(2868)

DATA DOCUMENTATION FORM

DDFA: 3:25

NOAA FORM-24-13

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

318432

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 COM	PLETED BY DONOR	FOR ALL I	DATA TRANSMIT	TTALS	•	
1. NAME AND ADDRESS OF IN NOAA - AOML PHOL IS RICKENBH MIAMI, FLORIS	CKER CAU	SEWA	y .			
2. EXPEDITION, PROJECT, OF DATA WERE COLLECTED CICAR 1971			R - 11	- 31	84327	RIGHTIFY RUDC Referent
4. PLATFORM NAME(S)	5. PLATFORM TYPI (E.G., SHIP, BUO		6. PLATFORM A NATIONALIT		7. DA	TES "
1			PLATFORM	OPERATOR	FROM: MODAY,YE	TO: MO/DAY/YR
DISCOVERER	3418		SHIP	NOAA	9-18-71 9-10-71	8-20-71
8. ARE DATA PROPRIETARY		\				,
YNO YES		CONT	SE DARKEN ALI Ained in Your	SUBMISSION W	ERE COLLECT	ED.
9. ARE DATA DECLARED NATIONAL PROGRAM (DNP)? (I.E., SHOULD THEY BE INCLUDED IN WORLD DATA CENTERS HOLDINGS FOR INTERNATIONAL EXCHANGE?) NO X YES PART (SPECIFY BELOW)			40° 180° 180° 140° 140° 140° 140° 140° 140° 140° 14	223 22 22 22 22 22 23 33 33 33 33 33 33	2 (037 072	40° 50° 80° 100° 224 (1) (1) 279 212 207 212 207 214 40° 100 500 20°
10. PERSON TO WHOM INQUIRI DATA SHOULD BE ADDRES PHONE NUMBER (AND ADD THAN IN ITEM-1) TOHN B. HHZE 305-361-336	SED WITH TELE- PRESS IF OTHER LWORTH	8° 223 227 277 277 28° 541 2777 198° 120°	221 016 230 315 230 315 207 351 367 425 10464 45 459 500 465 556 577 567 188° 188° 148° 148	011 20 20 20 20 20 20 20 20 20 20 20 20 20	300339 1 336371 372407 3 408443 9 444479	1 1 1 1 1 1 1 1 1 1
NOAA FORM 24-13					lieco	MM-DC 44289-B73

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	Tor	Nansen bottles	Inductive Salinometer (Hytech model S 510)	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	d units and percent by weight	Ewing corer	Standard sieves. Carbonate fraction removed by acid treatment	Same as "Sedimentary Rock Manual," Folk 165

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

		B. SCIENTIFIC C	ONTENT	_
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
DEPTH TEMPERATURE SALINITY	METERS	METHODS OF OBSERVATION AND INSTRUMENTS USED (SPECIFY TYPE AND MODEL), STD MODEL 9006 PLESSEY	ANALYTICAL METHODS (INCLUDING MODIFICATIONS) AND LABORATORY PROCEDURES STO SURROUNDED BY 12 BOTTLE GENERAL OCEANICS ROSSETTE MULTI WATER JAMPLER WITH REVERSING THERMOMETERS. MEAN DIFFERENCE STD DEPTH - THERMOMETRIC DEPTH - 4 METERS MEAN DIFFERENCE JTO TEMPERATURE - REVERSING- THERMOMETER - OIS°C WATER SAMPLES USED TO CHULATE SALINIT BY SALINGMETER.	TECHNIQUES WITH FILTERING AND AVERAGING I, PROGRESSIVELY SMALLER GATE FILTERS 2. BOX EILTER 3, SMOOTHING BY REGRESSION ANALYSIS 4. INTERPOLATION AT 10 METER INTERVALS OF SMOOTH CURVE
		·	SALING METER, BASED ON WATER SAMPLE SALINITY A THIRD DEGREE POLYNOMIAL FORMULA WAS	1

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
			COMPUTED AS A CORRECTION FORMULA TO CORRECT ST STD SALINITY VALUES, AFTER CORRECTE MEAN DIFFERENCE WATER SAMPLE SALINITY - STD SALINITY - STD SALINITY - 1,001%	4. INTERPOLATION AT 10 METER INTERVALS OF
FOR ACCUA	ON BACK UP RACY AS	WESCHIELE	PUT ON PUNCH E. THEN INSERT STATION'S NOT PR ACTUAL VALUES	OCESSED BY

NOAA FORM

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 TRANSMITT GIVE METHOD OF IDENTIFYING EACH RECORD TYPE	AL OF YOUR FILE
	PUB. M-Z (MAY 1966)
	LE - END EACH STATION
2. GIVE BRIEF DESCRIPTION OF FILE ORGANIZATION	
I, HEADER FOR DETAIL DATA END OF FILE TOTAL OF 22	(3F8,2)
4. RESPONSIBLE COMPUTER SPECIALIST: NAME AND PHONE NUMBER	LANGUAGE W HERMAN 305-361-3361 X 394 B. HAZELWORTH HOL 15 RICKENBACKER CAUSE
COMPLETE THIS SECTION IF DATA ARE ON MAGNE	ETIC TAPE
5. RECORDING MODE 1CD BINARY ASCII EBCDIC	9. LENGTH OF INTER- RECORD GAP (IF KNOWN) X 3/4 INCH 10. END OF FILE MARK
│	6" BLANK TAPE OCTAL 17
6. NUMBER OF TRACKS (CHANNELS) SEVEN	
NINE	11. PASTE-ON-PAPER LABEL DESCRIPTION (INCLUDE ORIGINATOR NAME AND SOME LAY SPECIFICATIONS OF DATA TYPE, VOLUME NUMBER)
	<u>-</u>
7. PARITY ODD EVEN	
8. DENSITY 200 BPI X 1600 BPI 7	
◯ 556 BPI	12. PHYSICAL BLOCK LENGTH IN BYTES EXCEPT HEADER
	13. LENGTH OF BYTES IN BITS
	5
NOAA FORM 24-13	USCOMM-DC 44289-P72

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 ("\(\subseteq \cdot '' \)) 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 DATE OF LAST (MFR., MODEL NO.) CALIBRATION	2475 05 1 407	INSTRUMENT WAS	CHECK ONE: INSTRUMENT IS CALIBRATED					INSTRU- MENT IS	
	YOUR ORGANIZATION (√:)	OTHER ORGANIZATION (GIVE NAME)	AT FIXED INTERVALS (√.)	BEFORE OR AFTER USE (√:)	BEFORE AND AFTER USE (√.)	ONLY AFTER REPAIR (√:)	ONLY WHEN NEW (V:)	NOT CALI- BRATEC	
PLESSEY 9006 STD	SPRING 1971	()	PLESSEY	(γ.)	BEFORE	· (V.)	ν,,	\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	(√)
									. ,
W. 13									

DKT::
TO: OC12
FROM: 0C13
SUBJECT: Error Correction in Processing of Data Set - Accession # 750018
1) File Type: STD
2) Project Ident .: CICAR
3) Ref Nos.: 318432
I. Error Corrections as reported to Principal Investigator:
Error Correction Completed (Check)
II. Additional error corrections:
Error Correction Completed (Check)
III. Processor Nume:

ACCESSION NO.: 7500181

Ref. TRACK NO(s).: 318432

Type of Tape	Tape Number	Label	LRECL	BLKSIZE	RECFM	Remarks
Originator	CICAR2	NL	80	3200	9-ti 1600BPI EBCDIC	22 obs.
Duplicate	e W12656 SL 80 3		3200 1600 BPI ASCII		22 66s. DSN=DMODC#150MLRP1	
Reformatted						
First User						· ·
Final User		-				
		-			- :	
,	,	,	,	,	,	
						:

DATA SET HOUTE SHEET

ACCESSION/TRACK # 7500181 | Ref. * 318432

<u>Step</u>	Completion Dat	e/Init.	Tape # or DSN	# of Files	BLKSIZE	LRECL	# RECORDS
ORIGINATOR TAPE	3/10/83	BER	CICAR2	,	3200	80	22 of.
QUADI/SCAN TAPE	3/10/83	BBP	W12656	1	3200	80	22 080.
ASSIGNED FOR PROCESS.			·				
DDF EVALUATION							
QUALITY REVIEW					_		•
PRELIMINARY DATA-SORT		·.					
PRELIMINARY MULCHEK							
FIRST USER TAPE						·····	
WORK DISK FILE						•	
FINAL USER TAPE							
.IAL MULCHEK							
EDITED DISK FILE							
DATA SET "FINALIZED"							

7500181

NANSEN REF. #

3/9573

MULDARS TRACK #

TT 3229

MONITOR: CONTACT

DAMON

LOCATION OF FO22 SOURCE

ARCHINES (TT3229)

RECORD ALL ERRORS FOUND

CONSEC(S).

ERRORS FOUND

NONE

1 QUAL: FLAG

001845

DATA ENTRY INFORMATION SYSTEM (DATASET INVENTORY)

TE OF ENTRY: 10/17/85
REFERENCE NUMBER: 319573 ACCESSION NUMBER: 7500181 FORMER REFERENCE NUMBER: FORMER ACCESSION NUMBER: (RESUB ONLY)
INVENTORY
MEDIA-IN: <u>01 - Digital Magnetic Tape</u> DINDB CODE <u>09</u> EXCHANGE (FORMAT): <u>E001 - Low Resolution STD</u> PROCESSING (FORMAT): <u>C022 - Low Resolution STD (SD2 Format)</u>
* NOTE * If data is F022, create an additional record for C022.
INSTITUTE (COUNTRY AND INSTITUTE CODES): <u>311A</u> PLATFORM (COUNTRY AND PLATFORM CODES): <u>31DS</u> PLATFORM TYPE: <u>9 - Ship</u> DINDB CODE <u>09</u>
ORIGINATORS FILE ID: ORIGINATORS CRUISE ID: TT3229 CRUISE START DATE: 09/10/71 CRUISE END DATE: 09/19/71 Press PgDn PROJECT CODE: 0037 DATA USE CODE (DUC): 3 to continue
VOLUME - NUMBER OF STATIONS: 22 NUMBER OF RECORDS: 681
If STA/REC counts are not appropriate then enter -
NUMBER: UNITS:
DCEAN AREA
CODE 1: 23B MEANING: NW Atlantic (limit-40 W)
CODE 2: <u>27</u> MEANING: <u>Caribbean Sea</u> CODE 3: <u>MEANING</u> : <u>MEANING</u> :
DINDB TRACK TRANSACTION GENERATED: / /

NOTE: When FINAL

NOTIFY P. HADSEll TO

DELETE: 318432 (ACC 7100000)

ACCESSION NO. 7500/6/ FILETYPE 6022

TRACK NO.319573

STEP	DATE ,	INIT.	TAPE OR DISK DSN	NO. FILES	LRECL	BLK SIZE	NO. RECORDS
ORIG. TAPE CICAR 2				1	8.0	3200	
DUPLICATE TAPE W 126 56	3/10/85	JBR	DNODC # 750/81.RP11	1	80	3200	
REFORMATTED TAPE							
REFORMATTED DISK	9/5/85	R.P.S.	DNODC+CICAROUT.	ı	120	224	681
FIRST MULCHEK							
FINAL MULCHEK		·					
MPD75 OR FO22							
DATA SET FINALIZED			·				

ERRORS REPORTED TO PRINCIPAL INVESTIGATOR:

ADDITIONAL ERRORS/CORRECTIONS (NOT REPORTED TO P.I.)

COMMENTS (TRACKS DELETED, FIELDS DELETED, ETC.)

12 162

DATA DOCUMENTATION FORM .

NOAA FORM 24-13

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

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

N'CAA - ACML	STITUTION, EXBOR	ATORT, O	N ACTIVITY WIT	H WHICH SOBM	III IED DATAAN	E ASSOCIATED	
بندندها						Ī	
15 RICKENBA	CKER CAV	SEWH	У				
MIAMI, FLORIS							
2. EXPEDITION, PROJECT, O		- WAICH	Ta CRIUSE NUM	ARERIS USED I	BY ORIGINATOR	TO IDENTIFY	
DATA WERE COLLECTED	TO THE DOTTING			IIS SHIPMENT		_	
CICAR 1971			-RP-4	- 31	84312	NOGE 1	
						rigina	
			RP.	-11		ļ	
4. PLATFORM NAME(S)	5. PLATFORM TYPE (E.G., SHIP, BUO		6. PLATFORM A NATIONALIT		1		
DISCOVERER	4440		PLATFORM	OPERATOR	FROM: MO,DAY,YR	TO: MO/DAY/YR	
D13001211	SHIP	•	SHIP	NOAA	9-19-74	0. 20. 7/	
		.,	3777	USA	9-10-71	9-19-71	
8. ARE DATA PROPRIETARY					UARES IN WHICH		
· YNO YES			AINED IN TOOK	SUBMISSION W	ERE COLLECTE	٥.	
IF YES, WHEN CAN TH		GENERAL AREA					
9. ARE DATA DECLARED NA		 					
PROGRAM (DNP)? (I.E., SHOULD THEY BE IN	CLUDED IN WORLD	100" 128" 148" 168" 168" 164" 144" 120" 101" 80" 60" 44" 21" 6" 20" 42" 81" 81" 166" 174" 174" 174" 174" 174" 174" 174" 174					
DATA CENTERS HOLDINGS TIONAL EXCHANGE?)				1	Carlo E	200 200 200	
		.				212 207 68*	
NO XYES PART	(SPECIFY BELOW)	100	15 160		╣╌╏╶╏╶╏ ╌╬ ╱╎╌╏╌╏ ┈┦	1762 0 121	
		" H 14	124 124	119		140 115 40*	
		***	0979 DBB 0552	DU ON	2 (8)7072	20"	
10. PERSON TO WHOM INQUIRI DATA SHOULD BE ADDRES			021 016 320 315	310 \$ 50	300(335)	027 5)1 126	
PHONE NUMBER (AND ADD THAN IN ITEM-I)	RESS IF OTHER	297 397	W 356 951 302 387			367 367 403 306	
JOHN B. HAZEL	WORTH	4 3 4	44 6 69	64 85 44	┧╸┨╺╏╶╏┈╏┈╏	67 400	
305-361-3361		505	500 895		┪┋┋┋┋	517 306	
	370	\$410	536 531		1 514551	35°	
	3 10	577	372	1 55 1 55	552567		
		190° 129° 1	14D° 180° 180° 160° 140	r 120° 100° 80° 80°	48° 29° 8° 29° 40	ir ser ser 100°)	
NOAA FORM 24-13					USCO	MM-DC 44289-P	

	REPORTING UNITS	METHODS OF OBSERVATION AND	ANALYTICAL METHODS	DATA PROCESSING "
NAME OF DATA FIELD OR CODE		INSTRUMENTS USED (SPECIFY TYPE AND MODEL)	(INCLUDING MODIFICATIONS) AND LABORATORY PROCEDURES	TECHNIQUES WITH FILTERING AND AVERAGING
DEPTH	METERS	STD MODEL	STO SURROUNDED BY 12 BOTTLE	1. PROGRESSIVELY SMALLER
TEM PERATURE	ه ی	9006	GENERAL OCEANICS	GATE FILTERS
SALINITY	%	PLESSEY	ROSSETTE MULTI	2. BOX EILTER
{		; }	WITH REVERSING	3, SMOOTHING
	·	·	THERMOMETERS	BY REGRESSION
_			STD DEPTH - THERMOMETRIC DEPTH	ANALYSIS
	•		= 4 METERS	- FCPPALATION
			MEAN DIFFERENCE	AT 10 ME
			- REVERSING THERMOMETER	SMOOTH CURVE
			= .015°C	
		·	WATER SAMPLES USED TO	
ļ			CAWLATE SALINIT	.
	·		BY	
	·		SALINGMETER.	•
1			BASED ON WHITY	
1			BASED ON WATER SAMPLE SALINITY A THIRD DEGREE POLYNOMIAL FORMULA WAS	1
			POLYNOMIAL	
1			FORMULA WAS	}

WALVES. AFTER CORRECTION ANALYSIS MEAN DIFFERENCE HINTERPOLATION: WATER SAMPLE AF 10 METER WATER SAMPLE TWIERVALS OF	NAME OF DATA FIELD	REPORTING UNITS OR CODE	METHODS OF OBSERVATION AND INSTRUMENTS USED (SPECIFY TYPE AND MODEL)	INSTRUMENTS USED (INCLUDING MODIFICATIONS) TECHN (SPECIFY TYPE AND MODEL) AND LABORATORY PROCEDURES				
8-17 72-84 NOT RECORCED ON RAW DATA LOGGER, RECORDED ON BACK UP SYSTEM, DATA PUT ON PUNCH CARDS, CHECKED FOR ACCURACY AS DESCRIBED ABOVE, THEN INSERTED ON FINAL DATA TARE SENT TO YOU, SHESE STATION'S NOT PROCESSED BY REGRESSION NOR INTERPOLATED. ACTUAL VALUES GIVEN.				A CORRECTION FORMULA TO CORRECT ST STD SALINITY VALVES, AFTER CORRECTE MERN DIFFERENCE WATER SAMPLE SALINITY - STD SALINITY -	SMALLER GATE FINTERS 2. BOX FILTERS 3. SMOOTHENG BY REGRESSION ANALYSIS 4. INTERPOLATION AT 10 NIETER INTERVALS OF			
	8-17 72-84 NOT RECORCE ON RAW DA LOGGER, RECORDED OF	A BACK UP FCY AS	THE SCHOOL STATE S	STATION'S NOT PR	CESSED BY			

COMPLETE THIS SECTION FOR PUNCHED CARDS OR TARE, MAGNETIC TAPE, OR DISC SUBMISSIONS.
1. LIST RECORD TYPES CONTAINED IN THE TRANSMITTAL OF YOUR FILE GIVE METHOD OF IDENTIFYING EACH RECORD TYPE
RECORD 1. HEADER FOR EACH STATION' STANDARD NODE - PUB. M-2 (MAY 1966) 2. DETAIL DATA DEPTH, TEMPERATURE, SALINITY ::
ENO OF FILE - END EACH STATION
. GIVE BRIEF DESCRIPTION OF FILE ORGANIZATION
1, HEADER FORMAT (80A1) DETAIL DATA (3F8.2) END OF FILE TOTAL OF -92 CASTS
. ATTRIBUTES AS EXPRESSED IN PL-1 ALGOL COBOL ALGOL COBOL LANGUAGE
RESPONSIBLE COMPUTER SPECIALIST: NAME AND PHONE NUMBER <u>JOHN B. HHZELWORTH</u> ADDRESS <u>NOAA - HOML - PHOL IS RICKENBACKER CAUSE</u> WA
COMPLETE THIS SECTION IF DATA ARE ON MAGNETIC TAPE RECORDING MODE
BCD BINARY RECORD GAP (IF KNOWN) 3/4 INCH
ASCII EBCDIC
NUMBER OF TRACKS CHANNELS) SEVEN
NINE 11. PASTE-ON-PAPER LABEL DESCRIPTION (INCLUDE ORIGINATOR NAME AND SOME LAY SPECIFICATIONS OF DATA TYPE, VOLUME NUMBER)
PARITY ODD
200 BPI X 1600 BPI
12. PHYSICAL BLOCK LENGTH IN BYTES

800 BPI

NOAA FORM 24-18

3200

USCOMM-DC 44289-P72

8

13. LENGTH OF BYTES IN BITS

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 ("\sqrt{\sqrt{\chi}}") 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.)		INSTRUMENT WAS CALIBRATED BY		CHECK ONE: INSTRUMENT IS CALIBRATED					INSTRÚ- MENT IS
	DATE OF LAST CALIBRATION	YOUR ORGANIZATION (√)	OTHER ORGANIZATION (GIVE NAME)	AT FIXED INTERVALS	BEFORE OR AFTER USE {√.}	BEFORE AND AFTER USE (√:)	ONLY AFTER REPAIR (√:)	ONLY WHEN NEW	NOT- CALI- BRATED
PLESSEY 9006 STD	SPRING 1971		PLESSEY		BEFORE			V .:	
		·				1			
				·					
		·							
		·							
				·	<u>.</u>			-	

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COPYRIGHT (C) 1986 SAS INSTITUTE INC., CARY, NC 27511, USA
05/25/88 15:43:40 BEGIN SYSTEM 2000 RELEASE 4.0A
>dindb~sd:
-554- OPENED....DINDB-SD
                                   1
                                      72997 11/27/87 17:17:55
>pr count c50 wh c21 eq 311693:
CNT 50≈ 125
>list c51,c52,c54,c55,ob c51 wh c51 ge 120 and same:
             O SELECTED RECORD(S) -
>pr count c50 wh c21 eq 311693: David Starr
                                              Jordan
CNT 50= 125
                        Eastropue Cr. 50
>list c51,c54,c55 wh nk c52 eq 11/27/1967 and same:
* STATION-NO
                  LAT
                             LON
**
*
  0123
                 ~1405
                             9812
*
  0124
                 1448
                             9810
* 0125
                 ~1542
                             9807
```

ALT-F10 HELP 3 VT-100 3 FDX 3 9600 NB1 3 LOG CLOSED 3 PRT OFF 3 CR

3 CR

ACCESSION NUMBER

75-0181

12 the

DATA DOCUMENTATION FORM

-318431

NOAA FORM 24-13

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-R265

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	R FOR ALL DATA TRANSMITTALS
	DRATORY, OR ACTIVITY WITH WHICH SUBMITTED DATA ARE ASSOCIATED
NOAA - AOML PHOL	
15 RICKENBACKER CAU MIAMI, FLORIDA	USEWAY
2. EXPEDITION, PROJECT, OR PROGRAM DURIN	NG WHICH 3. CRUISE NUMBER(S) USED BY ORIGINATOR TO IDENTIFY
DATA WERE COLLECTED CICAR 1971	DATA IN THIS SHIPMENT RP-9 - 3184312 NUOC Referent
	Reference
4. PLATFORM NAME(S) 5. PLATFORM TYP (E.G., SHIP, BUC	
DISCOVERER	PLATFORM OPERATOR FROM: MO,DAY,YR TO: MO,DAY,YR
DISCOVERER	SHIP NOAH 7-18-71 8-20-71
	USA
8. ARE DATA PROPRIETARY?	11. PLEASE DARKEN ALL MARSDEN SQUARES IN WHICH ANY DATA CONTAINED IN YOUR SUBMISSION WERE COLLECTED.
· 📝 NO 🗌 YES	
IF YES, WHEN CAN THEY BE RELEASED FOR GENERAL USE? YEAR MONTH	GENERAL AREA
9. ARE DATA DECLARED NATIONAL PROGRAM (DNP)?	180" 129" 149" 168" 180" 169" 148" 129" 100" ,80" 68" 48" 28" 0" 20" 46" 68" 89" 160"
(I.E., SHOULD THEY BE INCLUDED IN WORLD DATA CENTERS HOLDINGS FOR INTERNATIONAL EXCHANGE?)	24 27 22 22 22 22 22 22 22 22 22 22 22 22
NO X YES PART (SPECIFY BELOW)	
	40° 170
	20 PS DS
10. PERSON TO WHOM INQUIRIES CONCERNING DATA SHOULD BE ADDRESSED WITH TELE- PHONE NUMBER (AND ADDRESS IF OTHER	0 102 102 1016 1011 1006 1001006 1027 0 027 0 027 0 027 0 027 0 0 0 0 0 0 0 0 0
THAN IN ITEM-1)	20° 307 302 337 302 377 377 377 403 398
TOHN B. HAZELWORTH	40" 40" 444,479 457 470
305-361-3361 × 245	80° 500 695 690 695 690 695 690 695 690
370**	541 536 531 526 527 516551 547 542 577 577 577 547 547 542 578
	100" 120" 149" 160" 160" 160" 149" 120" 180" 80" 80" 40" 20" 0" 20" 40" 80" 80" 100"
NOAA FORM 24-19	

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
DEPTH TEMPERATURE SALINITY	METERS		AND LABORATORY PROCEDURES STO SURROUN'DEO BY 12 BOTTLE GENERAL OCEANICS ROSSETTE MULTI WATER SAMPLER WITH REVERSING THERMOMETERS MEAN DIFFERENCE STO DEPTH - THERMOMETRIC DEPTH	I, PROGRESSIVELY SMALLER GATE FILTERS 2. BOX ELLTER 3, SMOOTHING BY REGRESSION ANALYSIS 4. INTERPOLATION AT 10 METER INTERVALS OF SMOOTH CURVE
NOAA FORM 24-13 (3-72)			FORMULA WAS	USCOMM-DC 44289-P72

F	T	<u> </u>		
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
			COMPUTED AS A CORRECTION FORMULA TO CORRECT ST STD SALINITY VALUES, AFTER CORRECTION MEAN DIFFERENCE WATER SAMPLE SALINITY - STD SALINITY - 5TD SALINITY - 1,001 %00	1. PROGRESSIVELY SMALLER GATE FILTERS 2. BOX FILTERS 3. SMOOTHENG BY REGRESSION ANALYSIS 4 INTERPOLATION AT 10 METER INTERVALS OF SMOOTH CURVE
FOR ACCUA	ON BACK UP CACY AS	DESCRIBE	PUT ON PUNCH E. THEN INSERT STATION'S NOT PRO ACTUAL VALUES	PLESSED BY

1. LIST RECORD TYPES CONTAINED IN THE TRANSMITT/ GIVE METHOD OF IDENTIFYING EACH RECORD TYPE	AL OF YOUR FILE
	PUB.M-2 (MAY 1966)
ENO OF FIL	E - END EACH STATION
2. GIVE BRIEF DESCRIPTION OF FILE ORGANIZATION	
1, HEADER FOR DETAIL DATA END OF FILE TOTAL OF 92 CA	(3F8.2)
3. ATTRIBUTES AS EXPRESSED IN PL-1	ALGOL COBOL LANGUAGE
4. RESPONSIBLE COMPUTER SPECIALIST: NAME AND PHONE NUMBER	HERMAN 305-361-3361 × 394 B. HAZELWORTH HOL 15 RICKENBACKER CAUSE
COMPLETE THIS SECTION IF DATA ARE ON MAGNE	TIC TAPE
BCD BINARY	RECORD GAP (IF KNOWN) X 3/4 INCH
	10. END OF FILE MARK 6" BLANK TAPE X OCTAL 17
6. NUMBER OF TRACKS (CHANNELS) SEVEN	
. X NINE	11. PASTE-ON-PAPER LABEL DESCRIPTION (INCLUDE ORIGINATOR NAME AND SOME LAY SPECIFICATIONS OF DATA TYPE, VOLUME NUMBER)
	-
7. PARITY ODD	
8. DENSITY	- ·
200 BPI X 1600 BP1	
556 BPI	12. PHYSICAL BLOCK LENGTH IN BYTES
800 BPI	13. LENGTH OF BYTES IN BITS
J	8

NOAA FORM 24-13

USCOMM-DC 44289-P72

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 ("\sum'") 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	S CALIBRATED BY	CHECK ONE: INSTRUMENT IS CALIBRATED					INSTRU- MENT IS
		YOUR ORGANIZATION (√:)	OTHER ORGANIZATION (GIVE NAME)	AT FIXED INTERVALS (√)	BEFORE OR AFTER USE (√.)	BEFORE AND AFTER USE (√.)	ONLY AFTER REPAIR (√.)	ONLY WHEN NEW	NOT CALI- BRATED (√)
FLESSEY 9006 STD	SPRING 1971		PLESSEY		BEFORE				
,									
		·				·			

DATE	
TO:	0012
FROM	1: OC13
S UBJ	JECI: Error Correction in Processing of Data Set - Accession # 750018
	1) File Type: STD 2) Project Ident.: C/CAR Ref. Nos.: 3/843/
	3) 278ek Nos.: <u>3/6 + 3/</u>
ı.	Error Corrections as reported to Principal Investigator:
	Error Correction Completed (Check)
II.	Additional error corrections:
	Error Correction Completed (Check)
•	
III	· Processor Name:

ACCESSION NO.: 7500181

Ref. TRACK NO(s) .: 318+31

Type of	Tape					
Tape	Number	Label	LRECL	BLKSIZE	RECFM	Remarks
Originator	CICAR1	NL	80	3200	9-tu 1600 BPI BCD	92000.
Duplicate	W12655	SL	80	3200	9-ti 1600 BPI ASCII	92 0-63. ASN= DNODC# 750181.R
Reformatted					-	
First User						
Final User				-		
				 ·		
	,			ŗ		

ACCESSION/TRACK # 7500181/318431

<u>Step</u>	Completion Date/Init.		Tape # or DSN	# of Files	BLKSIZE	LRECL	# RECORDS
ORIGINATOR TAPE	3/10/83	A SEE	CICAR1	1	3200	80	920%
QUADI/SCAN TAPE	3/10/83		W12655	1	32-00	80	9206.
ASSIGNED FOR PROCESS.							
DDF EVALUATION							
QUALITY REVIEW							_
PRELIMINĀRY DATA SORT							
PRELIMINARY MULCHEK							· .
FIRST USER TAPE							
WORK DISK FILE						-	
FINAL USER TAPE							
AL MULCHEK							
EDITED DISK FILE							
DATA SET "FINALIZED"			÷				

DINDB TRACK TRANSACTION GENERATED: _/ /

DATA ENTRY INFORMATION SYSTEM (DATASET INVENTORY)

<u>RPS</u>

TE OF ENTRY: 10/16/85 REFERENCE NUMBER: TT3229 ACCESSION NUMBER: 7500181 FORMER REFERENCE NUMBER: _____ FORMER ACCESSION NUMBER: ____ (RESUB ONLY) INVENTORY DINDB CODE 09 MEDIA-IN: 01 - Digital Magnetic Tape EXCHANGE (FORMAT): E018 - STD/CTD (F022) PROCESSING (FORMAT): F022 - CTD/STD * NOTE * If data is F022, create an additional record for C022. INSTITUTE (COUNTRY AND INSTITUTE CODES): 311A PLATFORM (COUNTRY AND PLATFORM CODES): PLATFORM TYPE: 9 - Ship DINDB CODE 09 ORIGINATORS FILE ID: ORIGINATORS CRUISE ID: RP-11
CRUISE START DATE: 09/10/71 CRUISE END DATE: 09/19/71 Press PgDn PROJECT CODE: 0037 DATA USE CODE (DUC): 1 to continue VOLUME - NUMBER OF STATIONS: ____ 22 NUMBER OF RECORDS: 681 If STA/REC counts are not appropriate then enter -NUMBER: ____ UNITS: ____ OCEAN AREA CODE 1: 23B MEANING: NW Atlantic (limit-40 W)
CODE 2: 27 MEANING: Caribbean Sea
CODE 3: MEANING:

ACCESSION NO. 7500/81

FILETYPE FO22

TRACK NO. TT3229

PROJECT IDENTIFICATION CICAR

STEP	DATE ,	INIT.	TAPE OR DISK DSN	NO. FILES	LRECL	BLK SIZE	NO. RECORDS
ORIG. TAPE CICARO				1	Seo	3200	
DUPLICATE TAPE W12656	3/10/83	JBR	DNODCX750181.RP11	1	1/	V	
REFORMATTED TAPE							
REFORMATTED DISK	9/5/85	RPS	DNOCK CICAROUT.		1200	224	681
FIRST MULCHEK	11/5/85	CBf	SEZDATA, FOZZTT3229	1	120		681
FINAL MULCHEK							j
MPD75 OR F022	11/5/85		F022, TT3229/F022	(7
DATA SET FINALIZED	11/5/85	OBS	()	(120		681

ERRORS REPORTED TO PRINCIPAL INVESTIGATOR:

NONE

ADDITIONAL ERRORS/CORRECTIONS (NOT REPORTED TO P.I.)

NONE

COMMENTS (TRACKS DELETED, FIELDS DELETED, ETC.)

12 162

DATA DOCUMENTATION FORM

NOAA FORM 24-13

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

FORM 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

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

THIS SECTION MUST BE COMPLETED BY DONOR FOR ALL DATA TRANSMITTALS

NICAA - ACML					·				
بمبنصا			V						
15 RICKENBA	CKER CAV	SEWA	7		i				
MIAMI, FLORIC					·				
2. EXPEDITION, PROJECT, O		WHICH			BY ORIGINATOR TO IDENTIFY				
DATA WERE COLLECTED LICAR 1971			0000	IS SHIPMENT	84312 NOOR				
			: '	37	Reference				
{			200						
			RP.	-11	. .				
4. PLATFORM NAME(S)	5. PLATFORM TYPE (E.G., SHIP, BUO		6. PLATFORM		7. DATES				
	(270), 51111, 500	., 2.0.,	PLATFORM	OPERATOR	FROM: MODAY, YR				
DISCOVERER	SHIP			NOAA	2 2 2 71				
			SHIP	USA	9-10-71 9-19-71				
	L.,	<u>, , , , , , , , , , , , , , , , , , , </u>		<u></u>	1				
8. ARE DATA PROPRIETARY	?				UARES IN WHICH ANY DATA ERE COLLECTED.				
· YNO TYES									
IF YES, WHEN CAN TH		GENERAL AREA							
9. ARE DATA DECLARED NA PROGRAM (DNP)?	TIONAL	100° 129° 140° 150° 150° 140° 120° 100° 50° 80° 48° 20° 8° 20° 44° 55° 36° 100°							
(I.E., SHOULD THEY BE IN		my to the last to the second of the second o							
TIONAL EXCHANGE?)	FOR INTERNA-	20 20 20 20 20 20 20 20 20 20 20 20 20 2							
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	_	40· 170	129 124	100	115 1100 2016 2 0 1171 40				
			093 082	Sec (Sec or	Turston Turston				
10. PERSON TO WHOM INQUIRE			057 052 021 014	DIII Y DO	100 politica 1017 1027				
DATA SHOULD BE ADDRES PHONE NUMBER (AND ADD		320 315 V 556 3 551	310 30	1					
THAN IN ITEM-1)	4. 03/4	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		1 177 201 1 199 1 399 1 1 1 1 1 1 1 1 1 1 1 1 1					
T -		464 6 69		, , , , , , , , , , , , , , , , , , , 					
305-361-336		so- 505	500 500		5				
	370 ^{%}		572 - 567		510551 547 542				
	į	100" 120" 1	160. 186. 189. 120. 148.	. 150, 100, 80, 60,	48. 58. 8. 55. 44. 88. 88. 198.				
NOAA FORM 24-13					USCOMM-DC 44289-P72				

•		 	,	y
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
DEPTH	METERS	STD MODEL	STO SURROUNDED BY 12 BOTTLE	1, PROGRESSIVELY SMALLER
TEMPERATURE	ع د	9006	GENERAL OCEANICS	GATE FILTERS
SALIN ITY	°/0.	PLESSEY	ROSSETTE MULTI WATER SAMPLER WITH REVERSING THERMOMETERS MEAN DIFFERENCE	2. BOX EILTER
			STD DEPTH - THERMOMETRIC DEPTH = 'Y METERS MEAN DIFFERENCE 3TD TEMPERATURE - REVERSING- THERMOMETER	ANALYSIS 4. INTERPOLATION
			= .015°C WATER SAMPLES USED TO CAWLATE SALINIT BY SALINGMETER. BASED ON WATER JAMPLE SALINITY	
NO A A FORM 24-13 (3-72)			BASED ON WATER SAMPLE SALINITY A THIRD DEGREE POLYNOMIAL FORMULA WAS	USCOMM-DC 44289-P72

			,	
NA OF DATA FIELD	REPORTING UNITS OR CODE	METI:ODS OF OBSERVED AND INSTRUMENTS USER (SPECIFY TYPE AND MODEL)	ANALYTICAL METHODS (INCLUDING MODIFICATIONS) AND LABORATORY PROCEDURES	DAT CESSING TECHNIQUE TH FILTERING AND AVERAGING
			COMPUTED AS A CORRECTION FORMULA TO CORRECT SE STD SALINITY VALUES, AFTER CORRECTOR MEAN DIFFERENCE WATER SAMPLE SALINITY - STO SALINITY - 5TO SALINITY - ,001%	H. INTERFOLATION : AT 10 METER INTERVALS OF
FOR ACCUA	PA BACK UP	DESCRIBES THESE	PUT ON PUNCH = THEN INSERT STATION'S NOT PRO ACTUAL VALUES	rcessED BY
NOAA FORM 24-13 (3-72)			<u> </u>	USCOMM.DC 44349.B

COMPLETE THIS SECTION FOR PUNCHED CARD	S OR TAPE, MAGNETIC TAPE, OR DISC SUBMISSIONS.
LIST RECORD TYPES CONTAINED IN THE TRANSMITT GIVE METHOD OF IDENTIFYING EACH RECORD TYPE	AL OF YOUR FILE
	PUB.11-2 (MAY 1966)
ENO OF FIL	E - END EACH STATION
. GIVE BRIEF DESCRIPTION OF FILE ORGANIZATION	•
1. HEADER FOR DETAIL DATA END OF FILE TOTAL OF 92 CA	(3F8,2)
ATTRIBUTES AS EXPRESSED IN PL-1	ALGOL COBOL
. RESPONSIBLE COMPUTER SPECIALIST: NAME AND PHONE NUMBER	LANGUAGE V HERMAN 305-361-3361 × 394 B. HHZELWORTH HOL 15 RICKENBACKER CAUSEWI
COMPLETE THIS SECTION IF DATA ARE ON MAGNE	
BCD BINARY ASCII EBCDIC	9. LENGTH OF INTER- RECORD GAP (IF KNOWN) 3/4 INCH
S. NUMBER OF TRACKS	6" BLANK TAPE OCTAL 17
(CHANNELS) SEVEN	11. PASTE-ON-PAPER LABEL DESCRIPTION (INCLUDE ORIGINATOR NAME AND SOME LAY SPECIFICATIONS OF DATA TYPE, VOLUME NUMBER)
7. PARITY ZODD EVEN	
200 BPI X 1600 BPI	
556 BPI	12. PHYSICAL BLOCK LENGTH IN BYTES
■ 800 BPI	13. LENGTH OF BYTES IN BITS
	- 8 .

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 ("V") 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.)		INSTRUMENT WA	S CALIBRATED BY		CHECK ONE: INSTRUMENT IS CALIBRATED					
	DATE OF LAST CALIBRATION	YOUR ORGANIZATION (√:)	OTHER ORGANIZATION (GIVE NAME)	AT FIXED INTERVALS	(√)	BEFORE AND AFTER USE (🗸)	ONLY AFTER REPAIR (√:)	ONLY WHEN ONLY	IS NOT- CALI- BRATED	
FLESSEY	SPRING		PLESSEY		BEFORE				ĺ.	
9006 570	1971			!		<u> </u>		<u> </u>		
						3 ;				

NOAA FORM 24-13

Password:

accNo	fleA refNo	proj inst	ship startDate	cruise	catId
7500181	C022 319573	0037 311A	A 31DS 1971/09/10	TT3229	286521
7500181	F022 TT3229	0037 311A	A 31DS 1971/09/10	RP-11	286522
7500181	F022 310056	0037 311A	A 31DS 1971/07/03	RP9	286520
7500181	F022 310052	0037 311A	31DS 1971/09/0:	. R11	286519

(4 rows affected)

Password:

•	accNo	fleA	refNo	ship	staCnt		recCnt		star	tDa	ite	endI)ate	}	
	7500181	C022	319573	31DS	2	22		40	Sep	10	1971	Sep	19	1971	
	7500181	F022	TT3229	31DS	2	22		681	Sep	10	1971	Sep	19	1971	
	7500181	F022	310056	31DS	9	7		0	Jul	1	1971	Aug	1	1971	
	7500181	F022	310052	31DS	2	22		0	Sep	1	1971	Sep	1	1971	

(4 rows affected)