76-1134

TR0597

DDF A:1:06

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

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.

RECEIVED
AUG 11 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

Institute of Marine Sci Resubmission
U: Alaska
Fbx Alaska 99701

2. EXPEDITION, PROJECT, OR PROGRAM DURING WHICH DATA WERE COLLECTED

NOAA/OCS
RU. 281

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

Miller Freeman 818
032 000818

4. PLATFORM NAME(S)	5. PLATFORM TYPE(S) (E.G., SHIP, BUOY, ETC.)	6. PLATFORM AND OPERATOR NATIONALITY(IES) — PLATFORM	OPERATOR	7. DATES — FROM: MO/DAY/YR	TO: MO/DAY/YR
Miller Freeman	Ship	USA	USA	8/16/75	10/20/75

8. ARE DATA PROPRIETARY?

[X] NO [ ] YES

IF YES, WHEN CAN THEY BE RELEASED FOR GENERAL USE? YEAR____ MONTH____

9. ARE DATA DECLARED NATIONAL PROGRAM (DNP)?
(I.E., SHOULD THEY BE INCLUDED IN WORLD DATA CENTERS HOLDINGS FOR INTERNATIONAL EXCHANGE?)

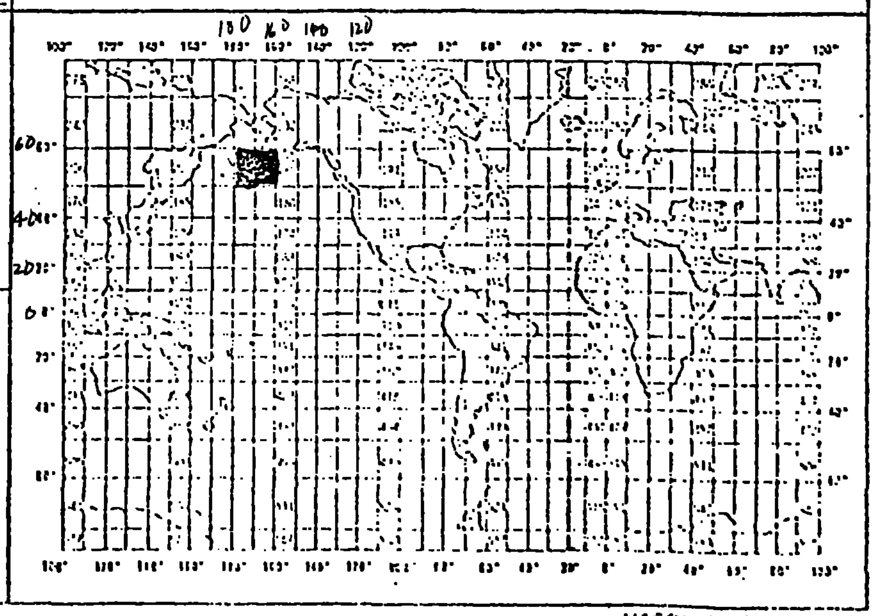
[X] NO [ ] YES [ ] PART (SPECIFY BELOW)

10. PERSON TO WHOM INQUIRIES CONCERNING DATA SHOULD BE ADDRESSED WITH TELEPHONE NUMBER (AND ADDRESS IF OTHER THAN IN ITEM-1)

H Feder
R. Hoskins

11. PLEASE DARKEN ALL MARSDEN SQUARES IN WHICH ANY DATA CONTAINED IN YOUR SUBMISSION WERE COLLECTED.

GENERAL AREA



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
Taxon Code	#0			
Benthic Organisms	1			

USCOMM-DC 44233-P72

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

Record Types 1, 2, 3, 5

2. GIVE BRIEF DESCRIPTION OF FILE ORGANIZATION

All Record Types 1 then 2 then 3, then 5.

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

4. RESPONSIBLE COMPUTER SPECIALIST:
NAME AND PHONE NUMBER Cydney Hansen, (907) 479-7836
ADDRESS Institute of Marine Science, University of Alaska, Fairbanks, AK 9970

COMPLETE THIS SECTION IF DATA ARE ON MAGNETIC TAPE

5. RECORDING MODE ☐ BCD ☐ BINARY ☐ ASCII ☒ EBCDIC ☐ _____

6. NUMBER OF TRACKS (CHANNELS) ☐ SEVEN ☒ NINE ☐ _____

7. PARITY ☒ ODD ☐ EVEN

8. DENSITY ☐ 200 BPI ☐ 1600 BPI ☐ 556 BPI ☒ 800 BPI ☐ _____

9. LENGTH OF INTER-RECORD GAP (IF KNOWN) ☐ 3/4 INCH ☒ 0.5 INCH

10. END OF FILE MARK ☐ OCTAL 17 ☒ OCTAL 23

281/5/303 032 818
Miller Freeman 818
8/16-10/20/75 H. Feder

9TRK,800BPI,EBCDIC,NLABEL,ODD PARITY
86 chars/record
8

12. PHYSICAL BLOCK LENGTH IN BYTES
86 BYTES/BLOCK

13. LENGTH OF BYTES IN BITS
8 BITS/BYTE

RECORD FORMAT DESCRIPTION

RECORD NAME _____

14. FIELD NAME	15. POSITION FROM 1 MEASURED IN _____ (e.g. bits, bytes)	16. LENGTH NUMBER	16. LENGTH UNITS	17. ATTRIBUTES	18. USE AND MEANING
File type	0	32	/	approved	W. Pelto. 2/20/76

D. INSTRUMENT CALIBRATION

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

INSTRUMENT TYPE (MFR., MODEL NO.)	DATE OF LAST CALIBRATION	INSTRUMENT WAS CALIBRATED BY		CHECK ONE: INSTRUMENT IS CALIBRATED					INSTRUMENT IS NOT CALIBRATED
		YOUR ORGANIZATION (✓)	OTHER ORGANIZATION (GIVE NAME)	AT FIXED INTERVALS (✓)	BEFORE OR AFTER USE (✓)	BEFORE AND AFTER USE (✓)	ONLY AFTER REPAIR (✓)	ONLY WHEN NEW (✓)	(✓)
N/A									

FIRST 10 RECORDS WRITTEN TO TAPE:

```
032000818 1MFRMN                                                                01
032000818 1MFRMN TAXON CODE 000000000000 MEANS UNIDENTIFIED FRAGMENTS. 0 WEIGHT02
032000818 1MFRMN AND OR 0 COUNT OCCURES IN THE FOLLOWING STATIONS FOR THE       03
032000818 1MFRMN LISTED REASONS:  STATIONS 55,83, ORGANISMS FRAGMENTED, STATION04
032000818 1MFRMN 47 HYDROZOA ENCRUSTED, 480161072 TO SMALL.  STATION 55         05
032000818 1MFRMN 4801580202 MISSING DATUM.                                      06
0320008182000550067750819210572900N1700800W
0320008182000700100750820220582900N1721100W
0320008182000710077750821025590400N1711000W
0320008182000720062750824035593400N1701900W
0320008182000730044750823013600200N1692900W

 END OF JOB
CARDS TO TAPE =    580
```

2	4	1	741717627417	036076170770	743523066635	232520161701	717533252014	%\
		6	172661142500	741703607417	036074170360	741703602015	230560352742	\F
		11	201623256234	230565361711	615447056104	030666340707	651427257076	>
		16	111320170100	715427116174	434374171100	200401002004	010020000000	9#
3	4	1	741717627417	036076170770	743523066635	232520140725	610403266624	%\
		6	036020141726	711527432015	330360762331	613611006235	250070744305	3+
		11	201433266475	172671544725	616403427074	074362353325	704403066555	@
		16	450070744305	200401002004	010074171500	200401002004	010020000000	NO
4	4	1	741717627417	036076170770	743523066635	232520151711	705617056104	%\
		6	033161340742	655527423644	010070561701	707447266536	110075372553	3I
		11	761715532015	333161740725	623613247044	030666340707	651427257074	"\
		16	270432640342	707407436235	332574172100	200401002004	010020000000	G4
5	4	1	741717627417	036076170770	743523066635	232520172367	201443506115	%\
		6	472672353301	201427256075	474470561705	610655007517	436074373361	PF
		11	741737622016	172620161324	603517232264	010070561701	707447266524	%\
		16	036575240100	200401002004	010074172500	200401002004	010020000000	3V
6	4	1	741717627417	036076170770	743523066635	232520172370	741707657617	%\
		6	036274171100	651447427054	472561640304	603617446504	550020040100	3S
		11	200401002004	010020040100	200401002004	010020040100	200401002004	4
		16	010020040100	200401002004	010074173100	200401002004	010020000000	10
7	4	1	741717627417	036076170770	745703607417	276574170366	757737657417	%\
		6	436176371361	741727677457	476074152761	757703607617	036071440100	L/
		11	200401002004	010020040100	200401002004	010020040100	200401002004	4
		16	010020040100	200401002004	010020040100	200401002004	010020000000	10
8	4	1	741717627417	036076170770	745703607417	376074170760	741737657417	%\
		6	436274171362	741727707457	476074152761	757713617437	036071440100	LS
		11	200401002004	010020040100	200401002004	010020040100	200401002004	4
		16	010020040100	200401002004	010020040100	200401002004	010020000000	10
9	4	1	741717627417	036076170770	745703607417	376174170367	757737657417	%\
		6	436274370362	753727717417	236074152761	757707617417	036071440100	LS
		11	200401002004	010020040100	200401002004	010020040100	200401002004	4
		16	010020040100	200401002004	010020040100	200401002004	010020000000	10
10	4	1	741717627417	036076170770	745703607417	376274170366	745737657417	%\

```
1 741717627417 036076170770 743523066635 232520161701 717533252014 %\\S%\3+"\7Y%(C6W(CE >\1Z=.E @
6 172661142500 741703607417 036074170360 741703602015 230560352742 \F/@E0%\3+%\3+%\3+%\3+ :C5+(GK
1 201623256234 230565361711 615447056104 030666340707 651427257076 >CES1C5V<\9/*P5/436W177V@GEY"
6 111320170100 715427116174 434374171100 200401002004 010020000000 9# \10Z*G9/%LL%\90 410 410 000

1 741717627417 036076170770 743523066635 232520140725 610403266624 %\\S%\3+"\7Y%(C6W(CE @7E/43FWD
5 036020141726 711527432015 330360762331 613611006235 250070744305 3+ @\FZ:GL :.3+"CI/<90S(EOY%L5
1 201433266475 172671544725 616403427074 074362353325 704403066555 @.FU=\FZ*PE/U3KY%7LS(.EYM36V)
5 450070744305 200401002004 010074171500 200401002004 010020000000 NOY%L5 410 410%\:0 410 410 000

1 741717627417 036076170770 743523066635 232520151711 705617056104 %\\S%\3+"\7Y%(C6W(CE :\9Y;\5/4
5 033161340742 655527423644 010070561701 707447266536 110075372553 3I/17KV)GK<M10Y;\1Y%PFV<90=\ES
1 761715532015 333161740725 623613247044 030666340707 651427257074 "\:$ :.I/%7ES<#DYM36W177V@GEY%
5 270432640342 707407436235 332574172100 200401002004 010020000000 G4&U3KY%7LS(.E%\A0 410 410 000

1 741717627417 036076170770 743523066635 232520172367 201443506115 %\\S%\3+"\7Y%(C6W(CE \CX @LQ/:
5 472672353301 201427256075 474470561705 610655007517 436074373361 PF-(.1 @GE+=PMY;\5/6)0=\L+%\./
1 741737622016 172620161324 603517232264 010070561701 707447266524 %\\S >\F >#D+(\CBU10Y;\1Y%PFVD
5 036575240100 200401002004 010074172500 200401002004 010020000000 3V=D10 410 410%\E0 410 410 000

1 741717627417 036076170770 743523066635 232520172370 741707657617 %\\S%\3+"\7Y%(C6W(CE \CY%\7V"\
5 036274171100 651447427054 472561640304 603617446504 550020040100 3S%\90V@PKY*PE/U34+<\MV4)0 410
1 200401002004 010020040100 200401002004 010020040100 200401002004 410 410 410 410 410 410 410 4
5 010020040100 200401002004 010074173100 200401002004 010020000000 10 410 410 410%\I0 410 410 000

1 741717627417 036076170770 745703607417 276574170366 757737657417 %\\S%\3+"\7Y%'3+%\GV%\3W=\\V%\
5 436176371361 741727677457 476074152761 757703607617 036071440100 L/"\#/%\GX%'P+%:G/=\3+"\3+ZM10
1 200401002004 010020040100 200401002004 010020040100 200401002004 410 410 410 410 410 410 410 4
6 010020040100 200401002004 010020040100 200401002004 010020000000 10 410 410 410 410 410 410 000

1 741717627417 036076170770 745703607417 376074170760 741737657417 %\\S%\3+"\7Y%'3+%\\+%\7+%\\V%\
6 436274171362 741727707457 476074152761 757713617437 036071440100 LS%\#S%\GY%'P+%:G/=\#/%\3+ZM10
1 200401002004 010020040100 200401002004 010020040100 200401002004 410 410 410 410 410 410 410 4
6 010020040100 200401002004 010020040100 200401002004 010020000000 10 410 410 410 410 410 410 000

1 741717627417 036076170770 745703607417 376174170367 757737657417 %\\S%\3+"\7Y%'3+%\\/%\3X=\\V%\
6 436274370362 753727717417 236074152761 757707617417 036071440100 LS%\3S=\GZ%\C+%:G/=\7/%\3+ZM10
1 200401002004 010020040100 200401002004 010020040100 200401002004 410 410 410 410 410 410 410 4
6 010020040100 200401002004 010020040100 200401002004 010020000000 10 410 410 410 410 410 410 000

1 741717627417 036076170770 745703607417 376274170366 745737657417 %\\S%\3+"\7Y%'3+%\\S%\3W%'\V%\
```

76-1834

CORRECTIONS (RESUBMISSION)

Sorted

1st level station number 11 for 5

2nd level card type 10 for 1

Corrected LRECL from 88 to 86 - to agree with 032 format

File ID changed from 000818 to TR0599

C. DATA FORMAT BENTHIC ORGANISMS

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 GIVE METHOD OF IDENTIFYING EACH RECORD TYPE

Four record types differentiated by a "Record Type Identifier" field in byte 10 of every record.

RECORD TYPE	DATA TYPE
1	Header (Text) Record (Optional)
2	Station (Sample) Header Record
3	Segment Detail Record
5	Species Record
6	Comment Record (for individual station)

2. GIVE BRIEF DESCRIPTION OF FILE ORGANIZATION

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

5. RECORDING MODE ☐ BCD ☐ BINARY ☐ ASCII ☐ EBCDIC ☐ _____

6. NUMBER OF TRACKS (CHANNELS) ☐ SEVEN ☐ NINE ☐ _____

7. PARITY ☐ ODD ☐ EVEN

8. DENSITY ☐ 200 BPI ☐ 1600 BPI ☐ 556 BPI ☐ 800 BPI ☐ _____

9. LENGTH OF INTER-RECORD GAP (IF KNOWN) ☐ 3/4 INCH ☐ _____

10. END OF FILE MARK ☐ OCTAL 17 ☐ _____

11. PASTE-ON-PAPER LABEL DESCRIPTION *(INCLUDE ORIGINATOR NAME AND SOME LAY SPECIFICATIONS OF DATA TYPE, VOLUME NUMBER)*

12. PHYSICAL BLOCK LENGTH IN BYTES

13. LENGTH OF BYTES IN BITS

BENTHIC ORGANISMS
RECORD FORMAT DESCRIPTION

RECORD NAME HEADER (TEXT) RECORD (OPTIONAL)

14. FIELD NAME	15. POSITION FROM - 1 MEASURED IN _____ (e.g., bits, bytes)	16. LENGTH NUMBER	16. LENGTH UNITS	17. ATTRIBUTES	18. USE AND MEANING
File Type	1	3	Bytes	A3	Always '032'
File ID Cruise Number	4	6	Bytes.	A6	
Record Type	10	1	Bytes	I1	Always '1'
Ship Name	11	6	Bytes	A6	
Text	17	62	Bytes	62A1	
Sequence Number	79	2	Bytes	I2	Incremented by one for each text record.
Blank	81	6	Bytes	6X	

BENTHIC ORGANISMS
RECORD FORMAT DESCRIPTION

RECORD NAME STATION (SAMPLE) HEADER RECORD 2-20-76

14. FIELD NAME	15. POSITION FROM-1 MEASURED IN _____ (e.g., bits, bytes)	16. LENGTH NUMBER	16. LENGTH UNITS	17. ATTRIBUTES	18. USE AND MEANING
File Type	1	3	Bytes	A3	Always '032'
File ID Cruise Number	4	6	Bytes	A6	
Record Type	10	1	Bytes	A1	Always '2'
Station Number	11	5	Bytes	I5	
Start Depth	16	4	Bytes	I4	To whole meters
Start Date (GMT)					
Year	20	2	Bytes	I2	00 to 99
Month	22	2	Bytes	I2	01 to 12
Day	24	2	Bytes	I2	01 to 31
Start Time (GMT)					
Hour	26	3	Bytes	I3	To tenths (000 to 239)
Start Latitude					
Degrees	29	2	Bytes	I2	00 to 80
Minutes	31	2	Bytes	I2	00 to 59
Seconds	33	2	Bytes	I2	00 to 59
Hemisphere	35	1		A1	'N' or 'S'
Start Longitude					
Degrees	36	3	Bytes	I3	000 to 180
Minutes	39	2	Bytes	I2	00 to 59
Seconds	41	2	Bytes	I2	00 to 59
Hemisphere	43	1	Bytes	A1	'E' or 'W'
End Depth	44	4	Bytes	I4	To whole meters

BENTHIC ORGANISMS
RECORD FORMAT DESCRIPTION

D.Dec.76

RECORD NAME STATION (SAMPLE) HEADER RECORD, CONTINUED

14. FIELD NAME	15. POSITION FROM-1 MEASURED IN _____ (e.g., bits, bytes)	16. LENGTH NUMBER	16. LENGTH UNITS	17. ATTRIBUTES	18. USE AND MEANING
End Date (GMT)					
Year	48	2	Bytes	I2	00 to 99
Month	50	2	Bytes	I2	01 to 12
Day	52	2	Bytes	I2	01 to 31
End Time (GMT)					
Hours	54	3	Bytes	I3	To tenths (000 to 239)
End Latitude					
Degrees	57	2	Bytes	I2	00 to 90
Minutes	59	2	Bytes	I2	00 to 59
Seconds	61	2	Bytes	I2	00 to 59
Hemisphere	63	1	Bytes	A1	'N' or 'S'
End Longitude					
Degrees	64	3	Bytes	I3	000 to 180
Minutes	67	2	Bytes	I2	00 to 59
Seconds	69	2	Bytes	I2	00 to 59
Hemisphere	71	1	Bytes	A1	'E' or 'W'
Distance Offshore	72	3	Bytes	I3	Distance to nearest shoreline in whole kilometers.
Tow Direction	75	3	Bytes	I3	Direction from true North in whole degrees.
Blank	78	9	Bytes	9X	

BENTHIC ORGANISMS

RECORD FORMAT DESCRIPTION

RECORD NAME SEGMENT DETAIL RECORD

14. FIELD NAME	15. POSITION FROM-1 MEASURED IN (e.g., bits, bytes)	16. LENGTH NUMBER	16. LENGTH UNITS	17. ATTRIBUTES	18. USE AND MEANING
File Type	1	3	Bytes	I3	Always '032'
Cruise Number (Fld ID)	4	6	Bytes	I6	
Record Type	10	1	Bytes	I1	Always '3'
Station Number	11	5	Bytes	I5	
Sample Segment					
Start Depth	16	2	Bytes	I2	Start depth of segment within sample in cm.
End Depth	18	2	Bytes	I2	End depth of segment within sample in cm.
Penetration Depth	20	3	Bytes	I3	Core penetration in mm.
Area Sampled	23	7	Bytes	I7	Meters squared to thousandths
Bottom Salinity	30	5	Bytes	I5	Parts per thousand to thousandths
Bottom Temperature	35	4	Bytes	I4	Degrees Celsius to hundredths
Bottom Oxygen	39	3	Bytes	I3	Milliliters per liter to tenths
Sediment Organic Carbon	42	4	Bytes	I4	Percent by weight to hundredths
Sediment Total Carbon	46	4	Bytes	I4	Percent by weight to hundredths
Sand	50	3	Bytes	I3	Percent by volume to tenths
Silt	53	3	Bytes	I3	Percent by volume to tenths
Clay	56	3	Bytes	I3	Percent by volume to tenths
Minimum Sieve Size	59	4	Bytes	I4	Millimeters to hundredths
Wire Length	63	4	Bytes	I4	Length of wire out in whole meters.
Core Angle	67	2	Bytes	I2	In whole degrees from verticals

RECORD FORMAT DESCRIPTION

RECORD NAME SEGMENT DETAIL RECORD, CONTINUED

14. FIELD NAME	15. POSITION FROM-1 MEASURED IN _____ (e.g., bits, bytes)	16. LENGTH NUMBER	16. LENGTH UNITS	17. ATTRIBUTES	18. USE AND MEANING
Average Phi Size	69	3	Bytes	I3	To tenths
Equipment Code	72	3	Bytes	A3	'BMT' = Beam Trawl 'OTB' = Otter Trawl 'SMG' = Smith-MaçIntyre Grab 'DSC' = Deep Sea Camera 'MCB' = Multiple Core 'QMB' = 1/4 Meter Sq. Box Core 'GMB' = 1/10 Meter Sq. Box Core 'VVG = Van Veen Grab
Sample Number	75	4	Bytes	I4	Originator's Number
Segment Sequence	79	2	Bytes	I2	Sequential number indicating an individual segment of a sample. These numbers should be consecutive (01,02,03,etc.)
Sample Volume	81	4	Bytes	I4	Liters to tenths
Number of Grabs	85	2	Bytes	I2	Total number making up sample volume

USCOMM-DC 44269-P72

BENTHIC ORGANISMS
RECORD FORMAT DESCRIPTION

RECORD NAME SPECIES RECORD

14. FIELD NAME	15. POSITION FROM-1, MEASURED IN Bytes (e.g., bits, bytes)	16. LENGTH NUMBER	16. LENGTH UNITS	17. ATTRIBUTES	18. USE AND MEANING
File Type	1	3	Bytes	A3	Always '032'
File ID Cruise Number	4	6	Bytes	A6	
Record Type	10	1	Bytes	I1	Always '5'
Station Number	11	5	Bytes	I5	
Species Code	16	10	Bytes	5A2	
Sub Species Code	26	2	Bytes	A2	
Number of Individuals	28	5	Bytes	I5	
Species Total Weight	33	10	Bytes	I10	Grams to thousandths
Qualitative Code	43	1	Bytes	A1	Use File 032 Qualitative Code
Blank	44	35	Bytes	35X	
Segment Sequence Number	79	2	Bytes	I2	Corresponding to the sample segment sequence number in which the species is found. (e.g. when record type 3 has a segment sequence no. of 06, all record type 5 records associated will have segment sequence no. of 06.)
Blank	81	6	Bytes	6X	

The first N records (optional) of each file may be Type 1 records sequenced in ascending order 01 through N. Each sampling station within the file will begin with a single Type 2 record. Each segment within a sample will have one Type 3 record with a unique, ascending sequence number (01 through the total number of delineated segments). Each species detected in a segment will have a unique Type 5 record and will be tied to the segment with a corresponding segment sequence number.

RECORD FORMAT DESCRIPTION

RECORD NAME COMMENT RECORD (Benthic Organisms)

14. FIELD NAME	15. POSITION FROM 1 MEASURED IN Bytes (e.g., bits, bytes)	16. LENGTH NUMBER	16. LENGTH UNIT	17. ATTRIBUTES	18. USE AND MEANING
File Type	1	3	Bytes	A3	Always '032'
Cruise Number	4	6	Bytes	A6	
Record Type	10	1	Bytes	I1	Always '6'
Station Number	11	5	Bytes	I5	
Text Sequence Number	16	3	Bytes	I3	Numerically ascending within a segment sequence number
Text	19	63	Bytes	65A1	
Segment Sequence Number	79	2	Bytes	I2	This field allows text records to be written for a station and for a particular segment of a station. If all text records are associated with a station, this field would be left blank. If the text are explaining a particular segment of a sample, that segment(s) will be coded. In both cases the Text Sequence Number will be used to sequence the text record
Blank	81	6		6X	