

DATA DOCUMENTATION FORM

TR6948

FAA FORM 24-13

-77)

U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL OCEANOGRAPHIC DATA CENTER
RECORDS SECTION
WASHINGTON, DC 20235FORM APPROVED
O.M.B. No. 41-R2651
EXPIRES 1-81

copy Tape # 017342

(While you are not required to use this form, it is the most desirable mechanism for providing the required ancillary information enabling the NODC and users to obtain the greatest benefit from your data.)

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

NAME AND ADDRESS OF INSTITUTION, LABORATORY, OR ACTIVITY WITH WHICH SUBMITTED DATA ARE ASSOCIATED

George L. Hunt
U.C. Irvine
Irvine, CA. 92717
714-833-6322

EXPEDITION, PROJECT, OR PROGRAM DURING WHICH
DATA WERE COLLECTED

PROBES

3. CRUISE NUMBER(S) USED BY ORIGINATOR TO IDENTIFY
DATA IN THIS SHIPMENT

UCI280

PLATFORM NAME(S)

5. PLATFORM TYPE(S)
(E.G., SHIP, BUOY, ETC.)6. PLATFORM AND OPERATOR
NATIONALITY(IES)

7. DATES

G. Thompson

research ship

US

US

FROM: MO/DAY/YR
4/06/80TO: MO/DAY/YR
4/23/80

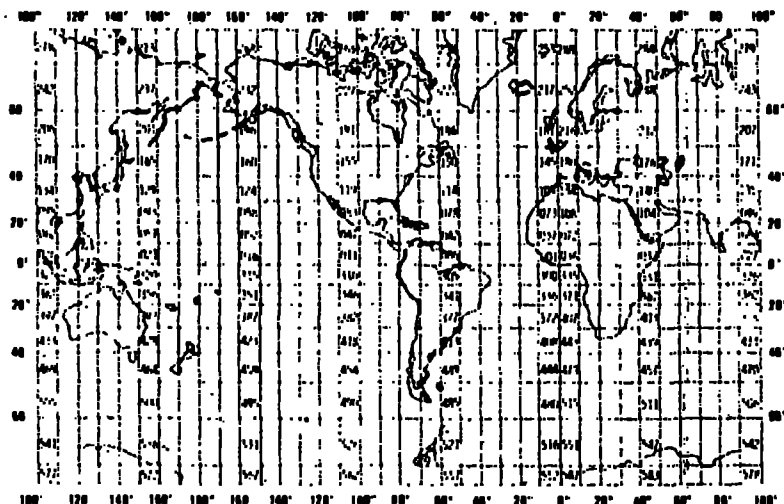
ARE DATA PROPRIETARY?

☒ NO ☐ YESIF YES, WHEN CAN THEY BE RELEASED
FOR GENERAL USE? YEAR MONTHARE DATA DECLARED NATIONAL
PROGRAM (DNP)?I.E., SHOULD THEY BE INCLUDED IN WORLD
DATA CENTERS HOLDINGS FOR INTERNA-
TIONAL EXCHANGE?☐ NO ☒ YES ☐ PART (SPECIFY BELOW)PERSON TO WHOM INQUIRIES CONCERNING
DATA SHOULD BE ADDRESSED WITH TELE-
PHONE NUMBER (AND ADDRESS IF OTHER
THAN IN ITEM-1)

George L. Hunt
U.C. Irvine
Irvine, CA 92717
714-833-6322

11. PLEASE DARKEN ALL MARSDEN SQUARES IN WHICH ANY DATA
CONTAINED IN YOUR SUBMISSION WERE COLLECTED.

GENERAL AREA



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)

NAME OF DATA FIELD station number	REPORTING UNITS OR CODE alphanumeric	METHODS OF OBSERVATION AND INSTRUMENTS USED (SPECIFY TYPE AND MODEL)	ANALYTICAL METHODS (INCLUDING MODIFICATIONS) AND LABORATORY PROCEDURES	DATA PROCESSING TECHNIQUES WITH FILTERING*, AND AVERAGING
time & date	GMT	ship's instruments		
course	tens of degrees	" "		
speed	whole knots	" "		
latitude & longitude	hours, minutes & seconds	" "		
transect width	tens of meters	" "		
depth to bottom	whole meter	" "		
surface temp.	tenths of degrees celsius	" "		
dry bulb	tenths of degrees celsius	" "		
barometric pres.	tenths of milli- bars	" "		
wind direction	NODC code 0110	" "		
wind speed	whole knots	" "		
sea state	NODC code 0109	determined by ships' crew/observer		
swell height	tenths of meters	" "		
weather	NODC code 0159	" "		
cloud cover	NODC code 0105	" "		
visibility	NODC code 0157	" "		
glare intensity	NODC code 0035	" "		
glare area	NODC code 003+	" "		
distance to shore	whole nautical miles	" "		
distance to shelf	whole nautical miles	" "		

B. SCIENTIFIC CONTENT

40

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
time	in minutes from transect start	determined by observer		
taxonomic code	NODC code	" "		
age class	NODC code 0112	" "		
sex	NODC code 0101	" "		
color	NODC code 0115	" "		
plumage				
# of individuals				
count method	NODC code 0097	" "		
reliability	NODC code 0044	" "		
distance measure-				
ment	NODC code 0118	" "		
distance to birds	tens of meters	" "		
flight direction	tens of degrees	" "		
behavior	NODC code 0142	" "		
habitat	NODC code 0098	" "		

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.

C. DATA FORMAT

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

1. LIST RECORD TYPES CONTAINED IN THE TRANSMITTAL OF YOUR FILE
GIVE METHOD OF IDENTIFYING EACH RECORD TYPE

There are four different record types in this file:

- 1) location record
- 2) environmental record
- 3) comment record
- 4) bird census record

The records are distinguishable by the number in the first position of the record.

2. GIVE BRIEF DESCRIPTION OF FILE ORGANIZATION

The file is organized sequentially by station numbers. Each station contains a variable number of location, environmental; comment, and bird census records.

3. ATTRIBUTES AS EXPRESSED IN ☐ PL-1 ☐ ALGOL ☐ COBOL
☐ FORTRAN ☐ _____ LANGUAGE

4. RESPONSIBLE COMPUTER SPECIALIST:

NAME AND PHONE NUMBER James Mershman 714-833-6060

ADDRESS U.C. Irvine, Irvine, CA. 92717

COMPLETE THIS SECTION IF DATA ARE ON MAGNETIC TAPE

5. RECORDING MODE <input type="checkbox"/> BCD <input type="checkbox"/> BINARY <input type="checkbox"/> ASCII <input type="checkbox"/> EBCDIC <input type="checkbox"/> _____	9. LENGTH OF INTER-RECORD GAP (IF KNOWN) <input type="checkbox"/> 3/4 INCH <input type="checkbox"/> _____
6. NUMBER OF TRACKS (CHANNELS) <input type="checkbox"/> SEVEN <input type="checkbox"/> NINE <input type="checkbox"/> _____	10. END OF FILE MARK <input type="checkbox"/> OCTAL 17 <input type="checkbox"/> _____
7. PARITY <input type="checkbox"/> ODD <input type="checkbox"/> EVEN	11. PASTE-ON-PAPER LABEL DESCRIPTION (INCLUDE ORIGINATOR NAME AND SOME LAY SPECIFICATIONS OF DATA TYPE, VOLUME NUMBER)
8. DENSITY <input type="checkbox"/> 200 BPI <input type="checkbox"/> 1600 BPI <input type="checkbox"/> 556 BPI <input type="checkbox"/> 800 BPI <input type="checkbox"/> _____	
	12. PHYSICAL BLOCK LENGTH IN BYTES
	13. LENGTH OF BYTES IN BITS

RECORD FORMAT DESCRIPTION

RECORD NAME

14. FIELD NAME	15. POSITION FROM - 1 MEASURED IN _____ (e.g., bit, bytes)	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

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		

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 (✓)	

```

d
d
d
dddd
d  d
d  d
ddd
PPP
P  P
P  P
PPPP
P
P
P
P
999
9 9
9 9
9999
9
9 9
999

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TAPE SPECIFICATION FORM

DATA PROJECTS GROUP
333 Pastore Hall
University of R.I.
Kingston, RI 02881
(401) 792-2320

Tape Identification -- GH6NDC

Recording Specifications --

Tracks: 9	Tape Files: 1
Density: 1600 BPI	Record Format: FB
Parity: ODD	Record Length: 83
Mode: EBCDIC	Block Size: 3735
Label: NON-labeled	

Data Specifications --

Received From: Dr. George HUNT

Coding Format: NOBC

Data Set Names:

File#	Name	File#	Name
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1. UCI280

DATE:

TO:

FROM:

SUBJECT: Error Correction in Processing of Data Set - Accession # 8100495

- 1) File Type: 033
- 2) Project Ident.: PROBES
- 3) Track Nos.: TR6948

I. Error Corrections as reported to Principal Investigator:

Error

Correction Completed (Check)

See Corrections sheets

II. Additional error corrections:

Error

Correction Completed (Check)

III. Processor Name: Cliff Hartley

Corrections 8100495

- ① Changed File ID UCI280 to TR6948
- ② Record type '5' Habitat Code cols 76-77
2 different codes can be reported; Code from right to left. Code in originator data was put in col 76 and not 77. Only one code was in data. This code was shifted to col 77.
- ③ Record #765 of originator data. This record type '5' had no detail records following it. It was also a duplicate of another record type '1', record #720. Deleted from data set.
- ④ Originator record #764, a record type '5'. In cols 1-3 was 000 - special character. These were corrected to 033.
- ⑤ Record type 2, Surface Temperature field cols 23 - 26. Illegal imbedded blanks in data. Example: -b18, -bb5. Data corrected; the - was shifted right-next to the integers.

Corrections 8100495 (cont.)

- ④ Record type 2, Dry bulb temperature field cols 30 & 33, Illegal imbedded blanks in data, example -b14, -bb5. Data corrected, the - was shifted right next to the integers.

ACCESSION/TRACK # 8100495 TR694

Step	Completion Date/Init.		Tape # or DSN	# of Files	BLKSIZE	LRECL	# RECORDS
ORIGINATOR TAPE #			GN6NDC	1	3735	83	
QUADI/SCAN TAPE #			017342 001408	1	83	83	
ASSIGNED FOR PROCESS.							
DDF EVALUATION Tape to disk QUALITY REVIEW		ML					765
PRELIMINARY DATA SORT							
PRELIMINARY MULCHEK	03/12/82	CUMH					
FIRST USER TAPE #							
WORK DISK FILE							
FINAL USER TAPE #							
FINAL MULCHEK	03/17/82	CUMH					764
Final EDITS DISK FILE	03/17/82	CUMH					764
DATA SET "FINALIZED"							

TAPE OR DISK ASSIGNMENT SHEET
(MRL) 11/6/78
(Rev. 11/80)

ACCESSION/TRACK NO.: 8100495 TR6948

TYPE OF TAPE	TAPE NUMBER	LABEL	LRECL	BLKSIZE	RECFM	REMARKS	# RECORDS
ORIGINATOR	GH6NDC	NL	83	3735	FB		
DUPLICATE	017342 001408 (ON DISK)*	SL	83 83	3735 83	1 1		765
REFORMATTED							
FIRST USER							
FINAL USER							
DISK FILE	DSN					REMARKS	# RECORDS
WORK DISK FILE	DISCMH* CDATA. F033 T6948			SDF ascii			764
Final EDITED DISK FILE	DMNDE* MPD75. T6948/ F033			SDF ascii			764

* MITCH*TEAM. (Disk Data set)

Password:

accNo	fleA	refNo	proj	inst	ship	startDate	cruise	catId
8100495	F033	TR6948	0104	31W9	31TT	1980/04/06	UCI 280	314538

(1 row affected)

Password:

accNo	fleA	refNo	ship	staCnt	recCnt	startDate	endDate
-----	----	-----	----	-----	-----	-----	-----
8100495	F033	TR6948	31TT	127	763	80/04/06	80/04/23

(1 row affected)