

DATA DOCUMENTATION FORM

TR1657

F028

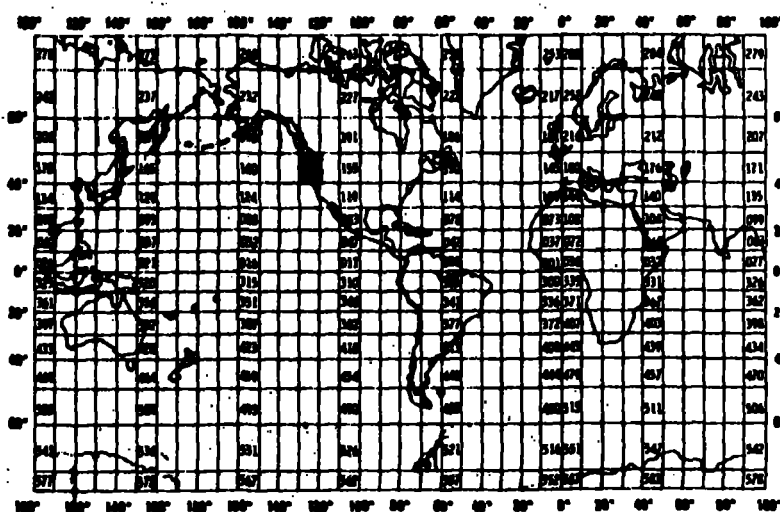
NOAA FORM 24-13
(4-77)U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL OCEANOGRAPHIC DATA CENTER
RECORDS SECTION
WASHINGTON, DC 20235FORM APPROVED
O.M.B. No. 41-R2651
EXPIRES 1-81

(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 Pacific Marine Environmental Laboratory 3711 15th Ave NE Seattle, Washington 98105			
2. EXPEDITION, PROJECT, OR PROGRAM DURING WHICH DATA WERE COLLECTED Puget Sound Energy Research Program (MESA)		3. CRUISE NUMBER(S) USED BY ORIGINATOR TO IDENTIFY DATA IN THIS SHIPMENT JF 7703	
4. PLATFORM NAME(S) M/V Snow Goose	5. PLATFORM TYPE(S) (E.G., SHIP, BUOY, ETC.) Ship	6. PLATFORM AND OPERATOR NATIONALITY(IES) U.S. U.S.	7. DATES FROM: MO, DAY, YR TO: MO, DAY, YR 4/6/77 4/7/77
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.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) Alex Chester 206-442-4903 (PIS) 399-4903			

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
Sample count	Absolute number of c. lls counted	Zeiss Inverted microscope	Utermöhl Inverted Microscope Method	
Cells per liter	Number of cells per liter	"	"	
Phytoplankton taxonomic code	10-digit numerical OCSEP code	"	"	

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 (2) record types: Station Header Cards and Detail Cards, differentiated by byte 10.

2. GIVE BRIEF DESCRIPTION OF FILE ORGANIZATION

There are one Station Header Card and several Detail Cards per Niskin cast. Each Detail Card contains the taxonomic code (identifier) and the count data for a single taxonomic group.

Cards converted to tape at NODEC with tape characteristics as given under numbers 5-13 below.

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

4. RESPONSIBLE COMPUTER SPECIALIST:

NAME AND PHONE NUMBER

ADDRESS Pat Ruffin
3711 15th Ave NE, Seattle, WA 98105

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 checked="" type="checkbox"/> 3/4 INCH</p> <p><input type="checkbox"/> _____</p>
<p>6. NUMBER OF TRACKS (CHANNELS)</p> <p><input type="checkbox"/> SEVEN</p> <p><input checked="" type="checkbox"/> NINE</p> <p><input type="checkbox"/> _____</p>	<p>10. END OF FILE MARK</p> <p><input checked="" type="checkbox"/> OCTAL 17</p> <p><input type="checkbox"/> _____</p>
<p>7. PARITY</p> <p><input checked="" type="checkbox"/> ODD</p> <p><input type="checkbox"/> EVEN</p>	<p>11. PASTE-ON-PAPER LABEL DESCRIPTION (INCLUDE ORIGINATOR NAME AND SOME KEY SPECIFICATIONS OF DATA TYPE, VOLUME NUMBER)</p> <p>Vol. Ser. No. = 11153 (copy)</p> <p>Vol. Ser. No. = 6296 (orig.)</p> <p>DSN = Puget Sound #32</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>4500 4000 (4000 for copy tape)</p> <p>13. LENGTH OF BYTES IN BITS</p> <p>8</p>

RECORD FORMAT DESCRIPTION

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	

RECORD FORMAT DESCRIPTION

RECORD NAME DETAIL RECORD) Phytoplankton Species

FIELD NAME	POSITION FROM 1 MEASURED IN Bytes	LENGTH		STATION FILE	REMARKS
		NUMBER	UNITS		
File Type	1	3	Bytes	A3	Always '028'
File Identifier	4	6	Bytes	A6	
Record	10	1	Bytes	I1	Always '3'
Station Number	11	5	Bytes	A5	
Sample Number	16	4	Bytes	A4	Originator's internal use
Sample Depth	20	4	Bytes	I4	In tenths of meters
Taxonomic Code	24	10	Bytes	I10	
Blank	34	3	Bytes	3X	
Count	37	5	Bytes	I5	Of species identified in previous field
Number of Cells/Liter	42	9	Bytes	I9	Of species identified in previous field
Wet Weight	51	7	Bytes	I7	To thousandths of grams
Dry Weight	58	7	Bytes	I7	To thousandths of grams
Volume of Water Filtered	65	5	Bytes	I5	Whole milliliters
Blank	70	8	Bytes	8X	
Sequence Number	78	3	Bytes	I3	Ascending numeric order for sorting*

* The Sequence Number may be used to structure the data in such a way that the Text Record could precede or follow the corresponding taxonomic code on the Detail Record. An example would be two organisms named on two Text Records with Sequence Numbers of '002' and '004' and corresponding Detail Records with Sequence Numbers of '001' and '003' (NOTE: The Sequence Number need not be a consecutive number, but a number that is ascending numerically.) If the data were to be sorted, within a station, by Sequence Number, the Master Record (blanks in bytes 78-80) would be first followed by Detail Record '001', Text Record '002', Detail Record '003' and Text Record '004'.

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.

[illegible]

RECORD NAME

NOAA FORM 24-13

028

SDF1 002496

SDF2 002499

ANSI 002502

TR. 462-464, 513, 519-521, 681-683, 701-703, 756, 910, 911,
946, 1105-1145, 1309, 1313, 1424, 1657, 1658, 1895, 1896,
2869, 2870, 2968-2970, 3955, 5055-5059, 6429

28,750

accession no: 77-0605

Mesa Botany Phytoplankton
following tapes transferred from 031 - 035
6296 original
011148 copy original
011254 corrected (user).

Password:

accNo	fleA	refNo	proj	inst	ship	startDate	cruise	catId
7700605	F028	TR1657	0082	313F	32GS	1977/04/06	NULL	304743

(1 row affected)

Password:

accNo	fleA	refNo	ship	staCnt	recCnt	startDate	endDate
-----	-----	-----	-----	-----	-----	-----	-----
7700605	F028	TR1657	32GS	3	134	77/04/06	77/04/07

(1 row affected)