

NODC Electronic Data Documentation Form

NOAA FORM 24-13
(Revised 9/2001)U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL ENVIRONMENTAL SATELLITE, DATA AND INFORMATION SERVICE
NATIONAL OCEANOGRAPHIC DATA CENTER
SSMC-3 FOURTH FLOOR, 1315 EAST WEST HWY
SILVER SPRING MD 20910-3282

FORM APPROVAL PENDING

This form should accompany all data submissions to the National Oceanographic Data Center. Section 1, Contributor Identification, must be completed when the data are submitted. It is highly desirable for NODC to also receive the remaining pertinent descriptive information about the submitted data at that time. Please include any relevant reports, publications, or other supporting documentation that assist in describing data collection, analysis, and format specifics.

SECTION 1. CONTRIBUTOR IDENTIFICATION
(PLEASE COMPLETE INFORMATION ABOUT WHO IS SENDING THE DATA TO NODC.)

1. Name of contributor Kathryn J Frost	5. Telephone (907) 455-6885 June-August (808) 325-6885 Sept-May
2. Organization/Institution name Institute of Marine Science, University of Alaska Fairbanks while conducting research - Alaska Dept. Fish and Game	6. Email kjfrost@eagle.ptialaska.net frostlow@ptialaska.net
3. Mailing address 1550 Coyote Trail	7. FAX (907) 455-6885 June-August (808) 325-6885 Sept-May
4. City Fairbanks State/Province Alaska Zip/Postal Code 99709-6009 Country USA	8. Other contact methods/information enter other contact information, if needed

SECTION 2. DATA COLLECTOR IDENTIFICATION
(PLEASE COMPLETE INFORMATION ABOUT WHO COLLECTED THESE DATA.)

1. Name of data collector Kathryn J. Frost	5. Telephone (907) 455-6885 June-August (808) 325-6885 Sept-May
2. Organization/Institution name Alaska Dept. Fish and Game	6. Email kjfrost@eagle.ptialaska.net frostlow@ptialaska.net
3. Mailing address 1300 College Road	7. FAX (907) 455-6885 June-August (808) 325-6885 Sept-May
4. City Fairbanks State/Province Alaska Zip/Postal Code 99709 Country USA	8. Other contact methods/information Robert J. Small, Marine Mammals Coordinator Alaska Department of Fish and Game Box 25526, Juneau, AK 99802-5526

SECTION 3. GENERAL DATASET DESCRIPTION

(PLEASE COMPLETE GENERAL INFORMATION ABOUT THESE DATA.)

1. Dataset Title (if applicable) (may be sent in an included ASCII text file named "abcTITLE.TXT" where abc are your initials)

Aerial surveys of ringed seals (*Phoca hispida*) on fast and pack ice in the central Beaufort Sea of Alaska, 1985-1987. MMS Cooperative Agreement 14-35-0001-30810

2. Dataset Abstract (please provide a brief description of the contents of the dataset) (may be sent in an included ASCII text file named "abcABSTRACT.TXT" where abc are your initials)

These datasets include counts of ringed seals (*Phoca hispida*) and other marine mammals made during aerial surveys of ringed seals on fast and pack ice of the central Alaskan Beaufort Sea during 1985-1987. The datasets includes counts of seals, by group; designation of whether seals were at holes or along cracks; ice conditions including ice deformation and ice type (fast ice or pack ice); weather conditions; time of observations, and location of observations.

3. Dataset Purpose (please provide a brief statement about the purpose for collecting these data) (may be sent in an included ASCII text file named "abcPURPOSE.TXT" where abc are your initials)

Specific objectives of this project were as follows: 1) review and refine the established protocol for monitoring ringed seal distribution and abundance by aerial surveys; 2) estimate relative abundance and density of molting ringed seals on fast ice in the Beaufort Sea during 1996-1999 and compare with data collected during 1985-1987; and 3) correlate ringed seal densities on shorefast ice with environmental variables. The Minerals Management Service (MMS) funded this study to provide the information required for planning outer continental shelf (OCS) lease sales and monitoring the impacts of oil and gas industry-related activities on ringed seals, especially possible conflicts on the shorefast ice.

4. Dataset collection dates

28 May 1985

First day of data collection

13 June 1987

Last day of data collection

5. Dataset location

Northernmost Latitude +71.9

Southernmost Latitude +69.9

Easternmost Longitude -143.7

Westernmost Longitude 156.5

Ocean/sea area names

Beaufort Sea, Alaska

6. Platform(s) used to collect these data

Platform name(s) and type(s)

NOAA Twin Otter

7. Instruments used to collect these data

Instrument(s)

Visual counts

8. Parameters measured

Parameters

Counts of seals

9. Project name(s)

Monitoring distribution and abundance of ringed seals in northern Alaska

10. Original cruise name(s)

n/a

11. Volume of data transferred (in bytes)

4,406 kb

12. Filenames in data submission

r85l.xls, r85r.xls, r86l.xls, r86r.xls, r87l.xls, r87r.xls

90s only

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1. Dataset Title (if applicable) (may be sent in an included ASCII text file named "abcTITLE.TXT" where abc are your initials)

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3. Dataset Purpose (please provide a brief statement about the purpose for collecting these data) (may be sent in an included ASCII text file named "abcPURPOSE.TXT" where abc are your initials)

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4. Dataset collection dates

29 May 1996

First day of data collection

4 June 1999

Last day of data collection

5 Dataset location

Northernmost Latitude +71.8

Southernmost Latitude +69.9

Easternmost Longitude -143.7

Westernmost Longitude -156.5

Ocean/sea area names

Beaufort Sea

6. Platform(s) used to collect these data

Platform name(s) and type(s)

AeroCommander N7UP

7. Instruments used to collect these data

Instrument(s)

Visual counts

8. Parameters measured

Parameters

counts of seals

9. Project name(s)

Monitoring distribution and abundance of ringed seals in northern Alaska

10. Original cruise name(s)

n/a

11. Volume of data transferred (in bytes)

9,341 kb

12. Filenames in data submission

r96l.xls, r96r.xls, r97l.xls, r97r.xls, r98l.xls, r98r.xls, r99l.xls, r99r.xls

SECTION 4. SCIENTIFIC CONTENT OF DATASET

(PLEASE COMPLETE SPECIFIC INFORMATION ABOUT THESE DATA.)

Include enough information concerning the manner of observation, instrumentation, analysis, and data reduction techniques to make them understandable to future users. Furnish the minimum documentation considered relevant to each data type. Documentation will be retained 'as is' as a permanent part of the data and will be available for future users. Equivalent information already available may be substituted for this section of this form (i.e., publications, reports, and README files containing descriptions of observational and analytical methods).

NAME OF MEASURED PARAMETER	UNIT OF MEASURE USED FOR PARAMETER	OBSERVATION METHOD AND INSTRUMENT USED (TYPE & MODEL	ANALYTICAL METHOD AND LABORATORY PROCEDURES USED (INCLUDING MODIFICATIONS)	DATA PROCESSING TECHNIQUES (WITH FILTERING AND AVERAGING)
SEE ATTACHED DOCUMENTATION	enter corresponding units of measure for each parameter	enter corresponding instrument or observation method for each parameter	enter corresponding analytical method for each parameter	enter corresponding processing technique for each parameter
SECTOR	B1, B2, B3 or B4	b/a	n/a	n/a
LINE	n.n (1-38)	n/a	n/a	n/a
SEL	selected for analysis	n/a	n/a	n/a
DATE	DD/MM/YY	n/a	n/a	n/a
TIME	HH:MM:SS	Alaska Daylight Time	n/a	n/a
LATITUDE	decimal degrees	Global Positioning System	n/a	n/a
LONGITUDE	decimal degrees	Global Positioning System	n/a	n/a
ALT	meters	Radar altimeter	n/a	n/a
SIDE	left or right	n/a	n/a	n/a
SPEC	Species - see attached	n/a	n/a	n/a
GPSZ	Group Size	n/a	n/a	n/a
ICE DEF	Proportion of ice deformed; 0 = 0-5%; 5 = 5-10%; 10 = 10-20%; 20 = 20-30% , etc.	Visual estimate by observer	n/a	n/a
MELTH20	Proportion of ice covered by meltwater; 0 = 0-5%; 5 = 5-10%; 10 = 10-20%; 20 = 20-30%, etc.	Visual estimate by observer	n/a	n/a
ICECOV	NODC Code 127-0065	Visual estimate by observer	n/a	n/a
ICET	NODC Code 127-0064	Visual estimate by observer; reconciled using satellite ice photos	n/a	n/a
<i>FLOES</i> WINDSP	<i>NODC Code 127-0066</i> wind speed; km/hr	<i>Visual estimate</i> Aircraft GPS at survey altitude, or nearest weather station	n/a	n/a
AIRTEMP	Degrees F	Aircraft instruments at altitude or weather station	n/a	n/a
CLOUD	Percent of sky obscured by clouds	Estimated by pilot	n/a	n/a
NUMDATE	YYYYMMDD	Numerical date, for analysis purposes	n/a	n/a

SECTION 5. DATA FORMAT OF DATASET**(PLEASE COMPLETE SPECIFIC INFORMATION ABOUT THE FORMAT OF THESE DATA.)**

Include enough information concerning the format of these data to make them understandable to future users. Furnish at least the minimum documentation considered relevant for your data. Documentation will be retained 'as is' as a permanent part of the data and will be available for future users. Equivalent information already available may be substituted for this section of this form (i.e., publications, reports, and README files containing descriptions of the data format). At a minimum, please include the following information:

1. Media type on which data were submitted (e.g., FTP, exabyte tape, etc.)

Compact Disc

2. Name of included file that contains specific record layout, if applicable, including:

FIELD NAME, POSITION FROM 0 MEASURED IN (BITS, BYTES, ETC.), LENGTH (NUMBER, UNITS), ATTRIBUTES, USE AND MEANING

Excel files; see kjfexcelspecs.txt

3. Brief description of file organization

Data are submitted in Microsoft Excel xls format

4. Record type(s)

n/a

5. Data format information contact person

Name Kathryn J. Frost

Email kjfrost@eagle.ptialaska.net OR frostlow@ptialaska.net

Telephone (907) 455-6885 OR (808) 325-6885

Address 1550 Coyote Trail
Fairbanks, AK 99709-6009

SECTION 6. INSTRUMENT CALIBRATION**(PLEASE COMPLETE SPECIFIC CALIBRATION INFORMATION ABOUT
INSTRUMENTS USED TO COLLECT THESE DATA.)**

Include enough information about instrument calibration to make it understandable to future users. Furnish the minimum documentation considered relevant for each instrument. Documentation will be retained 'as is' as a permanent part of the data and will be available for future users. Equivalent information already available may be substituted for this section of this form (i.e., publications, reports, and README files containing descriptions of observational and analytical methods).

1. Name of included file that contains specific calibration details, if applicable, including:

INSTRUMENT TYPE (MFR., MODEL#), DATE OF LAST CALIBRATION, LAST CALIBRATED BY (NAME, ORGANIZATION), INSTRUMENT CALIBRATED AT (FIXED INTERVALS/BEFORE USE/AFTER USE/BEFORE AND AFTER USE/ONLY AFTER REPAIR/ONLY WHEN NEW/OTHER (SPECIFY)/INSTRUMENT NOT CALIBRATED

n/a