

# 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 Dr. Teresa Chereskin	5. Telephone 858-534-6368
2. Organization/Institution name Scripps Institution of Oceanography	6. Email tchereskin@ucsd.edu
3. Mailing address UCSD/SIO MC 0230 Ste. 347 9500 Gilman Drive	7. FAX 858-534-9820
4. City La Jolla State/Province CA Zip/Postal Code 92093 Country USA	8. Other contact methods/information

## SECTION 2. DATA COLLECTOR IDENTIFICATION

(PLEASE COMPLETE INFORMATION ABOUT WHO COLLECTED THESE DATA.)

1. Name of data collector Dr. Teresa Chereskin	5. Telephone 858-534-6368
2. Organization/Institution name enter organization name(s) Scripps Institution of Oceanography	6. Email tchereskin@ucsd.edu
3. Mailing address UCSD/SIO MC 0230 Ste 347 9500 Gilman Drive	7. FAX 858-534-9820
4. City La Jolla State/Province CA Zip/Postal Code 92093 Country USA	8. Other contact methods/information enter other relevant contact information

**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)  
 cDrake

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)  
 CTD Temperature and Salinity data across Drake Passage.

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)  
 To gather temperature and salinity across Drake Passage

4. Dataset collection dates                      Nov 21 2007  
 First day of data collection                      Dec 09 2011  
 Last day of data collection

5 Dataset location  
 Northernmost Latitude    -54.92553  
 Southernmost Latitude    -62.20689  
 Easternmost Longitude    -59.48078  
 Westernmost Longitude    -65.16726  
 Ocean/sea area names  
 Southern Ocean

6. Platform(s) used to collect these data  
 Platform name(s) and type(s)  
 RVIB Nathaniel B. Palmer

7. Instruments used to collect these data  
 Instrument(s)  
 Conductivity - Seabird Electronics SBE4  
 Temperature - Seabird Electronics SBE3  
 Pressure -Seabird Electornics SBE9plus

8. Parameters measured  
 Parameters  
 pressure,temperature,conductivity

9. Project name(s)  
 cDrake

10. Original cruise name(s)  
 NBP0710,NBP0812,NBP0908 NBP1004,NBP1107

11. Volume of data transferred (in bytes)  
 16 MB

12. Filenames in data submission  
 cDrake\_CTD\_2007-2011.nc

**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)
enter one or more measured parameter	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
1. presd - downcast pressure presu - upcast pressure	1. dbar dbar	1. Sea-Bird Electronics SBE9plus Sea-Bird Electronics SBE9plus		1. Sea-Bird processing: datacnv, wildedit ,binave, derive.
2. temd - downcast temperature temu - upcast temperature	2. degrees C degrees C	2. Sea-Bird Electronics SBE3 Sea-Bird Electronics SBE3		2. Sea-bird processing: datacnv, wildedit, binave, derive
3. sald - downcast salinity salu - upcast salinity	3. psu psu	3. Sea-Bird Electronics SBE4 Sea-Bird Electronics SBE4		3. Sea-Bird processing: datacnv, wildedit, celltm(alpha=0.03,0.0; tau= 7.0,,0.0), binavg, derive.
4. lat - latitude of cast lon - longitude of cast	4. degrees degrees	4.       GPS		
5. stat - station name cast - cast number	5.integer integer	5.		
6. tstart - cast start tend - cast end	6. decimal day decimal day	6.		
7. year_base - year of cast bot - water depth of cast	7. 4-digit integer meters	7.		

**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

matlab format files.

3. Brief description of file organization

Processed CTD data with Sea-Bird Electronics SeaSoft software.

4. Record type(s)

netcdf

5. Data format information contact person

Name Dr Teresa Chereskin

Email tchereskin@ucsd.edu

Telephone 858-534-6368

Address UCSD/SIO MC 0230 Ste 347  
9500 Gilman Drive  
La Jolla, CA  
92093

**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