NODC CR. [redacted] | ACCESSION NUMBER 74-0462

Cruise I7304(ISELIN) 3200003 - Deck 64

Cruise 57303(GILLISS) 3100013

# DATA DOCUMENTATION FORM

NOAA FORM 24-13 (4-72)

B:3:02

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.

3200008 (Sta Data I Interim No. 320000)

3100013 (Sta Data I Interim No. 319000

## 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

RSMAS, Dept of Physical Oceo.
4600 Rickenbacker Cswy Tape NODC 47

2. EXPEDITION, PROJECT, OR PROGRAM DURING WHICH DATA WERE COLLECTED

Continental Shelf Dynamics NSF# GA 34009

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

I7304
57303

4. PLATFORM NAME(S)

R/V C. ISELIN
R/V J.M. GILLISS

5. PLATFORM TYPE(S) *(E.G., SHIP, BUOY, ETC.)*

SHIP

6. PLATFORM AND OPERATOR NATIONALITY(IES)

| PLATFORM | OPERATOR |
|---|---|
| US | US |

7. DATES

| FROM: MO/DAY/YR | TO: MO/DAY/YR |
|---|---|
| FEB/1/73 | MAR/10/73 |

8. ARE DATA PROPRIETARY?

[X] NO [ ] YES

IF YES, WHEN CAN THEY BE RELEASED FOR GENERAL USE? YEAR____ MONTH____

9. ARE DATA DECLARED NATIONAL PROGRAM (DNP)?
(I.E., SHOULD THEY BE INCLUDED IN WORLD DATA CENTERS HOLDINGS FOR INTERNATIONAL EXCHANGE?)

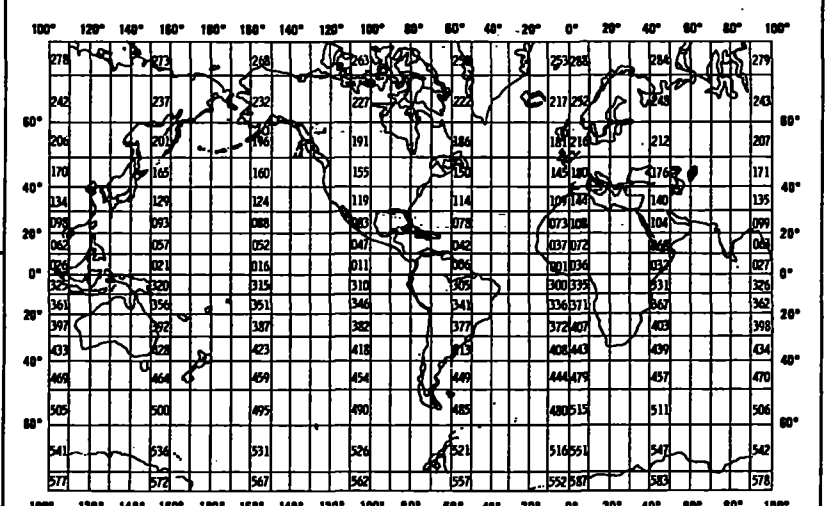
[ ] NO [X] YES [ ] PART *(SPECIFY BELOW)*

10. PERSON TO WHOM INQUIRIES CONCERNING DATA SHOULD BE ADDRESSED WITH TELEPHONE NUMBER *(AND ADDRESS IF OTHER THAN IN ITEM-1)*

Dr CNK Mooers
RSMAS
93 Rick
305-350-7322

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

GENERAL AREA



NOAA FORM 24-13

USCOMM-DC 44289-P72

## 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 | 7oo | Nansen bottles | Inductive salinometer (Hytech model S510) | 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 | $\phi$ 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 |
|---|---|---|---|---|
| Salinity | ‰ | 9060 STD BISSETT-BERMAN | afterseal calibration carried out with ordinary hydrocasts. | digitized at 3 m intervals, interpolated to 5 m int. |
| TEMP | °C | " | | " |
| | | S good to ± .07 ‰ | | from calibration |
| | | T good to ± .09 °C | | |
| see enclosed data report for details. | | | | |



USCOMM-DC 44289-P72

## 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

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

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

BCD, 80 characters,
blocked 12

2. GIVE BRIEF DESCRIPTION OF FILE ORGANIZATION

regular STD format.
LEG I, II - EOF - LEG III, IV

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

4. RESPONSIBLE COMPUTER SPECIALIST:
NAME AND PHONE NUMBER James Price
ADDRESS same as front.

COMPLETE THIS SECTION IF DATA ARE ON MAGNETIC TAPE

5. RECORDING MODE
☒ BCD ☐ BINARY ☐ ASCII ☐ EBCDIC ☐ _____

6. NUMBER OF TRACKS (CHANNELS)
☒ SEVEN ☐ NINE ☐ _____

7. PARITY
☐ ODD ☒ EVEN

8. DENSITY
☐ 200 BPI ☐ 1600 BPI ☒ 556 BPI ☐ 800 BPI ☐ _____

9. LENGTH OF INTER-RECORD GAP (IF KNOWN) ☐ 3/4 INCH ☐ _____
2.

10. END OF FILE MARK
☒ OCTAL 17 ☐ _____

11. PASTE-ON-PAPER LABEL DESCRIPTION *(INCLUDE ORIGINATOR NAME AND SOME LAY SPECIFICATIONS OF DATA TYPE, VOLUME NUMBER)*
NODC97

12. PHYSICAL BLOCK LENGTH IN BYTES

13. LENGTH OF BYTES IN BITS

## 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.

# 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 | | |
| | | | | | |

Tape produced on UNIVAC 1106

# 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 | | |
| | | | | | |



USCOMM-DC 44289-P72

# RECORD FORMAT DESCRIPTION

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|---|---|---|---|---|---|
| | | NUMBER | UNITS | | |
| | | | | | |



USCOMM-DC 44289-P72

# 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 CALIBRATED |
|---|---|---|---|---|---|---|---|---|---|
| | | YOUR ORGANIZATION (√) | OTHER ORGANIZATION (GIVE NAME) | AT FIXED INTERVALS (√) | BEFORE OR AFTER USE (√) | BEFORE AND AFTER USE (√) | ONLY AFTER REPAIR (√) | ONLY WHEN NEW (√) | (√) |
| BISSETT 9060 STD | pre-cruise | ✓ | | | ✓ | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |

NOAA FORM 24-18

USCOMM-DC 44289-P72

74-0462

# Documentation of Processed STD Velocimeter Data

National Oceanographic Data Center

September 1971

Please use this form as a supplement to the NODC "Data Definition Form, General Information."

All items on this form are considered of importance to the archive processing and future use of STD-velocimeter data. In submitting computer processed data, it is especially important to complete the section titled "Reduction-Processing."

A. Instrument - Sensors

1. Instrument - Sensors

   a. Manufactuerer BISSETT
   b. Model 9060
   c. Serial
   d. Sensors (The questions asked about each sensor listed may serve as a guide for information to be submitted about other sensors.)

2. Salinity (Compensated Conductivity)

   a. Model
   b. Serial
   c. Date of last calibration

3. Temperature

   a. Model
   b. Serial
   c. Date of last calibration

4. Pressure

   a. Model
   b. Serial
   c. Date of last calibration
   d. If pressure is recorded as depth, what relationship was used to arrive at depth?

5. Sound Velocity

   a. Model
   b. Serial number
   c. Date of last calibration

d. Is raw calibration data available? Yes_____ No_____
e. Person to be contacted for calibration information.
f. Reference equation used for sound velocity (i.e., Wilson, Greenspan, etc., or variations theron).

6. Conductivity (if used)

a. Model
b. Serial
c. Date of last calibration

7. Other (Attach a list for other parameters such as ambient light, transmissivity, etc.)

8. Is calibration data for the above sensors available? Yes___ No___

9. Have you modified your instrument and/or sensors?

10. Which parameters are affected by the modifications?

11. What is the result of the modification with respect to the accuracy, resolution, and precision of the data?

B. Operational Methods

1. Mode of use

(a.) Platform is affected by pitch and roll which is <u>not</u> decoupled from the package.
b. Platform is stable or platform motion <u>is</u> decoupled from package.
c. Unit is freefalling.
d. Other (describe).

2. Lowering rate (meters/min)

a. Enter lowering rate in regions of high parameter gradients } 30 m/min
b. Enter lowering rate in regions of low parameter gradients }

3. Time Response

(a.) Unit measures continuously
b. Unit measures _____samples per _____
c. Samples are averages of measurements over _____ time or _____ depth.

4. Power Supply BATTERIES

   a. Power supply is unstabilized _____ Maximum fluctuations ± _____ Volts about _____ volts nom
   b. Power supply to the following portions of the system is stabilized.

5. Field Checks (Indicate any operational "Deck" tests routinely made on the system (e.g., ice point tests on temperature sensors, electrical tests, etc.). (Describe)

6. Thermal Environment

   a. Instrument stored in water bath at _____ °C to _____ °C

C. Reduction-Processing

1. Primary Data Output

   (a.) Strip chart (state scale setting(s))
   b. Paper tape
   c. Magnetic tape

      (1) Digital
      (2) Analog

2. Initial Reduction

   a. Down trace only
   b. Down trace and up trace processed

      (1) Separate
      (2) Averaged

   c. Multiple lowerings _____ through depth interval _____
   (d.) Values smoothed against depth. Describe (e.g., running average, etc.)
   (e.) Special routines to compensate for "spiking" (describe)
   f. Compression applied to final data record (i.e., vertical spacing, rounding of depth, temperature, salinity, etc.)

3. Corrections

   a. Were corrections applied to final data? YES
   (b.) Corrections based on (by parameter)

→ spikes not digitized if traces were hand smoothed.

(1) Surface sample
(2) On-line samplers (give depth relation to probe)
(3) Separate lowerings (Nansen casts, other probes)
(4) Other ____ ALL OF ABOVE

c. For corrected data, what is the estimated average accuracy of the final data? For uncorrected data, what is the average bias (if known)?

| | | |
|---|---|---|
| (1) Depth-pressure | ± 3 M | } CONSERVATIVE PROBABLY NOT THIS POOR |
| (2) Temperature | ± .09 | |
| (3) Salinity | ± .07 ‰ | |
| (4) Sound Velocity | ± ____ | |

ERROR CORRECTION DOCUMENTATION FORM

DATE:

TO: OC12

FROM: OC13

SUBJECT: Error Correction in Processing of Data Set - Accession # 7400462

1) File Type: C148 (STD)

2) Project Ident.: ~~0070~~ (MAFLA)

3) ~~Track~~ Ref. Nos.: 310013 / 310008

I. Error Corrections as reported to Principal Investigator:

| Error | Correction Completed (Check) |
|---|---|

II. Additional error corrections:

| Error | Correction Completed (Check) |
|---|---|

III. Processor Name: _____

TAPE ASSIGNMENT SHEET

ACCESSION NO.: 7400462 Ref ~~TRACK~~ NO(s).: 310013

| Type of Tape | Tape Number | Label | LRECL | BLKSIZE | RECFM | Remarks |
|---|---|---|---|---|---|---|
| Originator | Ø6695 | NL | 80 | 3200 | 9-tr 1600 BPI EBCDIC | |
| Duplicate | WØ394Ø | SL | 80 | 4000 | 9-tr 1600 BPI ASCII | |
| Reformatted | | | | | | |
| First User | | | | | | |
| Final User | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |

DATA SET ROUTE SHEET

ACCESSION/~~TRACK~~ Ref # 7900462/310013

| Step | Completion Date/Init. | | Tape # or DSN | # of Files | BLKSIZE | LRECL | # RECORDS |
|---|---|---|---|---|---|---|---|
| IGINATOR TAPE | 8/17/83 | ~~FBC~~ | Ø6695 | 149 | 3200 | 80 | |
| ADI/SCAN TAPE | 8/17/83 | ~~FBC~~ | WØ394Ø | 149 | 4000 | 80 | |
| SIGNED FOR PROCESS. | | | | | | | |
| )F EVALUATION | | | | | | | |
| JALITY REVIEW | | | | | | | |
| RELIMINARY DATA-SORT | | | | | | | |
| RELIMINARY MULCHEK | | | | | | | |
| IRST USER TAPE | | | | | | | |
| ORK DISK FILE | | | | | | | |
| INAL USER TAPE | | | | | | | |
| INAL MULCHEK | | | | | | | |
| DITED DISK FILE | | | | | | | |
| )ATA SET "FINALIZED" | | | | | | | |

TAPE ASSIGNMENT SHEET

ACCESSION NO.: 7400462 Ref ~~TRACK~~ NO(s).: 31000F

| Type of Tape | Tape Number | Label | LRECL | BLKSIZE | RECFM | Remarks |
|---|---|---|---|---|---|---|
| Originator | 06450 | NL | 80 | 3200 | 9-Tr 1600 BPI EBCDIC | |
| Duplicate | W04031 | SL | 80 | 4000 | 9-Tr 1600 BPI ASCII | |
| Reformatted | | | | | | |
| First User | | | | | | |
| Final User | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |

DATA SET ROUTE SHEET

ACCESSION/~~TRACK~~ Ref. # 7400462/310008

| Step | Completion Date/Init. | | Tape # or DSN | # of Files | BLKSIZE | LRECL | # RECORDS |
|---|---|---|---|---|---|---|---|
| IGINATOR TAPE | 8/17/83 | [illegible] | Ø6450 | 74 | 3200 | 80 | |
| ADI/SCAN TAPE | 8/17/83 | [illegible] | W04031 | 74 | 4000 | 80 | |
| SIGNED FOR PROCESS. | | | | | | | |
| F EVALUATION | | | | | | | |
| ALITY REVIEW | | | | | | | |
| ELIMINARY DATA-SORT | | | | | | | |
| ELIMINARY MULCHEK | | | | | | | |
| IRST USER TAPE | | | | | | | |
| ORK DISK FILE | | | | | | | |
| INAL USER TAPE | | | | | | | |
| INAL MULCHEK | | | | | | | |
| DITED DISK FILE | | | | | | | |
| ATA SET "FINALIZED" | | | | | | | |

```
>C11 EQ 7400462
                                                          07/29/83  07:40:18
                        ACCESSION NUMBER  7400462
              DATE RECEIVED 111474

-------------------------------------------------------------------------------

REFERENCE = 310013       CRUISE = S7303          DATES 022573-031173   DUC =  1
COUNTRY     = 31  UNITED STATES
 25-FL UNIV. OF MIAMI RSMAS (MIAMI)
FILE-ALIAS = C148 HIGH RESOLUTION STD DATA
PROJECT     = 0070 MAFLA                      MEDIUM = 21 MAG TAPE NON-NODC
PLATFORM    = GI GILLISS                             TYPE =  SHIP
      STATIONS-IN =   149  STATIONS-OUT =   149  RECORD COUNT =      0
STATUS:  RES       SU       SP     H-PRO    PROCESS   DIP     MASTER   RETCOR
                           110382                              070177

-------------------------------------------------------------------------------

REFERENCE = 320008       CRUISE = CI-7304        DATES 020173-020173   DUC =  1
COUNTRY     = 31  UNITED STATES
 25-FL UNIV. OF MIAMI RSMAS (MIAMI)
FILE-ALIAS = C148 HIGH RESOLUTION STD DATA
PROJECT     = 0070 MAFLA                      MEDIUM = 21 MAG TAPE NON-NODC
PLATFORM    = IC ISELIN COLUMBUS                     TYPE =  SHIP
      STATIONS-IN =    74  STATIONS-OUT =     0  RECORD COUNT =      0
STATUS:  RES       SU       SP     H-PRO    PROCESS   DIP     MASTER   RETCOR
                           110382             110174

-------------------------------------------------------------------------------
       2 TRACK RECORDS SELECTED
```

7400462

NANSEN REF. #

31955 3

MULDARS TRACK #

TT3204

MONITOR: CONTACT

Gerald W. Darmon

LOCATION OF F022 SOURCE

Archives (TT3204)

RECORD ALL ERRORS FOUND

| CONSEC(S) | ERRORS FOUND |
|---|---|
| 12 ✓ | Speed - unable to resolve - DELETE |
| 7 | Salinometer probe - salinity doubtfull |
| 40 ✓ | Speed - time 155 to 158 |
| 41 | Quest. temp |
| 54 ✓ | speed - time 022 to 020 |
| 70 | Salinometer probe - salinity doubtfull |

MB 11/25/85

NANSEN REF. #

329376

MULDARS TRACK #

TT3205

MONITOR: CONTACT

Gerald W. Damon

LOCATION OF F022 SOURCE

Archives (TT 3205

RECORD ALL ERRORS FOUND

| CONSEC(S) | ERRORS FOUND |
| --- | --- |
| 92 | Speed: unresolved ÷ delete sta. |

TX BF
10/30/85

***** Record 177 in INVENTORY *****

^00169 DATA ENTRY INFORMATION SYSTEM RPS
(DATASET INVENTORY)

DATE OF ENTRY: 09/10/85

REFERENCE NUMBER: 319553 ACCESSION NUMBER: 7400462
FORMER REFERENCE NUMBER: _____ FORMER ACCESSION NUMBER: _____ (RESUB ONLY)

---

INVENTORY

MEDIA-IN: 01 - Digital Magnetic Tape DINDB CODE 09
EXCHANGE (FORMAT): E001 - Low Resolution STD
PROCESSING (FORMAT): C022 - Low Resolution STD (SD2 Format)

* NOTE * If data is F022, create an additional record for C022.

INSTITUTE (COUNTRY AND INSTITUTE CODES): 3125
PLATFORM (COUNTRY AND PLATFORM CODES): 31GI
PLATFORM TYPE: 9 - Ship DINDB CODE 09

ORIGINATORS FILE ID: _____ ORIGINATORS CRUISE ID: TT3205
CRUISE START DATE: 02/25/73 CRUISE END DATE: 03/11/73 Press PgDn
PROJECT CODE: 0070 DATA USE CODE (DUC): 3 to continue

VOLUME - NUMBER OF STATIONS: 149 NUMBER OF RECORDS: 1,090

If STA/REC counts are not appropriate then enter -

NUMBER: _____ UNITS: ____

---

OCEAN AREA

CODE 1: 26 MEANING: Gulf of Mexico
CODE 2: ___ MEANING: _____
CODE 3: ___ MEANING: _____

---

DINDB TRACK TRANSACTION GENERATED: __/__/__

***** Record 176 in INVENTORY *****

000168 DATA ENTRY INFORMATION SYSTEM RPS
(DATASET INVENTORY)

DATE OF ENTRY: 09/10/85

REFERENCE NUMBER: 329376 ACCESSION NUMBER: 7400462
FORMER REFERENCE NUMBER: _____ FORMER ACCESSION NUMBER: _____ (RESUB ONLY)

---

INVENTORY

MEDIA-IN: 01 - Digital Magnetic Tape DINDB CODE 09
EXCHANGE (FORMAT): E001 - Low Resolution STD
PROCESSING (FORMAT): C022 - Low Resolution STD (SD2 Format)

* NOTE * If data is F022, create an additional record for C022.

INSTITUTE (COUNTRY AND INSTITUTE CODES): 3125
PLATFORM (COUNTRY AND PLATFORM CODES): 32IC
PLATFORM TYPE: 9 - Ship DINDB CODE 09

ORIGINATORS FILE ID: _____ ORIGINATORS CRUISE ID: TT3204
CRUISE START DATE: 02/01/73 CRUISE END DATE: 02/13/73 Press PgDn
PROJECT CODE: 0070 DATA USE CODE (DUC): 3 to continue

VOLUME - NUMBER OF STATIONS: 73 NUMBER OF RECORDS: 579

If STA/REC counts are not appropriate then enter -

NUMBER: _____ UNITS: ____

---

OCEAN AREA

CODE 1: 26 MEANING: Gulf of Mexico
CODE 2: ___ MEANING: _____
CODE 3: ___ MEANING: _____

---

DINDB TRACK TRANSACTION GENERATED: __/__/__

ACCESSION NO. 7400462 FILETYPE C022 TRACK NO. 329376 319553 PROJECT IDENTIFICATION 0070

| STEP | DATE | INIT. | TAPE OR DISK DSN | NO. FILES | LRECL | BLK SIZE | NO. RECORDS |
|---|---|---|---|---|---|---|---|
| ORIG. TAPE 06450 | | | | 1 | 80 | 3200 | |
| DUPLICATE TAPE W04031 W03940 | 8/17/83 | JBR | DNOD*83NODC564-02.<br>DNOD*83NODC564-01. | 1<br>1 | 80 | 4000 | |
| REFORMATTED TAPE | | | | | | | |
| REFORMATTED DISK | 9/4/85 | RPS | DNODC*NEWMAFOUT. | 1 | 120 | 234 | 1669 |
| FIRST MULCHEK | | | | | | | |
| FINAL MULCHEK | | | | | | | |
| MPD75 OR F022 | | | | | | | |
| DATA SET FINALIZED | | | | | | | |

ERRORS REPORTED TO PRINCIPAL INVESTIGATOR:

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

COMMENTS (TRACKS DELETED, FIELDS DELETED, ETC.)

NODC CR. [redacted] | ACCESSION NUMBER 74-0462

Cruise I7304(ISELIN) 3200003 - Deck 64

# DATA DOCUMENTATION FORM

Cruise S7303(GILLISS) 3100013

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

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3200008 (Sta Data I Interim No. 320000)
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## A. ORIGINATOR IDENTIFICATION

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

RSMAS, Dept of Physical Ocno.
4600 Rickenbacker Cswy

Tape N00C97

2. EXPEDITION, PROJECT, OR PROGRAM DURING WHICH DATA WERE COLLECTED

Continental Shelf Dynamics; NSF#GA 34009

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

I7304
S7303

| 4. PLATFORM NAME(S) | 5. PLATFORM TYPE(S) (E.G., SHIP, BUOY, ETC.) | 6. PLATFORM AND OPERATOR NATIONALITY(IES) | | 7. DATES | |
|---|---|---|---|---|---|
| | | PLATFORM | OPERATOR | FROM: MO/DAY/YR | TO: MO/DAY/YR |
| R/V C. ISELIN<br>R/V J.M. GILLISS | SHIP | US | US | FEB/1/73 | MAR/10/74 |

8. ARE DATA PROPRIETARY?

[X] NO [ ] YES

IF YES, WHEN CAN THEY BE RELEASED FOR GENERAL USE? YEAR ___ MONTH ___

9. ARE DATA DECLARED NATIONAL PROGRAM (DNP)?
(I.E., SHOULD THEY BE INCLUDED IN WORLD DATA CENTERS HOLDINGS FOR INTERNATIONAL EXCHANGE?)

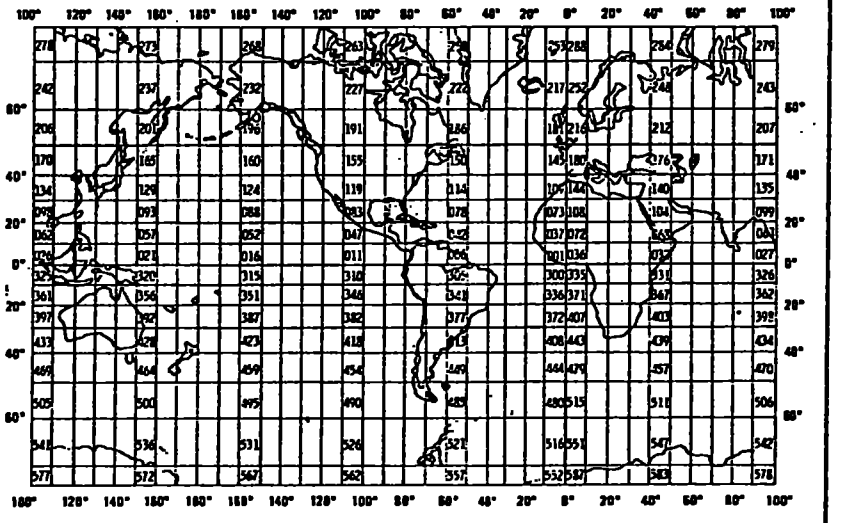
[ ] NO [X] YES [ ] PART (SPECIFY BELOW)

10. PERSON TO WHOM INQUIRIES CONCERNING DATA SHOULD BE ADDRESSED WITH TELEPHONE NUMBER (AND ADDRESS IF OTHER THAN IN ITEM-1)

Dr CNK Mooers
or
J.J. Price
305-350-7322

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

GENERAL AREA



NOAA FORM 24-13

USCOMM-DC 44289-P72

## 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 |
|---|---|---|---|---|
| Salinity | ‰ | 9060 STD BISSETT-BERMAN | chemical calibration carried out with ambient hydrocasts. | digitized at 2" increments, interpolated to 5m int. |
| TEMP | °C | " | | " |
| | | S good to | ± .07 ‰ | |
| | | T good to | ± .09 °C | |
| | | | good | |



USCOMM-DC 44289-P72

## C. DATA FORMAT

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

1. T RECORD TYPES CONTAINED IN THE TRANSMITTAL OF YOUR FILE
E METHOD OF IDENTIFYING EACH RECORD TYPE

BCD, 80 character, unblocked 12

2. GIVE BRIEF DESCRIPTION OF FILE ORGANIZATION

regular STD format.
LEG I, II - EOF - LEG III, IV

TTRIBUTES AS EXPRESSED IN ☐ PL-1 ☐ ALGOL ☐ COBOL ☐ FORTRAN ☐ _____ LANGUAGE

4. RESPONSIBLE COMPUTER SPECIALIST:
NAME AND PHONE NUMBER Chris Price
ADDRESS same as above

COMPLETE THIS SECTION IF DATA ARE ON MAGNETIC TAPE

5. RECORDING MODE
☒ BCD ☐ BINARY ☐ ASCII ☐ EBCDIC ☐ _____

6. NUMBER OF TRACKS (CHANNELS)
☒ SEVEN ☐ NINE ☐ _____

7. PARITY
☐ ODD ☒ EVEN

8. DENSITY
☐ 200 BPI ☐ 1600 BPI ☒ 556 BPI ☐ 800 BPI ☐ _____

9. LENGTH OF INTER-RECORD GAP (IF KNOWN)
2. ☐ 3/4 INCH ☐ _____

10. END OF FILE MARK
☒ OCTAL 17 ☐ _____

11. PASTE-ON-PAPER LABEL DESCRIPTION *(INCLUDE ORIGINATOR NAME AND SOME LAY SPECIFICATIONS OF DATA TYPE, VOLUME NUMBER)*
NODC97

12. PHYSICAL BLOCK LENGTH IN BYTES

13. LENGTH OF BYTES IN BITS

# RECORD FORMAT DESCRIPTION

ORD NAME _____

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



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 ("✓") 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 CALIBRATED |
|---|---|---|---|---|---|---|---|---|---|
| | | YOUR ORGANIZATION (√) | OTHER ORGANIZATION (GIVE NAME) | AT FIXED INTERVALS (√) | BEFORE OR AFTER USE (√) | BEFORE AND AFTER USE (√) | ONLY AFTER REPAIR (√) | ONLY WHEN NEW (√) | (√) |
| SBE T. 9060 STD | pre-cruise | ✓ | | | ✓ | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
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NOAA FORM 24-13

USCOMM-DC 44289-P72

74-0462

# Documentation of Processed STD Velocimeter Data

National Oceanographic Data Center

September 1971

Please use this form as a supplement to the NODC "Data Definition Form, General Information."

All items on this form are considered of importance to the archive processing and future use of STD-velocimeter data. In submitting computer processed data, it is especially important to complete the section titled "Reduction-Processing."

A. Instrument - Sensors

1. Instrument - Sensors

   a. Manufactuerer BISSETT
   b. Model 9060
   c. Serial
   d. Sensors (The questions asked about each sensor listed may serve as a guide for information to be submitted about other sensors.)

2. Salinity (Compensated Conductivity)

   a. Model
   b. Serial
   c. Date of last calibration

3. Temperature

   a. Model
   b. Serial
   c. Date of last calibration

4. Pressure

   a. Model
   b. Serial
   c. Date of last calibration
   d. If pressure is recorded as depth, what relationship was used to arrive at depth?

5. Sound Velocity

   a. Model
   b. Serial number
   c. Date of last calibration

```
Password:
 accNo    fleA refNo   proj inst ship startDate  cruise      catId
 -------- ---- ------- ---- ---- ---- ---------- ---------- ----------
 7400462  C022 319553  9999 3125 31GI 1973/02/02 TT3205          284788
 7400462  C022 329376  0070 3125 32IC 1973/02/25 TT3204          284789
 7400462  F022 TT3204  0070 3125 32IC 1973/02/02 I7304           284790
 7400462  F022 TT3205  0070 3125 31GI 1973/02/25 S7303           284791

(4 rows affected)
```

Password:

| accNo | fleA | refNo | ship | staCnt | recCnt | startDate | endDate |
|---|---|---|---|---|---|---|---|
| 7400462 | C022 | 319553 | 31GI | 149 | 70 | Feb 2 1973 | Feb 13 1973 |
| 7400462 | C022 | 329376 | 32IC | 73 | 148 | Feb 25 1973 | Mar 11 1973 |
| 7400462 | F022 | TT3204 | 32IC | 73 | 535 | Feb 2 1973 | Feb 13 1973 |
| 7400462 | F022 | TT3205 | 31GI | 149 | 1083 | Feb 25 1973 | Mar 11 1973 |

(4 rows affected)