

DATA DOCUMENTATION FORM

NOAA FORM 24-13
(4-79)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.

079740-079742 C118

A. ORIGINATOR IDENTIFICATION

THIS SECTION MUST BE COMPLETED BY DONOR FOR ALL DATA TRANSMITTALS

| | | | |
|--|---|---|--|
| 1. NAME AND ADDRESS OF INSTITUTION, LABORATORY, OR ACTIVITY WITH WHICH SUBMITTED DATA ARE ASSOCIATED SCIENCE APPLICATIONS INTERNATIONAL CORPORATION MARITIME TECHNOLOGY GROUP/PHYSICAL OCEANOGRAPHY DIVISION 615 OBERLIN ROAD, SUITE 300 RALEIGH, NC 27605 | | | |
| 2. EXPEDITION, PROJECT, OR PROGRAM DURING WHICH DATA WERE COLLECTED LOUISIANA/TEXAS SHELF PHYSICAL OCEANOGRAPHY PROGRAM - TASK C - EDDY CIRCULATION STUDY MMS CONTRACT NO: 14-35-0001-30633 | | 3. CRUISE NUMBER(S) USED BY ORIGINATOR TO IDENTIFY DATA IN THIS SHIPMENT THREE AXBT OVER FLIGHTS: F02 SLOPE, F03 SEDDY, F04 LEDDY | |
| 4. PLATFORM NAME(S) | 5. PLATFORM TYPE(S) (E.G., SHIP, BUOY, ETC.) AIRCRAFT | 6. PLATFORM AND OPERATOR NATIONALITY(IES) PLATFORM OPERATOR USA USA | 7. DATES FROM: MO/DAY/YR TO: MO/DAY/YR 08/07/92 10/11/92 |
| 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. GENERAL AREA | |
| 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) | | | |
| 10. PERSON TO WHOM INQUIRIES CONCERNING DATA SHOULD BE ADDRESSED WITH TELEPHONE NUMBER (AND ADDRESS IF OTHER THAN IN ITEM-1) DR. TOM BERGER (919) 832-7242 | | | |

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 |
|--------------------|-------------------------|--|--|---|
| TEMPERATURE | °C | SPARTON Q-36 | NONE | ALL DATA INTERPOLATED TO 1M DEPTH INCREMENTS |
| DEPTH | M | | | |

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

NODC FILE TYPE 022
"HIGH RESOLUTION CTD/STD DATA"
APRIL 1985 VERSION

2. GIVE BRIEF DESCRIPTION OF FILE ORGANIZATION

3 FILES ON TAPE. 2 EOF'S DEFINE EOM (END-OF-MEDIUM)
FILE CONTAINS AXBT DATA FOR FLIGHTS:
F02SLOPE, F03SEDDY, F04LEDDY

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

4. RESPONSIBLE COMPUTER SPECIALIST:

NAME AND PHONE NUMBER SUSAN C. ROOT (919) 832-7242

ADDRESS SCIENCE APPLICATIONS INTERNATIONAL CORP., 615 OBERLIN RD., SUITE 300,
RALEIGH, NC 27605

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 checked="" type="checkbox"/> ASCII <input 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 type="checkbox"/> _____</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"/> IBM</p> |
| <p>7. PARITY</p> <p>(RS-232) <input type="checkbox"/> ODD</p> <p><input checked="" 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>SAIC/RALEIGH TAPE ID No:</p> <p>SPI443</p> |
| <p>8. DENSITY</p> <p><input type="checkbox"/> 200 BPI <input checked="" type="checkbox"/> 1600 BPI</p> <p><input type="checkbox"/> 556 BPI</p> <p><input type="checkbox"/> 800 BPI</p> <p><input type="checkbox"/> _____</p> | <p>12. PHYSICAL BLOCK LENGTH IN BYTES</p> <p>3600</p> <p>13. LENGTH OF BYTES IN BITS</p> <p>120</p> |

RECORD NAME NODC FILE TYPE 022 ** SEE ATTACHED **

RECORD NAME NODC FILE TYPE 022

*** SEE ATTACHED ***

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

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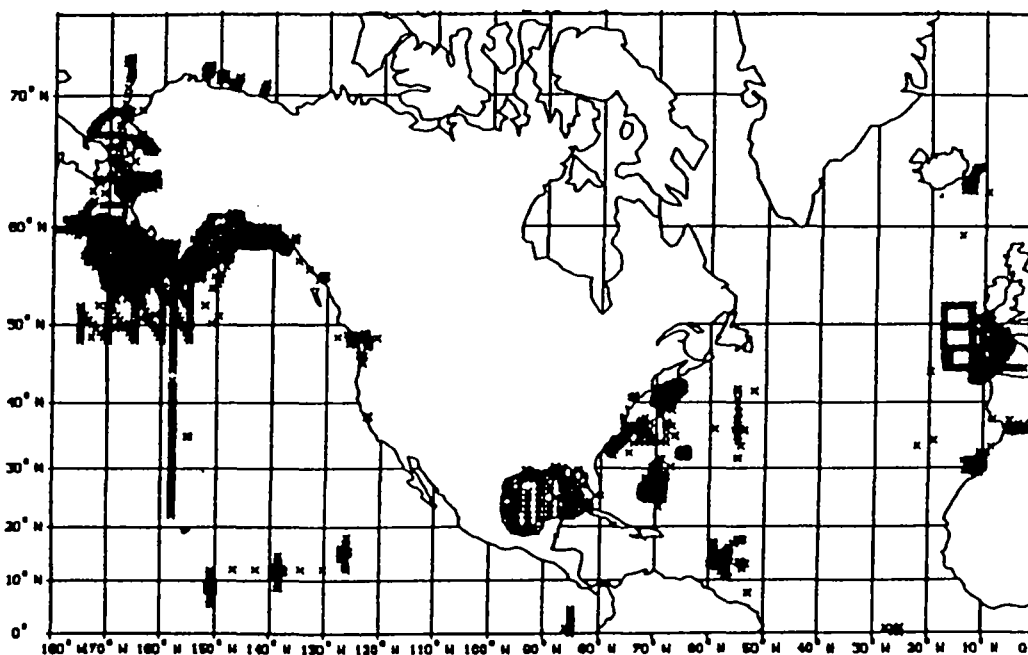
4.1.10 High-resolution CTD/STD Data (File 022)

Geographic coverage - Worldwide oceans

Time period - 1969 - present

Description -

This file contains high-resolution data collected using CTD (conductivity-temperature-depth) and STD (salinity-temperature-depth) instruments. As they are lowered and raised in the oceans, these electronic devices provide nearly continuous profiles of temperature, salinity, and other parameters. Data values may be subject to averaging or filtering or obtained by interpolation and may be reported at depth intervals as fine as 1 m. Cruise and instrument information, position, date, time, and sampling interval are reported for each station. Environmental data at the time of the cast (meteorological and sea surface conditions) may also be reported. The data record comprises values of temperature, salinity or conductivity, density (computed sigma-t), and possibly dissolved oxygen or transmissivity at specified depth or pressure levels. Data may be reported at either equally or unequally spaced depth or pressure intervals. A text record is available for comments. Note: During processing of these data, a "compressed" or low-resolution version of each cast is created by picking off data values at selected depth levels. The compressed CTD/STD records are stored in a separate data base (see Section 4.1.2) in the same format as oceanographic station (Nansen cast) data. The compressed data can be used like Nansen cast data in studies of gross ocean structure and features where the finer depth resolution of the original data records is not required.

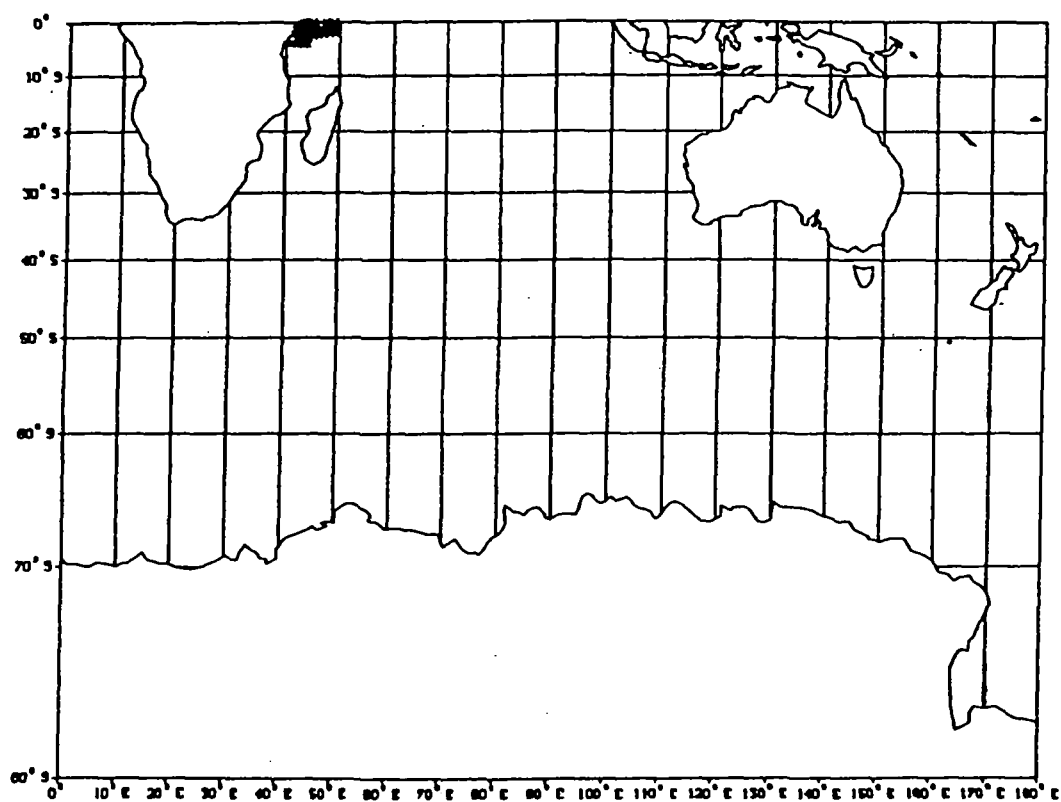
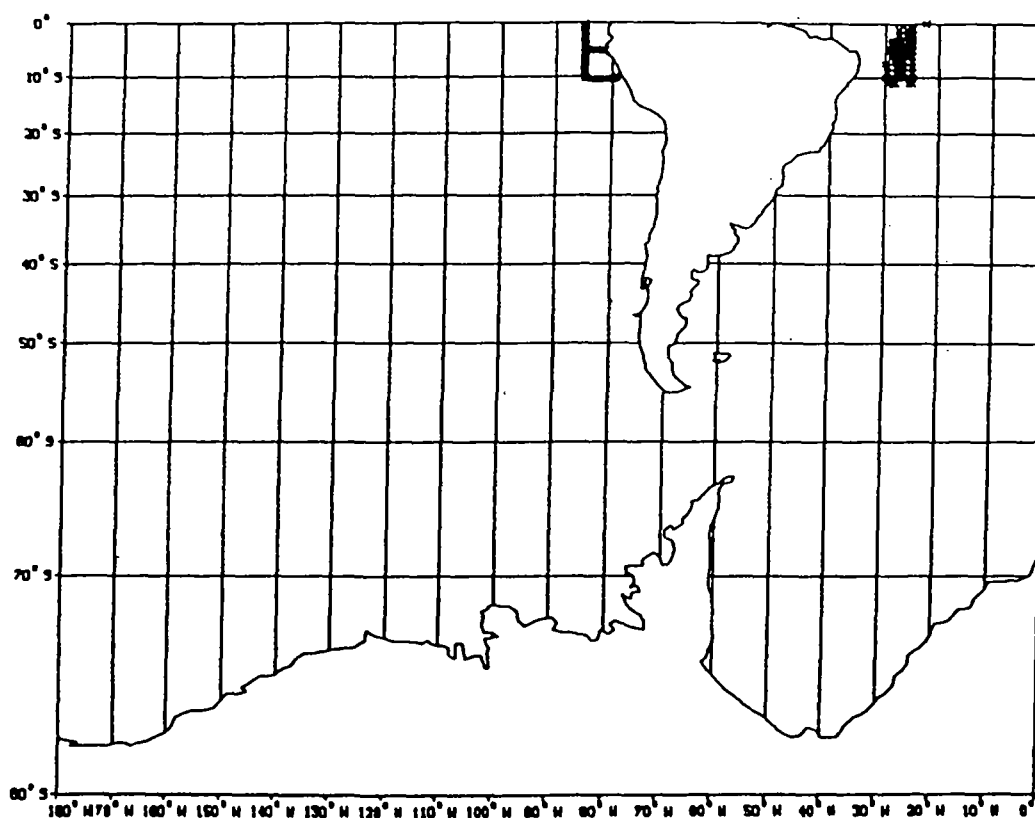


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File structure -

Eight 120-character records: (1) Text Record, (2) Master Record, (3) Detail Record 1, (4) Detail Record 2, (5) Detail Record 3, (6) Detail Record 4, (7) Detail Record 5, and (8) Detail Record 6.

File format -

CTD/STD Recorder Data (F022)

| PARAMETER | DESCRIPTION | SC |
|---------------------------|---|-----|
| TEXT RECORD | ALWAYS '1' | 10 |
| CAST NUMBER | FIVE-CHARACTER FIELD ASSIGNED BY THE ORIGINATOR - ALSO INCLUDED ON RECORD TYPES 2,3 AND 4 | 11 |
| TEXT | 100-CHARACTER FIELD - USED FOR COMMENTS OR PERTINENT INFORMATION | 16 |
| SEQUENCE NUMBER | XXXXX - USED FOR SORTING TEXT RECORDS | 116 |
| MASTER RECORD | ALWAYS '2' | 10 |
| CAST NUMBER | SEE RECORD '1' | 11 |
| LATITUDE | DDMMXX PLUS HEMISPHERE 'N' OR 'S' - MINUTES TO HUNDREDTHS | 16 |
| LONGITUDE | DDMMXX PLUS HEMISPHERE 'E' OR 'W' - MINUTES TO HUNDREDTHS | 23 |
| CRUISE IDENTIFICATION | TEN-CHARACTER FIELD ASSIGNED BY THE ORIGINATOR | 31 |
| NUMBER OF SCANS | XXXXX - USED TO INDICATE NUMBER OF SCANS PER STATION (FIVE/RECORD) | 41 |
| DATE (GMT) | YYMMDD | 46 |
| TIME (GMT) | XXXX (HOURS AND MINUTES) | 52 |
| SAMPLE INTERVAL INDICATOR | ONE-DIGIT CODE - USE CODE 0216 | 56 |
| SAMPLE INTERVAL | XXX - WHEN INDICATOR CODE=1 (EQUAL SPACED DEPTHS) - (METERS TO TENTHS) | 57 |
| BAROMETRIC PRESSURE | XXXXX (MILLIBARS TO TENTHS) | 60 |
| WET BULB TEMPERATURE | XXXX NEGATIVE TEMPERATURES ARE PRECEDED BY A MINUS SIGN ADJACENT TO TEMPERATURE VALUE - DEG C TO TENTHS | 65 |
| DRY BULB TEMPERATURE | XXXX NEGATIVE TEMPERATURES ARE PRECEDED BY A MINUS SIGN ADJACENT TO TEMPERATURE VALUE - DEG C TO TENTHS | 69 |
| WIND DIRECTION | XX - TWO-DIGIT CODE - WMO 885/887 DIRECTION FROM - USE CODE 0110 | 73 |
| WIND SPEED | XX (WHOLE KNOTS) | 75 |
| WEATHER | ONE-DIGIT CODE - WMO 4501 - USE CODE 0108 | 77 |
| SEA STATE | ONE-DIGIT CODE - WMO 3700 - USE CODE 0109 | 78 |
| VISIBILITY | ONE-DIGIT CODE - WMO 4300 - USE CODE 0157 | 79 |
| CLOUD TYPE | ONE-DIGIT CODE - WMO 0500 - USE CODE 0053 | 80 |
| CLOUD AMOUNT | ONE-DIGIT CODE - WMO 2700 - USE CODE 0105 | 81 |
| INSTRUMENT INFORMATION | TWENTY-CHARACTER FIELD FOR TYPE OF INSTRUMENT, SERIAL NUMBER, ETC | 82 |
| LOCATION NAME | SIX-CHARACTER NAME DETERMINED BY THE ORIGINATOR | 102 |

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| DEPTH TO BOTTOM | XXXXX (WHOLE METERS) | 108 |
| MAXIMUM DEPTH OF CAST | XXXX (WHOLE METERS) | 113 |
| BLANKS | | 117 |
| DETAIL RECORD 1 | ALWAYS '3' | 10 |
| CAST NUMBER | SEE RECORD '1' | 11 |
| DEPTH | XXXXX (METERS TO TENTHS) | 16 |
| TEMPERATURE | XXXXX NEGATIVE TEMPERATURES ARE PRECEDED BY A MINUS SIGN ADJACENT TO TEMPERATURE VALUE - DEG C TO THOUSANDTHS | 21 |
| SALINITY | XXXXX - PARTS PER THOUSAND TO THOUSANDTHS | 26 |
| SIGMA-T | XXXX - TO HUNDREDTHS | 31 |
| SCAN CONDITION | ONE-CHARACTER CODE INDICATING METHOD OF SCANNING DATA - USE CODE 0080 | 35 |
| DEPTH | XXXXX (METERS TO TENTHS) | 36 |
| TEMPERATURE | XXXXX NEGATIVE TEMPERATURES ARE PRECEDED BY A MINUS SIGN ADJACENT TO TEMPERATURE VALUE - DEG C TO THOUSANDTHS | 41 |
| SALINITY | XXXXX - PARTS PER THOUSAND TO THOUSANDTHS | 46 |
| SIGMA-T | XXXX - TO HUNDREDTHS | 51 |
| SCAN CONDITION | ONE-CHARACTER CODE INDICATING METHOD OF SCANNING DATA - USE CODE 0080 | 55 |
| DEPTH | XXXXX (METERS TO TENTHS) | 56 |
| TEMPERATURE | XXXXX NEGATIVE TEMPERATURES ARE PRECEDED BY A MINUS SIGN ADJACENT TO TEMPERATURE VALUE - DEG C TO THOUSANDTHS | 61 |
| SALINITY | XXXXX - PARTS PER THOUSAND TO THOUSANDTHS | 66 |
| SIGMA-T | XXXX - TO HUNDREDTHS | 71 |
| SCAN CONDITION | ONE-CHARACTER CODE INDICATING METHOD OF SCANNING DATA - USE CODE 0080 | 75 |
| DEPTH | XXXXX (METERS TO TENTHS) | 76 |
| TEMPERATURE | XXXXX NEGATIVE TEMPERATURES ARE PRECEDED BY A MINUS SIGN ADJACENT TO TEMPERATURE VALUE - DEG C TO THOUSANDTHS | 81 |
| SALINITY | XXXXX - PARTS PER THOUSAND TO THOUSANDTHS | 86 |
| SIGMA-T | XXXX - TO HUNDREDTHS | 91 |
| SCAN CONDITION | ONE-CHARACTER CODE INDICATING METHOD OF SCANNING DATA - USE CODE 0080 | 95 |
| DEPTH | XXXXX (METERS TO TENTHS) | 96 |
| TEMPERATURE | XXXXX NEGATIVE TEMPERATURES ARE PRECEDED BY A MINUS SIGN ADJACENT TO TEMPERATURE VALUE - DEG C TO THOUSANDTHS | 101 |
| SALINITY | XXXXX - PARTS PER THOUSAND TO THOUSANDTHS | 106 |
| SIGMA-T | XXXX - TO HUNDREDTHS | 111 |
| SCAN CONDITION | ONE-CHARACTER CODE INDICATING METHOD OF SCANNING DATA - USE CODE 0080 | 115 |
| SEQUENCE NUMBER | XXXXX - USED FOR SORTING DATA RECORDS | 116 |

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| DETAIL RECORD 2 | ALWAYS '4' | 10 |
| CAST NUMBER | SEE RECORD '1' | 11 |
| DEPTH | XXXXX (METERS TO TENTHS) | 16 |
| DISSOLVED OXYGEN | XXXXX - ML/L TO THOUSANDTHS | 21 |
| TRANSMISSIVITY | XXXXX (PERCENT TO THOUSANDTHS) | 26 |
| BLANKS | | 31 |
| SCAN CONDITION | ONE-CHARACTER CODE INDICATING METHOD OF | 35 |
| | SCANNING DATA - USE CODE 0080 | |
| DEPTH | XXXXX (METERS TO TENTHS) | 36 |
| DISSOLVED OXYGEN | XXXXX - ML/L TO THOUSANDTHS | 41 |
| TRANSMISSIVITY | XXXXX (PERCENT TO THOUSANDTHS) | 46 |
| BLANKS | | 51 |
| SCAN CONDITION | ONE-CHARACTER CODE INDICATING METHOD OF | 55 |
| | SCANNING DATA - USE CODE 0080 | |
| DEPTH | XXXXX (METERS TO TENTHS) | 56 |
| DISSOLVED OXYGEN | XXXXX - ML/L TO THOUSANDTHS | 61 |
| TRANSMISSIVITY | XXXXX (PERCENT TO THOUSANDTHS) | 66 |
| BLANKS | | 71 |
| SCAN CONDITION | ONE-CHARACTER CODE INDICATING METHOD OF | 75 |
| | SCANNING DATA - USE CODE 0080 | |
| DEPTH | XXXXX (METERS TO TENTHS) | 76 |
| DISSOLVED OXYGEN | XXXXX - ML/L TO THOUSANDTHS | 81 |
| TRANSMISSIVITY | XXXXX (PERCENT TO THOUSANDTHS) | 86 |
| BLANKS | | 91 |
| SCAN CONDITION | ONE-CHARACTER CODE INDICATING METHOD OF | 95 |
| | SCANNING DATA - USE CODE 0080 | |
| DEPTH | XXXXX (METERS TO TENTHS) | 96 |
| DISSOLVED OXYGEN | XXXXX - ML/L TO THOUSANDTHS | 101 |
| TRANSMISSIVITY | XXXXX (PERCENT TO THOUSANDTHS) | 106 |
| BLANKS | | 111 |
| SCAN CONDITION | ONE-CHARACTER CODE INDICATING METHOD OF | 115 |
| | SCANNING DATA - USE CODE 0080 | |
| SEQUENCE NUMBER | XXXXX - USED FOR SORTING DATA RECORDS | 116 |
| DETAIL RECORD 3 | ALWAYS '5' | 10 |
| CAST NUMBER | SEE RECORD '1' | 11 |
| DEPTH | XXXXX (METERS TO TENTHS) | 16 |
| TEMPERATURE | XXXXX NEGATIVE TEMPERATURES ARE PRECEDED BY A MINUS SIGN ADJACENT TO TEMPERATURE VALUE - DEG C TO THOUSANDTHS | 21 |
| CONDUCTIVITY | XXXXX (MMHO/CM TO THOUSANDTHS) | 26 |
| BLANKS | | 31 |
| SCAN CONDITION | ONE-CHARACTER CODE INDICATING METHOD OF | 35 |
| | SCANNING DATA - USE CODE 0080 | |
| DEPTH | XXXXX (METERS TO TENTHS) | 36 |
| TEMPERATURE | XXXXX NEGATIVE TEMPERATURES ARE PRECEDED BY A MINUS SIGN ADJACENT TO TEMPERATURE VALUE - DEG C TO THOUSANDTHS | 41 |
| CONDUCTIVITY | XXXXX (MMHO/CM TO THOUSANDTHS) | 46 |
| BLANKS | | 51 |
| SCAN CONDITION | ONE-CHARACTER CODE INDICATING METHOD OF | 55 |
| | SCANNING DATA - USE CODE 0080 | |
| DEPTH | XXXXX (METERS TO TENTHS) | 56 |
| TEMPERATURE | XXXXX NEGATIVE TEMPERATURES ARE PRECEDED BY A MINUS SIGN ADJACENT TO TEMPERATURE VALUE - DEG C TO THOUSANDTHS | 61 |
| CONDUCTIVITY | XXXXX (MMHO/CM TO THOUSANDTHS) | 66 |
| BLANKS | | 71 |
| SCAN CONDITION | ONE-CHARACTER CODE INDICATING METHOD OF | 75 |
| | SCANNING DATA - USE CODE 0080 | |
| DEPTH | XXXXX (METERS TO TENTHS) | 76 |
| TEMPERATURE | XXXXX NEGATIVE TEMPERATURES ARE PRECEDED BY A MINUS SIGN ADJACENT TO TEMPERATURE VALUE - DEG C TO THOUSANDTHS | 81 |
| CONDUCTIVITY | XXXXX (MMHO/CM TO THOUSANDTHS) | 86 |
| BLANKS | | 91 |

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| SCAN CONDITION | ONE-CHARACTER CODE INDICATING METHOD OF | 95 |
| DEPTH | SCANNING DATA - USE CODE 0080 | |
| TEMPERATURE | XXXXX (METERS TO TENTHS) | 96 |
| | XXXXX NEGATIVE TEMPERATURES ARE | 101 |
| | PRECEDED BY A MINUS SIGN ADJACENT TO | |
| | TEMPERATURE VALUE - DEG C TO THOUSANDTHS | |
| CONDUCTIVITY | XXXXX (MMHO/CM TO THOUSANDTHS) | 106 |
| BLANKS | | 111 |
| SCAN CONDITION | ONE-CHARACTER CODE INDICATING METHOD OF | 115 |
| SEQUENCE NUMBER | SCANNING DATA - USE CODE 0080 | |
| | XXXXX - USED FOR SORTING DATA RECORDS | 116 |
| DETAIL RECORD 4 | ALWAYS '6' | 10 |
| CAST NUMBER | SEE RECORD '1' | 11 |
| PRESSURE | XXXXX (DECIBARS TO TENTHS) | 16 |
| TEMPERATURE | XXXXX NEGATIVE TEMPERATURES ARE | 21 |
| | PRECEDED BY A MINUS SIGN ADJACENT TO | |
| | TEMPERATURE VALUE - DEG C TO THOUSANDTHS | |
| SALINITY | XXXXX - PARTS PER THOUSAND TO | 26 |
| | THOUSANDTHS | |
| SIGMA-T | XXXX - TO HUNDREDTHS | 31 |
| SCAN CONDITION | ONE-CHARACTER CODE INDICATING METHOD OF | 35 |
| | SCANNING DATA - USE CODE 0080 | |
| PRESSURE | XXXXX (DECIBARS TO TENTHS) | 36 |
| TEMPERATURE | XXXXX NEGATIVE TEMPERATURES ARE | 41 |
| | PRECEDED BY A MINUS SIGN ADJACENT TO | |
| | TEMPERATURE VALUE - DEG C TO THOUSANDTHS | |
| SALINITY | XXXXX - PARTS PER THOUSAND TO | 46 |
| | THOUSANDTHS | |
| SIGMA-T | XXXX - TO HUNDREDTHS | 51 |
| SCAN CONDITION | ONE-CHARACTER CODE INDICATING METHOD OF | 55 |
| | SCANNING DATA - USE CODE 0080 | |
| PRESSURE | XXXXX (DECIBARS TO TENTHS) | 56 |
| TEMPERATURE | XXXXX NEGATIVE TEMPERATURES ARE | 61 |
| | PRECEDED BY A MINUS SIGN ADJACENT TO | |
| | TEMPERATURE VALUE - DEG C TO THOUSANDTHS | |
| SALINITY | XXXXX - PARTS PER THOUSAND TO | 66 |
| | THOUSANDTHS | |
| SIGMA-T | XXXX - TO HUNDREDTHS | 71 |
| SCAN CONDITION | ONE-CHARACTER CODE INDICATING METHOD OF | 75 |
| | SCANNING DATA - USE CODE 0080 | |
| PRESSURE | XXXXX (DECIBARS TO TENTHS) | 76 |
| TEMPERATURE | XXXXX NEGATIVE TEMPERATURES ARE | 81 |
| | PRECEDED BY A MINUS SIGN ADJACENT TO | |
| | TEMPERATURE VALUE - DEG C TO THOUSANDTHS | |
| SALINITY | XXXXX - PARTS PER THOUSAND TO | 86 |
| | THOUSANDTHS | |
| SIGMA-T | XXXX - TO HUNDREDTHS | 91 |
| SCAN CONDITION | ONE-CHARACTER CODE INDICATING METHOD OF | 95 |
| | SCANNING DATA - USE CODE 0080 | |
| PRESSURE | XXXXX (DECIBARS TO TENTHS) | 96 |
| TEMPERATURE | XXXXX NEGATIVE TEMPERATURES ARE | 101 |
| | PRECEDED BY A MINUS SIGN ADJACENT TO | |
| | TEMPERATURE VALUE - DEG C TO THOUSANDTHS | |
| SALINITY | XXXXX - PARTS PER THOUSAND TO | 106 |
| | THOUSANDTHS | |
| SIGMA-T | XXXX - TO HUNDREDTHS | 111 |
| SCAN CONDITION | ONE-CHARACTER CODE INDICATING METHOD OF | 115 |
| | SCANNING DATA - USE CODE 0080 | |
| SEQUENCE NUMBER | XXXXX - USED FOR SORTING DATA RECORDS | 116 |

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|-----------------|---|-----|
| DETAIL RECORD 5 | ALWAYS '7' | 10 |
| CAST NUMBER | SEE RECORD '1' | 11 |
| PRESSURE | XXXXX (DECIBARS TO TENTHS) | 16 |
| TEMPERATURE | XXXXX NEGATIVE TEMPERATURES ARE PRECEDED BY A MINUS SIGN ADJACENT TO TEMPERATURE VALUE - DEG C TO THOUSANDTHS | 21 |
| CONDUCTIVITY | XXXXX (MMHO/CM TO THOUSANDTHS) | 26 |
| BLANKS | | 31 |
| SCAN CONDITION | ONE-CHARACTER CODE INDICATING METHOD OF SCANNING DATA - USE CODE 0080 | 35 |
| PRESSURE | XXXXX (DECIBARS TO TENTHS) | 36 |
| TEMPERATURE | XXXXX NEGATIVE TEMPERATURES ARE PRECEDED BY A MINUS SIGN ADJACENT TO TEMPERATURE VALUE - DEG C TO THOUSANDTHS | 41 |
| CONDUCTIVITY | XXXXX (MMHO/CM TO THOUSANDTHS) | 46 |
| BLANKS | | 51 |
| SCAN CONDITION | ONE-CHARACTER CODE INDICATING METHOD OF SCANNING DATA - USE CODE 0080 | 55 |
| PRESSURE | XXXXX (DECIBARS TO TENTHS) | 56 |
| TEMPERATURE | XXXXX NEGATIVE TEMPERATURES ARE PRECEDED BY A MINUS SIGN ADJACENT TO TEMPERATURE VALUE - DEG C TO THOUSANDTHS | 61 |
| CONDUCTIVITY | XXXXX (MMHO/CM TO THOUSANDTHS) | 66 |
| BLANKS | | 71 |
| SCAN CONDITION | ONE-CHARACTER CODE INDICATING METHOD OF SCANNING DATA - USE CODE 0080 | 75 |
| PRESSURE | XXXXX (DECIBARS TO TENTHS) | 76 |
| TEMPERATURE | XXXXX NEGATIVE TEMPERATURES ARE PRECEDED BY A MINUS SIGN ADJACENT TO TEMPERATURE VALUE - DEG C TO THOUSANDTHS | 81 |
| CONDUCTIVITY | XXXXX (MMHO/CM TO THOUSANDTHS) | 86 |
| BLANKS | | 91 |
| SCAN CONDITION | ONE-CHARACTER CODE INDICATING METHOD OF SCANNING DATA - USE CODE 0080 | 95 |
| PRESSURE | XXXXX (DECIBARS TO TENTHS) | 96 |
| TEMPERATURE | XXXXX NEGATIVE TEMPERATURES ARE PRECEDED BY A MINUS SIGN ADJACENT TO TEMPERATURE VALUE - DEG C TO THOUSANDTHS | 101 |
| CONDUCTIVITY | XXXXX (MMHO/CM TO THOUSANDTHS) | 106 |
| BLANKS | | 111 |
| SCAN CONDITION | ONE-CHARACTER CODE INDICATING METHOD OF SCANNING DATA - USE CODE 0080 | 115 |
| SEQUENCE NUMBER | XXXXX - USED FOR SORTING DATA RECORDS | 116 |

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| DETAIL RECORD 6 | ALWAYS '8' | 10 |
| CAST NUMBER | SEE RECORD '1' | 11 |
| PRESSURE | XXXXX - (DECIBARS TO TENTHS) | 16 |
| TEMPERATURE | XXXXX - DEG C TO THOUSANDTHS | 21 |
| SALINITY | XXXXX - PPT TO THOUSANDTHS | 26 |
| DISSOLVED OXYGEN | XXXX - MILLILITERS/LITER | 31 |
| SCAN CONDITION CODE | ONE-CHARACTER CODE - USE 0080 | 35 |
| PRESSURE | XXXXX - (DECIBARS TO TENTHS) | 36 |
| TEMPERATURE | XXXXX - DEG C TO THOUSANDTHS | 41 |
| SALINITY | XXXXX - PPT TO THOUSANDTHS | 46 |
| DISSOLVED OXYGEN | XXXX - MILLILITERS/LITER | 51 |
| SCAN CONDITION CODE | ONE-CHARACTER CODE - USE 0080 | 55 |
| PRESSURE | XXXXX - (DECIBARS TO TENTHS) | 56 |
| TEMPERATURE | XXXXX - DEG C TO THOUSANDTHS | 61 |
| SALINITY | XXXXX - PPT TO THOUSANDTHS | 66 |
| DISSOLVED OXYGEN | XXXX - MILLILITERS/LITER | 71 |
| SCAN CONDITION CODE | ONE-CHARACTER CODE - USE 0080 | 75 |
| PRESSURE | XXXXX - (DECIBARS TO TENTHS) | 76 |
| TEMPERATURE | XXXXX - DEG C TO THOUSANDTHS | 81 |
| SALINITY | XXXXX - PPT TO THOUSANDTHS | 86 |
| DISSOLVED OXYGEN | XXXX - MILLILITERS/LITER | 91 |
| SCAN CONDITION CODE | ONE-CHARACTER CODE - USE 0080 | 95 |
| PRESSURE | XXXXX - (DECIBARS TO TENTHS) | 96 |
| TEMPERATURE | XXXXX - DEG C TO THOUSANDTHS | 101 |
| SALINITY | XXXXX - PPT TO THOUSANDTHS | 106 |
| DISSOLVED OXYGEN | XXXX - MILLILITERS/LITER | 111 |
| SCAN CONDITION CODE | ONE-CHARACTER CODE - USE 0080 | 115 |
| SEQUENCE NUMBER | XXXXX - USED FOR SORTING DATA RECORDS | 116 |

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 (✓) | |
| SPARTON Q-36 | | | | | | | | | ✓ |
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Date of Entry: 03/05/93

| | | | |
|-----------------------|--|-----------------------|--------------|
| Accession No.: | 9200272 | Reference No.: | 079740 |
| Former Accession No.: | | Former Reference No.: | (Resub ONLY) |
| ----- | | | |
| Media-In (DINDB): | 09 - Digital Magnetic Tape | | |
| Exchange Format: | E125 - Aircraft Expendable Bathythermograph | | |
| Processing Format: | C118 - Universal Bathythermograph (UBT) Aircr. | | |

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

| | | | |
|-------------------------|---------------|------------------------|----------|
| Country/Institute Code: | 312H | Country/Platform Code: | 3191 |
| Platform Type (DINDB): | 01 - Aircraft | Orig. Cruise ID: | F02SLOPE |
| Cruise Start Date: | 08/07/92 | Project Code: | 0214 |
| Cruise End Date: | 08/09/92 | Data Use Code (DUC): | 3 |

Number of Stations: 34 Number of Records: 34

If stations/records not appropriate then:

Number: Units:

Ocean Area:

```
Code 1: 26      Meaning: Gulf of Mexico
Code 2:         Meaning:
Code 3:         Meaning:
```

DINDB Transaction Date:

Unique No.: 219914

Date of Entry: 03/05/93

DATA ENTRY INFORMATION SYSTEM
(DATASET INVENTORY - DINDB)

Accession No.: 9200272 Reference No.: 079741
Former Accession No.: Former Reference No.: (Resub ONLY)

Media-In (DINDB): 09 - Digital Magnetic Tape
Exchange Format: E125 - Aircraft Expendable Bathythermograph
Processing Format: C118 - Universal Bathythermograph (UBT) Aircr.

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

Country/Institute Code: 312H Country/Platform Code: 3191
Platform Type (DINDB): 01 - Aircraft Orig. Cruise ID: F03SEDDY
Cruise Start Date: 08/10/92 Project Code: 0214
Cruise End Date: 08/11/92 Data Use Code (DUC): 3

Number of Stations: 17 Number of Records: 17

 If stations/records not appropriate then:

 Number: Units:

Ocean Area:

 Code 1: 26 Meaning: Gulf of Mexico
 Code 2: Meaning:
 Code 3: Meaning:

DINDB Transaction Date:

Unique No.: 219915

Date of Entry: 03/05/93

DATA ENTRY INFORMATION SYSTEM
(DATASET INVENTORY - DINDB)

Accession No.: 9200272 Reference No.: 079742
Former Accession No.: Former Reference No.: (Resub ONLY)

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

Exchange Format: E125 - Aircraft Expendable Bathythermograph

Processing Format: C118 - Universal Bathythermograph (UBT) Aircr.

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

Country/Institute Code: 312H Country/Platform Code: 3191

Platform Type (DINDB): 01 - Aircraft Orig. Cruise ID: F04LEDDY

Cruise Start Date: 10/11/92 Project Code: 0214

Cruise End Date: 10/11/92 Data Use Code (DUC): 3

Number of Stations: 16 Number of Records: 16

 If stations/records not appropriate then:

 Number: Units:

Ocean Area:

 Code 1: 26 Meaning: Gulf of Mexico
 Code 2: Meaning:
 Code 3: Meaning:

DINDB Transaction Date:

ACCESSION NO. 9200272 FILETYPE C118

TRACK NO. 79740-79742

PROJECT IDENTIFICATION LATEX C
0214

67 AXBT Drops

| STEP | DATE | INIT. | TAPE OR DISK DSN | NO. FILES | RECL | BLK | SIZE | RECORDS |
|--|----------|--------|---------------------|--------------|------|------|------|---------|
| ORIG. TAPE | 11-11-92 | F>M | D00909(A01622) | 3 | 120 | 3600 | | 9,586 |
| DUPLICATE TAPE TAPE <u>DAMUS DISK</u> | 11-13-92 | F>M | * | | | | | |
| REFORMATTED TAPES | 2-26-93 | R.P.S. | ** | 3 | V | V | | 67 |
| REFORMATTED DISK | | | | | | | | |
| FIRST MULCHEK | | | | | | | | |
| FINAL MULCHEK | | | | | | | | |
| MPD75 OR F022 | | | | | | | | |
| DATA SET FINALIZED | | | | | | | | |

~~ERRORS REPORTED TO PRINCIPAL INVESTIGATOR:~~

* = DNODC*9200272DAT1.
↓ *9200272DAT2.
↓ *9200272DAT3.

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

** DNODC*SAIC1AXBTOUT. W74926
DNODC*SAIC2AXBTOUT. W74933
DNODC*SAIC3AXBTOUT. W74937

COMMENTS (TRACKS DELETED, FIELDS DELETED, ETC.)



Science Applications International Corporation
An Employee-Owned Company

November 11, 1992

Mr. Francis Mitchell
NOAA/NODC D781
1825 Connecticut Avenue, NW
Room 416
Washington, DC 20235

Dear Mr. Mitchell:

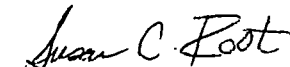
Enclosed please find one (1) magnetic data tape (SAIC ID number: SP1443) and associated documentation. As required by MMS contract number 14-35-0001-30633, this is an interim submission of hydrographic data for the Louisiana/Texas Shelf Physical Oceanography Program - Task C - Eddy Circulation Study. This submission includes data for F02SLOPE, F03SEDDY and F04LEDDY. The tape has the following characteristics:

1600 BPI
ASCII
3 files
Blocksize = 3600
Record Length = 120

A final submission containing all hydrographic data for the program will be sent at the program's conclusion.

Should you have any questions or require additional information, please feel free to contact me.

Sincerely,


Susan C. Root
Data Analyst

enc:as

cc: T. Berger/SAIC
M. Brown/MMS
D. Smith/SAIC

9200272
Aφ1622
Dφφ909

Password:

| accNo | fleA | refNo | proj | inst | ship | startDate | cruise | catId |
|---------|------|--------|------|------|------|------------|----------|--------|
| 9200272 | C118 | 079740 | 0214 | 312H | 3191 | 1992/08/07 | F02SLOPE | 211281 |
| 9200272 | C118 | 079741 | 0214 | 312H | 3191 | 1992/08/10 | F03SEDDY | 211282 |
| 9200272 | C118 | 079742 | 0214 | 312H | 3191 | 1992/10/11 | F04LEDDY | 211283 |

(3 rows affected)

Password:

| accNo | fleA | refNo | ship | staCnt | recCnt | startDate | endDate |
|---------|------|--------|------|--------|--------|-----------|----------|
| 9200272 | C118 | 079740 | 3191 | 34 | 34 | 92/08/07 | 92/08/09 |
| 9200272 | C118 | 079741 | 3191 | 17 | 17 | 92/08/10 | 92/08/11 |
| 9200272 | C118 | 079742 | 3191 | 16 | 16 | 92/10/11 | 92/10/11 |

(3 rows affected)