NODC Electronic Data Documentation Form

NOAA FORM 24-13   U.S. DEPARTMENT OF COMMERCE   FORM APPROVAL PENDING
(Revised 9/2001)   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

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 Xiaoyan Qi	5. Telephone 910-9622553
2. Organization/Institution name CORMP/CarolinasRCOOS	6. Email qix@uncw.edu
3. Mailing address Center for Marine Science University of North Carolina at Wilmington 5600 Marvin K. Moss Lane	7. FAX 910-9622410
4. City Wilmington State/Province NC Zip/Postal Code 28409 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 CORMP	5. Telephone 910-9622777
2. Organization/Institution name CORMP/CarolinasRCOOS	6. Email info@cormp.org
3. Mailing address Center for Marine Science University of North Carolina at Wilmington 5600 Marvin K. Moss Lane	7. FAX 910-9622410
4. City Wilmington State/Province NC Zip/Postal Code 28409 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)

 CORMP Data 2009

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)

 The operational area for the CORMP observing network extends from estuaries (including the Cape Fear River Estuary and it's plume) to the coast, across the continental margin to the Gulf Stream, and from the SC/NC border to north of Cape Lookout. Data included in this submission are real time data collected from stations ILM2, ILM3 and OCP1. Basic data including time (GMT), latitude, longitude, wave, sea surface temperature, weather conditions, and sea state are noted upon arrival at every station.

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)

 The Coastal Ocean Research and Monitoring Program (CORMP) at the University of North Carolina at Wilmington (UNCW) is a research and monitoring program that addresses these goals in the coastal ocean. The program mission is to provide an interdisciplinary science-based framework that supports sound public policy leading to wise coastal use, sustainable fisheries and improved coastal ocean ecosystem health.

4. Dataset collection dates

First day of data collection

Last day of data collection

01/01/2009

12/31/2009

5 Dataset location		6. Platform(s) used to collect these data
Northernmost Latitude	34.81	Platform name(s) and type(s)
Southernmost Latitude	-33.14	
Easternmost Longitude	-76.13	ILM2: buoy
Westernmost Longitude	-78.60	ILM3: buoy
Ocean/sea area names		OCP1: pier station

 North Carolina coastal area, onslow bay, long bay, oak island, NC, Wilmington, south east Atlantic ocean, ILM2, ILM3, OCP1

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

Coastal Environmental Weatherpack, RD Instruments Workhorse Sentinel ADCP with Waves upgrade,   Datawell Directional Waverider buoy, Seabird SBE 16-plus IM CT logger

8. Parameters measured
Parameters

 air temperature, barometric pressure, wind speed, wind gust, wind direction, temperature, salinity,conductivity, significant wave height, dominant wave period, wave direction

9. Project name(s)

 CORMP/CarolinasRCOOS

10. Original cruise name(s)

11. Volume of data transferred (in bytes)

 7332 kilobyte

12. Filenames in data submission

 ILM2_2009_met.nc, ILM2_2009_wave.nc, ILM2_2009_ct.nc, ILM3_2009_met.nc, ILM3_2009.ct.nc, OCP1_2009_met.nc, OCP1_2009_ct.nc, OCP1_2009_wave.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)
Air temperature	Celsius	Coastal environmental weatherpack		Pass CORMP QA/QC procedure.
Barometric pressure	millibars	Coastal environmental weatherpack		Pass CORMP QA/QC procedure.
Wind Speed/wind gust	m/s	Coastal environmental weatherpack		Pass CORMP QA/QC procedure.
Wind Direction	degree	coastal environmental weatherpack		Pass CORMP QA/QC procedure.
Water Temperature / Water conductivity / Water Salinity	Celsius	CT Logger		Pass CORMP QA/QC procedure.
Significant Wave height	meter	Datawell Waverider buoy / ADCP		Pass CORMP QA/QC procedure.
Dominant wave period	second	Datawell Waverider buoy / ADCP		Pass CORMP QA/QC procedure.
Wave direction	degree	Datawell Waverider buoy / ADCP		Pass CORMP QA/QC procedure.

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

3. Brief description of file organization
 enter file organization description including any proprietary software used to organize submitted data

4. Record type(s)
 enter record type descriptions, as appropriate

5. Data format information contact person
Name   Xiaoyan Qi

Email   qix@uncw.edu

Telephone   910-9622553

Address   5600 Marvin K. Moss lane, Wilmington, NC 28409

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