

| ACCESS<br>NUMBER | REF<br>NUMBER | FILE<br>TYPE | PROJ<br>CODE | INST | PLAT | CRUISE<br>NO | CRUISE<br>START | CRUISE<br>END | NUM<br>STA | NUM<br>REC |
|------------------|---------------|--------------|--------------|------|------|--------------|-----------------|---------------|------------|------------|
| 9200089          | 079402        | C118         | 0201         | 31J3 | 3191 |              | 04/21/89        | 04/21/89      | 15         | 15         |
| 9200089          | 079403        | C118         | 0201         | 31J3 | 3191 |              | 04/25/89        | 04/25/89      | 1          | 1          |
| 9200089          | 079404        | C118         | 0201         | 31J3 | 3191 |              | 04/26/89        | 04/26/89      | 16         | 16         |
| 9200089          | 079405        | C118         | 0201         | 31J3 | 3191 |              | 05/02/89        | 05/02/89      | 8          | 8          |
| 9200089          | 079406        | C118         | 0201         | 31J3 | 3191 |              | 05/10/89        | 05/10/89      | 34         | 34         |
| 9200089          | 079407        | C118         | 0201         | 31J3 | 3191 |              | 05/13/89        | 05/13/89      | 40         | 40         |
| 9200089          | 079408        | C118         | 0201         | 31J3 | 3191 |              | 05/18/89        | 05/18/89      | 17         | 17         |
| 9200089          | 079409        | C118         | 0201         | 31J3 | 3191 |              | 05/21/89        | 05/21/89      | 24         | 24         |
| 9200089          | 079410        | C118         | 0201         | 31J3 | 3191 |              | 05/29/89        | 05/29/89      | 27         | 27         |
| 9200089          | 079411        | C118         | 0201         | 31J3 | 3191 |              | 06/03/89        | 06/03/89      | 6          | 6          |

188

50  
189  
23-9

ACCESSION NO. 9200089 FILETYPE C118

TRACK NO. 79402-44 PROJECT IDENTIFICATION NAB / JGDFS

| STEP   | DATE    | INIT.  | TAPE OR DISK DSN    | NO. FILES | RECL | BLK SIZE | NO. RECORDS |
|--|---------|--------|---------------------|-----------|------|----------|-------------|
| ORIG. TAPE                                       | 4-22-92 | FJM    | Diskette            | 239       | ✓    | ✓        |             |
| DUPLICATE TAPE <del>DISK</del> <u>DAMUS DISK</u> | 5-20-92 | ↓      | *                   | 3         |      |          |             |
| REFORMATTED TAPE                                 | 5-26-92 | R.P.S. | <del>W62155</del> * | 1         | ✓    | ✓        | 188         |
| REFORMATTED DISK                                 |         |        | W61508 *            |           |      |          |             |
| FIRST MULCHEK                                    |         |        |                     |           |      |          |             |
| FINAL MULCHEK                                    |         |        |                     |           |      |          |             |
| MPD75 OR F022                                    |         |        |                     |           |      |          |             |
| DATA SET FINALIZED                               |         |        |                     |           |      |          |             |

ERRORS REPORTED TO PRINCIPAL INVESTIGATOR: \* DNODC \* P3AXBTDAT.  
↓  
\* P3AXBTDAT2.  
\* P3AXBTDAT3.

ADDITIONAL ERRORS/CORRECTIONS (NOT REPORTED TO P.I.) \* \* LABEL: DNODC \* BLOOMOUT.

COMMENTS (TRACKS DELETED, FIELDS DELETED, ETC.)

## TRANSMITTAL AND RECEIPT RECORD

(Please sign and return carbon copy acknowledging receipt)

TO:

National Oceanographic Data Ctr.  
1825 Connecticut Ave., NW  
Washington, D.C. 20235

REFER TO

9200089

ATTENTION

Dr. Tony Picciolo

THE ITEM(S) LISTED BELOW WERE FORWARDED TO YOU BY

☐ ORDINARY  
MAIL☐ REGISTERED  
MAIL☐ AIR  
MAIL☐ CERTIFIED  
MAIL☐ GOVERNMENT  
TRUCK☐ BY HAND☐ OTHER

The enclosed envelopes (3) contain Bio-Optical and AXBT profile data taken during the JGOFS, North Atlantic Bloom Experiment by U.S. investigators.

- a..Bio-Optical profile data, Atlantis II cr 119 leg 5, Dr. Charles Trees, San Diego State Univ., 3 data disks, 30 files, ASCII, disk directory, sample data dump, documentation.
- b..Bio-Optical profile data, Atlantis II cr 119 leg 4, Dr. W. Joe Rhea, Jet Propulsion Lab., 1 data disk, 15 files, ASCII, disk directory, sample data dump, documentation.
- c..NASA P3 aircraft AXBT data, 10 flights Apr-Jun 1989, Dr. Frank Hoge, NASA, Wallops Island, 1 data disk, 10 directories, 191 files, 1 file per axbt drop, ASCII, disk directory, sample data dump, documentation.

cc: JGOFS Exec.  
N.Andersen



FORWARDED BY (Signature)

George Helmerdinger

TITLE

JGOFS Data Manager

DATE FORWARDED

04/15/9

RECEIVED BY (Signature)

TITLE

DATE RECEIVED

DIR 21 APR 89

10 FLIGHTS APR-JUN 1989

FILE 133306.DAT

95000589

iday 04-21-1989 13:33:06 46 10.98N 046 28.40W 133306.xbt 880-36 ch.12

|      |      |
|------|------|
| .0   | 3.86 |
| 1.4  | 3.80 |
| 2.8  | 3.80 |
| 4.2  | 3.74 |
| 5.7  | 3.86 |
| 7.1  | 3.80 |
| 8.5  | 3.74 |
| 9.9  | 3.74 |
| 11.3 | 3.74 |
| 12.7 | 3.86 |
| 14.1 | 3.74 |
| 15.6 | 3.80 |
| 17.0 | 3.80 |
| 18.4 | 3.74 |
| 19.8 | 3.80 |
| 21.2 | 3.74 |
| 22.6 | 3.86 |
| 24.0 | 3.86 |
| 25.4 | 3.74 |
| 26.8 | 3.80 |
| 28.2 | 3.74 |
| 29.6 | 3.74 |
| 31.1 | 3.74 |
| 32.5 | 3.80 |
| 33.9 | 3.74 |
| 35.3 | 3.74 |
| 36.7 | 3.68 |
| 38.1 | 3.74 |
| 39.5 | 3.74 |
| 40.9 | 3.74 |
| 42.3 | 3.74 |
| 43.7 | 3.74 |
| 45.1 | 3.68 |
| 46.5 | 3.68 |
| 47.9 | 3.62 |
| 49.3 | 3.74 |
| 50.8 | 3.74 |
| 52.2 | 3.62 |
| 53.6 | 3.68 |
| 55.0 | 3.74 |
| 56.4 | 3.74 |
| 57.8 | 3.74 |
| 59.2 | 3.80 |
| 60.6 | 3.80 |
| 62.0 | 3.80 |
| 63.4 | 3.74 |
| 64.8 | 3.86 |
| 66.2 | 3.80 |
| 67.6 | 3.86 |
| 69.0 | 3.97 |
| 70.4 | 3.86 |
| 71.8 | 3.97 |
| 73.2 | 3.91 |
| 74.6 | 3.97 |
| 76.0 | 3.97 |

NASA P3 AXBT DATA  
10 FLIGHTS APR-JUN 1989  
DR. FRANK HOGE  
NASA, WOLLOPS ISLAND  
DIRECTORY DATA DISK

Volume in drive B has no label  
Directory of B:\

|            |       |        |            |        |
|------------|-------|--------|------------|--------|
| README     | XBT   | 1733   | 03-18-92   | 10:45a |
| 21APR89    | <DIR> |        | 04-15-92   | 8:38a  |
| 25APR89    | <DIR> |        | 04-15-92   | 8:38a  |
| 26APR89    | <DIR> |        | 04-15-92   | 8:38a  |
| 02MAY89    | <DIR> |        | 04-15-92   | 8:39a  |
| 10MAY89    | <DIR> |        | 04-15-92   | 8:39a  |
| 13MAY89    | <DIR> |        | 04-15-92   | 8:41a  |
| 18MAY89    | <DIR> |        | 04-15-92   | 8:42a  |
| 21MAY89    | <DIR> |        | 04-15-92   | 8:43a  |
| 29MAY89    | <DIR> |        | 04-15-92   | 8:44a  |
| 03JUN89    | <DIR> |        | 04-15-92   | 8:45a  |
| 11 file(s) |       | 1733   | bytes      |        |
|            |       | 862720 | bytes free |        |

Dump  
README.XBT

NASA P3 AXBT  
10 FLIGHTS APR-JUN  
DR. FRANK HOGE

The following documentation is for the NASA P3 AXBT data collected by Dr. Frank Hoge, NASA, Wallops Island, during the JGOFS North Atlantic Bloom Experiment. The data from each flight are stored in separate directories. The directory name reflects the date of the flight. Within each directory, the AXBT file name reflects the deployment time in hours, minutes and seconds. The format for the AXBT data consists of two record types (header and data). The first record (header record) of each file/observation contains the following variables:

- Name of Day
- Date (month-day-year)
- Time (hour:minutes:seconds)
- Latitude (degrees and minutes to hundredths)
- Latitude hemisphere (N or S)
- Longitude (degrees and minutes to hundredths)
- Longitude hemisphere (E or W)
- Original external file name (time (z).XBT)
- Instrument ID used by NASA
- Channel ID used by NASA

Data records follow the single header record until end of file.

- Depth in meters
- Temperature in deg. C to hundredths

The AXBT data were collected using two different recording rates (high and low resolution). The high resolution observations, those observations containing a "z" in the file name, are reported as one meter bin averaged data. The low resolution data were recorded at approximately 1.4 meter intervals. These data are reported as recorded.

\* All of these AXBT observations have been reprocessed. As a result, the original file name has been changed to identify the original from the reprocessed. Only the file name suffix has been changed. The time portion of the name has not been altered and should agree with the external file name.

Password:

| accNo   | fleA | refNo  | proj | inst | ship | startDate  | cruise   | catId  |
|---------|------|--------|------|------|------|------------|----------|--------|
| 9200089 | C118 | 079402 | 0201 | 31J3 | 3191 | 1989/04/21 | NULL     | 205580 |
| 9200089 | C118 | 079403 | 0201 | 31J3 | 3191 | 1989/04/25 | NULL     | 205581 |
| 9200089 | C118 | 079404 | 0201 | 31J3 | 3191 | 1989/04/26 | NULL     | 205582 |
| 9200089 | C118 | 079405 | 0201 | 31J3 | 3191 | 1989/05/02 | NULL     | 205583 |
| 9200089 | C118 | 079406 | 0201 | 31J3 | 3191 | 1989/05/10 | NULL     | 205584 |
| 9200089 | C118 | 079407 | 0201 | 31J3 | 3191 | 1989/05/13 | NULL     | 205585 |
| 9200089 | C118 | 079408 | 0201 | 31J3 | 3191 | 1989/05/18 | NULL     | 205586 |
| 9200089 | C118 | 079409 | 0201 | 31J3 | 3191 | 1989/05/21 | NULL     | 205587 |
| 9200089 | C118 | 079410 | 0201 | 31J3 | 3191 | 1989/05/29 | NULL     | 205588 |
| 9200089 | C118 | 079411 | 0201 | 31J3 | 3191 | 1989/06/03 | NULL     | 205589 |
| 9200089 | L129 | L01470 | 0201 | 31J3 | 3191 | 1992/03/18 | NULL     | 205590 |
| 9200089 | L147 | L01471 | 0201 | 31JP | 31AN | 1989/04/25 | 119,     | 205591 |
| 9200089 | L147 | L01472 | 0201 | 31SD | 31AN | 1989/05/15 | 119,LEG- | 205592 |

(13 rows affected)

Password:

| accNo   | fleA | refNo  | ship | staCnt | recCnt | startDate | endDate  |
|---------|------|--------|------|--------|--------|-----------|----------|
| 9200089 | C118 | 079402 | 3191 | 15     | 15     | 89/04/21  | 89/04/21 |
| 9200089 | C118 | 079403 | 3191 | 1      | 1      | 89/04/25  | 89/04/25 |
| 9200089 | C118 | 079404 | 3191 | 16     | 16     | 89/04/26  | 89/04/26 |
| 9200089 | C118 | 079405 | 3191 | 8      | 8      | 89/05/02  | 89/05/02 |
| 9200089 | C118 | 079406 | 3191 | 34     | 34     | 89/05/10  | 89/05/10 |
| 9200089 | C118 | 079407 | 3191 | 40     | 40     | 89/05/13  | 89/05/13 |
| 9200089 | C118 | 079408 | 3191 | 17     | 15     | 89/05/18  | 89/05/18 |
| 9200089 | C118 | 079409 | 3191 | 24     | 24     | 89/05/21  | 89/05/21 |
| 9200089 | C118 | 079410 | 3191 | 27     | 27     | 89/05/29  | 89/05/29 |
| 9200089 | C118 | 079411 | 3191 | 6      | 6      | 89/06/03  | 89/06/03 |
| 9200089 | L129 | L01470 | 3191 | 191    | 191    | 92/03/18  | 92/04/15 |
| 9200089 | L147 | L01471 | 31AN | 15     | NULL   | 89/04/25  | 89/05/08 |
| 9200089 | L147 | L01472 | 31AN | 30     | NULL   | 89/05/15  | 89/06/08 |

(13 rows affected)