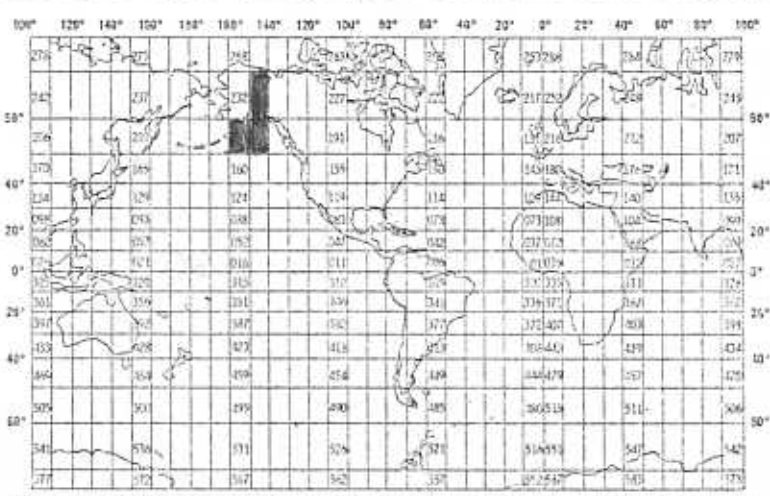


DATA DOCUMENTATION FORM

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

A. ORIGINATOR IDENTIFICATION

THIS SECTION MUST BE COMPLETED BY DONOR FOR ALL DATA TRANSMITTALS

| | | | |
|--|---|---|-----------------|
| 1. NAME AND ADDRESS OF INSTITUTION, LABORATORY, OR ACTIVITY WITH WHICH SUBMITTED DATA ARE ASSOCIATED | | | |
| Alaska Department of Fish and Game 333 Raspberry Road Anchorage, Alaska 99502 | | | |
| 2. EXPEDITION, PROJECT, OR PROGRAM DURING WHICH DATA WERE COLLECTED | | 3. CRUISE NUMBER(S) USED BY ORIGINATOR TO IDENTIFY DATA IN THIS SHIPMENT | |
| OCSEAP | | 760801 = TR0637 760802 = TR0890 760803 = TR0891 760804 = TR0892 760805 = TR0893 760806 = TR0894 760807 = TR0895 | |
| 4. PLATFORM NAME(S) | 5. PLATFORM TYPE(S) (E.G., SHIP, BUOY, ETC.) | 6. PLATFORM AND OPERATOR NATIONALITY(IES) | 7. DATES |
| Bell 206B Helicopter Grumman Widgeon Small Boats | Aircraft, boats | U.S. | U.S. |
| | | FROM: MO, DAY, YR | TO: MO, DAY, YR |
| | | 10/1/75 | 6/10/76 |
| 8. ARE DATA PROPRIETARY? <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES IF YES, WHEN CAN THEY BE RELEASED FOR GENERAL USE? YEAR _____ MONTH _____ | | 11. PLEASE DARKEN ALL MARSDEN SQUARES IN WHICH ANY DATA CONTAINED IN YOUR SUBMISSION WERE COLLECTED. | |
| 9. ARE DATA DECLARED NATIONAL PROGRAM (DNP)? (I.E., SHOULD THEY BE INCLUDED IN WORLD DATA CENTERS HOLDINGS FOR INTERNA- TIONAL 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 TELE- PHONE NUMBER (AND ADDRESS IF OTHER THAN IN ITEM-1) Karl B. Schneider 907-344-0541 | |  | |

B. SCIENTIFIC CONTENT

| NAME OF DATA FIELD | REPORTING UNITS OR CODE | METHODS OF OBSERVATION AND INSTRUMENTS USED (SPECIFY TYPE AND MODEL) | ANALYTICAL METHODS (INCLUDING MODIFICATIONS) AND LABORATORY PROCEDURES | DATA PROCESSING TECHNIQUES WITH FILTERING AND AVERAGING |
|-------------------------------|----------------------------|--|--|---|
| Station Number | Alphanumeric Code | Each station is a standardized, defined geographic area such as a bay or small island | | |
| Sighting Latitude & Longitude | Degrees & Minutes | Represents the approximate midpoint of a standardized station | | |
| Taxonomic Code | Always 8913020101 | | | |
| Collection Method | Always 1 | | | |
| Number of Individuals | Individual sea otters | Direct visual count in field occasionally supplemented by visual count of larger groups from projected 35mm color slides | | |
| Completeness Code | Code (1 or 2) | | | |
| Surface Visibility | Code (1-6) | | | |

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 VE METHOD OF IDENTIFYING EACH RECORD TYPE

Record Type 1 (Location, Marine Mammal Sighting)
3 (Environmental 2, Marine Mammal Sighting)
4 (Sighting 1, Marine Mammal Sighting)
5 (Sighting 2, Marine Mammal Sighting)
7 (Text, Marine Mammal Sighting)

All identified by number in byte 10

2. GIVE BRIEF DESCRIPTION OF FILE ORGANIZATION

Record Type 1 One at start of each survey (each survey has separate file ID)

Record Type 7 One or more in sequence following each Rec Type 1

Record Type 4 }
" 5 } One each, repeated for each station number.
" 3 }

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

4. RESPONSIBLE COMPUTER SPECIALIST:

NAME AND PHONE NUMBER Karl B. Schneider 907-344-0541
ADDRESS 333 Raspberry Road, Anchorage, Alaska 99502

COMPLETE THIS SECTION IF DATA ARE ON MAGNETIC TAPE

| | |
|--|---|
| 5. RECORDING MODE <input type="checkbox"/> BCD <input type="checkbox"/> BINARY <input type="checkbox"/> ASCII <input checked="" type="checkbox"/> EBCDIC <input type="checkbox"/> _____ | 9. LENGTH OF INTER-RECORD GAP (IF KNOWN) <input type="checkbox"/> 3/4 INCH <input type="checkbox"/> _____ |
| 6. NUMBER OF TRACKS (CHANNELS) <input type="checkbox"/> SEVEN <input checked="" type="checkbox"/> NINE <input type="checkbox"/> _____ | 10. END OF FILE MARK <input type="checkbox"/> OCTAL 17 <input type="checkbox"/> _____ |
| 7. PARITY <input type="checkbox"/> ODD <input type="checkbox"/> EVEN | 11. PASTE-ON-PAPER LABEL DESCRIPTION (INCLUDE ORIGINATOR NAME AND SOME LAY SPECIFICATIONS OF DATA TYPE, VOLUME NUMBER) 240 027 760801 760807 706802 760803 760804 760805 751001-760610 Karl Schneider <i>Data submitted on one diskette</i> |
| 8. DENSITY <input type="checkbox"/> 200 BPI <input checked="" type="checkbox"/> 1600 BPI <input type="checkbox"/> 556 BPI <input type="checkbox"/> 800 BPI <input type="checkbox"/> _____ | 12. PHYSICAL BLOCK LENGTH IN BYTES 13. LENGTH OF BYTES IN BITS |

| 14. FIELD NAME | 15. POSITION FROM - 1 MEASURED IN Bytes (e.g., bits, bytes) | 15. LENGTH | | 17. ATTRIBUTES | 18. USE AND MEANING |
|--------------------------|---|------------|-------|----------------|-------------------------------------|
| | | NUMBER | UNITS | | |
| File Type | 1 | 3 | Bytes | A3 | Always '027' |
| File Identifier | 4 | 6 | Bytes | A6 | |
| Record Type | 10 | 1 | Bytes | I1 | Always '7' |
| Flight/Station Number | 11 | 10 | Bytes | A10 | Analogous to NODC station number |
| Sequence Number | 21 | 4 | Bytes | I4 | Ascending order for sorting |
| Text | 25 | 56 | Bytes | 56A1 | Any alphanumeric information |

RECORD FORMAT DESCRIPTION

RECORD NAME Sighting 3 (Marine Mammal Sighting)

| 14. FIELD NAME | 15. POSITION FROM - 1 MEASURED IN Bytes <small>(octal, binary, decimal)</small> | 16. LENGTH | | 17. ATTRIBUTES | 18. USE AND MEANING |
|---------------------------|---|------------|-------|----------------|-------------------------------------|
| | | NUMBER | UNITS | | |
| File Type | 1 | 3 | Bytes | A3 | Always '027' |
| File Identifier | 4 | 6 | Bytes | A6 | |
| Record Type | 10 | 1 | Bytes | I1 | Always '6' |
| Flight/Station Number | 11 | 10 | Bytes | A10 | Analogous to NODC station number |
| Sequence Number | 21 | 4 | Bytes | I4 | Ascending order for sorting |
| Distance from Ice Edge | 25 | 5 | Bytes | I5 | Nautical miles to tenths |
| Distance from Shore | 30 | 5 | Bytes | I5 | Nautical miles to tenths |
| Blank | 35 | 46 | Bytes | 46X | |

RECORD FORMAT DESCRIPTION

104

RECORD NAME Sighting 2 (Marine Mammal Sighting)

| 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 '027' |
| File Identifier | 4 | 6 | Bytes | A6 | |
| Record Type | 10 | 1 | Bytes | I1 | Always '5' |
| Flight/Station Number | 11 | 10 | Bytes | A10 | Analogous to NODC station number |
| Sequence Number | 21 | 4 | Bytes | I4 | Ascending order for sorting |
| Taxonomic Code | 25 | 10 | Bytes | 5A2 | |
| Subspecies Code | 35 | 2 | Bytes | A2 | |
| Behavior Code | 37 | 2 | Bytes | A2 | (use File 027 Behavior Code) |
| Confidence Code | 39 | 1 | Bytes | A1 | (use File 027 Confidence Code) |
| Number of Individuals | 40 | 5 | Bytes | I5 | |
| Confidence Code | 45 | 1 | Bytes | A1 | (use File 027 Confidence Code) |
| Number of Adults | 46 | 5 | Bytes | I5 | |
| Confidence Code | 51 | 1 | Bytes | A1 | (use File 027 Confidence Code) |
| Number of Pups | 52 | 5 | Bytes | I5 | |
| Confidence Code | 57 | 1 | Bytes | A1 | (use File 027 Confidence Code) |
| Total Subadults | 58 | 5 | Bytes | I5 | |
| Confidence Code | 63 | 1 | Bytes | A1 | (use File 027 Confidence Code) |
| Total Adult Males | 64 | 5 | Bytes | I5 | |
| Confidence Code | 69 | 1 | Bytes | A1 | (use File 027 Confidence Code) |
| Total Adult Females | 70 | 5 | Bytes | I5 | |
| Marked Animal Code | 75 | 1 | Bytes | A1 | (use Decision Code) |
| Static/Telemetry Code | 76 | 1 | Bytes | A1 | (use File 027 Static/Telemetry Code) |
| Decomposition age Code | 77 | 1 | Bytes | A1 | (use file 027 Decomposition Stage Code) |

RECORD FORMAT DESCRIPTION

RECORD NAME Sighting 2 (cont'd) (Marine Mammal Sighting)

119/17 106

| 14. FIELD NAME | 15. POSITION FROM - 1 MEASURED IN Bytes (e.g., bits, bytes) | 16. LENGTH | | 17. ATTRIBUTES | 18. USE AND MEANING |
|-------------------|---|------------|-------|----------------|---|
| | | NUMBER | UNITS | | |
| Completeness Code | 78 | 1 | Bytes | A1 | For individual sighting (Use File 027 Completeness Code) |
| Blank | 79 | 2 | Bytes | 2X | |

RECORD FORMAT DESCRIPTION

RECORD NAME Sighting 1 (Marine Mammal Sighting)

| 14. FIELD NAME | 15. POSITION FROM -1 MEASURED IN Bytes (e.g., 425, bytes) | 16. LENGTH | | 17. ATTRIBUTES | 18. USE AND MEANING |
|-----------------------------|--|------------|-------|----------------|-------------------------------------|
| | | NUMBER | UNITS | | |
| File Type | 1 | 3 | Bytes | A3 | Always '027' |
| File Identifier | 4 | 6 | Bytes | A6 | |
| Record Type | 10 | 1 | Bytes | I1 | Always '4' |
| Flight/Station Number | 11 | 10 | Bytes | A10 | Analogous to NODC station number |
| Sequence Number | 21 | 4 | Bytes | I4 | Ascending order for sorting |
| Sighting Starting Date-Time | | | | | |
| Year | 25 | 2 | Bytes | I2 | 00-99 |
| Month | 27 | 2 | Bytes | I2 | 01-12 |
| Day | 29 | 2 | Bytes | I2 | 01-31 |
| Hour | 31 | 2 | Bytes | I2 | 00-23 |
| Minute | 33 | 2 | Bytes | I2 | 00-59 |
| Sighting Latitude, | | | | | |
| Degrees | 35 | 2 | Bytes | I2 | |
| Minutes | 37 | 2 | Bytes | I2 | |
| Seconds | 39 | 2 | Bytes | I2 | |
| Hemisphere | 41 | 1 | Bytes | A1 | 'N' or 'S' |
| Sighting Longitude, | | | | | |
| Degrees | 42 | 3 | Bytes | I3 | |
| Minutes | 45 | 2 | Bytes | I2 | |
| Seconds | 47 | 2 | Bytes | I2 | |
| Hemisphere | 49 | 1 | Bytes | A1 | 'E' or 'W' |
| Distance Surveyed | 50 | 6 | Bytes | I6 | Kilometers to hundredths |
| Area Surveyed | 56 | 5 | Bytes | I5 | Whole kilometers squared |
| Mammal Activity | 61 | 2 | Bytes | A2 | (use File 027 Mammal Activity Code) |

G.M.T.

RECORD FORMAT DESCRIPTION

RECORD NAME Sighting 1 Continued (Marine Mammal Sighting)

| 14. FIELD NAME | 15. POSITION FROM - 1 MEASURED IN Bytes (e.g., bits, bytes) | 16. LENGTH | | 17. ATTRIBUTES | 18. USE AND MEANING |
|----------------------------------|--|------------|-------|----------------|---|
| | | NUMBER | UNITS | | |
| Number of Observers | 63 | 1 | Bytes | I1 | |
| Collection Method Code | 64 | 1 | Bytes | A1 | (use File 027 Collection Method Code) |
| Group Size | 65 | 3 | Bytes | I3 | Whole value |
| Animal Movement Direction | 68 | 3 | Bytes | I3 | Whole degrees |
| Units Code for Sighting Distance | 71 | 1 | Bytes | A1 | (use File 027 Units Code for Sighting Distance) |
| Distance from Platform | 72 | 3 | Bytes | I3 | Whole units (as described in unit code) |
| Bearing to Animals | 75 | 3 | Bytes | I3 | Whole degrees |
| Platform Heading | 78 | 3 | Bytes | I3 | Whole degrees |

RECORD FORMAT DESCRIPTION

RECORD NAME Environmental 2 (Marine Mammal Sighting)

| 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 '027' |
| File Identifier | 4 | 6 | Bytes | A6 | |
| Record Type | 10 | 1 | Bytes | I1 | Always '3' |
| Flight/Station Number | 11 | 10 | Bytes | A10 | Analogous to NODC station number |
| Sequence Number | 21 | 4 | Bytes | I4 | Ascending order for sorting |
| Sighting Date-Time, | | | | | |
| Year | 25 | 2 | Bytes | I2 | 00-99 |
| Month | 27 | 2 | Bytes | I2 | 01-12 |
| Day | 29 | 2 | Bytes | I2 | 01-31 |
| Hour | 31 | 2 | Bytes | I2 | 00-23 |
| Minute | 33 | 2 | Bytes | I2 | 00-59 |
| Sighting Latitude, | | | | | |
| Degrees | 35 | 2 | Bytes | I2 | |
| Minutes | 37 | 2 | Bytes | I2 | |
| Seconds | 39 | 2 | Bytes | I2 | |
| Hemisphere | 41 | 1 | Bytes | A1 | 'N' or 'S' |
| Sighting Longitude, | | | | | |
| Degrees | 42 | 3 | Bytes | I3 | |
| Minutes | 45 | 2 | Bytes | I2 | |
| Seconds | 47 | 2 | Bytes | I2 | |
| Hemisphere | 49 | 1 | Bytes | A1 | 'E' or 'W' |
| Wind Speed | 50 | 2 | Bytes | I2 | Whole knots |
| Wind Direction | 52 | 3 | Bytes | I3 | Whole degrees |
| Visibility | 55 | 1 | Bytes | A1 | WMO 4300 |
| Cloud Type Code | 56 | 1 | Bytes | A1 | WMO 0500 |

| 14. FIELD NAME | 15. POSITION FROM-1 MEASURED IN Bytes (e.g., 50m, bytes) | 16. LENGTH | | 17. ATTRIBUTES | 18. USE AND MEANING |
|---------------------------|--|------------|-------|----------------|---|
| | | NUMBER | UNITS | | |
| Cloud Amount Code | 57 | 1 | Bytes | A1 | WMO Code 2700 |
| Weather Code | 58 | 2 | Bytes | A2 | WMO Code 4677 |
| Air Temperature | 60 | 3 | Bytes | I3 | Whole degrees (if negative, enter minus sign adjacent and to the left of the temperature value) Celsius |
| Sea State Code | 63 | 1 | Bytes | A1 | WMO Code 3700 |
| Water Surface Temperature | 64 | 4 | Bytes | I4 | Degrees Celsius to tenths |
| Water Color Code | 68 | 2 | Bytes | A2 | Forel-Ule Scale |
| Surface Visibility | 70 | 1 | Bytes | A1 | (use File 027 Surface Visibility Code) |
| Barometric Pressure | 71 | 4 | Bytes | I4 | Millibars |
| Inclinometer Angle | 75 | 2 | Bytes | I2 | Whole degrees |
| Water Depth | 77 | 4 | Bytes | I4 | Whole meters |

RECORD FORMAT DESCRIPTION

RECORD NAME Environmental 1 (Marine Mammal Sighting)

| 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 '027' |
| File Identifier | 4 | 6 | Bytes | A6 | |
| Record Type | 10 | 1 | Bytes | I1 | Always '2' |
| Flight/Station Number | 11 | 10 | Bytes | A10 | Analogous to NODC station number |
| Sequence Number | 21 | 4 | Bytes | I4 | Ascending order for sorting |
| Sighting Date-Time ₃ | | | | | |
| Year | 25 | 2 | Bytes | I2 | 00-99 |
| Month | 27 | 2 | Bytes | I2 | 01-12 |
| Day | 29 | 2 | Bytes | I2 | 01-31 |
| Hour | 31 | 2 | Bytes | I2 | 00-23 |
| Minute | 33 | 2 | Bytes | I2 | 00-59 |
| Sighting Latitude, Degrees | 35 | 2 | Bytes | I2 | } G.M.T. |
| Minutes | 37 | 2 | Bytes | I2 | |
| Seconds | 39 | 2 | Bytes | I2 | |
| Hemisphere | 41 | 1 | Bytes | A1 | |
| Sighting ^{Longitude} Latitude , Degrees | 42 | 3 | Bytes | I3 | |
| Minutes | 45 | 2 | Bytes | I2 | |
| Seconds | 47 | 2 | Bytes | I2 | |
| Hemisphere | 49 | 1 | Bytes | A1 | 'E' or 'W' |
| Platform Type Code | 50 | 1 | Bytes | A1 | |
| Platform I.D. Code | 51 | 3 | Bytes | I3 | Originator's internal code: File 027 Platform I. D. Code |
| Platform Direction | 54 | 3 | Bytes | I3 | Planned course of platform in whole degrees. |
| Altitude | 57 | 4 | Bytes | I4 | Whole meters |

RECORD FORMAT DESCRIPTION

RECORD NAME Environmental 1 Continued (Marine Mammal Sighting)

| 14. FIELD NAME | 15. POSITION FROM -1 MEASURED IN Bytes (e.g., bits, bytes) | 16. LENGTH | | 17. ATTRIBUTES | 18. USE AND MEANING |
|---|--|------------|-------|----------------|---|
| | | NUMBER | UNITS | | |
| Air Speed | 61 | 3 | Bytes | I3 | Whole knots |
| Tide Range | 64 | 3 | Bytes | A3 | *Feet to tenths |
| Current Speed | 67 | 2 | Bytes | I2 | Whole knots |
| Current Direction | 69 | 3 | Bytes | I3 | Whole degrees true |
| Ice Codes, | | | | | |
| Type Code | 72 | 1 | Bytes | A1 | (use File 027 Type Code) |
| Coverage Codes, | | | | | |
| Octas of thin ice | 73 | 1 | Bytes | A1 | (use File 027 Coverage Code) |
| Octas of moderate ice | 74 | 1 | Bytes | A1 | (use File 027 Coverage Code) |
| Octas of heavy ice | 75 | 1 | Bytes | A1 | (use File 027 Coverage Code) |
| Ice Characteristics Code, | | | | | |
| Of the second greatest coverage | 76 | 1 | Bytes | A1 | (use File 027 Ice Characteristics Code) |
| Of the greatest coverage | 77 | 1 | Bytes | A1 | (use File 027 Ice Characteristics Code) |
| Deformation Code | 78 | 1 | Bytes | A1 | (use File 027 Deformation Code) |
| Transect Width Code | 79 | 1 | Bytes | A1 | (use File 027 Transect Width Code) |
| Blank | 80 | 1 | Bytes | iX | |
| <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 Tables for computation of predicted height for any time.</p> | | | | | |

RECORD FORMAT DESCRIPTION

RECORD NAME Location (Marine Mammal Sighting)

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 '027' |
| File Identifier | 4 | 6 | Bytes | A6 | |
| Record Type | 10 | 1 | Bytes | I1 | Always '1' |
| Flight/Station Number | 11 | 10 | Bytes | A10 | Analogous to NODC station Number |
| Sequence Number | 21 | 4 | Bytes | I4 | Ascending order for sorting purposes |
| Starting Date-Time Year | 25 | 2 | Bytes | I2 | 00-99 |
| Month | 27 | 2 | Bytes | I2 | 01-12 |
| Day | 29 | 2 | Bytes | I2 | 01-31 |
| Hour | 31 | 2 | Bytes | I2 | 00-23 |
| Minute | 33 | 2 | Bytes | I2 | 00-59 |
| Starting Latitude Degrees | 35 | 2 | Bytes | I2 | |
| Minutes | 37 | 2 | Bytes | I2 | |
| Seconds | 39 | 2 | Bytes | I2 | |
| Hemisphere | 41 | 1 | Bytes | A1 | 'N' or 'S' |
| Starting Longitude Degrees | 42 | 3 | Bytes | I3 | |
| Minutes | 45 | 2 | Bytes | I2 | |
| Seconds | 47 | 2 | Bytes | I2 | |
| Hemisphere | 49 | 1 | Bytes | A1 | 'E' or 'W' |
| Elapsed Time Hours | 50 | 2 | Bytes | I2 | |
| Minutes | 52 | 2 | Bytes | I2 | |
| Distance Along Track | 54 | 5 | Bytes | I5 | Nautical Miles |
| Completeness Code | 59 | 1 | Bytes | A1 | (use file 027 Completeness Code) |

RECORD FORMAT DESCRIPTION

RECORD NAME Location Continued (Marine Mammal Sighting)

| 14. FIELD NAME | 15. POSITION FROM -1 MEASURED IN Bytes (0-6, 4-6, bytes) | 16. LENGTH | | 17. ATTRIBUTES | 18. USE AND MEANING |
|------------------|---|------------|-------|----------------|---------------------|
| | | NUMBER | UNITS | | |
| Ending Latitude | | | | | |
| Degrees | 60 | 2 | Bytes | I2 | |
| Minutes | 62 | 2 | Bytes | I2 | |
| Seconds | 64 | 2 | Bytes | I2 | |
| Hemisphere | 66 | 1 | Bytes | A1 | 'N' or 'S' |
| Ending Longitude | 67 | 3 | Bytes | I3 | |
| Degrees | | | | | |
| Minutes | 70 | 2 | Bytes | I2 | |
| Seconds | 72 | 2 | Bytes | I2 | |
| Hemisphere | 74 | 1 | Bytes | A1 | 'E' or 'W' |
| Blank | 75 | 6 | Bytes | 6X | |



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

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

Date : January 25, 1977

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

From : Francesca M. Cava, Assistant Data Manager
Bering Sea - Gulf of Alaska Project Office

McCava

Subject: Submission of data for R.U. 38.

Under separate cover are one set of punched cards, partial printout
and one DDF. This data is labelled as follows:

FT
038(035) Hickey
Land Collection
750620 - 750808 Craighead for J. Hickey

cc:
L. Jarvela
L. Craighead
J. Hickey

END.

*Cards Received 2/2
11 Total
Henderson + 10*



Corrections

- ① Record with station # KENO1600, TRØ894, seq# 237,
record type 1; record type 1 corrected to 4
- ② Record with station # KENO1200, TRØ894, seq# 248,
record type 5; record type 5 corrected to 3
- ③ Record with station # KENO0600, TRØ894, seq# 265,
record type 8; record type 8 corrected to 5
- ④ Record with station # BARO4700, TRØ895, seq# 496,
record type 0; record type 0 corrected to 3
- ⑤ Deleted last record from originator data