

RCVD: 10/29/80

DATA DOCUMENTATION FORM

CAA 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

FT032

5 TRACKS

TR 6296

(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.)

TR 6297

TR 6299

TR 6300

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

Texas A&M University Environmental Engineering Div. College Station TX 77843

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

Bryan mound SPR - Brine Disposal Analysis Program

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

040380, 042180, 042479, 052479, 062579

4. PLATFORM NAME(S)

R/V Excellence

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

Ship

6. PLATFORM AND OPERATOR NATIONALITY(IES)

USA

USA

7. DATES

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

4/24/79

4/21/80

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

9. ARE DATA DECLARED NATIONAL PROGRAM (DNP)?

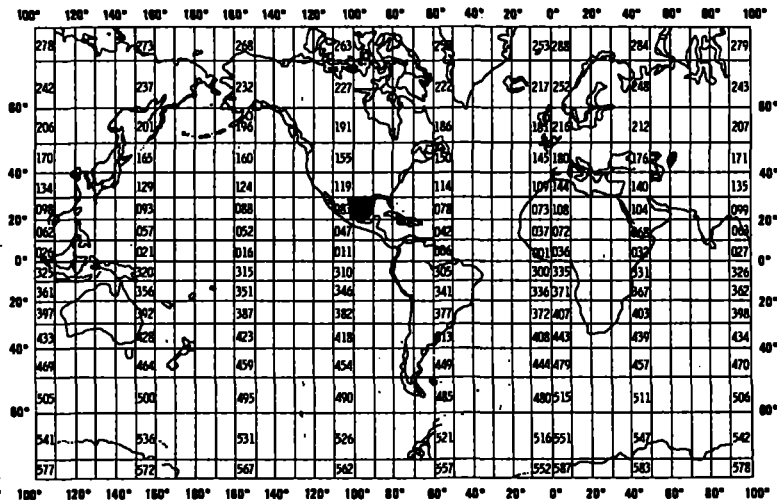
(I.E., SHOULD THEY BE INCLUDED IN WORLD DATA CENTERS HOLDINGS FOR INTERNATIONAL EXCHANGE?)

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. Hann, Jr.

713-845-1418



F. MITCHELL

## 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
Benthos		Birge Zirkon grab sampler		

### 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

COMPLETE THIS SECTION FOR PUNCHED CARDS OR TAPE, MAGNETIC TAPE, OR DISC SUBMISSIONS.

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

Format 032, magg Tape

2. GIVE BRIEF DESCRIPTION OF FILE ORGANIZATION

See attached

File

- 1 - 4/3/80 - 733 records
- 2 - 4/21/80 - 786 "
- 3 - 4/24/79 - 603 "
- 4 - 5/24/79 - 344 "
- 5 - 6/25/79 - 275 "

PL, record length = block size = 68

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  <input type="checkbox"/> ASCII    <input checked="" type="checkbox"/> EBCDIC  <input type="checkbox"/> _____                 </p>	<p>9. LENGTH OF INTER-RECORD GAP (IF KNOWN) <input type="checkbox"/> 3/4 INCH  <input type="checkbox"/> _____</p>
<p>6. NUMBER OF TRACKS (CHANNELS)</p> <p> <input type="checkbox"/> SEVEN  <input checked="" type="checkbox"/> NINE  <input type="checkbox"/> _____                 </p>	<p>10. END OF FILE MARK <input type="checkbox"/> OCTAL 17  <input type="checkbox"/> _____</p>
<p>7. PARITY</p> <p> <input type="checkbox"/> ODD  <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>8. DENSITY</p> <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"/> _____                 </p>	<p>12. PHYSICAL BLOCK LENGTH IN BYTES</p> <p>13. LENGTH OF BYTES IN BITS</p>

## 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.

DATE:

TO:

FROM:

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

DDF ~~B:3:03~~

B:3:05

8000503  
8000602  
8000603

8100471

- 1) File Type: 032
- 2) Project Ident.: BRINE DISPOSAL
- 3) Track Nos.: TR 6296-6300, 6482-83  
6848-51

I. Error Corrections as reported to Principal Investigator:

<u>Error</u>	<u>Correction Completed (Check)</u>
-99 in penetration field (20-22)	✓ (FOM)

II. Additional error corrections:

<u>Error</u>	<u>Correction Completed (Check)</u>
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1. Lap codes changed (over) →

2. Entered (~~342~~ / mo / day) for Station 9, TR 6850 (80033)

III. Processor Name: M Lewis

TAX CODE OLD	TAX CODE NEW (NAME)
5515010302	5515006015 - LUCINA AMIANTUS
5001440109	5001440109 - MAGELONA PHYLLISAE
999073	5001440115 - MAGELONA CINCTA
999863	5001220107 - ANEISTROSYLLIS COMENSALIS

The above codes were changed in the data.



TAPE OR DISK ASSIGNMENT SHEET

(MRL) 11/6/78

(Rev. 11/80)

TR 6296-6300, 6482-83, 6848-51

POSITION/TRACK NO.: 8000503, 8000602, 8000603, 8100471

TYPE OF TAPE	TAPE NUMBER	LABEL	LRECL	BLKSIZE	RECFM	REMARKS	# RECORDS
ORIGINATOR	B19333 B18962 B19072	<sup>471</sup> <sup>SD3</sup> NL <sup>602</sup> <sup>603</sup>	88	88	F		5592
DUPLICATE	817 <del>834</del>	SL	88	224	SDIF	*	5592
REFORMATTED							
FIRST USER							
FINAL USER							
DISK FILE	DSN					REMARKS	# RECORDS
WORK DISK FILE						D15773 * F032. TR6296	5592
EDITED DISK FILE							

\* LABEL = NODC \* F032 T6296.

FILE ID = TRACK NO.

DATA SET ROUTE SHEET

8000503, 8000602  
800603, 8100471

ACCESSION/TRACK #

TR6296-6300  
6482-83, 6848-5

Step	Completion Date/Init.		Tape # or DSN	# of Files	BLKSIZE	LRECL	# RECORDS
ORIGINATOR TAPE #	3/5/81	FJM	819333 818962	11	88	88	5592
QUADI/SCAN TAPE #			819072				
ASSIGNED FOR PROCESS.							
DDF EVALUATION	5/24/82	MR					
QUALITY REVIEW	5/24/82	MR					
PRELIMINARY DATA SORT							
PRELIMINARY MULCHEK	5/24/82	MR	D15773*F032		TR6296		5592
FIRST USER TAPE #							
WORK DISK FILE	5/24/82	MR	D15773*F032		TR6296		5592
FINAL USER TAPE #							
FINAL MULCHEK	5/24/82	MR	D15773*F032		TR6296		5592
EDITED DISK FILE							
DATA SET "FINALIZED"							

FORMAT DESCRIPTION: BENTHIC ORGANISMS (032)

Field Name	Position from - 1 measured in Bytes	Length in Bytes	Code	Use and Meaning
<u>Header Record</u>				
FILE TYPE	1	3	A3	Always "032"
CRUISE NUMBER	4	6	A6	
RECORD TYPE	10	1	I1	Always "1"
SHIP NAME	11	6	A6	
TEXT	17	62	62A1	
<del>SEQUENCE NUMBER</del>	<del>79</del>	<del>2</del>	<del>I2</del>	<del>Incremented by one for each text record</del>
BLANK	8179	8	8X	
<u>Station (Sample) Header Record</u>				
FILE TYPE	1	3	A3	Always "032"
CRUISE NUMBER	4	6	A6	
RECORD TYPE	10	1	A1	Always "2"
STATION NUMBER	11	5	I5	
START DEPTH	16	4	I4	To whole meters
START DATE (GMT)				
YEAR	20	2	I2	00 to 99
MONTH	22	2	I2	01 to 12
DAY	24	2	I2	01 to 31
START TIME (GMT)				
HOUR	26	3	I3	To tenths (000 to 239)
START LATITUDE				
DEGREES	29	2	I2	00 to 80
MINUTES	31	2	I2	00 to 59
SECONDS	33	2	I2	00 to 59
HEMISPHERE	35	1	A1	"N" or "S"
START LONGITUDE				
DEGREES	36	3	I3	000 to 180
MINUTES	39	2	I2	00 to 59
SECONDS	41	2	I2	00 to 59
HEMISPHERE	43	1	A1	"E" or "W"
END DEPTH	44	4	I4	To whole meters
END DATE (GMT)				
YEAR	48	2	I2	00 to 99
MONTH	50	2	I2	01 to 12
DAY	52	2	I2	01 to 31
END TIME (GMT)				
HOURS	54	3	I3	To tenths (000 to 239)
END LATITUDE				
DEGREES	57	2	I2	00 to 90
MINUTES	59	2	I2	00 to 59
SECONDS	61	2	I2	00 to 59
HEMISPHERE	63	1	A1	"N" or "S"
END LONGITUDE				
DEGREES	64	3	I3	000 to 180
MINUTES	67	2	I2	00 to 59

FORMAT DESCRIPTION: BENTHIC ORGANISMS (032) (Continued)

Field Name	Position from - 1 measured in Bytes	Length in Bytes	Code	Use and Meaning
<u>Station (Sample) Header Record (Continued)</u>				
SECONDS	69	2	I2	00 to 59
HEMISPHERE	71	1	A1	"E" or "W"
<del>DISTANCE OFFSHORE</del>	<del>72</del>	<del>3</del>	<del>I3</del>	<del>Distance to nearest shoreline in whole kilometers.</del>
<del>TOW DIRECTION</del>	<del>75</del>	<del>3</del>	<del>I3</del>	<del>Direction from true North in whole degrees.</del>
BLANK	787z	915	9X 15	
<u>Segment Detail Record</u>				
FILE TYPE	1	3	I3	Always "032"
CRUISE NUMBER	4	6	I6	
RECORD TYPE	10	1	I1	Always "3"
STATION NUMBER	11	5	I5	
<del>SAMPLE SEGMENT</del>				
<del>START DEPTH</del>	<del>16</del>	<del>2</del>	<del>I2</del>	<del>Start depth of segment within sample in cm.</del>
<del>END DEPTH</del>	<del>18</del>	<del>2</del>	<del>I2</del>	<del>End depth of segment within sample in cm.</del>
PENETRATION DEPTH	20	3	I3	Core penetration in mm.
AREA SAMPLED	23	7	I7	Meters squared to thousandth.
BOTTOM SALINITY	30	5	I5	Parts per thousand to thousandths
BOTTOM TEMPERATURE	35	4	I4	Degrees Celsius to hundredths
BOTTOM OXYGEN	39	3	I3	Milliliters per liter to tenths
SEDIMENT ORGANIC				
CARBON	42	4	I4	Percent by weight to hundredths
SEDIMENT TOTAL CARBON	46	4	I4	Percent by weight to hundredths
SAND	50	3	I3	Percent by volume to tenths
SILT	53	3	I3	Percent by volume to tenths
CLAY	56	3	I3	Percent by volume to tenths
MINIMUM SIEVE SIZE	59	4	I4	Millimeters to hundredths
WIRE LENGTH	63	4	I4	Length of wire out in whole meters
WIRE ANGLE	67	2	I2	In whole degrees from verticals
AVERAGE PHI SIZE	69	3	I3	To tenths
EQUIPMENT CODE	72	3	A3	"BMT" = Beam Trawl "OTB" = Otter Trawl "SMG" = Smith-MacIntyre Grab "DSC" = Deep Sea Camera "MCB" = Multiple Core "QMB" = 1/4 Meter Sq. Box Core "GMB" = 1/10 Meter Sq. Box Core "VVG" = Van Veen Grab
SAMPLE NUMBER	75	4	I4	Originator's Number

FORMAT DESCRIPTION: BENTHIC ORGANISMS (032) (Continued)

Field Name	Position from - 1 measured in Bytes	Length in Bytes	Code	Use and Meaning
<u>Segment Detail Record (Continued)</u>				
SEGMENT SEQUENCE	79	2	I2	Sequential number indicating an individual segment of a sample. These numbers should be consecutive (01,02,03,etc.)
SAMPLE VOLUME	81	4	I4	Liters to tenths
NUMBER OF GRABS	85	2	I2	Total number making up sample volume

Species Record

FILE TYPE	1	3	A3	Always "032"
CRUISE NUMBER	4	6	A6	
RECORD TYPE	10	1	I1	Always "5"
STATION NUMBER	11	5	I5	
SPECIES CODE	16	10	5A2	
<del>SUB SPECIES CODE</del>	<del>26</del>	<del>2</del>	<del>A2</del>	
NUMBER OF INDIVIDUALS	28	5	I5	
<del>SPECIES TOTAL WEIGHT</del>	<del>33</del>	<del>10</del>	<del>I10</del>	<del>Grams to thousandths</del>
BLANK	43	36	36X	
SEGMENT SEQUENCE NUMBER	79	2	I2	Corresponding to the sample segment sequence number in which the species is found. (e.g., when record type 3 has a segment sequence no. of 06, all record type 5 records associated will have segment sequence no. of 06.)
BLANK	81	6	6X	

The first N records (optional) of each file may be Type 1 records sequenced in ascending order 01 through N. Each sampling station within the file will begin with a single Type 2 record. Each segment within a sample will have one Type 3 record with a unique, ascending sequence number (01 through the total number of delineated segments). Each species detected in a segment will have a unique Type 5 record and will be tied to the segment with a corresponding segment sequence number.

1319072 TAPE

ACCESSION NUMBER

80-00602

86-00603

TR6483 - FILE  
TR6482 - FILE 2

RCVD: 12/5/80

DATA DOCUMENTATION FORM

NOAA FORM 24-13 (4-77)

U.S. DEPARTMENT OF COMMERCE  
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION  
NATIONAL OCEANOGRAPHIC DATA CENTER  
RECORDS SECTION  
WASHINGTON, DC. 20295

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

TWO TRACKS

(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.)

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FT032

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  Texas A&M University 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  121975 012880	
4. PLATFORM NAME(S)  R/V Excellence	5. PLATFORM TYPE(S) (E.G., SHIP, BUOY, ETC.)  Ship	6. PLATFORM AND OPERATOR NATIONALITY(IES)  USA USA	7. DATES FROM: MO/DAY/YR TO: MO/DAY/YR  12/19/79 1/28/80
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. 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
Benthos		Birge Ekman grab sampler		

### 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 032

2. GIVE BRIEF DESCRIPTION OF FILE ORGANIZATION

See attached

File	
1	12/19/79
2	1/28/80

record length = block size = 88

3. ATTRIBUTES AS EXPRESSED IN

<input type="checkbox"/> PL-1	<input type="checkbox"/> ALGOL	<input type="checkbox"/> COBOL
<input checked="" type="checkbox"/> FORTRAN	<input type="checkbox"/> _____	<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%;"> <tr> <td><input type="checkbox"/> BCD</td> <td><input type="checkbox"/> BINARY</td> </tr> <tr> <td><input checked="" type="checkbox"/> ASCII</td> <td><input checked="" type="checkbox"/> EBCDIC</td> </tr> <tr> <td><input type="checkbox"/> _____</td> <td></td> </tr> </table>	<input type="checkbox"/> BCD	<input type="checkbox"/> BINARY	<input checked="" 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</p> <p><input type="checkbox"/> _____</p>		
<input type="checkbox"/> BCD	<input type="checkbox"/> BINARY								
<input checked="" 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</p> <table style="width: 100%;"> <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									
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<input type="checkbox"/> _____									
<p>7. PARITY</p> <table style="width: 100%;"> <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="font-size: 2em; text-align: center; margin-top: 20px;">NL</p>						
<input type="checkbox"/> ODD									
<input type="checkbox"/> EVEN									
<p>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><input type="checkbox"/> _____</td> <td></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"/> _____									



Field Name	Position from - 1 measured in Bytes	Length in Bytes	Code	Use and Meaning
<u>Header Record</u>				
FILE TYPE	1	3	A3	Always "032"
CRUISE NUMBER	4	6	A6	
RECORD TYPE	10	1	I1	Always "1"
SHIP NAME	11	6	A6	
TEXT	17	62	62A1	
SEQUENCE NUMBER	79	2	I2	Incremented by one for each text record
BLANK	8179	8	8X	

Station (Sample) Header Record

FILE TYPE	1	3	A3	Always "032"
CRUISE NUMBER	4	6	A6	
RECORD TYPE	10	1	A1	Always "2"
STATION NUMBER	11	5	I5	
START DEPTH	16	4	I4	To whole meters
START DATE (GMT)				
YEAR	20	2	I2	00 to 99
MONTH	22	2	I2	01 to 12
DAY	24	2	I2	01 to 31
START TIME (GMT)				
HOUR	26	3	I3	To tenths (000 to 239)
START LATITUDE				
DEGREES	29	2	I2	00 to 80
MINUTES	31	2	I2	00 to 59
SECONDS	33	2	I2	00 to 59
HEMISPHERE	35	1	A1	"N" or "S"
START LONGITUDE				
DEGREES	36	3	I3	000 to 180
MINUTES	39	2	I2	00 to 59
SECONDS	41	2	I2	00 to 59
HEMISPHERE	43	1	A1	"E" or "W"
END DEPTH	44	4	I4	To whole meters
END DATE (GMT)				
YEAR	48	2	I2	00 to 99
MONTH	50	2	I2	01 to 12
DAY	52	2	I2	01 to 31
END TIME (GMT)				
HOURS	54	3	I3	To tenths (000 to 239)
END LATITUDE				
DEGREES	57	2	I2	00 to 90
MINUTES	59	2	I2	00 to 59
SECONDS	61	2	I2	00 to 59
HEMISPHERE	63	1	A1	"N" or "S"
END LONGITUDE				
DEGREES	64	3	I3	000 to 180
MINUTES	67	2	I2	00 to 59

FORMAT DESCRIPTION: BENTHIC ORGANISMS (032) (Continued)

Field Name	Position from - 1 measured in Bytes	Length in Bytes	Code	Use and Meaning
------------	-------------------------------------	-----------------	------	-----------------

Station (Sample) Header Record (Continued)

SECONDS	69	2	I2	00 to 59
HEMISPHERE	71	1	A1	"E" or "W"
<del>DISTANCE OFFSHORE</del>	<del>72</del>	<del>3</del>	<del>I3</del>	<del>Distance to nearest shoreline in whole kilometers.</del>
<del>TOW DIRECTION</del>	<del>75</del>	<del>3</del>	<del>I3</del>	<del>Direction from true North in whole degrees.</del>
BLANK	787z	915	9X 15	

Segment Detail Record

FILE TYPE	1	3	I3	Always "032"
CRUISE NUMBER	4	6	I6	
RECORD TYPE	10	1	I1	Always "3"
STATION NUMBER	11	5	I5	
<del>SAMPLE SEGMENT</del>				
<del>START DEPTH</del>	<del>16</del>	<del>2</del>	<del>I2</del>	<del>Start depth of segment within sample in cm.</del>
<del>END DEPTH</del>	<del>18</del>	<del>2</del>	<del>I2</del>	<del>End depth of segment within sample in cm.</del>
PENETRATION DEPTH	20	3	I3	Core penetration in mm.
AREA SAMPLED	23	7	I7	Meters squared to thousandth.
WATER SALINITY	30	5	I5	Parts per thousand to thousandths
BOTTOM TEMPERATURE	35	4	I4	Degree, Celsius to hundredths
BOTTOM OXYGEN	39	3	I3	Milliliters per liter to tenths
SEDIMENT ORGANIC CARBON	42	4	I4	Percent by weight to hundredths
SEDIMENT TOTAL CARBON	46	4	I4	Percent by weight to hundredths
SAND	50	3	I3	Percent by volume to tenths
SILT	53	3	I3	Percent by volume to tenths
CLAY	56	3	I3	Percent by volume to tenths
MINIMUM SIEVE SIZE	59	4	I4	Millimeters to hundredths
WIRE LENGTH	63	4	I4	Length of wire out in whole meters
WIRE ANGLE	67	2	I2	In whole degrees from verticals
AVERAGE PHI SIZE	69	3	I3	To tenths
EQUIPMENT CODE	72	3	A3	"BMT" = Beam Trawl "OTB" = Otter Trawl "SMG" = Smith-MacIntyre Grab "DSC" = Deep Sea Camera "MCB" = Multiple Core "QMB" = 1/4 Meter Sq. Box Core "GMB" = 1/10 Meter Sq. Box Core "VVG" = Van Veen Grab
FILE NUMBER	75	4	I4	Originator's Number

Field Name	Position from - 1 measured in Bytes	Length in Bytes	Code	Use and Meaning
------------	-------------------------------------	-----------------	------	-----------------

Segment Detail Record (Continued)

SEGMENT SEQUENCE	79	2	I2	Sequential number indicating an individual segment of a sample. These numbers should be consecutive (01,02,03,etc.)
SAMPLE VOLUME	81	4	I4	Liters to tenths
NUMBER OF GRABS	85	2	I2	Total number making up sample volume

Species Record

FILE TYPE	1	3	A3	Always "032"
CREISE NUMBER	4	6	A6	
RECORD TYPE	10	1	I1	Always "5"
STATION NUMBER	11	5	I5	
SPECIES CODE	16	10	5A2	
<del>SUB SPECIES CODE</del>	<del>25</del>	<del>2</del>	<del>A2</del>	
NUMBER OF INDIVIDUALS	28	5	I5	
<del>SPECIES TOTAL WEIGHT</del>	<del>33</del>	<del>10</del>	<del>I10</del>	<del>Gross to thousandths</del>
BLANK	43	36	36X	
SEGMENT SEQUENCE NUMBER	79	2	I2	Corresponding to the sample segment sequence number in which the species is found. (e.g., when record type 3 has a segment sequence no. of 06, all record type 5 records associated will have segment sequence no. of 06.)
BLANK	81	6	6X	

The first N records (optional of each file may be Type 1 records sequenced in ascending order 01 through N. Each sampling station within the file will begin with a single Type 2 record. Each segment within a sample will have one Type 3 record with a unique, ascending sequence number (01 through the total number of delineated segments). Each species detected in a segment will have a unique Type 5 record and will be tied to the segment with a corresponding segment sequence number.

RCVD: 3/25/81

DATA DOCUMENTATION FORM

TR6850  
TR6851  
TR6848  
TR6849

NO. FORM 24-13  
12-77

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

FT032

(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  Texas A&M University Environ. Eng. Div. College Station, TX 77843			
2. EXPEDITION, PROJECT, OR PROGRAM DURING WHICH DATA WERE COLLECTED  SRZ-Trime Disposal Analysis Program		3. CRUISE NUMBER(S) USED BY ORIGINATOR TO IDENTIFY DATA IN THIS SHIPMENT  03380    070280 042380 052880	
4. PLATFORM NAME(S)  R/V Excellence	5. PLATFORM TYPE(S) (E.G., SHIP, BUOY, ETC.)  Ship	6. PLATFORM AND OPERATOR NATIONALITY(IES)  USA    USA	7. DATES FROM: MO/PAY/YR TO: MO/DAY/YR  3/31/80    7/2/80
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. Hann 713-845-1418	

B. SCIENTIFIC CONTENT

NAME OF DATA FIELD	REPORTING UNITS OR CODE	METHODS OF OBSERVATION INSTRUMENTS USED (SPECIFY TYPE AND MODEL)	ANALYTICAL METHODS (INCLUDING MODIFICATIONS) AND LABORATORY PROCEDURES	DATA PROCESSING TECHNIQUES WITH FILTERING AND AVERAGING
Benthos	Counts	Birge Ekman grab sampler		

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 032  
 File 1 - 3/31/80  
 2 - 4/23/80  
 3 - 5/28/80  
 4 - 7/2/80

2. GIVE BRIEF DESCRIPTION OF FILE ORGANIZATION

Record length = BLKSIZE = 88

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;">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>

Field Name	Position from - 1 measured in Bytes	Length in Bytes	Code	Use and Meaning
<u>Header Record</u>				
FILE TYPE	1	3	A3	Always "032"
CRUISE NUMBER	4	6	A6	
RECORD TYPE	10	1	I1	Always "1"
SHIP NAME	11	6	A6	
TEXT	17	62	62A1	
<del>SEQUENCE NUMBER</del>	<del>79</del>	<del>2</del>	<del>I2</del>	<del>Incremented by one for each text record</del>
BLANK	8179	8	8X	
<u>Station (Sample) Header Record</u>				
FILE TYPE	1	3	A3	Always "032"
CRUISE NUMBER	4	6	A6	
RECORD TYPE	10	1	A1	Always "2"
STATION NUMBER	11	5	I5	
START DEPTH	16	4	I4	To whole meters
START DATE (GMT)				
YEAR	20	2	I2	00 to 99
MONTH	22	2	I2	01 to 12
DAY	24	2	I2	01 to 31
START TIME (GMT)				
HOUR	26	3	I3	To tenths (000 to 239)
START LATITUDE				
DEGREES	29	2	I2	00 to 80
MINUTES	31	2	I2	00 to 59
SECONDS	33	2	I2	00 to 59
HEMISPHERE	35	1	A1	"N" or "S"
START LONGITUDE				
DEGREES	36	3	I3	000 to 180
MINUTES	39	2	I2	00 to 59
SECONDS	41	2	I2	00 to 59
HEMISPHERE	43	1	A1	"E" or "W"
END DEPTH	44	4	I4	To whole meters
END DATE (GMT)				
YEAR	48	2	I2	00 to 99
MONTH	50	2	I2	01 to 12
DAY	52	2	I2	01 to 31
END TIME (GMT)				
HOURS	54	3	I3	To tenths (000 to 239)
END LATITUDE				
DEGREES	57	2	I2	00 to 90
MINUTES	59	2	I2	00 to 59
SECONDS	61	2	I2	00 to 59
HEMISPHERE	63	1	A1	"N" or "S"
END LONGITUDE				
DEGREES	64	3	I3	000 to 180
MINUTES	67	2	I2	00 to 59

FORMAT DESCRIPTION: BENTHIC ORGANISMS (032) (Continued)

Field Name	Position from - 1 measured in Bytes	Length in Bytes	Code	Use and Meaning
<u>Station (Sample) Header Record (Continued)</u>				
SECONDS	69	2	I2	00 to 59
HEMISPHERE	71	1	A1	"E" or "W"
<del>DISTANCE OFFSHORE</del>	<del>72</del>	<del>3</del>	<del>I3</del>	<del>Distance to nearest shoreline in whole kilometers.</del>
<del>TOW DIRECTION</del>	<del>75</del>	<del>3</del>	<del>I3</del>	<del>Direction from true North in whole degrees.</del>
BLANK	7872	915	9X 15	
<u>Segment Detail Record</u>				
FILE TYPE	1	3	I3	Always "032"
CRUISE NUMBER	4	6	I6	
RECORD TYPE	10	1	I1	Always "3"
STATION NUMBER	11	5	I5	
<del>SAMPLE SEGMENT</del>				
<del>START DEPTH</del>	<del>16</del>	<del>2</del>	<del>I2</del>	<del>Start depth of segment within sample in cm.</del>
<del>END DEPTH</del>	<del>18</del>	<del>2</del>	<del>I2</del>	<del>End depth of segment within sample in cm.</del>
PENETRATION DEPTH	20	3	I3	Core penetration in mm.
AREA SAMPLED	23	7	I7	Meters squared to thousandths
TOTAL SALINITY	30	5	I5	Parts per thousand to thousandths
BOTTOM TEMPERATURE	35	4	I4	Degrees Celsius to hundredths
BOTTOM OXYGEN	39	3	I3	Milliliters per liter to tenths
SEDIMENT ORGANIC				
CARBON	42	4	I4	Percent by weight to hundredths
SEDIMENT TOTAL CARBON	46	4	I4	Percent by weight to hundredths
SAND	50	3	I3	Percent by volume to tenths
SILT	53	3	I3	Percent by volume to tenths
CLAY	56	3	I3	Percent by volume to tenths
MINIMUM SIEVE SIZE	59	4	I4	Millimeters to hundredths
WIRE LENGTH	63	4	I4	Length of wire out in whole meters
WIRE ANGLE	67	2	I2	In whole degrees from verticals
AVERAGE PHI SIZE	69	3	I3	To tenths
EQUIPMENT CODE	72	3	A3	"BMT" = Beam Trawl "OTB" = Otter Trawl "SMG" = Smith-MacIntyre Grab "DSC" = Deep Sea Camera "MCB" = Multiple Core "QMB" = 1/4 Meter Sq. Box Core "GMB" = 1/10 Meter Sq. Box Core "VVG" = Van Veen Grab
FILE NUMBER	75	4	I4	Originator's Number



Field Name	Position from - 1 measured in Bytes	Length in Bytes	Code	Use and Meaning
<u>Segment Detail Record (Continued)</u>				
SEGMENT SEQUENCE	79	2	I2	Sequential number indicating an individual segment of a sample. These numbers should be consecutive (01,02,03,etc.)
SAMPLE VOLUME	81	4	I4	Liters to tenths
NUMBER OF GRABS	85	2	I2	Total number making up sample volume

Species Record

FILE TYPE	1	3	A3	Always "032"
CRUISE NUMBER	4	6	A6	
RECORD TYPE	10	1	I1	Always "5"
STATION NUMBER	11	5	I5	
SPECIES CODE	16	10	5A2	
<del>SUB SPECIES CODE</del>	<del>26</del>	<del>2</del>	<del>A2</del>	
NUMBER OF INDIVIDUALS	28	5	I5	
<del>SPECIES TOTAL WEIGHT</del>	<del>33</del>	<del>10</del>	<del>I10</del>	<del>Gross to thousandths</del>
BLANK	43	36	36X	
SEGMENT SEQUENCE NUMBER	79	2	I2	Corresponding to the sample segment sequence number in which the species is found. (e.g., when record type 3 has a segment sequence no. of 06, all record type 5 records associated will have segment sequence no. of 06.)
BLANK	81	6	6X	

The first N records (optional) of each file may be Type 1 records sequenced in ascending order 01 through N. Each sampling station within the file will begin with a single Type 2 record. Each segment within a sample will have one Type 3 record with a unique, ascending sequence number (01 through the total number of delineated segments). Each species detected in a segment will have a unique Type 5 record and will be tied to the segment with a corresponding segment sequence number.

DATE:

TO:

FROM:

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

8000503  
8000602  
8000603

8100471

- 1) File Type: 032
- 2) Project Ident.: BRINE DISPOSAL
- 3) Track Nos.: TR 6296-6300, 6482-83  
6848-51

I. Error Corrections as reported to Principal Investigator:

<u>Error</u>	<u>Correction Completed (Check)</u>
-99 in penetration field (20-22)	✓ (FOM)

II. Additional error corrections:

<u>Error</u>	<u>Correction Completed (Check)</u>
1. Tapcodes changed (over) →	
2. Entered <del>Jeppu/Jeppu</del> - station 9, TR6850 (800331)	

III. Processor Name: M. Lewis

TAX CODE

TAX CODE

OLD

NEW (NAME)

5515010302

5515006015 - LUCINA AMIANTUS

5001440109

5001440109 - MAGELONA PHYLLISAE

999073

5001440115 - MAGELONA CINCTA

999863

5001220107 - ANCISTROSYLLIS COMENSIS

The above codes were changed in the data.

TAPE OR DISK ASSIGNMENT SHEET

(MRL) 11/6/78

TR 6296-6300, 6482-83, 6848-51 (Rev. 11/80)

POSITION/TRACK NO.: 8000503, 8000602, 8000603, 8100471

TYPE OF TAPE	TAPE NUMBER	LABEL	LRECL	BLKSIZE	RECFM	REMARKS	# RECORDS
ORIGINATOR	B19333 B18962 B19072	NL	88	88	F		5592
DUPLICATE	817 <del>854</del>	SL	88	224	SDIF	*	5592
REFORMATTED							
FIRST USER							
FINAL USER							
DISK FILE	DSW					REMARKS	# RECORDS
WORK DISK FILE	D15773 * F032 TR6296						5592
EDITED DISK FILE							

\* LABEL = NODC \* F032 T6296.

FILE ID = TRACK NO.

• Password:

accNo	fleA	refNo	proj	inst	ship	startDate	cruise	catId
8000503	F132	TR6296	0093	3124	32L7	1980/04/03	040380	313238
8000503	F132	TR6297	0093	3124	32L7	1980/04/21	042180	313239
8000503	F132	TR6298	0093	3124	32L7	1979/04/24	042479	313240
8000503	F132	TR6299	0093	3124	32L7	1979/05/24	052479	313241
8000503	F132	TR6300	0093	3124	32L7	1979/06/25	062579	313242

(5 rows affected)

Password:

accNo	fleA	refNo	ship	staCnt	recCnt	startDate	endDate
8000503	F132	TR6296	32L7	19	750	80/04/03	80/04/03
8000503	F132	TR6297	32L7	19	799	80/04/21	80/04/21
8000503	F132	TR6298	32L7	15	605	79/04/24	79/04/24
8000503	F132	TR6299	32L7	15	352	79/05/24	79/05/24
8000503	F132	TR6300	32L7	15	283	79/06/25	79/06/25

(5 rows affected)