

ACCESSION
NUMBER

8600317

DATA DOCUMENTATION FORM

TT6436 F144

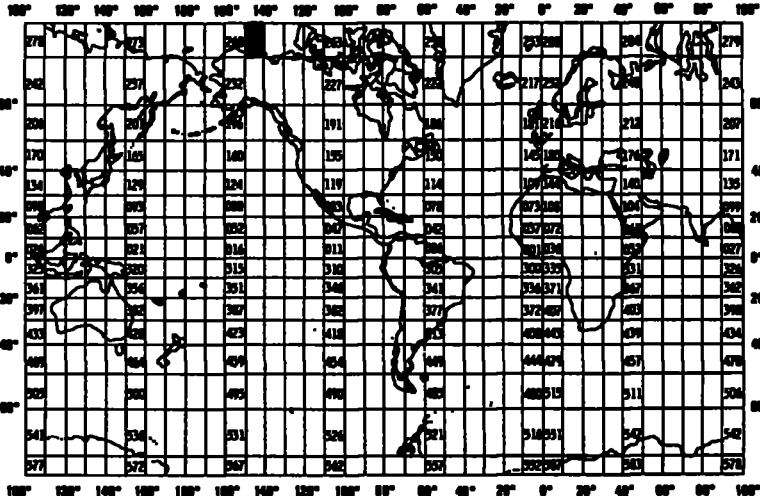
NOAA FORM 24-13
(2-85)U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL OCEANOGRAPHIC DATA CENTER
RECORDS SECTION
WASHINGTON, DC 20238FORM APPROVED
O.M.B. No. 0648-0024
EXPIRES 2/29/87

(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.

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 BATTELLE DEPARTMENT OF OCEAN SCIENCE AND TECHNOLOGY 397 Washington St. Duxbury, MA 02332 | | | |
| 2. EXPEDITION, PROJECT, OR PROGRAM DURING WHICH DATA WERE COLLECTED Minerals Management Service Beaufort Sea Monitoring Program | | 3. CRUISE NUMBER(S) USED BY ORIGINATOR TO IDENTIFY DATA IN THIS SHIPMENT BSMP2 | |
| 4. PLATFORM NAME(S) R/V 1273 (NOAA) | 5. PLATFORM TYPE(S) (E.G., SHIP, BUOY, ETC.) Ship | 6. PLATFORM AND OPERATOR NATIONALITY(IES) U.S. U.S. | 7. DATES FROM: MO/DAY/YR TO: MO/DAY/YR 08/09/85 09/01/85 |
| 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. P.D. Boehm (617) 934-5682 | | | |

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

| 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 |
|-------------------------|----------------------------|--|---|---|
| Parameter_concentration | NODC_0377 | | HP 5880A Gas Chromatograph Finnegan 4530 GC/MS Perkin-Elmer 5000 AAS Princeton Gamma Tech. Ge(Li) diode gamma spectr. | |

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

The file named Beaufort.FT144 is organized in accordance with NODC File Type 144.
See NODC Users' Guide for a complete format description.

2. GIVE BRIEF DESCRIPTION OF FILE ORGANIZATION

The file is written at a density = 1600 bpi
 blocksize = 800
 reclength = 80
 number of records = ~~4151~~ 4151
 non-labelled

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

4. RESPONSIBLE COMPUTER SPECIALIST:

NAME AND PHONE NUMBER Thomas Gulbransen (617) 934-5682
ADDRESS BATTELLE 397 Washington St. Duxbury MA 02332

COMPLETE THIS SECTION IF DATA ARE ON MAGNETIC TAPE

| | |
|--|---|
| 5. RECORDING MODE <input type="checkbox"/> BCD <input type="checkbox"/> BINARY <input checked="" type="checkbox"/> ASCII <input type="checkbox"/> EBCDIC <input type="checkbox"/> _____ | 9. LENGTH OF INTER-RECORD GAP (IF KNOWN) <input type="checkbox"/> 3/4 INCH <input type="checkbox"/> _____ |
| 6. NUMBER OF TRACKS (CHANNELS) <input type="checkbox"/> SEVEN <input checked="" type="checkbox"/> NINE <input type="checkbox"/> _____ | 10. END OF FILE MARK <input type="checkbox"/> OCTAL 17 <input type="checkbox"/> _____ |
| 7. PARITY <input type="checkbox"/> ODD <input type="checkbox"/> EVEN | 11. PASTE-ON-PAPER LABEL DESCRIPTION (INCLUDE ORIGINATOR NAME AND SOME LAY SPECIFICATIONS OF DATA TYPE, VOLUME NUMBER) BEAUFORT.FT144 Dr. Paul Boehm NODC File Type 144 |
| 8. DENSITY <input type="checkbox"/> 200 BPI <input checked="" type="checkbox"/> 1600 BPI <input type="checkbox"/> 556 BPI <input type="checkbox"/> 800 BPI <input type="checkbox"/> _____ | |
| | 12. PHYSICAL BLOCK LENGTH IN BYTES 800 |
| | 13. LENGTH OF BYTES IN BITS 8 |

RECORD FORMAT DESCRIPTION

RECORD NAME _____

| 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 | | |
| SEE NODC USERS" GUIDE FOR FILE TYPE 144 DESCRIPTION AND FORMAT SPECIFICATIONS | | | | | |

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 <small>(e.g., bits, bytes)</small> | 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 (✓) | |
| | | | | | | | | | |
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| | | | | | | | | | |

TO: E/OC12 - C. Noa
E/OC11 - P. Hadsell

FROM: E/OC13 - A. Picciolo

DATE: February 4, 1987

SUBJECT: Data Transfer

The following listed data sets have been transferred as indicated:

ARCHIVES BRANCH (E/OC11)

Current Meters (F005)

Acc: 8600237 Ref: TT8016 - 8037 22 stations 26,023 records NOS

Pollution (F144)

Acc: 8600317 Ref: TT6436 49 stations 4590 records NOAA small craft

C/STD (F022/C022)

Acc: 8700052 Ref: TT8525/319685 17 stations 1300 records ALPHA HELIX

DATA PROCESSING BRANCH (E/OC12) XBT's

cc: E/OC1 - I. Perlroth

***** Record 13456 in INVENTORY *****

015757

DATA ENTRY INFORMATION SYSTEM
(DATASET INVENTORY)

FJM

OF ENTRY: 02/04/87

REFERENCE NUMBER: TT6436

ACCESSION NUMBER: 8600317

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

INVENTORY

MEDIA-IN: 01 - Digital Magnetic Tape DINDB CODE 09

EXCHANGE (FORMAT): E059 - Marine Toxic Substances (F144)

PROCESSING (FORMAT): F144 - Marine Toxic Substances and Pollutants

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

INSTITUTE (COUNTRY AND INSTITUTE CODES): 31BE

PLATFORM (COUNTRY AND PLATFORM CODES): 3292

PLATFORM TYPE: 9 - Ship DINDB CODE 09

ORIGINATORS FILE ID: _____

ORIGINATORS CRUISE ID: _____

CRUISE START DATE: 08/09/85

CRUISE END DATE: 09/01/85

Press PgDn

PROJECT CODE: _____

DATA USE CODE (DUC): 3

to continue

VOLUME - NUMBER OF STATIONS: 49 NUMBER OF RECORDS: 4,590

If STA/REC counts are not appropriate then enter -

NUMBER: _____ UNITS: _____

AVERAGE REC SIZE: 80 MBYTES: 0.367200

OCEAN AREA

CODE 1: 13

MEANING: Beaufort Sea

CODE 2: _____

MEANING: _____

CODE 3: _____

MEANING: _____

DINDB TRACK TRANSACTION GENERATED: / /

ACCESSION NO. 8600317 FILETYPE 144 TRACK NO. TT6436 PROJECT IDENTIFICATION _____

MNS ACS

| STEP | DATE | INIT. | TAPE OR DISK DSN | NO. FILES | RECL | BLK SIZE | NO. RECORDS |
|--------------------|----------|-------|-----------------------|--------------|------|----------|----------------|
| ORIG. TAPE | 10/24/86 | K | R00324 - B5MP-2 | 1 | 80 | 8000 | 4500 |
| DUPLICATE TAPE | 10/24/86 | K | W01566 | 1 | 80 | 8000 | 4500 |
| REFORMATTED TAPE | | | | | | | |
| REFORMATTED DISK | 12/16/86 | RPS | DNODC * BATTELLE OUT. | 1 | 80 | 224 | 4590 |
| 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.)

TRANSMITTAL AND RECEIPT RECORD

(Please sign and return carbon copy acknowledging receipt)

TO: National Oceanographic Data Center
1825 Connecticut Ave., NW
Universal Bldg.
Washington, D.C. 20235

REFER TO

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 reel of tape (BSMP-2) contains the analysis of trace metals and hydrocarbons for the second year of the Beaufort Sea Monitoring Program. These data have been formatted to the NODC FT-144 format. The data tape has been screened for compliance with data format and tape specifications.

- a..Tape BSMP-2, 9track, 1600, ASCII, recsize=80, blksize=8000
- b..Originator supplied Data Documentation Form
- c..Sample tape dump
- d..Originator's letter of transmittal

cc: T. Gulbransen, Battelle

ACC: 86 00317

FORWARDED BY (Signature)

George Heimendinger

TITLE

NODC Northeast Service Center Rep.

DATE FORWARDED

Sept. 11, 86

RECEIVED BY (Signature)

TITLE

DATE RECEIVED

9/29/86

8600317
A00324



Battelle

New England Marine Research Laboratory
397 Washington Street
Duxbury, Massachusetts 02332
Telephone (617) 934-5682

September 5, 1986

Mr. George Heimerdinger
National Oceanographic Data Center
Northeast Liaison Office, WHOI
McLean Laboratory
Woods Hole, MA 02543

Dear George,

Enclosed is a tape containing data collected and produced by Battelle Memorial Institute's Department of Ocean Science and Technology on Minerals Management Service Contract No. 14-12-0001-30163 "Beaufort Sea Monitoring Program: Analysis of Trace Metals and Hydrocarbons from the Outer Continental Shelf (OCS) Activities." A DDF for the data is also enclosed. The tape is submitted for your review to insure that it is acceptable to NODC specifications. This tape represents a deliverable for the above contract (Year 2 Second Level Inventory).

There is a label on the tape casing which describes the format of the tape. The format of the data file on the tape is in accordance with NODC File Type 144. Some additional types of data, which are outside of the File Type 144 format, have been included, as directed by Bob Gelfeld, in the form of Text (T) records.

This tape includes the advised data edits that you pointed out in our conversation on August 25, 1986. These include the addition of hemisphere indicators, plus signs on positive exponents, and survey dates.

I would appreciate notification when you receive the tape. If you have any further questions concerning these data please contact me at (617) 934-5682 ext.83. Thanks again.

Sincerely,


Thomas Gulbransen
Research Scientist

enclosure

xc: J. Geiselman
J. Petrino

| | | | | | |
|--------------------------------|---------------------------|--|-------------------------------------|----------|--------------------|
| SER NAME F. MITCHELL | PHONE # 673-543 | ORG/TASK # E/OCL3 8N3839 | DATE SUBMITTED 10-7-86 | DATE DUE | BIN # 33 |
|--------------------------------|---------------------------|--|-------------------------------------|----------|--------------------|

EQUIPMENT TO BE USED AND FUNCTION TO BE PERFORMED

VAX SLOOPY & SCAN

| | |
|--|---|
| INPUT MEDIUM PAPER CARD DISK TAPE DISKETTE OTHER(SPECIFY) | OUTPUT MEDIUM CARD DISK PRINT TAPE PLOT DISKETTE OTHER(SPECIFY) |
|--|---|

TAPE/DISKETTE INFORMATION

| | TAPE #/ DISKETTE | SLOT # | TRK | DENSITY | PARITY | LABEL TYPE | RECORD TYPE | RECORD LENGTH | MAX. BLOCK SIZE | # OF FILE |
|--------|---------------------|------------------|--|-------------|----------|---------------|--|------------------|--------------------|---------------|
| INPUT | A00324 | | 9 | 1600 | 0 | NL | FB | 80 | 8000 | 1 |
| | SECTOR SIZE | EXCHANGE TYPE | CODE: ASCII EBCDIC BCD SDF OTHER(SPECIFY) | | | | DATA SET NAME | | PURGE DATE | |
| | TAPE #/ DISKETTE | SLOT # | TRK | DENSITY | PARITY | LABEL TYPE | RECORD TYPE | RECORD LENGTH | MAX. BLOCK SIZE | # OF FILE |
| | SECTOR SIZE | EXCHANGE TYPE | CODE: ASCII EBCDIC BCD SDF OTHER(SPECIFY) | | | | DATA SET NAME | | PURGE DATE | |
| OUTPUT | W1566 | | 9 | 1600 | 0 | SL | FB | 80 | 8000 | 1 |
| | SECTOR SIZE | EXCHANGE TYPE | CODE: ASCII EBCDIC BCD SDF OTHER(SPECIFY) | | | | DATA SET NAME DNODC X 8600317-01 | | PURGE DATE | |
| | TAPE #/ DISKETTE | SLOT # | TRK | DENSITY | PARITY | LABEL TYPE | RECORD TYPE | RECORD LENGTH | MAX. BLOCK SIZE | # OF FILES |
| | SECTOR SIZE | EXCHANGE TYPE | CODE: ASCII EBCDIC BCD SDF OTHER(SPECIFY) | | | | DATA SET NAME | | PURGE DATE | |

SPECIAL INSTRUCTIONS

*** PLEASE ASSIGN "W" TAPE DNODC X 8600317-01**

ESTIMATED
EXECUTION
TIME

731 USE ONLY

| JOB # | DATE JOB COMPLETED | START TIME | END TIME | PRIORITY | DEVICES USED, NUMBER OF TAPE MOUNTS, LINES PRINTED, DISKETTES USED, CARDS PUNCHED, CARDS KEYVERIFIED |
|-----------------|-----------------------|---------------|-------------|----------|---|
| 86190827 | 10/8/86 | | | 0 | Completed by Andy |

REMARKS

Password:

| accNo | fleA | refNo | proj | inst | ship | startDate | cruise | catId |
|---------|------|--------|------|------|-------|------------|--------|--------|
| ----- | ---- | ----- | ---- | ---- | ----- | ----- | ----- | ----- |
| 8600317 | F144 | TT6436 | 9999 | 31BE | 3292 | 1985/08/07 | NULL | 165596 |

(1 row affected)

Password:

| accNo | fileA | refNo | ship | staCnt | recCnt | startDate | endDate |
|---------|-------|--------|------|--------|--------|-----------|----------|
| ----- | ---- | ----- | ---- | ----- | ----- | ----- | ----- |
| 8600317 | F144 | TT6436 | 3292 | 49 | 4590 | 85/08/07 | 85/09/01 |

(1 row affected)

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- a..Tape BSMP-2, 9track, 1600, ASCII, recsize=80, blksize=8000
- b..Originator supplied Data Documentation Form
- c..Sample tape dump
- d..Originator's letter of transmittal

R/V NOAA ~~LAUNCH~~ LAUNCH 1273
AUG 9 - SEP 1 1985

cc: T. Gulbransen, Battelle

8600317

TAPE A00324

RECEIVED BY (Signature)
George HeimendingerTITLE
NODC Northeast Service Center Rep.DATE FORWARDED
Sept. 11, 86
DATE RECEIVED