

2/21/80

B 18474

ACCESSION NUMBER

80 0029

FT 005-604

DATA DOCUMENTATION FORM
TAPE

TR 5373
TR 5374

NOAA FORM 24-13
(4-77)

DDF A:3:18

U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL OCEANOGRAPHIC DATA CENTER
RECORDS SECTION
WASHINGTON, DC 20285

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

2 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.)

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.

DUSE332.B8474A.DATA
" B8474B.DATA

A. ORIGINATOR IDENTIFICATION

THIS SECTION MUST BE COMPLETED BY DONOR FOR ALL DATA TRANSMITTED FILE ID = 790901

1. NAME AND ADDRESS OF INSTITUTION, LABORATORY, OR ACTIVITY WITH WHICH SUBMITTED DATA ARE ASSOCIATED
Science Applications Inc.
4900 Water's Edge Dr., Suite 255
Raleigh, NC 27606

2. EXPEDITION, PROJECT, OR PROGRAM DURING WHICH DATA WERE COLLECTED
SPR-Brine Disposal Analysis Prog

3. CRUISE NUMBER(S) USED BY ORIGINATOR TO IDENTIFY DATA IN THIS SHIPMENT
BH110477
CT 104177

4. PLATFORM NAME(S)
S. & H. 11
Calcasieu Pass

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

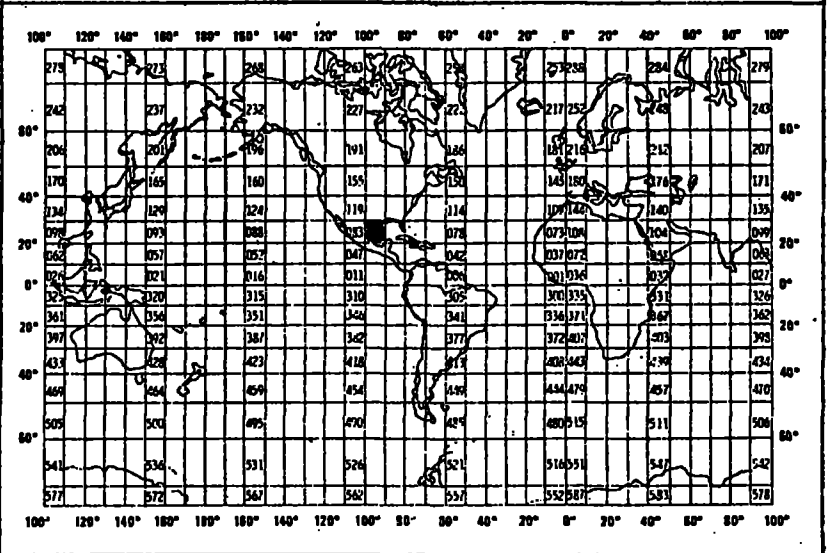
6. PLATFORM AND OPERATOR NATIONALITY(IES)
PLATFORM OPERATOR
USA USA

7. DATES
FROM: MO/DAY/YR TO: MO/DAY/YR
11/4/77 10/18/78
10/21/77 5/12/78

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)
Peter Hamilton (= P.I.)
919-851-8356

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
<p>Current Speed</p> <p>Direction</p>	<p>cm/s</p> <p>Degrees of arc</p>	<p>Endecometers</p>		

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

mag tape, format 005

2. GIVE BRIEF DESCRIPTION OF FILE ORGANIZATION

2 files, see attached, NL tapes

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

5. RECORDING MODE <input type="checkbox"/> BCD <input type="checkbox"/> BINARY <input type="checkbox"/> ASCII <input checked="" type="checkbox"/> EBCDIC <input type="checkbox"/> _____	9. LENGTH OF INTER-RECORD GAP (IF KNOWN) <input type="checkbox"/> 3/4 INCH <input type="checkbox"/> _____
	10. END OF FILE MARK <input type="checkbox"/> OCTAL 17 <input type="checkbox"/> _____
6. NUMBER OF TRACKS (CHANNELS) <input type="checkbox"/> SEVEN <input checked="" type="checkbox"/> NINE <input type="checkbox"/> _____	11. PASTE-ON-PAPER LABEL DESCRIPTION (INCLUDE ORIGINATOR NAME AND SOME LAY SPECIFICATIONS OF DATA TYPE, VOLUME NUMBER)
7. PARITY <input type="checkbox"/> ODD <input type="checkbox"/> EVEN	
8. DENSITY <input type="checkbox"/> 200 BPI <input type="checkbox"/> 1600 BPI <input type="checkbox"/> 556 BPI <input checked="" type="checkbox"/> 800 BPI <input type="checkbox"/> _____	
	12. PHYSICAL BLOCK LENGTH IN BYTES <p style="text-align: center;">60</p>
	13. LENGTH OF BYTES IN BITS <p style="text-align: center;">60</p>

Being re-done

Field Name	Position from - 1 measured in Bytes	Length In Bytes	Code	Use and Meaning
<u>File Header Record</u>				
FILE TYPE	1	3	A3	"005"
FILE DATE	4	6		Date of File Creation
YEAR	4	2	I2	Last two digits of year
MONTH	6	2	I2	Month "01" thru "12"
DAY	8	2	I2	Day "01" thru "31"
RECORD TYPE	10	1	A1	"1" for File Header
STATION	11	5	A5	Buoy Station Identifier
SEQUENCE	16	1	I1	File Header Number
TEXT	17	25-44	25A1	Optional Comments
			44	
<u>Station Header Record</u>				
IDENT	1	15	A3,3I2,A1,A5	Same as "File Header Record" except Record Type is "2"
LATITUDE	15	6	3I2	Degrees, Minutes, Seconds
HEMISPHERE	22	1	A1	"N" or "S" Hemisphere
LONGITUDE	23	7	I3,2I2	Degrees, Minutes, Seconds
HEMISPHERE	30	1	A1	"W" or "E" Hemisphere
SENSOR	31	4	I4	Depth in Meters
WATER Serial Number	35	4	I4	Depth in Meters
Blank	39	4	25A1	blank
Blank	43	18	18	
<u>Data Record</u>				
IDENT	1	15	A3,3I2,A1,A5	Same as "File Header Record" except Record Type is "3"
DATE	16	6	3I3	Year, Month, Day; observed
TIME	22	4	I4	Time in Hours to hundredths
DIRECTION	26	3	I3	Whole degrees from true north
VELOCITY	29	4	I4	Current; whole cm/sec
TEMP	33	3	I3	Degrees Celsius to tenths
PRESSURE	36	4	I4	Kg/m sec² to hundredths
CONDUCTIVITY	40	4	I4	Millimhos to hundredths
blank	44	2	2X	blank
	<u>16</u>		<u>16</u>	
	<u>60</u>		<u>18</u>	

73.18 476

TAPE

ACCESSION NUMBER

80-0029

RCVD: 2/21/80

DATA DOCUMENTATION FORM

TR 3375
TR 5376

NOAA FORM 24-13 (4-77)

U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL OCEANOGRAPHIC DATA CENTER
RECORDS SECTION
WASHINGTON, DC 20238

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

F TOOS

2 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.)

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.

FILE ID = 790901

A. ORIGINATOR IDENTIFICATION

THIS SECTION MUST BE COMPLETED BY DONOR FOR ALL DATA TRANSMITTALS

<p>1. NAME AND ADDRESS OF INSTITUTION, LABORATORY, OR ACTIVITY WITH WHICH SUBMITTED DATA ARE ASSOCIATED</p> <p>Science Applications Inc. 4900 Water's Edge Dr, Suite 255 Raleigh, NC 27606</p> <p>DUSE 332, B8476A, DATA DUSE 332, B8476B, DATA</p>													
<p>2. EXPEDITION, PROJECT, OR PROGRAM DURING WHICH DATA WERE COLLECTED</p> <p>SFR - Brine Disposal Analysis Prog</p>		<p>3. CRUISE NUMBER(S) USED BY ORIGINATOR TO IDENTIFY DATA IN THIS SHIPMENT</p> <p>WH 1202 77 BB 1020 77</p>											
<p>4. PLATFORM NAME(S)</p> <p>West Hackberry Replacement Black Bayou</p>	<p>5. PLATFORM TYPE(S) (E.G., SHIP, BUOY, ETC.)</p> <p>Buoy</p>	<p>6. PLATFORM AND OPERATOR NATIONALITY(IES)</p> <table border="1"> <thead> <tr> <th>PLATFORM</th> <th>OPERATOR</th> </tr> </thead> <tbody> <tr> <td>USA</td> <td>USA</td> </tr> </tbody> </table>	PLATFORM	OPERATOR	USA	USA	<p>7. DATES</p> <table border="1"> <thead> <tr> <th>FROM: MO, DAY, YR</th> <th>TO: MO, DAY, YR</th> </tr> </thead> <tbody> <tr> <td>12/2/77</td> <td>10/18/78</td> </tr> <tr> <td>10/20/77</td> <td>6/19/78</td> </tr> </tbody> </table>	FROM: MO, DAY, YR	TO: MO, DAY, YR	12/2/77	10/18/78	10/20/77	6/19/78
PLATFORM	OPERATOR												
USA	USA												
FROM: MO, DAY, YR	TO: MO, DAY, YR												
12/2/77	10/18/78												
10/20/77	6/19/78												
<p>8. ARE DATA PROPRIETARY?</p> <p><input checked="" type="checkbox"/> NO <input type="checkbox"/> YES</p> <p>IF YES, WHEN CAN THEY BE RELEASED FOR GENERAL USE? YEAR _____ MONTH _____</p>		<p>11. PLEASE DARKEN ALL MARSDEN SQUARES IN WHICH ANY DATA CONTAINED IN YOUR SUBMISSION WERE COLLECTED.</p> <p>GENERAL AREA</p>											
<p>9. ARE DATA DECLARED NATIONAL PROGRAM (DNP)?</p> <p>(I.E., SHOULD THEY BE INCLUDED IN WORLD DATA CENTERS HOLDINGS FOR INTERNATIONAL EXCHANGE?)</p> <p><input checked="" type="checkbox"/> NO <input type="checkbox"/> YES <input type="checkbox"/> PART (SPECIFY BELOW)</p>		<p>10. PERSON TO WHOM INQUIRIES CONCERNING DATA SHOULD BE ADDRESSED WITH TELEPHONE NUMBER (AND ADDRESS IF OTHER THAN IN ITEM-1)</p> <p>Peter Hamilton 919-851-8356</p>											

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
<p>Current speed</p> <p>Direction</p>	<p>cm/s</p> <p>Degrees of arc</p>	<p>Endeco</p>		

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

mag Tape, format 005

2. GIVE BRIEF DESCRIPTION OF FILE ORGANIZATION

2 files, see attached, NL Tape

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

RESPONSIBLE COMPUTER SPECIALIST:
NAME AND PHONE NUMBER Foreman
ADDRESS _____

COMPLETE THIS SECTION IF DATA ARE ON MAGNETIC TAPE

5. RECORDING MODE <input type="checkbox"/> BCD <input type="checkbox"/> BINARY <input type="checkbox"/> ASCII <input checked="" type="checkbox"/> EBCDIC <input type="checkbox"/> _____	9. LENGTH OF INTER-RECORD GAP (IF KNOWN) <input type="checkbox"/> 3/4 INCH <input type="checkbox"/> _____
	10. END OF FILE MARK <input type="checkbox"/> OCTAL 17 <input type="checkbox"/> _____
6. NUMBER OF TRACKS (CHANNELS) <input type="checkbox"/> SEVEN <input checked="" type="checkbox"/> NINE <input type="checkbox"/> _____	11. PASTE-ON-PAPER LABEL DESCRIPTION (INCLUDE ORIGINATOR NAME AND SOME LAY SPECIFICATIONS OF DATA TYPE, VOLUME NUMBER)
7. PARITY <input type="checkbox"/> ODD <input type="checkbox"/> EVEN	
8. DENSITY <input type="checkbox"/> 200 BPI <input type="checkbox"/> 1600 BPI <input type="checkbox"/> 556 BPI <input checked="" type="checkbox"/> 800 BPI <input type="checkbox"/> _____	12. PHYSICAL BLOCK LENGTH IN BYTES <p style="text-align: center;">60</p>
	13. LENGTH OF BYTES IN BITS <p style="text-align: center;">60</p>

FORMAT DESCRIPTION: Aanderaa Current Meter Eulerian (005)

Being re-done.

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

File Header Record

FILE TYPE	1	3	A3	"005"
FILE DATE	4	6		Date of File Creation
YEAR	4	2	I2	Last two digits of year
MONTH	6	2	I2	Month "01" thru "12"
DAY	8	2	I2	Day "01" thru "31"
RECORD TYPE	10	1	A1	"1" for File Header
STATION	11	5	A5	Buoy Station Identifier
SEQUENCE	16	1	I1	File Header Number
TEXT	17	25-44	29A1 44	Optional Comments

Station Header Record

IDENT	1	15	A3,3I2,A1,A5	Same as "File Header Record" except Record Type is "2"
LATITUDE	15	6	3I2	Degrees, Minutes, Seconds
HEMISPHERE	22	1	A1	"N" or "S" Hemisphere
LONGITUDE	23	7	I3,2I2	Degrees, Minutes, Seconds
HEMISPHERE	30	1	A1	"W" or "E" Hemisphere
SENSOR	31	4	I4	Depth in Meters
WATER Serial	35	4	I4	Depth in Meters
blank	39	7-7	72A4	blank
Blank	43	18	18	

Data Record

IDENT	1	15	A3,3I2,A1,A5	Same as "File Header Record" except Record Type is "3"
DATE	16	6	3I3	Year, Month, Day; observed
TIME	22	4	I4	Time in Hours to hundredths
DIRECTION	26	3	I3	Whole degrees from true north
VELOCITY	29	4	I4	Current; whole cm/sec
TEMP	33	3	I3	Degree Celsius to tenths
PRESSURE	36	4	I4	Kg/m² sec² to hundredths
CONDUCTIVITY	40	4	I4	Millimhos to hundredths
blank	44	2	2X	blank
		<u>16</u>		
		<u>60</u>		
			<u>16</u>	
			<u>18</u>	

RCVD: 2/21/80

B 18475

ACCESSION NUMBER

80-0029

TAPE DATA DOCUMENTATION FORM

TR 5380
TR 5381
TR 5382

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

F T005 = 604

3 TRACKS

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FILE ID = 790901

A. ORIGINATOR IDENTIFICATION

THIS SECTION MUST BE COMPLETED BY DONOR FOR ALL DATA TRANSMITTALS

1. NAME AND ADDRESS OF INSTITUTION, LABORATORY, OR ACTIVITY WITH WHICH SUBMITTED DATA ARE ASSOCIATED Science Applications Inc. 4900 Water's Edge Dr., Suite 255 Raleigh, NC 27606		DUSE 332. B8475A.DATM B8475B.DATA B8475C.DATA	
--	--	---	--

2. EXPEDITION, PROJECT, OR PROGRAM DURING WHICH DATA WERE COLLECTED SPP - Brine Disposal Analysis Prog	3. CRUISE NUMBER(S) USED BY ORIGINATOR TO IDENTIFY DATA IN THIS SHIPMENT BS113077 BSH041278 BB071978
---	---

4. PLATFORM NAME(S) Dig Hill Secondary Dig Hill Replacement Black Bayou	5. PLATFORM TYPE(S) (E.G., SHIP, BUOY, ETC.) Buoy	6. PLATFORM AND OPERATOR NATIONALITY(IES)		7. DATES	
		PLATFORM USA	OPERATOR USA	FROM: MO, DAY, YR 11/30/77 4/12/78 7/19/78	TO: MO, DAY, YR 10/18/78 10/18/78 9/13/78

8. ARE DATA PROPRIETARY?
 NO YES

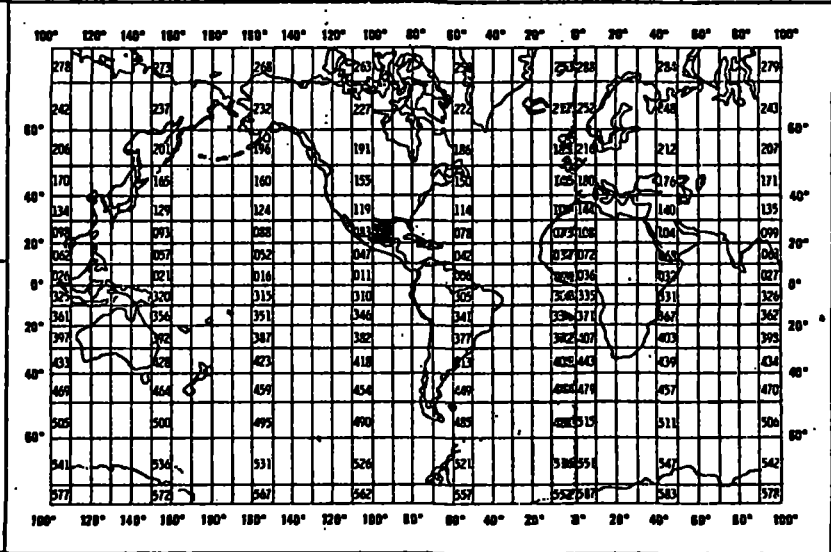
IF YES, WHEN CAN THEY BE RELEASED FOR GENERAL USE? YEAR _____ MONTH _____

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)

Peter Hamilton (= PI)
919-851-8356

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
<p>Current speed Direction</p>	<p>cm/s degrees of arc</p>	<p>} Endeco meters</p>		

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

mag tape, format 005

2. GIVE BRIEF DESCRIPTION OF FILE ORGANIZATION

3 files, see attached, NL tape

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

5. RECORDING MODE <input type="checkbox"/> BCD <input type="checkbox"/> BINARY <input type="checkbox"/> ASCII <input checked="" type="checkbox"/> EBCDIC <input type="checkbox"/> _____	9. LENGTH OF INTER-RECORD GAP (IF KNOWN) <input type="checkbox"/> 3/4 INCH <input type="checkbox"/> _____
6. NUMBER OF TRACKS (CHANNELS) <input type="checkbox"/> SEVEN <input checked="" type="checkbox"/> NINE <input type="checkbox"/> _____	10. END OF FILE MARK <input type="checkbox"/> OCTAL 17 <input type="checkbox"/> _____
7. PARITY <input type="checkbox"/> ODD <input type="checkbox"/> EVEN	11. PASTE-ON-PAPER LABEL DESCRIPTION (INCLUDE ORIGINATOR NAME AND SOME LAY SPECIFICATIONS OF DATA TYPE, VOLUME NUMBER)
8. DENSITY <input type="checkbox"/> 200 BPI <input type="checkbox"/> 1600 BPI <input type="checkbox"/> 556 BPI <input checked="" type="checkbox"/> 800 BPI <input type="checkbox"/> _____	
12. PHYSICAL BLOCK LENGTH IN BYTES 60	
	13. LENGTH OF BYTES IN BITS 60

FORMAT DESCRIPTION: Aanderaa Current Meter Eulerian (005)

Being re-done

Field Name	Position from - 1 measured in Bytes	Length In Bytes	Code	Use and Meaning
<u>File Header Record</u>				
FILE TYPE	1	3	A3	"005"
FILE DATE	4	6		Date of File Creation
YEAR	4	2	I2	Last two digits of year
MONTH	6	2	I2	Month "01" thru "12"
DAY	8	2	I2	Day "01" thru "31"
RECORD TYPE	10	1	A1	"1" for File Header
STATION	11	5	A5	Buoy Station Identifier
SEQUENCE	16	1	I1	File Header Number
TEXT	17	29-44	29 A1 44	Optional Comments
<u>Station Header Record</u>				
IDENT	1	15	A3,3I2,A1,A5	Same as "File Header Record" except Record Type is "2"
LATITUDE	15	6	3I2	Degrees, Minutes, Seconds
HEMISPHERE	22	1	A1	"N" or "S" Hemisphere
LONGITUDE	23	7	I3,2I2	Degrees, Minutes, Seconds
HEMISPHERE	30	1	A1	"W" or "E" Hemisphere
SENSOR	31	4	I4	Depth in Meters
WATER Serial	35	4	I4	Depth in Meters
blank	39	4	I4	blank
Blank	43	18	18x	
<u>Data Record</u>				
IDENT	1	15	A3,3I2,A1,A5	Same as "File Header Record" except Record Type is "3"
DATE	16	6	3I3	Year, Month, Day; observed
TIME	22	4	I4	Time in Hours to hundredths
DIRECTION	26	3	I3	Whole degrees from true north
VELOCITY	29	4	I4	Current; whole cm/sec
TEMP	33	3	I3	Degrees Celsius to tenths
PRESSURE	36	4	I4	Kg/m sec² to hundredths
CONDUCTIVITY	40	4	I4	Millimhos to hundredths
blank	44	2	2X	blank
	<u>16</u>		<u>16</u>	
	<u>60</u>		<u>16</u>	

Error Correction Documentation Form

DATE:

TO:

FROM:

SUBJECT: Error Correction in Processing of Data Set - Accession # 80-0029

- 1) File Type: 005
- 2) Project Ident: BRINE DISPOSAL PGM.
- 3) Track Nos.: TR5373-76 TR5380-82

I. Error Corrections as reported to Principal Investigator:

<u>Error</u>	<u>Correction Completed (Check)</u>
DEPTH OF METER/ DEPTH OF WAT. COLUMN. REPORTED TO whole meters in wrong column	✓ (FJM)

II. Additional error corrections:

<u>Error</u>	<u>Correction Completed (Check)</u>
1 unbedded blanks record type 3; cols. 22 and 24	✓
Tracks unsorted	✓

III. Processor Name: Gerald W. Damon

TAPE ASSIGNMENT SHEET (MRL) 11/6/78

ACCESSION NO: 80-0029

TR 5373-76 5280-82

TYPE OF TAPE	TAPE NUMBER	LABEL	LRECL	BKSIZE	RECFM	REMARKS
ORIGINATOR	B18174 B18175 B18176	N	60	60	F	
DUPLICATE	272	N	60	4800	F-B	
REFORMATTED						
FIRST USER						
FINAL USER						

DATA SET ROUTE SHEET

ACCESSION/TRACK # 80-0029

TR 5373-76 T5380-82

Step	Completion Date/Init.		Tape # or DSN	# of Files	BLKSIZE	LRECL	# RECORDS
	ORIGINATOR TAPE #	2/21/80	FJM	B18174 B18175 B18176	2 3 2	60	60
QUAD/SCAN TAPE #	3/7/80	FJM	272	1	4800	60	80704
DDF EVALUATION							
QUALITY REVIEW							
PRELIMINARY DATA SORT							
PRELIMINARY MULCHEK	11/25/80	YMD		1	4800	60	80704
FIRST USER TAPE #							
WORK DISK FILE	11/26/80	YMD		1	4800	60	80704
FINAL USER TAPE #							
FINAL MULCHEK	12/18/80	YMD		1	4800	60	80704
EDITED DISK FILE							
DATA SET "FINALIZED"	12/29/80	YMD		1	4800	60	80704

RCVD: 2/21/80

CARDS

ACCESSION NUMBER

80-0029

DATA DOCUMENTATION FORM

TR 5377

DOF A:3:18

NOAA FORM 24-13 (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

FT044-652

(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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DUSC 332.CARDX 44.DATA

FILE ID = 120179

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
Energy Resources Co, Inc.
185 Alewife Brook Parkway,
Cambridge, MA 02144

2. EXPEDITION, PROJECT, OR PROGRAM DURING WHICH DATA WERE COLLECTED
SPR - Bone Disposal Analysis
Prog

3. CRUISE NUMBER(S) USED BY ORIGINATOR TO IDENTIFY DATA IN THIS SHIPMENT
041679

4. PLATFORM NAME(S)
Gus III

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

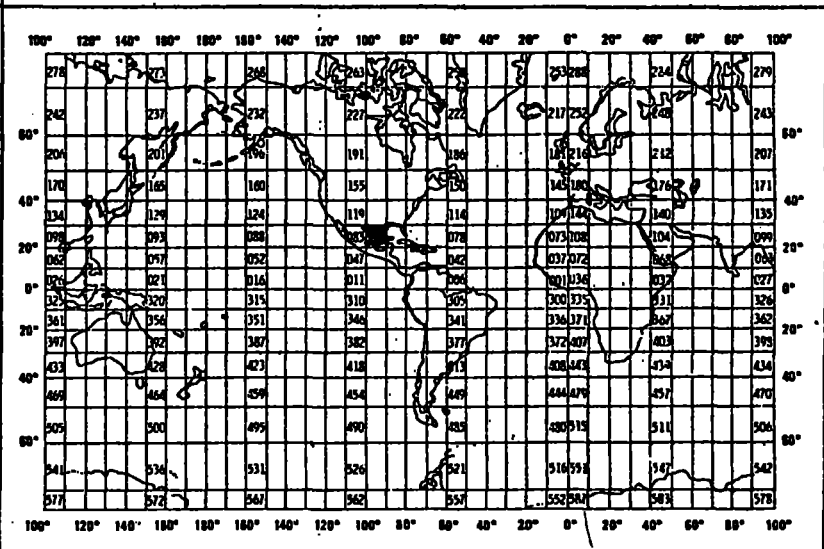
6. PLATFORM AND OPERATOR NATIONALITY(IES)
USA USA

7. DATES
FROM: MO/DAY/YR TO: MO/DAY/YR
4/16/79 5/2/79

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)
Dr. Paul Boehm
617-661-3111

B. 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
<p>SEAWATER HYDROCARBONS (HYDROCARBONS)</p>	<p>mg/l mg/l (ng/l)</p>	<p>GC-FLOW BOTTLE (100. ; TEFLON COATED) SAMPLE TAKEN AT MID-DEPTH</p>	<p>GRAVIMETRIC DETERMINATION ON A CANN Model 4100 ELECTROBALANCE</p> <hr/> <p>FLUORESCENCE DETERMINATION. SYNCHRONOUS SCAN TECHNIQUE of WAKENAM (1977). INSTRUMENT: FERRAND MARK I</p> <p>GLASS CAPILLARY GAS CHROMATOGRAPHY. TECHNICAL of BOEHM AND QUINN (1978), SE-30 COLUMNS - 15 meters HP 5840A INSTRUMENT</p>	<p>N/A</p> <hr/> <p>REPORTED IN ARBITRARY UNITS. TEMPORARILY CORRECTED EMISSION AND EXCITATION.</p> <hr/> <p>N/A</p>
<p>SEDIMENT HYDROCARBONS</p>	<p>ug/g (ng/g)</p>	<p>GC VAN VEEN GRAB SAMPLER (STAINLESS STEEL)</p>	<p>GRAVIMETRIC DETERMINATION ON A CANN Model 4100 ELECTROBALANCE</p> <hr/> <p>FLUORESCENCE DETERMINATION. SYNCHRONOUS SCAN, TECHNICAL of WAKENAM (1977). INSTRUMENT: FERRAND MARK I CORRECTED EMISSION & EXCITATION.</p> <hr/> <p>GLASS CAPILLARY GAS CHROMATOGRAPHY. TECHNICAL of BOEHM AND QUINN (1978), SE-30 COLUMNS - 15 meters HP 5840A INSTRUMENT</p>	<p>REPORTED IN ARBITRARY UNITS. TEMPORARILY.</p>

B. SCIENCE 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
<p>ORGANISM HYDROCARBONS</p>	<p>µg/g ng/g</p>	<p>Semi-Balloon TRAWL</p> <p>1 3/4" MESH.</p> <p>NYLON NETS UNTREATED MAHOGENY DOORS</p>	<p>GRAVIMETRIC DETERMINATION ON A CANN 4100 ELECTROBALANCE</p> <p>FLUORESCENCE DETERMINATION SYNCHRONOUS SCAN; TECHNIQUE of WALKERMAN (1977) INSTRUMENT: FARRAND MARK I CORRECTED EMISSION AND EXCITATION.</p> <p>GLASS CAPILLARY GAS CHROMATOGRAPHY. TECHNIQUE of BOEHM and QUINN (1978). SE-30 COLUMNS 15 meter HEWLETT PACKARD 5840A INSTRUMENT</p>	

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

cards format 044

2. GIVE BRIEF DESCRIPTION OF FILE ORGANIZATION

See attached

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 type="checkbox"/> EBCDIC</p> <p><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</p> <p><input type="checkbox"/> NINE</p> <p><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</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>8. DENSITY</p> <p><input type="checkbox"/> 200 BPI <input 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>

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.

FORMAT DESCRIPTION: HYDROCARBON II (044)

Field Name	Position from - 1 measured in Bytes	Length in Bytes	Code	Use and Meaning
<u>Station Header</u>				
FILE TYPE	1	3	A3	"044"
FILE IDENTIFIER	4	6	A6	Unique Cruise number or date (YYMMDD)
RECORD TYPE	10	1	A1	"A"
STATION NUMBER	11	5	A5	
DATE/TIME (GMT)				
YEAR	16	2	I2	Start of sampling period.
MONTH	18	2	I2	
DAY	20	2	I2	
HOUR	22	2	I2	
MINUTE	24	2	I2	
LATITUDE				
DEGREES	26	2	I2	
MINUTES	28	2	I2	
SECONDS	30	2	I2	
HEMISPHERE	32	1	A1	
LONGITUDE				
DEGREES	33	3	I3	
MINUTES	36	2	I2	
SECONDS	38	2	I2	
HEMISPHERE	40	1	A1	
TIDE STAGE CODE	41	1	A1	
TIDE HEIGHT	42	3	A3	Meters to tenths (with respect to mean lower low water) no sign for positive values, "-" for negative values
WAVE ENERGY/ BEACH GRADIENT	45	1	A1	Use Habitat code Digit 1
WAVE HEIGHT	46	2	I2	Meters to tenths
WEATHER	48	1	A1	WMO Code 4501
WIND DIRECTION	49	3	I3	Whole degrees clockwise from north (meteorological sense, i.e., coming from)
WIND SPEED	52	3	I3	Whole meters/second
AIR TEMPERATURE	55	4	A4	Degrees Celsius to tenths. No sign for positive values. Floating "-" for negative values
WATER SURFACE TEMPERATURE	59	4	A4	
SEDIMENT TEMPERATURE	63	4	A4	
SURFACE SALINITY	67	5	I5	Parts/thousand to thousandths
CODE	72	1	A1	
SEQUENCE NUMBERS	73	4	4x	
SEQUENCE NUMBERS	77	4	I4	Ascending numerically to order records

FORMAT DESCRIPTION: HYDROCARBON II (044)

Field Name	Position from - 1 measured in Bytes	Length in Bytes	Code	Use and Meaning
<u>Field Collection Record</u>				
FILE TYPE	1	3	A3	"044"
FILE IDENTIFIER	4	6	A6	Unique Cruise number or date (YY:MDD)
RECORD TYPE	10	1	A1	"B"
STATION NUMBER	11	5	A5	
SAMPLE TYPE CODE	16	1	A1	Use Sample Type Code
SAMPLE NUMBER	17	2	A2	Originator's unique identifier
GEAR TYPE CODE	19	2	A2	Use Gear Type Code
SUBSAMPLE AREA	21	5	I5	Square meters to ten-thousandths (sediments only)
SUBSAMPLE DEPTH	26	3	I3	Whole millimeters (sediments only)
NUMBER OF SUBSAMPLES	29	3	I3	Whole Number
SAMPLE ELEVATION LOW ELEVATION	32	3	I3	Meters to tenths (with respect to mean lower low water) no sign for positive values.
HIGH ELEVATION	35	3	I3	" - " for negative values.
HORIZONTAL EXTENT OF SAMPLES	38	3	I3	Whole meters
BEACH ORGANICS CHARACTERIZATION	41	3	3A1	Use Habitat Code Digit 3*
OIL CODE	44	3	3A1	*
SEDIMENT COLOR CODE	47	1	A1	
SUBSTRATE FOR BIOLOGIC SAMPLE	48	3	3A1	Use Substrate Type Code*
ORGANISM SIZE MEAN SIZE	51-59	3	I3	Whole millimeters
MINIMUM SIZE	51	3	I3	
MAXIMUM SIZE	54	3	I3	
TAXONOMIC CODE	57	3	I3	
TAXONOMIC CODE	60	12	6A2	Taxonomic Code
BLANK	72	2	2x	
LAB NUMBER	74	3	A3	Originator's internal use. Duplicate analyses will be differentiated by using a different Lab number within the same sample number
SEQUENCE NUMBER	77	4	I4	Ascending numerically to order records

* combination of up to 3 codes, code right to left (most predominant on the right)

FORMAT DESCRIPTION: HYDROCARBON II (044)

field Name	Position from - 1 measured in Bytes	Length in Bytes	Code	Use and Meaning
<u>Analytic Sample Description Record</u>				
FILE TYPE	1	3	A3	"044"
FILE IDENTIFIER	4	6	A6	Unique Cruise number or date (YYMMDD)
RECORD TYPE	10	1	A1	"D"
STATION NUMBER	11	5	A5	
SAMPLE TYPE CODE	16	1	A1	Use Sample Type Code
SAMPLE NUMBER	17	2	A2	Originator's unique Identifier
DEPTH OF SAMPLE	19	4	I4	Meters to tenths
VOLUME OF SAMPLE	23	6	I6	Liters to thousandths
WATER/PARTICULATE CODES	29	1	A1	Blank - no information 0 - unfiltered water 1 - filtered water 2 - filtered particulate 3 - centrifuged particulate 4 - settled particulate
FILTER CODE	30	2	2A1	First digit is type of filter; Second is size Type: 1 - glass fiber filter 2 - Nuclepore 3 - Millipore 4 - Silver filter Size: 2 - 0.2 microns 4 - 0.45 microns 6 - 0.8 microns
CORE DEPTH INTERVAL, TOP	32	3	I3	Whole centimeters
BLANK	35	1	1x	
CORE DEPTH INTERVAL, BOTTOM	36	3	I3	Whole centimeters

FORMAT DESCRIPTION: HYDROCARBON II (044)

Field Name	Position from - 1 measured in Bytes	Length in Bytes	Code	Use and Meaning
<u>Analytic Sample Description Record (cont.)</u>				
Total Hydrocarbon (measured by GC)	39	5	I5	ug/g to hundredths
Total Resolved Hydrocarbons	44	5	I5	ug/g to hundredths
Total Unresolved Hydrocarbons	49	5	I5	ug/g to hundredths
Total Hydrocarbon (gravimetric Measurement)	54	5	I5	ug/g to hundredths
Pristane/n-C ₁₇	59	4	I4	To hundredths
Carbon Preference Index (CPI)	63	4	I4	To hundredths
Lipids	67	6	I6	ug/g to hundredths
Blank	73	1	IX	
Lab Number	74	3	A3	Originator's internal use. Duplicate analyses will be differentiated by using a different Lab Number within the same sample number.
Sequence Number	77	4	I4	Ascending numeric to order records.

FORMAT DESCRIPTION: HYDROCARBON II (044)

Field Name	Position from - 1 measured in Bytes	Length in Bytes	Code	Use and Meaning
<u>Data Record</u>				
FILE TYPE	1	3	A3	"044"
FILE IDENTIFIER	4	6	A6	Unique Cruise number or date (YYMMDD)
RECORD TYPE	10	1	A1	"E"
STATION NUMBER	11	5	A5	
SAMPLE TYPE CODE	16	1	A1	Use Sample Type Code
SAMPLE NUMBER	17	2	A2	Originator's unique identifier
METHOD CODE	19	1	A1	Use Method Code
HYDROCARBON CONCENTRATIONS	20-73	9	(A1,I3,A1,I1)	Whole nanograms/gram. 1st digit - Trace indicator T - Trace L - Less than 2nd to 4th digits --3 significant figures. Right justified 5th digit - exponent sign ('+' or blank positive, '-' negative) 6th digit - exponent - range 0 to 9 Blank - no information
TOTAL ALIPHATICS	20	6		
TOTAL AROMATICS	26	6		
n - decane	32	6		
n - undecane	38	6		
n - dodecane	44	6		
n - tridecane	50	6		
n - tetradecane	56	6		
n - pentadecane	62	6		
n - hexadecane	68	6		
LAB NUMBER	74	3	A3	Originator's internal use. Duplicate analyses will be differentiated by using a different Lab number within the same sample number
SEQUENCE NUMBER	77	4	I4	Ascending numerically to order records

FORMAT DESCRIPTION: HYDROCARBON II (044)

Field Name	Position from - 1 measured in Bytes	Length in Bytes	Code	Use and Meaning
<u>Data Record</u>				
FILE TYPE	1	3	A3	"044"
FILE IDENTIFIER	4	6	A6	Unique Cruise number or date (YYMMDD)
RECORD TYPE	10	1	A1	"G"
STATION NUMBER	11	5	A5	
SAMPLE TYPE CODE	16	1	A1	Use Sample Type code
SAMPLE NUMBER	17	2	A2	Originator's unique identifier
METHOD CODE	19	1	A1	Use Method code
HYDROCARBON CONCENTRATIONS	20-73	9(A1,13,A1,11)		As described in Record Type "E"
n - Hexacosane	20	6		
n - Heptacosane	26	6		
n - Octacosane	32	6		
n - Nonacosane	38	6		
n - Triacontane	44	6		
n - Pentriacontane	50	6		
PRISTANE	56	6		
ene	62	6		
ene	68	6		
NUMBER	74	3	A2	Originator's internal use. Duplicate analyses will be differentiated by using a different Lab number within the same sample number
SEQUENCE NUMBER	77	4	I4	Ascending numerically to order records

RECORD FORMAT DESCRIPTION

2-28-79

RECORD NAME Supplementary Record (Hydrocarbon II)

14. FIELD NAME	15. POSITION FROM - 1 MEASURED IN Bytes (e.g. bits, bytes)	16. LENGTH		17. ATTRIBUTES	18. USE AND MEANING
		NUMBER	UNITS		
File Type	1	3	Bytes	A3	Always '044'
File Identifier	4	6	Bytes	A6	Unique Cruise number or date (YYMMDD)
Record Type	10	1	Bytes	A1	Always 'Y'
Station Number	11	5	Bytes	A5	
Sample Type Code	16	1	Bytes	A1	Use File 044 Sample Type Code
Sample Number	17	2	Bytes	A2	Originator's unique identifier
Dry Weight	19	4	Bytes	T4	Grams to tenths
Blank	23	51	Bytes	51x	
Lab Number	74	3	Bytes	A3	Originator's internal use. Duplicate analyses will be differentiated by using a different Lab Number within the same sample number
Sequence Number	77	4	Bytes	I4	Ascending numeric to order records

TAPE ASSIGNMENT SHEET (MRL) 11/6/78

SESSION NO: 80-0029 TR 5377

TYPE OF TAPE	TAPE NUMBER	LABEL	LRECL	BLKSIZE	RECFM	REMARKS
ORIGINATOR	CARDS	N	80	80	F	
DUPLICATE	9043	N	80	4800	FB	
REFORMATTED						
FIRST USER	1733	SL	80	4800	FB	DSN = TR 5377
FINAL USER	2531	SL	80	4800	FB	DSN = TR 5377

Error Correction Documentation Form

DATE:

TO:

FROM:

SUBJECT: Error Correction in Processing of Data Set - Accession # 80-0029

- 1) File Type: 044
- 2) Project Ident.: BRINE DISPOSAL Pgm.
- 3) Track Nos.: TR5377

I. Error Corrections as reported to Principal Investigator:

<u>Error</u>	<u>Correction Completed (Check)</u>
① Illegal Blank field day	✓ (SBK)
② Illegal Blank field Hour	✓ (SBK)
③ Deleted the last 21 lines (they were used as a control and no data was gathered)	✓ (SBK)
④ Illegal Blank Tax Code - Tax code not needed, is a sediment sample	✓ (SBK)

II. Additional error corrections:

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

Error Correction Documentation Form

DATE:

TO:

FROM:

SUBJECT: Error Correction in Processing of Data Set - Accession # 80-0029

- 1) File Type: 044
- 2) Project Ident.: BRINE DISPOSAL Pgm.
- 3) Track Nos.: TR5377

I. Error Corrections as reported to Principal Investigator:

Error

Correction Completed (Check)

- | | |
|--|---------|
| ① Illegal Blank field day | ✓ (SBK) |
| ② Illegal Blank field Hour | ✓ (SBK) |
| ③ Deleted the last 84 lines (they were used as a control and no data was gathered) | ✓ (SBK) |
| ④ Illegal Blank Tax Code, Tax Code not needed, is a sediment sample | ✓ (SBK) |

II. Additional error corrections:

Error

Correction Completed (Check)

III. Processor Name: Susan Kerig

Data Set Route Sheet

Accession # 80-0029

Step	Completion Date/Init.		Tape #,	# of Files	BLKSIZE,	LRECL
1. Originator Tape #	2/21/80	FJM	CARDS	1	80	80
2. ^{QUAD} Duplicate Tape #	3/6/80	FJM	9043	1	4800	80
3. DDF Evaluation						
4. Quality Review						
5. Preliminary Data Sort						
6. Preliminary Check	7/14/80	SBK				
7. First User Tape #	8/13/80	SBK	2733	1	4800	80
8. Final User Tape #	8/13/80	SBK	2531	1	4800	80
9. Final Check	7/29/80	SBK				
10. NAPIS Inventory						
11. DIP Inventory						
12. Data Set 'Finalized'						

TAPE ASSIGNMENT SHEET (MRL) 11/6/78

ACCESSION NO: 80-0029 FR 5377

TYPE OF TAPE	TAPE NUMBER	LABEL	LRECL	BLKSIZE	RECFM	REMARKS
ORIGINATOR	CARDS	N	80	80	F	
QUADRI DUPLICATE	9043	N	80	4800	FB	
REFORMATTED						
FIRST USER	2733	SL	80	4800	FB	DSN= TR5377
FINAL USER	2531	SL	80	4800	FB	DSN= TR5377

TAPE ASSIGNMENT SHEET (MRL) 11/6/78

ACCESSION NO: 80-0029

TR5378-5379 Rev=103

TYPE OF TAPE	TAPE NUMBER	LABEL	LRECL	B/KSIZE	RECFM	REMARKS
ORIGINATOR	CARDS	N	80	80	F	2 CARD DECKS
QUADRIPLICATE	9259	N	105	4725	FB	
REFORMATTED						
FIRST USER						
FINAL DISK USER	DMNOE KMPD 75. FOOT 5378					
WORK DISK DATA SET	D 15 773* FOOT. TR5378					

Error Correction Documentation Form

DATE:

TO:

FROM:

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

80-0029

1) File Type:

001

2) Project Ident.:

BRINE DISPOSAL PGM

3) Track Nos.:

TR 5378 - 5379

I. Error Corrections as reported to Principal Investigator:

Error

Correction Completed (Check)

II. Additional error corrections:

Error

Correction Completed (Check)

① DAY/MO/YEAR (MISSING)

Entered the starting day/month/year as date for all obs within each track.

② Deleted concentration

Value of 0.00E+00 as invalid.

III. Processor Name: _____

TAPE ASSIGNMENT SHEET (MRL) 11/6/78

ACCESSION NO: 80-0029

TR5378-5379

TYPE OF TAPE	TAPE NUMBER	LABEL	LRECL	BKSIZE	RECFM	REMARKS
ORIGINATOR	CARDS	N	80	80	F	2 CARD DECKS
QUADRIPLICATE	9259	N	105	4725	FB	
REFORMATTED						
FIRST USER						
FINAL USER						
DISK DATA SET	D15773*FOO1. TR5378					

Data Set Route Sheet

Accession # 80-0029

TR 5378-5379

Step	Completion Date/Init.	Tape #, # of Files	BLKSIZE,	LRECL
1. Originator Tape #	2/21/80 FJM	CARDS 2	80	80
2. ^{QUASI} Duplicate Tape #	3/6/80 FJM	9259 1	4725	105
3. DDF Evaluation	12/80 MRL			
4. Quality Review	11/80 MRL			
5. Preliminary Data Sort				
6. Preliminary Check *	11/80 MRL			
7. First User Tape #				
8. Final User Tape #				
Final Check *	12/80 MRL			
10. NAPIS Inventory				
11. DIP Inventory				
12. Data Set 'Finalized'				

* ^{DISK} Data Set = D15773* Foo1. TR5378

CARDS

ACCESSION NUMBER

80-0029

RCVD: 2/21/80

DATA DOCUMENTATION FORM

TR 5378
TR 5379

NOAA FORM 24-13

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

FT001-600

2 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.)

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.

DUSE 332, CARD 001, A, DATA FILE ID = 800101
DUSE 332, CARD 001, B, DATA 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
Southwest Research Inst.
6220 Culcabra Rd.
San Antonio, Tx. 78284

2. EXPEDITION, PROJECT, OR PROGRAM DURING WHICH DATA WERE COLLECTED
SPR Brine Disposal Analysis
Prog

3. CRUISE NUMBER(S) USED BY ORIGINATOR TO IDENTIFY DATA IN THIS SHIPMENT
010979
061378

4. PLATFORM NAME(S)
Gus III

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

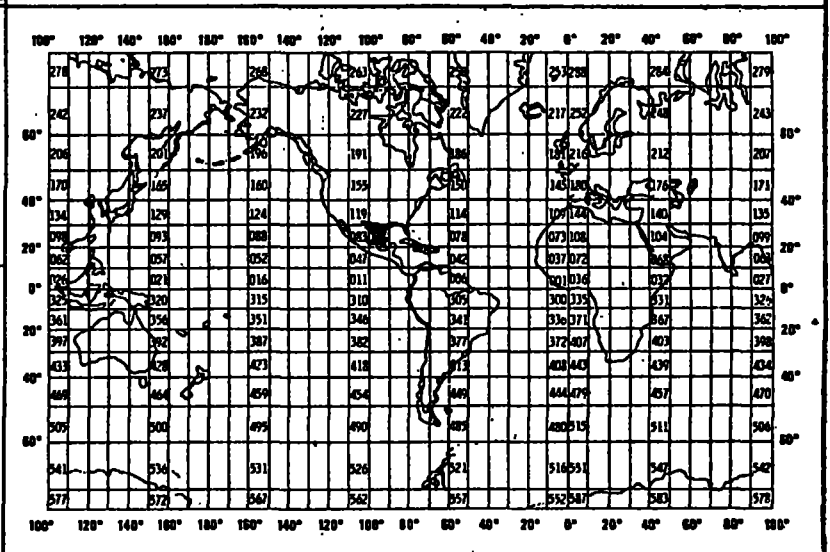
6. PLATFORM AND OPERATOR NATIONALITY(IES)
USA USA

7. DATES
FROM: 1/9/79 TO: 1/29/79
6/13/78 6/30/78

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)
J.B. Tillery
512-684-5111
X2187

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
<p>Total digested Sediments</p>	<p>ug/gm (from Dry Weight</p>		<p>5gms dried, crushed, Sieved (100 mesh) sample Digest 1hr w/ HCl Digest 1/2 hr w/ HNO₃ Digest 2hr w/ 48% HF Centrifuge 50ml final volume</p>	<p>HP 9810 A calculator LS regression Slope based on STD Spiked by method of additions</p>

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 001, cards

2. GIVE BRIEF DESCRIPTION OF FILE ORGANIZATION

See attached

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

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

Field Name	Position from - 1 measured in Bytes	Length In Bytes	Code	Use and Meaning
<u>File Header Record</u>				
FILE TYPE	1	3	A3	"001" (constant)
FILE DATE	4	6	3I2	Yr., Mo., Dy. of file generation
RECORD TYPE	10	1	A1	"1" (File Header Record)
VESSEL	11	11	11A1	(left aligned)
CRUISE	22	6	6A1	Originator's cruise identification (left aligned)
CRUISE DATES	28	17	5(I2,A1),I2	XX/XX/XX-XX/XX/XX Beginning month, day, year; ending month, day, year
SENIOR SCIENTIST	45	19	19A1	(left aligned)
INVESTIGATOR	64	42	42A1	Responsible Institution (left aligned)
<u>First Sample Header Record</u>				
FILE TYPE	1	3	A3	"001" (constant)
FILE DATE	4	6	3I2	Yr., Mo., Dy. of file generation
RECORD TYPE	10	1	A1	"2" (First Sample Header Record)
SEQUENCE	11	3	I3	Sequence of this record type (leading zeros or leading blanks)
STATION	14	5	A5	Lab sample number <i>sh med</i>
SPECIES	19	10	A10	NODC code or code for sediment (0000000001) or code for water including particulate matter (0000000002)
SEX	29	1	A1	M = male F = female blank = both sexes used, unknown or not applicable
MATERIAL ANALYZED	30	2	A2	See attached "Material Analyzed Code"
LATITUDE	32	6	3I2	Degrees, minutes, seconds
HEMISPHERE	38	1	A1	Hemisphere "N" or "S"
LONGITUDE	39	7	I3,2I2	Degrees, minutes, seconds
HEMISPHERE	46	1	A1	Hemisphere "W" or "E"
DATE	47	8	2(I2,A1),I2	XX/XX/XX Sample date; month, day, year
TIME	55	3	I3	Sample time; GMT to tenths of an hour
DEPTH	58	5	I5	Sample depth to tenths of a meter
BOTTOM	63	5	I5	Water depth to tenths of a meter
COUNT	68	2	I2	Number of animals in sample

FORMAT DESCRIPTION: Metals in Organisms, Sediment and Water (001)

Field Name	Position from - 1 measured in Bytes	Length In Bytes	Code	Use and Meaning
<u>First Sample Header Record (continued)</u>				
LENGTH	70	5	I5	Average length of specimens to whole millimeters
WEIGHT	75	6	I6	Average weight of specimens to whole grains
SAMPLE STATE	81	2	A2	See attached "Sample State Code"
PERCENT DRY	83	4	I4	Dry weight percent of wet weight to hundredths. Initial determination.
DRYING TEMPERATURE	87	4	I4	Initial determination; °C nearest degree
PERCENT DRY	91	4	I4	Dry weight percent of wet weight to hundredths. Determination at analysis
DRYING TEMPERATURE	95	4	I4	At analysis, °C to nearest degree.
NAVIGATION	99	2	I2	(See attached codes)
blank	101	5	5X	blank
<u>Record Type "2" Terminator</u>				Optional; for those who must re-read their file using FORTRAN
IDENT	1	10	A3,3I2,A1	Same as "First Sample Header Record"
SEQUENCE	11	3	A3	"998" (constant)
blank	14	92	92X	blank
<u>Second Sample Header Record</u>				
FILE TYPE	1	3	A3	"001" (constant)
FILE DATE	4	6	3I2	Yr., Mo., Dy. of file generation
RECORD TYPE	10	1	A1	"3" (Second Sample Header Record)
SEQUENCE	11	3	I3	Sequence number of this record type (leading zeros or leading blanks)
STATION	14	5	A5	Lab sample number
BAROMETER	19	3	I3	Pressure to tenths of a millibar
DRY BULB	22	4	I4	Air temperature to tenths of degrees Celsius
WET BULB	26	4	I4	Air temperature to tenths of degrees Celsius
WIND DIRECTION	30	2	I2	WMO Code 0877; tens of degrees
WIND SPEED	32	2	I2	To whole knots
SEA DIRECTION	34	2	I2	WMO Code 0885
SEA HEIGHT	36	1	A1	WMO Code 1555
SWELL DIRECTION	37	2	I2	WMO Code 0885
SWELL HEIGHT	39	1	A1	WMO Code 1555

FORMAT DESCRIPTION: Metals in Organisms, Sediment and Water (001)

Field Name	Position from - 1 measured in Bytes	Length In Bytes	Code	Use and Meaning
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Second Sample Header Record (continued)

WEATHER	40	1	I1	WMO Code 4501
CLOUD TYPE	41	1	A1	WMO Code 0500
CLOUD COVER	42	1	I1	WMO Code 2700
VISIBILITY	43	1	I1	WMO Code 4300
TRANSPARENCY	44	4	I4	SECCHI Disk Depth; to nearest tenth of a meter
TURBIDITY CODE	48	1	I1	(See attached codes)
blank	49	57	57X	blank

Record Type "3" Terminator

IDENT	1	10	A3,3I2,A1	Optional; for those who must re-read their file using FORTRAN Same as "Second Sample Header Record"
SEQUENCE	11	3	A3	"998" (constant)
blank	14	92	92X	blank

Data Record

FILE TYPE	1	3	A3	"001" (constant)
FILE DATE	4	6	3I2	Yr., Mo., Dy. of file generation
RECORD TYPE	10	1	A1	"4" (Data Record)
SEQUENCE	11	3	I3	Sequence of this record type (leading zeros or leading blanks)
STATION	14	5	A5	Lab sample number
SPECIES	19	10	A10	VIMS Code or code for sediment (0000000001) or code for water including particulate matter (0000000002)
ELEMENT ANALYZED	29	2	A2	Standard element abbreviations
ANALYSIS	31	3	A3	See "Method of Analysis Codes"
DATE OF ANALYSIS	34	8	2(I2,A1),I2	XX/XX/XX; Month, Day, Year
CONCENTRATION				
REPLICATE 1	42	8	E8.2*	Expressed in parts per million in FORTRAN E-format to three significant figures.
REPLICATE 2	50	8	E8.2*	
REPLICATE 3	58	8	E8.2*	
REPLICATE 4	66	8	E8.2*	
REPLICATE 5	74	8	E8.2*	
REPLICATE 6	82	8	E8.2*	
REPLICATE 7	90	8	E8.2*	
REPLICATE 8	98	8	E8.2*	

Record Type "4" Terminator

IDENT	1	10	A3,3I2,A1	Optional; for those who must re-read their file using FORTRAN. Same as "Data Record"
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FORMAT DESCRIPTION: Metals in Organisms, Sediment and Water (001)

Field Name	Position from - 1 measured in Bytes	Length In Bytes	Code	Use and Meaning
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~~Record Type "4" Terminator (continued)~~

SEQUENCE	11	3	A3	"998" = end sample "999" = end file
blank	14	92	92X	blank

* For example, a value of 1.11 ppm. would be expressed as "1.11E00"; note that a FORTRAN read statement will handle this format item but "WRITE" will not output this form.

FORMAT DESCRIPTION: Metals in Organisms, Sediment and Water (001)

Field Name	Position from - 1 measured in Bytes	Length In Bytes	Code	Use and Meaning
Record Type "4" Terminator (continued)				
SEQUENCE	11	3	A3	"998" = end sample "999" = end file
blank	14	92	92X	blank

* For example, a value of 1.11 ppm. would be expressed as "1.11E00"; note that a FORTRAN read statement will handle this format item but "WRITE" will not output this form.

D. INSTRUMENT CALIBRATION

This calibration information will be utilized by NOAA's National Oceanographic Instrumentation Center in their efforts to develop calibration standards for voluntary acceptance by the oceanographic community. Identify the instruments used by your organization to obtain the scientific content of the DDF (i.e., STD, temperature and pressure sensors, salinometers, oxygen meters, velocimeters, etc.) and furnish the calibration data requested by completing and/or checking ("✓") the appropriate spaces. Add the interval time (i.e., 3 months, 6 months, 9 months, etc.) if the fixed interval calibration cycle is checked.

INSTRUMENT TYPE (MFR., MODEL NO.)	DATE OF LAST CALIBRATION	INSTRUMENT WAS CALIBRATED BY		CHECK ONE: INSTRUMENT IS CALIBRATED					INSTRUMENT IS NOT CALI- BRATED (✓)
		YOUR ORGANIZATION (✓)	OTHER ORGANIZATION (GIVE NAME)	AT FIXED INTERVALS (✓)	BEFORE OR AFTER USE (✓)	BEFORE AND AFTER USE (✓)	ONLY AFTER REPAIR (✓)	ONLY WHEN NEW (✓)	
Perkin Elmer Model 5000 Atomic Absorption Spectrophotometer	N/A								✓
with HGA-500 Graphite furnace AUX									✓
multi gas flame capability. PERKIN ELMER AS-3									✓
Auto Micro Sampler Perkin Elmer AS-1									✓
Auto Sampling system P.E. 560 A.A.S. with HGA 500	N/A								✓
P.E. 403 A.A.S. I.L. 455	N/A								✓
P.E. 306 A.A.S. HGA 2000	N/A								✓

Password:

accNo	fleA	refNo	proj	inst	ship	startDate	cruise	catId
8000029	F005	TR5373	0093	312H	317F	1977/11/04	BH110477	311325
8000029	F005	TR5374	0093	312H	317F	1977/10/21	CP102177	311326
8000029	F005	TR5375	0093	312H	317F	1977/12/02	WH120277	311327
8000029	F005	TR5376	0093	312H	317F	1977/10/20	BB102077	311328
8000029	F005	TR5380	0093	312H	317F	1978/04/12	BH041278	311332
8000029	F005	TR5381	0093	312H	317F	1977/11/30	BS113077	311333
8000029	F005	TR5382	0093	312H	317F	1978/02/19	BB071978	311334
8000029	F144	TR5377	0093	31X7	31G3	1979/04/16	041679	311329
8000029	F144	TR5378	0093	312L	31G3	1979/01/09	010979	311330
8000029	F144	TR5379	0093	312L	31G3	1978/06/13	061378	311331

(10 rows affected)

Password:

accNo	fleA	refNo	ship	staCnt	recCnt	startDate	endDate
8000029	F005	TR5373	317F	12	16696	77/11/04	78/10/18
8000029	F005	TR5374	317F	8	9779	77/10/21	78/05/12
8000029	F005	TR5375	317F	11	15398	77/12/02	78/10/18
8000029	F005	TR5376	317F	9	11604	77/10/20	78/06/19
8000029	F005	TR5380	317F	12	15447	78/04/12	78/10/18
8000029	F005	TR5381	317F	7	9059	77/11/30	78/10/18
8000029	F005	TR5382	317F	3	2721	78/02/19	78/09/13
8000029	F144	TR5377	31G3	12	193	79/04/16	79/04/16
8000029	F144	TR5378	31G3	4	39	79/01/09	79/01/09
8000029	F144	TR5379	31G3	4	39	78/06/13	78/06/13

(10 rows affected)