

WHTSD
005

B14107

B 19876, File 1-6

ACCESSION
NUMBER

8100704

DATA DOCUMENTATION FORM
RCVD 17 NOV 81

TR7660-7665

FORM 24-13
(4-77)

U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL OCEANOGRAPHIC DATA CENTER
RECORDS SECTION
WASHINGTON, DC 20235

FORM APPROVED
O.M.B. No. 41-R2651
EXPIRES 1-81

FT005

(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.

D116 NODC ZAPR 77

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

TAMU
Envir Eng'g Div
College Station, TX 77843

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

SPR-Brine Disposal Analysis Program

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

WHTSDT 012181	WHTSDT 042881
" 030681	" 051281
" 040581	" 062481

4. PLATFORM NAME(S)

WHTSD

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

Buoy

6. PLATFORM AND OPERATOR NATIONALITY(IES)

PLATFORM	OPERATOR
USA	USA

7. DATES

FROM: MO, DAY, YR	TO: MO, DAY, YR
1/21/81	7/9/81

8. ARE DATA PROPRIETARY?

NO YES

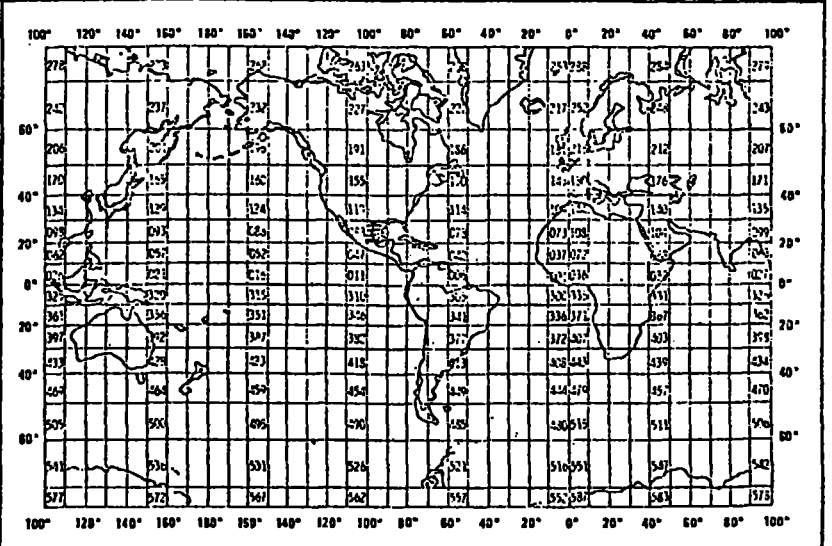
IF YES, WHEN CAN THEY BE RELEASED FOR GENERAL USE? YEAR _____ MONTH _____

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?)

NO YES PART (SPECIFY BELOW)



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

R. W. Hann, Jr.
713-845-1418

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
Current Speed " Dir Salinity Temp	cm/s Degrees of arc ‰ °C			

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

Format 005

2. GIVE BRIEF DESCRIPTION OF FILE ORGANIZATION

Record Length = Trk size = 60

3. ATTRIBUTES AS EXPRESSED IN

<input type="checkbox"/> PL-1	<input type="checkbox"/> ALGOL	<input type="checkbox"/> COBOL
<input type="checkbox"/> FORTRAN	<input type="checkbox"/> _____	LANGUAGE

4. RESPONSIBLE COMPUTER SPECIALIST:
NAME AND PHONE NUMBER _____
ADDRESS _____

J Foreman

COMPLETE THIS SECTION IF DATA ARE ON MAGNETIC TAPE

<p>5. RECORDING MODE</p> <table style="width: 100%;"> <tr> <td><input type="checkbox"/> BCD</td> <td><input type="checkbox"/> BINARY</td> </tr> <tr> <td><input type="checkbox"/> ASCII</td> <td><input checked="" type="checkbox"/> EBCDIC</td> </tr> <tr> <td colspan="2"><input type="checkbox"/> _____</td> </tr> </table>	<input type="checkbox"/> BCD	<input type="checkbox"/> BINARY	<input type="checkbox"/> ASCII	<input checked="" type="checkbox"/> EBCDIC	<input type="checkbox"/> _____		<p>9. LENGTH OF INTER-RECORD GAP (IF KNOWN) <input type="checkbox"/> 3/4 INCH <input type="checkbox"/> _____</p>		
<input type="checkbox"/> BCD	<input type="checkbox"/> BINARY								
<input type="checkbox"/> ASCII	<input checked="" type="checkbox"/> EBCDIC								
<input type="checkbox"/> _____									
<p>6. NUMBER OF TRACKS (CHANNELS)</p> <table style="width: 100%;"> <tr> <td><input type="checkbox"/> SEVEN</td> </tr> <tr> <td><input checked="" type="checkbox"/> NINE</td> </tr> <tr> <td><input type="checkbox"/> _____</td> </tr> </table>	<input type="checkbox"/> SEVEN	<input checked="" type="checkbox"/> NINE	<input type="checkbox"/> _____	<p>10. END OF FILE MARK <input type="checkbox"/> OCTAL 17 <input type="checkbox"/> _____</p>					
<input type="checkbox"/> SEVEN									
<input checked="" type="checkbox"/> NINE									
<input type="checkbox"/> _____									
<p>7. PARITY</p> <table style="width: 100%;"> <tr> <td><input type="checkbox"/> ODD</td> </tr> <tr> <td><input checked="" type="checkbox"/> EVEN</td> </tr> </table>	<input type="checkbox"/> ODD	<input checked="" type="checkbox"/> EVEN	<p>11. PASTE-ON-PAPER LABEL DESCRIPTION (INCLUDE ORIGINATOR NAME AND SOME LAY SPECIFICATIONS OF DATA TYPE, VOLUME NUMBER)</p> <p style="font-size: 1.5em; font-family: cursive; text-align: center;">DL</p>						
<input type="checkbox"/> ODD									
<input checked="" type="checkbox"/> EVEN									
<p>8. DENSITY</p> <table style="width: 100%;"> <tr> <td><input type="checkbox"/> 200 BPI</td> <td><input checked="" type="checkbox"/> 1600 BPI</td> </tr> <tr> <td><input type="checkbox"/> 556 BPI</td> <td></td> </tr> <tr> <td><input type="checkbox"/> 800 BPI</td> <td></td> </tr> <tr> <td colspan="2"><input type="checkbox"/> _____</td> </tr> </table>	<input type="checkbox"/> 200 BPI	<input checked="" type="checkbox"/> 1600 BPI	<input type="checkbox"/> 556 BPI		<input type="checkbox"/> 800 BPI		<input type="checkbox"/> _____		<p>12. PHYSICAL BLOCK LENGTH IN BYTES</p> <p>13. LENGTH OF BYTES IN BITS</p>
<input type="checkbox"/> 200 BPI	<input checked="" type="checkbox"/> 1600 BPI								
<input type="checkbox"/> 556 BPI									
<input type="checkbox"/> 800 BPI									
<input type="checkbox"/> _____									

PARAMETER	DESCRIPTION	SC
FILE HEADER RECORD	ALWAYS '1'	10
STATION	FIVE-CHARACTER BUOY STATION IDENTIFIER	11
SEQUENCE	X - FILE HEADER NUMBER	10
TEXT	44-CHARACTERS FOR OPTIONAL COMMENTS	17
STATION HEADER RECORD	ALWAYS '2'	10
STATION	SEE RECORD '1'	11
LATITUDE	DDMMSS PLUS HEMISPHERE 'N' OR 'S'	10
LONGITUDE	DDMMSS PLUS HEMISPHERE 'E' OR 'W'	23
SENSOR DEPTH	XXXX - METERS TO TENTHS	31
WATER DEPTH	XXXX - METERS TO TENTHS	35
SENSOR SERIAL NUMBER	FOUR-CHARACTER SERIAL NUMBER	30
BLANKS		43 39
DATA RECORD 1	ALWAYS '3'	10
STATION	SEE RECORD '1'	11
DATE	YYMMDD OBSERVED	10
TIME	XXXX - HOURS TO HUNDREDS	22
CURRENT DIRECTION	XXX - WHOLE DEGREES FROM TRUE NORTH	20
CURRENT SPEED	XXXX - WHOLE CM/SEC	29
TEMPERATURE	XXX NEGATIVE TEMPERATURES ARE PRECEDED BY A MINUS SIGN ADJACENT TO TEMPERATURE VALUE - DEG C TO TENTHS	33
PRESSURE	XXXX - WATER (KG/SQ CM TO HUNDREDS)	36
CONDUCTIVITY	XXXX - MILLIHOS/CM TO HUNDREDS	40
INCLINOMETER ANGLE	XX - METER TILT OFF VERTICAL (WHOLE DEGREES)	44
WIND DIRECTION	XXX - TRUE DIRECTION FROM WHICH WIND IS BLOWING (IN WHOLE DEGREES)	46
WIND SPEED	XXXX - CM/SEC	49
SEA DIRECTION	XXX - TRUE DIRECTION FROM WHICH DOMINANT WAVES ARE COMING (WHOLE DEGREES)	53
SEA HEIGHT	XXX - DOMINANT WAVES (CM)	56
SEA PERIOD	XX - DOMINANT WAVES (SECONDS)	59

005/PG 2

NOTES AND CORRECTIONS

DATA RECORD 2	ALWAYS '4'	10
STATION	SEE RECORD '1'	11
DATE	YYMMDD OBSERVED	16
TIME	XXXX - HOURS TO HUNDREDTHS	22
CURRENT DIRECTION	XXX - WHOLE DEGREES FROM TRUE NORTH	20
CURRENT SPEED	XXXX - WHOLE CM/SEC	20
TEMPERATURE	XXX NEGATIVE TEMPERATURES ARE PRECEDED BY A MINUS SIGN ADJACENT TO TEMPERATURE VALUE - DEG C TO TENTHS	33
SALINITY	XXXXX - PPT TO THOUDANDTHS	36
BLANKS		41

Rutherford
005

B 19876, File 7

ACCESSION
NUMBER

8100704

DATA DOCUMENTATION FORM

RCVD 17 NOV 81

TR 7666

NODC FORM 24-13
(4-77)

U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL OCEANOGRAPHIC DATA CENTER
RECORDS SECTION
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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 TAMU Envir. Eng. Div College Station, TX 77845			
2. EXPEDITION, PROJECT, OR PROGRAM DURING WHICH DATA WERE COLLECTED STAR-Brine Disposal Analysis Program		3. CRUISE NUMBER(S) USED BY ORIGINATOR TO IDENTIFY DATA IN THIS SHIPMENT R234012480	
4. PLATFORM NAME(S) RBM	5. PLATFORM TYPE(S) (E.G., SHIP, BUOY, ETC.) Buoy	6. PLATFORM AND OPERATOR NATIONALITY(IES) USA USA	7. DATES FROM: MO, DAY, YR TO: MO, DAY, YR 1/24/80 3/10/80
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 checked="" type="checkbox"/> NO <input 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) R.W. Hann, Jr. 713-845-1418			

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
Current speed " Direction Salinity Temp	cm/s Degrees of arc ‰ °C	} Endeco 174		

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
 AND THE METHOD OF IDENTIFYING EACH RECORD TYPE

Format 005

2. GIVE BRIEF DESCRIPTION OF FILE ORGANIZATION

Record length = Block size = 60

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

4. RESPONSIBLE COMPUTER SPECIALIST:

NAME AND PHONE NUMBER

J Foreman

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 type="checkbox"/> _____</p>
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<p>7. PARITY</p> <p><input 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>ML</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>13. LENGTH OF BYTES IN BITS</p>

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SENSOR SERIAL NUMBER	FOUR CHARACTER SERIAL NUMBER	39
BLANKS		48 39
DATA RECORD 1	ALWAYS '3'	10
STATION	SEE RECORD '1'	11
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PRESSURE	XXXX - WATER (KG/SQ CM TO HUNDREDTHS)	36
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SEA HEIGHT	XXX - DOMINANT WAVES (CM)	56
SEA PERIOD	XX - DOMINANT WAVES (SECONDS)	59

005/PG 2

NOTES AND CORRECTIONS

DATA RECORD 2	ALWAYS '4'	10
STATION	SEE RECORD '1'	11
DATE	YYMMDD OBSERVED	16
TIME	XXXX - HOURS TO HUNDREDTHS	22
CURRENT DIRECTION	XXX - WHOLE DEGREES FROM TRUE NORTH	26
CURRENT SPEED	XXXX - WHOLE CM/SEC	29
TEMPERATURE	XXX NEGATIVE TEMPERATURES ARE PRECEDED BY A MINUS SIGN ADJACENT TO TEMPERATURE	33
	VALUE - DEG C TO TENTHS	
SALINITY	XXXXX - PPT TO THOUDANDTHS	36
BLANKS		41

DATE:

TO: OC12

FROM: OC13

SUBJECT: Error Correction in Processing of Data Set - Accession # 8100704

- 1) File Type: F005
- 2) Project Ident.: 0091 (Being Disposed)
- 3) Track Nos.: TR 7660-6

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.: 8100704

TRACK NO(s): TR7660-6

Type of Tape	Tape Number	Label	LRECL	BLKSIZE	RECFM	Remarks
Originator	B19876	NL	60	60	9-ta 1600BPI EBCDIC	
Duplicate	22149	SL	60	60	9-ta 1600BPI ASCII	*
Reformatted						
First User						
Final User						
* Label = DVOD * F005T7660.						

<u>Step</u>	<u>Completion Date/Init.</u>	<u>Tape # or DSN</u>	<u># of Files</u>	<u>BLKSIZE</u>	<u>LRECL</u>	<u># RECORDS</u>
ORIGINATOR TAPE	11/19/83	JEP	B19896	7	60	60
QUADI/SCAN TAPE	11/19/83	JEP	22149	7	60	60
ASSIGNED FOR PROCESS.						
DDF EVALUATION						
QUALITY REVIEW						
PRELIMINARY DATA SORT						
PRELIMINARY MULCHEK						
FIRST USER TAPE						
WORK DISK FILE						
FINAL USER TAPE						
FINAL MULCHEK						
EDITED DISK FILE						
DATA SET "FINALIZED"						

DATE:

TO: OC12

FROM: OC13

SUBJECT: Error Correction in Processing of Data Set - Accession 18100704

D1015

- 1) File Type: F004, F024, F028, F123
- 2) Project Ident.: 0091 (Brine Disposal)
- 3) Track Nos.: TR 7668-79

I. Error Corrections as reported to Principal Investigator:

<u>Error</u>	<u>Correction Completed (Check)</u>
--------------	-------------------------------------

II. Additional error corrections:

<u>Error</u>	<u>Correction Completed (Check)</u>
--------------	-------------------------------------

- | | |
|---|--|
| <p>FT004 DISSOLVED 02 >1200</p> <p>1. FT124 028 ⁰²⁸ CHANGED NUMEROUS TAX CODES</p> <p>FT004 TR 7675 DELETED 02 >1200</p> <p>FT004 DELETED SAL > 40700</p> <p>4. ALL FT PUT IN PRECEDING ZONES WHERE NECESSARY IN STATION NO.</p> <p>5. DELETED ZERO VOLUMES AND ZERO WEIGHTS.</p> | <p>DELETED</p> <p>6. CHANGED 2400 HRS TO 0000 AND ADVANCED PAY BY 1.</p> |
|---|--|

III. Processor Name: Charles B. Selbink

Step	Completion Date/Init.	Tape # or DSN	# of Files	BLKSIZE	LRECL	# RECORDS
ORIGINATOR TAPE	11/14/83	FBR B19834	12	80	80	
ADDITIONAL SCAN TAPE	11/14/83	FBR 22150	12	80	80	
ASSIGNED FOR PROCESS.						
OF EVALUATION						
QUALITY REVIEW						
PRELIMINARY DATA SORT						
PRELIMINARY CHECK	11/15/84	CBF (SELDATA, F004 TR 7668)	12		80	7208
FIRST USER TAPE	11/15/84	(F123 TR 7670, F028 TR 7672, F004 TR 7674, F024 TR 7678)				
WORK DISK FILE	11/15/84	CBF "	12		80	7208
FINAL USER TAPE						
FINAL CHECK	12/14/84	CBF "	12		80	7208
EDITED DISK FILE	12/17/84	CBF (MPD75, TR 7668/F004)	12		80	7208
DATA SET "FINALIZED"	12/17/84	CBF (TR 7670/F123, TR 7672/F028, TR 7674/F004, TR 7678/F024)	12		80	7208

TAPE ASSIGNMENT SHEET

ACCESSION NO.: 8100704

TRACK NO(s): TR 7668-79

Type of Tape	Tape Number	Label	LRECL	BLKSIZE	RECFM	Remarks
Originator	B1983+	NL	80	80	9-tr 1600 BPI EBCDIC	
Duplicate	22150 Wφ28φ3	SL	80	80	9-tr 1600 BPI ASCII	*
Reformatted						
First User	SEL DATA. F004 TR 7668 F123 TR 7670 F028 TR 7672 F004 TR 7674 F124 TR 7678	SL	80			7208 REC
Final User	MPDTS. TR 7668/F004 TR 7670/F123 TR 7672/F028 TR 7678/F124 TR 7674/F004	SL	80			7208 REC
* Label = DNOD F024 T 7668.						

TAMU. Zoo.

10.4:03

T319834, File 1, 2, 11, 12

ACCESSION NUMBER

8100704

DATA DOCUMENTATION FORM

TR 7668-7669
TR 7678-7679

RCVD:
17 NOV 81

NOAA FORM 24-13
(4-77)

U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL OCEANOGRAPHIC DATA CENTER
RECORDS SECTION
WASHINGTON, DC 20235

FORM APPROVED
O.M.B. No. 41-R2651
EXPIRES 1-81

FT024

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

TAMU
Environ. Eng. Div.
College Station, TX 77843

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

SPR - Brine Disposal Analysis

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

090280 110180
112480
091780

4. PLATFORM NAME(S)

Excellence

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

Ship

6. PLATFORM AND OPERATOR NATIONALITY(IES)

PLATFORM	OPERATOR
USA	USA

7. DATES

FROM: MO, DAY, YR	TO: MO, DAY, YR
9/2/80	11/24/80

8. ARE DATA PROPRIETARY?

NO YES

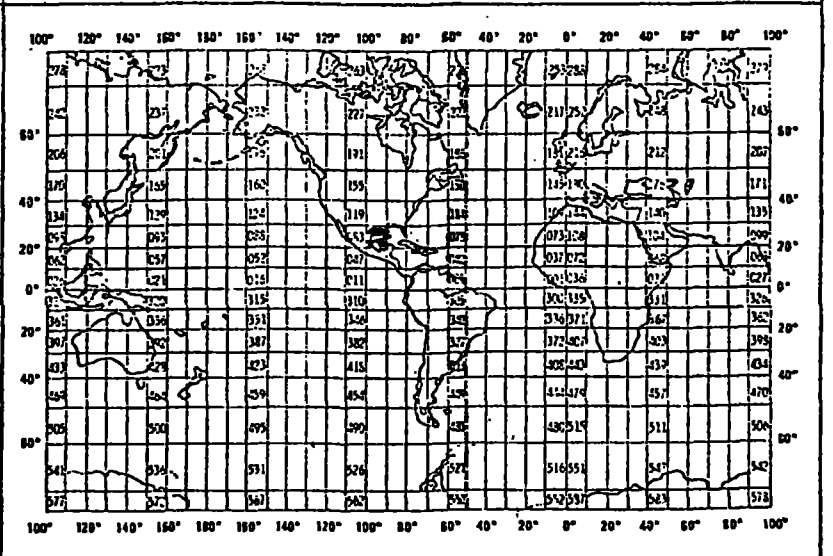
IF YES, WHEN CAN THEY BE RELEASED FOR GENERAL USE? YEAR _____ MONTH _____

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

GENERAL AREA

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(I.E., SHOULD THEY BE INCLUDED IN WORLD DATA CENTERS HOLDINGS FOR INTERNATIONAL EXCHANGE?)

NO YES PART (SPECIFY BELOW)



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

R. W. Hann, Jr.
713-845-1418

B. SCIENTIFIC CONTENT

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Counts/Taxa				

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

See attached

2. GIVE BRIEF DESCRIPTION OF FILE ORGANIZATION

See attached

3. ATTRIBUTES AS EXPRESSED IN

<input type="checkbox"/> PL-1	<input type="checkbox"/> ALGOL	<input type="checkbox"/> COBOL
<input type="checkbox"/> FORTRAN	<input type="checkbox"/> _____	LANGUAGE

4. RESPONSIBLE COMPUTER SPECIALIST:

NAME AND PHONE NUMBER J Foreman

ADDRESS _____

COMPLETE THIS SECTION IF DATA ARE ON MAGNETIC TAPE

<p>5. RECORDING MODE</p> <table style="width: 100%; border: none;"> <tr> <td><input type="checkbox"/> BCD</td> <td><input type="checkbox"/> BINARY</td> </tr> <tr> <td><input type="checkbox"/> ASCII</td> <td><input checked="" type="checkbox"/> EBCDIC</td> </tr> <tr> <td colspan="2"><input type="checkbox"/> _____</td> </tr> </table>	<input type="checkbox"/> BCD	<input type="checkbox"/> BINARY	<input type="checkbox"/> ASCII	<input checked="" type="checkbox"/> EBCDIC	<input type="checkbox"/> _____		<p>9. LENGTH OF INTER-RECORD GAP (IF KNOWN)</p> <table style="width: 100%; border: none;"> <tr> <td><input type="checkbox"/> 3/4 INCH</td> </tr> <tr> <td><input type="checkbox"/> _____</td> </tr> </table>	<input type="checkbox"/> 3/4 INCH	<input type="checkbox"/> _____
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<input type="checkbox"/> ASCII	<input checked="" type="checkbox"/> EBCDIC								
<input type="checkbox"/> _____									
<input type="checkbox"/> 3/4 INCH									
<input type="checkbox"/> _____									
<p>6. NUMBER OF TRACKS (CHANNELS)</p> <table style="width: 100%; border: none;"> <tr> <td><input type="checkbox"/> SEVEN</td> </tr> <tr> <td><input checked="" type="checkbox"/> NINE</td> </tr> <tr> <td><input type="checkbox"/> _____</td> </tr> </table>	<input type="checkbox"/> SEVEN	<input checked="" type="checkbox"/> NINE	<input type="checkbox"/> _____	<p>10. END OF FILE MARK</p> <table style="width: 100%; border: none;"> <tr> <td><input type="checkbox"/> OCTAL 17</td> </tr> <tr> <td><input type="checkbox"/> _____</td> </tr> </table>	<input type="checkbox"/> OCTAL 17	<input type="checkbox"/> _____			
<input type="checkbox"/> SEVEN									
<input checked="" type="checkbox"/> NINE									
<input type="checkbox"/> _____									
<input type="checkbox"/> OCTAL 17									
<input type="checkbox"/> _____									
<p>7. PARITY</p> <table style="width: 100%; border: none;"> <tr> <td><input type="checkbox"/> ODD</td> </tr> <tr> <td><input type="checkbox"/> EVEN</td> </tr> </table>	<input type="checkbox"/> ODD	<input type="checkbox"/> EVEN	<p>11. PASTE-ON-PAPER LABEL DESCRIPTION (INCLUDE ORIGINATOR NAME AND SOME LAY SPECIFICATIONS OF DATA TYPE, VOLUME NUMBER)</p> <p style="text-align: center; font-size: 2em; margin-top: 20px;"><i>N/L</i></p>						
<input type="checkbox"/> ODD									
<input type="checkbox"/> EVEN									
<p>8. DENSITY</p> <table style="width: 100%; border: none;"> <tr> <td><input type="checkbox"/> 200 BPI</td> <td><input checked="" type="checkbox"/> 1600 BPI</td> </tr> <tr> <td><input type="checkbox"/> 556 BPI</td> <td></td> </tr> <tr> <td><input type="checkbox"/> 800 BPI</td> <td></td> </tr> <tr> <td colspan="2"><input type="checkbox"/> _____</td> </tr> </table>	<input type="checkbox"/> 200 BPI	<input checked="" type="checkbox"/> 1600 BPI	<input type="checkbox"/> 556 BPI		<input type="checkbox"/> 800 BPI		<input type="checkbox"/> _____		<p>12. PHYSICAL BLOCK LENGTH IN BYTES</p> <p>13. LENGTH OF BYTES IN BITS</p>
<input type="checkbox"/> 200 BPI	<input checked="" type="checkbox"/> 1600 BPI								
<input type="checkbox"/> 556 BPI									
<input type="checkbox"/> 800 BPI									
<input type="checkbox"/> _____									

PARAMETER	DESCRIPTION	SC
FILE HEADER RECORD	ALWAYS '1'	10
VESSEL	ELEVEN-CHARACTER FIELD FOR VESSEL NAME	11
CRUISE	SIX-CHARACTER FIELD FOR CRUISE IDENTIFICATION	22
BEGIN CRUISE DATE	YY/MM/DD-	28
END CRUISE DATE	YY/MM/DD	37
AREA/PROJECT	19-CHARACTER FIELD TO INDICATE AREA OF STUDY OR PROJECT NAME	45
INVESTIGATOR/INSTITUTION	17-CHARACTER FIELD TO INDICATE INVESTIGATOR OR INSTITUTION NAME	64
LOCATION RECORD	ALWAYS '2'	10
STATION NUMBER	FIVE-CHARACTER FIELD ASSIGNED BY THE ORIGINATOR - ALSO INCLUDED IN RECORDS 3,4,5 AND 6	11
LATITUDE	DDMMSS PLUS HEMISPHERE 'N' OR 'S'	16
LONGITUDE	DDMMSS PLUS HEMISPHERE 'E' OR 'W'	23
DATE (GMT)	YYMMDD	31
TIME (GMT)	XXXX (HOURS AND MINUTES)	37
DEPTH TO BOTTOM	XXXXX (WHOLE METERS)	41
SAMPLE INTERVAL/UPPER	XXXX (WHOLE METERS)	48
SAMPLE INTERVAL/LOWER	XXXX (WHOLE METERS)	50
SHIP SPEED	XXX (KNOTS TO TENTHS)	54
SURFACE WATER TEMPERATURE	XXX NEGATIVE TEMPERATURES ARE PRECEDED BY A MINUS SIGN ADJACENT TO TEMPERATURE VALUE - DEG C TO TENTHS	57
SURFACE WATER SALINITY	XXX - PARTS PER THOUSAND TO TENTHS	60
WATER TEMPERATURE AT 25 METERS	XXX - DEG CENTIGRADE TO TENTHS	63
WATER SALINITY AT 25 METERS	XXX - PARTS PER THOUSAND TO TENTHS	66
WATER TEMPERATURE AT 50 METERS	XXX - DEG CENTIGRADE TO TENTHS	69
WATER SALINITY AT 50 METERS	XXX - PARTS PER THOUSAND TO TENTHS	72
WATER TEMPERATURE AT 100 METERS	XXX - DEG CENTIGRADE TO TENTHS	75
WATER SALINITY AT 100 METERS	XXX - PARTS PER THOUSAND TO TENTHS	78

TOTAL HAUL DATA	ALWAYS '3'	10
STATION NUMBER	SEE RECORD '2'	11
GEAR CODE	TWO-CHARACTER CODE - USE CODE 0134	10
MESH SIZE	XXXX - IN MICRONS	18
DURATION OF TOW	XXX (HOURS TO TENTHS) - EITHER USE THIS FIELD OR FIELD STARTING IN COL 61 WHICH ALLOWS FOR TIME TO SECONDS	22
HAUL LENGTH	XXXX (WHOLE METERS)	25
BLANKS		29
TOTAL SETTLED VOLUME	XXXX (WHOLE MILLILITERS)	33
TOTAL WATER DISPLACED	XXXX (WHOLE MILLILITERS)	37
TOTAL DRY WEIGHT OF HAUL	XXXXXXX (GRAMS TO HUNDREDS)	41
TOTAL WET WEIGHT OF HAUL	XXXXXXX (GRAMS TO HUNDREDS)	48
VOLUME OF WATER FILTERED	XXXXXX (CUBIC METERS)	55
DURATION OF TOW	XXXXXX (HOURS, MINUTES AND SECONDS)	61
HAUL TYPE	ONE-CHARACTER CODE - USE CODE 0175	67
BLANKS		68

SUBSAMPLE DATA RECORD 1	ALWAYS '4'	10
STATION NUMBER	SEE RECORD '2'	11
SAMPLE NUMBER	FOUR-CHARACTER FIELD DETERMINED BY THE ORIGINATOR	16
TAXONOMIC CODE	TEN-CHARACTER CODE - USE NODC TAXONOMIC CODES - SEE FILETYPE 124 FOR 12 DIGIT FIELD	20
LIFE HISTORY	ONE-CHARACTER CODE - USE CODE 0140	30
SIZE OF SUBSAMPLE	XXXX (PERCENT TO TENTHS)	31
NUMBER IN SUBSAMPLE	XXXXX	35
CONCENTRATION	XXXXXX - NUMBER PER CUBIC METER	40
DRY WEIGHT	XXXXXXX (GRAMS TO THOUSANDTHS)	46
WET WEIGHT	XXXXXXX (GRAMS TO THOUSANDTHS)	53
NUMBER OF ADULTS	XXXXX	60
NUMBER OF JUVENILES	XXXXX	65
NUMBER OF EGGS	XXXXX	70
NUMBER OF LARVAE	XXXXX	75
SEX CODE	ONE-CHARACTER CODE - USE CODE 0101	80

TEXT RECORD	ALWAYS '5'	10
STATION NUMBER	SEE RECORD '2'	11
SEQUENCE NUMBER	XXXX - USED TO SORT TEXT INFORMATION	18
TEXT	GI-CHARACTER FIELD FOR COMMENTS OR PERTINENT INFORMATION	20

SUBSAMPLE DATA RECORD 2	ALWAYS '6'	10
STATION NUMBER	SEE RECORD '2'	11
SAMPLE NUMBER	FOUR-CHARACTER FIELD DETERMINED BY THE ORIGINATOR	16

TAMU ZOOPLANKTON

1	ADULT MALE CALANOIDA	10	6118
2	IMMATURE CALANOIDA	20	6118
3	ACARTIA DANAE	30	6118 290102
4	ACARTIA LILLJEBORGII	40	
5	ACARTIA TONSA	50	6118 290104
6	ACROCALANUS ANDERSONI	60	
7	ACROCALANUS LONGICORNIS	70	
8	AETIDEUS ACUTUS	80	
9	AETIDEUS GIESBRECHTI	90	
10	ANDMALOCERA ORNATA	100	
11	AUGAPTIUS LONGICAUDATUS	110	6118 230106
12	AUGAPTIUS MEGALURUS	120	
13	BRADYIDIUS ARNOLDI	130	
14	BRADYIDIUS SP.1	140	6118 0704
15	CALANOID A	142	6118
16	CALANOID B	144	6118
17	CALANOPIA AMERICANA	150	
18	CALANUS TENUICORNIS	160	6118 010207
19	CALOCALANUS ELEGANS	170	
20	CALOCALANUS PAVO	180	6118 040202
21	CALOCALANUS PAVONINUS	190	
22	CALOCALANUS STYLIREMIS	200	6118 040201
23	CALOCALANUS GRACILIS	210	
24	CALOCALANUS SP.2	220	6118 0402
25	CALOCALANUS NEPTUNIS	230	
26	CALOCALANUS CONTRACTUS	240	
27	CANDACIA BIPINNATA	250	6118 260101
28	CANDACIA CURTA	260	
29	CANDACIA LONGIMANA	270	
30	CANDACIA PACHYDACTYLA	280	6118 260105
31	CANDACIA VARICANS	290	
32	CENTROPAGES CARIBBEANENSIS	300	
33	CENTROPAGES HAMATUS	310	6118 170105
34	CENTROPAGES VELIFICATUS	320	
35	CHIRYDIUS SUBGRACILIS	330	6118 070601
36	CLAUSOCALANUS ARCUICORNIS	340	6118 050101
37	CLAUSOCALANUS FURCATUS	350	6118 050103
38	CLAUSOCALANUS JOBEI	360	
39	CLAUSOCALANUS MASTIGOPHORUS	370	
40	CLAUSOCALANUS PARAPERGENS	380	
41	CLAUSOCALANUS PAULULUS	390	
42	CLAUSOCALANUS PERGENS	400	6118 050104
43	CTENOCALANUS VANUS	410	6118 050201
44	EUAUGAPTIUS HECTICUS	420	
45	EUCALANUS CRASSUS	430	
46	EUCALANUS HYALINUS	440	
47	EUCALANUS MONACHUS	450	6118 030406
48	EUCALANUS PILEATUS	460	6118 030105
49	EUCALANUS SEWELLI	470	
50	EUCALANUS SUBTENUIS	480	
51	EUCHAETA MARINA	490	6118 080113
52	EUCHAETA MEDIA	500	6118 080114
53	EUCHAETA PARACONCINNA	510	
54	EUCHAETA PUBERA	520	
55	EUCHAETA SPINOSA	530	6118 080125
56	EUCHIRELLA AMOENA	540	6118 070901
57	EUCHIRELLA MESSINENSIS	550	6118 070905
58	EUCHIRELLA PULCHRA	560	6118 070907
59	EUCHIRELLA ROSTRATA	570	6118 070908
60	EUCHIRELLA SPLENDENS	580	
61	GAETANUS MINOR	590	6118 071007
62	HALOPTILUS ACUTIFRONS	600	6118 230401
63	HALOPTILUS AUSTINI	610	
64	HALOPTILUS LONGICORNIS	620	6118 230403
65	HALOPTILUS ORNATUS	630	
66	HALOPTILUS PARALONGICIRRUS	640	
67	HALOPTILUS SPINICEPS	650	
68	HETERORHABDUS MEDIANUS	660	
69	HETERORHABDUS PAPILLIGER	670	6118 220206
70	HETERORHABDUS SPINIFER	680	
71	HETERORHABDUS SPINIFRONS	690	6118 220209
72	LUCICUTIA PARACLUSI	790	
73	NEOCALANUS ROBUSTIOR	830	
74	ISCHNOCALANUS PLUMULOSUS	700	
75	LABIDOCERA ACUTIFRONS	710	6118 270206
76	LABIDOCERA AESTIVA	720	6118 270205
77	MECYNOCERA CLAUSII	800	6118 030301
78	LABIDOCERA SCOTTI	730	
79	LOPHOTHRIX LATIPES	740	6118 100202
80	LUCICUTIA CLAUSI	750	

999004

where no NOAA
code exists, the
dummy code

999 XXX was
assigned. XXX
is the TAMU
code in the
far left column

81	LUCICUTIA FLAVICORNIS	760	6118 210104
82	LUCICUTIA GAUSSAE	770	
83	LUCICUTIA GEMINA	780	
84	NANNOCALANUS MINOR	810	
85	NEOCALANUS GRACILIS	820	
86	PAIVELLA INACIAE	840	
87	PARACALANUS ACULEATUS	850	
88	PARACALANUS CRASSIROSTRIS	860	6118040102
89	PARACALANUS DENUDATUS	870	
90	PARACALANUS INDICUS	880	6118040103
91	PARACALANUS QUASIMODO	890	6118040104
92	PARACALANUS NUDUS	900	
93	PARACANDACIA BISPINOSA	910	
94	PARACANDACIA SIMPLEX	920	
95	PARUNDINELLA SPINODENTICULA	930	
96	PHAENNA SPINIFERA	940	6118090401
97	PLEUROMYMA ABDOMINALIS	950	6118160301
98	PLEUROMYMA GRACILIS	960	6118160303
99	PLEUROMYMA PISEKI	970	6118160308
100	PLEUROMYMA XIPHIAS	980	6118160307
101	PONTELLA MEADII	990	6118270302
102	PONTELLA SECURIFER	1000	
103	PONTELLINA PULMATA	1010	6118270401
104	PONTELLOPSIS VILLOSA	1020	
105	PSEUDODIAPTOMUS SP.1	1030	611819
106	PSEUDODIAPTOMUS SP.2	1040	611819
107	PSEUDODIAPTOMUS SPA	1041	611819
108	RACOVITZANUS LEVIS	1050	
109	RHINCALANUS CORNUTUS	1060	6118030201
110	SCAPHOCALANUS BREVIROSTRIS	1070	
111	SCAPHOCALANUS SUBCURTUS	1080	
112	SCOLECITHRICELLA CTENOPUS	1090	
113	SCOLECITHRICELLA DENTATA	1100	
114	SCOLECITHRICELLA MINOR	1101	6118100504
115	SCOLECITHRICELLA TENUISERRATA	1110	
116	SCOLECITHRICELLA VITTATA	1120	
117	SCOLECITHRIX BRADYI	1130	6118100603
118	SCOLECITHRIX DANAE	1140	6118100601
119	STEPHOS DEICHMANNAE	1150	
120	TEMORA STYLIFERA	1160	6118200301
121	TEMORA TURBINATA	1170	6118200304
122	TEMOROPHA MAYUNBAENSIS	1180	
123	UNDEUCHAETA PLUMOSA	1190	6118071404
124	UNDINULA VULGARIS	1200	6118010301
125	OTHER FEMALE COPEPODS	1205	6117
126	ZANTHOCALANUS AGILIS	1210	
127	COPILIA LATA	1220	
128	COPILIA MIRABILIS	1230	
129	COPELIA QUADRATA	1240	
130	COPILIA VITREA	1250	
131	CORISSA PARVA	1260	
132	CORYCAEUS AMAZONICUS	1270	6120040103
133	CORYCAEUS AMERICANUS	1280	
134	CORYCAEUS CLAUSI	1290	
135	CORYCAEUS FLACCUS	1300	
136	CORYCAEUS FURCIFER	1310	
137	CORYCAEUS GIESBRECHTI	1320	
138	CORYCAEUS LATUS	1330	6120040108
139	CORYCAEUS LAUTUS	1340	6120040108
140	CORYCAEUS LIMBATUS	1350	
141	CORYCAEUS MINIMUS	1360	
142	CORYCAEUS SPECIOSUS	1370	6120040109
143	CORYCAEUS TYPICUS	1380	
144	CORYCAEUS SP	1382	61200401
145	CYCLOPOID SPP	1384	6120
146	FARRANULA GRACILIS	1390	6120040201
147	FARRANULA ROSTRATA	1400	
148	HERMANELLA SP	1405	
149	KELLERIA SP	1407	
150	LICHOMOLGUS SP.1	1410	612016
151	LICHOMOLGUS SP.2	1415	612016
152	LICHOMOLGOIDEA	1416	612016
153	LUBBOCKIA SQUILLIMANA	1420	
154	MONSTRILLA SP.	1425	61220201
155	MORMONILLA MINOR	1427	6118310103
156	OITHONA COLCARVA	1430	
157	OITHONA DECIPiens	1431	
158	OITHONA FALLAX	1440	
159	OITHONA HAMATA	1450	
160	OITHONA HEBES	1450	
161	OITHONA MINUTA	1465	

162	OITHONA NANA	1470
163	OITHONA PLUMIFERA	1480 6120090102
164	OITHONA ROBUSTA	1490
165	OITHONA SETIGERA	1500 6120090108
166	OITHONA SIMILIS	1510 6120090103
167	OITHONA SIMPLEX	1520
168	OITHONA TENUIS	1530
169	OITHONA VIVIDA	1540
170	OITHONA SPP	1545 61200901
171	OITHONA SP.1	1550 61200901
172	OITHONA SP.2	1560 61200901
173	OITHONA SP.3	1570 61200901
174	OITHONA SP.4	1571 61200901
175	ONCAEA CONIFERA	1580 6120010302
176	ONCAEA DENTIPES	1590
177	ONCAEA MEDIA	1600
178	ONCAEA MEDITERRANEA	1610 6120010310
179	ONCAEA NOTOPUS	1620 6120010304
180	ONCAEA ORNATA	1630 6120010305
181	ONCAEA VENUSTA	1640 6120010312
182	ONCAEA SIMILIS	1650 6120010307
183	PAROITHONA PULLA	1660
184	PAROITHONA SP.	1670
185	RATANIA FLAVA	1680
186	SABELLIPHILID A	1682 612018
187	SABELLIPHILID B	1684 612018
188	SAPHIRELLA TROPICA	1690
189	SAPHIRELLA SP.	1700 61200602
190	SAPPHIRINA ANGUSTA	1710
191	SAPPHIRINA AURONITENS	1720
192	SAPPHIRINA BICUSPIDATA	1723
193	SAPPHIRINA INTESTINATA	1724
194	SAPPHIRINA LACTENS	1725
195	SAPPHIRINA MACULOSA	1730
196	SAPPHIRINA METALLINA	1740
197	SAPPHIRINA NIGROMACULATA	1750
198	SAPPHIRINA OPALINA	1760
199	SAPPHIRINA OVATOLANCEOLATA	1770
200	SAPPHIRINA STELLATA	1780
201	SIPHONOSTOMATA SP.1	1781
202	SIPHONOSTOMATA SP.2	1782
203	SAPPHIRINA SP.1	1785 612010
204	SAPPHIRINA SP.2	1786 612010
205	SAPPHIRINA SPP	1787 612010
206	VETTORIA GRANULOSA	1790
207	CYCLOPOID MALES	1920 6120
208	CYCLOPOID IMMATURES	2055 6120
209	CLYTEMNESTRA ROSTRATA	2060 6119 120101
210	CLYTEMNESTRA SCUTELLATA	2070 6119 120102
211	MACROSETELLA GRACILIS	2080 6119 300101
212	MICROSETELLA NORVEGICA	2090 6119 090101
213	MICROSETELLA ROSEA	2100 6119 090102
214	MIRACIA EFFERATA	2105
215	MIRACIA MINOR	2110
216	OCULOSETELLA GRACILIS	2120
217	BENTHIC HARPACTICOID FEMALES	2230 6119
218	TOTAL HARPACTICOID	2240 6119
219	BENTHIC HARPACTICOID IMMATURE	2250 6119
220	BENTHIC HARPACTICOID MALES	2255 6119
221	FORAMINIFERA	2260 3448
222	RADIOLARIAN	2270
223	CLADOCERA EVADNE	2280
224	CLADOCERA PENILIA	2290
225	CLADOCERA PODON	2291
226	OSTRACODA EUCONCHOECHIA	2300
227	OSTRACODA CONCHOECIA	2310
228	OTHER OSTRACODA	2320 6110
229	CALIGUS	2321 6123 0101
230	CUMACEA	2322 6154
231	ISOPODA	2324 6158
232	MYSIDACEA	2330 6151
233	AMPHIPODA	2340 6168
234	EUPHAUSIACEA	2350 6174
235	LUCIFER	2360 61770202
236	OTHER CRUSTACEANS	2370 61
237	BARNACLE NAUPLII	2380
238	BARNACLE CYPRIS	2390
239	OTHER NAUPLII	2400
240	DECAPOD ZOEAL	2410 6175
241	DECAPOD MEGALOPA	2420 6175
242	DECAPOD LARVAE	2430 6175

243 STOMATOPOD LARVAE	2440 6191
244 OTHER CRUSTACEAN LARVAE	2450 61
245 MEDUSAE	2460
246 POLYCHAETA	2470 5001
247 TOTAL MOLLUSCA	2475 5085
248 GASTROPOD LARVAE	2480 51
249 HETEROPODA	2490
250 PTEROPODA	2500
251 CEPHALOPODA	2510 57
252 BIVALVE LARVAE	2520 55
253 OTHER MOLLUSCA	2530 5085
254 CHAETOGNATHA	2540 83
255 LARVACEA	2550 8412
256 DOLIOLUM	2560 84100101
257 SALPA	2570 84110103
258 OTHER UROCHORDATES	2571 84
259 FISH LARVAE	2572
260 FISH EGGS	2573
261 ZOOPLANKTON A	2574
262 ECHINODERM LARVAE	2580 81
263 OTHERS	2590 — ignore

TS19834 File 384

ACCESSION NUMBER

8100704

DATA DOCUMENTATION FORM

TR7670-7671

NOAA FORM 24-13 (4-77)

U.S. DEPARTMENT OF COMMERCE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION NATIONAL OCEANOGRAPHIC DATA CENTER RECORDS SECTION WASHINGTON, DC 20235

FORM APPROVED O.M.B. No. 41-R2651 EXPIRES 1-81

RCVD 17 NOV 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.

FT123

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 McNeese State University Lk Charles, LA 70609			
2. EXPEDITION, PROJECT, OR PROGRAM DURING WHICH DATA WERE COLLECTED SPR - Brine Disposal Analysis		3. CRUISE NUMBER(S) USED BY ORIGINATOR TO IDENTIFY DATA IN THIS SHIPMENT N08104 N18104	
4. PLATFORM NAME(S) Cajun Special Capt Brady J	5. PLATFORM TYPE(S) (E.G., SHIP, BUOY, ETC.) Ship	6. PLATFORM AND OPERATOR NATIONALITY(IES) USA	7. DATES MO, DAY, YR TO: MO, DAY, YR 4/21/81, 4/29/81
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 checked="" type="checkbox"/> NO <input 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) Ilg 318-477-2520			

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
NOAA Tax code WT length	gms mm			

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

Format 123

2. GIVE BRIEF DESCRIPTION OF FILE ORGANIZATION

See attached

Record length = Blk size = 60

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

4. RESPONSIBLE COMPUTER SPECIALIST:

NAME AND PHONE NUMBER _____

J Foreman

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 type="checkbox"/> _____</p>
<p>5. 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 type="checkbox"/> _____</p>
<p>7. PARITY</p> <p><input 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 style="text-align: center; font-size: 2em;">N/L</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>13. LENGTH OF BYTES IN BITS</p>

PARAMETER	DESCRIPTION	SC
CRUISE HEADER RECORD	ALWAYS 'A' - THIS RECORD SHOULD BE USED ONLY ONCE FOR EACH FILE ID. INFORMATION SHOULD AGREE WITH THAT IN THE DOCUMENTATION THAT ACCOMPANIES THE DATA.	10
VESSEL/PLATFORM NAME	ELEVEN-CHARACTER FIELD	11
CRUISE NUMBER	SIX-CHARACTER FIELD ASSIGNED BY THE ORIGINATOR	22
START DATE OF SURVEY	YYMMDD	28
END DATE OF SURVEY	YYMMDD	34
INVESTIGATOR, SCIENTIST OR DATA SOURCE	FIFTEEN-CHARACTER FIELD IDENTIFYING DATA SOURCE	40
INSTITUTION OR AGENCY	FIFTEEN-CHARACTER FIELD IDENTIFYING ORGANIZATION	55
AGENCY CODE	TWO-CHARACTER CODE - USE CODE 0070	70
VESSEL CODE	TWO-CHARACTER CODE - USE CODE 0133 - THESE TWO CODE FIELDS ARE INCLUDED PRIMARILY TO PERMIT CONVERSION OF DATA PREVIOUSLY SUBMITTED IN FILE TYPE 023. IT IS RECOMMENDED THAT THE INVESTIGATOR AND INSTITUTION NAME FIELDS BE UTILIZED WHERE POSSIBLE RATHER THAN THE CODE FIELDS WHEN SUBMITTING DATA IN THIS FORMAT.	72
BLANKS		74
STATION HEADER RECORD	ALWAYS 'D' - THIS RECORD INCLUDES MANDATORY FIELDS FOR POSITION, DATE, AND FISHING DATA THAT PERMITS THE DETERMINATION OF CATCH STATISTICS AND OTHER DATA PRODUCTS. ONLY ONE RECORD FOR EACH STATION NUMBER SHOULD BE SUBMITTED.	10
STATION NUMBER	SIX-CHARACTER FIELD ASSIGNED BY THE INVESTIGATOR WHICH MUST BE UNIQUE WITHIN A FILE ID. REOCCUPATION OF STATIONS WITHIN THE SAME CRUISE OR SURVEY CAN BE MODIFIED BY PREFIXING ALPHA-CHARACTERS (E.G. STATION 1, A1, D1, C1, ETC)	11
HAUL NUMBER	THREE-CHARACTER FIELD ASSIGNED BY THE INVESTIGATOR	17
NUMBER OF HAULS	XXX - INDICATES THE TOTAL NUMBER OF HAULS TAKEN AT A STATION - ENTRY WILL BE REPEATED FOR MULTIPLE HAULS PER STATION	20
LATITUDE	DDMMSS PLUS HEMISPHERE 'N' OR 'S'	23
LONGITUDE	DDMMSS PLUS HEMISPHERE 'E' OR 'W'	30
DATE (GMT)	YYMMDD	30
TIME (GMT)	XXXX (HOURS AND MINUTES)	44
GEAR TYPE	TWO-CHARACTER CODE - USE CODE 0120	40
FISHING DURATION	XXX (HOURS TO TENTHS)	50
DISTANCE FISHED	XXXX (KILOMETERS TO TENTHS)	53
DIRECTION OF TOW	ONE-CHARACTER CODE - USE CODE 0000	57
PERFORMANCE	ONE-CHARACTER CODE - USE CODE 0131	58

ENVIRONMENT RECORD	ALWAYS 'C' - THIS RECORD CONTAINS ENVIRONMENTAL DATA RELATED TO EACH STATION. ONLY ONE RECORD FOR EACH STATION SHOULD BE SUBMITTED	10
STATION NUMBER	SEE RECORD 'B'	11
HAUL NUMBER	SEE RECORD 'B'	17
GEAR DEPTH	XXXX (WHOLE METERS)	20
GEAR TEMPERATURE	XXXX - TEMPERATURE AT GEAR DEPTH - NEGATIVE TEMPERATURES PRECEDED BY MINUS SIGN ADJACENT TO VALUE (DEG C TO HUNDREDTHS)	24
GEAR SALINITY	XXXX - SALINITY AT GEAR DEPTH (PARTS PER THOUSAND TO HUNDREDTHS)	28
AVERAGE BOTTOM DEPTH	XXXX - AVERAGE DEPTH FOR THE STATION (WHOLE METERS)	32
BOTTOM TYPE	TWO-CHARACTER CODE - USE CODE 0077	38
SOUNDING RECORD	ONE-CHARACTER CODE - USE CODE 01G5	30
BOTTOM TEMPERATURE	XXXX - WATER TEMPERATURE ON THE OCEAN BOTTOM - NEGATIVE TEMPERATURES PRECEDED BY MINUS SIGN ADJACENT TO VALUE (DEG C TO HUNDREDTHS)	39
<u>BOTTOM SALINITY</u>	XXXX - WATER SALINITY ON THE OCEAN BOTTOM (PARTS PER THOUSAND TO HUNDREDTHS)	43
SURFACE TEMPERATURE	XXXX - SEA SURFACE TEMPERATURE - NEGATIVE TEMPERATURES PRECEDED BY MINUS SIGN ADJACENT TO VALUE (DEG C TO HUNDREDTHS)	47
SURFACE SALINITY	XXXX - SEA SURFACE SALINITY (PARTS PER THOUSAND TO HUNDREDTHS)	51
TRANSPARENCY	XXX - SECCHI DISC DEPTH (METERS TO TENTHS)	55
TIDE HEIGHT	XXX - HEIGHT WITH RESPECT TO MEAN LOWER LOW WATER PRECEDED BY MINUS SIGN WHERE APPLICABLE (METERS TO TENTHS)	58
TIDE STAGE	ONE-CHARACTER CODE - USE CODE 0154	61
AIR TEMPERATURE	XXXX - AIR TEMPERATURE AT THE STATION LOCATION - NEGATIVE TEMPERATURES PRECEDED BY MINUS SIGN ADJACENT TO VALUE (DEG C TO HUNDREDTHS)	62
WEATHER	ONE-CHARACTER CODE - USE CODE 0100	60
CLOUD AMOUNT	ONE-CHARACTER CODE - USE CODE 0105	67
SEA STATE	ONE-CHARACTER CODE - USE CODE 0109	60
WIND DIRECTION (FROM)	ONE-CHARACTER CODE - USE CODE 0096	69
WIND FORCE (BEAUFORT)	ONE-CHARACTER CODE - USE CODE 0052	70
CURRENT DIRECTION (TOWARD)	ONE-CHARACTER CODE - USE CODE 0096	71
CURRENT SPEED	XX (METERS PER SECOND TO TENTHS)	72
UNKS		74
SOURCE NUMBER	SEE RECORD 'B'	77

BOTTOM TRAWL RECORD

ALWAYS 'D' - THIS RECORD IS TO BE USED ONLY FOR BOTTOM TRAWLS. RECORD TYPE 'E' IS TO BE USED FOR ALL OTHER TYPES OF STUDIES.

STATION NUMBER	SEE RECORD 'B'	11
HAUL NUMBER	SEE RECORD 'B'	17
GEAR DEPTH	XXXX (WHOLE METERS) - SAME AS RECORD 'C'	20
GEAR TYPE	TWO-CHARACTER CODE - USE CODE 0129	24
BOTTOM TRAWL TYPE	TWO-CHARACTER CODE - USE CODE 0076	26
BOTTOM TRAWL ACCESSORIES	TWO-CHARACTER CODE - USE CODE 0124	28
OPENING HEIGHT OF TRAWL	XXX (METERS TO TENTHS)	30
OPENING WIDTH OF TRAWL	XXX (METERS TO TENTHS)	33
OVERALL LENGTH	XXX (WHOLE METERS)	36
CODEND LENGTH	XX (WHOLE METERS)	39
FOOT ROPE LENGTH	XX (WHOLE METERS)	41
HEAD ROPE LENGTH	XX (WHOLE METERS)	43
GEAR MATERIAL	ONE-CHARACTER CODE - USE CODE 0078	45
OPENING MESH	ONE-CHARACTER CODE - USE CODE 0130	46
AVERAGE BODY MESH	ONE-CHARACTER CODE - USE CODE 0130	47
CODEND MESH	ONE-CHARACTER CODE - USE CODE 0130	48
CODEND LINER	ONE-CHARACTER CODE - USE CODE 0324	49
NUMBER OF FLOATS	XX	50
FLOAT DIAMETER	XX (WHOLE CENTIMETERS)	52
TICKLER	ONE-CHARACTER CODE - USE CODE 0324	54
ROLLER GEAR	ONE-CHARACTER CODE - USE CODE 0324	55
LENGTH OF BRIDLES	XXX (WHOLE METERS)	56
LENGTH OF DOORS	XX (METERS TO TENTHS)	59
WIDTH OF DOORS	XX (METERS TO TENTHS)	61
WARP LENGTH	XXXX (WHOLE METERS)	63
SCOPE OF WARP	XXXX (WHOLE METERS)	67
BLANKS		71
SEQUENCE NUMBER	SEE RECORD 'B'	77

MISC GEAR RECORD

ALWAYS 'E' - THIS RECORD IS TO BE USED FOR CATCHES OTHER THAN BOTTOM TRAWL STUDIES. THE GEAR DEPTH FIELD IS REDUNDANT FOR RECORDS C,D,E TO ASSURE THAT THIS INFORMATION IS SUBMITTED IN CASES WHERE NO ENVIRONMENTAL DATA MAY BE AVAILABLE.

STATION NUMBER	SEE RECORD 'D'	11
HAUL NUMBER	SEE RECORD 'D'	17
GEAR DEPTH	XXXX (WHOLE METERS) - SAME AS RECORD 'C'	20
GEAR TYPE	TWO-CHARACTER CODE - USE CODE 0129	24
NET DEPTH	XX - DEPTH OF GILLNET SHACKLES OR SEINE (WHOLE METERS)	26
UNIT LENGTH	XXXX - OVERALL LENGTH, LENGTH/SKATE OR LENGTH/SHACKLE (WHOLE METERS)	28
NUMBER OF UNITS	XX - NUMBER OF SKATES, SHACKLES, TROLL LINES, HANDLINES, ETC	32
NUMBER OF SUBUNITS	XX - NUMBER OF GANG/ON/SKATE, HOOKS/LINE, ETC	34
GEAR MATERIAL	ONE-CHARACTER CODE - USE CODE 0078	36
BAIT/LURE	ONE-CHARACTER CODE - USE CODE 0167	37
TYPE OF LURE	ONE-CHARACTER CODE - USE CODE 0353	38

SEINE MESH - TOWING	ONE-CHARACTER CODE - USE CODE 0130	39
END		
SEINE MESH - UPPER	ONE-CHARACTER CODE - USE CODE 0130	40
SEINE MESH - AVG BODY	ONE-CHARACTER CODE - USE CODE 0130	41
SEINE MESH - BUNT	ONE-CHARACTER CODE - USE CODE 0130	42
SEINE MESH - OUTSIDE (WING)	ONE-CHARACTER CODE - USE CODE 0130	43
SEINE MESH - MIDDLE	ONE-CHARACTER CODE - USE CODE 0130	44
SEINE MESH - BAG	ONE-CHARACTER CODE - USE CODE 0130	45
NUMBER OF SHACKLES	XX	46
(FIRST GILLNET)*		
MATERIAL (FIRST GILLNET)*	ONE-CHARACTER CODE - USE CODE 0070	48
MESH (FIRST GILLNET)*	ONE-CHARACTER CODE - USE CODE 0130	49
*THESE FIELDS REPEATED THREE TIMES FOR 2ND THRU 4TH GILLNETS STARTING IN COLUMNS 50, 54 AND 58		
NUMBER OF SHACKLES - TRAMMEL NET	XX	62
OUTER PANEL MATERIAL TRAMMEL NET	ONE-CHARACTER CODE - USE CODE 0070	64
OUTER PANEL MESH - TRAMMEL NET	ONE-CHARACTER CODE - USE CODE 0130	65
INNER PANEL MATERIAL - TRAMMEL NET	ONE-CHARACTER CODE - USE CODE 0070	66
INNER PANEL MESH - TRAMMEL NET	ONE-CHARACTER CODE - USE CODE 0130	67
BLANKS		68
SEQUENCE NUMBER	SEE RECORD 'B'	77

TOTAL CATCH RECORD	ALWAYS 'F' - THIS RECORD IS TO BE USED TO RECORD GENERAL INFORMATION ON CATCHES WITHOUT REGARD TO SPECIES	10
STATION NUMBER	SEE RECORD 'B'	11
HAUL NUMBER	SEE RECORD 'B'	17
TOTAL WET WEIGHT OF CATCH	XXXXXXXXXX - WEIGHT OF ALL SPECIES (WHOLE GRAMS OR KILOGRAMS TO THOUSANDTHS)	20
WEIGHT DETERMINATION	ONE-CHARACTER CODE - USE CODE 0101	29
TOTAL NUMBER	XXXXXX - TOTAL FOR ALL SPECIES	30
NUMBER DETERMINATION	ONE-CHARACTER CODE - USE CODE 0102	30
VOLUME OF CATCH	XXXXX - USED PRIMARILY FOR SMALL CATCHES (WHOLE MILLILITERS)	37
NUMBER OF FISH PER LITER	XXXX - NUMBER FOR ALL SPECIES COMBINED	42
NUMBER OF SPECIES EXAMINED	XXXX - NUMBER EXAMINED FROM TOTAL CATCH	48
BLANKS		50
SEQUENCE NUMBER	SEE RECORD 'B'	77

INDIVIDUAL SPECIES CATCH RECORD	ALWAYS 'J' - THIS RECORD CAN BE USED TO REPRESENT A SUBSET OF THE CATCH FOR EACH SPECIES IDENTIFIED, COUNTED AND WEIGHED FOR EACH SAMPLE.	10
STATION NUMBER	SEE RECORD 'B'	11
HAUL NUMBER	SEE RECORD 'B'	17
SAMPLE NUMBER	SEE RECORD 'G'	20
BLANKS	SAME AS RECORD 'G' NOTE	24
TAXONOMIC CODE	TWELVE-CHARACTER CODE - USE NODC TAXONOMIC CODES	28
TOTAL WET WEIGHT	XXXXXXXX - TOTAL WET WEIGHT FOR EACH SPECIES (GRAMS OR KILOGRAMS TO THOUSANDTHS)	40
WEIGHT DETERMINATION	ONE-CHARACTER CODE - USE CODE 0161	49
TOTAL NUMBER FOR SPECIES	XXXXXX - NUMBER FOR EACH SPECIES	50
NUMBER DETERMINATION	ONE-CHARACTER CODE - USE CODE 0162	56
VOLUME OF CATCH	XXXXX - VOLUME FOR INDIVIDUAL SPECIES (WHOLE MILLILITERS)	57
NUMBER OF FISH PER LITER	XXXX - NUMBER FOR INDIVIDUAL SPECIES	62
PREDOMINATE SEX OF EACH SPECIES	ONE-CHARACTER CODE - USE CODE 0101	66
PREDOMINATE AGE OF EACH SPECIES	XX - AGE IN YEARS	67
AGE METHOD	ONE-CHARACTER CODE - USE CODE 0090	69
BLANKS		70
SEQUENCE NUMBER	SEE RECORD 'D'	77

INDIVIDUAL SPECIMEN RECORD (FISH)	ALWAYS 'K' - THIS RECORD IS ONE OF FOUR THAT LINKS DATA TO THE SPECIMEN LEVEL AND IS NEARLY IDENTICAL TO RECORD 'L' FOR CRUSTACEANS. MULTIPLE RECORDS MAY BE SUBMITTED FOR EACH SAMPLE USING THE SPECIMEN NUMBER FIELD.	10
STATION NUMBER	SEE RECORD 'B'	11
HAUL NUMBER	SEE RECORD 'B'	17
SAMPLE NUMBER	SEE RECORD 'G'	20
SPECIMEN NUMBER	FOUR-CHARACTER FIELD - USED TO IDENTIFY INDIVIDUAL SPECIMEN SAMPLES AND TO LINK TO PREDATOR DATA WHERE AVAILABLE	24
TAXONOMIC CODE	TWELVE-CHARACTER CODE - USE NODC TAXONOMIC CODES	28
SEX	ONE-CHARACTER CODE - USE CODE 0101	40
SEX MATURITY	ONE-CHARACTER CODE - USE CODE 0091	41
LENGTH OF INDIVIDUAL	XXXX (WHOLE MILLIMETERS)	42
LENGTH CODE	ONE-CHARACTER CODE - USE CODE 0002	46
WET WEIGHT OF INDIVIDUAL	XXXXXXXX (GRAMS TO TENTHS)	47
WEIGHT DETERMINATION	ONE-CHARACTER CODE - NOTE DIFFERENT THAN RECORDS 'F' AND 'H' - USE CODE 0163	54
AGE OF INDIVIDUAL	XX - AGE IN YEARS	55
AGE METHOD (STRUCTURE)	ONE-CHARACTER CODE - USE CODE 0090	57

msu - Phytoplankton

B19834, files 5 & 6

ACCESSION NUMBER

8100704

DATA DOCUMENTATION FORM

TR 7672-7673

NOAA FORM 24-13 (4-77)

U.S. DEPARTMENT OF COMMERCE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION NATIONAL OCEANOGRAPHIC DATA CENTER RECORDS SECTION WASHINGTON, DC 20235

FORM APPROVED O.M.B. No. 41-R2651 EXPIRES 1-81

RCVD 17 NOV 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.

FT028

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 McNeese State University Lk Charles, LA 70609			
2. EXPEDITION, PROJECT, OR PROGRAM DURING WHICH DATA WERE COLLECTED STAR - Drine Disposal Analysis		3. CRUISE NUMBER(S) USED BY ORIGINATOR TO IDENTIFY DATA IN THIS SHIPMENT P08104 PI8104	
4. PLATFORM NAME(S) Cajun Special Capt. Brady S	5. PLATFORM TYPE(S) (E.G., SHIP, BUOY, ETC.) Ship	6. PLATFORM AND OPERATOR NATIONALITY(IES) PLATFORM OPERATOR USA USA	7. DATES FROM: MO, DAY, YR TO: MO, DAY, YR 3/31/81 4/7/81
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 checked="" type="checkbox"/> NO <input 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) Mapples 318-477-2520			

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
Count	by species			

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

See attached

2. GIVE BRIEF DESCRIPTION OF FILE ORGANIZATION

Format 028 See attached

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

4. RESPONSIBLE COMPUTER SPECIALIST:

NAME AND PHONE NUMBER _____

ADDRESS _____

J Foreman

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 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 type="checkbox"/> _____</p>
<p>7. PARITY</p> <p><input 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>N/L</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>13. LENGTH OF BYTES IN BITS</p>

PARAMETER	DESCRIPTION	SC
MASTER RECORD	ALWAYS '1'	10
STATION NUMBER	FIVE-CHARACTER FIELD ASSIGNED BY THE ORIGINATOR - ALSO INCLUDED IN RECORD TYPES 2, 3 AND 4	11
LATITUDE	DDMMSS PLUS HEMISPHERE 'N' OR 'S'	16
LONGITUDE	DDMMSS PLUS HEMISPHERE 'E' OR 'W'	23
DATE (GMT)	YYMMDD	31
TIME (GMT)	XXXX (HOURS AND MINUTES)	37
TIME ZONE	XX PRECEDED BY + OR - SIGN	41
DEPTH TO BOTTOM	XXXXX (WHOLE METERS)	44
BLANKS		49
TEXT RECORD	ALWAYS '2'	10
STATION NUMBER	SEE RECORD '1'	11
TEXT	62-CHARACTER FIELD FOR COMMENTS OR PERTINENT INFORMATION	16
SEQUENCE NUMBER	XXX - USED FOR SORTING EITHER TEXT INFORMATION OR POSITION OF TEXT WITHIN DATA RECORDS - ALSO INCLUDED IN RECORD TYPE 3 AND 4	78
DETAIL 1 RECORD	ALWAYS '3'	10
STATION NUMBER	SEE RECORD '1'	11
SAMPLE NUMBER	FOUR-CHARACTER FIELD ASSIGNED BY THE ORIGINATOR	16
SAMPLE DEPTH	XXXX (METERS TO TENTHS)	20
TAXONOMIC CODE	TEN-CHARACTER CODE - USE NOOC TAXONOMIC CODES	24
SUBSPECIES CODE	TWO CHARACTER CODE - USE NOOC TAXONOMIC CODES	34
BLANK		30
COUNT	XXXXX - COUNT OF EACH SPECIES IDENTIFIED IN TAXONOMIC FIELD	37
NUMBER OF CELLS/LITER	XXXXXXXXX - NUMBER OF CELLS FOR EACH SPECIES IDENTIFIED IN TAXONOMIC FIELD	42
WET WEIGHT	XXXXXXXX (GRAMS TO THOUSANDTHS)	51
DRY WEIGHT	XXXXXXXX (GRAMS TO THOUSANDTHS)	50
VOLUME OF WATER FILTERED	XXXXX (WHOLE MILLILITERS)	65
BLANKS		70
SEQUENCE NUMBER	SEE RECORD '2'	78

MSU Phytoplankton Dummy Codes

9990280001

Thalassiosira weissflogii

9990280002

Chaetoceros decipiens

9990280003

Melosira distans

9990280004

Diploneis weissflogii

Water Chem

T319834, File 7-10

ACCESSION NUMBER

8100704

DATA DOCUMENTATION FORM

TR7674-7677

FORM 24-13 (1-77)

U.S. DEPARTMENT OF COMMERCE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION NATIONAL OCEANOGRAPHIC DATA CENTER RECORDS SECTION WASHINGTON, DC 20235

FORM APPROVED O.M.B. No. 41-R2651 EXPIRES 1-81

RCVD 17 NOV 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.

FT004

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 TAMU Envir. Eng Div. College Station, TX 77843			
2. EXPEDITION, PROJECT, OR PROGRAM DURING WHICH DATA WERE COLLECTED SPR - Brine Disposal Analysis Program		3. CRUISE NUMBER(S) USED BY ORIGINATOR TO IDENTIFY DATA IN THIS SHIPMENT 020381 052181 030781 040981	
4. PLATFORM NAME(S) LadyGloria	5. PLATFORM TYPE(S) (E.G., SHIP, BUOY, ETC.) Ship	6. PLATFORM AND OPERATOR NATIONALITY(IES) PLATFORM OPERATOR USA USA	7. DATES FROM: MO, DAY, YR TO: MO, DAY, YR 2/3/81 5/22/81
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 checked="" type="checkbox"/> NO <input 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) R. W. Hann, Sr. 713-845-1418			

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
Temp	°C			
Sal	‰			
O ₂	ml/l			

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

Format 004

2. GIVE BRIEF DESCRIPTION OF FILE ORGANIZATION

Record Length = Blksize = 80

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

4. RESPONSIBLE COMPUTER SPECIALIST:

NAME AND PHONE NUMBER Foreman
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 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 type="checkbox"/> _____</p>
<p>7. PARITY</p> <p><input 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 style="text-align: center; font-size: 1.2em;">NL</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>13. LENGTH OF BYTES IN BITS</p>	

PARAMETER	DESCRIPTION	SC
FILE HEADER RECORD	ALWAYS '1'	10
VESSEL	11-CHARACTER VESSEL NAME	11
CRUISE	SIX-CHARACTER ORIGINATOR'S CRUISE ID	22
CRUISE DATES	MM/DD/YY-MM/DD/YY - BEGIN-END DATES	20
SENIOR SCIENTIST	19-CHARACTER FIELD FOR SCIENTIST NAME	45
INVESTIGATOR	17-CHARACTER FIELD FOR RESPONSIBLE INSTITUTION	64

PARAMETER	DESCRIPTION	SC
FIRST STATION HEADER RECORD	ALWAYS '2'	10
SEQUENCE	XXX - THREE CHARACTER SEQUENCE NUMBER	11
STATION	FIVE-CHARACTER STATION IDENTIFIER	14
LATITUDE	DDMMSS PLUS HEMISPHERE 'N' OR 'S'	19
LONGITUDE	DDMMSS PLUS HEMISPHERE 'E' OR 'W'	26
TIME (GMT)	XXX - HOURS TO TENTHS	34
DATE	MM/DD/YY	37
BOTTOM	XXXXX - WATER DEPTH (METERS TO TENTHS)	45
NAVIGATION	TWO-CHARACTER CODE - USE CODE 0005	50
METHOD	ONE-CHARACTER CODE - USE CODE 0300	52
CABIN TEMPERATURE	XXX - DEG C TO TENTHS	53
BOX TEMPERATURE	XX - DEG C (WHOLE DEGREES)	58
BLANKS		58

PARAMETER	DESCRIPTION	SC
SECOND STATION HEADER RECORD	ALWAYS '3'	10
SEQUENCE	SEE RECORD '2'	11
STATION	SEE RECORD '2'	14
BAROMETER	XXX - MILLIDARS TO TENTHS	19
DRY BULB TEMPERATURE	XXXX NEGATIVE TEMPERATURES ARE PRECEDED BY A MINUS SIGN ADJACENT TO TEMPERATURE VALUE - DEG C TO TENTHS	22
WET BULB TEMPERATURE	XXXX NEGATIVE TEMPERATURES ARE PRECEDED BY A MINUS SIGN ADJACENT TO TEMPERATURE VALUE - DEG C TO TENTHS	26
WIND DIRECTION	TWO-CHARACTER CODE - USE CODE 0110	30
WIND SPEED	XX - KNOTS	32
SEA DIRECTION	TWO-CHARACTER CODE - USE CODE 0110	34
SEA HEIGHT	ONE-CHARACTER CODE - USE CODE 0104	36
SWELL DIRECTION	TWO-CHARACTER CODE - USE CODE 0110	37
SWELL HEIGHT	ONE-CHARACTER CODE - USE CODE 0104	39
WEATHER	ONE-CHARACTER CODE - USE CODE 0100	40
CLOUD TYPE	ONE-CHARACTER CODE - USE CODE 0053	41
CLOUD COVER	ONE-CHARACTER CODE - USE CODE 0105	42
VISIBILITY	ONE-CHARACTER CODE - USE CODE 0157	43
TRANSPARENCY	XXXX - SECCIII DISC DEPTH (METERS TO TENTHS)	44
TURBIDITY	ONE-CHARACTER CODE - USE CODE 0094	48
BLANKS		49

DATA RECORD 1	ALWAYS '4'	10
SEQUENCE	SEE RECORD '2'	11
STATION	SEE RECORD '2'	14
DEPTH	XXXX - SAMPLE DEPTH (METERS TO TENTHS)	19
TEMPERATURE	XXXXX - WATER TEMPERATURE (DEG C TO THOUSANDTHS)	23
SALINITY	XXXXX - PARTS PER THOUSAND TO THOUSANDTHS	20
SIGMA-T	XXXX - TO HUNDREDTHS	33
TRANSMISSIVITY	XXX - PERCENT TO TENTHS	37
PH	XXX - TO HUNDREDTHS	40
EH	XXXX - TO HUNDREDTHS	43
OXYGEN	XXXX - DISSOLVED OXYGEN (ML/L TO HUNDREDTHS)	47
AMMONIA	XXX - UG-ATOMS/L TO TENTHS	51
NITRITE	XXX - UG-ATOMS/L TO HUNDREDTHS	54
NITRATE	XXXX - UG-ATOMS/L TO HUNDREDTHS	57
SILICATE	XXXX - UG-ATOMS/L TO HUNDREDTHS	61
PHOSPHATE	XXX - INORGANIC UG-ATOMS/L TO HUNDREDTHS	65
SOLIDS	XXXX - SUSPENDED SOLIDS (MG/L TO HUNDREDTHS)	68
TURBIDITY	XXXX - MG/L TO HUNDREDTHS	72
CHLOROPHYLL	XXXXX - MG/CUBIC METER TO HUNDREDTHS	76

DATA RECORD 2	ALWAYS '5'	10
SEQUENCE	SEE RECORD '2'	11
STATION	SEE RECORD '2'	14
DEPTH	XXXX - SEE RECORD '4'	19
TEMPERATURE	XXXXX - SEE RECORD '4'	23
SALINITY	XXXXX - SEE RECORD '4'	28
SIGMA-T	XXXX - SEE RECORD '4'	33
EAST-WEST CURRENT COMPONENT (U)	XXXXX - CM/SEC TO TENTHS	37
NORTH-SOUTH CURRENT COMPONENT (V)	XXXXX - CM/SEC TO TENTHS	42
TRANSMISSIVITY	XXX - PERCENT TO TENTHS	47
PH	XXX - TO HUNDREDTHS	50
OXYGEN	XXXX - SEE RECORD '4'	53
AMMONIA	XXX - UG-ATOMS/L TO TENTHS	57
NITRITE	XXX - UG-ATOMS/L TO HUNDREDTHS	60
NITRATE	XXXX - UG-ATOMS/L TO HUNDREDTHS	63
SILICATE	XXXX - UG-ATOMS/L TO HUNDREDTHS	68
PHOSPHATE	XXX - SEE RECORD '4'	72
CHLOROPHYLL	XXXXX - SEE RECORD '4'	75
BLANK		80

DATE:

TO: OC12

FROM: OC13

SUBJECT: Error Correction in Processing of Data Set - Accession 18100704

- 1) File Type: F004, F024, F028, F123
- 2) Project Ident.: 0091 (Prime Disposal)
- 3) Track Nos.: TR 7668-79

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.: 8100704

TRACK NO(s): TR 7668-79

Type of Tape	Tape Number	Label	LRECL	BLKSIZE	RECFM	Remarks
Originator	B19834	NL	80	80	9-tr 1600 BPI EBCDIC	
Duplicate	22150	SL	80	80	9-tr 1600 BPI ASCII	*
Reformatted	:					
First User						
Final User						
* Label = DNOD F024 T 7668.						

ACCESSION/TRACK # 8100709/TR 7668-79

Step	Completion Date/Init.		Tape # or DSN	# of Files	BLKSIZE	LRECL	# RECORDS
ORIGINATOR TAPE	11/14/83	JBP	B19834	12	80	80	
QUADI/SCAN TAPE	11/14/83	JBP	22150	12	80	80	
ASSIGNED FOR PROCESS.							
DDF EVALUATION							
QUALITY REVIEW							
PRELIMINARY DATA SORT							
PRELIMINARY MULCHEK							
FIRST USER TAPE							
WORK DISK FILE							
FINAL USER TAPE							
FINAL MULCHEK							
EDITED DISK FILE							
DATA SET "FINALIZED"							

Password:

accNo	fleA	refNo	proj	inst	ship	startDate	cruise	catId
8100704	F005	TR7666	0093	3124	317F	1980/01/24	012480	315333
8100704	F123	TR7670	0093	31MN	32B0	1981/04/21	NO8104	315337
8100704	F028	TR7672	0093	31MN	32B0	1981/03/31	PO8104	315339
8100704	F123	TR7671	0093	31MN	32C0	1981/04/28	NI8104	315338
8100704	F028	TR7673	0093	31MN	32C0	1981/04/07	PI8104	315340
8100704	F123	TR7658	0093	3124	32J2	1981/06/02	060281	315331
8100704	F123	TR7659	0093	3124	32J2	1981/06/18	061681	315332
8100704	F005	TR7667	0093	3124	32L7	1981/04/13	041381	315334
8100704	F124	TR7668	0093	3124	32L7	1980/09/02	090280	315335
8100704	F124	TR7669	0093	3124	32L7	1980/11/24	112480	315336
8100704	F124	TR7678	0093	3124	32L7	1980/09/17	091780	315345
8100704	F124	TR7679	0093	3124	32L7	1980/11/01	110180	315346
8100704	F004	TR7674	0093	3124	32LQ	1981/02/03	020381	315341
8100704	F004	TR7675	0093	3124	32LQ	1981/03/07	030781	315342
8100704	F004	TR7676	0093	3124	32LQ	1981/04/09	040981	315343
8100704	F004	TR7677	0093	3124	32LQ	1981/05/21	052181	315344

(16 rows affected)

Password:

accNo	fleA	refNo	ship	staCnt	recCnt	startDate	endDate
8100704	F005	TR7666	317F	3	2206	80/01/24	80/03/01
8100704	F123	TR7670	32B0	26	3043	81/04/21	81/04/22
8100704	F028	TR7672	32B0	11	380	81/03/31	81/03/31
8100704	F123	TR7671	32C0	8	1499	81/04/28	81/04/29
8100704	F028	TR7673	32C0	5	149	81/04/07	81/04/07
8100704	F123	TR7658	32J2	0	10713	81/06/02	81/06/10
8100704	F123	TR7659	32J2	0	11027	81/06/18	81/06/19
8100704	F005	TR7667	32L7	0	258	81/04/13	81/06/10
8100704	F124	TR7668	32L7	1	937	80/09/02	80/09/02
8100704	F124	TR7669	32L7	1	803	80/11/24	80/11/24
8100704	F124	TR7678	32L7	12	811	80/09/17	80/09/17
8100704	F124	TR7679	32L7	12	676	80/11/01	80/11/01
8100704	F004	TR7674	32LQ	34	144	81/02/03	81/02/15
8100704	F004	TR7675	32LQ	26	112	81/03/07	81/03/08
8100704	F004	TR7676	32LQ	21	87	81/04/09	81/04/10
8100704	F004	TR7677	32LQ	30	133	81/05/21	81/06/22

(16 rows affected)