

DDF A: 4: 22

DATE:

TO:

FROM:

SUBJECT: Error Correction in Processing of Data Set - Accession # 8000431

- 1) File Type: F025
- 2) Project Ident.: OCDEAP
- 3) Track Nos.: TR 6138-6179

I. Error Corrections as reported to Principal Investigator:

ErrorCorrection Completed (Check)

*See attached sheet **

*Japanomic Code*8172060601 is changed*
to 8172061101

Japanomic Name changed to Thyronidom*
Commence

II. Additional error corrections:

ErrorCorrection Completed (Check)III. Processor Name: J. Nelson

* I. Error Corrections

Bob

5/17/81

FT 025 TR6138 - 6179

1. Change SYSIN to ~~over~~ ~~to~~ ~~format~~ 2 columns ✓
2. Change 'stomach contents volume' minimum range from 000001 to 000000 ✓
Record # 7 col 45 ✓
3. Change 'wt sample' minimum range from 010 to 005 Record # 5 col 37. Also was change to SYSIN not made.
4. Change 'minutes measurement' minimum range from 010 to 005 Record # 3 col 36 ✓
5. Leave 'dating of mammals' as is - OK

bid

TAPE OR DISK ASSIGNMENT SHEET
(MRL) 11/6/78
(Rev. 11/80)

ACCESSION/TRACK NO.: *80 01431 TR 6138-6179*

| TYPE OF TAPE | TAPE NUMBER | LABEL | LRECL | BLKSIZE | RECFM | REMARKS | # RECORDS |
|------------------|--------------------------------------|-----------|-----------|-------------|-----------|---------|---------------|
| ORIGINATOR | <i>CRANES</i> | <i>NL</i> | <i>80</i> | <i>4800</i> | <i>FB</i> | | |
| DUPLICATE | <i>015498</i> | <i>SL</i> | <i>80</i> | <i>4800</i> | <i>FB</i> | | |
| REFORMATTED | | | | | | | |
| FIRST USER | | | | | | | |
| FINAL USER | | | | | | | |
| DISK FILE | DSN | | | | | REMARKS | # RECORDS |
| WORK DISK FILE | <i>DIS JOY * ODATA. F025 T 6138,</i> | | | | | | <i>11,195</i> |
| EDITED DISK FILE | <i>DNABE X MPD75. F025 T 6138</i> | | | | | | <i>11,195</i> |

DATE:

TO:

FROM:

SUBJECT: Error Correction in Processing of Data Set - Accession # 80-0431

- 1) File Type: 025
- 2) Project Ident.: OCSEAP
- 3) Track Nos.: TR 6138 - 6179

I. Error Corrections as reported to Principal Investigator:

| | |
|--------------|-------------------------------------|
| <u>Error</u> | <u>Correction Completed (Check)</u> |
|--------------|-------------------------------------|

*See attached sheet **
*Japanomic Code*8172060601 is changed*
to 8172061101
Japanomic Name changed to Shyonedun*
Commune

II. Additional error corrections:

| | |
|--------------|-------------------------------------|
| <u>Error</u> | <u>Correction Completed (Check)</u> |
|--------------|-------------------------------------|

III. Processor Name:

J Nelson

* I. Error Corrections

Bob

6/17/81

FT 025 TR6138 - 6179

1. Change SYSIN to correct first 2 columns ✓
2. Change "stomach content volume" minimum range from 000001 to 000000
Record # 7 col 45 ✓
3. Change "wt ovary" minimum range from 010 to 005 Record # 5 col 34 ok w/ was change to SYSIN not made.
4. Change "ovary measurement" minimum range from 010 to 005 Record # 3 col 36 ✓
5. Leave "dating of mammals" as is - ok

Rich

TAPE OR DISK ASSIGNMENT SHEET
(MRL) 11/6/78
(Rev. 11/80)

ACCESSION/TRACK NO.: *80 0431 TR6138-6179*

| TYPE OF TAPE | TAPE NUMBER | LABEL | LRECL | BLKSIZE | RECFM | REMARKS | # RECORDS |
|------------------|-----------------------------------|-----------|-----------|-------------|-----------|---------|---------------|
| ORIGINATOR | <i>CRANE 8</i> | <i>NL</i> | <i>80</i> | <i>4800</i> | <i>FB</i> | | |
| DUPLICATE | <i>015498</i> | <i>SL</i> | <i>80</i> | <i>4800</i> | <i>FB</i> | | |
| REFORMATTED | | | | | | | |
| FIRST USER | | | | | | | |
| FINAL USER | | | | | | | |
| DISK FILE | DSN | | | | | REMARKS | # RECORDS |
| WORK DISK FILE | <i>D15 JOY * ODATA.F025T6138;</i> | | | | | | <i>11,195</i> |
| EDITED DISK FILE | | | | | | | |

DATA DOCUMENTATION FORM

TR 6138

NOAA FORM 24-13 (4-77)

U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL OCEANOGRAPHIC DATA CENTER
RECORDS SECTION
WASHINGTON, DC 20235

FORM APPROVED
O.M.B. No. 41-R2651
EXPIRES 1-81

(While you are not required to use this form, it is the most desirable mechanism for providing the required ancillary information enabling the NODC and users to obtain the greatest benefit from your data.)

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 | | | |
| John J. Burns, Lloyd F. Lowry and Kathryn J. Frost Alaska Department of Fish and Game 1300 College Road Fairbanks, Alaska 99701 907-452-1531 | | | R.U. #s 230, 232 |
| 2. EXPEDITION, PROJECT, OR PROGRAM DURING WHICH DATA WERE COLLECTED | | 3. CRUISE NUMBER(S) USED BY ORIGINATOR TO IDENTIFY DATA IN THIS SHIPMENT | |
| NOAA/OCSEAP | | 578 HPB | |
| 4. PLATFORM NAME(S) | 5. PLATFORM TYPE(S) (E.G., SHIP, BUOY, ETC.) | 6. PLATFORM AND OPERATOR NATIONALITY(IES) | 7. DATES |
| Hooper Bay, AK | coastal village | U.S.A. | U.S.A. |
| | | PLATFORM | OPERATOR |
| | | U.S.A. | U.S.A. |
| | | FROM: MO/PAY/YR | TO: MO/DAY/YR |
| | | 4/29/78 | 5/12/78 |
| 8. ARE DATA PROPRIETARY? | | 11. PLEASE DARKEN ALL MARSDEN SQUARES IN WHICH ANY DATA CONTAINED IN YOUR SUBMISSION WERE COLLECTED. | |
| <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES | | GENERAL AREA | |
| IF YES, WHEN CAN THEY BE RELEASED FOR GENERAL USE? YEAR MONTH | | | |
| 5. 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) | | | |
| Kathryn J. Frost 907-452-1531 | | | |

DATA DOCUMENTATION FORM

TR 6139

NOAA FORM 24-13
(4-77)

U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL OCEANOGRAPHIC DATA CENTER
RECORDS SECTION
WASHINGTON, DC 20235

FORM APPROVED
O.M.B. No. 41-R2651
EXPIRES 1-81

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A. ORIGINATOR IDENTIFICATION

THIS SECTION MUST BE COMPLETED BY DONOR FOR ALL DATA TRANSMITTALS

1. NAME AND ADDRESS OF INSTITUTION, LABORATORY, OR ACTIVITY WITH WHICH SUBMITTED DATA ARE ASSOCIATED

John J. Burns, Lloyd F. Lowry and Kathryn J. Frost
Alaska Department of Fish and Game
1300 College Road
Fairbanks, Alaska 99701
907-452-1531

R.U. #s 230, 232

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

NOAA/OCSEAP

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

278 KOT

4. PLATFORM NAME(S)

Kotzebue, AK

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

coastal village

6. PLATFORM AND OPERATOR NATIONALITY(IES)

| PLATFORM | OPERATOR |
|----------|----------|
| U.S.A. | U.S.A. |

7. DATES

| FROM: MO, DAY, YR | TO: MO, DAY, YR |
|-------------------|-----------------|
| 2/78 | 2/78 |

8. ARE DATA PROPRIETARY?

NO YES

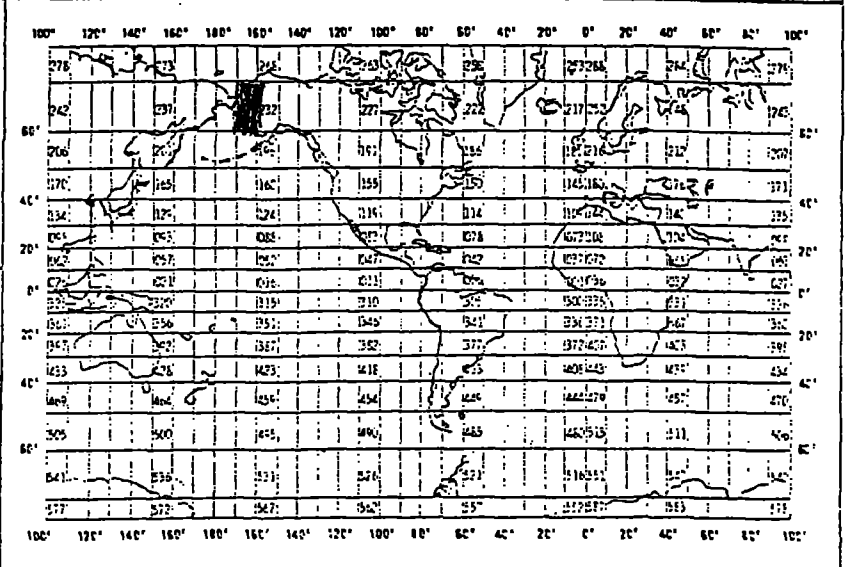
IF YES, WHEN CAN THEY BE RELEASED FOR GENERAL USE? YEAR _____ MONTH _____

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?)

NO YES PART (SPECIFY BELOW)



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

Kathryn J. Frost
907-452-1531

DATA DOCUMENTATION FORM

TR 6140

NOAA FORM 24-13
(4-77)U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL OCEANOGRAPHIC DATA CENTER
RECORDS SECTION
WASHINGTON, DC 20235FORM APPROVED
O.M.B. No. 41-R2651
EXPIRES 1-81

(While you are not required to use this form, it is the most desirable mechanism for providing the required ancillary information enabling the NODC and users to obtain the greatest benefit from your data.)

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A. ORIGINATOR IDENTIFICATION

THIS SECTION MUST BE COMPLETED BY DONOR FOR ALL DATA TRANSMITTALS

| | | | |
|---|---|--|------------------|
| 1. NAME AND ADDRESS OF INSTITUTION, LABORATORY, OR ACTIVITY WITH WHICH SUBMITTED DATA ARE ASSOCIATED | | | |
| John J. Burns, Lloyd F. Lowry and Kathryn J. Frost Alaska Department of Fish and Game 1300 College Road Fairbanks, Alaska 99701 907-452-1531 | | | R.U. #s 230, 232 |
| 2. EXPEDITION, PROJECT, OR PROGRAM DURING WHICH DATA WERE COLLECTED | | 3. CRUISE NUMBER(S) USED BY ORIGINATOR TO IDENTIFY DATA IN THIS SHIPMENT | |
| NOAA/OCSEAP | | 178 SHI | |
| 4. PLATFORM NAME(S) | 5. PLATFORM TYPE(S) (E.G., SHIP, BUOY, ETC.) | 6. PLATFORM AND OPERATOR NATIONALITY(IES) | 7. DATES |
| Shishmaref, AK | coastal village | PLATFORM | OPERATOR |
| | | U.S.A. | U.S.A. |
| FROM: MO, DAY, YR | | TO: MO, DAY, YR | |
| | | 1/28/78 2/10/78 | |
| 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) Kathryn J. Frost 907-452-1531 | | | |

DATA DOCUMENTATION FORM

TR 6141

NOAA FORM 24-13
(4-77)

U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL OCEANOGRAPHIC DATA CENTER
RECORDS SECTION
WASHINGTON, DC 20235

FORM APPROVED
O.M.B. No. 41-R2651
EXPIRES 1-81

(While you are not required to use this form, it is the most desirable mechanism for providing the required ancillary information enabling the NODC and users to obtain the greatest benefit from your data.)

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

John J. Burns, Lloyd F. Lowry and Kathryn J. Frost
Alaska Department of Fish and Game
1300 College Road
Fairbanks, Alaska 99701
907-452-1531

R.U. #s 230, 232

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

NOAA/OCSEAP

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

57854V

4. PLATFORM NAME(S)

NOAA ship
SURVEYOR

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

ship

6. PLATFORM AND OPERATOR NATIONALITY(IES)

| PLATFORM | OPERATOR |
|----------|----------|
| U.S.A. | U.S.A. |

7. DATES

| FROM: MO, DAY, YR | TO: MO, DAY, YR |
|-------------------|-----------------|
| 5/4/78 | 6/10/78 |

8. ARE DATA PROPRIETARY?

NO YES

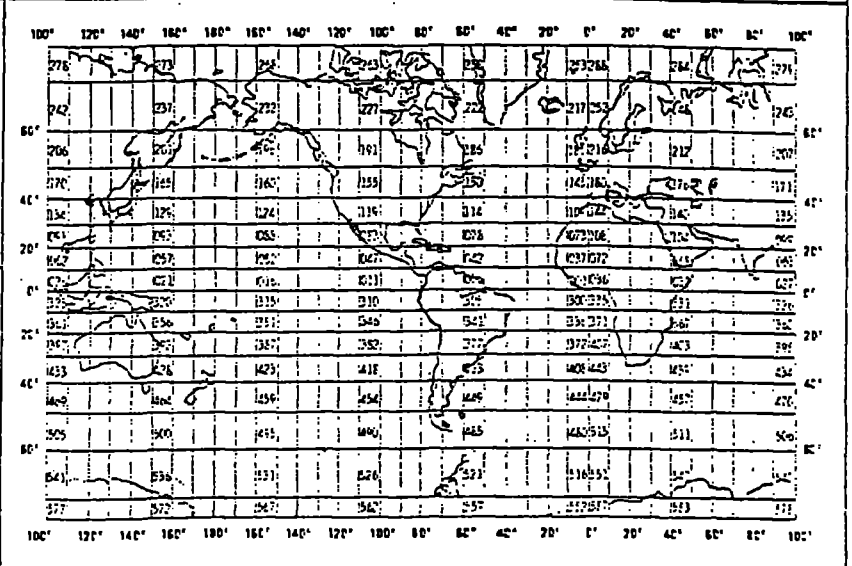
IF YES, WHEN CAN THEY BE RELEASED FOR GENERAL USE? YEAR _____ MONTH _____

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?)

NO YES PART (SPECIFY BELOW)



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

Kathryn J. Frost
907-452-1531

DATA DOCUMENTATION FORM

TR 6142

NOAA FORM 24-13
(4-77)

U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL OCEANOGRAPHIC DATA CENTER
RECORDS SECTION
WASHINGTON, DC 20235

FORM APPROVED
O.M.B. No. 41-R2651
EXPIRES 1-81

(While you are not required to use this form, it is the most desirable mechanism for providing the required ancillary information enabling the NODC and users to obtain the greatest benefit from your data.)

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 | | | |
| John J. Burns, Lloyd F. Lowry and Kathryn J. Frost Alaska Department of Fish and Game 1300 College Road Fairbanks, Alaska 99701 907-452-1531 | | | R.U. #s 230, 232 |
| 2. EXPEDITION, PROJECT, OR PROGRAM DURING WHICH DATA WERE COLLECTED | | 3. CRUISE NUMBER(S) USED BY ORIGINATOR TO IDENTIFY DATA IN THIS SHIPMENT | |
| NOAA/OCSEAP | | 578WAI | |
| 4. PLATFORM NAME(S) | 5. PLATFORM TYPE(S) (E.G., SHIP, BUOY, ETC.) | 6. PLATFORM AND OPERATOR NATIONALITY(IES) | 7. DATES |
| Wainwright, AK | coastal village | U.S.A. | FROM: MO, DAY, YR TO: MO, DAY, YR |
| | | U.S.A. | 4/5/78 18/5/78 |
| 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) | | | |
| Kathryn J. Frost 907-452-1531 | | | |

DATA DOCUMENTATION FORM

TR 6143

NOAA FORM 24-13
(4-77)

U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL OCEANOGRAPHIC DATA CENTER
RECORDS SECTION
WASHINGTON, DC 20235

FORM APPROVED
O.M.B. No. 41-R2651
EXPIRES 1-81

(While you are not required to use this form, it is the most desirable mechanism for providing the required ancillary information enabling the NODC and users to obtain the greatest benefit from your data.)

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

John J. Burns, Lloyd F. Lowry and Kathryn J. Frost
Alaska Department of Fish and Game
1300 College Road
Fairbanks, Alaska 99701
907-452-1531

R.U. #s 230, 232

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

NOAA/OCSEAP

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

778 WAI

4. PLATFORM NAME(S)

Wainwright, AK

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

coastal village

6. PLATFORM AND OPERATOR NATIONALITY(IES)

| PLATFORM | OPERATOR |
|----------|----------|
| U.S.A. | U.S.A. |

7. DATES

| FROM: MO/DAY/YR | TO: MO/DAY/YR |
|-----------------|---------------|
| 7/1/78 | 7/12/78 |

8. ARE DATA PROPRIETARY?

NO YES

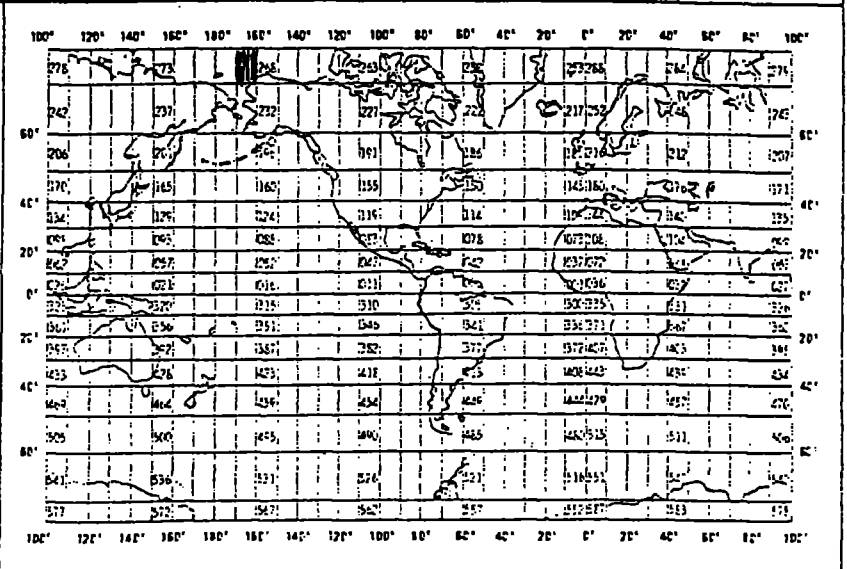
IF YES, WHEN CAN THEY BE RELEASED FOR GENERAL USE? YEAR _____ MONTH _____

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?)

NO YES PART (SPECIFY BELOW)



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

Kathryn J. Frost
907-452-1531

DATA DOCUMENTATION FORM

TR 6144

NOAA FORM 24-13 (4-77)

U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL OCEANOGRAPHIC DATA CENTER
RECORDS SECTION
WASHINGTON, DC 20235

FORM APPROVED
O.M.B. No. 43-R265
EXPIRES 1-81

(While you are not required to use this form, it is the most desirable mechanism for providing the required ancillary information enabling the NODC and users to obtain the greatest benefit from your data.)

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A. ORIGINATOR IDENTIFICATION

THIS SECTION MUST BE COMPLETED BY DONOR FOR ALL DATA TRANSMITTALS

1. NAME AND ADDRESS OF INSTITUTION, LABORATORY, OR ACTIVITY WITH WHICH SUBMITTED DATA ARE ASSOCIATED

John J. Burns, Lloyd P. Lowry and Kathryn J. Frost
Alaska Department of Fish and Game
1300 College Road
Fairbanks, Alaska 99701
907-452-1531

R.U. #s 230, 232

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

NOAA/OCSEAP

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

378 PRU

4. PLATFORM NAME(S)

NOAA Helicopter

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

Helicopter

6. PLATFORM AND OPERATOR NATIONALITY(IES)

| PLATFORM | OPERATOR |
|----------|----------|
| U.S.A. | U.S.A. |

7. DATES

| FROM: MO, DAY, YR | TO: MO, DAY, YR |
|-------------------|-----------------|
| 3/27/78 | 3/28/78 |

8. ARE DATA PROPRIETARY?

NO YES

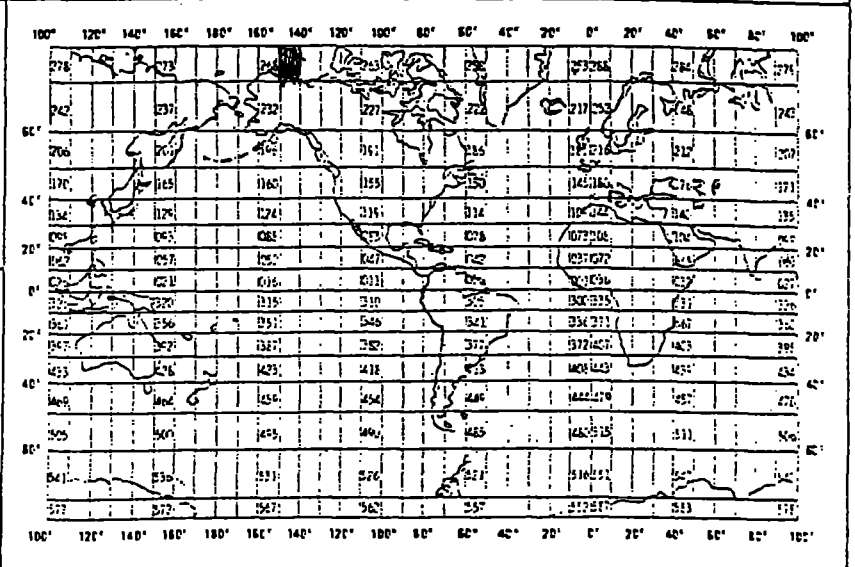
IF YES, WHEN CAN THEY BE RELEASED FOR GENERAL USE? YEAR MONTH

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?)

NO YES PART (SPECIFY BELOW)



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

Kathryn J. Frost
907-452-1531

DATA DOCUMENTATION FORM

TR 6145

NOAA FORM 24-13
(4-77)

U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL OCEANOGRAPHIC DATA CENTER
RECORDS SECTION
WASHINGTON, DC 20235

FORM APPROVED
O.M.B. No. 41-R2651
EXPIRES 1-81

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John J. Burns, Lloyd F. Lowry and Kathryn J. Frost
Alaska Department of Fish and Game
1300 College Road
Fairbanks, Alaska 99701
907-452-1531

R.U. #s 230, 232

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

NOAA/OCSEAP

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

N 78 PRU

4. PLATFORM NAME(S)

NPAF Helicopter

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

Helicopter

6. PLATFORM AND OPERATOR NATIONALITY(IES)

| PLATFORM | OPERATOR |
|----------|----------|
| U.S.A. | U.S.A. |

7. DATES

| FROM: MO/DAY/YR | TO: MO/DAY/YR |
|-----------------|---------------|
| 11/5/78 | 11/11/78 |

6. ARE DATA PROPRIETARY?

NO YES

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

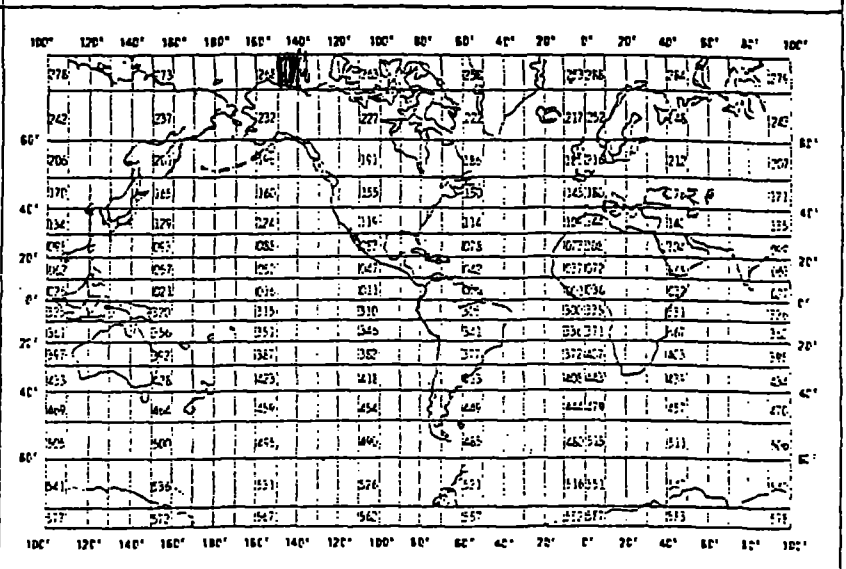
11. PLEASE DARKEN ALL MARSDEN SQUARES IN WHICH ANY DATA CONTAINED IN YOUR SUBMISSION WERE COLLECTED.

GENERAL AREA

9. ARE DATA DECLARED NATIONAL PROGRAM (DNP)?

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

NO YES PART (SPECIFY BELOW)



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

Kathryn J. Frost
907-452-1531

DATA DOCUMENTATION FORM

TR 6146

NOAA FORM 24-13
(4-77)

U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL OCEANOGRAPHIC DATA CENTER
RECORDS SECTION
WASHINGTON, DC 20235

FORM APPROVED
O.M.B. No. 41-R2651
EXPIRES 1-81

(While you are not required to use this form, it is the most desirable mechanism for providing the required ancillary information enabling the NODC and users to obtain the greatest benefit from your data.)

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

John J. Burns, Lloyd F. Lowry and Kathryn J. Frost
Alaska Department of Fish and Game
1300 College Road
Fairbanks, Alaska 99701
907-452-1531

R.U. #s 230, 232

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

NOAA/OCSEAP

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

378 BAR

4. PLATFORM NAME(S)

Barrow / NOAA Helicopter

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

helicopter

6. PLATFORM AND OPERATOR NATIONALITY(IES)

| PLATFORM | OPERATOR |
|----------|----------|
| U.S.A. | U.S.A. |

7. DATES

| FROM: MO, DAY, YR | TO: MO, DAY, YR |
|-------------------|-----------------|
| 3 / 26 / 78 | 4 / 4 / 78 |

8. ARE DATA PROPRIETARY?

NO YES

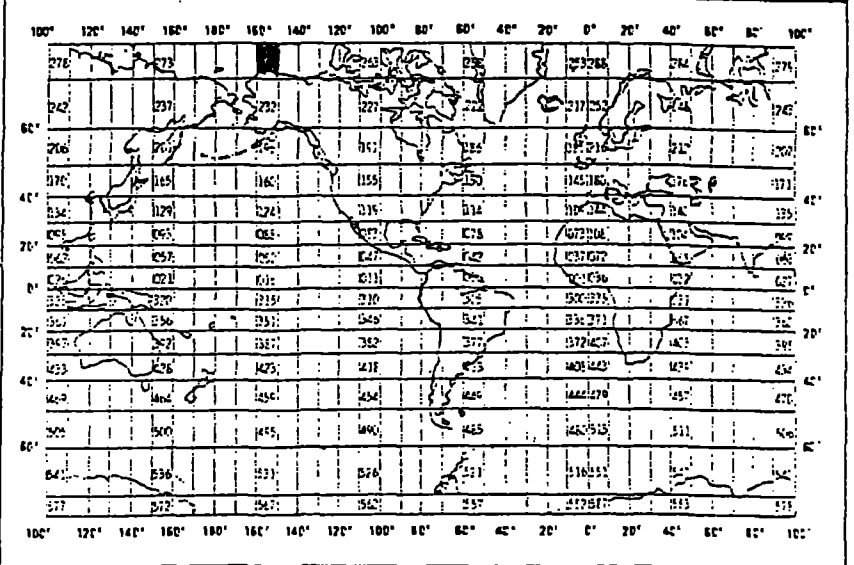
IF YES, WHEN CAN THEY BE RELEASED FOR GENERAL USE? YEAR _____ MONTH _____

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?)

NO YES PART (SPECIFY BELOW)



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

Kathryn J. Frost
907-452-1531

DATA DOCUMENTATION FORM

TR 6147

NOAA FORM 24-13
(4-77)U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL OCEANOGRAPHIC DATA CENTER
RECORDS SECTION
WASHINGTON, DC 20235FORM APPROVED
O.M.B. No. 41-R2651
EXPIRES 1-81

(While you are not required to use this form, it is the most desirable mechanism for providing the required ancillary information enabling the NODC and users to obtain the greatest benefit from your data.)

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 | | | |
| John J. Burns, Lloyd F. Lowry and Kathryn J. Frost Alaska Department of Fish and Game 1300 College Road Fairbanks, Alaska 99701 907-452-1531 | | | R.U. #s 230, 232 |
| 2. EXPEDITION, PROJECT, OR PROGRAM DURING WHICH DATA WERE COLLECTED | | 3. CRUISE NUMBER(S) USED BY ORIGINATOR TO IDENTIFY DATA IN THIS SHIPMENT | |
| NOAA/OCSEAP | | N78BAR | |
| 4. PLATFORM NAME(S) | 5. PLATFORM TYPE(S) (E.G., SHIP, BUOY, ETC.) | 6. PLATFORM AND OPERATOR NATIONALITY(IES) | 7. DATES |
| Barrow, AK NOAA Helicopter UH1H | 05 helicopter | U.S.A. U.S.A. | FROM: MC/DAY/YR TO: MC/DAY/YR 11/13/78 11/16/78 |
| 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) | | | |
| Kathryn J. Frost 907-452-1531 | | | |

DATA DOCUMENTATION FORM

TR 6148

NOAA FORM 24-13
(4-77)

U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL OCEANOGRAPHIC DATA CENTER
RECORDS SECTION
WASHINGTON, DC 20235

FORM APPROVED
O.M.B. No. 41-R2651
EXPIRES 1-81

(While you are not required to use this form, it is the most desirable mechanism for providing the required ancillary information enabling the NODC and users to obtain the greatest benefit from your data.)

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 | | | |
| John J. Burns, Lloyd F. Lowry and Kathryn J. Frost Alaska Department of Fish and Game 1300 College Road Fairbanks, Alaska 99701 907-452-1531 | | | |
| R.U. #s 230, 232 | | | |
| 2. EXPEDITION, PROJECT, OR PROGRAM DURING WHICH DATA WERE COLLECTED | | 3. CRUISE NUMBER(S) USED BY ORIGINATOR TO IDENTIFY DATA IN THIS SHIPMENT | |
| NOAA/OCSEAP | | 878 NWD | |
| 4. PLATFORM NAME(S) | 5. PLATFORM TYPE(S) (E.G., SHIP, BUOY, ETC.) | 6. PLATFORM AND OPERATOR NATIONALITY(IES) | 7. DATES |
| USCGC Northwind | Ship/Icebreaker | U.S.A. | U.S.A. |
| | | PLATFORM | OPERATOR |
| | | U.S.A. | U.S.A. |
| | | FROM: MO/DAY/YR | TO: MO/DAY/YR |
| | | 8/20/78 | 8/22/78 |
| 8. ARE DATA PROPRIETARY? <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES | | 11. PLEASE DARKEN ALL MARSDEN SQUARES IN WHICH ANY DATA CONTAINED IN YOUR SUBMISSION WERE COLLECTED. | |
| IF YES, WHEN CAN THEY BE RELEASED FOR GENERAL USE? YEAR _____ MONTH _____ | | GENERAL AREA | |
| 9. ARE DATA DECLARED NATIONAL PROGRAM (DNP)? I.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) | | | |
| Kathryn J. Frost 907-452-1531 | | | |

DATA DOCUMENTATION FORM

TR 6149

NOAA FORM 24-13
(4-77)

U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL OCEANOGRAPHIC DATA CENTER
RECORDS SECTION
WASHINGTON, DC 20235

FORM APPROVED
O.M.B. No. 41-R2651
EXPIRES 1-81

(While you are not required to use this form, it is the most desirable mechanism for providing the required ancillary information enabling the NODC and users to obtain the greatest benefit from your data.)

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 | | | |
| John J. Burns, Lloyd F. Lowry and Kathryn J. Frost Alaska Department of Fish and Game 1300 College Road Fairbanks, Alaska 99701 907-452-1531 | | | R.U. #s 230, 232 |
| 2. EXPEDITION, PROJECT, OR PROGRAM DURING WHICH DATA WERE COLLECTED | | 3. CRUISE NUMBER(S) USED BY ORIGINATOR TO IDENTIFY DATA IN THIS SHIPMENT | |
| NOAA/OCSEAP | | 178 SAV | |
| 4. PLATFORM NAME(S) | 5. PLATFORM TYPE(S) (E.G., SHIP, BUOY, ETC.) | 6. PLATFORM AND OPERATOR NATIONALITY(IES) | 7. DATES |
| Savoonga, AK | coastal village | U.S.A. | U.S.A. |
| | | PLATFORM | OPERATOR |
| | | U.S.A. | U.S.A. |
| | | FROM: MO, DAY, YR | TO: MO, DAY, YR |
| | | 1/1/78 | 5/28/78 |
| 8. ARE DATA PROPRIETARY? | | 11. PLEASE DARKEN ALL MARSDEN SQUARES IN WHICH ANY DATA CONTAINED IN YOUR SUBMISSION WERE COLLECTED. | |
| <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES | | GENERAL AREA | |
| IF YES, WHEN CAN THEY BE RELEASED FOR GENERAL USE? YEAR _____ MONTH _____ | | | |
| 9. ARE DATA DECLARED NATIONAL PROGRAM (DNP)? (I.E., SHOULD THEY BE INCLUDED IN WORLD DATA CENTERS HOLDINGS FOR INTERNATIONAL EXCHANGE?) | | | |
| <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) | | | |
| Kathryn J. Frost 907-452-1531 | | | |

DATA DOCUMENTATION FORM

TR 6150

NOAA FORM 24-13
(4-77)

U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL OCEANOGRAPHIC DATA CENTER
RECORDS SECTION
WASHINGTON, DC 20235

FORM APPROVED
O.M.B. No. 41-R2651
EXPIRES 1-81

(While you are not required to use this form, it is the most desirable mechanism for providing the required ancillary information enabling the NODC and users to obtain the greatest benefit from your data.)

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 | | | |
| John J. Burns, Lloyd F. Lowry and Kathryn J. Frost Alaska Department of Fish and Game 1300 College Road Fairbanks, Alaska 99701 907-452-1531 | | | R.U. #s 230, 232 |
| 2. EXPEDITION, PROJECT, OR PROGRAM DURING WHICH DATA WERE COLLECTED | | 3. CRUISE NUMBER(S) USED BY ORIGINATOR TO IDENTIFY DATA IN THIS SHIPMENT | |
| NOAA/OCSEAP | | 5785AV | |
| 4. PLATFORM NAME(S) | 5. PLATFORM TYPE(S) (E.G., SHIP, BUOY, ETC.) | 6. PLATFORM AND OPERATOR NATIONALITY(IES) | 7. DATES |
| Savong, AK | coastal village | U.S.A. | U.S.A. |
| | | PLATFORM | OPERATOR |
| | | U.S.A. | U.S.A. |
| | | FROM: MC, DAY, YR | TO: MC, DAY, YR |
| | | 5/6/78 | 6/12/78 |
| 8. ARE DATA PROPRIETARY? <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES | | 11. PLEASE DARKEN ALL MARSDEN SQUARES IN WHICH ANY DATA CONTAINED IN YOUR SUBMISSION WERE COLLECTED. | |
| IF YES, WHEN CAN THEY BE RELEASED FOR GENERAL USE? YEAR _____ MONTH _____ | | 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) | | | |
| Kathryn J. Frost 907-452-1531 | | | |

DATA DOCUMENTATION FORM

TR 6151

NOAA FORM 24-13
(4-77)

U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL OCEANOGRAPHIC DATA CENTER
RECORDS SECTION
WASHINGTON, DC 20235

FORM APPROVED
O.M.B. No. 41-R2651
EXPIRES 1-81

(While you are not required to use this form, it is the most desirable mechanism for providing the required ancillary information enabling the NODC and users to obtain the greatest benefit from your data.)

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A. ORIGINATOR IDENTIFICATION

THIS SECTION MUST BE COMPLETED BY DONOR FOR ALL DATA TRANSMITTALS

| | | | |
|---|---|--|------------------|
| 1. NAME AND ADDRESS OF INSTITUTION, LABORATORY, OR ACTIVITY WITH WHICH SUBMITTED DATA ARE ASSOCIATED | | | |
| John J. Burns, Lloyd F. Lowry and Kathryn J. Frost Alaska Department of Fish and Game 1300 College Road Fairbanks, Alaska 99701 907-452-1531 | | | R.U. #s 230, 232 |
| 2. EXPEDITION, PROJECT, OR PROGRAM DURING WHICH DATA WERE COLLECTED | | 3. CRUISE NUMBER(S) USED BY ORIGINATOR TO IDENTIFY DATA IN THIS SHIPMENT | |
| NOAA/OCSEAP | | 678WAL | |
| 4. PLATFORM NAME(S) | 5. PLATFORM TYPE(S) (E.G., SHIP, BUOY, ETC.) | 6. PLATFORM AND OPERATOR NATIONALITY(IES) | 7. DATES |
| Wales, AK | coastal village | U.S.A. | U.S.A. |
| | | PLATFORM | OPERATOR |
| | | FROM: MO, DAY, YR | TO: MO, DAY, YR |
| | | 5/31/78 | 6/17/78 |
| 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) Kathryn J. Frost 907-452-1531 | | | |

DATA DOCUMENTATION FORM

TR 6152

NOAA FORM 24-13
(4-77)

U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL OCEANOGRAPHIC DATA CENTER
RECORDS SECTION
WASHINGTON, DC 20235

FORM APPROVED
O.M.B. No. 41-R2651
EXPIRES 1-81

(While you are not required to use this form, it is the most desirable mechanism for providing the required ancillary information enabling the NODC and users to obtain the greatest benefit from your data.)

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A. ORIGINATOR IDENTIFICATION

THIS SECTION MUST BE COMPLETED BY DONOR FOR ALL DATA TRANSMITTALS

1. NAME AND ADDRESS OF INSTITUTION, LABORATORY, OR ACTIVITY WITH WHICH SUBMITTED DATA ARE ASSOCIATED

John J. Burns, Lloyd F. Lowry and Kathryn J. Frost
Alaska Department of Fish and Game
1300 College Road
Fairbanks, Alaska 99701
907-452-1531

R.U. #s 230, 232

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

NOAA/OCSEAP

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

378 NOM

4. PLATFORM NAME(S)

Nome, AK

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

coastal village

6. PLATFORM AND OPERATOR NATIONALITY(IES)

| PLATFORM | OPERATOR |
|----------|----------|
| U.S.A. | U.S.A. |

7. DATES

| FROM: MO, DAY, YR | TO: MO, DAY, YR |
|-------------------|-----------------|
| 1/25/78 | 3/15/78 |

8. ARE DATA PROPRIETARY?

NO YES

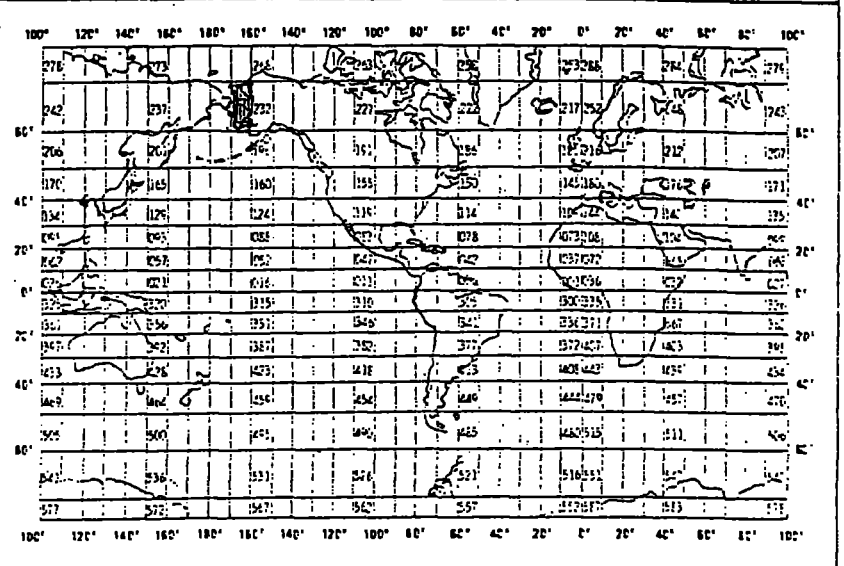
IF YES, WHEN CAN THEY BE RELEASED FOR GENERAL USE? YEAR _____ MONTH _____

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?)

NO YES PART (SPECIFY BELOW)



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

Kathryn J. Frost
907-452-1531

DATA DOCUMENTATION FORM

TR 6153

NOAA FORM 24-13
(6-77)U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL OCEANOGRAPHIC DATA CENTER
RECORDS SECTION
WASHINGTON, DC 20235FORM APPROVED
O.M.B. No. 41-R2651
EXPIRES 1-81

(While you are not required to use this form, it is the most desirable mechanism for providing the required ancillary information enabling the NODC and users to obtain the greatest benefit from your data.)

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A. ORIGINATOR IDENTIFICATION

THIS SECTION MUST BE COMPLETED BY DONOR FOR ALL DATA TRANSMITTALS

| | | | |
|---|---|--|-----------------|
| 1. NAME AND ADDRESS OF INSTITUTION, LABORATORY, OR ACTIVITY WITH WHICH SUBMITTED DATA ARE ASSOCIATED | | | |
| John J. Burns, Lloyd F. Lowry and Kathryn J. Frost Alaska Department of Fish and Game 1300 College Road Fairbanks, Alaska 99701 907-452-1531 | | | |
| R.U. #s 230, 232 | | | |
| 2. EXPEDITION, PROJECT, OR PROGRAM DURING WHICH DATA WERE COLLECTED | | 3. CRUISE NUMBER(S) USED BY ORIGINATOR TO IDENTIFY DATA IN THIS SHIPMENT | |
| NOAA/OCSEAP | | 478 NOM | |
| 4. PLATFORM NAME(S) | 5. PLATFORM TYPE(S) (E.G., SHIP, BUOY, ETC.) | 6. PLATFORM AND OPERATOR NATIONALITY(IES) | 7. DATES |
| None, AK | coastal village | U.S.A. | U.S.A. |
| | | PLATFORM | OPERATOR |
| | | FROM: MO, DAY, YR | TO: MO, DAY, YR |
| | | 4/10/78 | 4/13/78 |
| 8. ARE DATA PROPRIETARY? <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES | | 11. PLEASE DARKEN ALL MARSDEN SQUARES IN WHICH ANY DATA CONTAINED IN YOUR SUBMISSION WERE COLLECTED. | |
| IF YES, WHEN CAN THEY BE RELEASED FOR GENERAL USE? YEAR _____ MONTH _____ | | 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) | | | |
| Kathryn J. Frost 907-452-1531 | | | |

DATA DOCUMENTATION FORM

TR 6154

NOAA FORM 24-13
(4-77)U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL OCEANOGRAPHIC DATA CENTER
RECORDS SECTION
WASHINGTON, DC 20235FORM APPROVED
O.M.B. No. 41-R2651
EXPIRES 1-81

(While you are not required to use this form, it is the most desirable mechanism for providing the required ancillary information enabling the NODC and users to obtain the greatest benefit from your data.)

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A. ORIGINATOR IDENTIFICATION

THIS SECTION MUST BE COMPLETED BY DONOR FOR ALL DATA TRANSMITTALS

| | | | |
|---|---|--|------------------|
| 1. NAME AND ADDRESS OF INSTITUTION, LABORATORY, OR ACTIVITY WITH WHICH SUBMITTED DATA ARE ASSOCIATED | | | |
| John J. Burns, Lloyd F. Lowry and Kathryn J. Frost Alaska Department of Fish and Game 1300 College Road Fairbanks, Alaska 99701 907-452-1531 | | | R.U. #s 230, 232 |
| 2. EXPEDITION, PROJECT, OR PROGRAM DURING WHICH DATA WERE COLLECTED | | 3. CRUISE NUMBER(S) USED BY ORIGINATOR TO IDENTIFY DATA IN THIS SHIPMENT | |
| NOAA/OCSEAP | | 678 NOM | |
| 4. PLATFORM NAME(S) | 5. PLATFORM TYPE(S) (E.G., SHIP, BUOY, ETC.) | 6. PLATFORM AND OPERATOR NATIONALITY(IES) | 7. DATES |
| Nome, AK | coastal village | PLATFORM | OPERATOR |
| | | U.S.A. | U.S.A. |
| FROM: MO, DAY, YR | | TO: MO, DAY, YR | |
| | | 6/8/78 6/12/78 | |
| 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) | | | |
| Kathryn J. Frost 907-452-1531 | | | |

DATA DOCUMENTATION FORM

TR ~~6155~~
6155

NOAA FORM 24-13
(4-77)

U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL OCEANOGRAPHIC DATA CENTER
RECORDS SECTION
WASHINGTON, DC 20235

FORM APPROVED
O.M.B. No. 41-R-2651
EXPIRES 1-81

(While you are not required to use this form, it is the most desirable mechanism for providing the required ancillary information enabling the NODC and users to obtain the greatest benefit from your data.)

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A. ORIGINATOR IDENTIFICATION

THIS SECTION MUST BE COMPLETED BY DONOR FOR ALL DATA TRANSMITTALS

1. NAME AND ADDRESS OF INSTITUTION, LABORATORY, OR ACTIVITY WITH WHICH SUBMITTED DATA ARE ASSOCIATED

John J. Burns, Lloyd F. Lowry and Kathryn J. Frost
Alaska Department of Fish and Game
1300 College Road
Fairbanks, Alaska 99701
907-452-1531

R.U. #s 230, 232

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

NOAA/OCSEAP

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

378 GAM

4. PLATFORM NAME(S)

Gambell, AK

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

coastal village

6. PLATFORM AND OPERATOR NATIONALITY(IES)

| PLATFORM | OPERATOR |
|----------|----------|
| U.S.A. | U.S.A. |

7. DATES

| FROM: MO, DAY, YR | TO: MO, DAY, YR |
|-------------------|-----------------|
| 2/12/78 | 3/25/78 |

8. ARE DATA PROPRIETARY?

NO YES

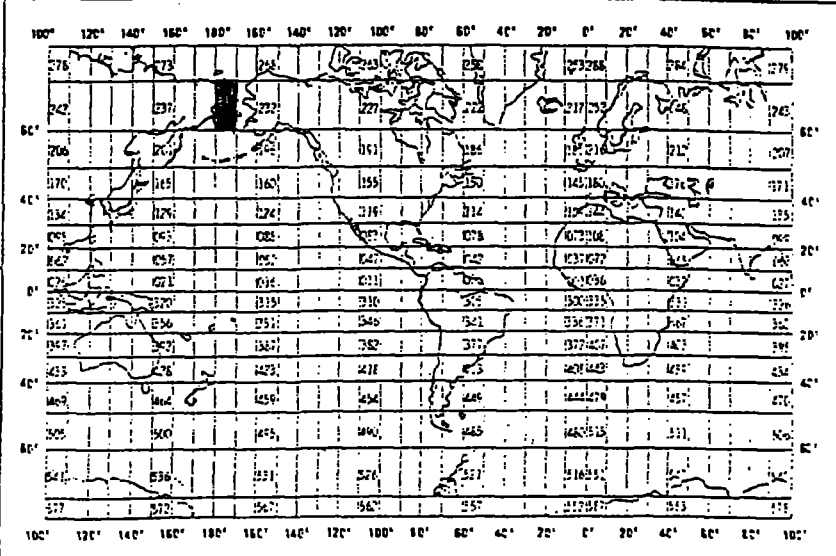
IF YES, WHEN CAN THEY BE RELEASED FOR GENERAL USE? YEAR _____ MONTH _____

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?)

NO YES PART (SPECIFY BELOW)



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

Kathryn J. Frost
907-452-1531

DATA DOCUMENTATION FORM

TR 6156

NOAA FORM 24-13
(4-77)

U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL OCEANOGRAPHIC DATA CENTER
RECORDS SECTION
WASHINGTON, DC 20235

FORM APPROVED
O.M.B. No. 41-R2651
EXPIRES 1-81

(While you are not required to use this form, it is the most desirable mechanism for providing the required ancillary information enabling the NODC and users to obtain the greatest benefit from your data.)

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A. ORIGINATOR IDENTIFICATION

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1. NAME AND ADDRESS OF INSTITUTION, LABORATORY, OR ACTIVITY WITH WHICH SUBMITTED DATA ARE ASSOCIATED

John J. Burns, Lloyd F. Lowry and Kathryn J. Frost
Alaska Department of Fish and Game
1300 College Road
Fairbanks, Alaska 99701
907-452-1531

R.U. #s 230, 232

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

NOAA/OCSEAP

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

578 GAM

4. PLATFORM NAME(S)

Gumbell, AK

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

coastal village

6. PLATFORM AND OPERATOR NATIONALITY(IES)

| PLATFORM | OPERATOR |
|----------|----------|
| U.S.A. | U.S.A. |

7. DATES

| FROM: MO, DAY, YR | TO: MO, DAY, YR |
|-------------------|-----------------|
| 4/28/78 | 6/20/78 |

8. ARE DATA PROPRIETARY?

NO YES

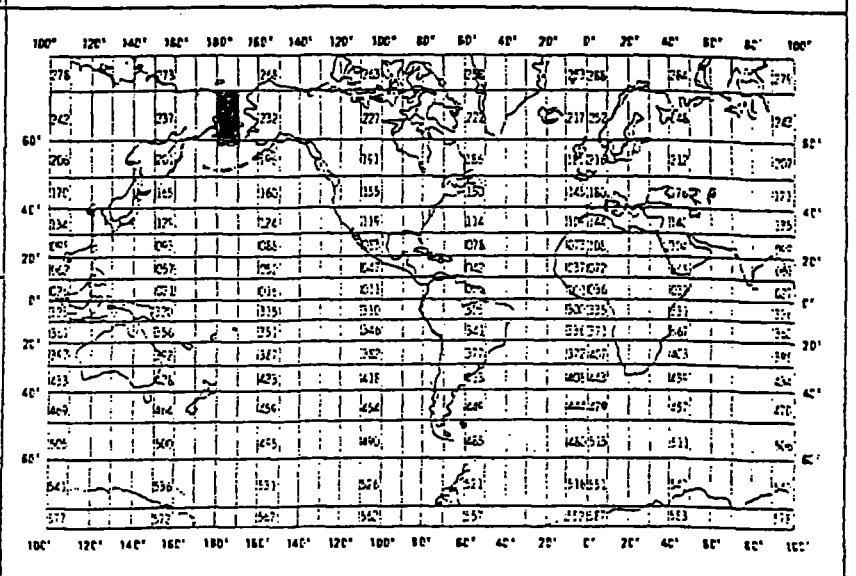
IF YES, WHEN CAN THEY BE RELEASED FOR GENERAL USE? YEAR _____ MONTH _____

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?)

NO YES PART (SPECIFY BELOW)



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

Kathryn J. Frost
907-452-1531

DATA DOCUMENTATION FORM

TR 6157

NOAA FORM 24-13
(4-77)U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL OCEANOGRAPHIC DATA CENTER
RECORDS SECTION
WASHINGTON, DC 20235FORM APPROVED
O.M.B. No. 41-R2651
EXPIRES 1-81

(While you are not required to use this form, it is the most desirable mechanism for providing the required ancillary information enabling the NODC and users to obtain the greatest benefit from your data.)

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A. ORIGINATOR IDENTIFICATION

THIS SECTION MUST BE COMPLETED BY DONOR FOR ALL DATA TRANSMITTALS

| | | | |
|---|---|--|------------------|
| 1. NAME AND ADDRESS OF INSTITUTION, LABORATORY, OR ACTIVITY WITH WHICH SUBMITTED DATA ARE ASSOCIATED | | | |
| John J. Burns, Lloyd F. Lowry and Kathryn J. Frost Alaska Department of Fish and Game 1300 College Road Fairbanks, Alaska 99701 907-452-1531 | | | R.U. #s 230, 232 |
| 2. EXPEDITION, PROJECT, OR PROGRAM DURING WHICH DATA WERE COLLECTED | | 3. CRUISE NUMBER(S) USED BY ORIGINATOR TO IDENTIFY DATA IN THIS SHIPMENT | |
| NOAA/OCSEAP | | 578DJ0 | |
| 4. PLATFORM NAME(S) | 5. PLATFORM TYPE(S) (E.G., SHIP, BUOY, ETC.) | 6. PLATFORM AND OPERATOR NATIONALITY(IES) | 7. DATES |
| Diomedes, AK | village | U.S.A. | U.S.A. |
| | | PLATFORM | OPERATOR |
| | | U.S.A. | U.S.A. |
| | | FROM: MO, DAY, YR | TO: MO, DAY, YR |
| | | 5/19/78 | 6/15/78 |
| 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) | | | |
| Kathryn J. Frost 907-452-1531 | | | |

DATA DOCUMENTATION FORM

TR 6158

NOAA FORM 24-13
(4-77)

U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL OCEANOGRAPHIC DATA CENTER
RECORDS SECTION
WASHINGTON, DC 20235

FORM APPROVED
O.M.B. No. 41-R2651
EXPIRES 1-81

(While you are not required to use this form, it is the most desirable mechanism for providing the required ancillary information enabling the NODC and users to obtain the greatest benefit from your data.)

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A. ORIGINATOR IDENTIFICATION

THIS SECTION MUST BE COMPLETED BY DONOR FOR ALL DATA TRANSMITTALS

1. NAME AND ADDRESS OF INSTITUTION, LABORATORY, OR ACTIVITY WITH WHICH SUBMITTED DATA ARE ASSOCIATED

John J. Burns, Lloyd F. Lowry and Kathryn J. Frost
Alaska Department of Fish and Game
1300 College Road
Fairbanks, Alaska 99701
907-452-1531

R.U. #s 230, 232

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

NOAA/OCSEAP

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

478 PTH

4. PLATFORM NAME(S)

Pt Hope, AK

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

coastal village

6. PLATFORM AND OPERATOR NATIONALITY(IES)

| PLATFORM | OPERATOR |
|----------|----------|
| U.S.A. | U.S.A. |

7. DATES

| FROM: MO, DAY, YR | TO: MO, DAY, YR |
|-------------------|-----------------|
| 4/11/78 | 4/29/78 |

8. ARE DATA PROPRIETARY?

NO YES

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

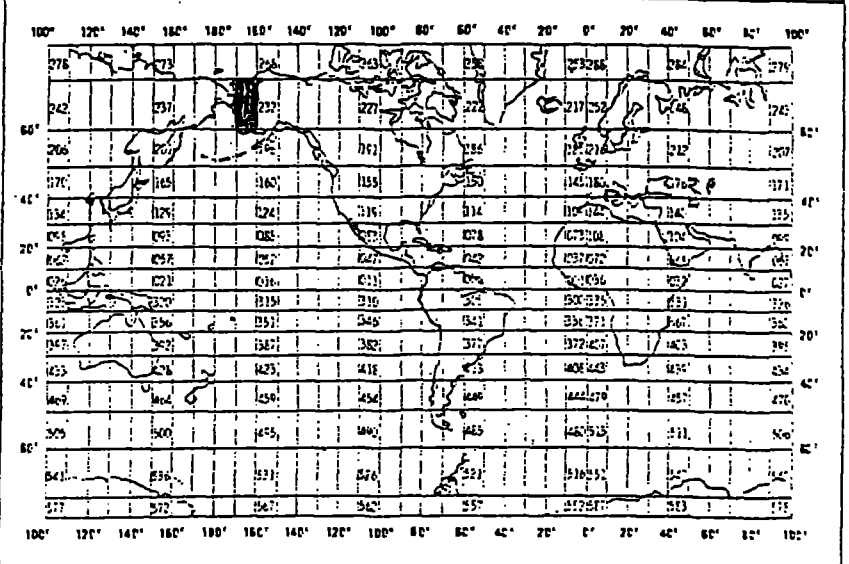
11. PLEASE DARKEN ALL MARSDEN SQUARES IN WHICH ANY DATA CONTAINED IN YOUR SUBMISSION WERE COLLECTED.

GENERAL AREA

9. ARE DATA DECLARED NATIONAL PROGRAM (DNP)?

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

NO YES PART (SPECIFY BELOW)



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

Kathryn J. Frost
907-452-1531

DATA DOCUMENTATION FORM

TR 6159

NOAA FORM 24-13
(4-77)

U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL OCEANOGRAPHIC DATA CENTER
RECORDS SECTION
WASHINGTON, DC 20235

FORM APPROVED
O.M.B. No. 41-R2651
EXPIRES 1-81

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John J. Burns, Lloyd F. Lowry and Kathryn J. Frost
Alaska Department of Fish and Game
1300 College Road
Fairbanks, Alaska 99701
907-452-1531

R.U. #s 230, 232

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

NOAA/OCSEAP

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

678 SHI

4. PLATFORM NAME(S)

Shushmaref, AK

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

coastal village

6. PLATFORM AND OPERATOR NATIONALITY(IES)

| PLATFORM | OPERATOR |
|----------|----------|
| U.S.A. | U.S.A. |

7. DATES

| FROM: MO, DAY, YR | TO: MO, DAY, YR |
|-------------------|-----------------|
| 5/27/78 | 6/21/78 |

8. ARE DATA PROPRIETARY?

NO YES

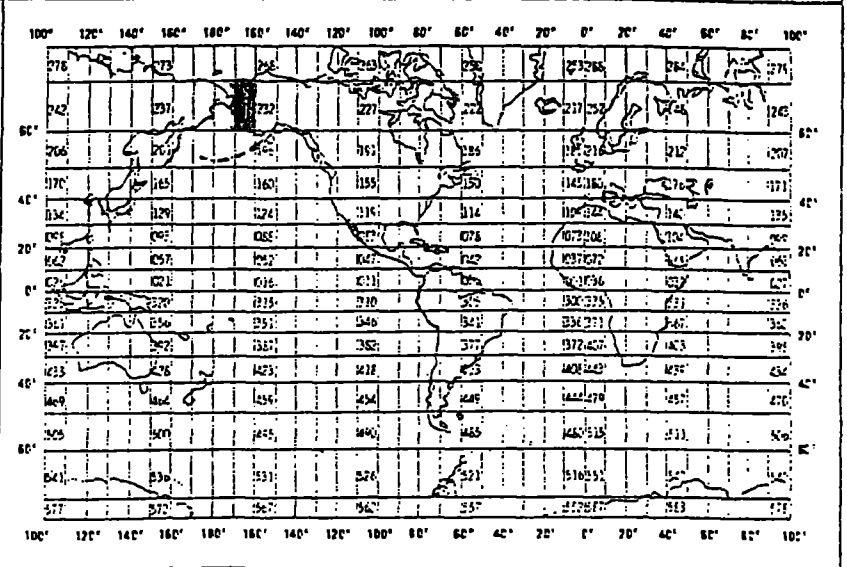
IF YES, WHEN CAN THEY BE RELEASED FOR GENERAL USE? YEAR _____ MONTH _____

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?)

NO YES PART (SPECIFY BELOW)



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

Kathryn J. Frost
907-452-1531

DATA DOCUMENTATION FORM

NOAA FORM 24-13
(4-77)

U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
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WASHINGTON, DC 20235

FORM APPROVED
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EXPIRES 1-81

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| 2. EXPEDITION, PROJECT, OR PROGRAM DURING WHICH DATA WERE COLLECTED NOAA/OCSEAP | | 3. CRUISE NUMBER(S) USED BY ORIGINATOR TO IDENTIFY DATA IN THIS SHIPMENT 279 PRU | |
| 4. PLATFORM NAME(S) NOAA Helicopter | 5. PLATFORM TYPE(S) (E.G., SHIP, BUOY, ETC.) Helicopter | 6. PLATFORM AND OPERATOR NATIONALITY(IES) U.S.A. U.S.A. | 7. DATES FROM: MO, DAY, YR TO: MO, DAY, YR 2/20/79 2/23/79 |
| 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) Kathryn J. Frost 907-452-1531 | | | |

DATA DOCUMENTATION FORM

NOAA FORM 24-13
(4-77)

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WASHINGTON, DC 20235

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EXPIRES 1-81

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|--|--|------------------|

| | |
|--|--|
| 2. EXPEDITION, PROJECT, OR PROGRAM DURING WHICH DATA WERE COLLECTED NOAA/OCSEAP | 3. CRUISE NUMBER(S) USED BY ORIGINATOR TO IDENTIFY DATA IN THIS SHIPMENT 379PRU |
|--|--|

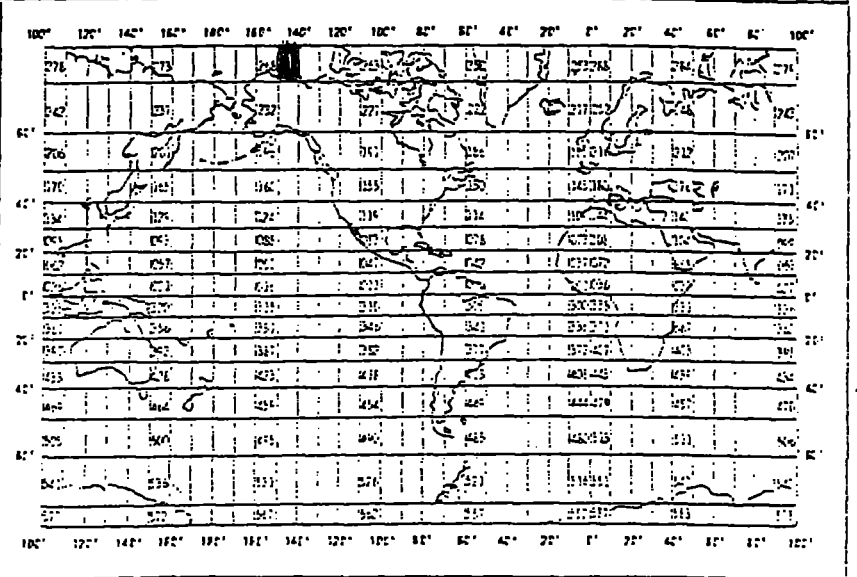
| | | | | | |
|--|---|---|----------|-------------------|-----------------|
| 4. PLATFORM NAME(S) NOAA Helicopter | 5. PLATFORM TYPE(S) (E.G., SHIP, BUOY, ETC.) Helicopter | 6. PLATFORM AND OPERATOR NATIONALITY(IES) | | 7. DATES | |
| | | PLATFORM | OPERATOR | FROM: MO, DAY, YR | TO: MO, DAY, YR |
| | | U.S.A. | U.S.A. | 5/26/79 | 5/28/79 |

8. ARE DATA PROPRIETARY?
 NO 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.I.E., SHOULD THEY BE INCLUDED IN WORLD DATA CENTERS HOLDINGS FOR INTERNATIONAL EXCHANGE?
 NO YES PART (SPECIFY BELOW)



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

Kathryn J. Frost
907-452-1531

DATA DOCUMENTATION FORM

TR 6162

NOAA FORM 24-13
(4-77)

U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL OCEANOGRAPHIC DATA CENTER
RECORDS SECTION
WASHINGTON, DC 20235

FORM APPROVED
O.M.B. No. 41-R2651
EXPIRES 1-82

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THIS SECTION MUST BE COMPLETED BY DONOR FOR ALL DATA TRANSMITTALS

| | | | |
|---|---|--|-----------------------------------|
| 1. NAME AND ADDRESS OF INSTITUTION, LABORATORY, OR ACTIVITY WITH WHICH SUBMITTED DATA ARE ASSOCIATED | | | |
| John J. Burns, Lloyd F. Lowry and Kathryn J. Frost Alaska Department of Fish and Game 1300 College Road Fairbanks, Alaska 99701 907-452-1531 | | | R.U. #s 230, 232 |
| 2. EXPEDITION, PROJECT, OR PROGRAM DURING WHICH DATA WERE COLLECTED | | 3. CRUISE NUMBER(S) USED BY ORIGINATOR TO IDENTIFY DATA IN THIS SHIPMENT | |
| NOAA/OCSEAP | | 279 BAR | |
| 4. PLATFORM NAME(S) | 5. PLATFORM TYPE(S) (E.G., SHIP, BUOY, ETC.) | 6. PLATFORM AND OPERATOR NATIONALITY(IES) | 7. DATES |
| Barrow AK NOAA helicopter | helicopter | U.S.A. | FROM: MO, DAY, YR TO: MO, DAY, YR |
| | | U.S.A. | 2/24/79 2/27/79 |
| 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) | | | |
| Kathryn J. Frost 907-452-1531 | | | |

DATA DOCUMENTATION FORM

TR 6163

NOAA FORM 24-13
(4-77)

U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL OCEANOGRAPHIC DATA CENTER
RECORDS SECTION
WASHINGTON, DC 20235

FORM APPROVED
O.M.B. No. 41-R2651
EXPIRES 1-81

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|--|---|---|--|----------|----------|-------------------|-----------------|--|--|---------|--------|
| <p>2. EXPEDITION, PROJECT, OR PROGRAM DURING WHICH DATA WERE COLLECTED</p> <p>NOAA/OCSEAP</p> | | <p>3. CRUISE NUMBER(S) USED BY ORIGINATOR TO IDENTIFY DATA IN THIS SHIPMENT</p> <p style="text-align: center; font-size: 2em;">4795UV</p> | | | | | | | | | |
| <p>4. PLATFORM NAME(S)</p> <p>NOAA ship SURVEYOR</p> | <p>5. PLATFORM TYPE(S) (E.G., SHIP, BUOY, ETC.)</p> <p>ship</p> | <p>6. PLATFORM AND OPERATOR NATIONALITY(IES)</p> <p>U.S.A. U.S.A.</p> | <p>7. DATES</p> <table border="1"> <thead> <tr> <th>PLATFORM</th> <th>OPERATOR</th> <th>FROM: MO, DAY, YR</th> <th>TO: MO, DAY, YR</th> </tr> </thead> <tbody> <tr> <td></td> <td></td> <td>4/10/79</td> <td>5/3/79</td> </tr> </tbody> </table> | PLATFORM | OPERATOR | FROM: MO, DAY, YR | TO: MO, DAY, YR | | | 4/10/79 | 5/3/79 |
| PLATFORM | OPERATOR | FROM: MO, DAY, YR | TO: MO, DAY, YR | | | | | | | | |
| | | 4/10/79 | 5/3/79 | | | | | | | | |
| <p>8. ARE DATA PROPRIETARY?</p> <p><input checked="" type="checkbox"/> NO <input type="checkbox"/> YES</p> <p>IF YES, WHEN CAN THEY BE RELEASED FOR GENERAL USE? YEAR _____ MONTH _____</p> | | <p>11. PLEASE DARKEN ALL MARSDEN SQUARES IN WHICH ANY DATA CONTAINED IN YOUR SUBMISSION WERE COLLECTED.</p> <p style="text-align: center;">GENERAL AREA</p> | | | | | | | | | |
| <p>9. ARE DATA DECLARED NATIONAL PROGRAM (DNP)?</p> <p>(I.E., SHOULD THEY BE INCLUDED IN WORLD DATA CENTERS HOLDINGS FOR INTERNATIONAL EXCHANGE?)</p> <p><input checked="" type="checkbox"/> NO <input type="checkbox"/> YES <input type="checkbox"/> PART (SPECIFY BELOW)</p> | | | | | | | | | | | |
| <p>10. PERSON TO WHOM INQUIRIES CONCERNING DATA SHOULD BE ADDRESSED WITH TELEPHONE NUMBER (AND ADDRESS IF OTHER THAN IN ITEM-1)</p> <p>Kathryn J. Frost 907-452-1531</p> | | | | | | | | | | | |

DATA DOCUMENTATION FORM

TR 6164

NOAA FORM 24-13
(6-77)U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL OCEANOGRAPHIC DATA CENTER
RECORDS SECTION
WASHINGTON, DC 20235FORM APPROVED
O.M.B. No. 41-R2651
EXPIRES 1-81

(While you are not required to use this form, it is the most desirable mechanism for providing the required ancillary information enabling the NODC and users to obtain the greatest benefit from your data.)

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 | | | |
| John J. Burns, Lloyd F. Lowry and Kathryn J. Frost Alaska Department of Fish and Game 1300 College Road Fairbanks, Alaska 99701 907-452-1531 | | | R.U. #s 230, 232 |
| 2. EXPEDITION, PROJECT, OR PROGRAM DURING WHICH DATA WERE COLLECTED | | 3. CRUISE NUMBER(S) USED BY ORIGINATOR TO IDENTIFY DATA IN THIS SHIPMENT | |
| NOAA/OCSEAP | | 579 D10 | |
| 4. PLATFORM NAME(S) | 5. PLATFORM TYPE(S) (E.G., SHIP, BUOY, ETC.) | 6. PLATFORM AND OPERATOR NATIONALITY(IES) | 7. DATES |
| Diomedes, AK | coastal village | PLATFORM OPERATOR | FROM: MO, DAY, YR TO: MO, DAY, YR |
| | | U.S.A. U.S.A. | 5/13/79 6/8/79 |
| 8. ARE DATA PROPRIETARY? | | 11. PLEASE DARKEN ALL MARSDEN SQUARES IN WHICH ANY DATA CONTAINED IN YOUR SUBMISSION WERE COLLECTED. | |
| <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES | | GENERAL AREA | |
| IF YES, WHEN CAN THEY BE RELEASED FOR GENERAL USE? YEAR MONTH | | | |
| 9. ARE DATA DECLARED NATIONAL PROGRAM (DNP)? (I.E., SHOULD THEY BE INCLUDED IN WORLD DATA CENTERS HOLDINGS FOR INTERNATIONAL EXCHANGE?) | | | |
| <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) | | | |
| Kathryn J. Frost 907-452-1531 | | | |

DATA DOCUMENTATION FORM

TR 6165

NOAA FORM 24-13
(4-77)

U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL OCEANOGRAPHIC DATA CENTER
RECORDS SECTION
WASHINGTON, DC 20235

FORM APPROVED
O.M.B. No. 41-R2653
EXPIRES 1-81

(While you are not required to use this form, it is the most desirable mechanism for providing the required ancillary information enabling the NODC and users to obtain the greatest benefit from your data.)

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A. ORIGINATOR IDENTIFICATION

THIS SECTION MUST BE COMPLETED BY DONOR FOR ALL DATA TRANSMITTALS

1. NAME AND ADDRESS OF INSTITUTION, LABORATORY, OR ACTIVITY WITH WHICH SUBMITTED DATA ARE ASSOCIATED

John J. Burns, Lloyd F. Lowry and Kathryn J. Frost
Alaska Department of Fish and Game
1300 College Road
Fairbanks, Alaska 99701
907-452-1531

R.U. #s 230, 232

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

NOAA/OCSEAP

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

679 WAL

| | | | | | |
|---------------------|---|---|----------|-------------------|-----------------|
| 4. PLATFORM NAME(S) | 5. PLATFORM TYPE(S) (E.G., SHIP, BUOY, ETC.) | 6. PLATFORM AND OPERATOR NATIONALITY(IES) | | 7. DATES | |
| | | PLATFORM | OPERATOR | FROM: MO, DAY, YR | TO: MO, DAY, YR |
| Wales, AK | coastal village | U.S.A. | U.S.A. | 6/8/79 | 6/10/79 |

8. ARE DATA PROPRIETARY?

NO YES

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

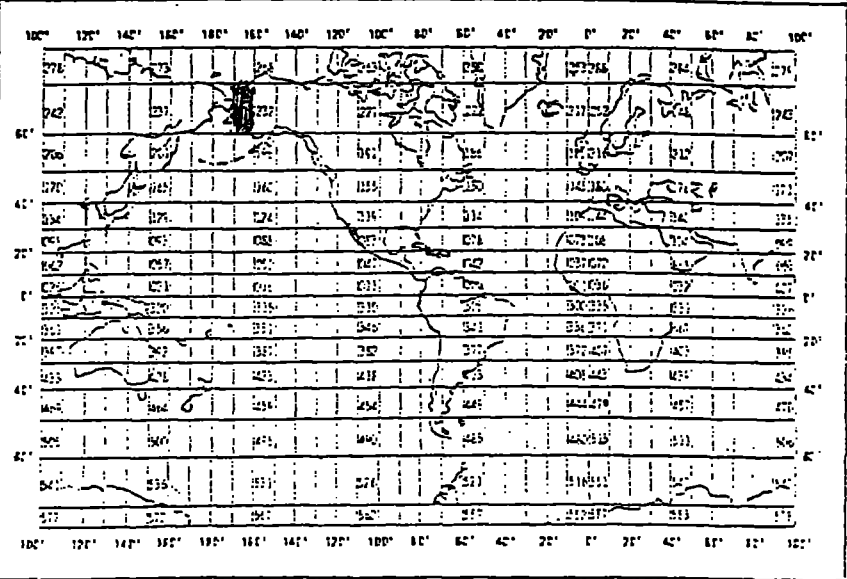
11. PLEASE DARKEN ALL MARSDEN SQUARES IN WHICH ANY DATA CONTAINED IN YOUR SUBMISSION WERE COLLECTED.

GENERAL AREA

9. ARE DATA DECLARED NATIONAL PROGRAM (DNP)?

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

NO YES PART (SPECIFY BELOW)



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

Kathryn J. Frost
907-452-1531

DATA DOCUMENTATION FORM

NOAA FORM 24-13
(6-77)

U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL OCEANOGRAPHIC DATA CENTER
RECORDS SECTION
WASHINGTON, DC 20235

FORM APPROVED
O.M.B. No. 41-R2651
EXPIRES 1-81

(While you are not required to use this form, it is the most desirable mechanism for providing the required ancillary information enabling the NODC and users to obtain the greatest benefit from your data.)

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1. NAME AND ADDRESS OF INSTITUTION, LABORATORY, OR ACTIVITY WITH WHICH SUBMITTED DATA ARE ASSOCIATED

John J. Burns, Lloyd F. Lowry and Kathryn J. Frost
Alaska Department of Fish and Game
1300 College Road
Fairbanks, Alaska 99701
907-452-1531

R.U. #s 230, 232

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

NOAA/OCSEAP

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

679SHI

4. PLATFORM NAME(S)

Shishmaref, AK

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

coastal village

6. PLATFORM AND OPERATOR NATIONALITY(IES)

| PLATFORM | OPERATOR |
|----------|----------|
| U.S.A. | U.S.A. |

7. DATES

| FROM: MO, DAY, YR | TO: MO, DAY, YR |
|-------------------|-----------------|
| 5/24/79 | 6/18/79 |

8. ARE DATA PROPRIETARY?

NO YES

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

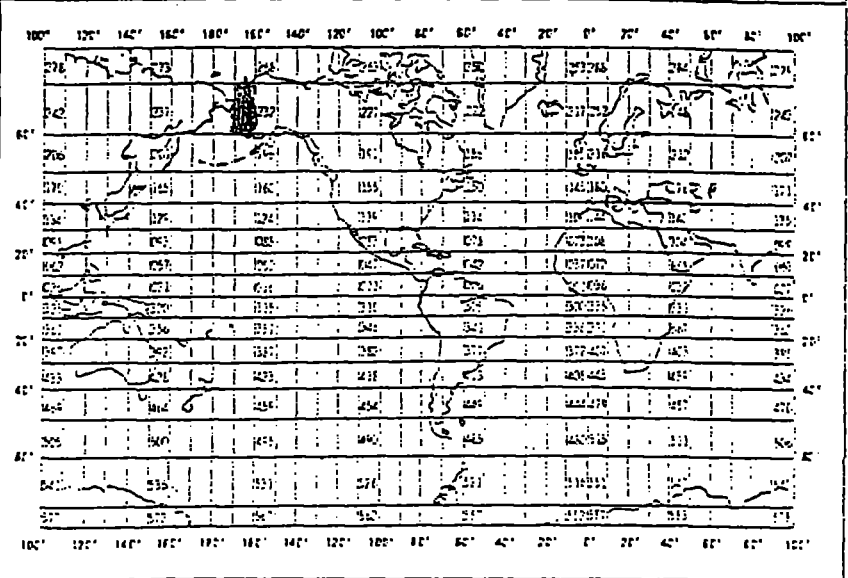
11. PLEASE DARKEN ALL MARSDEN SQUARES IN WHICH ANY DATA CONTAINED IN YOUR SUBMISSION WERE COLLECTED.

GENERAL AREA

9. ARE DATA DECLARED NATIONAL PROGRAM (DNP)?

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

NO YES PART (SPECIFY BELOW)



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

Kathryn J. Frost
907-452-1531

DATA DOCUMENTATION FORM

NOAA FORM 24-13
(4-77)

U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL OCEANOGRAPHIC DATA CENTER
RECORDS SECTION
WASHINGTON, DC 20235

FORM APPROVED
O.M.B. No. 41-R2651
EXPIRES 1-81

(While you are not required to use this form, it is the most desirable mechanism for providing the required ancillary information enabling the NODC and users to obtain the greatest benefit from your data.)

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John J. Burns, Lloyd F. Lowry and Kathryn J. Frost
Alaska Department of Fish and Game
1300 College Road
Fairbanks, Alaska 99701
907-452-1531

R.U. #s 230, 232

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

NOAA/OCSEAP

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

279 NOM

4. PLATFORM NAME(S)

None, AK

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

coastal village

6. PLATFORM AND OPERATOR NATIONALITY(IES)

| PLATFORM | OPERATOR |
|----------|----------|
| U.S.A. | U.S.A. |

7. DATES

| FROM: MO, DAY, YR | TO: MO, DAY, YR |
|-------------------|-----------------|
| 2/4/79 | 2/28/79 |

8. ARE DATA PROPRIETARY?

NO YES

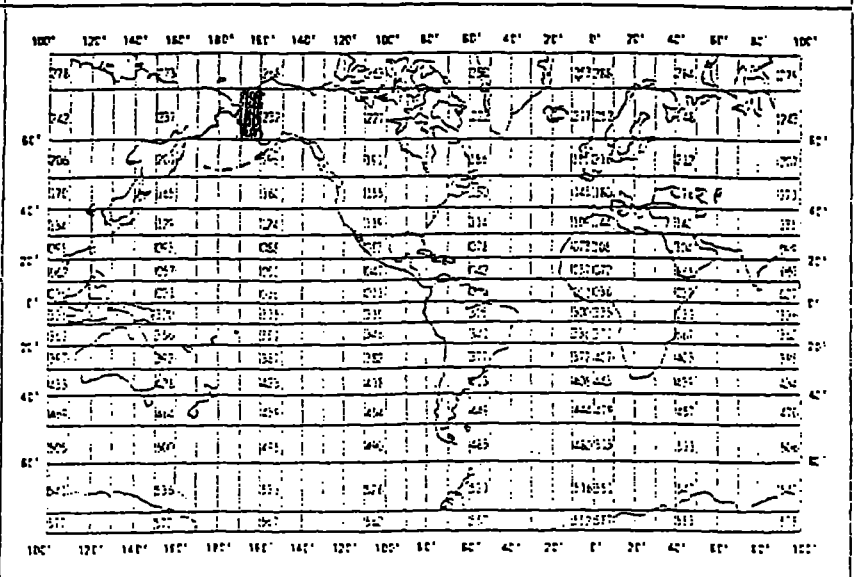
IF YES, WHEN CAN THEY BE RELEASED FOR GENERAL USE? YEAR _____ MONTH _____

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?)

NO YES PART (SPECIFY BELOW)



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

Kathryn J. Frost
907-452-1531

DATA DOCUMENTATION FORM

TR 6168

NOAA FORM 24-13
(4-77)

U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL OCEANOGRAPHIC DATA CENTER
RECORDS SECTION
WASHINGTON, DC 20235

FORM APPROVED
O.M.B. No. 41-R2651
EXPIRES 1-81

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1. NAME AND ADDRESS OF INSTITUTION, LABORATORY, OR ACTIVITY WITH WHICH SUBMITTED DATA ARE ASSOCIATED

John J. Burns, Lloyd F. Lowry and Kathryn J. Frost
Alaska Department of Fish and Game
1300 College Road
Fairbanks, Alaska 99701
907-452-1531

R.U. #s 230, 232

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

NOAA/OCSEAP

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

579NOM

| | | | | | |
|---------------------|---|---|----------|-----------------|---------------|
| 4. PLATFORM NAME(S) | 5. PLATFORM TYPE(S) (E.G., SHIP, BUOY, ETC.) | 6. PLATFORM AND OPERATOR NATIONALITY(IES) | | 7. DATES | |
| | | PLATFORM | OPERATOR | FROM: MO/PAY/YR | TO: MO/DAY/YR |
| None, AK | coastal village | U.S.A. | U.S.A. | 5/10/79 | 5/16/79 |

8. ARE DATA PROPRIETARY?

NO YES

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

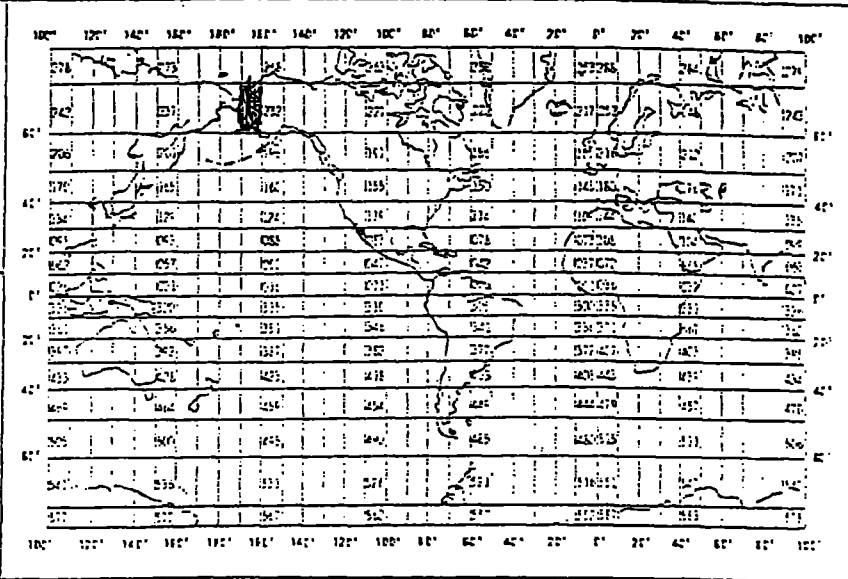
11. PLEASE DARKEN ALL MARSDEN SQUARES IN WHICH ANY DATA CONTAINED IN YOUR SUBMISSION WERE COLLECTED.

GENERAL AREA

9. ARE DATA DECLARED NATIONAL PROGRAM (DNP)?

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

NO YES PART (SPECIFY BELOW)



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

Kathryn J. Frost
907-452-1531

DATA DOCUMENTATION FORM

NOAA FORM 24-13 (4-77)

U.S. DEPARTMENT OF COMMERCE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION NATIONAL OCEANOGRAPHIC DATA CENTER RECORDS SECTION WASHINGTON, DC 20235

FORM APPROVED O.M.B. No. 41-R2651 EXPIRES 1-81

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A. ORIGINATOR IDENTIFICATION

THIS SECTION MUST BE COMPLETED BY DONOR FOR ALL DATA TRANSMITTALS

| | | | |
|--|---|--|--|
| 1. NAME AND ADDRESS OF INSTITUTION, LABORATORY, OR ACTIVITY WITH WHICH SUBMITTED DATA ARE ASSOCIATED John J. Burns, Lloyd F. Lowry and Kathryn J. Frost Alaska Department of Fish and Game 1300 College Road Fairbanks, Alaska 99701 907-452-1531 R.U. #s 230, 232 | | | |
| 2. EXPEDITION, PROJECT, OR PROGRAM DURING WHICH DATA WERE COLLECTED NOAA/OCSEAP | | 3. CRUISE NUMBER(S) USED BY ORIGINATOR TO IDENTIFY DATA IN THIS SHIPMENT 179 HPB | |
| 4. PLATFORM NAME(S) Hooper Bay, AK | 5. PLATFORM TYPE(S) (E.G., SHIP, BUOY, ETC.) coastal village | 6. PLATFORM AND OPERATOR NATIONALITY(IES) U.S.A. U.S.A. | 7. DATES FROM: MO, DAY, YR TO: MO, DAY, YR 1/22/79 1/30/79 |
| 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) | | <p>A grid of Marsden squares covering the area from 120°W to 100°W and 50°N to 65°N. The grid is overlaid with a map of Alaska and the surrounding waters. Handwritten markings indicate the collection area, which is roughly bounded by 120°W to 110°W and 55°N to 65°N. The squares are numbered, and some are shaded or marked with handwritten numbers.</p> | |
| 10. PERSON TO WHOM INQUIRIES CONCERNING DATA SHOULD BE ADDRESSED WITH TELEPHONE NUMBER (AND ADDRESS IF OTHER THAN IN ITEM-1) Kathryn J. Frost 907-452-1531 | | | |

80-0431
TR 6170

DATA DOCUMENTATION FORM

NOAA FORM 24-13
(4-77)

U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL OCEANOGRAPHIC DATA CENTER
RECORDS SECTION
WASHINGTON, DC 20235

FORM APPROVED
O.M.B. No. 41-R2651
EXPIRES 1-81

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A. ORIGINATOR IDENTIFICATION

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1. NAME AND ADDRESS OF INSTITUTION, LABORATORY, OR ACTIVITY WITH WHICH SUBMITTED DATA ARE ASSOCIATED

John J. Burns, Lloyd F. Lowry and Kathryn J. Frost
Alaska Department of Fish and Game
1300 College Road
Fairbanks, Alaska 99701
907-452-1531

R.U. #s 230, 232

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

NOAA/OCSEAP

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

479HPB

4. PLATFORM NAME(S)

Hooper Bay, AK

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

coastal village

| 6. PLATFORM AND OPERATOR NATIONALITY(IES) | | 7. DATES | |
|---|----------|-------------------|-----------------|
| PLATFORM | OPERATOR | FROM: MO, DAY, YR | TO: MO, DAY, YR |
| U.S.A. | U.S.A. | 3/7/79 | 5/16/79 |

8. ARE DATA PROPRIETARY?

NO YES

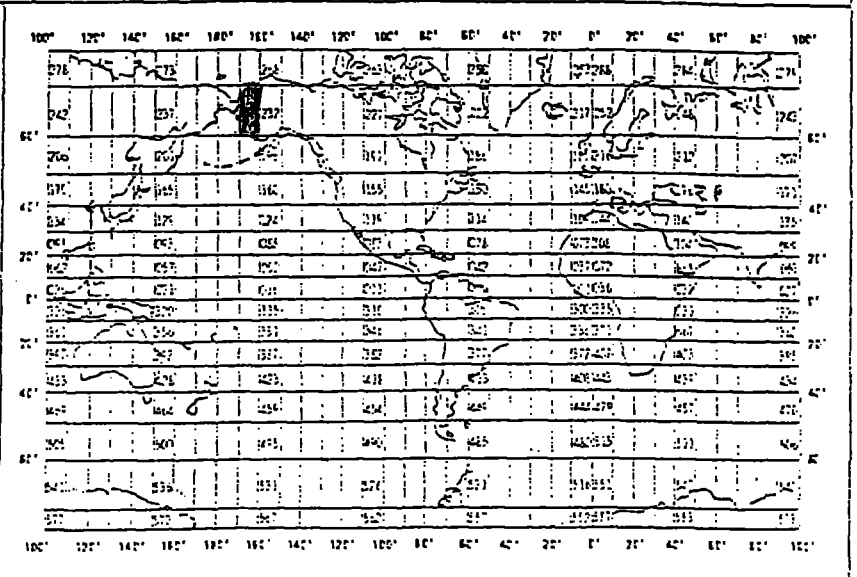
IF YES, WHEN CAN THEY BE RELEASED FOR GENERAL USE? YEAR _____ MONTH _____

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?)

NO YES PART (SPECIFY BELOW)



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

Kathryn J. Frost
907-452-1531

DATA DOCUMENTATION FORM

TR 6171

NOAA FORM 24-13 (4-77)

U.S. DEPARTMENT OF COMMERCE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION NATIONAL OCEANOGRAPHIC DATA CENTER RECORDS SECTION WASHINGTON, DC 20235

FORM APPROVED O.M.B. No. 41-R2651 EXPIRES 3-81

(While you are not required to use this form, it is the most desirable mechanism for providing the required ancillary information enabling the NODC and users to obtain the greatest benefit from your data.)

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1. NAME AND ADDRESS OF INSTITUTION, LABORATORY, OR ACTIVITY WITH WHICH SUBMITTED DATA ARE ASSOCIATED

John J. Burns, Lloyd F. Lowry and Kathryn J. Frost
Alaska Department of Fish and Game
1300 College Road
Fairbanks, Alaska 99701
907-452-1531

R.U. #s 230, 232

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

NOAA/OCSEAP

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

579 GAM

4. PLATFORM NAME(S)

Gambell, Alaska

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

coastal village

6. PLATFORM AND OPERATOR NATIONALITY(IES)

| PLATFORM | OPERATOR |
|----------|----------|
| U.S.A. | U.S.A. |

7. DATES

| FROM: MO, DAY, YR | TO: MO, DAY, YR |
|-------------------|-----------------|
| 5/4/79 | 6/7/79 |

8. ARE DATA PROPRIETARY?

NO YES

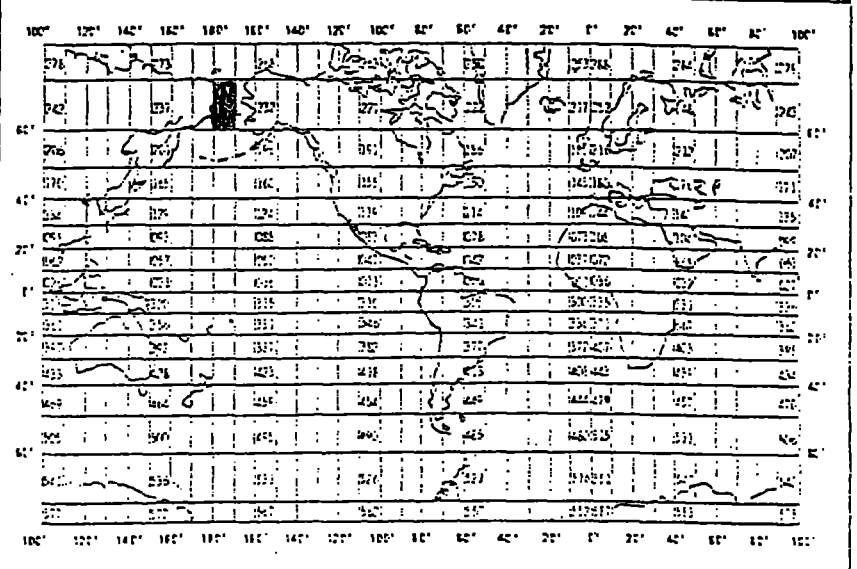
IF YES, WHEN CAN THEY BE RELEASED FOR GENERAL USE? YEAR _____ MONTH _____

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?)

NO YES PART (SPECIFY BELOW)



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

Kathryn J. Frost
907-452-1531

DATA DOCUMENTATION FORM

TR 6172

NOAA FORM 24-13 (4-77)

U.S. DEPARTMENT OF COMMERCE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION NATIONAL OCEANOGRAPHIC DATA CENTER RECORDS SECTION WASHINGTON, DC 20235

FORM APPROVED O.M.E. No. 41-R265; EXPIRES 1-81

(While you are not required to use this form, it is the most desirable mechanism for providing the required ancillary information enabling the NODC and users to obtain the greatest benefit from your data.)

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John J. Burns, Lloyd F. Lowry and Kathryn J. Frost
Alaska Department of Fish and Game
1300 College Road
Fairbanks, Alaska 99701
907-452-1531

R.U. #s 230, 232

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

NOAA/OCSEAP

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

679 WAT

4. PLATFORM NAME(S)

Wainwright, AK

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

coastal village

6. PLATFORM AND OPERATOR NATIONALITY(IES)

U.S.A. U.S.A.

7. DATES

| PLATFORM | OPERATOR | FROM: MO, DAY, YR | TO: MO, DAY, YR |
|----------|----------|-------------------|-----------------|
| U.S.A. | U.S.A. | 6/25/79 | 7/13/79 |

8. ARE DATA PROPRIETARY?

NO YES

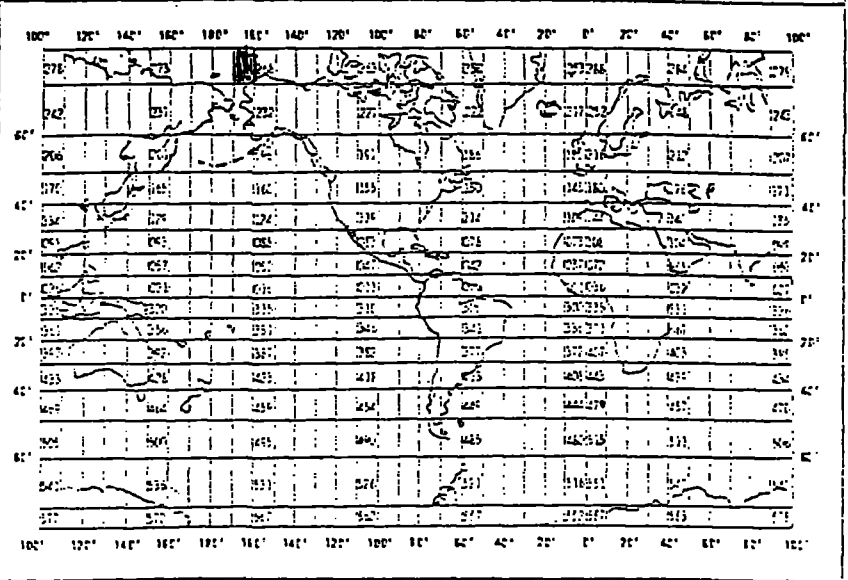
IF YES, WHEN CAN THEY BE RELEASED FOR GENERAL USE? YEAR MONTH

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?)

NO YES PART (SPECIFY BELOW)



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

Kathryn J. Frost
907-452-1531

DATA DOCUMENTATION FORM

TR 6173

NOAA FORM 24-13 (4-77)

U.S. DEPARTMENT OF COMMERCE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION NATIONAL OCEANOGRAPHIC DATA CENTER RECORDS SECTION WASHINGTON, DC 20235

FORM APPROVED O.M.B. No. 41-R2651 EXPIRES 1-81

(While you are not required to use this form, it is the most desirable mechanism for providing the required ancillary information enabling the NODC and users to obtain the greatest benefit from your data.)

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A. ORIGINATOR IDENTIFICATION

THIS SECTION MUST BE COMPLETED BY DONOR FOR ALL DATA TRANSMITTALS

1. NAME AND ADDRESS OF INSTITUTION, LABORATORY, OR ACTIVITY WITH WHICH SUBMITTED DATA ARE ASSOCIATED

John J. Burns, Lloyd F. Lowry and Kathryn J. Frost
Alaska Department of Fish and Game
1300 College Road
Fairbanks, Alaska 99701
907-452-1531

R.U. #s 230, 232

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

NOAA/OCSEAP

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

579SAV

4. PLATFORM NAME(S)

Sawong 2, AK

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

coastal village

6. PLATFORM AND OPERATOR NATIONALITY(IES)

U.S.A. U.S.A.

7. DATES

FROM: MO, DAY, YR TO: MO, DAY, YR

5/20/79 6/4/79

8. ARE DATA PROPRIETARY?

NO 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)?

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

NO YES PART (SPECIFY BELOW)

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

Kathryn J. Frost
907-452-1531

DATA DOCUMENTATION FORM

NOAA FORM 24-13
(4-77)

U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL OCEANOGRAPHIC DATA CENTER
RECORDS SECTION
WASHINGTON, DC 20235

FORM APPROVED
O.M.B. No. 41-R2651
EXPIRES 3-81

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| | | | |
|--|--|--|--|
| 1. NAME AND ADDRESS OF INSTITUTION, LABORATORY, OR ACTIVITY WITH WHICH SUBMITTED DATA ARE ASSOCIATED John J. Burns, Lloyd F. Lowry and Kathryn J. Frost Alaska Department of Fish and Game 1300 College Road Fairbanks, Alaska 99701 907-452-1531 R.U. #s 230, 232 | | | |
| 2. EXPEDITION, PROJECT, OR PROGRAM DURING WHICH DATA WERE COLLECTED NOAA/OCSEAP | | 3. CRUISE NUMBER(S) USED BY ORIGINATOR TO IDENTIFY DATA IN THIS SHIPMENT 679 KOT | |
| 4. PLATFORM NAME(S) Kotzebue AK | 5. PLATFORM TYPE(S) (E.G., SHIP, BUOY, ETC.) coastal village | 6. PLATFORM AND OPERATOR NATIONALITY(IES) U.S.A. U.S.A. | 7. DATES FROM: MC, DAY, YR TO: MC, DAY, YR 6/4/79 6/4/79 |
| 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) Kathryn J. Frost 907-452-1531 | | | |

DATA DOCUMENTATION FORM

TR 6175

NOAA FORM 24-13
(4-77)

U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL OCEANOGRAPHIC DATA CENTER
RECORDS SECTION
WASHINGTON, DC 20235

FORM APPROVED
O.M.B. No. 41-R2651
EXPIRES 1-81

(While you are not required to use this form, it is the most desirable mechanism for providing the required ancillary information enabling the NODC and users to obtain the greatest benefit from your data.)

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A. ORIGINATOR IDENTIFICATION

THIS SECTION MUST BE COMPLETED BY DONOR FOR ALL DATA TRANSMITTALS

| <p>1. NAME AND ADDRESS OF INSTITUTION, LABORATORY, OR ACTIVITY WITH WHICH SUBMITTED DATA ARE ASSOCIATED</p> <p>John J. Burns, Lloyd F. Lowry and Kathryn J. Frost Alaska Department of Fish and Game 1300 College Road Fairbanks, Alaska 99701 907-452-1531</p> <p style="text-align: right;">R.U. #s 230, 232</p> | | | | | | | | | | | |
|--|--|--|-----------------|----------|-------------------|-----------------|--------|--------|---------|---------|-----------------|
| <p>2. EXPEDITION, PROJECT, OR PROGRAM DURING WHICH DATA WERE COLLECTED</p> <p>NOAA/OCSEAP</p> | | <p>3. CRUISE NUMBER(S) USED BY ORIGINATOR TO IDENTIFY DATA IN THIS SHIPMENT</p> <p style="font-size: 2em; text-align: center;">178 HPB</p> | | | | | | | | | |
| <p>4. PLATFORM NAME(S)</p> <p>Hooper Bay, AK</p> | <p>5. PLATFORM TYPE(S) (E.G., SHIP, BUOY, ETC.)</p> <p>coastal village</p> | <p>6. PLATFORM AND OPERATOR NATIONALITY(IES)</p> <table border="1"> <tr> <th>PLATFORM</th> <th>OPERATOR</th> <th>FROM: MO, DAY, YR</th> <th>TO: MO, DAY, YR</th> </tr> <tr> <td>U.S.A.</td> <td>U.S.A.</td> <td>1/20/78</td> <td>1/30/78</td> </tr> </table> | PLATFORM | OPERATOR | FROM: MO, DAY, YR | TO: MO, DAY, YR | U.S.A. | U.S.A. | 1/20/78 | 1/30/78 | <p>7. DATES</p> |
| PLATFORM | OPERATOR | FROM: MO, DAY, YR | TO: MO, DAY, YR | | | | | | | | |
| U.S.A. | U.S.A. | 1/20/78 | 1/30/78 | | | | | | | | |
| <p>8. ARE DATA PROPRIETARY?</p> <p><input checked="" type="checkbox"/> NO <input type="checkbox"/> YES</p> <p>IF YES, WHEN CAN THEY BE RELEASED FOR GENERAL USE? YEAR _____ MONTH _____</p> | | <p>11. PLEASE DARKEN ALL MARSDEN SQUARES IN WHICH ANY DATA CONTAINED IN YOUR SUBMISSION WERE COLLECTED.</p> <p style="text-align: center;">GENERAL AREA</p> | | | | | | | | | |
| <p>9. ARE DATA DECLARED NATIONAL PROGRAM (DNP)?</p> <p>(I.E., SHOULD THEY BE INCLUDED IN WORLD DATA CENTERS HOLDINGS FOR INTERNATIONAL EXCHANGE?)</p> <p><input checked="" type="checkbox"/> NO <input type="checkbox"/> YES <input type="checkbox"/> PART (SPECIFY BELOW)</p> | | <p>10. PERSON TO WHOM INQUIRIES CONCERNING DATA SHOULD BE ADDRESSED WITH TELEPHONE NUMBER (AND ADDRESS IF OTHER THAN IN ITEM-1)</p> <p>Kathryn J. Frost 907-452-1531</p> | | | | | | | | | |

DATA DOCUMENTATION FORM

TR 6176

NOAA FORM 24-13
(4-77)U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL OCEANOGRAPHIC DATA CENTER
RECORDS SECTION
WASHINGTON, DC 20235FORM APPROVED
O.M.B. No. 41-R2651
EXPIRES 1-81

(While you are not required to use this form, it is the most desirable mechanism for providing the required ancillary information enabling the NODC and users to obtain the greatest benefit from your data.)

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A. ORIGINATOR IDENTIFICATION

THIS SECTION MUST BE COMPLETED BY DONOR FOR ALL DATA TRANSMITTALS

| | | | | | | | |
|---|--|---|--|--|--|-----------------------------------|--|
| 1. NAME AND ADDRESS OF INSTITUTION, LABORATORY, OR ACTIVITY WITH WHICH SUBMITTED DATA ARE ASSOCIATED | | | | | | | |
| John J. Burns, Lloyd F. Lowry and Kathryn J. Frost Alaska Department of Fish and Game 1300 College Road Fairbanks, Alaska 99701 907-452-1531 | | | | | | R.U. #s 230, 232 | |
| 2. EXPEDITION, PROJECT, OR PROGRAM DURING WHICH DATA WERE COLLECTED | | | | 3. CRUISE NUMBER(S) USED BY ORIGINATOR TO IDENTIFY DATA IN THIS SHIPMENT | | | |
| NOAA/OCSEAP | | | | 278 HPB | | | |
| 4. PLATFORM NAME(S) | | 5. PLATFORM TYPE(S) (E.G., SHIP, BUOY, ETC.) | | 6. PLATFORM AND OPERATOR NATIONALITY(IES) | | 7. DATES | |
| Hooper Bay, AK | | coastal village | | U.S.A. U.S.A. | | FROM: MO, DAY, YR TO: MO, DAY, YR | |
| | | | | | | 2/02/78 2/20/78 | |
| 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) | | | | | | | |
| Kathryn J. Frost 907-452-1531 | | | | | | | |

DATA DOCUMENTATION FORM

TR 6177

NOAA FORM 24-13
(4-77)U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL OCEANOGRAPHIC DATA CENTER
RECORDS SECTION
WASHINGTON, DC 20235FORM APPROVED
O.M.B. No. 41-R2651
EXPIRES 1-81

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A. ORIGINATOR IDENTIFICATION

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| | | | |
|--|---|--|-----------------|
| 1. NAME AND ADDRESS OF INSTITUTION, LABORATORY, OR ACTIVITY WITH WHICH SUBMITTED DATA ARE ASSOCIATED | | | |
| John J. Burns, Lloyd F. Lowry and Kathryn J. Frost Alaska Department of Fish and Game 1300 College Road Fairbanks, Alaska 99701 907-452-1531 | | R.U. #s 230, 232 | |
| 2. EXPEDITION, PROJECT, OR PROGRAM DURING WHICH DATA WERE COLLECTED | | 3. CRUISE NUMBER(S) USED BY ORIGINATOR TO IDENTIFY DATA IN THIS SHIPMENT | |
| NOAA/OCSEAP | | 378 HEB | |
| 4. PLATFORM NAME(S) | 5. PLATFORM TYPE(S) (E.G., SHIP, BUOY, ETC.) | 6. PLATFORM AND OPERATOR NATIONALITY(IES) | 7. DATES |
| Hooper Bay, AK | coastal village | U.S.A. | U.S.A. |
| | | PLATFORM | OPERATOR |
| | | FROM: MO, DAY, YR | TO: MO, DAY, YR |
| | | U.S.A. | U.S.A. |
| | | 3/4/78 | 3/27/78 |
| 8. ARE DATA PROPRIETARY? | | 11. PLEASE DARKEN ALL MARSDEN SQUARES IN WHICH ANY DATA CONTAINED IN YOUR SUBMISSION WERE COLLECTED. | |
| <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES | | GENERAL AREA | |
| IF YES, WHEN CAN THEY BE RELEASED FOR GENERAL USE? YEAR _____ MONTH _____ | | | |
| 9. ARE DATA DECLARED NATIONAL PROGRAM (DNP)? (I.E., SHOULD THEY BE INCLUDED IN WORLD DATA CENTERS HOLDINGS FOR INTERNATIONAL EXCHANGE?) | | | |
| <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) | | | |
| Kathryn J. Frost 907-452-1531 | | | |

DATA DOCUMENTATION FORM

TR 6178

NOAA FORM 24-13 (4-77)

U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL OCEANOGRAPHIC DATA CENTER
RECORDS SECTION
WASHINGTON, DC 20235

FORM APPROVED
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EXPIRES 1-81

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| <p>1. NAME AND ADDRESS OF INSTITUTION, LABORATORY, OR ACTIVITY WITH WHICH SUBMITTED DATA ARE ASSOCIATED</p> <p>John J. Burns, Lloyd F. Lowry and Kathryn J. Frost Alaska Department of Fish and Game 1300 College Road Fairbanks, Alaska 99701 907-452-1531</p> <p style="text-align: right;">R.U. #s 230, 232</p> | | | | | | | | | | | |
|--|--|---|----------|----------|--------|--------|--|-------------------|-----------------|--------|---------|
| <p>2. EXPEDITION, PROJECT, OR PROGRAM DURING WHICH DATA WERE COLLECTED</p> <p>NOAA/OCSEAP</p> | | <p>3. CRUISE NUMBER(S) USED BY ORIGINATOR TO IDENTIFY DATA IN THIS SHIPMENT</p> <p style="font-size: 2em; text-align: center;">478 HPB</p> | | | | | | | | | |
| <p>4. PLATFORM NAME(S)</p> <p>Hopper Bay, AK</p> | <p>5. PLATFORM TYPE(S) (E.G., SHIP, BUOY, ETC.)</p> <p>coastal village</p> | <p>6. PLATFORM AND OPERATOR NATIONALITY(IES)</p> <table border="1"> <thead> <tr> <th>PLATFORM</th> <th>OPERATOR</th> </tr> </thead> <tbody> <tr> <td>U.S.A.</td> <td>U.S.A.</td> </tr> </tbody> </table> | PLATFORM | OPERATOR | U.S.A. | U.S.A. | <p>7. DATES</p> <table border="1"> <thead> <tr> <th>FROM: MO, DAY, YR</th> <th>TO: MO, DAY, YR</th> </tr> </thead> <tbody> <tr> <td>4/3/78</td> <td>4/25/78</td> </tr> </tbody> </table> | FROM: MO, DAY, YR | TO: MO, DAY, YR | 4/3/78 | 4/25/78 |
| PLATFORM | OPERATOR | | | | | | | | | | |
| U.S.A. | U.S.A. | | | | | | | | | | |
| FROM: MO, DAY, YR | TO: MO, DAY, YR | | | | | | | | | | |
| 4/3/78 | 4/25/78 | | | | | | | | | | |
| <p>8. ARE DATA PROPRIETARY?</p> <p><input checked="" type="checkbox"/> NO <input type="checkbox"/> YES</p> <p>IF YES, WHEN CAN THEY BE RELEASED FOR GENERAL USE? YEAR _____ MONTH _____</p> | | <p>11. PLEASE DARKEN ALL MARSDEN SQUARES IN WHICH ANY DATA CONTAINED IN YOUR SUBMISSION WERE COLLECTED.</p> <p style="text-align: center;">GENERAL AREA</p> <p>The map shows a grid of Marsden squares from 100°W to 100°E and 60°N to 8°N. A shaded area covers approximately 150°W to 160°W and 55°N to 65°N, indicating the general area of data collection.</p> | | | | | | | | | |
| <p>9. ARE DATA DECLARED NATIONAL PROGRAM (DNP)? (I.E., SHOULD THEY BE INCLUDED IN WORLD DATA CENTERS HOLDINGS FOR INTERNATIONAL EXCHANGE?)</p> <p><input checked="" type="checkbox"/> NO <input type="checkbox"/> YES <input type="checkbox"/> PART (SPECIFY BELOW)</p> | | <p>10. PERSON TO WHOM INQUIRIES CONCERNING DATA SHOULD BE ADDRESSED WITH TELEPHONE NUMBER (AND ADDRESS IF OTHER THAN IN ITEM-1)</p> <p>Kathryn J. Frost 907-452-1531</p> | | | | | | | | | |

DATA DOCUMENTATION FORM

TR6179

NOAA FORM 24-13
(4-77)

U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL OCEANOGRAPHIC DATA CENTER
RECORDS SECTION
WASHINGTON, DC 20235

FORM APPROVED
O.M.B. No. 41-R2651
EXPIRES 1-81

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1. NAME AND ADDRESS OF INSTITUTION, LABORATORY, OR ACTIVITY WITH WHICH SUBMITTED DATA ARE ASSOCIATED

John J. Burns, Lloyd F. Lowry and Kathryn J. Frost
Alaska Department of Fish and Game
1300 College Road
Fairbanks, Alaska 99701
907-452-1531

R.U. #s 230, 232

| | |
|---|--|
| 2. EXPEDITION, PROJECT, OR PROGRAM DURING WHICH DATA WERE COLLECTED | 3. CRUISE NUMBER(S) USED BY ORIGINATOR TO IDENTIFY DATA IN THIS SHIPMENT |
| NOAA/OCSEAP | 678 ELP |

| | | | |
|---------------------|---|---|-----------------------------------|
| 4. PLATFORM NAME(S) | 5. PLATFORM TYPE(S) (E.G., SHIP, BUOY, ETC.) | 6. PLATFORM AND OPERATOR NATIONALITY(IES) | 7. DATES |
| Elephant Point, AK | coastal | U.S.A. | FROM: MO, DAY, YR TO: MO, DAY, YR |
| | | U.S.A. | 6/6/78 6/27/78 |

8. ARE DATA PROPRIETARY?

NO YES

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

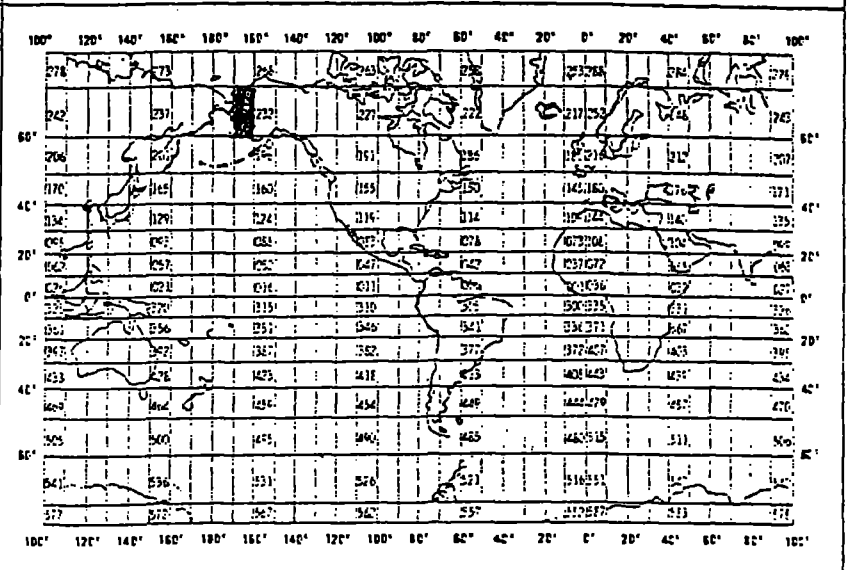
11. PLEASE DARKEN ALL MARSDEN SQUARES IN WHICH ANY DATA CONTAINED IN YOUR SUBMISSION WERE COLLECTED.

GENERAL AREA

9. ARE DATA DECLARED NATIONAL PROGRAM (DNP)?

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

NO YES PART (SPECIFY BELOW)



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

Kathryn J. Frost
907-452-1531

| 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 |
|----------------------|-------------------------|--|--|---|
| Curvilinear Length | 0.0cm | N/A | Measured over curvature of body from tip of nose to tip of tail with head and neck in natural position | |
| Axillary Girth | 0.0cm | N/A | Taken around body immediately behind foreflipper | |
| Maximum Girth | 0.0cm | N/A | The largest circumference around the abdomen | |
| Front Flipper Length | 0.0cm | N/A | Distance along the anterior border of forelimb from axilla to tip of longest digit (not claw) | |
| Front Flipper Width | 0.0cm | N/A | Straight line distance from the tips of first and last digits of the spread flipper | |
| Hind Flipper Length | 0.0cm | N/A | Distance along posterior edge of hindlimb from joint to tip of longest digit | |
| Hind Flipper Width | 0.0cm | N/A | Straight line distance from tips of the first and last digits of spread flipper | |
| Navel to Anus Length | 0.0cm | N/A | Curvilinear distance from center of umbilical scar to anterior notch of anus in males and vestibule in females | |
| Penis to Anus Length | 0.0cm | N/A | Curvilinear distance from center of penile orifice to anterior notch of anus | |

| 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 |
|---------------------------|-------------------------|--|--|---|
| Tail Length | 0.0 cm | N/A | Measured from externally visible base of tail to end of tail flesh | |
| Blubber Thickness Sternum | 0.0cm | N/A | Slit is made over the sternum, depth of skin and blubber measured w/ cm rule | |
| Standard Length | 0.0cm | N/A | Straight line distance from tip of nose to tip of tail with the animal lying on its back | |

| 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 |
|--|-------------------------|--|---|---|
| Testes Volume | 0.0cc | | Water displacement | |
| Testes Length | whole mm | | Taken at the middle of the testes | |
| Testes width | whole mm | | " " " | |
| Presence of Sperm in Epididymis | code | | Epididymis is sliced and drop of fluid squeezed onto slide and examined under magnification | |
| Reproductive Status Female | code | | ovaries cut in longitudinal sections 1mm thick, examined for presence of corpus luteum or corpora albicantia, uterine horns examined for placental scars, deformation | |
| Reproductive Condition | code | | " " " | |
| Number of Corpora Lutea (C.L.) and Corpora Albicantia (C.A.) | | | " " " | |
| Diameter of largest C.A.s and C.L.s and Follicles | whole mm | | Greatest diameter of these structures measured | |
| Number of Uterine Scars | | | Uterine horns longitudinally bisected and visually examined | |

STOMACH CONTENTS

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 |
|----------------------------------|-------------------------|---|--|---|
| Total Volume of Stomach Contents | 0.0cc | graduated cylinder | water displacement/volumes of prey items summed for total volume | |
| Taxonomic Code | NODC Taxonomic Code | Identifications were made by K. Frost and L. Lowry with the aid of appropriate keys and voucher collections. University of Alaska Marine Museum and Sorting Center personnel, voucher collections, etc. used as appropriate | | |
| Number of Items Identified | numeric | | Manual sorting and counting | |
| Volume of Items Identified | 0.0cc | Graduated Cylinder | Water Displacement | |

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**

File Type 025
 Record Types 1-9 differentiated by byte 10

| | |
|-----------------------------|---------|
| 1 - Location | 9 - Age |
| 2 - Physical 1 | |
| 3 - Physical 2 | |
| 4 - Age-Reproductive-Male | |
| 5 - Age-Reproductive-Female | |
| 6 - Stomach Contents | |
| 7 - Stomach Content Species | |
| 8 - Text | |

2. GIVE BRIEF DESCRIPTION OF FILE ORGANIZATION

Record types 1 and 2 are present for all specimens. Record types 3-9 are present when the appropriate sample material was collected. Not all specimens have complete data sets. However, all data that were obtained at the time of collection are included herein. There are no outstanding data on any of the specimens included in this transmittal.

3. ATTRIBUTES AS EXPRESSED IN

| | | |
|----------------------------------|--------------------------------|--------------------------------|
| <input type="checkbox"/> PL-1 | <input type="checkbox"/> ALGOL | <input type="checkbox"/> COBOL |
| <input type="checkbox"/> FORTRAN | _____ LANGUAGE | |

4. RESPONSIBLE COMPUTER SPECIALIST:

NAME AND PHONE NUMBER Michael Crane, AEIDC 907-279-4523
 ADDRESS 707 A Street, Anchorage, AK 99501

COMPLETE THIS SECTION IF DATA ARE ON MAGNETIC TAPE

| | | | | | | | | | |
|---|---|--|--|---|-----------------------------------|--------------------------------|--|--|--|
| <p>5. RECORDING MODE</p> <table style="width: 100%; border: none;"> <tr> <td><input type="checkbox"/> BCD</td> <td><input type="checkbox"/> BINARY</td> </tr> <tr> <td><input type="checkbox"/> ASCII</td> <td><input type="checkbox"/> EBCDIC</td> </tr> <tr> <td colspan="2"><input type="checkbox"/> _____</td> </tr> </table> | <input type="checkbox"/> BCD | <input type="checkbox"/> BINARY | <input type="checkbox"/> ASCII | <input type="checkbox"/> EBCDIC | <input type="checkbox"/> _____ | | <p>9. LENGTH OF INTER-RECORD GAP (IF KNOWN) <input type="checkbox"/> 3/4 INCH <input type="checkbox"/> _____</p> | | |
| <input type="checkbox"/> BCD | <input type="checkbox"/> BINARY | | | | | | | | |
| <input type="checkbox"/> ASCII | <input type="checkbox"/> EBCDIC | | | | | | | | |
| <input type="checkbox"/> _____ | | | | | | | | | |
| <p>6. NUMBER OF TRACKS (CHANNELS)</p> <table style="width: 100%; border: none;"> <tr> <td><input type="checkbox"/> SEVEN</td> </tr> <tr> <td><input type="checkbox"/> NINE</td> </tr> <tr> <td><input type="checkbox"/> _____</td> </tr> </table> | <input type="checkbox"/> SEVEN | <input type="checkbox"/> NINE | <input type="checkbox"/> _____ | <p>10. END OF FILE MARK</p> <table style="width: 100%; border: none;"> <tr> <td><input type="checkbox"/> OCTAL 17</td> </tr> <tr> <td><input type="checkbox"/> _____</td> </tr> </table> | <input type="checkbox"/> OCTAL 17 | <input type="checkbox"/> _____ | | | |
| <input type="checkbox"/> SEVEN | | | | | | | | | |
| <input type="checkbox"/> NINE | | | | | | | | | |
| <input type="checkbox"/> _____ | | | | | | | | | |
| <input type="checkbox"/> OCTAL 17 | | | | | | | | | |
| <input type="checkbox"/> _____ | | | | | | | | | |
| <p>7. PARITY</p> <table style="width: 100%; border: none;"> <tr> <td><input type="checkbox"/> ODD</td> </tr> <tr> <td><input checked="" type="checkbox"/> EVEN</td> </tr> </table> | <input type="checkbox"/> ODD | <input checked="" type="checkbox"/> EVEN | <p>11. PASTE-ON-PAPER LABEL DESCRIPTION (INCLUDE ORIGINATOR NAME AND SOME LAY SPECIFICATIONS OF DATA TYPE, VOLUME NUMBER)</p> | | | | | | |
| <input type="checkbox"/> ODD | | | | | | | | | |
| <input checked="" type="checkbox"/> EVEN | | | | | | | | | |
| <p>8. DENSITY</p> <table style="width: 100%; border: none;"> <tr> <td><input type="checkbox"/> 200 BPI</td> <td><input type="checkbox"/> 1600 BPI</td> </tr> <tr> <td><input type="checkbox"/> 556 BPI</td> <td></td> </tr> <tr> <td><input type="checkbox"/> 800 BPI</td> <td></td> </tr> <tr> <td colspan="2"><input type="checkbox"/> _____</td> </tr> </table> | <input type="checkbox"/> 200 BPI | <input type="checkbox"/> 1600 BPI | <input type="checkbox"/> 556 BPI | | <input type="checkbox"/> 800 BPI | | <input type="checkbox"/> _____ | | <p>12. PHYSICAL BLOCK LENGTH IN BYTES</p> |
| <input type="checkbox"/> 200 BPI | <input type="checkbox"/> 1600 BPI | | | | | | | | |
| <input type="checkbox"/> 556 BPI | | | | | | | | | |
| <input type="checkbox"/> 800 BPI | | | | | | | | | |
| <input type="checkbox"/> _____ | | | | | | | | | |
| | <p>13. LENGTH OF BYTES IN BITS</p> | | | | | | | | |

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

4-17-78 1

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

Nine distinct record types: Location (1); Physical 1 (2);
Physical 2 (3); Age-Reproductive/Male (4); Age Reproductive/Female (5);
Stomach Contents (6); Stomach Contents Species (7); Text (8) and Age (9)
differentiated by byte 10.

GIVE BRIEF DESCRIPTION OF FILE ORGANIZATION

File sorted by station number (specimen number) and sequence number to
obtain proper sequence.

File Type 025 - 9/11/78 Version

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

3-31-76

RECORD NAME Location (Marine Mammal Specimen)

2

| 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 '025' |
| File Identifier | 4 | 6 | Bytes | A6 | |
| Record Type | 10 | 1 | Bytes | I1 | Always '1' |
| Specimen Number | 11 | 10 | Bytes | A10 | Analogous to NODC Station Number |
| Sequence Number | 21 | 5 | Bytes | I5 | |
| Latitude of Collection, | | | | | |
| Degrees | 26 | 2 | Bytes | I2 | |
| Minutes | 28 | 2 | Bytes | I2 | |
| Seconds | 30 | 2 | Bytes | I2 | |
| Hemisphere | 32 | 1 | Bytes | A1 | 'N' or 'S' |
| Longitude of Collection, | | | | | |
| Degrees | 33 | 3 | Bytes | I3 | |
| Minutes | 36 | 2 | Bytes | I2 | |
| Seconds | 38 | 2 | Bytes | I2 | |
| Hemisphere | 40 | 1 | Bytes | A1 | 'E' or 'W' |
| Date of Collection in GMT, | | | | | |
| Year | 41 | 2 | Bytes | I2 | 00-99 |
| Month | 43 | 2 | Bytes | I2 | 1-12 |
| Day | 45 | 2 | Bytes | I2 | 1-31 |
| Time of Collection in GMT, | | | | | |
| Hours | 47 | 2 | Bytes | I2 | 0-23 |
| Minutes | 49 | 2 | Bytes | I2 | 0-59 |
| Water Depth | 51 | 4 | Bytes | I4 | Whole meters |

RECORD FORMAT DESCRIPTION

5-31-77

RECORD NAME Location, Continued (Marine Mammal Specimen)

3

| 14. FIELD NAME | 15. POSITION FROM-1 MEASURED IN Bytes (e.g., bits, bytes) | 16. LENGTH | | 17. ATTRIBUTES | 18. USE AND MEANING |
|---------------------------------|--|------------|-------|----------------|---------------------------------------|
| | | NUMBER | UNITS | | |
| Tide Stage | 55 | 3 | Bytes | A3 | *Feet to tenths. |
| Habitat Code | 58 | 2 | Bytes | A2 | Use File 025 Habitat Code |
| Behavior Code | 60 | 2 | Bytes | A2 | Use File 027 Behavior Code |
| Ice Codes, | | | | | |
| Type Code | 62 | 1 | Bytes | A1 | Use File 027 Type Code |
| Coverage Codes, | | | | | |
| Octas of thin ice | 63 | 1 | Bytes | A1 | Use File 027 Coverage Code |
| Octas of moderate ice | 64 | 1 | Bytes | A1 | Use File 027 Coverage Code |
| Octas of heavy heavy ice | 65 | 1 | Bytes | A1 | Use File 027 Coverage Code |
| Ice Characteristics Code, | | | | | |
| Of the second greatest coverage | 66 | 1 | Bytes | A1 | Use File 027 Ice Characteristics Code |
| Of the greatest coverage | 67 | 1 | Bytes | A1 | Use File 027 Ice Characteristics Code |
| Deformation Code | 68 | 1 | Bytes | A1 | Use File 027 Deformation Code |
| Transect Width Code | 69 | 1 | Bytes | A1 | Use File 027 Transect Width Code |
| Ice Codes, | | | | | |
| Type Code, | 70 | 1 | Bytes | A1 | Use File 027 Type Code |
| Octas of thin ice | 71 | 1 | Bytes | A1 | Use File 027 Coverage Code |
| Characteristics of thin ice | 72 | 1 | Bytes | A1 | Use File 027 Ice Characteristics Code |
| Octas of moderate ice | 73 | 1 | Bytes | A1 | Use File 027 Coverage Code |

RECORD FORMAT DESCRIPTION

5-20-77
3h

RECORD NAME Location, Continued (Marine Mammal Specimen)

| 14. FIELD NAME | 15. POSITION FROM-1 MEASURED IN Bytes (e.g., bits, bytes) | 16. LENGTH | | 17. ATTRIBUTES | 18. USE AND MEANING |
|---|--|------------|-------|----------------|---------------------------------------|
| | | NUMBER | UNITS | | |
| Characteristics of moderate ice | 74 | 1 | Bytes | A1 | Use File 027 Ice Characteristics Code |
| Octas of heavy ice | 75 | 1 | Bytes | A1 | Use File 027 Coverage Code |
| Characteristics of heavy ice | 76 | 1 | Bytes | A1 | Use File 027 Ice Characteristics Code |
| Deformation Code | 77 | 1 | Bytes | A1 | Use File 027 Deformation Code |
| Transect Width Code | 78 | 1 | Bytes | A1 | Use File 027 Transect Width Code |
| Blank | 79 | 2 | Bytes | 2X | |
| <p>*Tide Height - Given in tenths of the Diurnal Range for nearest prediction location. Ref. Tide Tables - High and Low water predictions, National Ocean Survey, NOAA, U. S. Dept. of Commerce. This provides information as to the actual stage of the tide.</p> <p>Example If the Diurnal Range for a given area is 20 feet and the predicted height + is eight feet for a falling tide, then the coded entry would be (-04).</p> <p>+See page 185-186 of the Tide Table for computation of predicted height for any time.</p> | | | | | |

RECORD FORMAT DESCRIPTION

RECORD NAME Physical 1 (Marine Mammal Specimen)

| 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 '025' |
| File Identifier | 4 | 6 | Bytes | A6 | |
| Record Type | 10 | 1 | Bytes | I1 | Always '2' |
| Specimen Number | 11 | 10 | Bytes | A10 | Analogous to NODC Station Number |
| Sequence Number | 21 | 5 | Bytes | I5 | |
| Taxonomic Code | 26 | 10 | Bytes | 5A2 | |
| Sub Species | 36 | 2 | Bytes | A2 | |
| Sex Code | 38 | 1 | Bytes | A1 | |
| Accompanied by Pup | 39 | 1 | Bytes | A1 | Use Decision Code |
| Mammal Lactating | 40 | 1 | Bytes | A1 | Use Decision Code |
| Mammal Sunk | 41 | 1 | Bytes | A1 | Use Decision Code (N = Floated) |
| Group Size | 42 | 4 | Bytes | I4 | Whole number |
| Collection Method Code | 46 | 1 | Bytes | A1 | Use File 027 Collection Method Code |
| Weight of Hide and Blubber | 47 | 6 | Bytes | I6 | To whole grams |
| Curvilinear Length | 53 | 4 | Bytes | I4 | Centimeters to tenths |
| Axillary Girth | 57 | 4 | Bytes | I4 | Centimeters to tenths |
| Maximum Girth | 61 | 4 | Bytes | I4 | Centimeters to tenths |
| Front Flipper Length | 65 | 3 | Bytes | I3 | Centimeters to tenths |
| Front Flipper Width | 68 | 3 | Bytes | I3 | Centimeters to tenths |
| Hind Flipper Length | 71 | 3 | Bytes | I3 | Centimeters to tenths |
| Hind Flipper Width | 74 | 3 | Bytes | I3 | Centimeters to tenths |
| Blank | 77 | 4 | Bytes | 4X | |

RECORD FORMAT DESCRIPTION

2-10-78

RECORD NAME Physical 2 (Marine Mammal Specimen)

| 4. FIELD NAME | 15. POSITION FROM - 1 MEASURED IN Bytes (e.g., bits, bytes) | 16. LENGTH | | 17. ATTRIBUTES | 18. USE AND MEANING |
|----------------------------|---|------------|-------|----------------|---|
| | | NUMBER | UNITS | | |
| File Type | 1 | 3 | Bytes | A3 | Always '025' |
| File Identifier | 4 | 6 | Bytes | A6 | |
| Record Type | 10 | 1 | Bytes | I1 | Always '3' |
| Specimen Number | 11 | 10 | Bytes | A10 | Analogous to NODC Station Number |
| Sequence Number | 21 | 5 | Bytes | I5 | |
| Navel to Anus Length | 26 | 3 | Bytes | I3 | Centimeters to tenths |
| Penis to Anus Length | 29 | 4 | Bytes | I4 | Centimeters to tenths |
| Tail Length | 33 | 3 | Bytes | I3 | Centimeters to tenths |
| Blubber Thickness, Sternum | 36 | 3 | Bytes | I3 | Centimeters to tenths |
| Blubber Thickness, Chest | 39 | 3 | Bytes | I3 | Centimeters to tenths |
| Neck Circumference | 42 | 3 | Bytes | I3 | Centimeters to tenths |
| Stomach Condition Empty | 46 | 1 | Bytes | A1 | Use Decision Code (N = Has Contents) |
| Gross Weight | 47 | 7 | Bytes | I7 | Whole grams |
| Standard Length | 54 | 4 | Bytes | I4 | Centimeters to tenths |
| Primary Cause of Death | 58 | 1 | Bytes | A1 | Use morbidity and mortality code to describe the general pathological condition which was determined to be the <u>primary</u> cause of death at the time of gross examination. This code pertains only to those animals found dead on the beach and excludes any animal collected for research purposes (i.e. killed by gunshot). |
| Primary Cause of Illness | 59 | 1 | Bytes | A1 | As above for primary cause of illness. Only animals collected for research purposes. |
| Blank | 60 | 21 | Bytes | 21x | |

RECORD FORMAT DESCRIPTION

CORD NAME Age-Reproductive - Male (Marine Mammal Specimen)

2-14-76

| FIELD NAME | 15. POSITION FROM - 1 MEASURED IN Bytes (c.d., bits, bytes) | 16. LENGTH | | 17. ATTRIBUTES | 18. USE AND MEANING |
|----------------------------------|---|------------|-------|----------------|--|
| | | NUMBER | UNITS | | |
| File Type | 1 | 3 | Bytes | A3 | Always '025' |
| File Identifier | 4 | 6 | Bytes | A6 | |
| Record Type | 10 | 1 | Bytes | I1 | Always '4' |
| Specimen Number | 11 | 10 | Bytes | A10 | Analogous to NODC Station Number |
| Sequence Number | 21 | 5 | Bytes | I5 | |
| Age | 26 | 2 | Bytes | I2 | Whole units |
| Age Unit Code | 28 | 1 | Bytes | A1 | Blank - no information (only if age is blank) '1' - years '2' - months '3' - Foetal age in months |
| Age Determination Technique | 29 | 1 | Bytes | A1 | Blank - no information '1' - Claw rings '2' - Dentine annuli '3' - Cementum annuli '4' - Estimated |
| Age Accuracy Code | 30 | 1 | Bytes | A1 | E - Exact Age + - Age is a minimum |
| Baculum Length | 31 | 3 | Bytes | I3 | To whole millimeters |
| Baculum Weight | 34 | 5 | Bytes | I5 | To tenths of grams |
| Testes Weight With Epididymis | 39 | 5 | Bytes | I5 | To tenths of grams |
| Testes Weight Without Epididymis | 44 | 5 | Bytes | I5 | To tenths of grams |
| Testes Volume | 49 | 5 | Bytes | I5 | To tenths of cubic centimeters |
| Testis #1 Length | 54 | 3 | Bytes | I3 | To whole millimeters |
| Width | 57 | 3 | Bytes | I3 | To whole millimeters |
| Testis #2 Length | 60 | 3 | Bytes | I3 | To whole millimeters |
| Width | 63 | 3 | Bytes | I3 | To whole millimeters |

RECORD FORMAT DESCRIPTION

5-10-70
7

RECORD NAME Age-Reproductive- Male, Continued (Marine Mammal Specimen)

| FIELD NAME | 15. POSITION FROM -1 MEASURED IN Bytes (e.g., bits, bytes) | 16. LENGTH | | 17. ATTRIBUTES | 18. USE AND MEANING |
|---------------------------------|--|------------|-------|----------------|---|
| | | NUMBER | UNITS | | |
| Presence of Sperm in Epididymis | 66 | 1 | Bytes | A1 | blank - no information '1' - none found '2' - trace '3' - abundant |
| Sperm Method of Determination | 67 | 1 | Bytes | A1 | blank - no information '1' - smear '2' - cross section of epididymis |
| Blank | 68 | 13 | Bytes | 13X | |

RECORD FORMAT DESCRIPTION

RECORD NAME Age-Reproductive-Female (Marine Mammal Specimen)

3-19-78

| 4. FIELD NAME | 15. POSITION FROM -1 MEASURED IN Bytes (e.g., bits, bytes) | 16. LENGTH | | 17. ATTRIBUTES | 18. USE AND MEANING |
|------------------------------|---|------------|-------|----------------|--|
| | | NUMBER | UNITS | | |
| File Type | 1 | 3 | Bytes | A3 | Always '025' |
| File Identifier | 4 | 6 | Bytes | A6 | |
| Record Type | 10 | 1 | Bytes | I1 | Always '5' |
| Specimen Number | 11 | 10 | Bytes | A10 | Analogous to NODC Station Number |
| Sequence Number | 21 | 5 | Bytes | I5 | |
| Age | 26 | 2 | Bytes | I2 | Whole units |
| Age Unit Code | 28 | 1 | Bytes | A1 | Blank - no information (only if age is blank) '1' - years '2' - months '3' - Foetal age in months |
| Age Determination Techniques | 29 | 1 | Bytes | A1 | Blank - no information '1' - Claw rings '2' - Dentine annuli '3' - Cementum annuli '4' - Estimated |
| Age Accuracy Code | 30 | 1 | Bytes | A1 | E - Exact Age + - Age is a minimum |
| Reproductive Status Code | 31 | 1 | Bytes | A1 | Blank - no information '0' - indeterminable '1' - nulliparous '2' - primiparous '3' - multiparous |
| Reproductive Condition Code | 32 | 1 | Bytes | A1 | Blank - no information '0' - indeterminable '1' - not pregnant '2' - unimplanted pregnant '3' - implanted pregnant '4' - postpartum '5' - aborted '6' - proestrous '7' - estrous '8' - resorption |
| Number of Fetuses | 33 | 1 | Bytes | I1 | |
| Ovary Weight (Combined) | 34 | 4 | Bytes | I4 | To tenths of grams |
| Number of Corpora Lutea | 38 | 1 | Bytes | I1 | |

RECORD FORMAT DESCRIPTION

3-21-72

RECORD NAME Age-Reproductive - Female, Continued (Marine Mammal Specimen)

| 3. FIELD NAME | 15. POSITION FROM-1 MEASURED IN Bytes (e.g., bits, bytes) | 16. LENGTH | | 17. ATTRIBUTES | 18. USE AND MEANING |
|---|--|------------|-------|----------------|----------------------|
| | | NUMBER | UNITS | | |
| Diameter of Largest Corpora Lutea | 39 | 2 | Bytes | I2 | To whole millimeters |
| Number of Corpora Albicantia | 41 | 1 | Bytes | I1 | |
| Diameter of Largest Corpora Albicantia | 42 | 2 | Bytes | I2 | To whole millimeters |
| Number of Follicles Greater than 5 mm in diameter | 44 | 1 | Bytes | I1 | |
| Diameter of Largest Follicle | 45 | 2 | Bytes | I2 | To whole millimeters |
| Number of Uterine Scars | 47 | 1 | Bytes | I1 | |
| Blank | 48 | 33 | Bytes | 33X | |

RECORD FORMAT DESCRIPTION

RECORD NAME Stomach Contents (Marine Mammal Specimen)

9-11-78 10

| 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 '025' |
| File Identifier | 4 | 6 | Bytes | A6 | |
| Record Type | 10 | 1 | Bytes | I1 | Always '6' |
| Specimen Number | 11 | 10 | Bytes | A10 | Analogous to NODC Station Number |
| Sequence Number | 21 | 5 | Bytes | I5 | |
| Weight of Full Stomach | 26 | 6 | Bytes | I6 | To tenths of grams |
| Weight of Empty Stomach | 32 | 5 | Bytes | I5 | To tenths of grams |
| Weight of Food Contents | 37 | 6 | Bytes | I6 | To tenths of grams |
| Total Volume of Contents | 43 | 6 | Bytes | I6 | To tenths of cubic centimeters |
| Stomach Code | 49 | 1 | Bytes | A1 | E - Empty T - Trace M - Measured |
| Blank | 50 | 31 | Bytes | 31x | |

RECORD FORMAT DESCRIPTION

RECORD NAME Stomach Content Species (Marine Mammal Specimen)

| 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 '025' |
| File Identifier | 4 | 6 | Bytes | A6 | |
| Record Type | 10 | 1 | Bytes | I1 | Always '7' |
| Specimen Number | 11 | 10 | Bytes | A10 | Analogous to NODC Station Number |
| Sequence Number | 21 | 5 | Bytes | I5 | |
| Taxonomic Code | 26 | 10 | Bytes | 5A2 | This code and all other measurements on this record refer to the prey items(s). |
| Sub Species | 36 | 2 | Bytes | A2 | |
| Life History Code | 38 | 1 | Bytes | A1 | |
| Miscellaneous Stomach Contents Code | 39 | 2 | Bytes | A2 | Use File 025 Miscellaneous Stomach Contents Code |
| Number of Items Identified | 41 | 4 | Bytes | I4 | |
| Volume of Items Identified | 45 | 6 | Bytes | I6 | Cubic Centimeters to tenths |
| Weight of Items Identified | 51 | 6 | Bytes | I6 | In grams to tenths |
| Mean Length of Items Identified | 57 | 4 | Bytes | I4 | To whole millimeters |
| Maximum Length of Item Identified | 61 | 4 | Bytes | I4 | To whole millimeters |
| Minimum Length of Item Identified | 65 | 4 | Bytes | I4 | To whole millimeters |
| Digestive Organ Code | 69 | 1 | Bytes | A1 | Use File 025 Digestive Organ Code |
| Blank | 70 | 11 | Bytes | 11X | |

RECORD FORMAT DESCRIPTION

3-27-72

12

RECORD NAME Text (Marine Mammal Specimen)

| 8. FIELD NAME | 9. POSITION FROM - 1 MEASURED IN Bytes (i.e., bits, bytes) | 10. LENGTH | | 17. ATTRIBUTES | 18. USE AND MEANING |
|-----------------|--|------------|-------|----------------|----------------------------------|
| | | NUMBER | UNITS | | |
| File Type | 1 | 3 | Bytes | A3 | Always '025' |
| File Identifier | 4 | 6 | Bytes | A6 | |
| Record Type | 10 | 1 | Bytes | I1 | Always '8' |
| Specimen Number | 11 | 10 | Bytes | A10 | Analogous to NODC Station Number |
| Sequence Number | 21 | 5 | Bytes | I5 | |
| Text | 26 | 55 | Bytes | 55A1 | Any alphanumeric information |

RECORD FORMAT DESCRIPTION
(Marine Mammal Specimen)

3-14-78
123

RECORD NAME Age

| 4. FIELD NAME | 15. POSITION FROM -1 MEASURED IN BYTES (c.g., bits, bytes) | 16. LENGTH | | 17. ATTRIBUTES | 18. USE AND MEANING |
|------------------------|---|------------|-------|----------------|--|
| | | NUMBER | UNITS | | |
| File Type | 1 | 3 | Bytes | A3 | Always '025' |
| File Identifier | 4 | 6 | Bytes | A6 | |
| Record Type | 10 | 1 | Bytes | I1 | Always '9' |
| Specimen Number | 11 | 10 | Bytes | A10 | Analogous to NODC Station Number |
| Sequence Number | 21 | 5 | Bytes | I5 | |
| Age | 26 | 2 | Bytes | I2 | Whole units |
| Age Accuracy Code | 28 | 1 | Bytes | A1 | E - Exact age + - Age is a minimum |
| Age Unit Code | 29 | 1 | Bytes | A1 | 1 - years 2 - months 3 - Foetal age in months |
| Age Determination Code | 30 | 1 | Bytes | A1 | Blank - no information 1 - Claw rings 2 - Dentine annuli 3 - Cementum annuli 4 - Estimated |
| Blank | 31 | 50 | Bytes | 50x | |

12/10/81

Bar

Consider this final. I believe
Frost explains all quite well. I'm
not going to consider a new code
00 for "less than" since she said
the biologist takes this as meaning
less than 1 month. Copies of
letters are attached. fid

JAY S. HAMMOND, GOVERNOR

DEPARTMENT OF FISH AND GAME

1300 COLLEGE ROAD
FAIRBANKS, ALASKA 99701

December 1, 1981

Sid Halminski
National Oceanographic
Data Center
Environmental Data and
Information Center
NOAA, Department of Commerce
Washington, DC 20235

Dear Sid:

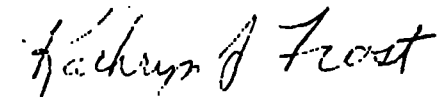
I received a copy of your 25 November 1981 memo to Mike Crane regarding parameter check runs for File Type 025 Marine Mammal Specimen data. In response to your questions:

1. The blank days and/or blank months and days are not errors. Whatever appears--be it year, year and month, or year-month-day--is all the information we have about a particular specimen. These data records are for seals hunted by coastal Eskimos of Alaska. We frequently are able to obtain specimens from seals for which the hunter has no supporting information. As I am sure Mike Crane will tell you, his check programs also flagged these missing months and days until we explained the situation to him. I might suggest that, if an entry in those fields is required, you/we could use 00 for the missing entry.

2. You are correct in your guess that 00 means less than one month in age. I don't find it meaningless; to those of us working with the seals, 0 months implies less than one month. You do not need to add days to your age unit codes as we don't have information that is that precise. We're lucky if we come within one month! If you feel a change of some sort is required, I think your second suggestion, indicating that 00 refers to age 0-1 months, is the preferred. I maintain, however, that it is implicit in the code, since every age obviously refers to an age span, rather than an exact age; e.g., 0 = 0 to 1 mo; 1 = 1 to 2 mo; 11 = 11 to 12 mo; 1 yr = 1 to 1 yr and 11 mo, etc.

If I can be of further assistance, please let me know.

Sincerely,

A handwritten signature in cursive script that reads "Kathryn J. Frost".

Kathryn J. Frost
Marine Mammals Biologist
Division of Game
(907) 452-1531

cc: Michael Crane



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

National Oceanographic Data Center *RU 230*

November 25, 1981

OA/D781/SJH

TO: OA/D781 - Michael Crane

FROM: OA/D781 *Sid Halaminski*
 Sid Halaminski

SUBJECT: OCSEAP File Type 025 Marine Mammal Specimen,
 TR6138 - TR6179

Enclosed is a copy of our parameter check runs, inventory summaries and a list of taxonomic codes for File Type 025 Marine Mammal Specimen data. These data are from Burns, RU230, with the following file ID's corresponding to NODC track numbers.

| <u>FID</u> | <u>Track No.</u> | <u>FID</u> | <u>Track No.</u> | <u>FID</u> | <u>Track No.</u> |
|------------|------------------|------------|------------------|------------|------------------|
| 578HPB | TR6138 | 378NOM | TR6152 | 679SHI | TR6166 |
| 278K01 | TR6139 | 478NOM | TR6253 | 279NOM | TR6167 |
| 178SHI | TR6140 | 648NOM | TR6154 | 579NOM | TR6168 |
| 578SUV | TR6141 | 378GAM | TR6155 | 179HPB | TR6169 |
| 578WAI | TR6142 | 578GAM | TR6156 | 479HPB | TR6170 |
| 778WAI | TR6143 | 578DIO | TR6157 | 579GAM | TR6171 |
| 378PRU | TR6144 | 478PTH | TR6158 | 679WAI | TR6172 |
| N78PRU | TR6145 | 678SHI | TR6159 | 579SAV | TR6173 |
| 378BAR | TR6146 | 279PRU | TR6160 | 679KOT | TR6174 |
| N78BAR | TR6147 | 579PRU | TR6161 | 178HPB | TR6175 |
| 878NWD | TR6148 | 279BAR | TR6162 | 278HPB | TR6176 |
| 178SAV | TR6149 | 479SUV | TR6163 | 378HPB | TR6177 |
| 578SAV | TR6150 | 579DIO | TR6164 | 478HPB | TR6178 |
| 678WAL | TR6151 | 679WAL | TR6165 | 678ELP | TR7179 |

Considering the size of this submission, 42 data sets or 11,195 records, the data appear quite clean. The following data sets have flagged parameters most of which appear to be the same problem:

TR6139 (FID 278K01). Blank days are shown in four stations. These are not critical.

TR6143 (FID 778WAI). There are blank months and days in date fields for six stations. Not critical but at least months would be desirable to have.

TR6151 (FID 678WAL). Same as TR6143 but in two stations.

TR6156 (FID 578GAM). Fourteen stations flagged for reporting exact age as 00 month. Do these mean less than one month? Should these be reported in days? If so, we need to add "days" to our age unit in code 0176 or indicate that 00 is for "less than" in code 0178.



TR6160 (FID 279PRU). Similar to TR6156 but only in one station.

TR6164 (FID 579DIO). Similar to TR6156 but only in one station.

TR6168 (FID 579NOM). Similar to TR6156 but in five stations.

TR6170 (FID 479HPB). Similar to TR6156 but only in one station.

TR6171 (FID 579GAM). Similar to TR6156 but in 17 stations.

TR6173 (FID 579SAV). Similar to TR6156 but in two stations.

TR6178 (FID 478HPB). Similar to TR6156 but in three stations.

Only one change was made in the taxonomic code. Code 8172060601 was changed to 8172061101.

I will keep these data sets in a "hold" processing status until you can clarify the age problem. If the ages cannot be resolved I will have them blanked since zero month is meaningless. The data sets will then be considered final processed.

I have forwarded a copy of the check programs (enclosure) to Ms. Kathy Frost.

Enclosure

cc: D. Dale
W. Fischer
K. Frost (w/enclosure)



UNITED STATES DEPARTMENT OF COMMERCE
National Oceanic and Atmospheric Administration
ENVIRONMENTAL DATA SERVICE
Washington, D.C. 20235

D781x5-80-185

707 A Street
Anchorage, Alaska 99501

RU 230

TAPE # OCSE03

25 July 1980

TO: Toni Johnson, Information Coordinator
FROM: Michael Crane, RU497 *Mike*
SUBJECT: FT025 Data Processing

Forty-two data sets of marine mammal specimen data were processed and forwarded to the NODC. These data were submitted by John Burns, RU230 and RU232, for specimens collected in 1978 and 1979. The timely response by the Fish and Game staff was instrumental in processing the data in less than 60 calendar days. It is my understanding that all data have been submitted to the OCSEA Program from these research units (within the duration of the contract and not after the contract was terminated).

I wish to thank you for your help in nurturing this response, both directly and indirectly. The direct access to the investigator has reduced our "overhead" in gathering answers to data errors. The efficiency in processing marine mammal specimen data allows us to focus our attention to less efficient processing. Your personal interest in these data and improving the processing efficiency is appreciated.

cc: Dr. Bruce
Dr. Webber
Dr. Fischer
J. Audet



1 KSLH

STATE OF ALASKA

DEPARTMENT OF FISH AND GAME

Agnes to 10-15
Frost

JAY S. HAMMOND, GOVERNOR

1300 COLLEGE ROAD
FAIRBANKS 99701

October 3, 1979

Jim Audet
NODC OCSEAP Data Coordinator
US Department of Commerce
NOAA
Environmental Data and
Information Service
National Oceanographic
Data Center
Washington, DC 20235

Dear Jim:

Glad to hear you have received and processed 025 data sets from RU's #230 and 232. Just for clarification, the dates of observation which show only year or year and month are correct. The record type 7's reporting a count of items and a volume of \emptyset were correct. The volume entry should be \emptyset . Those are prey items for which the volume was immeasurable (less than 0.1 ml) but the organisms were countable. Blank implies lack of data, or absence of an item. That was not the case. Also, for the record, all data files in 025 format submitted by us are for both RU's #230 and 232.

We appreciate your efforts. We should have additional data before long.

Sincerely,

Kathy Frost

Kathryn J. Frost
Marine Mammals Biologist
Division of Game

NAPIS # 80 0431

TRACK # TR 6138, TR 6139, TR 6140, TR 6141

COUNTRY..... USA
 INSTITUTE ALASKA DEPT OF FISH & GAME
 PLATFORM
 CRUISE #.....
 CRUISE DATES.....
 PROJECT OCSEAP
 MARDSEN SQUARES
 CATEGORY
 DNP NO
 MODE
 DATE REC'VD 7/29/80
 FILE TYPE 025
 FILE ID

TR 61 42 TR 61 67
 TR 61 43 TR 61 68
 TR 61 44 TR 61 69
 TR 61 45 TR 61 70
 TR 61 46 TR 61 71
 TR 61 47 TR 61 72
 TR 61 48 TR 61 73
 TR 61 49 TR 61 74
 TR 61 50 TR 61 75
 TR 61 51 TR 61 76
 TR 61 52 TR 61 77
 TR 61 53 TR 61 78
 TR 61 54 TR 61 79
 TR 61 55
 TR 61 56
 TR 61 57
 TR 61 58
 TR 61 59
 TR 61 60
 TR 61 61
 TR 61 62
 TR 61 63
 TR 61 64
 TR 61 65
 TR 61 66

TAPE # OCSEAP
 RU 230

| CRUISE # ID | PLATFORM | CRUISE DATES | TRACK No. |
|----------------|------------|---------------|-----------|
| 1 578 HPB | ON FOOT | 780402-781122 | TR 6138 |
| 2 278 KOT | " | 7802 -7802 | TR 6139 |
| 3 178 SHI | " | 780106-780202 | TR 6140 |
| 4 578 SUV | SURVEYOR | 780504-780610 | TR 6141 |
| 5 578 WAI | ON FOOT | 780504-780518 | TR 6142 |
| 6 778 WAI | " | 780701-780712 | TR 6143 |
| 7 378 PRU | HELICOPTER | 780327-780329 | TR 6144 |
| 8 N78 PRU | " | 781105-781111 | TR 6145 |
| 9 378 BAR | " | 780326-780404 | TR 6146 |
| 10 N78 BAR | " | 781114-781117 | TR 6147 |
| 11 878 NWD | NORTHWIND | 780820-780822 | TR 6148 |
| 12 178 SAV | ON FOOT | 780101-780528 | TR 6149 |
| 13 578 SAV | " | 780506-781231 | TR 6150 |
| 14 678 WAL | " | 780531-780617 | TR 6151 |
| 15 378 NOM | " | 780126-780314 | TR 6152 |
| 16 478 NOM | " | 780410-780413 | TR 6153 |
| 17 678 NOM | " | 780608-780612 | TR 6154 |
| 18 378 GAM | " | 780301-780324 | TR 6155 |
| 19 578 GAM | " | 780428-780620 | TR 6156 |
| 20 578 DIO | " | 780519-780615 | TR 6157 |
| 21 478 PTH | " | 780411-780429 | TR 6158 |

| CRUISE # PID | PLATFORM | CRUISE DATES | TRACK No. |
|-----------------|------------|---------------|-----------|
| 1 678 SHI | ON FOOT | 780520-780621 | TR61 59 |
| 2 279 PRU | HELICOPTER | 790220-790223 | TR61 60 |
| 24 579 PRU | " | 790526-790528 | TR61 61 |
| 25 279 BAR | " | 790225-790226 | TR61 62 |
| 26 479 SUV | SURVEYOR | 790415-790428 | TR61 63 |
| 27 579 DIO | ON FOOT | 790513-790608 | TR61 64 |
| 28 679 WAL | " | 790608-790610 | TR61 65 |
| 29 679 SHI | " | 790524-790608 | TR61 66 |
| 30 279 NOM | " | 790204-790228 | TR61 67 |
| 31 579 NOM | " | 790510-790516 | TR61 68 |
| 32 179 HPB | " | 790122-790130 | TR61 69 |
| 33 479 HPB | " | 790227-790516 | TR61 70 |
| 34 579 GAM | " | 790504-790607 | TR61 71 |
| 35 679 WAI | " | 790625-790713 | TR61 72 |
| 36 579 SAV | " | 790520-790615 | TR61 73 |
| 37 679 KOT | " | 790604-790605 | TR61 74 |
| 38 178 HPB | " | 790122-790130 | TR61 75 |
| 39 278 HPB | " | 780202-780220 | TR61 76 |
| 40 378 HPB | " | 780304-780327 | TR61 77 |
| 41 478 HPB | " | 780403-780425 | TR61 78 |
| 42 678 ELP | " | 780606-780627 | TR61 79 |

DATA SET ROUTE SHEET

ACCESSION/TRACK # 80 0431 TR6138-6179

| Step | Completion Date/Init. | | Tape # or LSN | # of Files | BLKSIZE | LRECL | # RECORDS |
|-----------------------|----------------------------|-----|------------------|---------------|---------|-------|-----------|
| ORIGINATOR TAPE # | 12/2/80 | AAA | CRANE 8 | 1 | 4800 | 80 | |
| QUADI/SCAN TAPE # | 12/10/80 | 800 | 015498 | 1 | 4800 | 80 | |
| ✓ DDF EVALUATION | 2/11/81 | Jm | | | | | |
| ✓ QUALITY REVIEW | 2/11/81 | Jm | | | | | |
| PRELIMINARY DATA SORT | | | | | | | |
| ✓ PRELIMINARY MULCHEK | 2/11/81 | Jm | | | | | |
| FIRST USER TAPE # | | | | | | | |
| ✓ WORK DISK FILE | D15J04 * 0 DATA. F025T6138 | | | | | | |
| FINAL USER TAPE # | | | | | | | |
| ✓ FINAL MULCHEK | 9/8/81 | Jm | | | | | |
| EDITED DISK FILE | | | | | | | |
| DATA SET "FINALIZED" | | | | | | | |

Password:

| accNo | fleA | refNo | proj | inst | ship | startDate | cruise | catId |
|---------|------|--------|------|------|------|------------|--------|--------|
| 8000431 | F025 | TR6148 | 0081 | 31W5 | 31NW | 1978/08/20 | NULL | 312973 |
| 8000431 | F025 | TR6141 | 0081 | 31W5 | 31SU | 1978/05/04 | NULL | 312938 |
| 8000431 | F025 | TR6163 | 0081 | 31W5 | 31SU | 1979/04/15 | NULL | 312955 |
| 8000431 | F025 | TR6140 | 0081 | 31W5 | 32FS | 1978/01/06 | NULL | 312936 |
| 8000431 | F025 | TR6142 | 0081 | 31W5 | 32FS | 1978/05/04 | NULL | 312937 |
| 8000431 | F025 | TR6143 | 0081 | 31W5 | 32FS | 1978/07/01 | NULL | 312939 |
| 8000431 | F025 | TR6149 | 0081 | 31W5 | 32FS | 1978/01/01 | NULL | 312943 |
| 8000431 | F025 | TR6150 | 0081 | 31W5 | 32FS | 1978/05/06 | NULL | 312944 |
| 8000431 | F025 | TR6152 | 0081 | 31W5 | 32FS | 1978/01/26 | NULL | 312945 |
| 8000431 | F025 | TR6153 | 0081 | 31W5 | 32FS | 1978/04/10 | NULL | 312946 |
| 8000431 | F025 | TR6154 | 0081 | 31W5 | 32FS | 1978/06/08 | NULL | 312947 |
| 8000431 | F025 | TR6155 | 0081 | 31W5 | 32FS | 1978/03/01 | NULL | 312948 |
| 8000431 | F025 | TR6156 | 0081 | 31W5 | 32FS | 1978/04/28 | NULL | 312949 |
| 8000431 | F025 | TR6157 | 0081 | 31W5 | 32FS | 1978/05/19 | NULL | 312950 |
| 8000431 | F025 | TR6158 | 0081 | 31W5 | 32FS | 1978/04/11 | NULL | 312951 |
| 8000431 | F025 | TR6164 | 0081 | 31W5 | 32FS | 1979/05/13 | NULL | 312956 |
| 8000431 | F025 | TR6166 | 0081 | 31W5 | 32FS | 1979/05/24 | NULL | 312957 |
| 8000431 | F025 | TR6167 | 0081 | 31W5 | 32FS | 1979/02/04 | NULL | 312958 |
| 8000431 | F025 | TR6168 | 0081 | 31W5 | 32FS | 1979/05/10 | NULL | 312959 |
| 8000431 | F025 | TR6169 | 0081 | 31W5 | 32FS | 1979/01/22 | NULL | 312960 |
| 8000431 | F025 | TR6170 | 0081 | 31W5 | 32FS | 1979/02/27 | NULL | 312961 |
| 8000431 | F025 | TR6171 | 0081 | 31W5 | 32FS | 1979/05/04 | NULL | 312962 |
| 8000431 | F025 | TR6172 | 0081 | 31W5 | 32FS | 1979/06/25 | NULL | 312963 |
| 8000431 | F025 | TR6173 | 0081 | 31W5 | 32FS | 1979/05/20 | NULL | 312964 |
| 8000431 | F025 | TR6174 | 0081 | 31W5 | 32FS | 1979/06/04 | NULL | 312965 |
| 8000431 | F025 | TR6175 | 0081 | 31W5 | 32FS | 1978/01/20 | NULL | 312966 |
| 8000431 | F025 | TR6176 | 0081 | 31W5 | 32FS | 1978/02/02 | NULL | 312967 |
| 8000431 | F025 | TR6177 | 0081 | 31W5 | 32FS | 1978/03/04 | NULL | 312968 |
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| 8000431 | F025 | TR6138 | 0081 | 31W5 | 32FS | 1978/04/28 | NULL | 312970 |
| 8000431 | F025 | TR6139 | 0081 | 31W5 | 32FS | 1978/02/01 | NULL | 312971 |
| 8000431 | F025 | TR6151 | 0081 | 31W5 | 32FS | 1978/05/31 | NULL | 312974 |
| 8000431 | F025 | TR6159 | 0081 | 31W5 | 32FS | 1978/05/20 | NULL | 312975 |
| 8000431 | F025 | TR6165 | 0081 | 31W5 | 32FS | 1979/06/08 | NULL | 312976 |
| 8000431 | F025 | TR6178 | 0081 | 31W5 | 32FS | 1978/04/03 | NULL | 312977 |
| 8000431 | F025 | TR6144 | 0081 | 31W5 | 32HP | 1978/03/27 | NULL | 312940 |
| 8000431 | F025 | TR6145 | 0081 | 31W5 | 32HP | 1978/11/05 | NULL | 312941 |
| 8000431 | F025 | TR6146 | 0081 | 31W5 | 32HP | 1978/03/26 | NULL | 312942 |
| 8000431 | F025 | TR6160 | 0081 | 31W5 | 32HP | 1979/02/20 | NULL | 312952 |
| 8000431 | F025 | TR6161 | 0081 | 31W5 | 32HP | 1979/05/26 | NULL | 312953 |
| 8000431 | F025 | TR6162 | 0081 | 31W5 | 32HP | 1979/02/25 | NULL | 312954 |
| 8000431 | F025 | TR6147 | 0081 | 31W5 | 32HP | 1978/11/14 | NULL | 312972 |

(42 rows affected)

Password:

| accNo | fleA | refNo | ship | staCnt | recCnt | startDate | endDate |
|---------|------|--------|------|--------|--------|-----------|----------|
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| 8000431 | F025 | TR6141 | 31SU | 70 | 798 | 78/05/04 | 78/06/10 |
| 8000431 | F025 | TR6163 | 31SU | 25 | 206 | 79/04/15 | 79/04/28 |
| 8000431 | F025 | TR6140 | 32FS | 34 | 393 | 78/01/06 | 78/02/02 |
| 8000431 | F025 | TR6142 | 32FS | 3 | 50 | 78/05/04 | 78/05/18 |
| 8000431 | F025 | TR6143 | 32FS | 43 | 384 | 78/07/01 | 78/07/12 |
| 8000431 | F025 | TR6149 | 32FS | 26 | 119 | 78/01/01 | 78/05/28 |
| 8000431 | F025 | TR6150 | 32FS | 130 | 726 | 78/05/06 | 78/12/31 |
| 8000431 | F025 | TR6152 | 32FS | 8 | 79 | 78/01/26 | 78/03/14 |
| 8000431 | F025 | TR6153 | 32FS | 13 | 143 | 78/04/10 | 78/04/13 |
| 8000431 | F025 | TR6154 | 32FS | 7 | 42 | 78/06/08 | 78/06/12 |
| 8000431 | F025 | TR6155 | 32FS | 21 | 251 | 78/03/01 | 78/03/24 |
| 8000431 | F025 | TR6156 | 32FS | 66 | 511 | 78/04/28 | 78/06/20 |
| 8000431 | F025 | TR6157 | 32FS | 51 | 295 | 78/05/19 | 78/06/15 |
| 8000431 | F025 | TR6158 | 32FS | 22 | 233 | 78/04/11 | 78/04/29 |
| 8000431 | F025 | TR6164 | 32FS | 23 | 203 | 79/05/13 | 79/06/08 |
| 8000431 | F025 | TR6166 | 32FS | 55 | 336 | 79/05/24 | 79/06/08 |
| 8000431 | F025 | TR6167 | 32FS | 11 | 43 | 79/02/04 | 79/02/28 |
| 8000431 | F025 | TR6168 | 32FS | 22 | 128 | 79/05/10 | 79/05/16 |
| 8000431 | F025 | TR6169 | 32FS | 7 | 29 | 79/01/22 | 79/01/30 |
| 8000431 | F025 | TR6170 | 32FS | 78 | 349 | 79/02/27 | 79/05/16 |
| 8000431 | F025 | TR6171 | 32FS | 67 | 429 | 79/05/04 | 79/06/07 |
| 8000431 | F025 | TR6172 | 32FS | 37 | 349 | 79/06/25 | 79/07/13 |
| 8000431 | F025 | TR6173 | 32FS | 49 | 277 | 79/05/20 | 79/06/15 |
| 8000431 | F025 | TR6174 | 32FS | 10 | 40 | 79/06/04 | 79/06/05 |
| 8000431 | F025 | TR6175 | 32FS | 15 | 45 | 78/01/20 | 78/01/30 |
| 8000431 | F025 | TR6176 | 32FS | 14 | 54 | 78/02/02 | 78/02/20 |
| 8000431 | F025 | TR6177 | 32FS | 7 | 27 | 78/03/04 | 78/03/27 |
| 8000431 | F025 | TR6179 | 32FS | 3 | 36 | 78/06/10 | 78/06/11 |
| 8000431 | F025 | TR6138 | 32FS | 39 | 165 | 78/04/28 | 78/11/22 |
| 8000431 | F025 | TR6139 | 32FS | 4 | 47 | 78/02/01 | 78/02/01 |
| 8000431 | F025 | TR6151 | 32FS | 90 | 795 | 78/05/31 | 78/06/17 |
| 8000431 | F025 | TR6159 | 32FS | 224 | 1876 | 78/05/20 | 78/06/21 |
| 8000431 | F025 | TR6165 | 32FS | 2 | 9 | 79/06/08 | 79/06/10 |
| 8000431 | F025 | TR6178 | 32FS | 19 | 73 | 78/04/03 | 78/04/25 |
| 8000431 | F025 | TR6144 | 32HP | 14 | 124 | 78/03/27 | 78/03/29 |
| 8000431 | F025 | TR6145 | 32HP | 27 | 360 | 78/11/05 | 78/11/11 |
| 8000431 | F025 | TR6146 | 32HP | 18 | 190 | 78/03/26 | 78/04/04 |
| 8000431 | F025 | TR6160 | 32HP | 30 | 295 | 79/02/20 | 79/02/23 |
| 8000431 | F025 | TR6161 | 32HP | 14 | 106 | 79/05/26 | 79/05/28 |
| 8000431 | F025 | TR6162 | 32HP | 22 | 268 | 79/02/25 | 79/02/26 |
| 8000431 | F025 | TR6147 | 32HP | 23 | 273 | 78/11/14 | 78/11/17 |

(42 rows affected)