

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 Philip Mele Arnold Gordon	5. Telephone 845.365.8575 845.365.8325
2. Organization/Institution name Lamont-Doherty Earth Observatory	6. Email pmele@ldeo.columbia.edu
3. Mailing address 202 Oceanography, LDEO 203 Oceanography, LDEO	7. FAX 845.365.8147
4. City Palisades State/Province NY Zip/Postal Code 10964-8000 Country U.S.A.	8. Other contact methods/information

SECTION 2. DATA COLLECTOR IDENTIFICATION

(PLEASE COMPLETE INFORMATION ABOUT WHO COLLECTED THESE DATA.)

1. Name of data collector Arnold L. Gordon	5. Telephone 845.365.8325
2. Organization/Institution name Lamont-Doherty Earth Observatory	6. Email agordon@ldeo.columbia.edu
3. Mailing address 203 Oceanography, LDEO	7. FAX 845.365.8147
4. City Palisades State/Province NY Zip/Postal Code 10964-8000 Country U.S.A.	8. Other contact methods/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)

PhilEx exploratory cruise

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)

142 CTD stations with pressure, temperature, salinity and oxygen

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)

Characterization and modelling of archipelago strait dynamics.

4. Dataset collection dates

6 Jun 2007

First day of data collection

2 Jul 2007

Last day of data collection

5 Dataset location

Northernmost Latitude 14N

Southernmost Latitude 8N

Easternmost Longitude 110E

Westernmost Longitude 119E

Ocean/sea area names 127E

Philippine Seas

6. Platform(s) used to collect these data

Platform name(s) and type(s)

RV Melville (U.S.A.)

NODC code: 318M

7. Instruments used to collect these data

Instrument(s)

SeaBird 911plus CTD

8. Parameters measured

Parameters

pressure, temperature, conductivity, oxygen current

reported as: pressure, temperature, salinity and oxygen

9. Project name(s)

PhilEx01

10. Original cruise name(s)

MGLN20MV

11. Volume of data transferred (in bytes)

1286039

12. Filenames in data submission

px01.zip, px01_EDDF2.pdf (this file), px01_format.txt.

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	decibars	SeaBird 911plus CTD		standard SeaBird processing
temperature	degrees Celsius ipts-68	SeaBird 911plus CTD		standard SeaBird processing
salinity	psu	SeaBird 911plus CTD		Standard SeaBird processing, calibrated to rosette samples
oxygen	ml/L	SeaBird 911plus CTD		Standard SeaBird processing, calibrated to rosette samples

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

px01_format.txt

3. Brief description of file organization

px01.zip: zip file with 142 individual files, one per station, named as follows.

px01.XXX, where XXX is station number from 1 to 142

4. Record type(s)

enter record type descriptions, as appropriate

5. Data format information contact person

Name Philip Mele

Email pmele@ldeo.columbia.edu

Telephone 845.365.8575

Address 202 Ocean., LDEO
Palisades, NY 10964-8000

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