

83N002767

DATA DOCUMENTATION FORM

83 00 167

NOAA FORM 24-13
(4-72)

U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL OCEANOGRAPHIC DATA CENTER
RECORDS SECTION
ROCKVILLE, MARYLAND 20852

FORM APPROVED
O.M.B. No. 41-R2651

TT 1143-TT1144 F022
319342-319343 C022

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.

CTD

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 Science Applications, Inc. Suite 36 13400 B Northrup Way Bellevue, WA 98005															
2. EXPEDITION, PROJECT, OR PROGRAM DURING WHICH DATA WERE COLLECTED Santa Barbara Channel Circulation Model and Field Study MMS contract: 14-12-0001-29123		3. CRUISE NUMBER(S) USED BY ORIGINATOR TO IDENTIFY DATA IN THIS SHIPMENT SB2 FID 5A1583													
4. PLATFORM NAME(S) R/V SWAN	5. PLATFORM TYPE(S) (E.G., SHIP, BUOY, ETC.) SHIP	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th colspan="2" style="padding: 2px;">6. PLATFORM AND OPERATOR NATIONALITY(IES)</th> <th colspan="2" style="padding: 2px;">7. DATES</th> </tr> <tr> <th style="padding: 2px;">PLATFORM</th> <th style="padding: 2px;">OPERATOR</th> <th style="padding: 2px;">FROM: MO/DAY/YR</th> <th style="padding: 2px;">TO: MO/DAY/YR</th> </tr> <tr> <td style="text-align: center; padding: 5px;">USA</td> <td style="text-align: center; padding: 5px;">USA</td> <td style="text-align: center; padding: 5px;">4-26-83</td> <td style="text-align: center; padding: 5px;">4-30-83</td> </tr> </table>		6. PLATFORM AND OPERATOR NATIONALITY(IES)		7. DATES		PLATFORM	OPERATOR	FROM: MO/DAY/YR	TO: MO/DAY/YR	USA	USA	4-26-83	4-30-83
6. PLATFORM AND OPERATOR NATIONALITY(IES)		7. DATES													
PLATFORM	OPERATOR	FROM: MO/DAY/YR	TO: MO/DAY/YR												
USA	USA	4-26-83	4-30-83												
8. ARE DATA PROPRIETARY? ☒ NO ☐ 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?) ☒ NO ☐ YES ☐ PART (SPECIFY BELOW)		(Continuation of Marsden square map)													
10. PERSON TO WHOM INQUIRIES CONCERNING DATA SHOULD BE ADDRESSED WITH TELEPHONE NUMBER (AND ADDRESS IF OTHER THAN IN ITEM-1) John T. Gunn 206/747-7152															

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
Pressure	decibars	Niel Brown Inst. Sys. Mark III CTD		Data interpolated at 1-meter intervals. Scan condition is '1' (see format) if raw data is within 1 meter of interpolated value - otherwise Scan condition is '2'.
Temperature	°C	Niel Brown Inst. Sys. Mark III CTD	Deep sea reversing thermometers	"
Salinity	‰	Niel Brown Inst. Sys. Mark III CTD	Inductive salinometer	" calculated from conductivity and temperature using method of Fofonoff et.al. WHOI Tech. Rept. 74-89.
Sigma - t		N.A.	N.A.	calculated from salinity, temperature and pressure using method of Knudsen (1905).

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.

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

Record types used conform to NODC file type 022 formats as detailed in attachment.

2. GIVE BRIEF DESCRIPTION OF FILE ORGANIZATION

tape consists of one file with NODC file type 022 format

3. ATTRIBUTES AS EXPRESSED IN

☐ PL-1

☐ ALGOL

☐ COBOL

☒ FORTRAN

☐ _____ LANGUAGE

4. RESPONSIBLE COMPUTER SPECIALIST:

NAME AND PHONE NUMBER John T. Gunn

ADDRESS same as section A 1.

COMPLETE THIS SECTION IF DATA ARE ON MAGNETIC TAPE

5. RECORDING MODE ☐ BCD ☐ BINARY ☒ ASCII ☐ EBCDIC ☐ _____	9. LENGTH OF INTER-RECORD GAP (IF KNOWN) ☒ 3/4 INCH ☐ _____
6. NUMBER OF TRACKS (CHANNELS) ☐ SEVEN ☒ NINE ☐ _____	10. END OF FILE MARK ☐ OCTAL 17 ☒ ANSI EOF
7. PARITY ☒ ODD ☐ EVEN	11. PASTE-ON-PAPER LABEL DESCRIPTION (INCLUDE ORIGINATOR NAME AND SOME LAY SPECIFICATIONS OF DATA TYPE, VOLUME NUMBER) Science Applications, Inc. Bellevue, WA 98005 CTD data - Santa Barbara Channel block size = 6000 bytes record size = 120 bytes density = 1600 bpi
8. DENSITY ☐ 200 BPI ☒ 1600 BPI ☐ 556 BPI ☐ 800 BPI ☐ _____	12. PHYSICAL BLOCK LENGTH IN BYTES 6000 13. LENGTH OF BYTES IN BITS 8

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 (✓)	
Niel Brown Inst. Sys Mark III CTD	January 1983		NBIS factory calib.	✓ 12 mos.					

ERROR CORRECTION DOCUMENTATION FORM

83 NADC 767

DATE:

TO:

FROM:

SUBJECT: Error Correction in Processing of Data Set - Accession 18300167

1) File Type: 022

2) Project Ident.: —

3) Track Nos.: TT 1143

I. Error Corrections as reported to Principal Investigator:

Error

Correction Completed (Check)

II. Additional error corrections:

Error

Correction Completed (Check)

III. Processor Name: _____

DATA SET ROUTE SHEET

ACCESSION/TRACK # **8300167****TT 1143**

<u>Step</u>	<u>Completion Date/Init.</u>		<u>Tape # or DSN</u>	<u># of Files</u>	<u>BLKSIZE</u>	<u>LRECL</u>	<u># RECORDS</u>
ORIGINATOR TAPE	11/30/83	4	83N767	1	6000	120	2513
QUADI/SCAN TAPE							
ASSIGNED FOR PROCESS.	1/3/84	4	22167	1	6000	120	2513
DDF EVALUATION							
QUALITY REVIEW							
PRELIMINARY DATA SORT							
PRELIMINARY MULCHEK							
FIRST USER TAPE							
WORK DISK FILE							
FINAL USER TAPE							
FINAL MULCHEK							
EDITED DISK FILE							
DATA SET "FINALIZED"							

83 NODC 767

TAPE ASSIGNMENT SHEET

ACCESSION NO 8300167

TRACK NO(s) TT1143

Type of Tape	Tape Number	Label	LRECL	BLKSIZE	RECFM	Remarks
Originator	83N767	NL	120	6000	FB	
Duplicate	22167	SL	120	6000	FB	DSN DNOD# 83NODC 767
Reformatted						
First User						
Final User						

83N002767

SAI/NW-GRS-944-65
November 23, 1983



Dr. Anthony R. Picciolo
E/OC13
NOAA/NESDIS/NODC
2001 Wisconsin Ave. NW
Washington, DC 20235

Dear Dr. Picciolo:

Please find enclosed a nine-track tape which constitutes the re-submission of the pilot program CTD survey data for the MMS Santa Barbara Channel Circulation Model and Field Study (MMS Contract 14-12-0001-29123) with the required documentation.

In order to confirm the receipt by NODC of this data, please sign and return the enclosed copy of this letter.

Sincerely,

Gilbert R. Stegen
Program Manager

GRS:pkt

Encl.

USER NAME HALMINSKI	PHONE # 634-7441	ORG/TASK # OCSEAP	DATE SUBMITTED 11/30/83	DATE DUE	BIN # 33
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EQUIPMENT TO BE USED AND FUNCTION TO BE PERFORMED

CTD RUN SCAN, PRINT 200 RECORDS
022 ALSO RUN LOOK

83 NODC 767

INPUT MEDIUM PAPER CARD DISK <u>TAPE</u> DISKETTE OTHER(SPECIFY)	OUTPUT MEDIUM CARD DISK PRINT TAPE PLOT DISKETTE OTHER(SPECIFY)
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TAPE/DISKETTE INFORMATION

	TAPE #/ DISKETTE	SLOT #	TRK	DENSITY	PARITY	LABEL TYPE	RECORD TYPE	RECORD LENGTH	MAX. BLOCK SIZE	# OF FILES
	83N767		9	1600	ODD	NL		120	6000	1
	SECTOR SIZE	EXCHANGE TYPE	CODE: <u>ASCII</u> EBCDIC BCD SDF OTHER(SPECIFY)				DATA SET NAME			PURGE DATE
INPUT	TAPE #/ DISKETTE	SLOT #	TRK	DENSITY	PARITY	LABEL TYPE	RECORD TYPE	RECORD LENGTH	MAX. BLOCK SIZE	# OF FILES
	SECTOR SIZE	EXCHANGE TYPE	CODE: ASCII EBCDIC BCD SDF OTHER(SPECIFY)				DATA SET NAME			PURGE DATE
	TAPE #/ DISKETTE	SLOT #	TRK	DENSITY	PARITY	LABEL TYPE	RECORD LENGTH	RECORD SIZE	MAX. BLOCK SIZE	# OF FILES
OUTPUT	SECTOR SIZE	EXCHANGE TYPE	CODE: ASCII EBCDIC BCD SDF OTHER(SPECIFY)				DATA SET NAME			PURGE DATE

SPECIAL INSTRUCTIONS

ESTIMATED
EXECUTION
TIME

31 USE ONLY

JB #	DATE JOB COMPLETED	START TIME	END TIME	PRIORITY	DEVICES USED, NUMBER OF TAPE MOUNTS, LINES PRINTED DISKETTES USED, CARDS PUNCHED, CARDS KEYVERIFIED
31/3023	11/30/83	3:19	3:23	C	MT1-1 mount

REMARKS

Completed by E. G. M...

USER NAME HALMINSKI	PHONE # 634-7441	ORG/TASK # OCSEAP	DATE SUBMITTED 12/1/83	DATE DUE	BIN # 33
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EQUIPMENT TO BE USED AND FUNCTION TO BE PERFORMED

F022**RUN SL COPY****MAKE 2 SCANS, 2 LOOK AND PRINT 200 RECORDS****Twice ON OUTPUT***initialized tape***83 NODC 767**

INPUT MEDIUM PAPER CARD DISK (TAPE) DISKETTE OTHER(SPECIFY)	OUTPUT MEDIUM CARD DISK PRINT (TAPE) PLOT DISKETTE OTHER(SPECIFY)
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TAPE/DISKETTE INFORMATION

TAPE #/ DISKETTE	SLOT #	TRK	DENSITY	PARITY	LABEL TYPE	RECORD TYPE	RECORD LENGTH	MAX. BLOCK SIZE	# OF FILES
83N767		9	1600	ODD	NL	FB	120	6000	1
SECTOR SIZE	EXCHANGE TYPE	CODE: (ASCII) EBCDIC BCD SDF OTHER(SPECIFY)				DATA SET NAME			PURGE DATE
TAPE #/ DISKETTE	SLOT #	TRK	DENSITY	PARITY	LABEL TYPE	RECORD TYPE	RECORD LENGTH	MAX. BLOCK SIZE	# OF FILES
SECTOR SIZE	EXCHANGE TYPE	CODE: ASCII EBCDIC BCD SDF OTHER(SPECIFY)				DATA SET NAME			PURGE DATE
TAPE #/ DISKETTE	SLOT #	TRK	DENSITY	PARITY	LABEL TYPE	RECORD LENGTH	RECORD SIZE	MAX. BLOCK SIZE	# OF FILES
22167		9	1600	ODD	SL	120		6000	1
SECTOR SIZE	EXCHANGE TYPE	CODE: (ASCII) EBCDIC BCD SDF OTHER(SPECIFY)				DATA SET NAME DNOD * 83 NODC 767			PURGE DATE

SPECIAL INSTRUCTIONS

ESTIMATED
EXECUTION
TIME

31 USE ONLY

3-#	DATE JOB COMPLETED	START TIME	END TIME	PRIORITY	DEVICES USED, NUMBER OF TAPE MOUNTS, LINES PRINTED DISKETTES USED, CARDS PUNCHED, CARDS KEYVERIFIED
3/20101	12/1/83	11:01	11:09	C	MT1-MT2-3 mounts

REMARKS

Completed by E. G. Mann

Password:

accNo	fleA	refNo	proj	inst	ship	startDate	cruise	catId
-----	-----	-----	-----	-----	-----	-----	-----	-----
8300167	F022	TT1144	0081	313F	31SU	1981/02/23	RP4SU81A	326483
8300167	C022	319343	0081	313F	31SU	1981/02/23	TT1144	326484
8300167	F022	TT1143	9999	31SA	31SW	1983/04/26	SB2	326481
8300167	C022	319342	9999	31SA	31SW	1983/04/26	TT1143	326482

(4 rows affected)

Password:

accNo	fleA	refNo	ship	staCnt	recCnt	startDate	endDate
-----	-----	-----	-----	-----	-----	-----	-----
8300167	F022	TT1144	31SU	61	1230	81/02/23	81/03/11
8300167	C022	319343	31SU	61	61	81/02/23	81/03/11
8300167	F022	TT1143	31SW	60	2512	83/04/26	83/04/30
8300167	C022	319342	31SW	60	71	83/04/26	83/04/30

(4 rows affected)