

DPF A:4:04

## DATA DOCUMENTATION FORM

79-0142  
TR 4057NOAA FORM 24-13  
(4-77)U.S. DEPARTMENT OF COMMERCE  
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION  
NATIONAL OCEANOGRAPHIC DATA CENTER  
RECORDS SECTION  
WASHINGTON, DC 20235FORM APPROVED  
O.M.B. No. 41-R2651  
EXPIRES 1-81

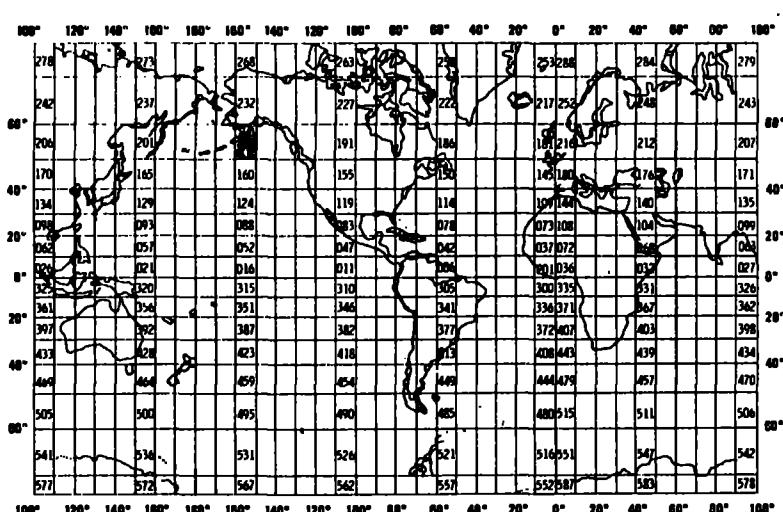
F028

(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 <i>PACIFIC MARINE ENVIRONMENTAL LABORATORY / NOAA 7600 SANDPOINT WAY NE SEATTLE, WA. 98115</i>													
2. EXPEDITION, PROJECT, OR PROGRAM DURING WHICH DATA WERE COLLECTED <i>OCSEAP</i>		3. CRUISE NUMBER(S) USED BY ORIGINATOR TO IDENTIFY DATA IN THIS SHIPMENT <i>LCI 781</i>											
4. PLATFORM NAME(S) <i>R/V. SURVEYOR</i>	5. PLATFORM TYPE(S) (E.G., SHIP, BUOY, ETC.) <i>SHIP</i>	6. PLATFORM AND OPERATOR NATIONALITY(IES) <table border="1"><thead><tr><th>PLATFORM</th><th>OPERATOR</th></tr></thead><tbody><tr><td><i>U.S.A.</i></td><td><i>U.S.A.</i></td></tr><tr><td><i>N.O.A.A.</i></td><td><i>N.O.A.A.</i></td></tr></tbody></table>	PLATFORM	OPERATOR	<i>U.S.A.</i>	<i>U.S.A.</i>	<i>N.O.A.A.</i>	<i>N.O.A.A.</i>	7. DATES <table border="1"><thead><tr><th>FROM: MO, DAY, YR</th><th>TO: MO, DAY, YR</th></tr></thead><tbody><tr><td><i>03/24/78</i></td><td><i>03/26/78</i></td></tr></tbody></table>	FROM: MO, DAY, YR	TO: MO, DAY, YR	<i>03/24/78</i>	<i>03/26/78</i>
PLATFORM	OPERATOR												
<i>U.S.A.</i>	<i>U.S.A.</i>												
<i>N.O.A.A.</i>	<i>N.O.A.A.</i>												
FROM: MO, DAY, YR	TO: MO, DAY, YR												
<i>03/24/78</i>	<i>03/26/78</i>												
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. <i>LOWER COOK INLET</i> 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)  <i>ALEXANDER J. CHESTER</i>  <i>206-442-4900</i>													

### 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	ABSOLUTE NO. OF CELLS	ZEISS INVERTED MICROSCOPE	UTERMÖL INVERTED MICROSCOPE TECHNIQUE	
NO. OF CELLS/LITER	NO. OF CELLS/LITER	↓ ZEISS	↓ UTERMÖL	

## C. DATA FORMAT

This information is requested only for data transmitted on punched cards or magnetic tape. Have one of your data processing specialists furnish answers either on the form or by attaching equivalent readily available documentation. Identify the nature and meaning of all entries and explain any codes used.

1. List the record types contained in your file transmittal (e.g., tape label record, master, detail, standard depth, etc.).
2. Describe briefly how your file is organized.
- 3-13. Self-explanatory.
14. Enter the field name as appropriate (e.g., header information, temperature, depth, salinity).
15. Enter starting position of the field.
16. Enter field length in number columns and unit of measurement (e.g., bit, byte, character, word) in unit column.
17. Enter attributes as expressed in the programming language specified in item 3 (e.g., "F 4.1," "BINARY FIXED (5.1)").
18. Describe field. If sort field, enter "SORT 1" for first, "SORT 2" for second, etc. If field is repeated, state number of times it is repeated.

### C. DATA FORMAT

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

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

TWO RECORD TYPES, MASTER RECORD (type 1)  
AND DETAIL II RECORD (type 4) DIFFERENTIATED by byte 10.

2. GIVE BRIEF DESCRIPTION OF FILE ORGANIZATION

THERE IS ONE MASTER RECORD AND SEVERAL DETAIL II  
RECORDS PER NISKIN ROSETTE CAST.

3. ATTRIBUTES AS EXPRESSED IN

☐ PL-1

☐ ALGOL

☐ COBOL

☒ FORTRAN

☐

LANGUAGE

4. RESPONSIBLE COMPUTER SPECIALIST:

NAME AND PHONE NUMBER

ALEX CHESTER (206) 442-4900

ADDRESS

7600 SAND POINT WAY NE, SEATTLE, WA. 98155

COMPLETE THIS SECTION IF DATA ARE ON MAGNETIC TAPE

<b>5. RECORDING MODE</b> <input type="checkbox"/> BCD <input type="checkbox"/> BINARY <input type="checkbox"/> ASCII <input type="checkbox"/> EBCDIC <input type="checkbox"/>	<b>9. LENGTH OF INTER-RECORD GAP (IF KNOWN)</b> <input type="checkbox"/> 3/4 INCH <input type="checkbox"/>
<b>6. NUMBER OF TRACKS (CHANNELS)</b> <input type="checkbox"/> SEVEN <input type="checkbox"/> NINE <input type="checkbox"/>	<b>10. END OF FILE MARK</b> <input type="checkbox"/> OCTAL 17 <input type="checkbox"/>
<b>7. PARITY</b> <input type="checkbox"/> ODD <input type="checkbox"/> EVEN	<b>11. PASTE-ON-PAPER LABEL DESCRIPTION (INCLUDE ORIGINATOR NAME AND SOME KEY SPECIFICATIONS OF DATA TYPE, VOLUME NUMBER)</b>  425 028 LCI 781 R/V SURVEYOR 03/24/78 - 03/26/78 A.J. Chester
<b>8. DENSITY</b> <input type="checkbox"/> 200 BPI <input type="checkbox"/> 1600 BPI <input type="checkbox"/> 556 BPI <input type="checkbox"/> 800 BPI <input type="checkbox"/>	<b>12. PHYSICAL BLOCK LENGTH IN BYTES</b>  <b>13. LENGTH OF BYTES IN BITS</b>

# RECORD FORMAT DESCRIPTION

2-20 '76

RECORD NAME MASTER RECORD Phytoplankton Species

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 '028'
File Identifier	4	6	Bytes	A6	
Record Type	10	1	Bytes	I1	Always '1'
Station Number	11	5	Bytes	A5	
Latitude,					
Dégress	16	2	Bytes	I2	
Minutes	18	2	Bytes	I2	
Seconds	20	2	Bytes	I2	
Hemisphere	22	1	Bytes	A1	
Longitude,					
Degrees	23	3	Bytes	I3	
Minutes	26	2	Bytes	I2	
Seconds	28	2	Bytes	I2	
Hemisphere	30	1	Bytes	A1	
Year	31	2	Bytes	I2	Last two digits of year
Month	33	2	Bytes	I2	1-12
Day	35	2	Bytes	I2	1-31
Hour	37	2	Bytes	I2	0-23
Minutes	39	2	Bytes	I2	0-59
Time Zone	41	1	Bytes	A1	Always '+' or '-'
Time Zone	42	2	Bytes	A2	01-12
Depth to Bottom	44	5	Bytes	I5	To whole meters
Blank	49	32	Bytes	32X	

} GMT

# RECORD FORMAT DESCRIPTION

1/17/76

ORD NAME Detail II Record (Phytoplankton Species)

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 '028'
File Identifier	4	6	Bytes	A6	
Record Type	10	1	Bytes	I1	Always '4'
Station Number	11	5	Bytes	A5	
Sample Number	16	4	Bytes	A4	Originator's internal use
Sample Depth	20	4	Bytes	I4	Meters to tenths
Taxonomic Code	24	10	Bytes	5A2	
Blank	34	3	Bytes	3X	
Cells Per Liter	37	9	Bytes	I9	
Carbon Per Liter	46	14	Bytes	I14	Picograms per liter
Percent Cells Per Liter	60	7	Bytes	I7	To hundred thousandths
Percent Carbon Per Liter	67	7	Bytes	I7	To hundred thousandths
Blank	74	4	Bytes	4X	
Sequence Number	78	3	Bytes	I3	Ascending order for sorting

# 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 (✓)	
MICROSCOPE ZEISS - INVERTOSCOPE	SUMMER 78	✓			✓				

ACCESSION  
NUMBER

79-0142

## DATA DOCUMENTATION FORM

TR4058

NOAA FORM 24-13  
(4-77)U.S. DEPARTMENT OF COMMERCE  
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION  
NATIONAL OCEANOGRAPHIC DATA CENTER  
RECORDS SECTION  
WASHINGTON, DC 20235FORM APPROVED  
O.M.B. No. 41-R2651  
EXPIRES 1-81

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2. EXPEDITION, PROJECT, OR PROGRAM DURING WHICH DATA WERE COLLECTED <i>OCSEAP</i>		3. CRUISE NUMBER(S) USED BY ORIGINATOR TO IDENTIFY DATA IN THIS SHIPMENT <i>LCI 782</i>	
4. PLATFORM NAME(S) <i>R/V MULLER FREEMAN</i>	5. PLATFORM TYPE(S) (E.G., SHIP, BUOY, ETC.) <i>SHIP</i>	6. PLATFORM AND OPERATOR NATIONALITY(IES) PLATFORM OPERATOR <i>U.S.A. U.S.A. N.O.A.A. N.O.A.A.</i>	7. DATES FROM: MO, DAY, YR TO: MO, DAY, YR <i>05/8/78 05/14/78</i>
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. <i>LOWER COOK INLET</i> GENERAL AREA	
9. ARE DATA DECLARED NATIONAL PROGRAM (DNPI)? (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) <i>ALEXANDER J. CHESTER 206-442-4900</i>			



# 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
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NO. OF CELLS/LITER	NO. OF CELLS/LITER	↓ ZEISS	↓ UTERMÖL	

## C. DATA FORMAT

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RECORDS PER NISKIN ROSETTE CAST.

3. ATTRIBUTES AS EXPRESSED IN

☐ PL-1

☐ ALGOL

☐ COBOL

☒ FORTRAN

☐ \_\_\_\_\_ LANGUAGE

4. RESPONSIBLE COMPUTER SPECIALIST:

NAME AND PHONE NUMBER

ALEX CHESTER (206) 442-4900

ADDRESS

7600 SAND POINT WAY NE, SEATTLE, WA. 98155

COMPLETE THIS SECTION IF DATA ARE ON MAGNETIC TAPE

<b>5. RECORDING MODE</b> <input type="checkbox"/> BCD <input type="checkbox"/> BINARY <input type="checkbox"/> ASCII <input type="checkbox"/> EBCDIC <input type="checkbox"/> _____	<b>9. LENGTH OF INTER-RECORD GAP (IF KNOWN)</b> <input type="checkbox"/> 3/4 INCH <input type="checkbox"/> _____
<b>6. NUMBER OF TRACKS (CHANNELS)</b> <input type="checkbox"/> SEVEN <input type="checkbox"/> NINE <input type="checkbox"/> _____	<b>10. END OF FILE MARK</b> <input type="checkbox"/> OCTAL 17 <input type="checkbox"/> _____
<b>7. PARITY</b> <input type="checkbox"/> ODD <input type="checkbox"/> EVEN	<b>11. PASTE-ON-PAPER LABEL DESCRIPTION (INCLUDE ORIGINATOR NAME AND SOME LAY SPECIFICATIONS OF DATA TYPE, VOLUME NUMBER)</b>  425 028 LCI 782 R/V MILLER FREEMAN 05/08/78 - 05/14/78 A.J. Chester
<b>8. DENSITY</b> <input type="checkbox"/> 200 BPI <input type="checkbox"/> 1600 BPI <input type="checkbox"/> 556 BPI <input type="checkbox"/> 800 BPI <input type="checkbox"/> _____	<b>12. PHYSICAL BLOCK LENGTH IN BYTES</b>  <b>13. LENGTH OF BYTES IN BITS</b>

# RECORD FORMAT DESCRIPTION

2-20 '76

RECORD NAME MASTER RECORD Phytoplankton Species

14. FIELD NAME	15. POSITION FROM - 1 MEASURED IN Bytes (e.g., bits, bytes)	16. LENGTH		17. ATTRIBUTES	18. USE AND MEANING
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File Identifier	4	6	Bytes	A6	
Record Type	10	1	Bytes	I1	Always '1'
Station Number	11	5	Bytes	A5	
Latitude,					
Dégress	16	2	Bytes	I2	
Minutes	18	2	Bytes	I2	
Seconds	20	2	Bytes	I2	
Hemisphere	22	1	Bytes	A1	
Longitude,					
Degrees	23	3	Bytes	I3	
Minutes	26	2	Bytes	I2	
Seconds	28	2	Bytes	I2	
Hemisphere	30	1	Bytes	A1	
Year	31	2	Bytes	I2	Last two digits of year
Month	33	2	Bytes	I2	1-12
Day	35	2	Bytes	I2	1-31
Hour	37	2	Bytes	I2	0-23
Minutes	39	2	Bytes	I2	0-59
Time Zone	41	1	Bytes	A1	Always '+' or '-'
Time Zone	42	2	Bytes	A2	01-12
Depth to Bottom	44	5	Bytes	I5	To whole meters
Blank	49	32	Bytes	32X	

} GMT

# RECORD FORMAT DESCRIPTION

1/17/76

ORD NAME Detail II Record (Phytoplankton Species)

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 '028'
File Identifier	4	6	Bytes	A6	
Record Type	10	1	Bytes	I1	Always '4'
Station Number	11	5	Bytes	A5	
Sample Number	16	4	Bytes	A4	Originator's internal use
Sample Depth	20	4	Bytes	I4	Meters to tenths
Taxonomic Code	24	10	Bytes	5A2	
Blank	34	3	Bytes	3X	
Cells Per Liter	37	9	Bytes	I9	
Carbon Per Liter	46	14	Bytes	I14	Picograms per liter
Percent Cells Per Liter	60	7	Bytes	I7	To hundred thousandths
Percent Carbon Per Liter	67	7	Bytes	I7	To hundred thousandths
Blank	74	4	Bytes	4X	
Sequence Number	78	3	Bytes	I3	Ascending order for sorting

## DATA DOCUMENTATION FORM

TR 4059

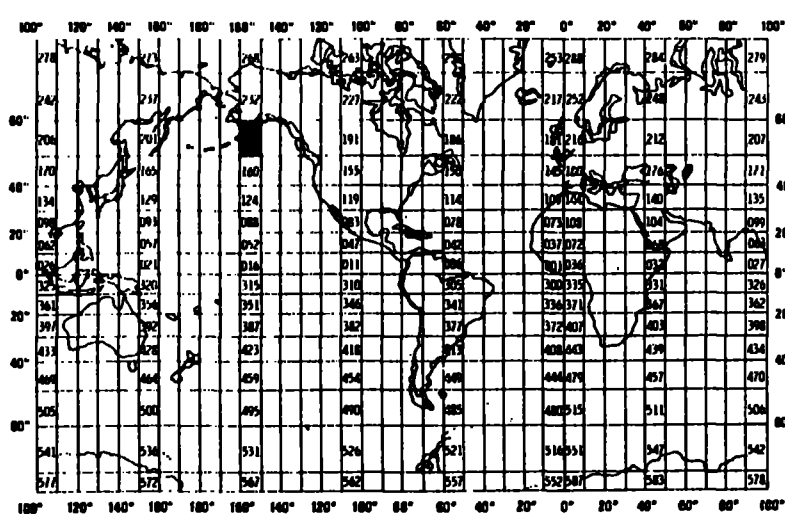
NOAA FORM 24-13  
(4-77)U.S. DEPARTMENT OF COMMERCE  
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION  
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THERE IS ONE MASTER RECORD AND SEVERAL DETAIL II  
RECORDS PER NISKIN ROSETTE CAST.

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"/> _____ | LANGUAGE                       |

4. RESPONSIBLE COMPUTER SPECIALIST:

NAME AND PHONE NUMBER ALEX CHESTER (206) 442-4900  
ADDRESS 7600 SAND POINT WAY NE, SEATTLE, WA. 98155

COMPLETE THIS SECTION IF DATA ARE ON MAGNETIC TAPE

<p>5. RECORDING MODE</p> <table border="0"> <tr> <td><input type="checkbox"/> BCD</td> <td><input type="checkbox"/> BINARY</td> </tr> <tr> <td><input type="checkbox"/> ASCII</td> <td><input type="checkbox"/> EBCDIC</td> </tr> <tr> <td colspan="2"><input type="checkbox"/> _____</td> </tr> </table> <p>6. NUMBER OF TRACKS (CHANNELS)</p> <table border="0"> <tr> <td><input type="checkbox"/> SEVEN</td> </tr> <tr> <td><input type="checkbox"/> NINE</td> </tr> <tr> <td><input type="checkbox"/> _____</td> </tr> </table> <p>7. PARITY</p> <table border="0"> <tr> <td><input type="checkbox"/> ODD</td> </tr> <tr> <td><input type="checkbox"/> EVEN</td> </tr> </table> <p>8. DENSITY</p> <table border="0"> <tr> <td><input type="checkbox"/> 200 BPI</td> <td><input 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"/> BCD	<input type="checkbox"/> BINARY	<input type="checkbox"/> ASCII	<input type="checkbox"/> EBCDIC	<input type="checkbox"/> _____		<input type="checkbox"/> SEVEN	<input type="checkbox"/> NINE	<input type="checkbox"/> _____	<input type="checkbox"/> ODD	<input type="checkbox"/> EVEN	<input type="checkbox"/> 200 BPI	<input type="checkbox"/> 1600 BPI	<input type="checkbox"/> 556 BPI		<input type="checkbox"/> 800 BPI		<input type="checkbox"/> _____		<p>9. LENGTH OF INTER-RECORD GAP (IF KNOWN) <input type="checkbox"/> 3/4 INCH <input type="checkbox"/> _____</p> <p>10. END OF FILE MARK <input type="checkbox"/> OCTAL 17 <input type="checkbox"/> _____</p> <p>11. PASTE-ON-PAPER LABEL DESCRIPTION (INCLUDE ORIGINATOR NAME AND SOME KEY SPECIFICATIONS OF DATA TYPE, VOLUME NUMBER)</p> <p style="margin-left: 20px;">425 028 LCI 783 R/V MILLER FREEMAN 06/06/78 - 06/13/78 A.J. Chester</p> <p>12. PHYSICAL BLOCK LENGTH IN BYTES</p> <p>13. LENGTH OF BYTES IN BITS</p>
<input type="checkbox"/> BCD	<input type="checkbox"/> BINARY																			
<input type="checkbox"/> ASCII	<input type="checkbox"/> EBCDIC																			
<input type="checkbox"/> _____																				
<input type="checkbox"/> SEVEN																				
<input type="checkbox"/> NINE																				
<input type="checkbox"/> _____																				
<input type="checkbox"/> ODD																				
<input type="checkbox"/> EVEN																				
<input type="checkbox"/> 200 BPI	<input type="checkbox"/> 1600 BPI																			
<input type="checkbox"/> 556 BPI																				
<input type="checkbox"/> 800 BPI																				
<input type="checkbox"/> _____																				

# RECORD FORMAT DESCRIPTION

2-20-76

RECORD NAME MASTER RECORD Phytoplankton Species

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 '028'
File Identifier	4	6	Bytes	A6	
Record Type	10	1	Bytes	I1	Always '1'
Station Number	11	5	Bytes	A5	
Latitude,					
Dégress	16	2	Bytes	I2	
Minutes	18	2	Bytes	I2	
Seconds	20	2	Bytes	I2	
Hemisphere	22	1	Bytes	A1	
Longitude,					
Degrees	23	3	Bytes	I3	
Minutes	26	2	Bytes	I2	
Seconds	28	2	Bytes	I2	
Hemisphere	30	1	Bytes	A1	
Year	31	2	Bytes	I2	Last two digits of year
Month	33	2	Bytes	I2	1-12
Day	35	2	Bytes	I2	1-31
Hour	37	2	Bytes	I2	0-23
Minutes	39	2	Bytes	I2	0-59
Time Zone	41	1	Bytes	A1	Always '+' or '-'
Time Zone	42	2	Bytes	A2	01-12
Depth to Bottom	44	5	Bytes	I5	To whole meters
Blank	49	32	Bytes	32X	

} GMT

# RECORD FORMAT DESCRIPTION

1/11/76

WORD NAME Detail II Record (Phytoplankton Species)

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 '028'
File Identifier	4	6	Bytes	A6	
Record Type	10	1	Bytes	I1	Always '4'
Station Number	11	5	Bytes	A5	
Sample Number	16	4	Bytes	A4	Originator's internal use
Sample Depth	20	4	Bytes	I4	Meters to tenths
Taxonomic Code	24	10	Bytes	5A2	
Blank	34	3	Bytes	3X	
Cells Per Liter	37	9	Bytes	I9	
Carbon Per Liter	46	14	Bytes	I14	Picograms per liter
Percent Cells Per Liter	60	7	Bytes	I7	To hundred thousandths
Percent Carbon Per Liter	67	7	Bytes	I7	To hundred thousandths
Blank	74	4	Bytes	4X	
Sequence Number	78	3	Bytes	I3	Ascending order for sorting

# 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 (✓)	
MICROSCOPE ZEISS - INVERTOSCOPE	SUMMER 78	✓			✓				

ACCESSION  
NUMBER

FEB 5 1979  
79-0142

# DATA DOCUMENTATION FORM

TR 4060

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

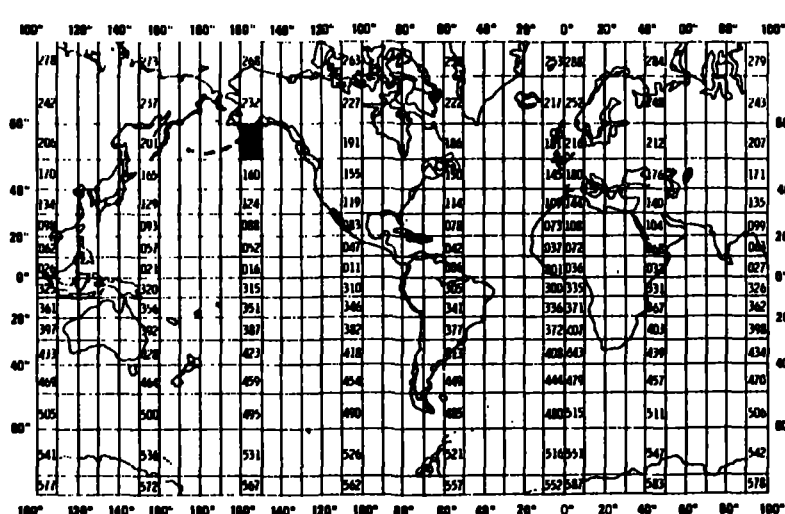
FORM APPROVED  
O.M.B. No. 41-R2651  
EXPIRES 1-81

(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 <i>PACIFIC MARINE ENVIRONMENTAL LABORATORY / NOAA 7600 SANDPOINT WAY NE SEATTLE, WA. 98115</i>			
2. EXPEDITION, PROJECT, OR PROGRAM DURING WHICH DATA WERE COLLECTED <i>OCSEAP</i>		3. CRUISE NUMBER(S) USED BY ORIGINATOR TO IDENTIFY DATA IN THIS SHIPMENT <i>LCI 784</i>	
4. PLATFORM NAME(S) <i>R/V MILLER FREEMAN</i>	5. PLATFORM TYPE(S) (E.G., SHIP, BUOY, ETC.) <i>SHIP</i>	6. PLATFORM AND OPERATOR NATIONALITY(IES) PLATFORM OPERATOR <i>U.S.A. U.S.A. N.O.A.A. N.O.A.A.</i>	
		7. DATES FROM: MO, DAY, YR TO: MO, DAY, YR <i>07/13/78 07/20/78</i>	
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. <i>LOWER COOK INLET GENERAL AREA</i>	
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) <i>ALEXANDER J. CHESTER 206-442-4900</i>			

# 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	ABSOLUTE NO. OF CELLS	ZEISS INVERTED MICROSCOPE	UTERMÖL INVERTED MICROSCOPE TECHNIQUE	
NO. OF CELLS/LITER	NO. OF CELLS/LITER	↓ ZEISS	↓ UTERMÖL	

## C. DATA FORMAT

This information is requested only for data transmitted on punched cards or magnetic tape. Have one of your data processing specialists furnish answers either on the form or by attaching equivalent readily available documentation. Identify the nature and meaning of all entries and explain any codes used.

1. List the record types contained in your file transmittal (e.g., tape label record, master, detail, standard depth, etc.).
2. Describe briefly how your file is organized.
- 3-13. Self-explanatory.
14. Enter the field name as appropriate (e.g., header information, temperature, depth, salinity).
15. Enter starting position of the field.
16. Enter field length in number columns and unit of measurement (e.g., bit, byte, character, word) in unit column.
17. Enter attributes as expressed in the programming language specified in item 3 (e.g., "F 4.1," "BINARY FIXED (5.1)").
18. Describe field. If sort field, enter "SORT 1" for first, "SORT 2" for second, etc. If field is repeated, state number of times it is repeated.

## C. DATA FORMAT

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

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

TWO RECORD TYPES, MASTER RECORD (type 1)  
AND DETAIL II RECORD (type 4) DIFFERENTIATED by byte 10.

2. GIVE BRIEF DESCRIPTION OF FILE ORGANIZATION

THERE IS ONE MASTER RECORD AND SEVERAL DETAIL II  
RECORDS PER NISKIN ROSETTE CAST.

3. ATTRIBUTES AS EXPRESSED IN

☐ PL-1

☐ ALGOL

☐ COBOL

☒ FORTRAN

☐ \_\_\_\_\_ LANGUAGE

4. RESPONSIBLE COMPUTER SPECIALIST:

NAME AND PHONE NUMBER

ALEX CHESTER (206) 442-4900

ADDRESS

7600 SAND POINT WAY NE, SEATTLE, WA. 98155

COMPLETE THIS SECTION IF DATA ARE ON MAGNETIC TAPE

<p>5. RECORDING MODE</p> <div style="display: flex; justify-content: space-between;"> <div><input type="checkbox"/> BCD</div> <div><input type="checkbox"/> BINARY</div> </div> <div style="display: flex; justify-content: space-between;"> <div><input type="checkbox"/> ASCII</div> <div><input type="checkbox"/> EBCDIC</div> </div> <div style="display: flex; justify-content: space-between;"> <div><input type="checkbox"/> _____</div> <div><input type="checkbox"/> _____</div> </div>	<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> <div style="display: flex; justify-content: space-between;"> <div><input type="checkbox"/> SEVEN</div> <div><input type="checkbox"/> NINE</div> </div> <div style="display: flex; justify-content: space-between;"> <div><input type="checkbox"/> _____</div> <div><input type="checkbox"/> _____</div> </div>	<p>10. END OF FILE MARK</p> <div style="display: flex; justify-content: space-between;"> <div><input type="checkbox"/> OCTAL 17</div> <div><input type="checkbox"/> _____</div> </div>
<p>7. PARITY</p> <div style="display: flex; justify-content: space-between;"> <div><input type="checkbox"/> ODD</div> <div><input type="checkbox"/> EVEN</div> </div>	<p>11. PASTE-ON-PAPER LABEL DESCRIPTION (INCLUDE ORIGINATOR NAME AND SOME KEY SPECIFICATIONS OF DATA TYPE, VOLUME NUMBER)</p> <p>425 028 LCI 784 R/V MILLER FREEMAN 07/13/78 - 07/20/78 A.J. Chester</p>
<p>8. DENSITY</p> <div style="display: flex; justify-content: space-between;"> <div><input type="checkbox"/> 200 BPI</div> <div><input type="checkbox"/> 1600 BPI</div> </div> <div style="display: flex; justify-content: space-between;"> <div><input type="checkbox"/> 556 BPI</div> <div><input type="checkbox"/> 800 BPI</div> </div> <div style="display: flex; justify-content: space-between;"> <div><input type="checkbox"/> _____</div> <div><input type="checkbox"/> _____</div> </div>	<p>12. PHYSICAL BLOCK LENGTH IN BYTES</p> <p>13. LENGTH OF BYTES IN BITS</p>



# RECORD FORMAT DESCRIPTION

2-20 '76

RECORD NAME MASTER RECORD Phytoplankton Species

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 '028'
File Identifier	4	6	Bytes	A6	
Record Type	10	1	Bytes	I1	Always '1'
Station Number	11	5	Bytes	A5	
Latitude,					
Degrees	16	2	Bytes	I2	
Minutes	18	2	Bytes	I2	
Seconds	20	2	Bytes	I2	
Hemisphere	22	1	Bytes	A1	
Longitude,					
Degrees	23	3	Bytes	I3	
Minutes	26	2	Bytes	I2	
Seconds	28	2	Bytes	I2	
Hemisphere	30	1	Bytes	A1	
Year	31	2	Bytes	I2	Last two digits of year
Month	33	2	Bytes	I2	1-12
Day	35	2	Bytes	I2	1-31
Hour	37	2	Bytes	I2	0-23
Minutes	39	2	Bytes	I2	0-59
Time Zone	41	1	Bytes	A1	Always '+' or '-'
Time Zone	42	2	Bytes	A2	01-12
Depth to Bottom	44	5	Bytes	I5	To whole meters
Blank	49	32	Bytes	32X	

} GMT

# RECORD FORMAT DESCRIPTION

1/11/76

CORD NAME Detail II Record (Phytoplankton Species)

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 '028'
File Identifier	4	6	Bytes	A6	
Record Type	10	1	Bytes	I1	Always '4'
Station Number	11	5	Bytes	A5	
Sample Number	16	4	Bytes	A4	Originator's internal use
Sample Depth	20	4	Bytes	I4	Meters to tenths
Taxonomic Code	24	10	Bytes	5A2	
Blank	34	3	Bytes	3X	
Cells Per Liter	37	9	Bytes	I9	
Carbon Per Liter	46	14	Bytes	I14	Picograms per liter
Percent Cells Per Liter	60	7	Bytes	I7	To hundred thousandths
Percent Carbon Per Liter	67	7	Bytes	I7	To hundred thousandths
Blank	74	4	Bytes	4X	
Sequence Number	78	3	Bytes	I3	Ascending order for sorting

ACCESSION  
NUMBER

FEB 5 1979  
79-0142

# DATA DOCUMENTATION FORM

TR 4061

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

(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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## A. ORIGINATOR IDENTIFICATION

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1. NAME AND ADDRESS OF INSTITUTION, LABORATORY, OR ACTIVITY WITH WHICH SUBMITTED DATA ARE ASSOCIATED <i>PACIFIC MARINE ENVIRONMENTAL LABORATORY / NOAA 7600 SANDPOINT WAY NE SEATTLE, WA. 98115</i>			
2. EXPEDITION, PROJECT, OR PROGRAM DURING WHICH DATA WERE COLLECTED <i>OCSEAP</i>		3. CRUISE NUMBER(S) USED BY ORIGINATOR TO IDENTIFY DATA IN THIS SHIPMENT <i>LCI 785</i>	
4. PLATFORM NAME(S) <i>R/V SURVEYOR</i>	5. PLATFORM TYPE(S) (E.G., SHIP, BUOY, ETC.) <i>SHIP</i>	6. PLATFORM AND OPERATOR NATIONALITY(IES) PLATFORM OPERATOR <i>U.S.A. U.S.A. N.O.A.A. N.O.A.A.</i>	7. DATES FROM: MO, DAY, YR TO: MO, DAY, YR <i>08/14/78 08/20/78</i>
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. <i>LOWER COOK INLET</i> 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) <i>ALEXANDER J. CHESTER 206-442-4900</i>			

### 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	ABSOLUTE NO. OF CELLS	ZEISS INVERTED MICROSCOPE	UTERMÖL INVERTED MICROSCOPE TECHNIQUE	
NO. OF CELLS/LITER	NO. OF CELLS/LITER	↓ ZEISS	↓ UTERMÖL	

## 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.**

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2. Describe briefly how your file is organized.
- 3-13. Self-explanatory.
14. Enter the field name as appropriate (e.g., header information, temperature, depth, salinity).
15. Enter starting position of the field.
16. Enter field length in number columns and unit of measurement (e.g., bit, byte, character, word) in unit column.
17. Enter attributes as expressed in the programming language specified in item 3 (e.g., "F 4.1," "BINARY FIXED (5.1)").
18. Describe field. If sort field, enter "SORT 1" for first, "SORT 2" for second, etc. If field is repeated, state number of times it is repeated.

### C. DATA FORMAT

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

TWO RECORD TYPES, MASTER RECORD (type 1)  
AND DETAIL II RECORD (type 4) DIFFERENTIATED by byte 10.

2. GIVE BRIEF DESCRIPTION OF FILE ORGANIZATION

THERE IS ONE MASTER RECORD AND SEVERAL DETAIL II  
RECORDS PER NISKIN ROSETTE CAST.

3. ATTRIBUTES AS EXPRESSED IN

☐ PL-1

☐ ALGOL

☐ COBOL

☒ FORTRAN

☐ \_\_\_\_\_ LANGUAGE

4. RESPONSIBLE COMPUTER SPECIALIST:

NAME AND PHONE NUMBER

ALEX CHESTER (206) 442-4900

ADDRESS

7600 SAND POINT WAY NE, SEATTLE, WA. 98155

COMPLETE THIS SECTION IF DATA ARE ON MAGNETIC TAPE

<b>5. RECORDING MODE</b> <input type="checkbox"/> BCD <input type="checkbox"/> BINARY <input type="checkbox"/> ASCII <input type="checkbox"/> EBCDIC <input type="checkbox"/> _____	<b>9. LENGTH OF INTER-RECORD GAP (IF KNOWN)</b> <input type="checkbox"/> 3/4 INCH <input type="checkbox"/> _____
<b>6. NUMBER OF TRACKS (CHANNELS)</b> <input type="checkbox"/> SEVEN <input type="checkbox"/> NINE <input type="checkbox"/> _____	<b>10. END OF FILE MARK</b> <input type="checkbox"/> OCTAL 17 <input type="checkbox"/> _____
<b>7. PARITY</b> <input type="checkbox"/> ODD <input type="checkbox"/> EVEN	<b>11. PASTE-ON-PAPER LABEL DESCRIPTION (INCLUDE ORIGINATOR NAME AND SOME KEY SPECIFICATIONS OF DATA TYPE, VOLUME NUMBER)</b>  425 028 LCI 785 R/V SURVEYOR 08/14/78 - 08/20/78 A.J. Chester
<b>8. DENSITY</b> <input type="checkbox"/> 200 BPI <input type="checkbox"/> 1600 BPI <input type="checkbox"/> 556 BPI <input type="checkbox"/> 800 BPI <input type="checkbox"/> _____	<b>12. PHYSICAL BLOCK LENGTH IN BYTES</b>  <b>13. LENGTH OF BYTES IN BITS</b>  

## RECORD FORMAT DESCRIPTION

2-20 '76

RECORD NAME MASTER RECORD Phytoplankton Species

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 '028'
File Identifier	4	6	Bytes	A6	
Record Type	10	1	Bytes	I1	Always '1'
Station Number	11	5	Bytes	A5	
Latitude,					
Dégress	16	2	Bytes	I2	
Minutes	18	2	Bytes	I2	
Seconds	20	2	Bytes	I2	
Hemisphere	22	1	Bytes	A1	
Longitude,					
Degrees	23	3	Bytes	I3	
Minutes	26	2	Bytes	I2	
Seconds	28	2	Bytes	I2	
Hemisphere	30	1	Bytes	A1	
Year	31	2	Bytes	I2	Last two digits of year
Month	33	2	Bytes	I2	1-12
Day	35	2	Bytes	I2	1-31
Hour	37	2	Bytes	I2	0-23
Minutes	39	2	Bytes	I2	0-59
Time Zone	41	1	Bytes	A1	Always '+' or '-'
Time Zone	42	2	Bytes	A2	01-12
Depth to Bottom	44	5	Bytes	I5	To whole meters
Blank	49	32	Bytes	32X	

GMT

# RECORD FORMAT DESCRIPTION

1/17/76

ORD NAME Detail II Record (Phytoplankton Species)

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 '028'
File Identifier	4	6	Bytes	A6	
Record Type	10	1	Bytes	I1	Always '4'
Station Number	11	5	Bytes	A5	
Sample Number	16	4	Bytes	A4	Originator's internal use
Sample Depth	20	4	Bytes	I4	Meters to tenths
Taxonomic Code	24	10	Bytes	5A2	
Blank	34	3	Bytes	3X	
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Carbon Per Liter	46	14	Bytes	I14	Picograms per liter
Percent Cells Per Liter	60	7	Bytes	I7	To hundred thousandths
Percent Carbon Per Liter	67	7	Bytes	I7	To hundred thousandths
Blank	74	4	Bytes	4X	
Sequence Number	78	3	Bytes	I3	Ascending order for sorting



Error Correction Documentation Form

DATE: 3/19/79

TO:

FROM: D781

SUBJECT: Error Correction in Processing of Data Set - Accession # 79-0142

- 1) File Type: 028
- 2) Project Ident.: OCSEAP
- 3) Track Nos.: TR4057-TR4061

I. Error Corrections ~~as reported to Principal Investigator:~~

Error

Correction Completed (Check)

Deleted taxonomic name  
from col. 47-80 in cardtype 4.

Changed marsh station no.  
to agree with cardtype 4  
station nos.

Removed records with zeros  
in most fields.

Changed second station 4 in  
TR 4057 to station 8.

II. Additional error corrections:

Changed second station 1 in  
Error

Correction Completed (Check)

TR 4058 to station 8.

Changed tax code 12020106 to  
12020104.

III. Processor Name: Charles B. Selby

## TAPE ASSIGNMENT SHEET (MRL) 11/6/78

6/24/79

ACCESSION NO: 79-0142

TYPE OF TAPE	TAPE NUMBER	LABEL	LRECL	BLKSIZE	RECFM	REMARKS
ORIGINATOR	PMEL28	NL	80	4800	FB	
DUPLICATE	009457	NL	80	4800	FB	
REFORMATTED						
FIRST USER	CBS- FO28T4057	SL	VAR	VAR.	VB	
FINAL USER	DMNOEX MPD751 FO28T4057	11	11	11	11	

1504

## Data Set Route Sheet

Accession # 79-0142

Step	Completion Date/Init.	Tape #, # of Files	BLKSIZE, LRECL
Originator Tape #	3/16/79 JCS	PMEL28 5	4800 80
QUADT Duplicate Tape #	3/19/79 JCS	00947 5	4800 80
DDF Evaluation			
Quality Review			
Preliminary Data Sort			
Preliminary Check			
First User Tape #	3/25/81 CBT	CBS- F028T4057 1	VAR. VAR.
Final User Tape #			
Final Check			
0. NAPLS Inventory			
1. DLP Inventory			
2. Data Set 'Finalized'			

Password:

accNo	fleA	refNo	proj	inst	ship	startDate	cruise	catId
7900142	F028	TR4058	0081	313F	31FN	1978/05/11	LCI 782	309225
7900142	F028	TR4059	0081	313F	31FN	1978/06/08	LCI 783	309226
7900142	F028	TR4060	0081	313F	31FN	1978/07/14	LCI 784	309227
7900142	F028	TR4057	0081	313F	31SU	1978/03/24	LCI 781	309224
7900142	F028	TR4061	0081	313F	31SU	1978/08/15	LCI 785	309228

(5 rows affected)

Password:

accNo	fleA	refNo	ship	staCnt	recCnt	startDate	endDate
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7900142	F028	TR4058	31FN	8	200	78/05/11	78/05/12
7900142	F028	TR4059	31FN	7	171	78/06/08	78/06/08
7900142	F028	TR4060	31FN	7	187	78/07/14	78/07/14
7900142	F028	TR4057	31SU	8	196	78/03/24	78/03/26
7900142	F028	TR4061	31SU	7	197	78/08/15	78/08/16

(5 rows affected)