

Filetype 030 A

ACCESSION
NUMBER77-0845
TR 2092

DDF-B:1:07

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 20852FORM APPROVED
O.M.B. No. 41-R2651Tape SUBMITTED
11-4-77

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.

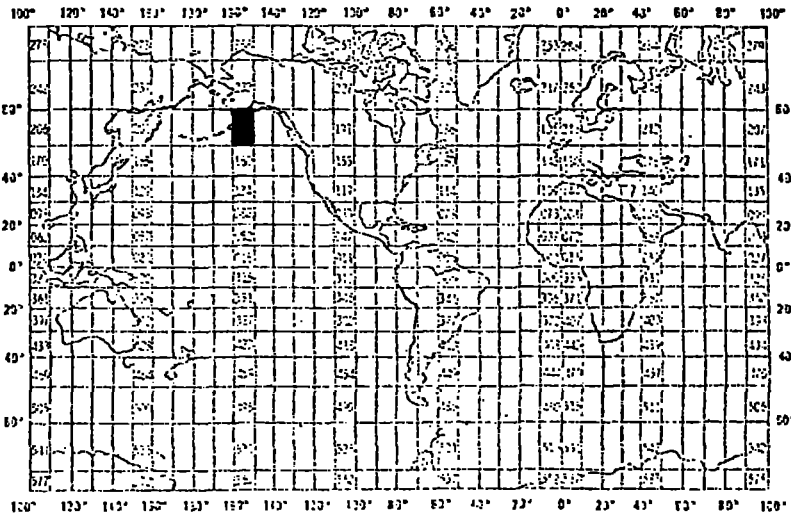
RECEIVED

NOV 04 1977

A. ORIGINATOR IDENTIFICATION

THIS SECTION MUST BE COMPLETED BY DONOR FOR ALL DATA TRANSMITTALS

NEGOA

1. NAME AND ADDRESS OF INSTITUTION, LABORATORY, OR ACTIVITY WITH WHICH SUBMITTED DATA ARE ASSOCIATED			
U.S. Department of Commerce National Oceanic and Atmospheric Administration National Marine Fisheries Service Auke Bay Laboratory., P.O. Box 155, Auke Bay, Alaska 99821			
2. EXPEDITION, PROJECT, OR PROGRAM DURING WHICH DATA WERE COLLECTED		3. CRUISE NUMBER(S) USED BY ORIGINATOR TO IDENTIFY DATA IN THIS SHIPMENT	
O.C.S. Intertidal Studies RU 78/79		File Id=761120 Cruise z276 Surveyor leg IV File 100% complete	
4. PLATFORM NAME(S)	5. PLATFORM TYPE(S) (E.G., SHIP, BUOY, ETC.)	6. PLATFORM AND OPERATOR NATIONALITY(IES)	7. DATES
Surveyor	Ship	U.S. U.S.	FROM: MO/DAY/YR TO: MO/DAY/YR 5/11/76 5/21/76
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. Kodiak & WGOA GENERAL AREA	
9. ARE DATA DECLARED NATIONAL PROGRAM (DNP)? (I.E., SHOULD THEY BE INCLUDED IN WORLD DATA CENTERS HOLDINGS FOR INTERNA- TIONAL 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 TELE- PHONE NUMBER (AND ADDRESS IF OTHER THAN IN ITEM-1) Mr. Ted Merrell 907-789-7231			

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
Quadrat Info.	Meters ²	Variable quadrat frames		
Sediment vol.	Liters	One-liter core sampler		
Grain size		No Data		
Sex	NODC Sex code	Visual, microscopic		
Condition	NODC Condition code	Visual, microscopic		
Coverage	% of total surfave area	Visual. A qualitative technique of estimating the area covered by each species in a sampling frame determined in field.		
Count	Number of individuals per species		Standard biological sorting procedure as developed by U. of Alaska Marine Sorting Center.	Numbers are subsequently converted to number per square meter.
Wet Weight	Grams	Triple Beam of Pan Balance	Wet weights of whole organisms including structural parts (shell..)	
Dry Weight	Grams	Mettler or similar electrobalance	Dry wieghts are measured for organisms with a wet weight of 1.0 grams following several hours of drying at 125° C.	
Minimum Length	Millimeters	Visual, microscopic	The smallest individual of any species or for size categories, the smallest unit in each size group	
Maximum Length	Millimeters	Visual, microscopic	Largest individual or largest end point of size category.	
Displacement Volume	Milliliters	No Data		
Date/Time	GMT			Programmatic correction of local times.

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

UNIVAC
Rec. Type 1. File Header
2. Station Header
3. Site Header
4. Composite Data

Record Type is defined by a single digit in column 10, i.e.,
byte 10.

UNIVAC 1108 (CSC INFONET)

2. GIVE BRIEF DESCRIPTION OF FILE ORGANIZATION

The data are sequenced in the same manner as the format
(rec. type 1; rec. type 2, etc.)

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

4. RESPONSIBLE COMPUTER SPECIALIST:

NAME AND PHONE NUMBER Jean Grimm (907) 789-7231
ADDRESS Auke Bay Fisheries Lab, Auke Bay, Alaska 99821

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>9. LENGTH OF INTER-RECORD GAP (IF KNOWN) <input type="checkbox"/> 3/4 INCH</p>
<p>5. NUMBER OF TRACKS (CHANNELS)</p> <p><input type="checkbox"/> SEVEN</p> <p><input checked="" type="checkbox"/> NINE</p>	<p>10. END OF FILE MARK <input type="checkbox"/> OCTAL 17</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>78/79 030 761120 Zimmerman, Steven Surveyor 76/05/11 - 76/05/21 EBCDIC 9 track, Odd, 800BPI</p>
<p>3. DENSITY</p> <p><input type="checkbox"/> 200 BPI <input type="checkbox"/> 1600 BPI</p> <p><input type="checkbox"/> 556 BPI</p> <p><input checked="" type="checkbox"/> 800 BPI</p>	<p>12. PHYSICAL BLOCK LENGTH IN BYTES</p> <p>13. LENGTH OF BYTES IN BITS</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
Salinity	PPT.	Endeco Optical Refractometer.		
Water Temp.	° Centigrade	Mercury Thermometer		
Air Temp.	° Centigrade	Mercury Thermometer		
Secchi Disc Depth	Meters	Secchi Disc		
Weather Data	WMO Codes.			
Marine Condition	WMO Codes.			
Substrate Type	NODC Substrate Codes	Visual	None	None
Elevation	Meters	Surveyors Level and Stadia Rod	None	Data converted from feet to meters.
Surface Topography	NODC Topo. Code	Visual	None	None
Time of Collec.	GMT			Programmatic correction of local times.
Sieve Size	Variable: < 1mm ²	Taylor Sieves		
Dilution Vol.	Decimal equivalents		If a sample is subsampled during sorting, the percentage of the zone sampled sorted is listed.	

RECORD FORMAT DESCRIPTION

RECORD NAME Intertidal Data (File Header)

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 '030'
File Identifier	4	6	Bytes	A6	
Record Type	10	1	Bytes	I1	Always '1'
Vessel Name	11	11	Bytes	A11	
Cruise Number	22	5	Bytes	A6	
Start Date,					
Year	28	2	Bytes	I2	00 to 99
Month	30	2	Bytes	I2	01 to 12
Day	32	2	Bytes	I2	01 to 31
End Date,					
Year	34	2	Bytes	I2	00 to 99
Month	36	2	Bytes	I2	01 to 12
Day	38	2	Bytes	I2	01 to 31
Senior Scientist	40	19	Bytes	A19	Left justified
Investigator and or Institution	59	22	Bytes	A22	Left justified
Blank	81 118 125	48	Bytes	48X	

NAME Intertical Data (Station Header)

FILE NAME	15. POSITION FROM-1 MEASURED IN Bytes (No. 1st. Byte)	16. LENGTH		17. ATTRIBUTES	18. USE AND MEANING
		NUMBER	UNITS		
File Type	1	3	Bytes	A3	Always '030'
File Identifier	4	6	Bytes	A6	
Record Type	10	1	Bytes	I1	Always '2'
Station Number	11	5	Bytes	A5	Right justified
Sequence Number	16	4	Bytes	I4	Ascending order for sorting
Latitude,					
Degrees	20	2	Bytes	I2	
Minutes	22	4	Bytes	I4	To hundredths
Hemisphere	26	1	Bytes	A1	'N' or 'S'
Longitude,					
Degrees	27	3	Bytes	I3	
Minutes	30	4	Bytes	I4	To hundredths
Hemisphere	34	1	Bytes	A1	'E' or 'W'
Year	35	2	Bytes	I2	00 to 99
Month	37	2	Bytes	I2	01 to 12
Day	39	2	Bytes	I2	01 to 31
Start Time,					
Hours	41	2	Bytes	I2	00-23
Minutes	43	2	Bytes	I2	00-59
Elapsed Time,					
Hours	45	2	Bytes	I2	
Minutes	47	2	Bytes	I2	
Time Zone	49	3	Bytes	A3	-12 to +12
Surface Salinity	52	5	Bytes	I5	Parts per thousand to thousandths
Surface Temperature	57	5	Bytes	I5	Deg. C. to hundredths

RECORD FORMAT DESCRIPTION

RECORD NAME Intertidal Data (Station Header Continued)

14. FIELD NAME	15. POSITION FROM-1 MEASURED IN (e.g., Bits, Bytes)	16. LENGTH		17. ATTRIBUTES	18. USE AND MEANING
		NUMBER	UNITS		
Air Temperature	62	4	Bytes	I4	Deg. C. to tenths
SECCHI Disc Depth	65	3	Bytes	I3	Meters to tenths
Weather Code	69	2	Bytes	A2	WMO Code 4677
Cloud Type Code	71	1	Bytes	A1	WMO Code 0500
Cloud Amount Code	72	1	Bytes	A1	WMO Code 2700
Wind Speed	73	2	Bytes	I2	Whole knots
Wind Direction	75	3	Bytes	I3	Whole degrees
Sea State Code	78	1	Bytes	A1	WMO Code 3700
Breaker Height Code	79	1	Bytes	A1	WMO Code 3700
Exposure Direction	80	3	Bytes	I3	Whole degrees
Substrata Type Codes	83	3	Bytes	3A1	Any combination of up to three Substrata Type Codes, Code from right to left (most predominant on the right).
Barometric Pressure	86	4	Bytes	I4	Millibars to tenths
Geomorphology	90	1	Bytes	A1	030 Habitat code
Composition	91	1	Bytes	A1	030 Composition Codes
Cover	92	1	Bytes	A1	030 Cover Codes
Slopes	93	1	Bytes	A1	030 Slope Codes
Blank	94 35 129	35	Bytes	35X	

RECORD FORMAT DESCRIPTION

NAME Intertidal Data (Site Header)

FIELD NAME	POSITION FROM 1 MEASURED BYTES (File 030, Type)	LENGTH		ATTRIBUTES	USE AND MEANING
		NUMBER	UNITS		
File Type	1	3	Bytes	A3	Always '030'
File Identifier	4	6	Bytes	A6	
Record Type	10	1	Bytes	I1	Always '3'
Station Number	11	5	Bytes	A5	Right justified
Sequence Number	16	4	Bytes	I4	Ascending order for sorting
Catalog Number	20	8	Bytes	A8	Originator's internal number
Photograph Number	28	10	Bytes	A10	Originator's internal number
Gear Type Code	38	1	Bytes	A1	Use File 030 Gear Type Code
Transect Number	39	2	Bytes	A2	
Transect Direction	41	3	Bytes	I3	Whole Degrees
Meter Number	44	4	Bytes	A4	
Zone/Arrow/ No. of Sample	48	3	Bytes	A3	
Quadrat Size	51	5	Bytes	I5	Square meters to thousandths
Elevation	56	4	Bytes	I4	Meters to hundredths
Substrata Type Codes	60	3	Bytes	3A1	Any combination of up to three Substrata Type Codes. Code from left to right (most predominant to left).
Surface Topo- graphy Codes	63	3	Bytes	3A1	Any combination of up to three File 030 Surface Topography Codes Code from left to right (most predominant to left).

RECORD FORMAT DESCRIPTION

RECORD NAME Intertidal Data (Site Header, Continued)

14. FIELD NAME	15. POSITION FROM -1 MEASURED IN (e.g., Size, bytes)	16. LENGTH		17. ATTRIBUTES	18. USE AND MEANING
		NUMBER	UNITS		
Collection Time					
Hours	65	2	Bytes	I2	G. M. T.
Minutes	68	2	Bytes	I2	
Sieve Size	70	4	Bytes	I4	Millimeters to hundredths
Dilution Volume	74	3	Bytes	I3	*Decimal Equivalents (.XXX)
Quadrat Slope	77	2	Bytes	I2	Whole degrees
Direction of Quadrat Slope	79	3	Bytes	I3	Whole degrees
Grab Number	82	2	Bytes	I2	Sequential order of multiple digs
Sediment Volume	84	7	Bytes	I7	Liters to thousandths
Grain Size	91	2	Bytes	I2	ø number (-LOG ₂ MM.) with a range from -8 to +12. Minus ø must be explicitly reported with a minus sign in byte 91, plus ø should <u>not</u> incorporate '+' sign.
Patch Grid Size	93	5	Bytes	I5	Square meters to thousandths
Medium Frame Multiple	98	2	Bytes	I2	) Number of grids occupied by)
Large Frame Multiple	100	2	Bytes	I2	) all species within
Total Work Area	102	5	Bytes	I5	Square meters to thousandths
Depth	107	5	Bytes	I5	Meters to tenths
Distance of Net Tow	112	3	Bytes	I3	Meters to tenths
Blank	115	14	Bytes	14X	
* The dilution volume is that portion of a sample which is analyzed after the sample has been diluted, as a means of statistically estimating the composition of the sample without having to examine the entire sample. Therefore, the dilution volume will be recorded in decimal equivalents. Example: a sample that is diluted so as to equal 16 times its original volume, with one sixteenth being the part studied, will have its dilution volume recorded as .063.					

RECORD FORMAT DESCRIPTION

7

RECORD NAME Intertidal Data (Composite Data)

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 '030'
File Identifier	2	6	Bytes	A6	
Record Type	10	1	Bytes	I1	Always '4'
Station Number	11	5	Bytes	A5	Right justified
Sequence Number	16	4	Bytes	I4	Ascending order for sorting
Taxonomic Code	20	10	Bytes	5A2	) May have alphanumeric "Z" code) for non-identifiable biota: e.g.) "egg mass" (Alaska Marine Code) always used)
Sub Species Code	30	2	Bytes	A2	
Sex Code	32	1	Bytes	A1	
Condition Codes	33	3	Bytes	3A1	
Coverage	36	3	Bytes	I3	Use File Type 030 Condition Code. Any combination of up to three Condition Codes. Code from right to left.
Count	39	5	Bytes	I5	The number of species too small to be counted, or too well attached to the substrate to be removed, will be estimated by the percentage of the quadrat which they cover. Range is greater than 0% and less than or equal to 100%.
Wet Weight	44	7	Bytes	I7	Total number of individuals
Dry Weight	51	7	Bytes	I7	Grams to thousandths
Minimum Length	58	6	Bytes	I6	Grams to thousandths
Maximum Length	64	6	Bytes	I6	Millimeters to hundredths
Displacement Volume	70	5	Bytes	I5	Millimeters to hundredths
Mean Length	75	6	Bytes	I6	Milliliters to tenths
Minimum Width	81	6	Bytes	I6	Millimeters to hundredths
Maximum Width	87	6	Bytes	I6	Millimeters to hundredths

RECORD FORMAT DESCRIPTION

RECORD NAME Intertidal Data (Composite Data cont.)

14. FIELD NAME	15. POSITION FROM-1 MEASURED IN Bytes (e.g., bits, bytes)	16. LENGTH		17. ATTRIBUTES	18. USE AND MEANING
		NUMBER	UNITS		
Mean Width	93	6	Bytes	I6	Millimeters to hundredths
Minimum Age	99	2	Bytes	I2	Years
Maximum Age	101	2	Bytes	I2	Years
Mean Age	103	2	Bytes	I2	Years
Small Frame	105	3	Bytes	I3	) Number of grids occupied by))
Medium Frame	108	3	Bytes	I3	
Large Frame	111	2	Bytes	I2	
Dilution Volume	113	3	Bytes	I3	*Decimal equivalents (.xxx)
Plant Height	116	2	Bytes	I2	Centimeters
Blank	118	11	Bytes	11X	

*The dilution volume is that portion of a sample which is analyzed after the sample has been diluted, as a means of statistically estimating the composition of the sample without having to examine the entire sample. Therefore, the dilution volume will be recorded in decimal equivalents. Example: a sample that is diluted so as to equal 16 times it's original volume, with one-sixteenth being the part studied, will have its dilution volume recorded as .063.

ACCESSION
NUMBER

77-0845
TR 2093

DATA DOCUMENTATION FORM

TAPE SUBMITTED
11-4-77

NOAA FORM 24-13
(4-72)

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. 41-42651

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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A. ORIGINATOR IDENTIFICATION

NEGOA

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			
U.S. Department of Commerce National Oceanic and Atmospheric Administration National Marine Fisheries Service Auke Bay Laboratory., P.O. Box 155, Auke Bay, Alaska 99821			
2. EXPEDITION, PROJECT, OR PROGRAM DURING WHICH DATA WERE COLLECTED		3. CRUISE NUMBER(S) USED BY ORIGINATOR TO IDENTIFY DATA IN THIS SHIPMENT	
O.C.S. Intertidal Studies RU 78/79		File ID=760825 Cruise 2275 100% complete Surveyor & Alaska Helicopter 7817s	
4. PLATFORM NAME(S)	5. PLATFORM TYPE(S) (E.G., SHIP, BUOY, ETC.)	6. PLATFORM AND OPERATOR NATIONALITY(IES)	7. DATES
Surveyor Alaska Helicopter 7817s	Ship Helicopter	PLATFORM OPERATOR	FROM: MO/DAY/YR TO: MO/DAY/YR
		U.S. U.S.	5/20/75 5/30/75
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. Kodiak and WGOA 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) Mr. Ted Merrell 907-789-7231	

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
Quadrat Info.	Meters ²	Variable quadrat frames		
Sediment vol.	Liters	One-liter core sampler		
Grain size		No Data		
Sex	NODC Sex code	Visual, microscopic		
Condition	NODC Condition code	Visual, microscopic		
Coverage	% of total surface area	Visual. A qualitative technique of estimating the area covered by each species in a sampling frame determined in field.		
Count	Number of individuals per species		Standard biological sorting procedure as developed by U. of Alaska Marine Sorting Center.	Numbers are subsequently converted to number per square meter.
Wet Weight	Grams	Triple Beam or Pan Balance	Wet weights of whole organisms including structural parts (shell..)	
Dry Weight	Grams	Mettler or similar electrobalance	Dry weights are measured for organisms with a wet weight of 1.0 grams following several hours of drying at 125° C.	
Minimum Length	Millimeters	Visual, microscopic	The smallest individual of any species or for size categories, the smallest unit in each size group	
Maximum Length	Millimeters	Visual, microscopic	Largest individual or largest end point of size category.	
Displacement Volume	Milliliters	No Data		
Date/Time	GMT			Programmatic correction of local times.

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

- Rec. Type 1. File Header
 2. Station Header
 3. Site Header
 4. Composite Data

Record Type is defined by a single digit in column 10; i.e.,
byte 10.

UNIVAC 1108 (CSC INFONET)

2. GIVE BRIEF DESCRIPTION OF FILE ORGANIZATION

The data are organized in the same manner as the format
(record type 1; type 2; type 3; type 4)

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

4. RESPONSIBLE COMPUTER SPECIALIST:

NAME AND PHONE NUMBER Jean Grimm (907) 789-7231
ADDRESS Auke Bay Fisheries Lab, Auke Bay, Alaska 99821

COMPLETE THIS SECTION IF DATA ARE ON MAGNETIC TAPE

<p>5. RECORDING MODE</p> <p><input type="checkbox"/> BCD <input type="checkbox"/> BINARY</p> <p><input type="checkbox"/> ASCII <input checked="" type="checkbox"/> EBCDIC</p> <p><input type="checkbox"/> _____</p>	<p>9. LENGTH OF INTER-RECORD GAP (IF KNOWN) <input type="checkbox"/> 3/4 INCH</p> <p><input type="checkbox"/> _____</p>
<p>5. NUMBER OF TRACKS (CHANNELS)</p> <p><input type="checkbox"/> SEVEN</p> <p><input checked="" type="checkbox"/> NINE</p> <p><input type="checkbox"/> _____</p>	<p>10. END OF FILE MARK</p> <p><input type="checkbox"/> OCTAL 17</p> <p><input type="checkbox"/> _____</p>
<p>7. PARITY</p> <p><input 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>78/79 030 760825 Zimmerman, Steven Surveyor 75/05/20 - 75/05/30 EBCDIC 9 track, Odd, 800BPI</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 checked="" 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>

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
Salinity	PPT.	Endeco Optical Refractometer.		
Water Temp.	° Centigrade	Mercury Thermometer		
Air Temp.	° Centigrade	Mercury Thermometer		
Secchi Disc Depth	Meters	Secchi Disc		
Weather Data	WMO Codes.			
Marine Condition	WMO Codes.			
Substrate Type	NODC Substrate Codes	Visual	None	None
Elevation	Meters	Surveyors Level and Stadia Rod	None	Data converted from feet to meters.
Surface Topography	NODC Topo. Code	Visual	None	None
Time of Collec.	GMT			Programmatic correction of local times.
Sieve Size	Variable: < 1mm ²	Taylor Sieves		
Dilution Vol.	Decimal equivalents		If a sample is subsampled during sorting, the percentage of the zone sampled sorted is listed.	

NAME Intertidal Data (Station Header)

5

FILED NAME	15. POSITION FROM-1 MEASURED IN BYTES (N.A. Unit, Bytes)	16. LENGTH		17. ATTRIBUTES	18. USE AND MEANING
		NUMBER	UNITS		
File Type	1	3	Bytes	A3	Always '030'
File Identifier	4	6	Bytes	A6	
Record Type	10	1	Bytes	I1	Always '2'
Station Number	11	5	Bytes	A5	Right justified
Sequence Number	16	4	Bytes	I4	Ascending order for sorting
Latitude,					
Degrees	20	2	Bytes	I2	
Minutes	22	4	Bytes	I4	To hundredths
Hemisphere	26	1	Bytes	A1	'N' or 'S'
Longitude,					
Degrees	27	3	Bytes	I3	
Minutes	30	4	Bytes	I4	To hundredths
Hemisphere	34	1	Bytes	A1	'E' or 'W'
Year	35	2	Bytes	I2	00 to 99
Month	37	2	Bytes	I2	01 to 12
Day	39	2	Bytes	I2	01 to 31
Start Time,					
Hours	41	2	Bytes	I2	00-23
Minutes	43	2	Bytes	I2	00-59
Elapsed Time,					
Hours	45	2	Bytes	I2	
Minutes	47	2	Bytes	I2	
Time Zone	49	3	Bytes	A3	-12 to +12
Surface Salinity	52	5	Bytes	I5	Parts per thousand to thousandths
Surface Temperature	57	5	Bytes	I5	Deg. C. to hundredths

G. M. T.

RECORD FORMAT DESCRIPTION

RECORD NAME Intertidal Data (File Header)

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 '030'
File Identifier	4	6	Bytes	A6	
Record Type	10	1	Bytes	I1	Always '1'
Vessel Name	11	11	Bytes	A11	
Cruise Number	22	6	Bytes	A6	
Start Date,					
Year	28	2	Bytes	I2	00 to 99
Month	30	2	Bytes	I2	01 to 12
Day	32	2	Bytes	I2	01 to 31
End Date,					
Year	34	2	Bytes	I2	00 to 99
Month	36	2	Bytes	I2	01 to 12
Day	38	2	Bytes	I2	01 to 31
Senior Scientist	40	19	Bytes	A19	Left justified
Investigator and/ or Institution	59	22	Bytes	A22	Left justified
Blank	81	48	Bytes	48X	

NAME Intertidal Data (Site Header)

FIELD NAME	POSITION FROM 1-10 MEASURED IN BYTES (Full Length)	16. LENGTH		17. ATTRIBUTES	18. USE AND MEANING
		NUMBER	UNITS		
File Type	1	3	Bytes	A3	Always '030'
File Identifier	4	6	Bytes	A6	
Record Type	10	1	Bytes	I1	Always '3'
Station Number	11	5	Bytes	A5	Right justified
Sequence Number	15	4	Bytes	I4	Ascending order for sorting
Catalog Number	20	8	Bytes	A8	Originator's internal number
Photograph Number	28	10	Bytes	A10	Originator's internal number
Gear Type Code	38	1	Bytes	A1	Use File 030 Gear Type Code
Transect Number	39	2	Bytes	A2	
Transect Direction	41	3	Bytes	I3	Whole Degrees
Meter Number	44	4	Bytes	A4	
Zone/Arrow/ No. Sample	48	3	Bytes	A3	
Quadrat Size	51	5	Bytes	I5	Square meters to thousandths
Elevation	56	4	Bytes	I4	Meters to hundredths
Substrata Type Codes	60	3	Bytes	3A1	Any combination of up to three Substrata Type Codes. Code from left to right (most predominant to left).
Surface Topo- graphy Codes	63	3	Bytes	3A1	Any combination of up to three File 030 Surface Topography Codes Code from left to right (most predominant to left).

RECORD FORMAT DESCRIPTION

RECORD NAME Intertidal Data (Station Header Continued)

14. FIELD NAME	15. POSITION FROM-1 MEASURED IN (e.g., bits, bytes)	16. LENGTH		17. ATTRIBUTES	18. USE AND MEANING
		NUMBER	UNITS		
Air Temperature	62	4	Bytes	I4	Deg. C. to tenths
SECCHI Disc Depth	66	3	Bytes	I3	Meters to tenths
Weather Code	69	2	Bytes	A2	WMO Code 4677
Cloud Type Code	71	1	Bytes	A1	WMO Code 0500
Cloud Amount Code	72	1	Bytes	A1	WMO Code 2700
Wind Speed	73	2	Bytes	I2	Whole knots
Wind Direction	75	3	Bytes	I3	Whole degrees
Sea State Code	78	1	Bytes	A1	WMO Code 3700
Breaker Height Code	79	1	Bytes	A1	WMO Code 3700
Exposure Direction	80	3	Bytes	I3	Whole degrees
Substrata Type Codes	83	3	Bytes	3A1	Any combination of up to three Substrata Type Codes, Code from right to left (most predominant on the right).
Barometric Pressure	86	4	Bytes	I4	Millibars to tenths
Geomorphology	90	1	Bytes	A1	030 Habitat code
Composition	91	1	Bytes	A1	030 Composition Codes
Cover	92	1	Bytes	A1	030 Cover Codes
Slopes	93	1	Bytes	A1	030 Slope Codes
Blank	94	35	Bytes	35X	

RECORD FORMAT DESCRIPTION

RECORD NAME Intertidal Data (Site Header, Continued)

14. FIELD NAME	15. POSITION FROM -1 MEASURED IN (e.g., bits, bytes)	16. LENGTH		17. ATTRIBUTES	18. USE AND MEANING
		NUMBER	UNITS		
Collection Time					
Hours	65	2	Bytes	I2	G. M. T.
Minutes	68	2	Bytes	I2	
Sieve Size	70	4	Bytes	I4	Millimeters to hundredths
Dilution Volume	74	3	Bytes	I3	*Decimal Equivalents (.XXX)
Quadrat Slope	77	2	Bytes	I2	Whole degrees
Direction of Quadrat Slope	79	3	Bytes	I3	Whole degrees
Grab Number	82	2	Bytes	I2	Sequential order of multiple digs
Sediment Volume	84	7	Bytes	I7	Liters to thousandths
Grain Size	91	2	Bytes	I2	ø number (-LOG ₂ MM.) with a range from -8 to +12. Minus ø must be explicitly reported with a minus sign in byte 91, plus ø should <u>not</u> incorporate '+' sign.
Patch Grid Size	93	5	Bytes	I5	Square meters to thousandths
Medium Frame Multiple	98	2	Bytes	I2	) Number of grids occupied by)
Large Frame Multiple	100	2	Bytes	I2	) all species within
Total Work Area	102	5	Bytes	I5	Square meters to thousandths
Depth	107	5	Bytes	I5	Meters to tenths
Distance of Net Tow	112	3	Bytes	I3	Meters to tenths
Blank	115	14	Bytes	14X	
* The dilution volume is that portion of a sample which is analyzed after the sample has been diluted, as a means of statistically estimating the composition of the sample without having to examine the entire sample. Therefore, the dilution volume will be recorded in decimal equivalents. Example: a sample that is diluted so as to equal 16 times its original volume, with one sixteenth being the part studied, will have its dilution volume recorded as .063.					

RECORD FORMAT DESCRIPTION

RECORD NAME Intertidal Data (Composite Data)

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 '030'
File Identifier	4	6	Bytes	A6	
Record Type	10	1	Bytes	I1	Always '4'
Station Number	11	5	Bytes	A5	Right justified
Sequence Number	16	4	Bytes	I4	Ascending order for sorting
Taxonomic Code	20	10	Bytes	5A2	) May have alphanumeric "Z" code) for non-identifiable biota, e.g.) "egg mass" (Alaska Marine Code) always used)
Sub Species Code	30	2	Bytes	A2	
Sex Code	32	1	Bytes	A1	
Condition Codes	33	3	Bytes	3A1	
Coverage	36	3	Bytes	I3	Use File Type 030 Condition Code. Any combination of up to three Condition Codes. Code from right to left.
Count	39	5	Bytes	I5	The number of species too small to be counted, or too well attached to the substrate to be removed, will be estimated by the percentage of the quadrat which they cover. Range is greater than 0% and less than or equal to 100%.
Wet Weight	44	7	Bytes	I7	Total number of individuals
Dry Weight	51	7	Bytes	I7	Grams to thousandths
Minimum Length	58	6	Bytes	I6	Grams to thousandths
Maximum Length	64	6	Bytes	I6	Millimeters to hundredths
Displacement Volume	70	5	Bytes	I5	Millimeters to hundredths
Mean Length	75	6	Bytes	I6	Milliliters to tenths
Minimum Width	81	6	Bytes	I6	Millimeters to hundredths
Maximum Width	87	6	Bytes	I6	Millimeters to hundredths

RECORD FORMAT DESCRIPTION

RECORD NAME Intertidal Data (Composite Data cont.)

14. FIELD NAME	15. POSITION FROM-1 MEASURED IN <u>Bytes</u> (e.g., bits, bytes)	16. LENGTH		17. ATTRIBUTES	18. USE AND MEANING
		NUMBER	UNITS		
Mean Width	93	6	Bytes	I6	Millimeters to hundredths
Minimum Age	99	2	Bytes	I2	Years
Maximum Age	101	2	Bytes	I2	Years
Mean Age	103	2	Bytes	I2	Years
Small Frame	105	3	Bytes	I3	) Number of grids occupied by))
Medium Frame	108	3	Bytes	I3	
Large Frame	111	2	Bytes	I2	
Dilution Volume	113	3	Bytes	I3	*Decimal equivalents (.xxx)
Plant Height	116	2	Bytes	I2	Centimeters
Blank	118	11	Bytes	11X	

*The dilution volume is that portion of a sample which is analyzed after the sample has been diluted, as a means of statistically estimating the composition of the sample without having to examine the entire sample. Therefore, the dilution volume will be recorded in decimal equivalents. Example: a sample that is diluted so as to equal 16 times it's original volume, with one-sixteenth being the part studied, will have its dilution volume recorded as .063.

1st + LAST 10 Records Cruise 2276

2276

0307611201SURVEYOR		2760512760519S. ZIMMERMAN		S. ZIMMERMAN - NMFS/ABFL			
0307611202	36	1565240N1534090W76051215190252	1032200	278	78	00 9	1 26346
0307611203	36	2A8760348760207001201	0	0062	2986	1645	45156
0307611204	36	34905040202	5	001			
0307611204	36	44905090101	219	1700			
0307611204	36	55330020302	1	001			
0307611203	36	6A8760349760207002702	0	0062	1526	1635	-0
0307611204	36	704010301	0100				
0307611204	36	81205090101	2500				
0307611204	36	913010202	9200				
0307611204	42	1104904190102	32	1500	1500		
0307611204	42	1114904240101	1	1300	41000	41000	
0307611204	42	1125331	8	32			
0307611203	42	113A8760591760208058521	155	182	2	2145	-0 1000
0307611204	42	114400202	8	8			
0307611204	42	1154801120205	40	24000	48000		
0307611204	42	1164801681301	56	3000	5000		
0307611204	42	1174802	376	2000	6000		
0307611204	42	1184904070101	1	11750	56000	56000	
0307611204	42	1194904190102	40	1000	1500		

15 LAST 10 Records of Z275

Z

0307608251	SURVEYOR	2750520750530DR STEVE ZIMMERMAN S ZIMMERMAN - ABFL/NMFS		
0307608252	14	1585430N1521240W75052313450420	1030800444003300	00 0202652 64
0307608253	14	2AB75048075020300861	D9 0062 2837 8 1730	35
0307608254	14	31205090101	3 149462	25409
0307608254	14	41304050303	420311	39170
0307608254	14	51305010304	3241	389
0307608254	14	61306011001	365	
0307608254	14	71306040603	4987	763
0307608254	14	844		
0307608254	14	94801681305	323	298
0307608254	19	4774905110102	5	003
0307608254	19	47849051104	367	339
0307608254	19	4794905200201	80	100
0307608254	19	4805200040104	5	018
0307608254	19	4815318020103	405 498575	281078
0307608254	19	4825330030203	33 10303	2096
0307608254	19	48353300304	5	010
0307608254	19	4845331	47	471
0307608254	19	4855331430301	10	024
0307608254	19	4866804100113	104	476

1st + LAST 10 Records of Z475

0307609021SURVEYOR		4750804750812DR STEVE ZIMMERMAN S ZIMMERMAN-ABFL/NMFS									
0307609022	13	1591330N1511000W75080602000300	1030500	1300	170						G
0307609023	13	2AB750860750405000401	1	0062	3687	7	0245				44296
0307609024	13	31205090101	2	4	357						
0307609024	13	413010202	8		037						
0307609024	13	54905040202	1		127						
0307609024	13	64905090101	30		351						
0307609024	13	74905090104	1		018						
0307609024	13	85318020107	104	6025	3656						
0307609023	13	9AB750861750405000501	3	0062	2647	9	0330				99999
0307609024	18	9534905100201	12		001						
0307609024	18	95449051104	12		012						
0307609024	18	9555329	12		012						
0307609024	18	9565331040111	1		005						
0307609024	18	9575331240201	2		002						
0307609024	18	95853310401	12		012						
0307609024	18	9595331121001	12		024						
0307609024	18	960533127	24		012						
0307609024	18	9616804100113	30	4130	656						
0307609024	18	9626804100113	30	4130	656						

ACCESSION
NUMBER

77-0845
TR2094

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 20852

TAPE SUBMITTED
11-4-77
FORM APPROVED
D.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. All data shipments should be sent to the above address.

RECEIVED

NOV 04 1977

A. ORIGINATOR IDENTIFICATION

NEGOA

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			
U.S. Department of Commerce National Oceanic and Atmospheric Administration National Marine Fisheries Service Auke Bay Laboratory., P.O. Box 155, Auke Bay, Alaska 99821			
2. EXPEDITION, PROJECT, OR PROGRAM DURING WHICH DATA WERE COLLECTED		3. CRUISE NUMBER(S) USED BY ORIGINATOR TO IDENTIFY DATA IN THIS SHIPMENT	
O.C.S. Intertidal Studies RU 78/79		File ID=760902 Cruise 2475 100% complete Surveyor & Kodiak Western Airways Grummen Goose Charter	
4. PLATFORM NAME(S)	5. PLATFORM TYPE(S) (E.G., SHIP, BUOY, ETC.)	6. PLATFORM AND OPERATOR NATIONALITY(IES)	7. DATES
Surveyor & Kodiak Western Airways	Ship Airplane	U.S.	U.S.
		FROM: MO/DAY/YR	TO: MO/DAY/YR
		8/4/75	8/12/75
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. Kodiak and WGOA 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) Mr. Ted Merrell 907-789-7231			

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
Quadrat Info.	Meters ²	Variable quadrat frames		
Sediment vol.	Liters	One-liter core sampler		
Grain size		No Data		
Sex	NODC Sex code	Visual, microscopic		
Condition	NODC Condition code	Visual, microscopic		
Coverage	% of total surface area	Visual. A qualitative technique of estimating the area covered by each species in a sampling frame determined in field.		
Count	Number of individuals per species		Standard biological sorting procedure as developed by U. of Alaska Marine Sorting Center.	Numbers are subsequently converted to number per square meter.
Wet Weight	Grams	Triple Beam or Pan Balance	Wet weights of whole organisms including structural parts (shell..)	
Dry Weight	Grams	Mettler or similar electrobalance	Dry weights are measured for organisms with a wet weight of 1.0 grams following several hours of drying at 125° C.	
Minimum Length	Millimeters	Visual, microscopic	The smallest individual of any species or for size categories, the smallest unit in each size group	
Maximum Length	Millimeters	Visual, microscopic	Largest individual or largest end point of size category.	
Displacement Volume	Milliliters	No Data		
Date/Time	GMT			Programmatic correction of local times.

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
Salinity	PPT.	Endeco Optical Refractometer.		
Water Temp.	° Centigrade	Mercury Thermometer		
Air Temp.	° Centigrade	Mercury Thermometer		
Secchi Disc Depth	Meters	Secchi Disc		
Weather Data	WMO Codes.			
Marine Condition	WMO Codes.			
Substrate Type	NODC Substrate Codes	Visual	None	None
Elevation	Meters	Surveyors Level and Stadia Rod	None	Data converted from feet to meters.
Surface Topography	NODC Topo. Code	Visual	None	None
Time of Collec.	GMT			Programmatic correction of local times.
Sieve Size	Variable: < 1mm ²	Taylor Sieves		
Dilution Vol.	Decimal equivalents		If a sample is subsampled during sorting, the percentage of the zone sampled-sorted is listed.	

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

Rec. Type 1. File Header
 2. Station Header
 3. Site Header
 4. Composite Data

Record Type is defined by a single digit in column 10; i.e.,
byte 10.

UNIVAC 1108 (CSC INFONET)

2. GIVE BRIEF DESCRIPTION OF FILE ORGANIZATION

The data are organized as is the format (rec. type 1; type 2; type3;
type 4)

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

4. RESPONSIBLE COMPUTER SPECIALIST:

NAME AND PHONE NUMBER Jean Grimm (907) 789-7231
ADDRESS Auke Bay Fisheries Lab, Auke Bay, Alaska 99821

COMPLETE THIS SECTION IF DATA ARE ON MAGNETIC TAPE

<p>5. RECORDING MODE</p> <p><input type="checkbox"/> BCD <input type="checkbox"/> BINARY</p> <p><input type="checkbox"/> ASCII <input checked="" type="checkbox"/> EBCDIC</p> <p><input type="checkbox"/> _____</p>	<p>9. LENGTH OF INTER-RECORD GAP (IF KNOWN) <input type="checkbox"/> 3/4 INCH</p> <p><input type="checkbox"/> _____</p>
<p>5. NUMBER OF TRACKS (CHANNELS)</p> <p><input type="checkbox"/> SEVEN</p> <p><input checked="" type="checkbox"/> NINE</p> <p><input type="checkbox"/> _____</p>	<p>10. END OF FILE MARK</p> <p><input type="checkbox"/> OCTAL 17</p> <p><input type="checkbox"/> _____</p>
<p>7. PARITY</p> <p><input 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>78/79 030 760902 Zimmerman, Steven Surveyor 75/08/04 - 75/08/12 EBCDIC 9 track, Odd 800BPI</p>
<p>8. DENSITY</p> <p><input type="checkbox"/> 200 BPI <input type="checkbox"/> 1600 SPI</p> <p><input type="checkbox"/> 355 BPI</p> <p><input checked="" 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>

RECORD FORMAT DESCRIPTION

RECORD NAME Intertidal Data (File Header)

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 '030'
File Identifier	4	6	Bytes	A6	
Record Type	10	1	Bytes	I1	Always '1'
Vessel Name	11	11	Bytes	A11	
Cruise Number	22	6	Bytes	A6	
Start Date,					
Year	28	2	Bytes	I2	00 to 99
Month	30	2	Bytes	I2	01 to 12
Day	32	2	Bytes	I2	01 to 31
End Date,					
Year	34	2	Bytes	I2	00 to 99
Month	36	2	Bytes	I2	01 to 12
Day	38	2	Bytes	I2	01 to 31
Senior Scientist	40	19	Bytes	A19	Left justified
Investigator and/ or Institution	59	22	Bytes	A22	Left justified
Blank	81	48	Bytes	48X	

NAME Intertical Data (Station Header)

FILE NAME	15. POSITION FROM-1 MEASURED IN BYTES	16. LENGTH		17. ATTRIBUTES	18. USE AND MEANING
		NUMBER	UNITS		
File Type	1	3	Bytes	A3	Always '030'
File Identifier	4	6	Bytes	A6	
Record Type	10	1	Bytes	I1	Always '2'
Station Number	11	5	Bytes	A5	Right justified
Sequence Number	16	4	Bytes	I4	Ascending order for sorting
Latitude,					
Degrees	20	2	Bytes	I2	
Minutes	22	4	Bytes	I4	To hundredths
Hemisphere	26	1	Bytes	A1	'N' or 'S'
Longitude,					
Degrees	27	3	Bytes	I3	
Minutes	30	4	Bytes	I4	To hundredths
Hemisphere	34	1	Bytes	A1	'E' or 'W'
Year	35	2	Bytes	I2	00 to 99
Month	37	2	Bytes	I2	01 to 12
Day	39	2	Bytes	I2	01 to 31
Start Time,					
Hours	41	2	Bytes	I2	00-23
Minutes	43	2	Bytes	I2	00-59
Elapsed Time,					
Hours	45	2	Bytes	I2	
Minutes	47	2	Bytes	I2	
Time Zone	49	3	Bytes	A3	-12 to +12
Surface Salinity	52	5	Bytes	I5	Parts per thousand to thousandths
Surface Temperature	57	5	Bytes	I5	Deg. C. to hundredths

G. M. T.

RECORD FORMAT DESCRIPTION

RECORD NAME Intertidal Data (Station Header Continued)

14. FIELD NAME	15. POSITION FROM-1 MEASURED IN (e.g., Site, Byte)	16. LENGTH		17. ATTRIBUTES	18. USE AND MEANING
		NUMBER	UNITS		
Air Temperature	62	4	Bytes	I4	Deg. C. to tenths
SECCHI Disc Depth	65	3	Bytes	I3	Meters to tenths
Weather Code	69	2	Bytes	A2	WMO Code 4677
Cloud Type Code	71	1	Bytes	A1	WMO Code 0500
Cloud Amount Code	72	1	Bytes	A1	WMO Code 2700
Wind Speed	73	2	Bytes	I2	Whole knots
Wind Direction	75	3	Bytes	I3	Whole degrees
Sea State Code	78	1	Bytes	A1	WMO Code 3700
Breaker Height Code	79	1	Bytes	A1	WMO Code 3700
Exposure Direction	80	3	Bytes	I3	Whole degrees
Substrata Type Codes	83	3	Bytes	3A1	Any combination of up to three Substrata Type Codes, Code from right to left (most predominant on the right).
Barometric Pressure	86	4	Bytes	I4	Millibars to-tenths
Geomorphology	90	1	Bytes	A1	030 Habitat code
Composition	91	1	Bytes	A1	030 Composition Codes
Cover	92	1	Bytes	A1	030 Cover Codes
Slopes	93	1	Bytes	A1	030 Slope Codes
Blank	94	35	Bytes	35X	

RECORD FORMAT DESCRIPTION

NAME Intertidal Data (Site Header)

FIELD NAME	POSITION FROM 1 MEASURED IN Bytes (and subtypes)	LENGTH		ATTN. YES	USE AND MEANING
		NUMBER	UNITS		
File Type	1	3	Bytes	A3	Always '030'
File Identifier	4	6	Bytes	A6	
Record Type	10	1	Bytes	I1	Always '3'
Station Number	11	5	Bytes	A5	Right justified
Sequence Number	16	4	Bytes	I4	Ascending order for sorting
Catalog Number	20	8	Bytes	A8	Originator's internal number
Photograph Number	28	10	Bytes	A10	Originator's internal number
Gear Type Code	38	1	Bytes	A1	Use File 030 Gear Type Code
Transect Number	39	2	Bytes	A2	
Transect Direction	41	3	Bytes	I3	Whole Degrees
Meter Number	44	4	Bytes	A4	
Zone/Arrow/ No. of Sample	48	3	Bytes	A3	
Quadrat Size	51	5	Bytes	I5	Square meters to thousandths
Elevation	56	4	Bytes	I4	Meters to hundredths
Substrata Type Codes	60	3	Bytes	3A1	Any combination of up to three Substrata Type Codes. Code from left to right (most predominant to left).
Surface Topo- graphy Codes	63	3	Bytes	3A1	Any combination of up to three File 030 Surface Topography Codes Code from left to right (most predominant to left).

RECORD FORMAT DESCRIPTION

RECORD NAME Intertidal Data (Site Header, Continued)

14. FIELD NAME	15. POSITION FROM-1 MEASURED IN (e.g., size, bytes)	16. LENGTH		17. ATTRIBUTES	18. USE AND MEANING
		NUMBER	UNITS		
Collection Time					
Hours	65	2	Bytes	I2	G. M. T.
Minutes	68	2	Bytes	I2	
Sieve Size	70	4	Bytes	I4	Millimeters to hundredths
Dilution Volume	74	3	Bytes	I3	*Decimal Equivalents (.XXX)
Quadrat Slope	77	2	Bytes	I2	Whole degrees
Direction of Quadrat Slope	79	3	Bytes	I3	Whole degrees
Grab Number	82	2	Bytes	I2	Sequential order of multiple digs
Sediment Volume	84	7	Bytes	I7	Liters to thousandths
Grain Size	91	2	Bytes	I2	ø number (-LOG ₂ MM.) with a range from -8 to +12. Minus ø must be explicitly reported with a minus sign in byte 91, plus ø should <u>not</u> incorporate '+' sign.
Patch Grid Size	93	5	Bytes	I5	Square meters to thousandths
Medium Frame Multiple	98	2	Bytes	I2	) Number of grids occupied by)) all species within
Large Frame Multiple	100	2	Bytes	I2	
Total Work Area	102	5	Bytes	I5	Square meters to thousandths
Depth	107	5	Bytes	I5	Meters to tenths
Distance of Net Tow	112	3	Bytes	I3	Meters to tenths
Blank	115	14	Bytes	14X	
* The dilution volume is that portion of a sample which is analyzed after the sample has been diluted, as a means of statistically estimating the composition of the sample without having to examine the entire sample. Therefore, the dilution volume will be recorded in decimal equivalents. Example: a sample that is diluted so as to equal 16 times its original volume, with one sixteenth being the part studied, will have its dilution volume recorded as .063.					

RECORD FORMAT DESCRIPTION

7

RECORD NAME Intertidal Data (Composite Data)

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 '030'
File Identifier	4	6	Bytes	A6	
Record Type	10	1	Bytes	I1	Always '4'
Station Number	11	5	Bytes	A5	Right justified
Sequence Number	16	4	Bytes	I4	Ascending order for sorting
Taxonomic Code	20	10	Bytes	5A2	) May have alphanumeric "Z" code) for non-identifiable biota. e.g.) "egg mass" (Alaska Marine Code) always used)
Sub Species Code	30	2	Bytes	A2	
Sex Code	32	1	Bytes	A1	
Condition Codes	33	3	Bytes	3A1	
Coverage	36	3	Bytes	I3	Use File Type 030 Condition Code. Any combination of up to three Condition Codes. Code from right to left.
Count	39	5	Bytes	I5	The number of species too small to be counted, or too well attached to the substrate to be removed, will be estimated by the percentage of the quadrat which they cover. Range is greater than 0% and less than or equal to 100%.
Wet Weight	44	7	Bytes	I7	Total number of individuals
Dry Weight	51	7	Bytes	I7	Grams to thousandths
Minimum Length	58	6	Bytes	I6	Grams to thousandths
Maximum Length	64	6	Bytes	I6	Millimeters to hundredths
Displacement Volume	70	5	Bytes	I5	Millimeters to hundredths
Mean Length	75	6	Bytes	I6	Milliliters to tenths
Minimum Width	81	6	Bytes	I6	Millimeters to hundredths
Maximum Width	87	6	Bytes	I6	Millimeters to hundredths

RECORD FORMAT DESCRIPTION

RECORD NAME

Intertidal Data (Composite Data cont.)

14. FIELD NAME	15. POSITION FROM-1 MEASURED IN <u>Bytes</u> (e.g., bits, bytes)	16. LENGTH		17. ATTRIBUTES	18. USE AND MEANING
		NUMBER	UNITS		
Mean Width	93	6	Bytes	I6	Millimeters to hundredths
Minimum Age	99	2	Bytes	I2	Years
Maximum Age	101	2	Bytes	I2	Years
Mean Age	103	2	Bytes	I2	Years
Small Frame	105	3	Bytes	I3	) Number of grids occupied by))
Medium Frame	108	3	Bytes	I3	
Large Frame	111	2	Bytes	I2	
Dilution Volume	113	3	Bytes	I3	*Decimal equivalents (.xxx)
Plant Height	116	2	Bytes	I2	Centimeters
Blank	118	11	Bytes	11X	

*The dilution volume is that portion of a sample which is analyzed after the sample has been diluted, as a means of statistically estimating the composition of the sample without having to examine the entire sample. Therefore, the dilution volume will be recorded in decimal equivalents. Example: a sample that is diluted so as to equal 16 times it's original volume, with one-sixteenth being the part studied, will have its dilution volume recorded as .063.



**U.S. DEPARTMENT OF COMMERCE
National Oceanic and Atmospheric Administration**

Auke Bay Fisheries Laboratory

P.O. Box 155

Auke Bay, Alaska 99821

March 21, 1979

77-0845

1.

File type: 030

File ID: 760825 TR2093

RU 78/79

Station	Date	Rec. type 3 Catalog #	Rec. type to be changed	First column	# column	old string	new string
16	750529	AB750659	4	20	12	53310401042	5331040104
16	750529	AB750666	4	20	10	12	130201
15	750524	AB750521	4	20	10	1301020213	13010202
19	750526	AB750557	4	20	10	5331190201	5331120901

Please change all 1205080109 to 12050801
1305010202 to 13050102
4801681501 to 4801651001
5330030203 to 5330020302

2.

File type: 030

File ID: 760902 TR2094

RU 78/79

13	750806	AB750880	4	20	10	4904100305	4905100305
14	750808	AB750925	4	20	11	53312401052	5331240105
19	750811	AB751086	4	20	10	1303080306	13030803
19	750811	AB751089	4	20	10	1201010501	12
18	750810	AB751039	4	20	10	5331240102	5331240201

Please change all 6804100103 to 6804100113
5331201002 to 5331200102

RECORD FORMAT DESCRIPTION

RECORD NAME

77-0845

14. FIELD NAME	15. POSITION FROM - 1 MEASURED IN (e.g., bits, bytes)	16. LENGTH		17. ATTRIBUTES	18. USE AND MEANING
		NUMBER	UNITS		
					<p>(1) IN RECORD TYPE '4' :000 changed to 9999</p> <p>(2) RECORD TYPE '3' / changed to $\frac{1}{2}$ (BLANK)</p> <p>(3) ALL NON-NUMERIC CHARACTERS WERE ELIMINATED FROM RECORD TYPE '1'</p> <p>(4) IN ALL MASTER RECORDS A SPECIAL CHARACTER WAS ELIMINATED IN COL 35, REST OF FIELD MOVED 1SPACE LEFT; <u>N</u> INSERTED IN COL. 26, <u>W</u> INSERTED IN COL 34.</p> <p>(5) FOR STATIONS (40, 16, 17, 13, 15, 19) WITH 2 MASTER RECORDS. THE SECOND MASTER RECORDS STATIONS WERE MADE UNIQUE WITH THE INSERTION OF AN 'A' IN COLUMN 14.</p>

TAX ANSWERS
NEADED FOR
77-0845
RU 78/79 MERRILL
TR 2092-92
SENT TO J.A.
4/10/79

ALSO NSD
showing some
ths in count
FIELD
(probably key punch
error)

LED
TU
F /0404060108/20
030TR20924 A40 1770404060108 20200
TU

F /12050 /20
030TR20924 A40 23212050 594000
TU

F /12060501/20
TU
F /130 /20
TU
F /1303030204/20
TU

DE1030TR20934 A15 18412060501 7 13 5566 723
030TR20924 41 212130 001
030TR20924 36 531303030204 4100
TU

F /1305010204/20
030TR20934 18 1611305010204 12057 517
TU

F /3001010 /20
030TR20924 37 1363001010 7 1 001
TU

13638
129

F /3313429 /20
TU
F /4 /20
TU

F /48011205/20
TU
030TR20944 18 7323313429 20 020
030TR20924 A40 3094 3 0001
TU

F /4801651002/20
TU
F /4801700504/20
ID030TR20944 13 49848011205 1 001
TU

F /4903050302/20
TU
eDdD/24101030TR20944 17 6484801651002 10 010
030TR20924 A40 2414801700504
TU

F /4904070409/20
TU
F /4904190201/20
4, D21D030TR20924 40 2374903050302 1 0800
030TR0934 A19 3624904070409 4 043
TU

F /49050 /20
030TR20924 37 734904190201 5 001
030TR20924 39 10849050 7 1100
TU

F /5201 /20
TU
F /030TR20924 37 1055201 7 001
F /5300020302/20
030T6J#" 135300020302 1 001
TU

F /5318020201/20
00TR209"4 36 155318020201 34000
TU

F /5330030203/20
TU

F /53300402/20
TU
F /5331170301/20
TU

DE1030TR20934 A19 1805330030203 2 4 3 988
030TR20924 39 42653300402 3 001
TU

F /5331200102/20
TU
F /5331240403/20
030TR20934 A17 6485331170301 15 008
030TR20934 14 6335331200102
030TR20944 14 3205331240403 4 004
TU

F /5331460301/20
TU
F /540305/20
030TR20944 141315331460301
DOSUB EDIT : DUSFR17 MERRILL

TR 20944 141351540305



U.S. DEPARTMENT OF COMMERCE
National Oceanic and Atmospheric Administration

Auke Bay Fisheries Laboratory

P.O. Box 155

Auke Bay, Alaska 99821

March 21, 1979

1.

File type: 030

File ID: 760825

RU 78/79

TR 2093

Station	Date	Rec. type 3 Catalog #	Rec. type to be changed	First column	# column	old string	new string
16	750529	AB750659	4	20	12	53310401042	5331040104
16	750529	AB750666	4	20	10	12	130201
15	750524	AB750521	4	20	10	1301020213	13010202
19	750526	AB750557	4	20	10	5331190201	5331120901

Please change all 1205080109 to 12050801
1305010202 to 13050102
4801681501 to 4801651001
5330030203 to 5330020302

2.

File type: 030

File ID: 760902

RU 78/79

TR 2094

13	750806	AB750880	4	20	10	4904100305	4905100305
14	750808	AB750925	4	20	11	53312401052	5331240105
19	750811	AB751086	4	20	10	1303080306	13030803
19	750811	AB751089	4	20	10	1201010501	12
18	750810	AB751039	4	20	10	5331240102	5331240201

Please change all 6804100103 to 6804100113
5331201002 to 5331200102

*attached to 3/21/79 memo
for O'Clair*

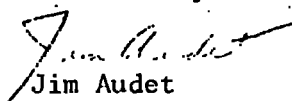


UNITED STATES DEPARTMENT OF COMMERCE
National Oceanic and Atmospheric Administration
ENVIRONMENTAL DATA SERVICE
Washington, D.C. 20235

D781/JJA

Date: December 6, 1977

To : Francesca Cava, Data Manager
Juneau Project Office

From: 
Jim Audet
NODC OCSEAP Data Coordinator

Subj: Check Program Results for R.U. 78 Intertidal Data.

TR 2092-93-94

Enclosed are the check program results and pre-inventories for File Type 030, File IDs 761120, 760825 and 760902. The only errors noted are technical errors which NODC will correct. These include illegal blanks and symbols for latitude and longitude fields and unacceptable taxonomic codes.

Since no additional information has been received concerning the previous data submission for this research unit (my memo of Sept. 8, 1977), to expedite processing the first four bytes of the unacceptable taxonomic codes will be changed to 9999 and the remainder of the originator's codes will be retained. These codes will be identified in the DDF as originator's internal codes. If more specific information is available for these internal codes, please forward it and we will incorporate it with the DDF.

Enclosures

cc: W. Fischer w/o encl.
M. Crane w/o encl.
D. Dale w/o encl.
E. Collins w/o encl.





U.S. DEPARTMENT OF COMMERCE
National Oceanic and Atmospheric Administration

12-01-77

To : *Jim Audet*

From: *erc*

77-0845, TR2692-4

*Answers to
Taxonomy question
needed on these
submissions. I
have placed them
on "hold"*

*12/5
Will go ahead
w/ 9999 change.*

TRANSMITTAL AND RECEIPT RECORD
(Please sign and return carbon copy acknowledging receipt)

Jim Audet, EDS Data Coordinator
National Oceanographic Data
Center D781

REFER TO

ATTENTION

THE ITEM(S) LISTED BELOW WERE FORWARDED TO YOU BY

☐ ORDINARY MAIL ☐ REGISTERED MAIL ☐ AIR MAIL ☒ CERTIFIED MAIL ☐ GOVERNMENT TRUCK ☐ BY HAND ☐ OTHER

SUBMISSION OF DATA: Research Unit 78

Under separate cover is 2 magnetic tape(s), 3 partial printout(s)
and 3 DDF(s). This data is labelled as follows:

78/79 030 761120
Zimmerman, Steven
Surveyor 76/05/11 - 76/05/21
EBDCIC 9 track, Odd, 800BPI

78/79 030 760825
Zimmerman, Steve
Surveyor 75/05/20 - 75/05/30
EBCEIC 9 track, Odd 800BPI

78/79 030 760902
Zimmerman, Steven
Surveyor 75/08/04 - 75/08/12
EBDCIC 9 track, Odd 800BPI

These tapes are 100% complete. No further updates are anticipated.

Please run NODC's check on the above data set to check format
compatability and return the results to this office within 10 days. The
P.I. has requested that the original tapes be returned. Thank you.

✓cc: separate cover

W. Fischer
L. Jarvela
J. Gharret
T. Merrell

Rec'd 11/16/77

FORWARDED BY (Signature)

Francesca M. Cava

TITLE

Data Manager, Juneau Project Office

DATE FORWARDED

NOV 14 1977

RECEIVED BY (Signature)

TITLE

DATE RECEIVED

RU# 78 332

Date Action to be completed 2/5/78

Action to be taken:

Attached are check program results from
 ● NODC on data sets with the following
 file I.D. 's : 761120, 760825, 760902 (RU 78)
 770800 (RU 332)

RUSH _____

TO WHOM	DATE REQUESTED RETURN	DATE RECEIVED	DATE RESPONDED	LOGGED IN/OUT
1. Laurie	2/5			
2. Francesca				
3.				
4.				
5.				
6.				
7.				
8.				
9.				
10.				

COMMENTS:

These printouts have been designed to check format compatibility & help the tracker ascertain that the data submitted have met the contractual commitments. Could you please review these printouts. Once you feel the data has met the contractual agreements I would like to forward the enclosed form letter to the P.I. therefore informing him/her of OCSEAP's acceptance of the data. We have never given the P.I. any positive feedback on what's happened to ~~their~~ their data. I'd like to begin some sort of routine. I would appreciate any comments, questions or recommendations for improvement on either NODC's checking programs or my letter. Thank
 cc: J. Audet

File type 030-ALASKA

20

SDF1 020677

SDF2 001720

ANSI 000621

TR 50, 526-529, 648, 1551-1554, 2092-2094, 2937, 2938,
3330-3334

51,092

Accession No: 77-0845

ID: Intertidal Studies

OCSEAP

```
*****
03CTF2C524      41 26653331102      2      001
                ???????
*****
```

030TR20524 41 2675333150101 1 001
??????

03CTR20923 42 51 760578760208056521 5 8821 2 2145 -0 1000
?

030TR20923 42 92 76058676020E058121 140 6721 21 2145 -C 1000
?

3

THE FIELDS BELCW WERE CHECKED AS FOLLOWS(S=SIGN/B=BLANK/T=TAXCNOMIC CODE/N=NUMERIC/M=MANDATORY NUMERIC/Z=NC CHECKING

TYPE	REC	PCS	LENGTH	NAME	RANGE TESTED		ACTUAL RANGE							
					LOW	HIGH	LOWEST	HIGHEST	MEAN	S. DEV	CCUNT	FP	FP-1	>-1
N 1	28	2	YEAR	START	NO RANGE	CHECKING	76	76	76.00	CC	1	1	0	0
N 1	30	2	MCNTH	START	NO RANGE	CHECKING	5	5	5.00	CC	1	1	0	0
N 1	32	2	DAY	START	NO RANGE	CHECKING	12	12	12.00	CC	1	1	0	0
N 1	34	2	YEAR	END	NO RANGE	CHECKING	76	76	76.00	CC	1	1	0	0
N 1	36	2	MCNTH	END	NO RANGE	CHECKING	5	5	5.00	CC	1	1	0	0
N 1	38	2	DAY	END	NO RANGE	CHECKING	19	19	19.00	CC	1	1	0	0
N 2	16	4	SEQUENCE	NUMBER	NO RANGE	CHECKING	1	1	1.00	CC	8	8	0	0
M 2	20	2	LAT	DEG	40	89	56	57	56.37	89	8	8	0	0
M 2	22	4	LAT	MIN TO .01	0	5999	770	5950	3125.00	1826.64	8	8	0	0
C 2	26	1	C5CCLAT	HEM							8			
M 2	27	3	LCN	DEG	60	179	153	154	153.37	1.32	8	8	0	0
M 2	30	4	LCN	MIN TO .01	0	5999	130	5210	1892.50	1845.34	8	8	0	0
C 2	34	1	C5GILON	HEM							8			
M 2	35	2	YEAR		NO RANGE	CHECKING	76	76	76.00	00	8	8	0	0
M 2	37	2	MCNTH		1	12	5	5	5.00	CC	8	8	0	0
M 2	39	2	DAY		1	21	12	19	15.00	2.12	8	8	0	0
M 2	41	2	HOUR		0	23	14	18	15.75	1.15	8	8	0	0
N 2	43	2	MINUTE		0	59	15	20	26.75	5.71	8	8	0	0
N 2	45	2	HOUR	ELAP	0	23	2	6	4.12	1.18	8	8	0	0
N 2	47	2	MINUTE	ELAP	0	59	0	52	23.37	16.42	8	8	0	0
N 2	49	3	TIMEZONE		4	11	10	10	10.00	CC	8	8	0	0
N 2	52	5	SURFACE	SALINITY PPT TO .001	10000	36000	28200	32200	31066.66	1417.49	6	6	0	0
N 2	57	5	SURFACE	TEMP DEG C TO .01	-200	3200	278	778	476.14	167.74	7	7	0	0
N 2	62	4	AIR	TEMP DEG C TO .1	-200	350	44	100	67.59	21.43	5	5	0	0
N 2	66	3	SECCHI	DISK DEPTH METERS TO .1	5	200	NO VALUES FOUND FOR THIS PARAMETER					8		
C 2	69	2	0159	WEATHER							8			
C 2	71	1	0053	CLOUDTYPE							NO VALUES FOUND FOR THIS PARAMETER			
C 2	72	1	0105	CLOUD AMOUNT							7			
N 2	73	2	WIND	SPEED TO WHOLE KNOTS	0	70	0	12	6.00	6.00	2	2	0	0
N 2	75	3	WIND	DIRECTION WHOLE DEG	0	359	185	185	185.00	CC	1	1	0	0
C 2	78	1	0109	SEA STATE CODE							6			
C 2	79	1	0109	BREAKER HEIGHT							NO VALUES FOUND FOR THIS PARAMETER			
N 2	80	3	EXPOSURE	DIRECTION WHOLE DEG	0	359	50	238	243.59	86.58	5	5	0	0
C 2	83	1	0103	SUBSTRATA TYPE TERTIARY							6			
C 2	84	1	0103	SUBSTRATA TYPE SECONDARY							5			
C 2	85	1	0103	SUBSTRATA TYPE PRIMARY							1			
N 2	86	4	BAROM	PRESS MILLIBARS TO .1	NO RANGE	CHECKING	NO VALUES FOUND FOR THIS PARAMETER							

C 2	90	1	C058HABITAT GEOMORPHIC CODE			NO VALUES FOUND FOR THIS PARAMETER							
C 2	91	1	C008HABITAT COMPOSITION CODE			NO VALUES FOUND FOR THIS PARAMETER							
C 2	92	1	C009HABITAT COVER CODE			NO VALUES FOUND FOR THIS PARAMETER							
C 2	93	1	C071HABITAT SLOPE CODE			NO VALUES FOUND FOR THIS PARAMETER							
C 2	94	1	C220SECCHI DISK VISIBILITY			NO VALUES FOUND FOR THIS PARAMETER							
B 2	95	28											
N 3	16	4	SEQUENCE NUMBER	NO RANGE CHECKING		2	451	155.63	123.26	216	216	0	0
C 3	36	1	C010GEAR TYPE							216			
N 3	41	3	TRANSECT DIRECTION WHOLE DEG	0	359	NO VALUES FOUND FOR THIS PARAMETER							
N 3	51	5	QUADRAT SIZE SQ METERS TO .0001	1	99999	62	1000	276.57	293.99	153	153	0	0
N 2	56	4	ELEVATION METERS TO .01	NO RANGE CHECKING		-57	481	84.85	89.02	216	216	0	0
C 3	60	1	C103SUBSTRATA TYPE TERTIARY							165			
C 3	61	1	C103SUBSTRATA TYPE SECONDARY							83			
C 3	62	1	C103SUBSTRATA TYPE PRIMARY							33			
C 3	63	1	C011SURFACE TOPOGRAPHY I							165			
C 3	64	1	C011SURFACE TOPOGRAPHY II							59			
C 3	65	1	C011SURFACE TOPOGRAPHY III							15			
N 3	66	2	HOUR COLLECT	NO RANGE CHECKING		0	21	18.10	1.99	216	216	0	0
N 3	68	2	MINUTE COLLECT	NO RANGE CHECKING		0	55	23.22	17.46	215	215	0	0
N 3	70	4	SIEVE SIZE MM TO .01	1	9999	NO VALUES FOUND FOR THIS PARAMETER							
N 3	74	3	DILUTION VOL DECIMAL EQ TO .001	1	999	NO VALUES FOUND FOR THIS PARAMETER							
N 3	77	2	QUADRAT SLOPE WHOLE DEG	0	45	0	99	37.20	44.76	216	216	0	0
N 3	79	3	QUAD SLOPE DIRECT WHOLE DEG	0	359	0	999	450.39	382.54	145	145	0	0
N 3	82	2	GRAB NUMBER	1	99	1	2	1.51	52	27	27	0	0
N 3	84	7	SEDIMENT LITERS TO .001	1	9999999	1000	1000	1000.00	00	63	63	0	0
N 3	91	2	GRAIN SIZE PHI GRADE SCALE	-8	12	NO VALUES FOUND FOR THIS PARAMETER							
N 3	93	5	PATCH GRID SIZE SQ M TO .001	1	99999	NO VALUES FOUND FOR THIS PARAMETER							
N 3	96	2	MEDFRAMEMULT	1	99	NO VALUES FOUND FOR THIS PARAMETER							
N 3	100	2	LRGFRAMEMULT	1	99	NO VALUES FOUND FOR THIS PARAMETER							
N 3	102	5	TOTAL WORK AREA SQ M TO .001	10	99999	NO VALUES FOUND FOR THIS PARAMETER							
N 3	107	5	DEPTH METERS TO .1	0	1000	NO VALUES FOUND FOR THIS PARAMETER							
N 3	112	3	DIST OF NET TOW METERS TO .1	1	999	NO VALUES FOUND FOR THIS PARAMETER							
N 3	115	3	LARGE SAMPLE QUAD SQ M TO .1	1	999	NO VALUES FOUND FOR THIS PARAMETER							
N 3	116	3	DIST NET TOW (M)	25	999	NO VALUES FOUND FOR THIS PARAMETER							
P 3	121	2								216			
N 4	16	4	SEQUENCE NUMBER	NO RANGE CHECKING		3	463	182.03	119.35	2082	2082	0	0
T 4	20	12	TAXONOMIC CODE TO SUBSPECIES							2082			
C 4	32	1	C101SEX CODE							9			
C 4	33	1	C069CONDITION CODE I			NO VALUES FOUND FOR THIS PARAMETER							
C 4	34	1	C069CONDITION CODE II							3			
C 4	35	1	C069CONDITION CODE III							174			
N 4	36	3	COVERAGE WHOLE %	1	100	10	100	33.01	22.84	82	82	0	0
N 4	39	5	COUNT FOR EACH SPECIES	1	99999	1	61000	89.98	1728.34	1253	1253	0	0
N 4	44	7	WET WEIGHT GMS TO .001	10	9999999	1	566600	33323.77	172944.43	1812	1812	0	0
N 4	51	7	DRY WEIGHT GMS TO .001	10	9999999	NO VALUES FOUND FOR THIS PARAMETER							
N 4	58	6	MINIMUM LENGTH MM TO .01	10	9999999	0	152000	5999.11	17025.80	113	113	0	0
N 4	64	6	MAX LENGTH MM TO .01	10	9999999	400	152000	8207.07	17030.49	113	113	0	0
N 4	70	5	DISPLACEMENT VOLUME L TO .1	1	99999	NO VALUES FOUND FOR THIS PARAMETER							
N 4	75	6	MEAN LENGTH MM TO .01	10	9999999	NO VALUES FOUND FOR THIS PARAMETER							
N 4	81	6	MINIMUM WIDTH MM TO .01	10	9999999	NO VALUES FOUND FOR THIS PARAMETER							
N 4	87	6	MAXIMUM WIDTH MM TO .01	10	9999999	NO VALUES FOUND FOR THIS PARAMETER							
N 4	93	6	MEAN WIDTH MM TO .01	10	9999999	NO VALUES FOUND FOR THIS PARAMETER							
N 4	99	2	MINIMUM AGE WHOLE YEARS	1	20	NO VALUES FOUND FOR THIS PARAMETER							
N 4	101	2	MAXIMUM AGE WHOLE YEARS	1	20	NO VALUES FOUND FOR THIS PARAMETER							
N 4	103	2	MEAN AGE WHOLE YEARS	1	20	NO VALUES FOUND FOR THIS PARAMETER							
N 4	105	3	SMLFRAME	1	999	NO VALUES FOUND FOR THIS PARAMETER							
N 4	108	3	MEDFRAME	1	999	NO VALUES FOUND FOR THIS PARAMETER							
N 4	111	2	LRGFRAME	0	99	NO VALUES FOUND FOR THIS PARAMETER							
N 4	113	3	DILUTION VOL DECIMAL EQ TO .001	1	999	NO VALUES FOUND FOR THIS PARAMETER							
N 4	116	2	PLANT HEIGHT <100CM HIGH (CM)	1	99	NO VALUES FOUND FOR THIS PARAMETER							

C 4 118	1	0070STARFISH MOVEMENT CODE			NO VALUES FOUND FOR THIS PARAMETER
N 4 119	4	PLANT HEIGHT >99CM HIGH (CM)	100	9999	NO VALUES FOUND FOR THIS PARAMETER
N 5 16	4	SEQUENCE NUMBER	NO RANGE CHECKING		NO VALUES FOUND FOR THIS PARAMETER
T 5 20	12	TAXONOMIC CODE TO SUBSPECIES			NO VALUES FOUND FOR THIS PARAMETER
C 5 32	1	0101SEX CODE			NO VALUES FOUND FOR THIS PARAMETER
C 5 33	1	0069CONDITION CODE I			NO VALUES FOUND FOR THIS PARAMETER
C 5 34	1	0069CONDITION CODE II			NO VALUES FOUND FOR THIS PARAMETER
C 5 35	1	0069CONDITION CODE III			NO VALUES FOUND FOR THIS PARAMETER
N 5 36	2	AGE WHOLE YEARS	1	20	NO VALUES FOUND FOR THIS PARAMETER
N 5 38	7	WET WEIGHT GMS TO .001	10	9999999	NO VALUES FOUND FOR THIS PARAMETER
N 5 45	7	DRY WEIGHT GMS TO .001	10	9999999	NO VALUES FOUND FOR THIS PARAMETER
N 5 52	6	LENGTH MM TO .01	10	999999	NO VALUES FOUND FOR THIS PARAMETER
N 5 58	6	WIDTH MM TO .01	10	999999	NO VALUES FOUND FOR THIS PARAMETER
N 5 64	5	DISPLACEMENT VOLUME ML TO .1	1	99999	NO VALUES FOUND FOR THIS PARAMETER
C 5 69	1	0070STARFISH CODE			NO VALUES FOUND FOR THIS PARAMETER
B 5 70	53				NO VALUES FOUND FOR THIS PARAMETER
N 6 16	4	SEQUENCE NUMBER	NO RANGE CHECKING		NO VALUES FOUND FOR THIS PARAMETER
N 6 20	3	OXYGEN ML/L TO .1	3	120	NO VALUES FOUND FOR THIS PARAMETER
N 6 23	2	PH PH TO .1	73	85	NO VALUES FOUND FOR THIS PARAMETER
N 6 25	1	PH SCALE	1	3	NO VALUES FOUND FOR THIS PARAMETER
N 6 26	3	SALINITY PPT TO .1	100	360	NO VALUES FOUND FOR THIS PARAMETER
N 6 29	3	INTERSTITIAL SALINITY PPT TO .1	100	360	NO VALUES FOUND FOR THIS PARAMETER
N 6 32	2	PERMAFROSTDEPTH METERS TO .1	1	99	NO VALUES FOUND FOR THIS PARAMETER
N 6 34	3	WATER TEMP DEG C TO .1	-20	320	NO VALUES FOUND FOR THIS PARAMETER
N 6 37	4	SECCHI DISK DEPTH M TO .01	50	2000	NO VALUES FOUND FOR THIS PARAMETER
N 6 41	3	GRAIN SIZE PHI > (-8) TO .1	0	950	NO VALUES FOUND FOR THIS PARAMETER
N 6 44	3	PHI -8 TO -6 IN % BY WT TO .1	0	950	NO VALUES FOUND FOR THIS PARAMETER
N 6 47	3	PHI -6 TO -4 IN % BY WT TO .1	0	950	NO VALUES FOUND FOR THIS PARAMETER
N 6 50	3	PHI -4 TO -2 IN % BY WT TO .1	0	950	NO VALUES FOUND FOR THIS PARAMETER
N 6 53	3	PHI -2 TO -1 IN % BY WT TO .1	0	950	NO VALUES FOUND FOR THIS PARAMETER
N 6 56	3	PHI -1 TO 0 IN % BY WT TO .1	0	950	NO VALUES FOUND FOR THIS PARAMETER
N 6 59	3	PHI 0 TO 1 IN % BY WT TO .1	0	950	NO VALUES FOUND FOR THIS PARAMETER
N 6 62	3	PHI 1 TO 2 IN % BY WT TO .1	0	950	NO VALUES FOUND FOR THIS PARAMETER
N 6 65	3	PHI 2 TO 3 IN % BY WT TO .1	0	950	NO VALUES FOUND FOR THIS PARAMETER
N 6 68	3	PHI 3 TO 4 IN % BY WT TO .1	0	950	NO VALUES FOUND FOR THIS PARAMETER
N 6 71	3	PHI <4 IN % BY WT TO .1	0	950	NO VALUES FOUND FOR THIS PARAMETER
B 6 74	49				NO VALUES FOUND FOR THIS PARAMETER
N 7 16	4	SEQUENCE NUMBER	NO RANGE CHECKING		NO VALUES FOUND FOR THIS PARAMETER

RECORDS READ : 2307

Password:

accNo	fleA	refNo	proj	inst	ship	startDate	cruise	catId
7700845	F030	TR2092	0081	3194	31SU	1976/05/12	Z276	305143
7700845	F030	TR2093	0081	3194	32HP	1975/05/21	Z275	305144
7700845	F030	TR2094	0081	3194	3191	1975/08/06	Z475	305145

(3 rows affected)

Password:

accNo	fleA	refNo	ship	staCnt	recCnt	startDate	endDate
7700845	F030	TR2092	31SU	8	2301	76/05/12	76/05/19
7700845	F030	TR2093	32HP	12	5609	75/05/21	75/05/29
7700845	F030	TR2094	3191	8	5720	75/08/06	75/08/11

(3 rows affected)