

DATA DOCUMENTATION FORM

328528

NOAA FORM 24-13
(4-77)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

C022

(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.

184 STATIONS - CTD

A. ORIGINATOR IDENTIFICATION

NODC TAPE COPY = 2780
9 TRK, 1600 b.p.l., ASCII
NON-LABELLED
LRECL = 80, BLKSIZE = 3200Originator's tape has EOF
after each station

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

GEOSECS Operations Group/NSF
University of California, San Diego
S-001
La Jolla, CA 920932. EXPEDITION, PROJECT, OR PROGRAM DURING WHICH
DATA WERE COLLECTED

EL NINO WATCH

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

34

4. PLATFORM NAME(S)

R/V MOANA WAVE

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

Research ship

6. PLATFORM AND OPERATOR
NATIONALITY(IES)

PLATFORM

OPERATOR

U.S.A.

U.S.A.

7. DATES

FROM: MO, DAY, YR TO: MO, DAY, YR

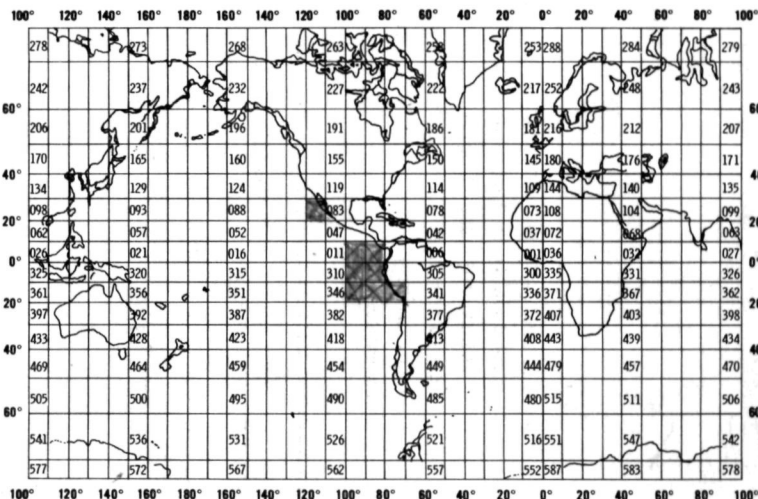
02 11 75

05 27 75

8. ARE DATA PROPRIETARY?

☒ NO ☐ YESIF YES, WHEN CAN THEY BE RELEASED
FOR GENERAL USE? YEAR MONTH9. ARE 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)10. PERSON TO WHOM INQUIRIES CONCERNING
DATA SHOULD BE ADDRESSED WITH TELE-
PHONE NUMBER (AND ADDRESS IF OTHER
THAN IN ITEM-1)Arnold E. Bainbridge
(714) 452-442011. 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 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 | 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

[illegible]

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.

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

Header record, identified by record type=1 in last field of record.

Data record, identified by record type=3 in last field of record.

2. GIVE BRIEF DESCRIPTION OF FILE ORGANIZATION

Logical record length 80 characters. 40 logical records per physical records.
No tape label.

For each station, one header record, data record for each level, data ends with EOF.

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

4. RESPONSIBLE COMPUTER SPECIALIST:

NAME AND PHONE NUMBER _____

ADDRESS _____

COMPLETE THIS SECTION IF DATA ARE ON MAGNETIC TAPE

| | |
|--|--|
| <p>5. RECORDING MODE</p> <p><input type="checkbox"/> BCD <input type="checkbox"/> BINARY</p> <p><input type="checkbox"/> ASCII <input checked="" type="checkbox"/> EBCDIC</p> <p><input type="checkbox"/> _____</p> | <p>9. LENGTH OF INTER-RECORD GAP (IF KNOWN) <input type="checkbox"/> 3/4 INCH <input checked="" type="checkbox"/> .6</p> |
| <p>6. NUMBER OF TRACKS (CHANNELS)</p> <p><input type="checkbox"/> SEVEN</p> <p><input checked="" type="checkbox"/> NINE</p> <p><input type="checkbox"/> _____</p> | <p>10. END OF FILE MARK <input type="checkbox"/> OCTAL 17 <input checked="" type="checkbox"/> octal 23</p> |
| <p>7. PARITY</p> <p><input checked="" type="checkbox"/> ODD</p> <p><input type="checkbox"/> EVEN</p> | <p>11. PASTE-ON-PAPER LABEL DESCRIPTION (INCLUDE ORIGINATOR NAME AND SOME LAY SPECIFICATIONS OF DATA TYPE, VOLUME NUMBER) GEOSECS Operations Group CTD Data EL NINO WATCH Cruise GOG Ref. 34</p> |
| <p>8. DENSITY</p> <p><input type="checkbox"/> 200 BPI <input type="checkbox"/> 1600 BPI</p> <p><input type="checkbox"/> 556 BPI</p> <p><input checked="" type="checkbox"/> 800 BPI</p> <p><input type="checkbox"/> _____</p> | <p>12. PHYSICAL BLOCK LENGTH IN BYTES 3200</p> <p>13. LENGTH OF BYTES IN BITS 8</p> |

RECORD NAME Header Record

NOAA FORM 24-13

| RECORD NAME | Data Record |
|-------------|-------------|
|-------------|-------------|

Data Record

NOAA FORM 24-19

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 (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 (✓) | |
| Neil Brown CTD | | ✓ | | Instrument is calibrated by comparison with data from Niskin bottle samples on every cast | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
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ERROR CORRECTION DOCUMENTATION FORM

DATE:

TO: OC12

FROM: OC13

SUBJECT: Error Correction in Processing of Data Set - Accession # 7800703

- 1) File Type: C102 (Nansen/Electronic)
- 2) Project Ident.: 0078
- 3) ^{Ref} Track Nos.: 328528

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.: 7500703

Ref. TRACK NO(s): 325528

| Type of Tape | Tape Number | Label | LRECL | BLKSIZE | RECFM | Remarks |
|--------------|-------------|-------|-------|---------|---------------------------------------|---------|
| Originator | NINO | NL | 80 | 3200 | 9- tr 900 BPI EBCDIC | |
| Duplicate | W03140 | SL | 80 | 4000 | 9- tr 1600 BPI ASCII | |
| Reformatted | | | | | | |
| First User | | | | | | |
| Final User | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |

ACCESSION/TRACK # 7800703/328528

| Step | Completion Date/Init. | | Tape # or DSN | # of Files | BLKSIZE | LRECL | # RECORDS |
|----------------------|-----------------------|--------------------|------------------|---------------|---------|-------|-----------|
| IGNATOR TAPE | 8/16/83 | 8/16/83 | N1N0 | 184 | 3200 | 80 | |
| ADI/SCAN TAPE | 8/16/83 | 8/16/83 | W03140 | 184 | 4000 | 80 | |
| IGNED FOR PROCESS. | | | | | | | |
| OF EVALUATION | | | | | | | |
| UALITY REVIEW | | | | | | | |
| RELIMINARY DATA SORT | | | | | | | |
| RELIMINARY MULCHEK | | | | | | | |
| IRST USER TAPE | | | | | | | |
| ORK DISK FILE | | | | | | | |
| INAL USER TAPE | | | | | | | |
| INAL MULCHEK | | | | | | | |
| EDITED DISK FILE | | | | | | | |
| DATA SET "FINALIZED" | | | | | | | |

C11 EQ 7800703

07/29/83 07:39:10

ACCESSION NUMBER 7800703
DATE RECEIVED 110278

REFERENCE = 328528 CRUISE = 34 DATES 021175-052775 DUC = 1
COUNTRY = 31 UNITED STATES
01-CA SCRIPPS INST OF OCEANOGRAPHY (LA JOLLA)
FILE-ALIAS = C102 OCEAN STATION DATA (NANSEN & ELECT)
PROJECT = 0078 IDOE/NORPAX MEDIUM = 09 MAG TAPE DIG NODC
PLATFORM = MW MORNA WAVE TYPE = SHIP
STATIONS-IN = 184 STATIONS-OUT = 0 RECORD COUNT = 0
STATUS: RES SU SP H-PRO PROCESS DIP MASTER RETCOR
 110278 110178

1 TRACK RECORD SELECTED

Password:

| accNo | fleA | refNo | proj | inst | ship | startDate | cruise | catId |
|---------|------|--------|------|------|------|------------|--------|--------|
| 7800703 | F022 | TT8095 | 0078 | 3101 | 32MW | 1975/02/22 | 34 | 307952 |
| 7800703 | F022 | TT8096 | 0078 | 3101 | 32MW | 1975/04/17 | 34 | 307953 |
| 7800703 | C022 | 329626 | 0078 | 3101 | 32MW | 1975/02/22 | TT8095 | 307950 |
| 7800703 | C022 | 329627 | 0078 | 3101 | 32MW | 1975/04/17 | TT8096 | 307951 |

(4 rows affected)

Password:

| accNo | fleA | refNo | ship | staCnt | recCnt | startDate | endDate |
|---------|-------|--------|-------|--------|--------|-----------|----------|
| ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- |
| 7800703 | F022 | TT8095 | 32MW | 89 | 3831 | 75/02/22 | 75/03/31 |
| 7800703 | F022 | TT8096 | 32MW | 95 | 3430 | 75/04/17 | 75/05/27 |
| 7800703 | C022 | 329626 | 32MW | 89 | 161 | 75/02/22 | 75/03/31 |
| 7800703 | C022 | 329627 | 32MW | 95 | 158 | 75/04/17 | 75/05/27 |

(4 rows affected)

Unique No.: 194952

Date of Entry: 10/24/90

DATA ENTRY INFORMATION SYSTEM
(DATASET INVENTORY - DINDB)

Accession No.: 7800703 Reference No.: 329626
Former Accession No.: Former Reference No.: (Resub ONLY)

Media-In (DINDB): 09 - Digital Magnetic Tape

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.

Country/Institute Code: 3101 Country/Platform Code: 32MW

Platform Type (DINDB): 09 - Ship Orig. Cruise ID: TT8095

Cruise Start Date: 02/22/75 Project Code: 0078

Cruise End Date: 03/31/75 Data Use Code (DUC): 3

Number of Stations: 89 Number of Records: 3,831

If stations/records not appropriate then:

Number: Units:

Ocean Area:

Code 1: 61B Meaning: SE Pacific (limit-140 W)
Code 2: Meaning:
Code 3: Meaning:

DINDB Transaction Date:

Unique No.: 194954

Date of Entry: 10/24/90

DATA ENTRY INFORMATION SYSTEM
(DATASET INVENTORY - DINDB)

Accession No.: 7800703 Reference No.: 329627
Former Accession No.: Former Reference No.: (Resub ONLY)

Media-In (DINDB): 09 - Digital Magnetic Tape

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.

Country/Institute Code: 3101 Country/Platform Code: 32MW

Platform Type (DINDB): 09 - Ship Orig. Cruise ID: TT8096

Cruise Start Date: 04/17/75 Project Code: 0078

Cruise End Date: 05/27/75 Data Use Code (DUC): 3

Number of Stations: 95 Number of Records: 3,430

If stations/records not appropriate then:

Number: Units:

Ocean Area:

Code 1: 61B Meaning: SE Pacific (limit-140 W)

Code 2: Meaning:

Code 3: Meaning:

DINDB Transaction Date:

ACCESSION NO. 7800703 FILETYPE ~~F022~~ E022

TRACK NO. 329626-78096

PROJECT IDENTIFICATION

IPDOE/NORPAX/EL
NINO

| STEP | DATE | INIT. | TAPE OR DISK DSN | NO. FILES | LRECL | BLK SIZE | NO. RECORDS |
|--------------------|---------|---------|---------------------|--------------|-------|----------|----------------|
| ORIG. TAPE | 8-16-83 | RID LON | A01292 | 184 | 80 | 3200 | |
| DUPLICATE TAPE | ↓ | ↓ | W03140 | ↓ | 80 | 4000 | |
| REFORMATTED TAPE | 10-5-90 | R.P.S. | W09392 ** | 1 | 120 | 12000 | 7,261 |
| REFORMATTED DISK | | | | | | | |
| FIRST MULCHEK | | | | | | | |
| FINAL MULCHEK | | | | | | | |
| MPD75 OR F022 | | | | | | | |
| DATA SET FINALIZED | | | | | | | |

ERRORS REPORTED TO PRINCIPAL INVESTIGATOR: ** LABEL: DNODC * M wave OUT.

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

COMMENTS (TRACKS DELETED, FIELDS DELETED, ETC.)

#111/6-4-91

MARINE ENVIRONMENTAL DATA SERVICE MAGNETIC TAPE SPECIFICATIONS

Please complete and check the appropriate boxes.

REEL NUMBER(S): MD 2415CONTENTS: Drifting Buoy Data For Janto
Mar/1991MACHINE CREATED ON: 29/05/1991 OPERATING SYSTEM: VAX

| SI | STRANGER | LONG |
|--------------------------|--------------------------|--------------------------|
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

For CDC machines only.

| NO. OF TRACKS: | 7 | 9 |
|----------------|--------------------------|-------------------------------------|
| | <input type="checkbox"/> | <input checked="" type="checkbox"/> |

| DENSITY: (B.P.I.) | 6250 | 1600 | 800 | 556 | 200 |
|----------------------|-------------------------------------|--------------------------|--------------------------|--------------------------|--------------------------|
| | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

| PARITY: | EVEN | ODD | MIXED |
|---------|--------------------------|--------------------------|--------------------------|
| | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

| LABEL: | NL | SL | NSL |
|--------|--------------------------|--------------------------|--------------------------|
| | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

RECORD LENGTH: 80BLOCK SIZE: 1920

| RECORDING MODE: | BCD | EBCDIC | PACKED DECIMAL | BINARY | ASCII |
|-----------------|--------------------------|--------------------------|--------------------------|--------------------------|-------------------------------------|
| | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |

FILE NAME: G F 3 Format

| MULTI-REEL FILE: | YES | NO |
|------------------|--------------------------|-------------------------------------|
| | <input type="checkbox"/> | <input checked="" type="checkbox"/> |

Number of Reels: 1

| MULTI-FILE REEL: | YES | NO |
|------------------|--------------------------|-------------------------------------|
| | <input type="checkbox"/> | <input checked="" type="checkbox"/> |

Please attach a list of File Names and Positions.

| TO BE RETURNED: | YES | NO |
|-----------------|-------------------------------------|--------------------------|
| | <input checked="" type="checkbox"/> | <input type="checkbox"/> |

RETURN TAPE as soon as possible - also please advise as soon as you are able to read our tape successfully. Thank you.

FORMAT: G.F.3

(If documentation does not accompany tape, where can it be found.)

☒ SENT BY: A. LeBlanc DATE: 30/5/91
☐ RECEIVED BY: _____

(Francis au verso)



Government
of Canada

Gouvernement
du Canada

TRANSMITTAL NOTE AND RECEIPT
NOTE D'ENVOI ET REÇU

#111/6-491

File No. — N° du dossier

6220-R1

TO — À

Dr. E. W. Withee, Director
National Oceanographic Data Centre,
NOAA/NESDIS,
1825 Connecticut Avenue, N.W.
Washington, D.C., U.S.A.

ORIGINATOR AND ADDRESS — INITIATEUR ET ADRESSE

Marine Environmental Data Service
Department of Fisheries and Oceans
1302 - 200 Kent Street
OTTAWA, Ontario, CANADA
K1A 0E6

Security Classification — Classification de sécurité



☐ Confidential
☐ Confidentiel

☐ Secret

☐ Top Secret
☐ Très Secret



☒ With Enclosure(s)
☒ Avec annexe(s)

☐ Without Enclosure
☐ Sans annexe

QUANTITY
QUANTITÉ

REFERENCE/COPY NO. — N° DE RÉFÉRENCE

DESCRIPTION

Enclosed, please find (1) Magnetic Tape No. MD 2415 which contains the Drifting Buoy Data for the Calendar Year Period Jan-Mar/1991.

Included also is a tape Specification's Sheet along with a Summary of Buoys selected from the Meds Drifting Buoy Inventory. At the end is a Inventory Summary Explanation.

C.C. Dr. R. Moffat, WDC-A.

Yours Sincerely,

Originator's Signature — Signature de l'initiateur

Merald A. LeBlanc

Signature

30/5/91

Date

Received By — Reçu par

Signature

Date

GC 44A
7540-21-874-1328

ADDRESSEE — SIGN AND RETURN TO ORIGINATOR — DESTINATAIRE — SIGNER ET RENVoyer À L'INITIATEUR

2



Government of Canada
Gouvernement du Canada

TRANSMITTAL NOTE AND RECEIPT
NOTE D'ENVOI ET REÇU

#111/6-4-91

File No. — N° du dossier

6220-R1

A01433

Acc# 9100101

TO — À

Dr. G. W. Withee, Director
National Oceanographic Data Centre,
NOAA/NESDIS,
1825 Connecticut Avenue, N.W.
Washington, D.C., U.S.A.
20235

ORIGINATOR AND ADDRESS — INITIATEUR ET ADRESSE

Marine Environmental Data Service
Department of Fisheries and Oceans
1202 - 200 Kent Street
OTTAWA, Ontario, CANADA
K1A 0E6

Security Classification — Classification de sécurité



☐ Confidential
Confidentiel

☐ Secret

☐ Top Secret
Très Secret



☒ With Enclosure(s)
Avec annexe(s)

☐ Without Enclosure
Sans annexe

QUANTITY
QUANTITÉ

REFERENCE/COPY NO. — N° DE RÉFÉRENCE

DESCRIPTION

Enclosed, please find (1) Magnetic Tape No. MD 2415 which contains the Drifting Buoy Data for the Calendar Year Period Jan-Mar/1991.

Included also is a tape Specification's Sheet along with a Summary of Buoys selected from the Meds Drifting Buoy Inventory. At the end is a Inventory Summary Explanation.

c.c. Dr. R. Moffat, WDC-A.

Yours Sincerely,

Originator's Signature — Signature de l'initiateur

Merald P. LeBlanc

Signature

30/5/91

Date

Received By — Reçu par

Signature

Date

GC 44A
7540-21-874-1328

ADDRESSEE — RETAIN THIS COPY AND RETURN COPY NO. 2 TO ORIGINATOR
DESTINATAIRE — CONSERVER CETTE COPIE ET RENVOYER LA COPIE N° 2 À L'INITIATEUR

| | | | | |
|--|----------------------------|-----------------------------------|--------------------------------|-------------------------|
| User Name <i>S. G. H. H. H. H. H.</i> | Phone # <i>673-5436</i> | Org/Task <i>EG12-00 SAEH/9</i> | Submit Date <i>06/12/91</i> | Due Date <i>ASAP</i> |
|--|----------------------------|-----------------------------------|--------------------------------|-------------------------|

PART A

Request/Problem Category

- ☐ General Info ☐ Communications ☐ Equipment ☐ Supplies
☐ Software ☐ Tape Library ☒ Computer Operations
☐ Other Specify:

Request/Problem Description::

Please scan tape A01433

PART B

(For Operator Job Requests)

Operator Job Request Type

- ☐ Run BRBUOY procedure Name: _____ ☐ See attached list
☐ Run SELBUOY procedure Name: _____ ☐ See attached list
☐ Run BUOYSUM procedure Name: _____ ☐ See attached list
☐ Run OTHER procedure - see SPECIAL INSTRUCTIONS
☒ Tape Scan
☐ Tape to Tape Copy Scan OUTPUT tape? ☐ yes ☐ no
☐ Disk to Tape Copy Scan OUTPUT tape? ☐ yes ☐ no
☐ Tape to Disk Copy
☐ Print ☐ 80 column ☐ 132 column ☐ HEX ☐ OCTAL ☐ Character
 All files/records? ☐ yes ☐ no. see SPECIAL INSTRUCTIONS
☐ Restore VAX file Name: _____
☐ OTHER - see SPECIAL INSTRUCTIONS

Special Operator Instructions:

Please return tape A01433 to Bin 09

JOB INPUT

Id#/Filename: *A01433*

Medium: ☒ Tape ☐ Disk ☐ Diskette ☐ Other Specify:
 Code: ☐ ASCII ☐ EBCDIC ☐ Binary ☐ Other Specify:
 Tape Specs: ☐ 800 ☐ 1600 ☒ 6250 ☐ NL ☐ SL
 MAX Record Length: _____ MAX Blocksize: _____

JOB OUTPUT

Id#/Filename: _____

Medium: ☒ Tape ☐ Disk ☐ Diskette ☐ Other Specify:
 Code: ☐ ASCII ☐ EBCDIC ☐ Binary ☐ Other Specify:
 Tape Specs: ☐ 800 ☐ 1600 ☐ 6250 ☐ NL ☐ SL
 MAX Record Length: _____ MAX Blocksize: _____

(1003 Use Only)

JOB Number: *91061304*

Completed By: _____

Date/Time Start: *6-13-91/11:50*

Date/Time Completed: *6-13-91/12:1*

REQUEST FOR ADP SERVICES

| | | | | |
|-----------------------------------|----------------------------|---------------------------------|--------------------------------|-------------------------|
| User Name <i>Cliff Hartley</i> | Phone # <i>673-5636</i> | Org/Task <i>EG12008N3AH9</i> | Submit Date <i>07/02/91</i> | Due Date <i>ASAP</i> |
|-----------------------------------|----------------------------|---------------------------------|--------------------------------|-------------------------|

PART A

Request/Problem Category

☐ General Info ☐ Communications ☐ Equipment ☐ Supplies
☐ Software ☐ Tape Library ☒ Computer Operations
☐ Other Specify:

Request/Problem Description:

*Copy tape Aφ1433 to a 'w' tape
Please scan 'w' tape - Use MTSUM - abbreviated Scan
434 files*

PART B (For Operator Job Requests)

Operator Job Request Type

☐ Run BRBUOY procedure Name: _____ ☐ See attached list
☐ Run SELBUOY procedure Name: _____ ☐ See attached list
☐ Run BUOYSUM procedure Name: _____ ☐ See attached list
☐ Run OTHER procedure - see SPECIAL INSTRUCTIONS
☐ Tape Scan
☒ Tape to Tape Copy Scan OUTPUT tape? ☒ yes ☐ no
☐ Disk to Tape Copy Scan OUTPUT tape? ☐ yes ☐ no
☐ Tape to Disk Copy
☐ Print ☐ 80 column ☐ 132 column ☐ HEX ☐ OCTAL ☐ Character
 All files/records? ☐ yes ☐ no, see SPECIAL INSTRUCTIONS
☐ Restore VAX file Name: _____
☐ OTHER - see SPECIAL INSTRUCTIONS

Special Operator Instructions:

Please send 'w' tape to Asheville, N.C.

JOB INPUT Id#/Filename: *Aφ1433(Dφ145)*

Medium: ☒ Tape ☐ Disk ☐ Diskette ☐ Other Specify:
 Code: ☒ ASCII ☐ EBCDIC ☐ Binary ☐ Other Specify:
 Tape Specs: ☐ 80 ☐ 1600 ☒ 6250 ☒ NL ☐ SL
 MAX Record Length: _____ *80* MAX Blocksize: _____ *1920*

JOB OUTPUT Id#/Filename: *W18792*

Medium: ☒ Tape ☐ Disk ☐ Diskette ☐ Other Specify:
 Code: ☒ ASCII ☐ EBCDIC ☐ Binary ☐ Other Specify:
 Tape Specs: ☐ 800 ☐ 1600 ☒ 6250 ☒ NL ☐ SL
 MAX Record Length: _____ *80* MAX Blocksize: _____ *1920*

(OC3 Use Only)

JOB Number: *91070205* Date/Time Start: *7-2-91/14:15*

Completed By: *g.s.* Date/Time Completed: *7-2-91/15:00*

Unique No.: 194951

Date of Entry: 10/24/90

DATA ENTRY INFORMATION SYSTEM
(DATASET INVENTORY - DINDB)

Accession No.: 7800703 Reference No.: TT8095
Former Accession No.: Former Reference No.: (Resub ONLY)

Media-In (DINDB): 09 - 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.

Country/Institute Code: 3101 Country/Platform Code: 32MW

Platform Type (DINDB): 09 - Ship Orig. Cruise ID: 34

Cruise Start Date: 02/22/75 Project Code: 0078

Cruise End Date: 03/31/75 Data Use Code (DUC): 3

Number of Stations: 89 Number of Records: 3,831

If stations/records not appropriate then:

Number: Units:

Ocean Area:

Code 1: 61B Meaning: SE Pacific (limit-140 W)

Code 2: Meaning:

Code 3: Meaning:

DINDB Transaction Date:

Unique No.: 194953

Date of Entry: 10/24/90

DATA ENTRY INFORMATION SYSTEM
(DATASET INVENTORY - DINDB)

Accession No.: 7800703 Reference No.: TT8096
Former Accession No.: Former Reference No.: (Resub ONLY)

Media-In (DINDB): 09 - 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.

Country/Institute Code: 3101 Country/Platform Code: 32MW

Platform Type (DINDB): 09 - Ship Orig. Cruise ID: 34

Cruise Start Date: 04/17/75 Project Code: 0078

Cruise End Date: 05/27/75 Data Use Code (DUC): 3

Number of Stations: 95 Number of Records: 3,430

 If stations/records not appropriate then:

 Number: Units:

Ocean Area:

 Code 1: 61B Meaning: SE Pacific (limit-140 W)
 Code 2: Meaning:
 Code 3: Meaning:

DINDB Transaction Date:

ACCESSION NO. 7800703 FILETYPE F022

TRACK NO. _____

PROJECT IDENTIFICATION

TT 8095-8096

FD0E/NORPAX/EL²
NIN0

| STEP | DATE | INIT. | TAPE OR DISK DSN | NO. FILES | NO. LRECL | BLK SIZE | NO. RECORDS |
|--------------------|---------|--------|---------------------|--------------|--------------|----------|----------------|
| ORIG. TAPE | 8-16-83 | RIDLON | A01292 | 184 | 80 | 3200 | |
| DUPLICATE TAPE | ↓ | ↓ | W03140 | ↓ | 80 | 4000 | |
| REFORMATTED TAPE | 10-5-90 | R.P.S. | W09392 ** | 1 | 120 | 12000 | 7,261 |
| REFORMATTED DISK | | | | | | | |
| FIRST MULCHEK | | | | | | | |
| FINAL MULCHEK | | | | | | | |
| MPD75 OR F022 | | | | | | | |
| DATA SET FINALIZED | | | | | | | |

~~ERRORS REPORTED TO PRINCIPAL INVESTIGATOR:~~ **LABEL: DNODC * MwaveOUT.

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

COMMENTS (TRACKS DELETED, FIELDS DELETED, ETC.)

Rec'd 9/12/78 JRM

NUMBER

178-0703

IDOE/NORPAX

DATA DOCUMENTATION FORM

328528

NOAA FORM 24-13
(4-77)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

(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.

184 STATIONS - CTD

A. ORIGINATOR IDENTIFICATION

NODC TAPE COPY = 2780
9 TRK 1600 b.p.l., ASCII
NON-LABELLED
LRECL = 80, BLKSIZE = 3200

THIS SECTION MUST BE COMPLETED BY DONOR FOR ALL DATA TRANSMITTALS

CH SUBMITTED DATA ARE ASSOCIATED

| | | | |
|---|--|--|-------------------------------|
| 1. NAME AND ADDRESS OF INSTITUTION, LABORATORY, OR ACTIVITY WITH WHICH SUBMITTED DATA ARE ASSOCIATED | | | |
| GEOSECS Operations Group/NSF University of California, San Diego S-001 La Jolla, CA 92093 | | | |
| 2. EXPEDITION, PROJECT, OR PROGRAM DURING WHICH DATA WERE COLLECTED | 3. CRUISE NUMBER(S) USED BY ORIGINATOR TO IDENTIFY DATA IN THIS SHIPMENT | | |
| EL NINO WATCH | 34 | | |
| 4. PLATFORM NAME(S) | 5. PLATFORM TYPE(S) (E.G., SHIP, BUOY, ETC.) | 6. PLATFORM AND OPERATOR NATIONALITY(IES) | 7. DATES |
| R/V MOANA WAVE | Research ship | PLATFORM OPERATOR | FROM: MO/DAY/YR TO: MO/DAY/YR |
| | | U.S.A. U.S.A. | 02 11 75 05 27 75 |
| 8. ARE DATA PROPRIETARY? <input checked="" type="checkbox"/> NO <input 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. | |
| 9. ARE DATA DECLARED NATIONAL PROGRAM (DNP)? (I.E., SHOULD THEY BE INCLUDED IN WORLD DATA CENTERS HOLDINGS FOR INTERNATIONAL EXCHANGE?) <input type="checkbox"/> NO <input checked="" type="checkbox"/> YES <input type="checkbox"/> PART (SPECIFY BELOW) | | GENERAL AREA | |
| 10. PERSON TO WHOM INQUIRIES CONCERNING DATA SHOULD BE ADDRESSED WITH TELEPHONE NUMBER (AND ADDRESS IF OTHER THAN IN ITEM-1) Arnold E. Bainbridge (714) 452-4420 | | | |

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 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 | 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

[illegible]

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

Header record, identified by record type=1 in last field of record.

Data record, identified by record type=3 in last field of record.

2. GIVE BRIEF DESCRIPTION OF FILE ORGANIZATION

Logical record length 80 characters. 40 logical records per physical records.
No tape label.

For each station, one header record, data record for each level, data ends with
EOF.

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

4. RESPONSIBLE COMPUTER SPECIALIST:

NAME AND PHONE NUMBER _____

ADDRESS _____

COMPLETE THIS SECTION IF DATA ARE ON MAGNETIC TAPE

| | |
|--|--|
| <p>5. RECORDING MODE</p> <p><input type="checkbox"/> BCD <input type="checkbox"/> BINARY</p> <p><input type="checkbox"/> ASCII <input checked="" type="checkbox"/> EBCDIC</p> <p><input type="checkbox"/> _____</p> | <p>9. LENGTH OF INTER-RECORD GAP (IF KNOWN) <input type="checkbox"/> 3/4 INCH</p> <p><input checked="" type="checkbox"/> .6</p> |
| <p>6. NUMBER OF TRACKS (CHANNELS)</p> <p><input type="checkbox"/> SEVEN</p> <p><input checked="" type="checkbox"/> NINE</p> <p><input type="checkbox"/> _____</p> | <p>10. END OF FILE MARK</p> <p><input type="checkbox"/> OCTAL 17</p> <p><input checked="" type="checkbox"/> octal 23</p> |
| <p>7. PARITY</p> <p><input checked="" type="checkbox"/> ODD</p> <p><input type="checkbox"/> EVEN</p> | <p>11. PASTE-ON-PAPER LABEL DESCRIPTION (INCLUDE ORIGINATOR NAME AND SOME LAY SPECIFICATIONS OF DATA TYPE, VOLUME NUMBER)</p> <p>GEOSECS Operations Group</p> <p>CTD Data</p> <p>EL NINO WATCH Cruise</p> <p>GOG Ref. 34</p> |
| <p>8. DENSITY</p> <p><input type="checkbox"/> 200 BPI <input type="checkbox"/> 1600 BPI</p> <p><input type="checkbox"/> 556 BPI</p> <p><input checked="" type="checkbox"/> 800 BPI</p> <p><input type="checkbox"/> _____</p> | <p>12. PHYSICAL BLOCK LENGTH IN BYTES</p> <p>3200</p> <p>13. LENGTH OF BYTES IN BITS</p> <p>8</p> |

| 14. FIELD NAME | 15. POSITION FROM -1 MEASURED IN bytes (e.g., bits, bytes) | 16. LENGTH | | 17. ATTRIBUTES | 18. USE AND MEANING |
|--------------------------|--|------------|-------|----------------|--|
| | | NUMBER | UNITS | | |
| Cruise name | 0 | 20 | bytes | A20 | Name of cruise |
| Ship name | 20 | 20 | bytes | A20 | Name of ship |
| GOG reference | 40 | 4 | bytes | I4 | GEOSECS I.D. reference number |
| Station number | 44 | 4 | bytes | I4 | Number of station |
| Cast number | 48 | 2 | bytes | I2 | Number of cast |
| Up/Down indicator | 50 | 1 | bytes | I1 | Indicates data collected on up or down part of cast |
| Number of data record | 51 | 4 | bytes | I4 | Total number of logical data records for this station |
| Decimal latitude | 55 | 9 | bytes | F9.3 | Latitude in decimal degrees (N=+, S=-) |
| Decimal longitude | 63 | 9 | bytes | F9.3 | Longitude in decimal degrees (E=+, W=-) |
| Month | 72 | 2 | bytes | I2 | Month |
| Day | 74 | 2 | bytes | I2 | Day |
| Yr | 76 | 2 | bytes | I2 | Year (-1900) |
| Record type | 80 | 1 | bytes | I1 | Record type for header=1 |
| | | | | | |

RECORD NAME

[illegible]

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 (✓) | |
| Neil Brown CTD | | ✓ | | Instrument is calibrated by comparison with data from Niskin bottle samples on every cast | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
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| | | | | | | | | | |

.. ERROR CORRECTION DOCUMENTATION FORM

DATE:

TO: OC12

FROM: OC13

SUBJECT: Error Correction in Processing of Data Set - Accession # 7800703

- 1) File Type: C102 (Nansen/Electronic)
- 2) Project Ident.: 0078
- 3) ^{Ref} Track Nos.: 328528

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.: 7800703

Ref.
TRACK NO(s): 32, 528

| Type of Tape | Tape Number | Label | LRECL | BLKSIZE | RECFM | Remarks |
|--------------|-------------|-------|-------|---------|---------------------------------------|---------|
| Originator | NINÑO | NL | 80 | 3200 | 9- to 800 BPI EBCDIC | |
| Duplicate | W03140 | SL | 80 | 4000 | 9- to 1600 BPI ASCII | |
| Reformatted | | | | | | |
| First User | | | | | | |
| Final User | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |

ACCESSION/TRACK # 7800703/328528

| Step | Completion Date/Init. | | Tape # or DSN | # of Files | BLKSIZE | LRECL | # RECORDS |
|----------------------|-----------------------|--------------------|------------------|---------------|---------|-------|-----------|
| GENERATOR TAPE | 8/16/83 | 8/16/83 | N1NO | 184 | 3200 | 80 | |
| DI/SCAN TAPE | 8/16/83 | 8/16/83 | W03140 | 184 | 4000 | 80 | |
| SIGNED FOR PROCESS. | | | | | | | |
| EVALUATION | | | | | | | |
| QUALITY REVIEW | | | | | | | |
| ELIMINARY DATA SORT | | | | | | | |
| ELIMINARY MULCHEK | | | | | | | |
| FIRST USER TAPE | | | | | | | |
| WORK DISK FILE | | | | | | | |
| FINAL USER TAPE | | | | | | | |
| FINAL MULCHEK | | | | | | | |
| UNITED DISK FILE | | | | | | | |
| DATA SET "FINALIZED" | | | | | | | |

>C11 EQ 7800703

07/29/83 07:39:10

ACCESSION NUMBER 7800703

DATE RECEIVED 110278

REFERENCE = 328528 CRUISE = 34 DATES 021175-052775 DUC = 1

COUNTRY = 31 UNITED STATES

01-CA SCRIPPS INST OF OCEANOGRAPHY (LA JOLLA)

FILE-ALIAS = C102 OCEAN STATION DATA (NANSEN & ELECT)

PROJECT = 0078 IDOE/NORPAX

MEDIUM = 09 MAG TAPE DIG NODC

PLATFORM = MW MOANA WAVE

TYPE = SHIP

STATIONS-IN = 184 STATIONS-OUT = 0 RECORD COUNT = 0

STATUS: RES /SU SP H-PRO PROCESS DIP MASTER RETCOR

110278

110178

1 TRACK RECORD SELECTED