

TR1299

ACCESSION  
NUMBER

77-0327

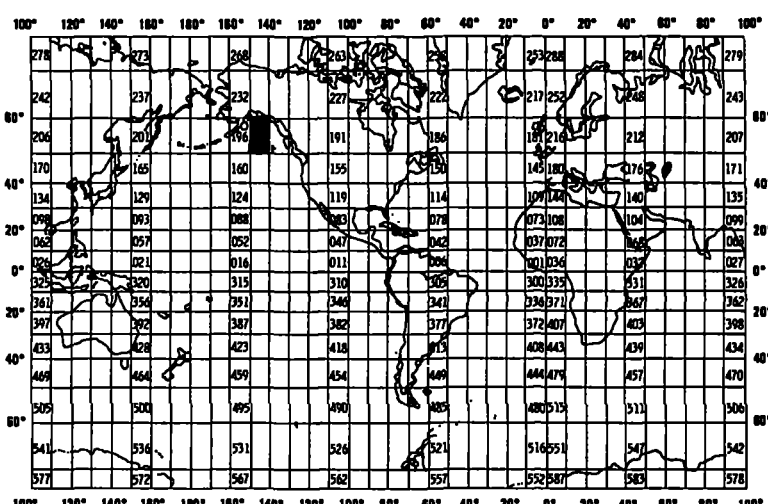
## DATA DOCUMENTATION FORM

NOAA FORM 24-13  
(7-72)U.S. DEPARTMENT OF COMMERCE  
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION  
NATIONAL OCEANOGRAPHIC DATA CENTER  
RECORDS SECTION  
ROCKVILLE, MARYLAND 20852FORM APPROVED  
O.M.B. No. 41-R2651

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

## A. ORIGINATOR IDENTIFICATION

THIS SECTION MUST BE COMPLETED BY DONOR FOR ALL DATA TRANSMITTALS

1. NAME AND ADDRESS OF INSTITUTION, LABORATORY, OR ACTIVITY WITH WHICH SUBMITTED DATA ARE ASSOCIATED <b>Samuel M. Patten, Jr. Dept. Pathobiology School of Hygiene &amp; Public Health, The Johns Hopkins University 615 North Wolfe Street, Baltimore, MD 21205</b>			
2. EXPEDITION, PROJECT, OR PROGRAM DURING WHICH DATA WERE COLLECTED <b>OCSEAP - R.U. # 96</b> <i>File Type 033</i>		3. CRUISE NUMBER(S) USED BY ORIGINATOR TO IDENTIFY DATA IN THIS SHIPMENT <b>290676</b>	
4. PLATFORM NAME(S) <b>NOAA Bell 206B</b>	5. PLATFORM TYPE(S) (E.G., SHIP, BUOY, ETC.) <b>helicopter</b>	6. PLATFORM AND OPERATOR NATIONALITY(IES) <b>USA</b> PLATFORM OPERATOR <b>USA USA</b>	7. DATES FROM: <b>MO/DAY/YR</b> <b>06/29/76</b> TO: <b>MO/DAY/YR</b> <b>07/01/76</b>
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. <b>GENERAL AREA</b> 	
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) <b>Sam Patten ph.: 301-955-3011</b>			

## 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
starting position				
lat-long	degrees N&W	Bell 206 B navigation instruments		
starting time/ date	GMT			
ending position				
lat-long	degree N&W	" " " "		
Speed made good	whole knots	" " " "		
course made good	degrees	" " " "		
Height above sea surface of observer's eyes	whole meters	" " " "		
Platform type code	NODC code			
sampling technique code	" "	visual; shotgun; F&WS banding		
photos taken	NODC collection code	35 mm camera		
barometric pressure & trend	millibars (+0-)	Bell 206 B pilot report		
Wind speed & direction	knots & degrees	" "		
sea state	WMO code 3700			
weather	WMO code 4677	FAA report		
cloud type	WMO 0500			
cloud amount	WMO 2700	" "		
water color	Forel-Ule scale	visual		
visibility	WMO code 4300			
sun direction	NODC code			
glare intensity	NODC "			
species taxonomic code				

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NAME OF DATA FIELD	REPORTING UNITS OR CODE	METHODS OF OBSERVATION AND INSTRUMENTS USED (SPECIFY TYPE AND MODEL)	ANALYTICAL METHODS (INCLUDING MODIFICATIONS) AND LABORATORY PROCEDURES	DATA PROCESSING TECHNIQUES WITH FILTERING AND AVERAGING
number of individuals	whole number	visual		
counting method				
code	NODC code	"		
reliability	" " "			
code	" "			
dist, measurement				
type code				
distance from observation platform to birds	tens of meters	" estimation; pilot report		
direction of flight	tens of degrees			
association code	NODC code			
behavior(activity)	NODC code			
Distance from nearest breeding colony	in nat, miles			
habitat	NODC code			

## 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 type 1, 2, 4, and 5 differentiated by byte 10

2. GIVE BRIEF DESCRIPTION OF FILE ORGANIZATION

In chronological order

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</p> <p><input type="checkbox"/> OCTAL 17</p> <p><input type="checkbox"/> _____</p>	
<p>7. PARITY</p> <p><input type="checkbox"/> ODD</p> <p><input type="checkbox"/> EVEN</p>	<p>11. PASTE-ON-PAPER LABEL DESCRIPTION (INCLUDE ORIGINATOR NAME AND SOME LAY SPECIFICATIONS OF DATA TYPE, VOLUME NUMBER)</p>	
<p>8. DENSITY</p> <p><input type="checkbox"/> 200 BPI <input type="checkbox"/> 1600 BPI</p> <p><input type="checkbox"/> 556 BPI</p> <p><input type="checkbox"/> 800 BPI</p> <p><input type="checkbox"/> _____</p>		<p>12. PHYSICAL BLOCK LENGTH IN BYTES</p>
		<p>13. LENGTH OF BYTES IN BITS</p>

# RECORD FORMAT DESCRIPTION

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

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

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		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 (✓)	

one DOI/file  
type

one file type/file

ACCESSION  
NUMBER

TR 0327  
TR 1300

# DATA DOCUMENTATION FORM

NOAA FORM 24-13  
(4-72)

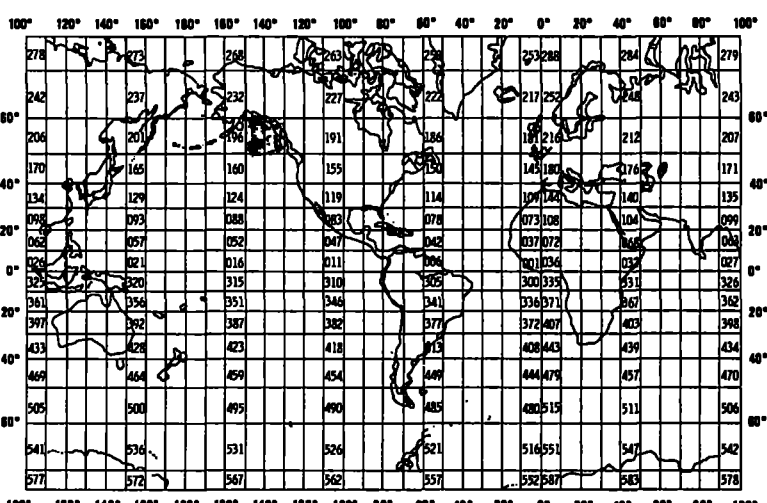
U.S. DEPARTMENT OF COMMERCE  
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION  
NATIONAL OCEANOGRAPHIC DATA CENTER  
RECORDS SECTION  
ROCKVILLE, MARYLAND 20852

FORM APPROVED  
O.M.B. No. 41-R2651

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1. NAME AND ADDRESS OF INSTITUTION, LABORATORY, OR ACTIVITY WITH WHICH SUBMITTED DATA ARE ASSOCIATED <b>Samuel M. Patten, Jr. Department of Pathobiology School of Hygiene and Public Health, The Johns Hopkins University 615 North Wolfe Street Baltimore, MD 21205</b>											
2. EXPEDITION, PROJECT, OR PROGRAM DURING WHICH DATA WERE COLLECTED  <b>OCSEAP - R.U. #96</b> <i>File type 035</i>		3. CRUISE NUMBER(S) USED BY ORIGINATOR TO IDENTIFY DATA IN THIS SHIPMENT  <b>160675</b>									
4. PLATFORM NAME(S)  <b>Sam Patten on Egg Island 1975</b>	5. PLATFORM TYPE(S) (E.G., SHIP, BUOY, ETC.)  <b>Foot Observer</b>	6. PLATFORM AND OPERATOR NATIONALITY(IES) <table border="1"><thead><tr><th>PLATFORM</th><th>OPERATOR</th></tr></thead><tbody><tr><td><b>U.S.</b></td><td><b>U.S.</b></td></tr></tbody></table>	PLATFORM	OPERATOR	<b>U.S.</b>	<b>U.S.</b>	7. DATES <table border="1"><thead><tr><th>FROM: MO/DAY/YR</th><th>TO: MO/DAY/YR</th></tr></thead><tbody><tr><td><b>06/16/75</b></td><td><b>08/18/75</b></td></tr></tbody></table>	FROM: MO/DAY/YR	TO: MO/DAY/YR	<b>06/16/75</b>	<b>08/18/75</b>
PLATFORM	OPERATOR										
<b>U.S.</b>	<b>U.S.</b>										
FROM: MO/DAY/YR	TO: MO/DAY/YR										
<b>06/16/75</b>	<b>08/18/75</b>										
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.  <b>NEGOA</b>  <b>GENERAL AREA</b>									
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)  <b>Sam Patten ph: 301-955-3011</b>											

## B. SCIENTIFIC CONTENT

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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
(measured fields) + environ- mental codes ----- Substrata type	NODC code	visual		
Habitat	NODC code	visual		
Distance above Mean Low Tide	meters	fiberglass tape		
Nest site slope	Brunton %	Brunton compass		
Nest Exposure	Brunton Compass degrees	" "		
Cover	NODC code	visual		
Directional Cover	Brunton compass degrees	Brun ton compass		
Nest Inner Diameter (X-Y Axes)	cm	metric ruler		
Nest Outer Diameter (X-Y Axes)	cm	metric ruler		
Depth of Nest	cm	" "		
Distance to Nearest Neighbor (Same species)	meters	fiberglass survey tape		
Soil Sample	collection code			
Number of Plant Species	raw number	visual		

# B. SCIENTIFIC CONTENT

NAME OF DATA FIELD	REPORTING UNITS OR CODE	METHODS OF OBSERVATION AND INSTRUMENTS USED (SPECIFY TYPE AND MODEL)	ANALYTICAL METHODS (INCLUDING MODIFICATIONS) AND LABORATORY PROCEDURES	DATA PROCESSING TECHNIQUES WITH FILTERING AND AVERAGING
Number of Eggs	raw number	visual count		
Number of Chicks	" "	" "		
Egg Mortality	NODC code	visual		
Chick Mortality	NODC code	"		
Number of Nests	raw number	"		
Egg Number	station #	A, B, C, wax pencil		
Egg Weight	gms	Pesola gm scale		
Chick Band Number	F&WS #	USF&WS bands		
Specimen	collection code	code		
sex	NODC CODES	shotgun		
age		dissection		
food		"		
parasites		"		
gonad size	mm	metric ruler		
whole body weight	gms	Pesola gm scale		
fat	NODC code	NODC code		
sternum	mm	metric ruler		
Blood sample	collection code		Hemaagglutination inhibition Radial diffusion	

## C. DATA FORMAT

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1. List the record types contained in your file transmittal (e.g., tape label record, master, detail, standard depth, etc.).
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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 A, C, D, E, F, G, H, J differentiated by bytes

2. GIVE BRIEF DESCRIPTION OF FILE ORGANIZATION

Chronological order

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 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
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## RECORD FORMAT DESCRIPTION

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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 (✓)	

## DATA DOCUMENTATION FORM

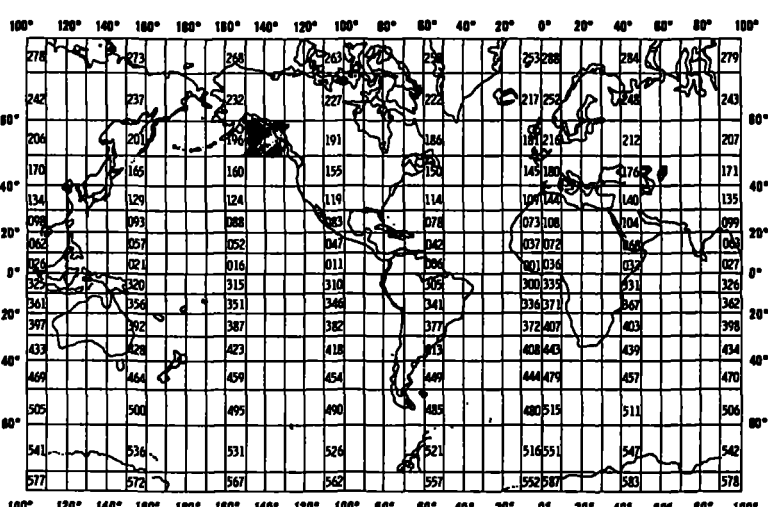
TR1301

NOAA FORM 24-13  
(4-72)U.S. DEPARTMENT OF COMMERCE  
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2. EXPEDITION, PROJECT, OR PROGRAM DURING WHICH DATA WERE COLLECTED  OCSEAP - R.U. # 96  File Type 031-		3. CRUISE NUMBER(S) USED BY ORIGINATOR TO IDENTIFY DATA IN THIS SHIPMENT  280675	
4. PLATFORM NAME(S) Sam Patten at Dry Bay 1975		5. PLATFORM TYPE(S) (E.G., SHIP, BUOY, ETC.) Foot Observer	
6. PLATFORM AND OPERATOR NATIONALITY(IES) U.S.		7. DATES FROM: MO/DAY/YR TO: MO/DAY/YR 06/28/75 06/29/75	
8. ARE DATA PROPRIETARY? <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES  IF YES, WHEN CAN THEY BE RELEASED FOR GENERAL USE? YEAR _____ MONTH _____		11. PLEASE DARKEN ALL MARSDEN SQUARES IN WHICH ANY DATA CONTAINED IN YOUR SUBMISSION WERE COLLECTED.  GENERAL AREA 	
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10. PERSON TO WHOM INQUIRIES CONCERNING DATA SHOULD BE ADDRESSED WITH TELEPHONE NUMBER (AND ADDRESS IF OTHER THAN IN ITEM-1) Sam Patten ph: 301-255-7242			

12407  
on  
another island  
Coast job

for other scientists

## 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.

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		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)

sternum  
etc.

measured fields  
egg & chick weight, dist NN meters  
gms



# 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
(measured fields & environmental codes) ----- Substrata type Habitat type Nest site Slope Nest exposure Cover (nest) Nest Inner diameter (X-Y axes) Nest Outer diameter (X-Yaxes) Depth of Nest Distance to nearest neighbor (same species) number of eggs number of chicks number of nests Egg Number Egg Wt. Specimen data sex, age, food, parasites, gonad size, whole body wt., fat, sternum blood sample	NODC code NODC code Brunton degrees " " NODC code cm cm cm meters whole number " " " " station # + A, B, C, gms. NODC codes, mm gms gms, NODC code, mm collection code	visual " " Brunton compass " " visual metric ruler " " " " fiberglass meter tape visual count " " wax pencil pesola gm scale chatillon gm scale; metric ruler dissection, hemaagglutination inhibition; radial diffusion plates		

## 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.

*chronological; geographic  
different file ID*

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 type A, B, C, D, E, G, H<sup>1</sup> differentiated by byte 10

2. GIVE BRIEF DESCRIPTION OF FILE ORGANIZATION

In chronological order

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

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"/> _____
	10. END OF FILE MARK <input type="checkbox"/> OCTAL 17 <input type="checkbox"/> _____
6. NUMBER OF TRACKS (CHANNELS) <input type="checkbox"/> SEVEN <input type="checkbox"/> NINE <input type="checkbox"/> _____	11. PASTE-ON-PAPER LABEL DESCRIPTION (INCLUDE ORIGINATOR NAME AND SOME LAY SPECIFICATIONS OF DATA TYPE, VOLUME NUMBER)
7. PARITY <input type="checkbox"/> ODD <input type="checkbox"/> EVEN	
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 _____ (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		

# 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

reference  
(NOAA reports)  
or M.Sc. Thesis

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 (✓)	

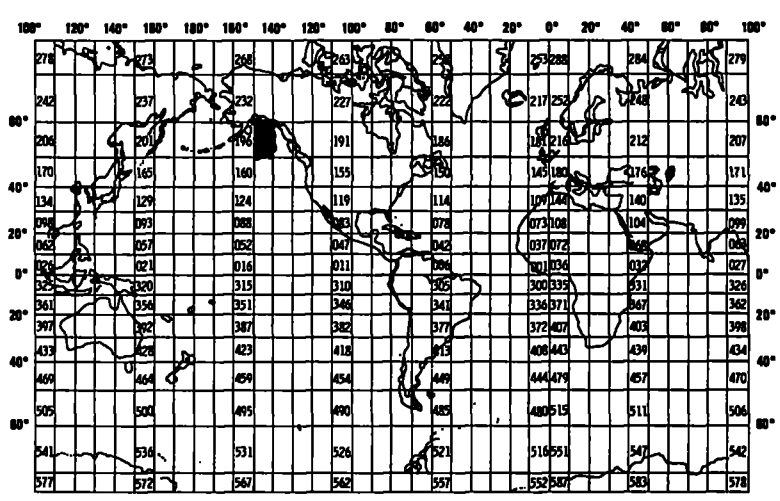
## DATA DOCUMENTATION FORM

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

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

## A. ORIGINATOR IDENTIFICATION

THIS SECTION MUST BE COMPLETED BY DONOR FOR ALL DATA TRANSMITTALS

1. NAME AND ADDRESS OF INSTITUTION, LABORATORY, OR ACTIVITY WITH WHICH SUBMITTED DATA ARE ASSOCIATED Samuel M. Patten, Jr. Dept. Pathobiology School of Hygiene & Public Health, The Johns Hopkins University 615 North Wolfe Street Baltimore, MD 21205			
2. EXPEDITION, PROJECT, OR PROGRAM DURING WHICH DATA WERE COLLECTED OCSEAP - R.U. # 96  File Type 035		3. CRUISE NUMBER(S) USED BY ORIGINATOR TO IDENTIFY DATA IN THIS SHIPMENT 210576	
4. PLATFORM NAME(S) Sam Patten on Egg Island 1976	5. PLATFORM TYPE(S) (E.G., SHIP, BUOY, ETC.) Foot Observer	6. PLATFORM AND OPERATOR NATIONALITY(IES) PLATFORM OPERATOR U.S. U.S.	7. DATES FROM: MO/DAY/YR TO: MO/DAY/YR 052176 081576
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) Sam Patten ph: 301-955-3011			

## 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	$\phi$ 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
(measured fields + environmental codes) ----- Substratum type Habitat Nest site slope Nest Exposure " Cover Directional Cover Code  Distance to Nearest Neighbor  number of surrounding plant species  Number of Eggs Number of Chicks Egg Mortality Chick Mortality Number of Nests Egg Number  Egg Wt. Chick Band # Specimen sex, age, food parasites, gonads, etc, code	NODC code NODC code Brunton compass degrees " " " NODC code Brunton Compass degrees meters raw number whole number " " NODC code " " whole number Station # + A,B,C, gms USF&WS band # collection code NODC code	visual visual Brunton compass " visual Brunton compass fiberglass survey tape visual count visual count " 2 " " wax pencil Pesola gm scale USF&WS bands traps, shotgun		

## 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 A, B, C, D, E, G, H & J diff. by byte 10

2. GIVE BRIEF DESCRIPTION OF FILE ORGANIZATION

Chronological order

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>_____</p>
	<p>13. LENGTH OF BYTES IN BITS</p> <p>_____</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 <small>(e.g., bits, bytes)</small>	16. LENGTH		17. ATTRIBUTES	18. USE AND MEANING
		NUMBER	UNITS		

**RECORD NAME**USCOMM-DC 44289-P72

## 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 (✓)	



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

~~WASHINGTON, D.C. 20335~~  
National Oceanographic Data Center  
Washington, D.C. 20235

D781/JJA

(29)

Date: September 6, 1978

To : RD/RFx41 - Francesca Cava

From: OA/D781 - Jim Audet *Jim Audet*

Subj: Status of File Type 035 Data Submissions

Based on our Boulder discussions, I am enclosing the check program results for all 035 data sets currently held by NODC, except for the data from RU 83 (George Hunt). Hunt's data had been reviewed earlier for resorting and elimination of redundant records. You should have a copy of my March 2, 1978 memo to Crane concerning this task. Mike indicated that we should exclude Hunt's data from the check runs at this time. I am not too clear of the status of the RU 83 data submissions in terms of resubmissions, key entry data, conversion of present and past data to file type 135, etc.

The enclosures are the data from RU 38 (Hickey), RU 96 (Patten), RU 237 (Drury), RU 441 (Mickelson) and RU 458 (Patten). Data for all records (with the possible exception of record type E) have been submitted but only three or four record types have been submitted by any individual P.I. All P.I.s submitted A and F (header and clutch data records) except Hickey and nearly all submitted B or D (environment and habitat records). No one has submitted data for the requested additional parameters to record type G, which made the format 96 bytes instead of 80. I believe these additions were requested by USFWS who will now submit their data in the new 135 format.

I have attached a brief summary of the status of each investigator's data submissions. Specific problems are annotated on the front of each check run and in the taxonomic summaries.



I hope this provides some useful information concerning the potential conversion of these data to file type 135 and the uses of the existing data for answering data requests and providing data products.

Enclosure

cc: W. Fischer  
J. Murphy  
T. Johnson  
M. Crane  
E. Collins  
G. Falk

## 035 Data Submission Summary

<u>RU</u>	<u>File ID/Track</u>	<u>Records Used*</u>	<u>Problems</u>	
		* Brief explanation of records follows this list	<u>Data/Format</u>	<u>Taxonomic Codes</u>
38	HICKEY/653	A,H	Yes - easy to correct	No
96	160675, etc/1300-02	A,D,F,G	No	No
237	WD6BLF/2086	A,B,C,F (one station each G and J)	Yes - exten- sive	No
237	WD5BLF, etc/1693-96	A,B,C,F	Same as above	No - one keypunch er
441	LARK/3096	A,D,F	Yes - needs multiple headers	No - except one un- acceptable code
441	LARK02/3272	A,D,F	Same as above	No
458	SPIPER/2835	A,D,F	No	No - two keypunch errors
083	Multiple	A,C,F,G	Yes	No check made yet

### Explanation of 035 Records

- A - Header - Position, start and end dates and times for each station (nest, ledge, etc).
- B - Environmental Conditions - Wind, Cloud Cover, Temperature for each station and visit.
- C - Text - Comments - can be related to each station or visit by proper sequencing.
- D - Habitat - description near each station for flat areas, beaches, etc - should be one/station.
- E - Habitat - Similar information for ledges and cliffs.
- F - Clutch - census of eggs, chicks, adults and mortality causes at each station - may be multiple records for different visit dates, different species at a station, etc.
- G - Egg/Chick Development - individual egg and chick growth information linked to each station - may be multiple records per station based on number of visits.
- H - Specimen Information - specimen measurements for selected samples for any number of stations - may be multiple for a station - includes food sample number to link to record J.
- J - Food Information - description of food sample including taxonomic code for food - any number of samples and stations.



NATIONAL OCEANOGRAPHIC DATA CENTER  
Washington, D. C. 20235

D761/JJA

Date: April 17, 1978

To : Wayne Fischer, Data Manager  
OCSEAP Program Office

From: Jim Audet  
NODC OCSEAP Data Coordinator

Subj: Processing Status of Marine Bird Colony Data (File Type 035)

As a result of recent decisions concerning bird colony data formats, further processing of 035 data sets will cease at NODC until the new format (A35) is developed and conversion of existing 035 data parameters is discussed.

The following data sets will be placed in a 'hold' status which will be entered in the tracking system. The hold entry (000000) will follow the last completed stage of processing as indicated below.

<u>RU</u>	<u>File ID</u>	<u>Track Nos.</u>	<u>Last Completed Stage</u>
038	HICKEY	653	Accepted
083	BLKSPG, etc.	1859-83	Received
237	WD5BLF, etc.	1693-96	Accepted
237	WD6BLF	2036	Accepted
458	SPIPER	2835	Accepted

The data sets for Patten-RU96 (tracks 1300-1302) have been final processed and will remain as entered. Data sets which have been accepted will have station locations plotted in the revised data catalog to be printed soon. Any further submissions of 035 data, however, will be entered in the tracking system under data received and station locations will not be entered in the inventories.

cc:  
F. Cava  
T. Johnson  
M. Crane  
D. Dale  
E. Collins  
P. Hadsell

INCL. NEW 035 data

Job. No.	User Name	PL	Task No.	Date
	035 ASHBY	NL	R71208	03/07/77
Reel No.	Density 200/	Drive	Mast. Reel	
01	556,800/600	#	#	
Track 7/9	Tape New/Used	Storage Location	Packed	Decimal/EBCDIC/ BCD/BINARY/ASCII
Data Description 77-0327 OCSEAP BIRDS (O) TR1299-1302				
Remarks/Special Entries/Title/Job Name Pattern bird data formats 033(TR1299)035(TR1300- 2 Files (-))				
Vol-Ser-	LRCL	Blk. Fact.	Release Authorized by	Date Released
002353	80	50		1322-

NOAA Form 47-29 (4-73) U. S. DEPT. OF COMMERCE NATIONAL OCEANIC AND ATMOSPHERIC ADM.

Job. No.	User Name	PL	Task No.	Date
	035 ASHBY	SL	R71208	08/04/77
Reel No.	Density 200/	Drive	Mast. Reel	
01	556,800/600	#	#	
Track 7/9	Tape New/Used	Storage Location	Packed	Decimal/EBCDIC/ BCD/BINARY/ASCII
Data Description 77-0327 OCSEAP BIRDS (O/C) TR1299-1302				
Remarks/Special Entries/Title/Job Name DSN=CAR FORMATS =033,035				
Vol-Ser-	LRCL	Blk. Fact.	Release Authorized by	Date Released
000341	80	50		

NOAA Form 47-29 (4-73) U. S. DEPT. OF COMMERCE NATIONAL OCEANIC AND ATMOSPHERIC ADM.

Job. No.	User Name	PL	Task No.	Date
	035 ASHBY	SL	R71203	08/24/77
Reel No.	Density 200/	Drive	Mast. Reel	
01	556,800/600	#	#	
Track 7/9	Tape New/Used	Storage Location	Packed	Decimal/EBCDIC/ BCD/BINARY/ASCII
Data Description 77-0327 OCSEAP BIRDS (U) TR1299-1302				
Remarks/Special Entries/Title/Job Name file1(DSN=TR1299) format=033 file2(DSN=TR1300, TR1302, TR1301) format=035				
Vol-Ser-	LRCL	Blk. Fact.	Release Authorized by	Date Released
002215	80	140		

NOAA Form 47-29 (4-73) U. S. DEPT. OF COMMERCE NATIONAL OCEANIC AND ATMOSPHERIC ADM.

DBIRDS

CORRECTIONS

77-0327

3 FILES

1<sup>st</sup>

TYPE 035; SCAN FROM ORIGINATOR TAPE

2<sup>nd</sup>

033; ONE FILE ID.; TR 1299

3<sup>rd</sup>

035; CORRECTED COPY; TR 1300, 1302, 1301

NAPIS, NSDET & MASTER RECORDS NOT RUN  
ON 1<sup>st</sup> FILE

LRECL 033 = 83 (<sup>80</sup>DISK → <sup>83</sup>DISK CHANGE)  
035 = 80

1<sup>st</sup> FILE NOT PRINTED OUT OF  
ORIGINAL TO COPY BECAUSE  
CORRECTED VERSION IS 3<sup>rd</sup> FILE

035	210578	F000	85760526...	CHANGED TO
035	TR1302	F000	85760526...	

77-0327

All corrections possibly made.  
Orig. data possibly on cards;  
" coded & kp'd inhouse.

3 files

1<sup>st</sup> file file type 035

3 file ids. Scan had  
run from originator tape.

2nd file file type 035  
one file id.

3<sup>rd</sup> file file type 035  
~~same~~ corrected copy of  
file on (Stien did corrects).

CARDS put on tape  
2353

4718  
129

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

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>_____</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

RECORD NAME Location Ship and Aircraft Census

2-20-76

14. FIELD NAME	15. POSITION FROM - 1 MEASURED IN Bytes (a.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	Starting Position
Minutes	18	2	Bytes	I2	
Seconds	20	2	Bytes	I2	
Hemisphere	22	1	Bytes	A1	
Longitude, Degrees	23	3	Bytes	I3	'E' or 'W'
Minutes	26	2	Bytes	I2	
Seconds	28	2	Bytes	I2	
Hemisphere	30	1	Bytes	A1	
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	0-59
Latitude, Degrees	41	2	Bytes	I2	Ending Position
Minutes	43	2	Bytes	I2	
Seconds	45	2	Bytes	I2	
Hemisphere	47	1	Bytes	A1	

# RECORD FORMAT DESCRIPTION

5/5/77

RECORD NAME Location 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		
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 Ob- server's Eyes	66	3	Bytes	I3	To whole meters
Platform Type	69	1	Bytes	A1	
Code					
Sampling Technique	70	1	Bytes	A2	
Code					
Ship Activity	71	1	Bytes	A1	
Code					
Photo(s) Taken	72	1	Bytes	A1	Use collection code
Width of Transect	73	1	Bytes	A1	Use Zone Scheme Code
Angle of View Code	74	1	Bytes	A1	
Observation					
Conditions Code	75	1	Bytes	A1	
Distance Made	76	4	Bytes	I4	Kilometers to tenths
Good					
Watch Type Code	80	1	Bytes	A1	Use Watch Type Illustration
Transect Width	81	3	Bytes	3I	Tens of meters

## RECORD FORMAT DESCRIPTION

2-20-76

RECORD NAME Environmental Ship and Aircraft Census

14. FIELD NAME	15. POSITION FROM -1 MEASURED IN Bytes (o.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

5-31-77

RECORD NAME Environmental Continued Ship and Aircraft Census

14. FIELD NAME	15. POSITION FROM - 1 MEASURED IN Bytes (o.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	Tens of foot-candles
Moon Phase Code	68	1	Bytes	A1	
Tide Height Code	69	1	Bytes	A1	
Rising or Falling Tide	70	1	Bytes	A1	'+' = rising, '-' = falling, '0' = slack water
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.
Blank	81	3	Bytes	3X	

## RECORD FORMAT DESCRIPTION

RECORD NAME ICE SHIP AND AIRCRAFT 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 '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

5-17-77

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
					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>	39	1	Bytes	A1	Use mammal trace code
Blank	40	7	Bytes	7X	Blank
Percent Water Versus Land Covered	47	2	Bytes	I2	00-99%
Size of Ponds	49	1	Bytes	A1	Use File 033 Size of Pond Code
Blank	50	34	Bytes	34X	

RECORD NAME TEXT 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 '4'
Station Number	11	5	Bytes	A5	
Text	16	62	Bytes	62A1	
Sequence	78	3	Bytes	I3	Ascending numeric, used for sorting
Blank	81	3	Bytes	3X	

# RECORD FORMAT DESCRIPTION

RECORD NAME Data Ship and Aircraft 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 '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	
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	

Password:

accNo	fleA	refNo	proj	inst	ship	startDate	cruise	catId
7700327	F033	TR1299	0081	31H6	32HP	1976/06/29	NULL	303825
7700327	F035	TR1300	0081	31H6	32P8	1975/06/16	NULL	303826
7700327	F035	TR1301	0081	31H6	32P8	1975/06/28	NULL	303827
7700327	F035	TR1302	0081	31H6	32P8	1976/05/21	NULL	303828

(4 rows affected)

Password:

accNo	fileA	refNo	ship	staCnt	recCnt	startDate	endDate
-----	-----	-----	-----	-----	-----	-----	-----
7700327	F033	TR1299	32HP	12	129	76/06/29	76/06/30

(1 row affected)