

DDF A:3:07 DATA DOCUMENTATION FORM

TR 2975  
E024

NOAA FORM 24-13 (4-78)

U.S. DEPARTMENT OF COMMERCE  
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION  
NATIONAL OCEANOGRAPHIC DATA CENTER  
RECORDS SECTION  
ROCKVILLE, MARYLAND 20852

FORM APPROVED  
O.M.B. No. 41-R2651

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					
Dr. David M. Damkaer PMEL/NOAA 3711 15th Avenue N.E. Seattle, WA 98105					
2. EXPEDITION, PROJECT, OR PROGRAM DURING WHICH DATA WERE COLLECTED		3. CRUISE NUMBER(S) USED BY ORIGINATOR TO IDENTIFY DATA IN THIS SHIPMENT			
P SERP		FILE I.D. # SF7705			
4. PLATFORM NAME(S)	5. PLATFORM TYPE(S) (E.G., SHIP, BUOY, ETC.)	6. PLATFORM AND OPERATOR NATIONALITY(IES)		7. DATES	
		PLATFORM	OPERATOR	FROM: MO, DAY, YR	TO: MO, DAY, YR
SNOW GOOSE	SHIP	U.S.	U.S.	7/26/77	7/27/77
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. STRAIT OF JUAN DE FUCA 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)  Douglas B. Dey (206) 442-4900					

C. DATA FORMAT

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

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

MODIFIED ZOOPLANKTON FORMAT (May 17, 1977): FILE TYPE 024  
 OCSEAP SPECIES CODE (October 15, 1975)

2. GIVE BRIEF DESCRIPTION OF FILE ORGANIZATION

*Cards converted to tape at NODE with tape characteristics as outlined under blocks #5 - #13 below.*

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

4. RESPONSIBLE COMPUTER SPECIALIST:

NAME AND PHONE NUMBER \_\_\_\_\_  
 ADDRESS \_\_\_\_\_

COMPLETE THIS SECTION IF DATA ARE ON MAGNETIC TAPE

<p>5. RECORDING MODE</p> <p><input type="checkbox"/> BCD <input type="checkbox"/> BINARY</p> <p><input type="checkbox"/> ASCII <input checked="" type="checkbox"/> EBCDIC</p> <p><input type="checkbox"/> _____</p>	<p>9. LENGTH OF INTER-RECORD GAP (IF KNOWN) <input 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 LAY SPECIFICATIONS OF DATA TYPE, VOLUME NUMBER)</p> <p><i>Vol. Ser. = 13027 (orig.)</i>  <i>Vol. Ser. = 12864 (copy) QUAD I</i></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><i>4800</i></p> <p>13. LENGTH OF BYTES IN BITS</p> <p><i>8</i></p>

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 '024'
File Identifier	4	6	Bytes	A6	
Record Type	10	1	Bytes	I1	Always '1'
Vessel	11	11	Bytes	A11	
Cruise	22	6	Bytes	A6	
Cruise Dates	28	17	Bytes	I2,5(A1,I2)	XX/XX/XX-XX/XX/XX Beginning year, month, day; ending year, month, day
Area/Project	45	19	Bytes	A19	Left justified
Investigator/ Institution	64	17	Bytes	A17	Left justified

5/24/77

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 '024'
File Identifier	4	6	Bytes	A6	
Record Type	10	1	Bytes	I1	Always '2'
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	'N' or 'S'
Longitude,					
Degrees	23	3	Bytes	I3	
Minutes	26	2	Bytes	I2	
Seconds	28	2	Bytes	I2	
Hemisphere	30	1	Bytes	A1	'E' or 'W'
Date in GMT,					
Year	31	2	Bytes	I2	
Month	33	2	Bytes	I2	
Day	35	2	Bytes	I2	
Time in GMT,					
Hour	37	2	Bytes	I2	
Minute	39	2	Bytes	I2	
Depth to Bottom	41	5	Bytes	I5	To whole meters
Sample Interval,					
Upper	46	4	Bytes	I4	To whole meters
Lower	50	4	Bytes	I4	To whole meters

5/29/77

14. FIELD NAME	15. POSITION FROM - 1 MEASURED IN Bytes <small>(e.g., bits, bytes)</small>	16. LENGTH		17. ATTRIBUTES	18. USE AND MEANING
		NUMBER	UNITS		
Ship Speed	54	3	Bytes	I3	Knots to tenths
Surface Water Temperature	57	3	Bytes	I3	Degrees Celsius to tenths
Blank	60	21	Bytes	21X	

RECORD NAME Total Haul Data (Cooplankton)

FIELD NAME	POSITION FROM 1 MEASURED IN Bytes <small>(i.e., bits, bytes)</small>	LENGTH		ATTEN	DESCRIPTION
		NUMBER	UNITS		
File Type	1	3	Bytes	A4	Always '000'
File Identifier	4	6	Bytes	A6	
Record Type	10	1	Bytes	I4	Always '0'
Station Number	11	5	Bytes	A	
Gear Code	16	2	Bytes	A2	Code for gear used
Mesh Size	18	4	Bytes	I4	In microns
Duration	22	3	Bytes	I3	Hours to tow
Haul Length	25	4	Bytes	I4	Feet to tow
Blank	29	4	Bytes	4X	
Total Settled Volume	33	4	Bytes	I4	To which is added
Total Water Displaced	37	4	Bytes	I4	To which is added
Total Dry Weight of Haul	41	7	Bytes	I7	Specimen weight
Total Wet Weight of Haul	48	7	Bytes	I7	Specimen weight
Volume of Water Filtered	55	6	Bytes	I6	To which is added
Duration of Tow	61	6	Bytes	3I6	Hours, minutes, seconds (this field is 10 minutes field when 10 minutes is required)
Haul Type Code	67	1	Bytes	A1	0 = Bottom Trawl 1 = Benthic 2 = Vertical 3 = Surface Circular 4 = Surface Trawl 5 = Vertical
Blank	68	13	Bytes	13x	

7/15/76

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 '024'
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	
Taxonomic Code	20	10	Bytes	5A2	
Life History Code	30	1	Bytes	A1	
Size of Sub-Sample	31	4	Bytes	I4	Percent to tenths
Number in Sub-Sample	35	5	Bytes	I5	
Concentration	40	6	Bytes	I6	Number per cubic meter
I Weight	46	7	Bytes	I7	Grams to thousandths
W Weight	53	7	Bytes	I7	Grams to thousandths
Number of Adults	60	5	Bytes	I5	Whole number
Number of Juveniles	65	5	Bytes	I5	Whole number
Number of Eggs	70	5	Bytes	I5	Whole number
Number of Larvae	75	5	Bytes	I5	Whole number
Blank	80	1	Bytes	1X	

Note: There are two possible ways this record type can be used. If, for example, dry weights were to be measured for each Life History Stage, then a record type 4 will be created for each stage indicated and bytes 60 through 80 will be blank. If all measurements other than counts will be total measurements then Life History Code will equal A and adults and juveniles may be reported on one record type 4.

RECORD FORMAT DESCRIPTION

RECORD NAME Text (Zooplankton)

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 '024'
File Identifier	4	6	Bytes	A6	
Record Type	10	1	Bytes	I1	Always '5'
Station Number	11	5	Bytes	A5	
Sequence Number	16	4	Bytes	I4	
Text	20	61	Bytes	61A1	



## RECORD FORMAT DESCRIPTION

7

RECORD NAME Subsample Data 2 (Zooplankton)

ELD 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 '024'
File Identifier	4	6	Bytes	A6	
Record Type	10	1	Bytes	I1	Always '6'
Station Number	11	5	Bytes	A5	
Sample Number	16	4	Bytes	A4	
Taxonomic Code	20	10	Bytes	5A2	
Life History Code	30	1	Bytes	A1	
Size of Sub- Sample	31	4	Bytes	I4	Percent to tenths
Number in Sub- Sample	35	5	Bytes	I5	
Concentration	40	6	Bytes	I6	Number per cubic meter to thousandths
Dry Weight	46	7	Bytes	I7	Grams to thousandths
Wet Weight	53	7	Bytes	I7	Grams to thousandths
Number of Adults	60	5	Bytes	I5	Whole number
Number of Juveniles	65	5	Bytes	I5	Whole number
Number of Eggs	70	5	Bytes	I5	Whole number
Number of Larvae	75	5	Bytes	I5	Whole number
Blank	80	1	Bytes	1X	
<p>Note: There are two possible ways this record type can be used. If, for example, dry weights were to be measured for each Life History Stage, then a record type 6 will be created for each stage indicated and bytes 60 through 80 will be blank. If all measurements other than counts will be total measurements then Life History Code will equal A and adults and juveniles may be reported on one record type 6.</p>					



UNITED STATES DEPARTMENT OF COMMERCE  
National Oceanic and Atmospheric Administration  
ENVIRONMENTAL DATA SERVICE  
Washington, D.C. 20235  
National Oceanographic Data Center

Date :  
To : D781  
From : D752 522-11  
Subject : Error Correction in Processing of  
Data Set - Accession # 78-0313

- 1) File Type: 024
- 2) Project Ident.: Puget Sound/PSEAP
- 3) Track Nos.: TR2975

I. Error corrections as reported to Principal Investigator:

II. Additional error corrections:

III. Processor name: J.B. Ridlon





**UNITED STATES DEPARTMENT OF COMMERCE**  
**National Oceanic and Atmospheric Administration**  
ENVIRONMENTAL DATA SERVICE

National Oceanographic Data Center Liaison Office  
Pacific Marine Environmental Laboratory  
NOAA Bldg. 264 (tower)  
7600 Sand Point Way N.E.  
Seattle, Wa. 98115

Date : April 6, 1978  
To : Dr. James B. Ridlon, MESA Data Coordinator  
From : *Sid Stillwaugh*, Seattle Liaison Office  
Subject : MESA Data Submission

Enclosed (cert. 523032) please find punch cards and associated documentation for:

- [ 1) Damkaer/PMEL/NOAA - FT 024 data, field period 7/26/77 to 7/27/77, File I.D. SF 7705. ] \*
- 2) Damkaer/PMEL/NOAA - FT 024 data, field period 10/3/77 to 10/5/77, File I.D. SF 7706.

Enclosures

RECEIVED

10 APR 1978



DATA DOCUMENTATION FORM

NOAA FORM 24-13  
(4-72)

U.S. DEPARTMENT OF COMMERCE  
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION  
NATIONAL OCEANOGRAPHIC DATA CENTER  
RECORDS SECTION  
ROCKVILLE, MARYLAND 20862

FORM APPROVED  
O.M.B. No. 41-R265

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.

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2. EXPEDITION, PROJECT, OR PROGRAM DURING WHICH DATA WERE COLLECTED		3. CRUISE NUMBER(S) USED BY ORIGINATOR TO IDENTIFY DATA IN THIS SHIPMENT	
P SERP		FILE I.D. # SF7706	
4. PLATFORM NAME(S)	5. PLATFORM TYPE(S) (E.G., SHIP, BUOY, ETC.)	6. PLATFORM AND OPERATOR NATIONALITY(IES)	7. DATES
SNOW GOOSE	SHIP	PLATFORM	OPERATOR
		U.S.	U.S.
		FROM: MO, DAY, YR	TO: MO, DAY, YR
		10/3/77	10/5/77
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. STRAIT OF JUAN DE FUCA 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)  Douglas B. Dey (206) 442-4900			

C. DATA FORMAT

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

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

MODIFIED ZOOPLANKTON FORMAT (May 17, 1977): FILE TYPE 024

OCSEAP SPECIES CODE (October 15, 1975)

2. GIVE BRIEF DESCRIPTION OF FILE ORGANIZATION

*Cards converted to tape at NODC with tape characteristics as outlined under blocks #5-#13 below*

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

4. RESPONSIBLE COMPUTER SPECIALIST:

NAME AND PHONE NUMBER \_\_\_\_\_

ADDRESS \_\_\_\_\_

COMPLETE THIS SECTION IF DATA ARE ON MAGNETIC TAPE

<p>5. RECORDING MODE</p> <p><input type="checkbox"/> BCD <input type="checkbox"/> BINARY</p> <p><input type="checkbox"/> ASCII <input checked="" type="checkbox"/> EBCDIC</p> <p><input type="checkbox"/> _____</p>	<p>9. LENGTH OF INTER-RECORD GAP (IF KNOWN) <input 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 <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 LAY SPECIFICATIONS OF DATA TYPE, VOLUME NUMBER)</p> <p><i>Vol. Ser. = 13319 (orig.)</i></p> <p><i>Vol. Ser. = 14438 (o/c) QUADI</i></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><i>4800</i></p> <p>13. LENGTH OF BYTES IN BITS</p> <p><i>8</i></p>

	FROM - 1 MEASURED IN Bytes	NUMBER	UNITS		
	(e.g., bits, bytes)				
File Type	1	3	Bytes	A3	Always '024'
File Identifier	4	6	Bytes	A6	
Record Type	10	1	Bytes	I1	Always '1'
Vessel	11	11	Bytes	A11	
Cruise	22	6	Bytes	A6	
Cruise Dates	28	17	Bytes	I2,5(A1,I2)	XX/XX/XX-XX/XX/XX Beginning year, month, day; ending year, month, day
Area/Project	45	19	Bytes	A19	Left justified
Investigator/ Institution	64	17	Bytes	A17	Left justified

5/24/71

4. 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 '024'
File Identifier	4	6	Bytes	A6	
Record Type	10	1	Bytes	I1	Always '2'
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	'N' or 'S'
Longitude,					
Degrees	23	3	Bytes	I3	
Minutes	26	2	Bytes	I2	
Seconds	28	2	Bytes	I2	
Hemisphere	30	1	Bytes	A1	'E' or 'W'
Date in GMT,					
Year	31	2	Bytes	I2	
Month	33	2	Bytes	I2	
Day	35	2	Bytes	I2	
Time in GMT,					
Hour	37	2	Bytes	I2	
Minute	39	2	Bytes	I2	
Depth to Bottom	41	5	Bytes	I5	To whole meters
Sample Interval,					
Upper	46	4	Bytes	I4	To whole meters
Lower	50	4	Bytes	I4	To whole meters

5/24/77

14. FIELD-NAME	15. POSITION FROM - 1 MEASURED IN Bytes (e.g., bits, bytes)	16. LENGTH		17. ATTRIBUTES	18. USE AND MEANING
		NUMBER	UNITS		
Ship Speed	54	3	Bytes	I3	Knots to tenths
Surface Water Temperature	57	3	Bytes	I3	Degrees Celsius to tenths
Blank	60	21	Bytes	21X	



RECORD FORMAT DESCRIPTION

10-7-11

RECORD NAME Total Haul Data (Zooplankton)

FIELD NAME	POSITION FROM 1 MEASURED IN BYTES (e.g. bits, bytes)	LENGTH		ATTRIBUTES	DESCRIPTION
		NUMBER	UNITS		
File Type	1	3	Bytes	A4	Always 1001
File Identifier	4	6	Bytes	A6	
Record Type	10	1	Bytes	I1	Always 1001
Station Number	11	5	Bytes	A5	
Gear Code	16	2	Bytes	A2	Code for gear type
Mesh Size	18	4	Bytes	I4	in microns
Duration	22	3	Bytes	I3	Hours
Haul Length	25	4	Bytes	I4	To whole meter
Blank	29	4	Bytes	4X	
Total Settled Volume	33	4	Bytes	I4	To whole milliliters
Total Water Displaced	37	4	Bytes	I4	To whole milliliters
Total Dry Weight of Haul	41	7	Bytes	I7	Grams to hundredths
Total Wet Weight of Haul	48	7	Bytes	I7	Grams to hundredths
Volume of Water Filtered	55	6	Bytes	I6	To whole milliliters
Duration of Tow	61	6	Bytes	3I6	minutes, no 10's place (this field is 100's place if 100's place is required)
Haul Type Code	67	1	Bytes	A1	0 = Horizontal 1 = Vertical 2 = Trawl 3 = Dredge 4 = Other 5 = Other 6 = Other 7 = Vertical
Blank	68	13	Bytes	13x	

14. FIELD NAME	15. POSITION FROM-1 MEASURED IN Bytes (e.g., bits, bytes)	16. LENGTH		17. ATTRIBUTES	18. USE AND MEANING
		NUMBER	UNITS		
F Type	1	3	Bytes	A3	Always '024'
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	
Taxonomic Code	20	10	Bytes	5A2	
Life History Code	30	1	Bytes	A1	
Size of Sub-Sample	31	4	Bytes	I4	Percent to tenths
Number in Sub-Sample	35	5	Bytes	I5	
Concentration	40	6	Bytes	I6	Number per cubic meter
F Weight	46	7	Bytes	I7	Grams to thousandths
W Weight	53	7	Bytes	I7	Grams to thousandths
Number of Adults	60	5	Bytes	I5	Whole number
Number of Juveniles	65	5	Bytes	I5	Whole number
Number of Eggs	70	5	Bytes	I5	Whole number
Number of Larvae	75	5	Bytes	I5	Whole number
Blank	80	1	Bytes	1X	

Note: There are two possible ways this record type can be used. If, for example, dry weights were to be measured for each Life History Stage, then a record type 4 will be created for each stage indicated and bytes 60 through 80 will be blank. If all measurements other than counts will be total measurements then Life History Code will equal A and adults and juveniles may be reported on one record type 4.

RECORD FORMAT DESCRIPTION

RECORD NAME Text (Zooplankton)

14. FIELD NAME	15. POSITION FROM -1 MEASURED IN Bytes <small>(e.g., bits, bytes)</small>	16. LENGTH		17. ATTRIBUTES	18. USE AND MEANING
		NUMBER	UNITS		
File Type	1	3	Bytes	A3	Always '024'
File Identifier	4	6	Bytes	A6	
Record Type	10	1	Bytes	I1	Always '5'
Station Number	11	5	Bytes	A5	
Sequence Number	16	4	Bytes	I4	
Text	20	61	Bytes	61A1	

## RECORD FORMAT DESCRIPTION

7

RECORD NAME Subsample Data 2 (Zooplankton)

14. ELD 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 '024'
File Identifier	4	6	Bytes	A6	
Record Type	10	1	Bytes	I1	Always '6'
Station Number	11	5	Bytes	A5	
Sample Number	16	4	Bytes	A4	
Taxonomic Code	20	10	Bytes	5A2	
Life History Code	30	1	Bytes	A1	
Size of Sub-Sample	31	4	Bytes	I4	Percent to tenths
Number in Sub-Sample	35	5	Bytes	I5	
Concentration	40	6	Bytes	I6	Number per cubic meter to thousandths
Dry Weight	46	7	Bytes	I7	Grams to thousandths
Wet Weight	53	7	Bytes	I7	Grams to thousandths
Number of Adults	60	5	Bytes	I5	Whole number
Number of Juveniles	65	5	Bytes	I5	Whole number
Number of Eggs	70	5	Bytes	I5	Whole number
Number of Larvae	75	5	Bytes	I5	Whole number
Blank	80	1	Bytes	1X	

Note: There are two possible ways this record type can be used. If, for example, dry weights were to be measured for each Life History Stage, then a record type 6 will be created for each stage indicated and bytes 60 through 80 will be blank. If all measurements other than counts will be total measurements then Life History Code will equal A and adults and juveniles may be reported on one record type 6.



**UNITED STATES DEPARTMENT OF COMMERCE**  
**National Oceanic and Atmospheric Administration**  
ENVIRONMENTAL DATA SERVICE

National Oceanographic Data Center Liaison Office  
Pacific Marine Environmental Laboratory  
NOAA Bldg. 264 (tower)  
7600 Sand Point Way N.E.  
Seattle, Wa. 98115

Date : April 6, 1978  
To : Dr. James B. Ridlon, MESA Data Coordinator  
From : *Sid Stillwaugh*  
Sid Stillwaugh, Seattle Liaison Office  
Subject : MESA Data Submission

Enclosed (cert. 523032) please find punch cards and associated documentation for:

1) Damkaer/PMEL/NOAA - FT 024 data, field period 7/26/77 to 7/27/77, File I.D. SF 7705.

2) Damkaer/PMEL/NOAA - FT 024 data, field period 10/3/77 to 10/5/77, File I.D. SF 7706. ]\*

Enclosures



RECEIVED 10 APR 1978





UNITED STATES DEPARTMENT OF COMMERCE  
National Oceanic and Atmospheric Administration  
ENVIRONMENTAL DATA SERVICE  
Washington, D.C. 20235  
National Oceanographic Data Center

Date :  
To : D781  
From : D752 *92211*  
Subject : Error Correction in Processing of  
Data Set - Accession # 78-0313

- 1) File Type: #024
- 2) Project Ident.: Puget Sound / PSEFP
- 3) Track Nos.: TR 2976

I. Error corrections as reported to Principal Investigator:

*2) One record type #3: Incorrect File ID (see QUADI output) -  
Needs change to track number.*

II. Additional error corrections:

III. Processor name: J. B. Ridlon



CORRECTIONS

78-0313

File IDs changed to tracks

TR 2975

Duplicate station numbers. Each station with its detail records was given a unique number. See master record listings.

Station 000A3, record '2', a  $\phi$  in column 54 was removed. See DSM CHEK and master listings.

Station 000A3, a record '6', sample 00N3, values in concentration (cols 40-45) corrected to 005400

Station 000A9, a record '6', sample 00N9, values in number of adults (cols 60-64) corrected to 00060

CORRECTIONS (CONT)

78-0313

TR 2976

Station 00046, a record '6', sample 00N6, illegal blanks in concentration. Values in cols 34-40 corrected from 0400001 to 4000016. See DMSCHK and master listings.

Duplicate station numbers. Each station with its detail records was given a unique number. See DMSCHK and master listings.

a record '3', station 00043, file type SF7703 corrected to SF7706 and changed to track. See Bidlo's note, original data and QUADT.



Password:

accNo	fleA	refNo	proj	inst	ship	startDate	cruise	catId
7800313	F124	TR2975	0082	313F	32GS	1977/07/26	TR2975	306816
7800313	F124	TR2976	0082	313F	32GS	1977/10/04	TR2976	306817

(2 rows affected)

Password:

accNo	fileA	refNo	ship	staCnt	recCnt	startDate	endDate
7800313	F124	TR2975	32GS	29	673	77/07/26	77/07/27
7800313	F124	TR2976	32GS	29	785	77/10/04	77/10/05

(2 rows affected)