NODC Accession Number

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 Lars Boehme	5. Telephone +44 1334 462677
2. Organization/Institution name NERC Sea Mammal Research Unit	6. Email lb284@st-andrews.ac.uk
3. Mailing address University of St Andrews Fife, KY16 8LB, UK	7. FAX +44 1334 462632
4. City St Andrews State/Province Fife Zip/Postal Code KY16 8LB Country UK	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 Mike Fedak	5. Telephone +44 1334 463218
2. Organization/Institution name NERC Sea Mammal Research Unit	6. Email maf3@st-andrews.ac.uk
3. Mailing address University of St Andrews Fife, KY16 8LB, UK	7. FAX +44 1334 462632
4. City St Andrews State/Province Fife Zip/Postal Code KY16 8LB Country UK	8. Other contact methods/information enter other relevant contact information

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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)

Southern Elephant Seals as Oceanographic Samplers (SEaOS) - South Georgia

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)

Temperature and salinity measurements taken from elephant seals in the Antarctic, Southern Ocean, South Atlantic and other locations from 2004 to 2005

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)

4. Dataset collection dates

First day of data collection	10/01/2004
Last day of data collection	23/11/2005

5 Dataset location

Northernmost Latitude	-41.223
Southernmost Latitude	-69.906
Easternmost Longitude	9.57
Westernmost Longitude	-92.86
Ocean/sea area names	southern ocean, south atlantic

6. Platform(s) used to collect these data
Platform name(s) and type(s)

southern elephant seals

7. Instruments used to collect these data
Instrument(s)

CTD-SRDL

8. Parameters measured
Parameters

pressure, temperature, salinity

9. Project name(s)

SEaOS

10. Original cruise name(s)

11. Volume of data transferred (in bytes)

7,791,206 bytes

12. Filenames in data submission

seaos_sg.txt
seaos_eddf.pdf

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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)
pressure temperature salinity	dbar degree C PSU	CTD-SRDL CTD-SRDL CTD-SRDL		

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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.)

FTP

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

seaos_sg.txt

3. Brief description of file organization

all data is in the file seaos_sg.txt
the fields are ID,STATION,DATE,LAT,LON,PRES,TEMP,PSAL and separated by comma
data points with same ID and STATION belong to the same vertical profile

4. Record type(s)

enter record type descriptions, as appropriate

5. Data format information contact person

Name Lars Boehme

Email lb284@st-andrews.ac.uk

Telephone +44 1334 462677

Address NERC Sea Mammal Research Unit
University of St Andrews
Fife, KY16 8LB, UK

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

enter name of file submitted to NODC containing calibration detail information