

DDF A:3:09

DATA DOCUMENTATION FORM

TR3874

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			
Alaska Department of Fish and Game 333 Raspberry Road Anchorage, Alaska 99502			
2. EXPEDITION, PROJECT, OR PROGRAM DURING WHICH DATA WERE COLLECTED		3. CRUISE NUMBER(S) USED BY ORIGINATOR TO IDENTIFY DATA IN THIS SHIPMENT	
Outer Continental Shelf Environmental Assessment Program - Coastal Bird Habitat		FG 7804	
4. PLATFORM NAME(S)	5. PLATFORM TYPE(S) (E.G., SHIP, BUOY, ETC.)	6. PLATFORM AND OPERATOR NATIONALITY(IES)	7. DATES
De Havilland <del>Beaver</del> Otter	Aircraft	U.S. U.S.	FROM: MO/DAY/YR TO: MO/DAY/YR 4/28/78 4/28/78
8. ARE DATA PROPRIETARY? <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES IF YES, WHEN CAN THEY BE RELEASED FOR GENERAL USE? YEAR _____ MONTH _____		11. PLEASE DARKEN ALL MARSDEN SQUARES IN WHICH ANY DATA CONTAINED IN YOUR SUBMISSION WERE COLLECTED.	
		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)			
Paul D. Arneson Alaska Dept. of Fish & Game 333 Raspberry Road Anchorage, AK 99502 907-344-0541			

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
Survey Conditions	code	See attached list	N/A	N/A
Distance Surveyed	km	K & E Map Measure #62 0300	Traced shoreline surveyed on 1:63,360 USGS maps	N/A
Area Surveyed	km <sup>2</sup>	Salmoigraphi Planimeter Model 236/A	Traced area surveyed on 1:63,360 USGS maps	N/A
Sampling Technique	code	See attached list	N/A	N/A
Platform Type	Code	See attached list	N/A	N/A
Speed of Platform	km/hr	Aircraft instruments	Converted from mph or knots using Sharp EL8300 calculator	N/A
Altitude of Platform	meters	Aircraft instruments	Converted from ft to m using Sharp EL8300 calculator	N/A
Dry Bulb Temperature	Deg. C.	Nearest FAA Flight Service instruments	Converted from °F to °C using Sharp EL8300 calculator.	N/A
Barometric Pressure	Millibars	Nearest FAA Flight Service instruments	Converted from inches to millibars using Handbook of Chemistry & Physics conversion chart.	N/A
Wind Direction	Tens of Degrees UMO codes 0885 & 0877	Nearest FAA Flight Service instruments or ocular estimation using aircraft instruments	N/A	N/A
Wind Speed	knots	Nearest FAA Flight Service instruments or ocular estimation	N/A	N/A

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Weather	WMO code 4677	Recorded by observer	N/A	N/A
Cloud Amount	WMO code 2700	Estimated by observer	N/A	N/A
Tide Height	Code	See attached list	Interpolated from nearest tidal difference in NOAA Tide Tables	N/A
Habitat	Code	See attached list	Subjective evaluation of habitat on which bird observation is made	N/A
Activity	Code	See attached list	N/A	N/A
Counting Method	Code	See attached list	Numerical estimation by lowest possible grouping	N/A

### C. DATA FORMAT

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

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

- Record Type 1 - Location
- Record Type 2 - Environment
- Record Type 4 - Habitat
- Record Type 5 - Text

Each record type is identified by a header consisting of: File type: always 040; File identification: always FC, fiscal year, and batch no.; station number: see attached code.

**2. GIVE BRIEF DESCRIPTION OF FILE ORGANIZATION**

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ATTRIBUTES AS EXPRESSED IN

- PL-1       ALGOL       COBOL  
 FORTRAN       \_\_\_\_\_ LANGUAGE

**4. RESPONSIBLE COMPUTER SPECIALIST:**

**279-4523**

NAME AND PHONE NUMBER Mike CRANE ~~Paul D. Arneson (907) 344-0541~~

ADDRESS 333 Raspberry Road, Anchorage, Alaska 99502

COMPLETE THIS SECTION IF DATA ARE ON MAGNETIC TAPE

<p><b>5. RECORDING MODE</b></p> <p><del>N/A</del>      <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><b>9. LENGTH OF INTER-RECORD GAP (IF KNOWN)</b> <input checked="" type="checkbox"/> 3/4 INCH</p> <p><del>N/A</del>      <input type="checkbox"/> _____</p>
<p><b>5. NUMBER OF TRACKS (CHANNELS)</b></p> <p><del>N/A</del>      <input type="checkbox"/> SEVEN</p> <p>                  <input checked="" type="checkbox"/> NINE</p> <p>                  <input type="checkbox"/> _____</p>	<p><b>10. END OF FILE MARK</b></p> <p><del>N/A</del>      <input checked="" type="checkbox"/> OCTAL 17</p> <p>                  <input type="checkbox"/> _____</p>
<p><b>7. PARITY</b></p> <p><del>N/A</del>      <input checked="" type="checkbox"/> ODD</p> <p>                  <input type="checkbox"/> EVEN</p>	<p><b>11. PASTE-ON-PAPER LABEL DESCRIPTION (INCLUDE ORIGINATOR NAME AND SOME KEY SPECIFICATIONS OF DATA TYPE, VOLUME NUMBER)</b></p> <p style="text-align: center;">003                      040                      FG7809</p> <p style="text-align: center;">Stationary</p> <p style="text-align: center;">780619-780813                      Arneson, P.</p>
<p><b>8. DENSITY</b></p> <p><del>N/A</del>      <input type="checkbox"/> 200 DPI      <input checked="" type="checkbox"/> 1600 DPI</p> <p>                  <input type="checkbox"/> 556 DPI</p> <p>                  <input type="checkbox"/> 800 DPI</p> <p>                  <input type="checkbox"/> _____</p>	<p><b>12. PHYSICAL BLOCK LENGTH IN BYTES</b></p> <p><del>N/A</del>      <b>4000</b></p> <p><b>13. LENGTH OF BYTES IN BITS</b></p> <p><del>N/A</del></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
		NUMBER	UNITS		
See attached format - tentatively approved 11 June 1976.					

DATA DOCUMENTATION FORM

TR 3877

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

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.

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2. EXPEDITION, PROJECT, OR PROGRAM DURING WHICH DATA WERE COLLECTED		3. CRUISE NUMBER(S) USED BY ORIGINATOR TO IDENTIFY DATA IN THIS SHIPMENT	
Outer Continental Shelf Environmental Assessment Program - Coastal Bird Habitat		FG 7807	
4. PLATFORM NAME(S)	5. PLATFORM TYPE(S) (E.G., SHIP, BUOY, ETC.)	6. PLATFORM AND OPERATOR NATIONALITY(IES)	7. DATES
Dettavilland Otter	Aircraft	PLATFORM	OPERATOR
		U.S.	U.S.
FROM: MO/DAY/YR		TO: MO/DAY/YR	
5/11/78		5/11/78	
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Paul D. Arneson Alaska Dept. of Fish & Game 333 Raspberry Road Anchorage, AK 99502 907-344-0541			

B. SCIENTIFIC CONTENT

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Survey Conditions	code	See attached list	N/A	N/A
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Sampling Technique	code	See attached list	N/A	N/A
Platform Type	Code	See attached list	N/A	N/A
Speed of Platform	km/hr	Aircraft instruments	Converted from mph or knots using Sharp EL8300 calculator	N/A
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ATTRIBUTES AS EXPRESSED IN  PL-1  ALGOL  COBOL  
 FORTRAN  \_\_\_\_\_ LANGUAGE

4. RESPONSIBLE COMPUTER SPECIALIST:

**Mike CRANE** 279-4523

NAME AND PHONE NUMBER ~~Paul D. Arneson (907) 344-0541~~

ADDRESS ~~333 Raspberry Road, Anchorage, Alaska 99502~~

COMPLETE THIS SECTION IF DATA ARE ON MAGNETIC TAPE

<p>5. RECORDING MODE</p> <p><del>N/A</del> <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 checked="" type="checkbox"/> 3/4 INCH</p> <p><del>N/A</del> <input type="checkbox"/> _____</p>
<p>6. NUMBER OF TRACKS (CHANNELS)</p> <p><del>N/A</del> <input type="checkbox"/> SEVEN</p> <p><input checked="" type="checkbox"/> NINE</p> <p><input type="checkbox"/> _____</p>	<p>10. END OF FILE MARK</p> <p><del>N/A</del> <input checked="" type="checkbox"/> OCTAL 17</p> <p><input type="checkbox"/> _____</p>
<p>7. PARITY</p> <p><del>N/A</del> <input checked="" type="checkbox"/> ODD</p> <p><input type="checkbox"/> EVEN</p>	<p>11. PASTE-ON-PAPER LABEL DESCRIPTION (INCLUDE ORIGINATOR NAME AND SOME KEY SPECIFICATIONS OF DATA TYPE, VOLUME NUMBER)</p> <p>003                      040                      FG7809</p> <p>Stationary</p> <p>780619-780813                      Arneson, P.</p>
<p>8. DENSITY</p> <p><del>N/A</del> <input type="checkbox"/> 200 BPI <input checked="" type="checkbox"/> 1600 BPI</p> <p><input type="checkbox"/> 556 BPI</p> <p><input type="checkbox"/> 800 BPI</p> <p><input type="checkbox"/> _____</p>	<p>12. PHYSICAL BLOCK LENGTH IN BYTES</p> <p><del>N/A</del> 4000</p> <p>13. LENGTH OF BYTES IN FITS</p> <p>N/A</p>

# RECORD FORMAT DESCRIPTION

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

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		NUMBER	UNITS		
See attached format - tentatively approved 11 June 1976.					

*Chris*

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

John J. Audet, Jr.  
NDC, Page Building 1  
1001 Wisconsin, N.W.  
Washington, D.C. 20035

REFER TO  
D781x5-79-495

ATTENTION  
Jim Audet

THE ITEMS LISTED BELOW WERE FORWARDED TO YOU BY

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

13977  
FO40 Your memo of September 19, 1979 concerning final processed 040 data, contained four correction items which needed verification by the investigator. A list of corrections showing the four items checked is enclosed. The necessary actions are as follows:

*Changes already made 6-16-80  
TR 451  
(1987)*

#1. FG7601. The counting method code for the high bird counts of sta. 120Z, RT4 should be changed from a 1 to a 7.

*TR 1053*

#2. FG7606. Change of imbedded blank in the 'distance surveyed' field from 431-3 to 43108 is correct.

*TR 3878*

#3. FG7808. The low platform speeds of 0.6 km/hr. for stations L82A, L85D, L100C, L106A, L109A and L102A are correct.

*TR 3879*

#4. FG7809. Speeds of 0 km/hr. are from fixed platform and are correct.

The necessary changes have been incorporated into our holding of RUC03, File type 040.

- cc. W. Fischer
- F. Cava
- T. Johnson
- S. Stillwaghn
- P. Arneson (w/enclosure)

FORWARDED BY (Signature)  
Michael L. Crane

*U/C*

TITLE  
Alaskan Liaison Officer

DATE FORWARDED  
16 Oct 1979

TITLE

DATE RECEIVED

✓ #1 FG7601 (0451) - Sta 120Z, RT4 - Several records contained very high bird counts (61,879 and 266,984) where the counting method was by ones; values need verified. 7

Sta A72A - station number entry corrected

Sta A42D - RT1 - imbedded blank in 'height of platform' removed

FG7605 (0452) - Text field begun in col. 17 instead of col. 20 - info. shifted 3 cols. to right.

Sta L29B - RT 1 - cols. 30-32 changed from 76W to W76

Sta L910 - station number entry corrected

FG7607 (0453) - Corrected station number entry for L82A and L990

FG7615 (0458) - Corrected file type entry 010 to 040 for sta L612A

FG7701 (0459) - Corrected file type entry - 040 to 040 for sta L60D and hemisphere from N to W.

FG7702 (0460) - Corrected station number entry for A830 and A36A

FG7604 (0614) - Corrected station number entry for N120, N160, N56A and N940 and changed minutes from 1A to 15 for sta N110, RT 1

FG7603 (0615) - Corrected record type entry from 3 to 4 for sta K28G

FG7612 (0652) - Changed hemisphere from B to N for sta L614R, RT 1.

#2 ✓ FG7606 (1053) - Corrected station number entry for sta B650 and file type U40 to 040 for sta B780. Also changed imbedded blank in 'distance surveyed field from 431-8 to 43108 - needs verification

FG7703 (2658) - Corrected file type entry from J40 to 040 for sta A1070

FG7705 (2660) - Shifted text from col. 17 to col. 20

FG7709 (2664) - Changed all RT 1 - col. 53 from 3 to 2 as requested by Crane

FG7806 (3876) - Corrected file type entry from -40 to 040 for sta L700, RT 1

✓ #3 04 FG7808 (3878) - Platform speeds for stations L82A, L85D, L100C, L106A, L109A and L102A all reported as 0.6 km/hr - slow speeds need verification

✓ #4 FG7809 (3879) - all stations indicated speed of 0 km/hr - need verification of fixed platform

DATA DOCUMENTATION FORM

TR3878

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-R2551

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Avon Raft	Boat	U.S.	U.S.
		PLATFORM	OPERATOR
		U.S.	U.S.
		FROM: MO/DAY/YR	TO: MO/DAY/YR
		6/7/78	8/16/78
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- ATTRIBUTES AS EXPRESSED IN
- |                                  |                                |                                |
|----------------------------------|--------------------------------|--------------------------------|
| <input type="checkbox"/> PL-1    | <input type="checkbox"/> ALGOL | <input type="checkbox"/> COBOL |
| <input type="checkbox"/> FORTRAN | <input type="checkbox"/> _____ | LANGUAGE                       |

4. RESPONSIBLE COMPUTER SPECIALIST:

**Mike CRANE** 279-4523  
 NAME AND PHONE NUMBER ~~Paul D. Arneson (907) 344-0541~~  
 ADDRESS ~~333 Raspberry Road, Anchorage, Alaska 99502~~

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<p>5. NUMBER OF TRACKS (CHANNELS)</p> <p><del>N/A</del> <input type="checkbox"/> SEVEN</p> <p><input checked="" type="checkbox"/> NINE</p> <p><input type="checkbox"/> _____</p>	<p>10. END OF FILE MARK <input checked="" type="checkbox"/> OCTAL 17</p> <p><del>N/A</del> <input type="checkbox"/> _____</p>
<p>7. PARITY</p> <p><del>N/A</del> <input checked="" type="checkbox"/> ODD</p> <p><input type="checkbox"/> EVEN</p>	<p>11. PASTE-ON-PAPER LABEL DESCRIPTION (INCLUDE ORIGINATOR NAME AND SOME KEY SPECIFICATIONS OF DATA TYPE, VOLUME NUMBER)</p> <p>003                      040                      FG7809</p> <p>Stationary</p> <p>780619-780813                      Arneson, P.</p>
<p>8. DENSITY</p> <p><del>N/A</del> <input type="checkbox"/> 200 BPI <input checked="" type="checkbox"/> 1600 BPI</p> <p><input type="checkbox"/> 556 BPI</p> <p><input type="checkbox"/> 800 BPI</p> <p><input type="checkbox"/> _____</p>	<p>12. PHYSICAL BLOCK LENGTH IN BYTES</p> <p><del>N/A</del> 4000</p> <p>13. LENGTH OF BYTES IN FITS</p> <p>N/A</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
		NUMBER	UNITS		
See attached format - tentatively approved 11 June 1976.					

*Chris*

TRANSMITTAL AND RECEIPT RECORD

(Please sign and return carbon copy acknowledging receipt)

John J. Audet, Jr.  
ODC, Page Building 1  
1001 Wisconsin, N.W.  
Washington, D.C. 20235

REFER TO  
D781x5-79-495

ATTENTION  
Jim Audet

THE ITEMS LISTED BELOW WERE FORWARDED TO YOU BY

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

<sup>13977</sup>  
<sup>FO40</sup> Your memo of September 19, 1979 concerning final processed 040 data, contained four correction items which needed verification by the investigator. A list of corrections showing the four items checked is enclosed. The necessary actions are as follows:

*Changes already made TR 457 (1987) 6-16-80*

#1. FG7601. The counting method code for the high bird counts of sta. 120Z, RT4 should be changed from a 1 to a 7.

*TR 1053*

#2. FG7606. Change of imbedded blank in the 'distance surveyed' field from 431-8 to 43108 is correct.

*TR 3878*

#3. FG7808. The low platform speeds of 0.6 km/hr. for stations L82A, L85D, L100C, L106A, L109A and L102A are correct.

*TR 3879*

#4. FG7809. Speeds of 0 km/hr. are from fixed platform and are correct.

The necessary changes have been incorporated into our holding of RUC05, File type 040.

- cc. W. Fischer  
F. Cava  
T. Johnson  
S. Stillwaugh  
P. Arneson (w/enclosure)

WASHER BY (Signature)  
Michael L. Crane *u/c*

TITLE  
Alaskan Liaison Officer

DATE FORWARDED  
16 Oct. 1979

DATE RECEIVED

✓ #1 FG7601 (0451) - Sta 120Z, RT4 - Several records contained very high bird counts (61,879 and 266,984) where the counting method was by ones; values need verified. 7

Sta A72A - station number entry corrected

Sta A42D - RT1 - imbedded blank in 'height of platform' removed

FG7605 (0452) - Text field begun in col. 17 instead of col. 20 - info. shifted 3 cols. to right.

Sta L29B - RT 1 - cols. 30-32 changed from 76W to W76<sup>1</sup>

Sta L910 - station number entry corrected

FG7607 (0453) - Corrected station number entry for L82A and L990

FG7615 (0458) - Corrected file type entry 010 to 040 for sta L612A

FG7701 (0459) - Corrected file type entry - 040 to 040 for sta L60D and hemisphere from N to W.

FG7702 (0460) - Corrected station number entry for A830 and A36A

FG7604 (0614) - Corrected station number entry for N120, N160, N56A and N940 and changed minutes from 1A to 15 for sta N110, RT 1

FG7603 (0615) - Corrected record type entry from 3 to 4 for sta K28G

FG7612 (0652) - Changed hemisphere from B to N for sta L614R, RT 1.

#2 ✓ FG7606 (1053) - Corrected station number entry for sta B650 and file type U40 to 040 for sta B780. Also changed imbedded blank in 'distance surveyed field from 431-8 to 43108 - needs verification

FG7703 (2658) - Corrected file type entry from J40 to 040 for sta A1070

FG7705 (2660) - Shifted text from col. 17 to col. 20

FG7709 (2664) - Changed all RT 1 - col. 53 from 3 to 2 as requested by Crane

FG7806 (3876) - Corrected file type entry from -40 to 040 for sta L700, RT 1

✓ #3 FG7808 (3878) - Platform speeds for stations L82A, L85D, L100C, L106A, L109A and L102A all reported as 0.6 km/hr - slow speeds need verification

#4 ✓ FG7809 (3879) - all stations indicated speed of 0 km/hr - need verification of fixed platform

DATA DOCUMENTATION FORM

TR 3879

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-R2691

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			
Alaska Department of Fish and Game 333 Raspberry Road Anchorage, Alaska 99502			
2. EXPEDITION, PROJECT, OR PROGRAM DURING WHICH DATA WERE COLLECTED		3. CRUISE NUMBER(S) USED BY ORIGINATOR TO IDENTIFY DATA IN THIS SHIPMENT	
Outer Continental Shelf Environmental Assessment Program - Coastal Bird Habitat		FG 7809	
4. PLATFORM NAME(S)	5. PLATFORM TYPE(S) (E.G., SHIP, BUOY, ETC.)	6. PLATFORM AND OPERATOR NATIONALITY(IES)	7. DATES
	On-ground-stationary	PLATFORM OPERATOR	FROM: MO, DAY, YR TO: MO, DAY, YR
		U.S. U.S.	06/19/78 08/13/78
8. ARE DATA PROPRIETARY? <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES IF YES, WHEN CAN THEY BE RELEASED FOR GENERAL USE? YEAR _____ MONTH _____		11. PLEASE DARKEN ALL MARSDEN SQUARES IN WHICH ANY DATA CONTAINED IN YOUR SUBMISSION WERE COLLECTED.	
9. ARE DATA DECLARED NATIONAL PROGRAM (DNP)? (I.E., SHOULD THEY BE INCLUDED IN WORLD DATA CENTERS HOLDINGS FOR INTERNATIONAL EXCHANGE?) <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES <input type="checkbox"/> PART (SPECIFY BELOW)		GENERAL AREA	
10. PERSON TO WHOM INQUIRIES CONCERNING DATA SHOULD BE ADDRESSED WITH TELEPHONE NUMBER (AND ADDRESS IF OTHER THAN IN ITEM-1)  Paul D. Arneson Alaska Dept. of Fish & Game 333 Raspberry Road Anchorage, AK 99502 907-344-0541			

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
Survey Conditions	code	See attached list	N/A	N/A
Distance Surveyed	km	K & E Map Measure #62 0300	Traced shoreline surveyed on 1:63,360 USGS maps	N/A
Area Surveyed	km <sup>2</sup>	Salmoigraphi Planimeter Model 236/A	Traced area surveyed on 1:63,360 USGS maps	N/A
Sampling Technique	code	See attached list	N/A	N/A
Platform Type	Code	See attached list	N/A	N/A
Speed of Platform	km/hr	Aircraft instruments	Converted from mph or knots using Sharp EL8300 calculator	N/A
Altitude of Platform	meters	Aircraft instruments	Converted from ft to m using Sharp EL8300 calculator	N/A
Dry Bulb Temperature	Deg. C.	Nearest FAA Flight Service instruments	Converted from °F to °C using Sharp EL8300 calculator.	N/A
Barometric Pressure	Millibars	Nearest FAA Flight Service instruments	Converted from inches to millibars using Handbook of Chemistry & Physics conversion chart.	N/A
Wind Direction	Tens of Degrees UMO codes 0885 & 0877	Nearest FAA Flight Service instruments or ocular estimation using aircraft instruments	N/A	N/A
Wind Speed	knots	Nearest FAA Flight Service instruments or ocular estimation	N/A	N/A

B. SCIENTIFIC CONTENT

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Weather	WMO code 4677	Recorded by observer	N/A	N/A
Cloud Amount	WMO code 2700	Estimated by observer	N/A	N/A
Tide Height	Code	See attached list	Interpolated from nearest tidal difference in NOAA Tide Tables	N/A
Habitat	Code	See attached list	Subjective evaluation of habitat on which bird observation is made	N/A
Activity	Code	See attached list	N/A	N/A
Counting Method	Code	See attached list	Numerical estimation by lowest possible grouping	N/A

C. DATA FORMAT

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

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

- Record Type 1 - Location
- Record Type 2 - Environment
- Record Type 4 - Habitat
- Record Type 5 - Text

Each record type is identified by a header consisting of: File type: always 040; File identification: always FG, fiscal year, and batch no.; station number: see attached code.

2. GIVE BRIEF DESCRIPTION OF FILE ORGANIZATION

File is essentially in numerical order by station number for each survey or batch number. Separate surveys are mostly in chronological order.

All pertinent record types are listed for each station. Within each record, blank data fields indicate "not observed."

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

4. RESPONSIBLE COMPUTER SPECIALIST:

Mike CRANE 279-4523

NAME AND PHONE NUMBER Paul D. Arneson (907) 344-0541

ADDRESS 333 Raspberry Road, Anchorage, Alaska 99502

COMPLETE THIS SECTION IF DATA ARE ON MAGNETIC TAPE

<p>5. RECORDING MODE</p> <p><del>N/A</del> <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 checked="" type="checkbox"/> 3/4 INCH</p> <p><del>N/A</del> <input type="checkbox"/> _____</p>
<p>6. NUMBER OF TRACKS (CHANNELS)</p> <p><del>N/A</del> <input type="checkbox"/> SEVEN</p> <p><input checked="" type="checkbox"/> NINE</p> <p><input type="checkbox"/> _____</p>	<p>10. END OF FILE MARK <input checked="" type="checkbox"/> OCTAL 17</p> <p><del>N/A</del> <input type="checkbox"/> _____</p>
<p>7. PARITY</p> <p><del>N/A</del> <input checked="" type="checkbox"/> ODD</p> <p><input type="checkbox"/> EVEN</p>	<p>11. PASTE-ON-PAPER LABEL DESCRIPTION (INCLUDE ORIGINATOR NAME AND SOME LAY SPECIFICATIONS OF DATA TYPE, VOLUME NUMBER)</p> <p>003                      040                      FG7809</p> <p>Stationary</p> <p>780619-780813                      Arneson, P.</p>
<p>8. DENSITY</p> <p><del>N/A</del> <input type="checkbox"/> 200 BPI <input checked="" type="checkbox"/> 1600 BPI</p> <p><input type="checkbox"/> 556 BPI</p> <p><input type="checkbox"/> 800 BPI</p> <p><input type="checkbox"/> _____</p>	<p>12. PHYSICAL BLOCK LENGTH IN BYTES</p> <p><del>N/A</del> 4000</p> <p>13. LENGTH OF BYTES IN FITS</p> <p>N/A</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
		NUMBER	UNITS		
See attached format - tentatively approved 11 June 1976.					



DATA DOCUMENTATION FORM

TR3875

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

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			
Alaska Department of Fish and Game 333 Raspberry Road Anchorage, Alaska 99502			
2. EXPEDITION, PROJECT, OR PROGRAM DURING WHICH DATA WERE COLLECTED		3. CRUISE NUMBER(S) USED BY ORIGINATOR TO IDENTIFY DATA IN THIS SHIPMENT	
Outer Continental Shelf Environmental Assessment Program - Coastal Bird Habitat		FG7805	
4. PLATFORM NAME(S)	5. PLATFORM TYPE(S) (E.G., SHIP, BUOY, ETC.)	6. PLATFORM AND OPERATOR NATIONALITY(IES)	7. DATES
DeHavilland Otter	Aircraft	PLATFORM	OPERATOR
		U.S.	U.S.
		FROM: MO, DAY, YR	TO: MO, DAY, YR
		5/1/78	5/1/78
8. ARE DATA PROPRIETARY? <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES IF YES, WHEN CAN THEY BE RELEASED FOR GENERAL USE? YEAR ___ MONTH ___		11. PLEASE DARKEN ALL MARSDEN SQUARES IN WHICH ANY DATA CONTAINED IN YOUR SUBMISSION WERE COLLECTED.	
9. ARE DATA DECLARED NATIONAL PROGRAM (DNP)? (I.E., SHOULD THEY BE INCLUDED IN WORLD DATA CENTERS HOLDINGS FOR INTERNATIONAL EXCHANGE?) <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES <input type="checkbox"/> PART (SPECIFY BELOW)		GENERAL AREA	
10. PERSON TO WHOM INQUIRIES CONCERNING DATA SHOULD BE ADDRESSED WITH TELEPHONE NUMBER (AND ADDRESS IF OTHER THAN IN ITEM-1)  Paul D. Arneson Alaska Dept. of Fish & Game 333 Raspberry Road Anchorage, AK 99502 907-344-0541			

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
Survey Conditions	code	See attached list	N/A	N/A
Distance Surveyed	km	K & E Map Measure #62 0300	Traced shoreline surveyed on 1:63,360 USGS maps	N/A
Area Surveyed	km <sup>2</sup>	Salmoigraphi Planimeter Model 236/A	Traced area surveyed on 1:63,360 USGS maps	N/A
Sampling Technique	code	See attached list	N/A	N/A
Platform Type	Code	See attached list	N/A	N/A
Speed of Platform	km/hr	Aircraft instruments	Converted from mph or knots using Sharp EL8300 calculator	N/A
Altitude of Platform	meters	Aircraft instruments	Converted from ft to m using Sharp EL8300 calculator	N/A
Dry Bulb Temperature	Deg. C.	Nearest FAA Flight Service instruments	Converted from °F to °C using Sharp EL8300 calculator	N/A
Barometric Pressure	Millibars	Nearest FAA Flight Service instruments	Converted from inches to millibars using Handbook of Chemistry & Physics conversion chart.	N/A
Wind Direction	Tens of Degrees UMO codes 0885 & 0877	Nearest FAA Flight Service instruments or ocular estimation using aircraft instruments	N/A	N/A
Wind Speed	knots	Nearest FAA Flight Service instruments or ocular estimation	N/A	N/A

B. SCIENTIFIC CONTENT

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Weather	WMO code 4677	Recorded by observer	N/A	N/A
Cloud Amount	WMO code 2700	Estimated by observer	N/A	N/A
Tide Height	Code	See attached list	Interpolated from nearest tidal difference in NOAA Tide Tables	N/A
Habitat	Code	See attached list	Subjective evaluation of habitat on which bird observation is made	N/A
Activity	Code	See attached list	N/A	N/A
Counting Method	Code	See attached list	Numerical estimation by lowest possible grouping	N/A

C. DATA FORMAT

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

- Record Type 1 - Location
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- Record Type 5 - Text

Each record type is identified by a header consisting of: File type: always 040; File identification: always FC, fiscal year, and batch no.; station number: see attached code.

2. GIVE BRIEF DESCRIPTION OF FILE ORGANIZATION

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

4. RESPONSIBLE COMPUTER SPECIALIST:

Mike CRANE 279-4523

NAME AND PHONE NUMBER Paul D. Arneson (907) 344-0541

ADDRESS 333 Raspberry Road, Anchorage, Alaska 99502

COMPLETE THIS SECTION IF DATA ARE ON MAGNETIC TAPE

<p>5. RECORDING MODE</p> <p><del>N/A</del> <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 checked="" type="checkbox"/> 3/4 INCH</p> <p><del>N/A</del> <input type="checkbox"/> _____</p>
<p>5. NUMBER OF TRACKS (CHANNELS)</p> <p><del>N/A</del> <input type="checkbox"/> SEVEN</p> <p><input checked="" type="checkbox"/> NINE</p> <p><input type="checkbox"/> _____</p>	<p>10. END OF FILE MARK <input checked="" type="checkbox"/> OCTAL 17</p> <p><del>N/A</del> <input type="checkbox"/> _____</p>
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<p>8. DENSITY</p> <p><del>N/A</del> <input type="checkbox"/> 200 BPI <input checked="" type="checkbox"/> 1600 BPI</p> <p><input type="checkbox"/> 556 BPI</p> <p><input type="checkbox"/> 800 BPI</p> <p><input type="checkbox"/> _____</p>	<p>12. PHYSICAL BLOCK LENGTH IN BYTES</p> <p><del>N/A</del> 4000</p> <p>13. LENGTH OF BYTES IN FITS</p> <p>N/A</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
		NUMBER	UNITS		
See attached format - tentatively approved 11 June 1976.					

DATA DOCUMENTATION FORM

TR 3876

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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Alaska Department of Fish and Game 333 Raspberry Road Anchorage, Alaska 99502			
2. EXPEDITION, PROJECT, OR PROGRAM DURING WHICH DATA WERE COLLECTED		3. CRUISE NUMBER(S) USED BY ORIGINATOR TO IDENTIFY DATA IN THIS SHIPMENT	
Outer Continental Shelf Environmental Assessment Program - Coastal Bird Habitat		FG 78 06	
4. PLATFORM NAME(S)	5. PLATFORM TYPE(S) (E.G., SHIP, BUOY, ETC.)	6. PLATFORM AND OPERATOR NATIONALITY(IES)	7. DATES
DeHavilland Otter	Aircraft	PLATFORM	OPERATOR
		U.S.	U.S.
FROM: MO, DAY, YR		TO: MO, DAY, YR	
5/4/78		5/4/78	
8. ARE DATA PROPRIETARY? <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES IF YES, WHEN CAN THEY BE RELEASED FOR GENERAL USE? YEAR ___ MONTH ___		11. PLEASE DARKEN ALL MARSDEN SQUARES IN WHICH ANY DATA CONTAINED IN YOUR SUBMISSION WERE COLLECTED.	
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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)  Paul D. Arneson Alaska Dept. of Fish & Game 333 Raspberry Road Anchorage, AK 99502 907-344-0541			

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
Survey Conditions	code	See attached list	N/A	N/A
Distance Surveyed	km	K & E Map Measure #62 0300	Traced shoreline surveyed on 1:63,360 USGS maps	N/A
Area Surveyed	km <sup>2</sup>	Salmoigraphi Planimeter Model 236/A	Traced area surveyed on 1:63,360 USGS maps	N/A
Sampling Technique	code	See attached list	N/A	N/A
Platform Type	Code	See attached list	N/A	N/A
Speed of Platform	km/hr	Aircraft instruments	Converted from mph or knots using Sharp EL8300 calculator	N/A
Altitude of Platform	meters	Aircraft instruments	Converted from ft to m using Sharp EL8300 calculator	N/A
Dry Bulb Temperature	Deg. C.	Nearest FAA Flight Service instruments	Converted from °F. to °C using Sharp EL8300 calculator	N/A
Barometric Pressure	Millibars	Nearest FAA Flight Service instruments	Converted from inches to millibars using Handbook of Chemistry & Physics conversion chart.	N/A
Wind Direction	Tens of Degrees UNO codes 0885 & 0877	Nearest FAA Flight Service instruments or ocular estimation using aircraft instruments	N/A	N/A
Wind Speed	knots	Nearest FAA Flight Service instruments or ocular estimation	N/A	N/A

B. SCIENTIFIC CONTENT

NAME OF DATA FIELD	REPORTING UNITS OR CODE	METHODS OF OBSERVATION AND INSTRUMENTS USED (SPECIFY TYPE AND MODEL)	ANALYTICAL METHODS (INCLUDING MODIFICATIONS) AND LABORATORY PROCEDURES	DATA PROCESSING TECHNIQUES WITH FILTERING AND AVERAGING
Weather	WMO code 4677	Recorded by observer	N/A	N/A
Cloud Amount	WMO code 2700	Estimated by observer	N/A	N/A
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Habitat	Code	See attached list	Subjective evaluation of habitat on which bird observation is made	N/A
Activity	Code	See attached list	N/A	N/A
Counting Method	Code	See attached list	Numerical estimation by lowest possible grouping	N/A



C. DATA FORMAT

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

1. LIST RECORD TYPES CONTAINED IN THE TRANSMITTAL OF YOUR FILE  
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- Record Type 4 - Habitat
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- ATTRIBUTES AS EXPRESSED IN
- |                                  |                                |                                |
|----------------------------------|--------------------------------|--------------------------------|
| <input type="checkbox"/> PL-1    | <input type="checkbox"/> ALGOL | <input type="checkbox"/> COBOL |
| <input type="checkbox"/> FORTRAN | <input type="checkbox"/> _____ | LANGUAGE                       |

4. RESPONSIBLE COMPUTER SPECIALIST:

Mike CRANE 279-4523

NAME AND PHONE NUMBER Paul D. Arneson (907) 344-0541

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COMPLETE THIS SECTION IF DATA ARE ON MAGNETIC TAPE

<p>4. RECORDING MODE</p> <p><del>N/A</del></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 checked="" type="checkbox"/> 3/4 INCH</p> <p><del>N/A</del>    <input type="checkbox"/> _____</p>
<p>5. NUMBER OF TRACKS (CHANNELS)</p> <p><del>N/A</del></p> <p><input type="checkbox"/> SEVEN</p> <p><input checked="" type="checkbox"/> NINE</p> <p><input type="checkbox"/> _____</p>	<p>10. END OF FILE MARK</p> <p><del>N/A</del>    <input checked="" type="checkbox"/> OCTAL 17</p> <p><input type="checkbox"/> _____</p>
<p>7. PARITY</p> <p><del>N/A</del></p> <p><input checked="" type="checkbox"/> ODD</p> <p><input type="checkbox"/> EVEN</p>	<p>11. PASTE-ON-PAPER LABEL DESCRIPTION (INCLUDE ORIGINATOR NAME AND SOME KEY SPECIFICATIONS OF DATA TYPE, VOLUME NUMBER)</p> <p>003                      040                      FG7809</p> <p>Stationary</p> <p>780619-780813                      Arneson, P.</p>
<p>8. DENSITY</p> <p><del>N/A</del></p> <p><input type="checkbox"/> 200 BPI    <input checked="" type="checkbox"/> 1600 BPI</p> <p><input type="checkbox"/> 556 BPI</p> <p><input type="checkbox"/> 800 BPI</p> <p><input type="checkbox"/> _____</p>	<p>12. PHYSICAL BLOCK LENGTH IN BYTES</p> <p><del>N/A</del> 4000</p> <p>13. LENGTH OF BYTES IN BITS</p> <p>N/A</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
		NUMBER	UNITS		
See attached format - tentatively approved 11 June 1976.					

Password:

accNo	fleA	refNo	proj	inst	ship	startDate	cruise	catId
7900063	F040	TR3874	0081	31W6	3191	1978/04/29	FG7804	308903
7900063	F040	TR3875	0081	31W6	3191	1978/05/01	FG7805	308904
7900063	F040	TR3876	0081	31W6	3191	1978/05/04	FG7806	308905
7900063	F040	TR3877	0081	31W6	3191	1978/05/11	FG7807	308906
7900063	F040	TR3878	0081	31W6	317B	1978/06/20	FG7808	308907
7900063	F040	TR3879	0081	31W6	32FS	1978/06/19	FG7809	308908

(6 rows affected)

Password:

accNo	fleA	refNo	ship	staCnt	recCnt	startDate	endDate
7900063	F040	TR3874	3191	17	185	78/04/29	78/04/29
7900063	F040	TR3875	3191	30	439	78/05/01	78/05/01
7900063	F040	TR3876	3191	33	496	78/05/04	78/05/04
7900063	F040	TR3877	3191	35	582	78/05/11	78/05/11
7900063	F040	TR3878	317B	81	1386	78/06/20	78/08/15
7900063	F040	TR3879	32FS	26	505	78/06/19	78/08/13

(6 rows affected)