

DATA DOCUMENTATION FORM

318382 C100

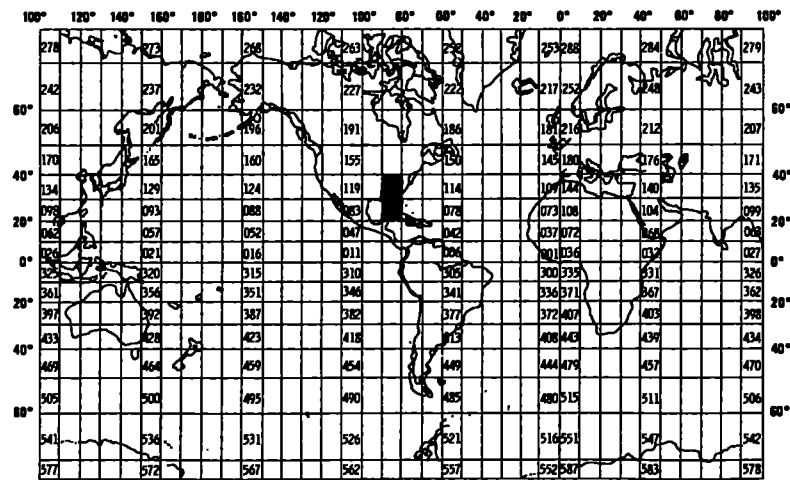
327061-327070 C100

NOAA FORM 24-13
(4-72)U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL OCEANOGRAPHIC DATA CENTER
RECORDS SECTION
ROCKVILLE, MARYLAND 20852FORM APPROVED
O.M.B. No. 41-R2651

This form should accompany all data submissions to NODC. Section A, Originator Identification, must be completed when the data are submitted. It is highly desirable for NODC to also receive the remaining pertinent information at that time. This may be most easily accomplished by attaching reports, publications, or manuscripts which are readily available describing data collection, analysis, and format specifics. Readable, handwritten submissions are acceptable in all cases. All data shipments should be sent to the above address.

A. ORIGINATOR IDENTIFICATION

THIS SECTION MUST BE COMPLETED BY DONOR FOR ALL DATA TRANSMITTALS

1. NAME AND ADDRESS OF INSTITUTION, LABORATORY, OR ACTIVITY WITH WHICH SUBMITTED DATA ARE ASSOCIATED <i>Marine Science Programs University of Alabama Box 386 Dauphin Island, Alabama 36528</i>											
2. EXPEDITION, PROJECT, OR PROGRAM DURING WHICH DATA WERE COLLECTED <i>University of Alabama - Alabama Estuarine and Continental Shelf Oceanographic Survey (AECSOS)</i>		3. CRUISE NUMBER(S) USED BY ORIGINATOR TO IDENTIFY DATA IN THIS SHIPMENT <i>A-73-36 A-73-67 A-74-12 ✓ A-73-39 A-73-68 A-74-24 ✓ A-73-52 A-73-69 A-74-36 ✓ A-73-64 A-74-4 A-74-47 ✓</i>									
4. PLATFORM NAME(S) <i>R/V AQUARIUS</i>	5. PLATFORM TYPE(S) (E.G., SHIP, BUOY, ETC.) <i>SHIP</i>	6. PLATFORM AND OPERATOR NATIONALITY(IES) <table border="1"><thead><tr><th>PLATFORM</th><th>OPERATOR</th></tr></thead><tbody><tr><td><i>USA</i></td><td><i>USA</i></td></tr></tbody></table>	PLATFORM	OPERATOR	<i>USA</i>	<i>USA</i>	7. DATES <table border="1"><thead><tr><th>FROM: MO/DAY/YR</th><th>TO: MO/DAY/YR</th></tr></thead><tbody><tr><td><i>7/01/73</i></td><td><i>10/19/74</i></td></tr></tbody></table>	FROM: MO/DAY/YR	TO: MO/DAY/YR	<i>7/01/73</i>	<i>10/19/74</i>
PLATFORM	OPERATOR										
<i>USA</i>	<i>USA</i>										
FROM: MO/DAY/YR	TO: MO/DAY/YR										
<i>7/01/73</i>	<i>10/19/74</i>										
8. ARE DATA PROPRIETARY? <input type="checkbox"/> NO <input checked="" type="checkbox"/> YES IF YES, WHEN CAN THEY BE RELEASED FOR GENERAL USE? YEAR _____ MONTH _____		11. PLEASE DARKEN ALL MARSDEN SQUARES IN WHICH ANY DATA CONTAINED IN YOUR SUBMISSION WERE COLLECTED. GENERAL AREA 									
9. ARE DATA DECLARED NATIONAL PROGRAM (DNP)? (I.E., SHOULD THEY BE INCLUDED IN WORLD DATA CENTERS HOLDINGS FOR INTERNATIONAL EXCHANGE?) <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES <input type="checkbox"/> PART (SPECIFY BELOW)											
10. PERSON TO WHOM INQUIRIES CONCERNING DATA SHOULD BE ADDRESSED WITH TELEPHONE NUMBER (AND ADDRESS IF OTHER THAN IN ITEM-1) <i>MESC Data Processing Coordinator Box 386 Dauphin Island, Alabama 36528 (205) 861-3702</i>											

B. SCIENTIFIC CONTENT

Include enough information concerning manner of observation, instrumentation, analysis, and data reduction routines to make them understandable to future users. Furnish the minimum documentation considered relevant to each data type. Documentation will be retained as a permanent part of the data and will be available to future users. Equivalent information already available may be substituted for this section of the form (i.e., publications, reports, and manuscripts describing observational and analytical methods). If you do not provide equivalent information by attachment, please complete the scientific content section in a manner similar to the one shown in the following example.

EXAMPLE (HYPOTHETICAL INFORMATION)

NAME OF DATA FIELD	REPORTING UNITS OR CODE	METHODS OF OBSERVATION AND INSTRUMENTS USED (SPECIFY TYPE AND MODEL)	ANALYTICAL METHODS (INCLUDING MODIFICATIONS) AND LABORATORY PROCEDURES	DATA PROCESSING TECHNIQUES WITH FILTERING AND AVERAGING
Salinity	‰	Nansen bottles	Inductive salinometer (Hytech model 5510)	N/A (Not applicable)
		STD Bissett-Berman Model 9006	N/A	Values averaged over 5-meter intervals
Water color	Forel scale	Visual comparison with Forel bottles	N/A	N/A
Sediment size	φ units and percent by weight	Ewing corer	Standard sieves. Carbonate fraction removed by acid treatment	Same as "Sedimentary Rock Manual," Folk '65

(SPACE IS PROVIDED ON THE FOLLOWING
TWO PAGES FOR THIS INFORMATION)

B. SCIENTIFIC CONTENT

NAME OF DATA FIELD	REPORTING UNITS OR CODE	METHODS OF OBSERVATION AND INSTRUMENTS USED (SPECIFY TYPE AND MODEL)	ANALYTICAL METHODS (INCLUDING MODIFICATIONS) AND LABORATORY PROCEDURES	DATA PROCESSING TECHNIQUES WITH FILTERING AND AVERAGING
Temperature	Degrees Centigrade	Hydrolab Surveyor* Model 6-D	N/A	N/A
Salinity	‰	Hydrolab Surveyor* Model 6-D	N/A	N/A
Dissolved Oxygen	PPM	Hydrolab Surveyor* Model 6-D	N/A	N/A
* point to point vertical profiling				

B. SCIENTIFIC CONTENT

NAME OF DATA FIELD	REPORTING UNITS OR CODE	METHODS OF OBSERVATION AND INSTRUMENTS USED (SPECIFY TYPE AND MODEL)	ANALYTICAL METHODS (INCLUDING MODIFICATIONS) AND LABORATORY PROCEDURES	DATA PROCESSING TECHNIQUES WITH FILTERING AND AVERAGING

C. DATA FORMAT

This information is requested only for data transmitted on punched cards or magnetic tape. Have one of your data processing specialists furnish answers either on the form or by attaching equivalent readily available documentation. Identify the nature and meaning of all entries and explain any codes used.

1. List the record types contained in your file transmittal (e.g., tape label record, master, detail, standard depth, etc.).
2. Describe briefly how your file is organized.
- 3-13. Self-explanatory.
14. Enter the field name as appropriate (e.g., header information, temperature, depth, salinity).
15. Enter starting position of the field.
16. Enter field length in number columns and unit of measurement (e.g., bit, byte, character, word) in unit column.
17. Enter attributes as expressed in the programming language specified in item 3 (e.g., "F 4.1," "BINARY FIXED (5.1)").
18. Describe field. If sort field, enter "SORT 1" for first, "SORT 2" for second, etc. If field is repeated, state number of times it is repeated.

COMPLETE THIS SECTION FOR PUNCHED CARDS OR TAPE, MAGNETIC TAPE, OR DISC SUBMISSIONS.

Punch cards NODC Ocean Station Format

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NAME AND PHONE NUMBER _____
ADDRESS _____

5. RECORDING MODE <div style="display: flex; justify-content: space-between; margin-top: 10px;"> <div><input type="checkbox"/> BCD</div> <div><input type="checkbox"/> BINARY</div> </div> <div style="display: flex; justify-content: space-between; margin-top: 10px;"> <div><input type="checkbox"/> ASCII</div> <div><input type="checkbox"/> EBCDIC</div> </div> <div style="margin-top: 10px;"><input type="checkbox"/> _____</div>	9. LENGTH OF INTER-RECORD GAP (IF KNOWN) <input type="checkbox"/> 3/4 INCH <div style="margin-top: 10px;"><input type="checkbox"/> _____</div>
6. NUMBER OF TRACKS (CHANNELS) <div style="margin-top: 10px;"><input type="checkbox"/> SEVEN</div> <div style="margin-top: 10px;"><input type="checkbox"/> NINE</div> <div style="margin-top: 10px;"><input type="checkbox"/> _____</div>	10. END OF FILE MARK <div style="margin-top: 10px;"><input type="checkbox"/> OCTAL 17</div> <div style="margin-top: 10px;"><input type="checkbox"/> _____</div>
7. PARITY <div style="margin-top: 10px;"><input type="checkbox"/> ODD</div> <div style="margin-top: 10px;"><input type="checkbox"/> EVEN</div>	11. PASTE-ON-PAPER LABEL DESCRIPTION (INCLUDE ORIGINATOR NAME AND SOME LAY SPECIFICATIONS OF DATA TYPE, VOLUME NUMBER) <div style="height: 100px; border: 1px solid black; margin-top: 10px;"></div>
8. DENSITY <div style="margin-top: 10px;"><input type="checkbox"/> 200 BPI <input type="checkbox"/> 1600 BPI</div> <div style="margin-top: 10px;"><input type="checkbox"/> 556 BPI</div> <div style="margin-top: 10px;"><input type="checkbox"/> 800 BPI</div> <div style="margin-top: 10px;"><input type="checkbox"/> _____</div>	12. PHYSICAL BLOCK LENGTH IN BYTES <div style="height: 40px; border: 1px solid black; margin-top: 10px;"></div>
	13. LENGTH OF BYTES IN BITS <div style="height: 40px; border: 1px solid black; margin-top: 10px;"></div>

RECORD NAME

14. FIELD NAME	15. POSITION FROM - 1 MEASURED IN <small>(e.g., bits, bytes)</small>	16. LENGTH		17. ATTRIBUTES	18. USE AND MEANING
		NUMBER	UNITS		

RECORD FORMAT DESCRIPTION

RECORD NAME _____

14. FIELD NAME	15. POSITION FROM - 1 MEASURED IN _____ (e.g., bits, bytes)	16. LENGTH		17. ATTRIBUTES	18. USE AND MEANING
		NUMBER	UNITS		

RECORD FORMAT DESCRIPTION

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		NUMBER	UNITS		

◦ RECORD FORMAT DESCRIPTION

RECORD NAME _____

14. FIELD NAME	15. POSITION FROM - 1 MEASURED IN _____ (e.g., bits, bytes)	16. LENGTH		17. ATTRIBUTES	18. USE AND MEANING
		NUMBER	UNITS		

D. INSTRUMENT CALIBRATION

This calibration information will be utilized by NOAA's National Oceanographic Instrumentation Center in their efforts to develop calibration standards for voluntary acceptance by the oceanographic community. Identify the instruments used by your organization to obtain the scientific content of the DDF (i.e., STD, temperature and pressure sensors, salinometers, oxygen meters, velocimeters, etc.) and furnish the calibration data requested by completing and/or checking ("✓") the appropriate spaces. Add the interval time (i.e., 3 months, 6 months, 9 months, etc.) if the fixed interval calibration cycle is checked.

INSTRUMENT TYPE (MFR., MODEL NO.)	DATE OF LAST CALIBRATION	INSTRUMENT WAS CALIBRATED BY		CHECK ONE: INSTRUMENT IS CALIBRATED					INSTRUMENT IS NOT CALI- BRATED (✓)
		YOUR ORGANIZATION (✓)	OTHER ORGANIZATION (GIVE NAME)	AT FIXED INTERVALS (✓)	BEFORE OR AFTER USE (✓)	BEFORE AND AFTER USE (✓)	ONLY AFTER REPAIR (✓)	ONLY WHEN NEW (✓)	
MODEL G-D IN-SITU WATER QUALITY ANALYZER (SURVEYOR) Hydrolab Corp. Austin, Tx.		✓		3 months Multi-point Full Range 9-22-74		✓			

Password:

accNo	fleA	refNo	proj	inst	ship	startDate	cruise	catId
7400820	C100	318382	0070	31F5	318B	1973/05/03	7306	285586
7400820	C100	327061	0070	31F5	32GR	1971/03/16	7103	285587
7400820	C100	327062	0070	31F5	32AQ	1973/11/20	7367	285588
7400820	C100	327063	0070	31F5	32AQ	1973/07/09	7339	285589
7400820	C100	327064	0070	31F5	32AQ	1973/07/01	7336	285590
7400820	C100	327065	0070	31F5	32AQ	1973/12/08	7368	285591
7400820	C100	327066	0070	31F5	32AQ	1973/12/13	7369	285592
7400820	C100	327067	0070	31F5	32AQ	1974/07/02	7424	285593
7400820	C100	327068	0070	31F5	32AQ	1974/04/26	7412	285594
7400820	C100	327069	0070	31F5	32AQ	1974/08/02	7436	285595
7400820	C100	327070	0070	31F5	32AQ	1974/10/18	7447	285596

(11 rows affected)

Password:

accNo	fileA	refNo	ship	staCnt	recCnt	startDate	endDate
7400820	C100	318382	318B	4	8	May 3 1973	May 6 1973
7400820	C100	327061	32GR	11	9	Mar 16 1971	Mar 17 1971
7400820	C100	327062	32AQ	1	1	Nov 20 1973	Nov 20 1973
7400820	C100	327063	32AQ	24	24	Jul 9 1973	Jul 10 1973
7400820	C100	327064	32AQ	4	4	Jul 1 1973	Jul 1 1973
7400820	C100	327065	32AQ	3	3	Dec 8 1973	Dec 8 1973
7400820	C100	327066	32AQ	26	26	Dec 13 1973	Dec 14 1973
7400820	C100	327067	32AQ	27	27	Jul 2 1974	Jul 3 1974
7400820	C100	327068	32AQ	26	26	Apr 26 1974	Apr 27 1974
7400820	C100	327069	32AQ	26	26	Aug 2 1974	Aug 3 1974
7400820	C100	327070	32AQ	26	26	Oct 18 1974	Oct 19 1974

(11 rows affected)