

DDF A:3:21

DATA DOCUMENTATION FORM

TR5738-TR5756

NOAA FORM 24-13  
(4-72)

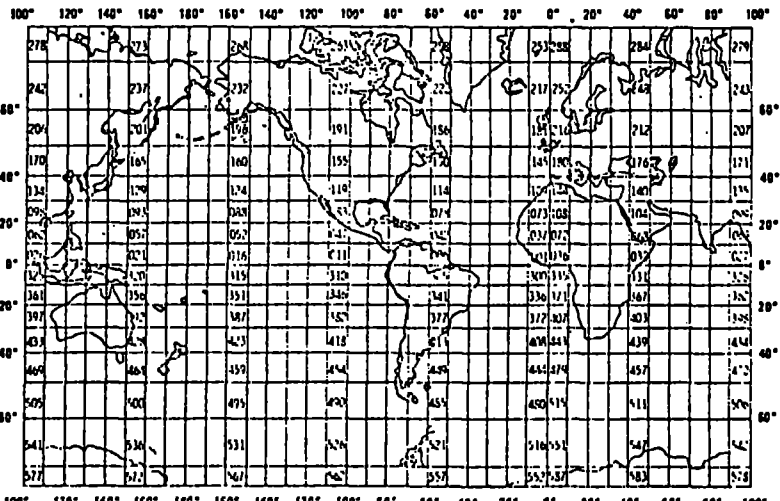
U.S. DEPARTMENT OF COMMERCE  
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION  
NATIONAL OCEANOGRAPHIC DATA CENTER  
RECORDS SECTION  
ROCKVILLE, MARYLAND 20852

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.

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 Howard Feder Institute of Marine Science University of Alaska Fairbanks, Ak 99701			
2. EXPEDITION, PROJECT, OR PROGRAM DURING WHICH DATA WERE COLLECTED  NOAA/OCSEAP R.U. #5		3. CRUISE NUMBER(S) USED BY ORIGINATOR TO IDENTIFY DATA IN THIS SHIPMENT  FED01	
4. PLATFORM NAME(S)  SURVEYOR	5. PLATFORM TYPE(S) (E.G., SHIP, BUOY, ETC.)  SHIP	6. PLATFORM AND OPERATOR NATIONALITY(IES)  U.S.      U.S.	7. DATES FROM: MO/PAY/YR      TO: MO/DAY/YR 11/05/77      11/16/77
8. ARE DATA PROPRIETARY? <input type="checkbox"/> NO <input type="checkbox"/> YES  IF YES, WHEN CAN THEY BE RELEASED FOR GENERAL USE? YEAR ____ MONTH ____		11. PLEASE DARKEN ALL MARSDEN SQUARES IN WHICH ANY DATA CONTAINED IN YOUR SUBMISSION WERE COLLECTED.  GENERAL AREA	
9. ARE DATA DECLARED NATIONAL PROGRAM (DNP)? (I.E., SHOULD THEY BE INCLUDED IN WORLD DATA CENTERS HOLDINGS FOR INTERNATIONAL EXCHANGE?) <input 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) Raymond S. Hadley (907) 479-7086 Howard Feder (907) 479-7841 Alaska Sea Grant Program University of Alaska Fairbanks, Ak 99701			

## DATA DOCUMENTATION FORM

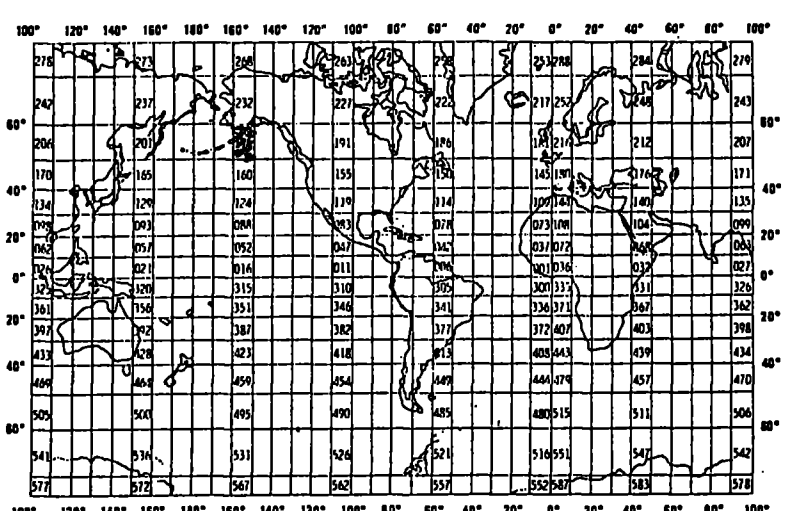
TR5739

NOAA FORM 24-13  
(4-72)U.S. DEPARTMENT OF COMMERCE  
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4. PLATFORM NAME(S)  Surveyor	5. PLATFORM TYPE(S) (E.G., SHIP, BUOY, ETC.)  Ship	6. PLATFORM AND OPERATOR NATIONALITY(IES)  U.S.	7. DATES  FROM: MO/DAY/YR TO: MO/DAY/YR  03/27/78 04/01/78
8. ARE DATA PROPRIETARY?  <input type="checkbox"/> NO <input type="checkbox"/> YES  IF YES, WHEN CAN THEY BE RELEASED FOR GENERAL USE? YEAR _____ MONTH _____		11. PLEASE DARKEN ALL MARSDEN SQUARES IN WHICH ANY DATA CONTAINED IN YOUR SUBMISSION WERE COLLECTED.  GENERAL AREA 	
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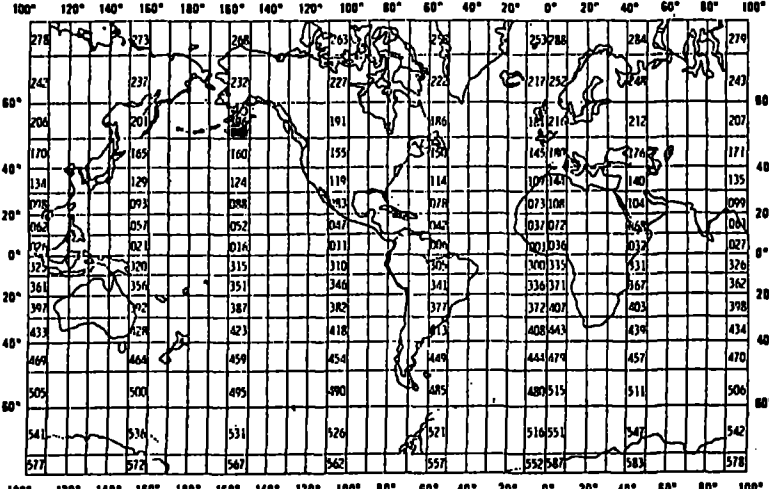
TR 5740

NOAA FORM 24-13  
(4-72)U.S. DEPARTMENT OF COMMERCE  
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4. PLATFORM NAME(S)  Miller Freeman	5. PLATFORM TYPE(S) (E.G., SHIP, BUOY, ETC.)  Ship	6. PLATFORM AND OPERATOR NATIONALITY(IES) <table border="1"><thead><tr><th>PLATFORM</th><th>OPERATOR</th></tr></thead><tbody><tr><td>U.S.</td><td>U.S.</td></tr></tbody></table>	PLATFORM	OPERATOR	U.S.	U.S.	7. DATES <table border="1"><thead><tr><th>FROM: MO/DAY/YR</th><th>TO: MO/DAY/YR</th></tr></thead><tbody><tr><td>05/10/78</td><td>05/16/78</td></tr></tbody></table>	FROM: MO/DAY/YR	TO: MO/DAY/YR	05/10/78	05/16/78
PLATFORM	OPERATOR										
U.S.	U.S.										
FROM: MO/DAY/YR	TO: MO/DAY/YR										
05/10/78	05/16/78										
8. ARE DATA PROPRIETARY? <input type="checkbox"/> NO <input type="checkbox"/> YES  IF YES, WHEN CAN THEY BE RELEASED FOR GENERAL USE? YEAR _____ MONTH _____		11. PLEASE DARKEN ALL MARSDEN SQUARES IN WHICH ANY DATA CONTAINED IN YOUR SUBMISSION WERE COLLECTED.  GENERAL AREA 									
9. ARE DATA DECLARED NATIONAL PROGRAM (DNP)? (I.E., SHOULD THEY BE INCLUDED IN WORLD DATA CENTERS HOLDINGS FOR INTERNATIONAL EXCHANGE?) <input type="checkbox"/> NO <input type="checkbox"/> YES <input type="checkbox"/> PART (SPECIFY BELOW)											
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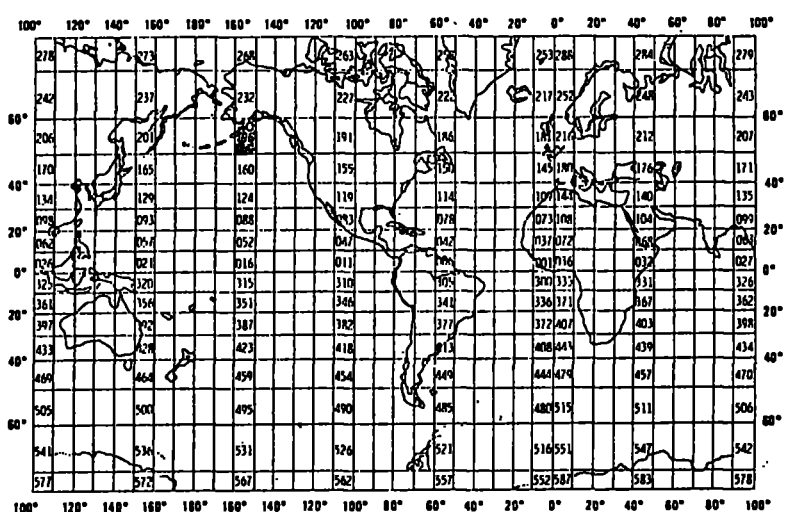
## DATA DOCUMENTATION FORM

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4. PLATFORM NAME(S)  Miller Freeman	5. PLATFORM TYPE(S) (E.G., SHIP, BUOY, ETC.)  Ship	6. PLATFORM AND OPERATOR NATIONALITY(IES) <table border="1"><thead><tr><th>PLATFORM</th><th>OPERATOR</th></tr></thead><tbody><tr><td>U.S.</td><td>U.S.</td></tr></tbody></table>	PLATFORM	OPERATOR	U.S.	U.S.	7. DATES <table border="1"><thead><tr><th>FROM: MO/DAY/YR</th><th>TO: MO/DAY/YR</th></tr></thead><tbody><tr><td>06/07/78</td><td>06/14/78</td></tr></tbody></table>	FROM: MO/DAY/YR	TO: MO/DAY/YR	06/07/78	06/14/78
PLATFORM	OPERATOR										
U.S.	U.S.										
FROM: MO/DAY/YR	TO: MO/DAY/YR										
06/07/78	06/14/78										
8. ARE DATA PROPRIETARY? <input type="checkbox"/> NO <input type="checkbox"/> YES  IF YES, WHEN CAN THEY BE RELEASED FOR GENERAL USE? YEAR _____ MONTH _____		11. PLEASE DARKEN ALL MARSDEN SQUARES IN WHICH ANY DATA CONTAINED IN YOUR SUBMISSION WERE COLLECTED.  GENERAL AREA 									
9. ARE DATA DECLARED NATIONAL PROGRAM (DNP)? (I.E., SHOULD THEY BE INCLUDED IN WORLD DATA CENTERS HOLDINGS FOR INTERNATIONAL EXCHANGE?) <input type="checkbox"/> NO <input type="checkbox"/> YES <input type="checkbox"/> PART (SPECIFY BELOW)											
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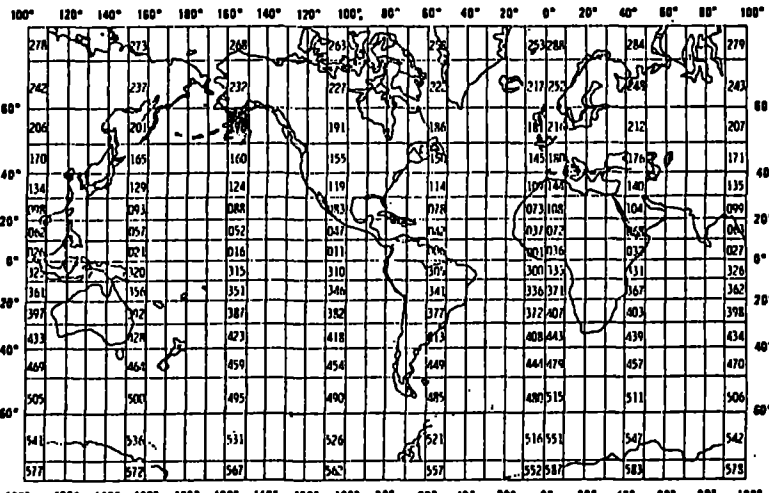
TR 5742

NOAA FORM 24-13  
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4. PLATFORM NAME(S)  Miller Freeman	5. PLATFORM TYPE(S) (E.G., SHIP, BUOY, ETC.)  Ship	6. PLATFORM AND OPERATOR NATIONALITY(IES)  U.S. U.S.	7. DATES FROM: MO/DAY/YR TO: MO/DAY/YR  07/13/78 07/22/78
8. ARE DATA PROPRIETARY? <input type="checkbox"/> NO <input type="checkbox"/> YES  IF YES, WHEN CAN THEY BE RELEASED FOR GENERAL USE? YEAR ____ MONTH ____		11. PLEASE DARKEN ALL MARSDEN SQUARES IN WHICH ANY DATA CONTAINED IN YOUR SUBMISSION WERE COLLECTED.  GENERAL AREA	
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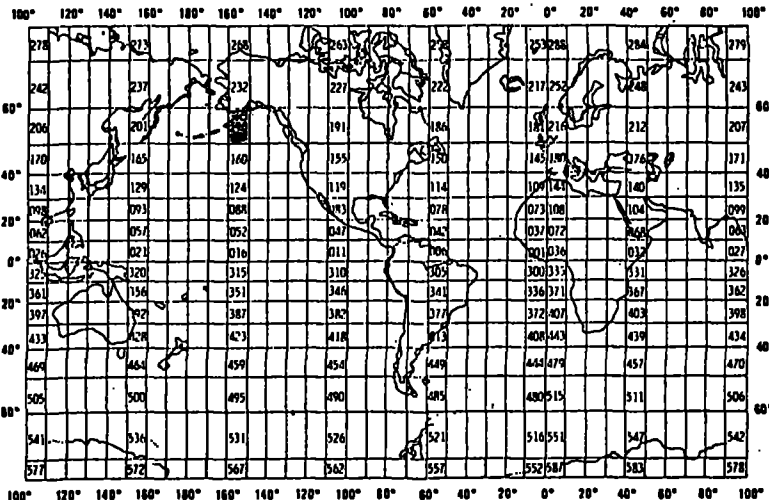
TR 5743

NOAA FORM 24-13  
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4. PLATFORM NAME(S)  Surveyor	5. PLATFORM TYPE(S) (E.G., SHIP, BUOY, ETC.)  Ship	6. PLATFORM AND OPERATOR NATIONALITY(IES) <table border="1"><thead><tr><th>PLATFORM</th><th>OPERATOR</th></tr></thead><tbody><tr><td>U.S.</td><td>U.S.</td></tr></tbody></table>	PLATFORM	OPERATOR	U.S.	U.S.	7. DATES <table border="1"><thead><tr><th>FROM: MO/DAY/YR</th><th>TO: MO/DAY/YR</th></tr></thead><tbody><tr><td>08/13/78</td><td>08/20/78</td></tr></tbody></table>	FROM: MO/DAY/YR	TO: MO/DAY/YR	08/13/78	08/20/78
PLATFORM	OPERATOR										
U.S.	U.S.										
FROM: MO/DAY/YR	TO: MO/DAY/YR										
08/13/78	08/20/78										
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## 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
Equipment Code	Code			
Station Number	Number			
Species Code	Code			
Number of Individuals	Number			
Species Total Weight	Grams to Thousands			
Qualitative Code	Code			

## Ptition

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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 Type 032

Record Type 1,2,3,5

## 2. GIVE BRIEF DESCRIPTION OF FILE ORGANIZATION

Record Type 1 Header Information

2 Per Station

3 Per Station

5 Per Sample per Station

## 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

<b>5. RECORDING MODE</b> <input type="checkbox"/> BCD <input type="checkbox"/> BINARY <input type="checkbox"/> ASCII <input checked="" type="checkbox"/> EBCDIC <input type="checkbox"/> _____		<b>9. LENGTH OF INTER-RECORD GAP (IF KNOWN)</b> <input type="checkbox"/> 3/4 INCH <input type="checkbox"/> _____	
<b>6. NUMBER OF TRACKS (CHANNELS)</b> <input type="checkbox"/> SEVEN <input checked="" type="checkbox"/> NINE <input type="checkbox"/> _____		<b>10. END OF FILE MARK</b> <input type="checkbox"/> OCTAL 17 <input type="checkbox"/> _____	
<b>7. PARITY</b> <input checked="" type="checkbox"/> ODD <input type="checkbox"/> EVEN		<b>R.U. #5 File Type 032                      H. Feder</b> <b>File I.D. FED01, FED02, FED03, FED04, FED05, FED06</b> FED01 Surveyor 11/05/77 - 11/16/77 FED02 Surveyor 03/27/78 - 04/01/78 FED03 Miller Freeman 05/10/78 - 05/16/78 FED04 Miller Freeman 06/07/78 - 06/14/78 FED05 Miller Freeman 07/13/78 - 07/22/78 FED06 Surveyor 08/13/78 - 08/20/78 <i>over</i>	
<b>8. DENSITY</b> <input type="checkbox"/> 200 BPI <input type="checkbox"/> 1600 BPI <input type="checkbox"/> 556 BPI <input checked="" type="checkbox"/> 800 BPI <input type="checkbox"/> _____		<b>12. PHYSICAL BLOCK LENGTH IN BYTES</b> _____ <b>13. LENGTH OF BYTES IN BITS</b> _____	

Lower Cook Inlet

9TRK,800BPI,EBCDIC,NLABEL,ODD PARITY

## D. INSTRUMENT CALIBRATION

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

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

3836T	1	11/30/79	UTL2	REPORT	771101	PAGE	2	
			CC	61	365364325361	365365363362	362364346100	360360360360 360360360360 54N1553224W 00000000
			CC	81	360360360360	360360		000000
CI	7		R	7	360363362306	305304360361	100363360360	360360361100 100100100100 032FED01 300001
			CC	21	100100100100	100100100100	100100100100	100100100100
			CC	61*	100100100100	100100100100	100100100326	343302100100 100100360360 000000 OTB 00
			CC	81*	360360360360	360360		000000
CI	8		R	8	360363362306	305304360361	100365360360	360360361363 362360360360 032FED01 50000132000
			CC	21	360360360360	360100100360	360360360361	360360360360 360360360360 000000 00001000000000
			CC	41	360360360360	360360360360	360360360360	360360360360 00000000000000000000
			CC	81*	360360360360	360360		000000
CI	9		R	9	360363362306	305304360361	100365360360	360360361363 363360363360 032FED01 50000133030
			CC	21	360360360360	360100100360	360360360362	360360360360 360360360360 000000 00002000000000
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CI	10		R	10	360363362306	305304360361	100365360360	360360361364 360360360360 032FED01 50000140000
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			CC	41	360360360360	360360360360	360360360360	360360360360 00000000000000000000
			CC	81*	360360360360	360360		000000

FILE CODE OT FILE # 1 CONTAINED

10 RECCRDS

FUNCTION COMPLETED: DUMPED OT 10 RECORDS.

FDEF I1,GFRC.  
FDEF OT,I8M,ERCDIC,NLAB,F86,CI86.  
FOPT OT,RECCT.  
PROC COPY I1 TO OT 1F. REW OT. DUMP OT 10R.

\*\*\*\*\* 3K ADDITIONAL CORE NEEDED \*\*\*\*\*

FUNCTION REQUESTED: COPY I1 TO OT 1 FILE.  
FILE OT REWOUND

FILE CODE OT FILE # 1 CONTAINED 1770 RECCRDS

FUNCTION COMPLETED: COPIED I1 TO OT 1 FILE.

FUNCTION REQUESTED: DUMP OT 10 RECORDS.

FILE CODE	OT	FILE NUMBER	1	10 RECORDS.
CI	1	R	1	360363362306 305304360361 100361342344 331345350331 342343301343
		CC	21	311326325100 325344324302 305331100362 100305342343 311324301343
		CC	41	305304100345 301323344305 100306326331 100365363363 361367360362
		CC	61	360361100311 342100361360 360360360360 100100100100 100100360361
		CC	81	100100100100 360360
CI	2	R	2	360363362306 305304360361 100361342344 331345350331 342343301343
		CC	21	311326325100 325344324302 305331100367 100343301347 326325100303
		CC	41	326304305342 100364371360 365362371360 361360361153 100364371360
		CC	61	365363363360 370360361153 100100100100 100100100100 100100360362
		CC	81	100100100100 360360
CI	3	R	3	360363362306 305304360361 100361342344 331345350331 365363361370
		CC	21	360362360361 361361153100 365363363363 361367360363 360362100325
		CC	41	326343100303 326344325343 305304100326 331100346305 311307310305
		CC	61	304100100100 100100100100 100100100100 100100100100 100100360363
		CC	81	100100100100 360360
CI	4	R	4	360363362306 305304360361 100361342344 331345350331 342343301343
		CC	21	311326325100 325344324302 305331100361 361100343301 347326325100
		CC	41	303326304305 100363363360 361360360360 360360360100 325326343100
		CC	61	303326344325 343305304100 326331100100 100100100100 100100360364
		CC	81	100100100100 360360
CI	5	R	5	360363362306 305304360361 100361342344 331345350331 346305311307
		CC	21	310305304100 100100100100 100100100100 100100100100 100100100100
		CC	41	100100100100 100100100100 100100100100 100100100100 100100100100
		CC	61	100100100100 100100100100 100100100100 100100100100 100100360365
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## DATA DOCUMENTATION FORM

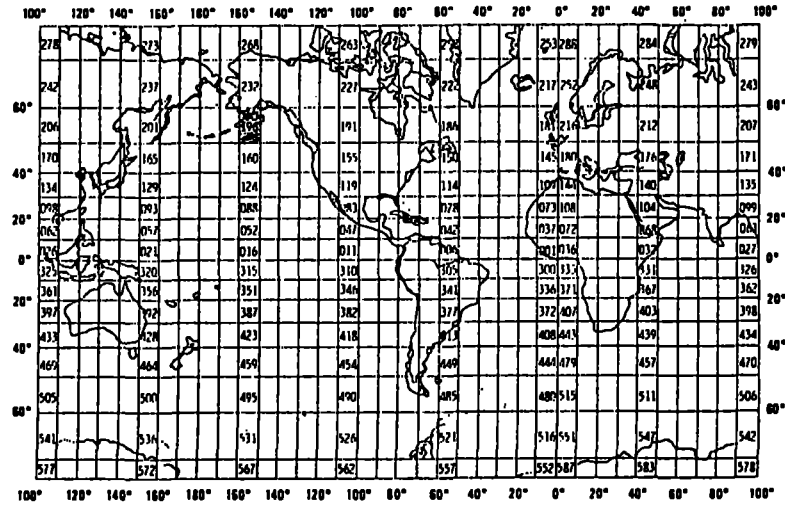
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NOAA FORM 24-13  
(4-72)U.S. DEPARTMENT OF COMMERCE  
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1. NAME AND ADDRESS OF INSTITUTION, LABORATORY, OR ACTIVITY WITH WHICH SUBMITTED DATA ARE ASSOCIATED Howard Feder Institute of Marine Science University of Alaska Fairbanks, Ak 99701			
2. EXPEDITION, PROJECT, OR PROGRAM DURING WHICH DATA WERE COLLECTED  NOAA/OCSEAP R.U. #5		3. CRUISE NUMBER(S) USED BY ORIGINATOR TO IDENTIFY DATA IN THIS SHIPMENT  MILO1	
4. PLATFORM NAME(S)  MILLER FREEMAN	5. PLATFORM TYPE(S) (E.G., SHIP, BUOY, ETC.)  SHIP	6. PLATFORM AND OPERATOR NATIONALITY(IES)  U.S. U.S.	7. DATES FROM: MO, DAY, YR TO: MO, DAY, YR 03/22/78 03/24/78
8. ARE DATA PROPRIETARY? <input type="checkbox"/> NO <input type="checkbox"/> YES  IF YES, WHEN CAN THEY BE RELEASED FOR GENERAL USE? YEAR MONTH		11. PLEASE DARKEN ALL MARSDEN SQUARES IN WHICH ANY DATA CONTAINED IN YOUR SUBMISSION WERE COLLECTED.  GENERAL AREA	
9. ARE DATA DECLARED NATIONAL PROGRAM (DNP)? (I.E., SHOULD THEY BE INCLUDED IN WORLD DATA CENTERS HOLDINGS FOR INTERNATIONAL EXCHANGE?) <input type="checkbox"/> NO <input type="checkbox"/> YES <input type="checkbox"/> PART (SPECIFY BELOW)			
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## DATA DOCUMENTATION FORM

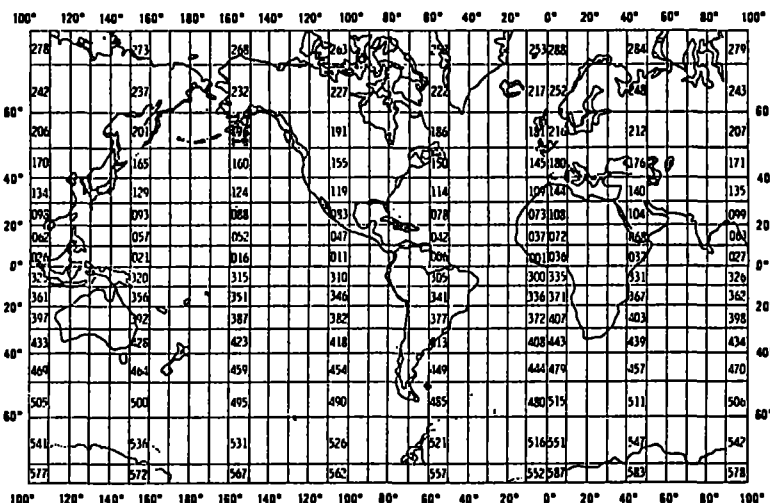
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8. ARE DATA PROPRIETARY? <input type="checkbox"/> NO <input type="checkbox"/> YES  IF YES, WHEN CAN THEY BE RELEASED FOR GENERAL USE? YEAR _____ MONTH _____		11. PLEASE DARKEN ALL MARSDEN SQUARES IN WHICH ANY DATA CONTAINED IN YOUR SUBMISSION WERE COLLECTED.  GENERAL AREA 	
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## DATA DOCUMENTATION FORM

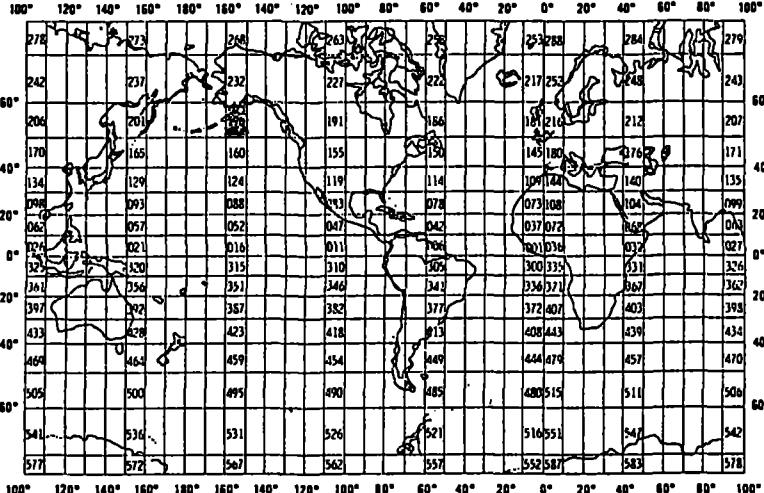
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NOAA FORM 24-13  
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8. ARE DATA PROPRIETARY? <input type="checkbox"/> NO <input type="checkbox"/> YES IF YES, WHEN CAN THEY BE RELEASED FOR GENERAL USE? YEAR MONTH		11. PLEASE DARKEN ALL MARSDEN SQUARES IN WHICH ANY DATA CONTAINED IN YOUR SUBMISSION WERE COLLECTED. GENERAL AREA 	
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## DATA DOCUMENTATION FORM

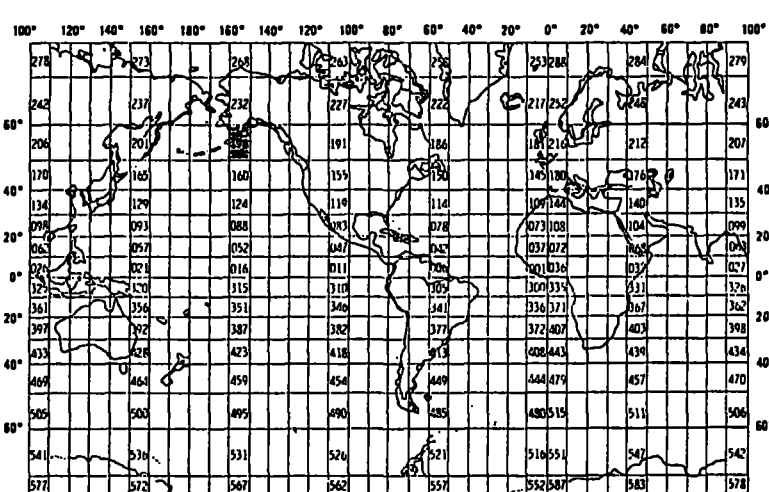
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9. ARE DATA DECLARED NATIONAL PROGRAM (ONP)? (I.E., SHOULD THEY BE INCLUDED IN WORLD DATA CENTERS HOLDINGS FOR INTERNATIONAL EXCHANGE?) <input type="checkbox"/> NO <input type="checkbox"/> YES <input type="checkbox"/> PART (SPECIFY BELOW)			
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## DATA DOCUMENTATION FORM

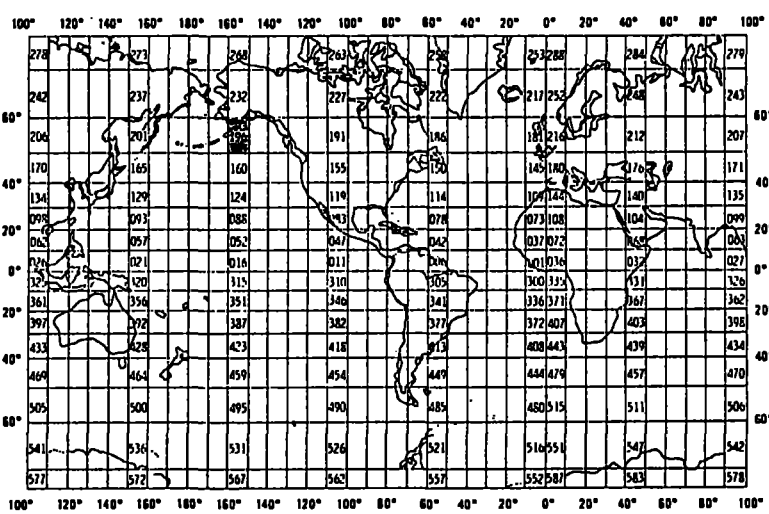
NOAA FORM 24-13  
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NATIONAL OCEANOGRAPHIC DATA CENTER  
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TR 5748

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		U.S.	U.S. 06/09/78 06/13/78
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9. ARE DATA DECLARED NATIONAL PROGRAM (DNP)? (I.E., SHOULD THEY BE INCLUDED IN WORLD DATA CENTERS HOLDINGS FOR INTERNATIONAL EXCHANGE?)  <input type="checkbox"/> NO <input type="checkbox"/> YES <input type="checkbox"/> PART (SPECIFY BELOW)			
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## DATA DOCUMENTATION FORM

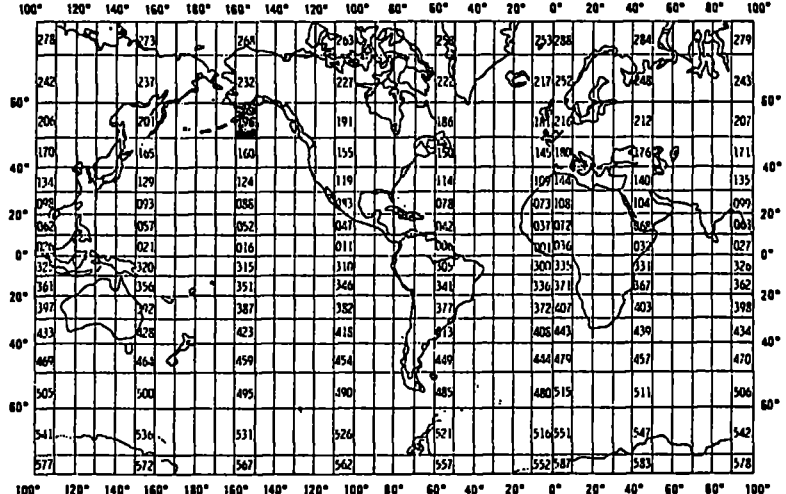
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NOAA FORM 24-13  
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PLATFORM	OPERATOR						
U.S.	U.S.						
		7. DATES <table border="1"><thead><tr><th>FROM: MO, DAY, YR</th><th>TO: MO, DAY, YR</th></tr></thead><tbody><tr><td>07/09/78</td><td>07/13/78</td></tr></tbody></table>		FROM: MO, DAY, YR	TO: MO, DAY, YR	07/09/78	07/13/78
FROM: MO, DAY, YR	TO: MO, DAY, YR						
07/09/78	07/13/78						
8. ARE DATA PROPRIETARY? <input type="checkbox"/> NO <input type="checkbox"/> YES  IF YES, WHEN CAN THEY BE RELEASED FOR GENERAL USE? YEAR ____ MONTH ____		11. PLEASE DARKEN ALL MARSDEN SQUARES IN WHICH ANY DATA CONTAINED IN YOUR SUBMISSION WERE COLLECTED.  GENERAL AREA 					
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# DATA DOCUMENTATION FORM

TR 5750

NOAA FORM 24-13  
(4-72)

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2. EXPEDITION, PROJECT, OR PROGRAM DURING WHICH DATA WERE COLLECTED  NOAA/OCSEAP R.U. #5		3. CRUISE NUMBER(S) USED BY ORIGINATOR TO IDENTIFY DATA IN THIS SHIPMENT  IZ878	
4. PLATFORM NAME(S)  COMMANDO	5. PLATFORM TYPE(S) (E.G., SHIP, BUOY, ETC.)  SHIP	6. PLATFORM AND OPERATOR NATIONALITY(IES)  U.S. U.S.	
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8. ARE DATA PROPRIETARY? <input type="checkbox"/> NO <input type="checkbox"/> YES  IF YES, WHEN CAN THEY BE RELEASED FOR GENERAL USE? YEAR MONTH		11. PLEASE DARKEN ALL MARSDEN SQUARES IN WHICH ANY DATA CONTAINED IN YOUR SUBMISSION WERE COLLECTED.  GENERAL AREA	
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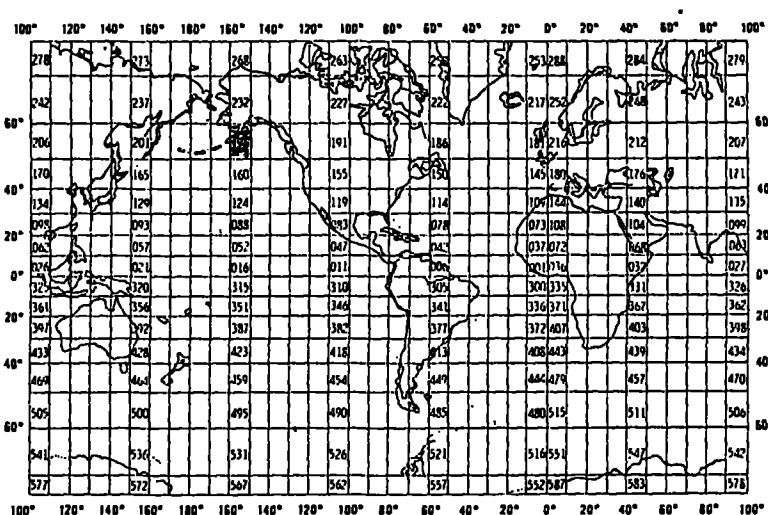
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NOAA FORM 24-13  
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8. ARE DATA PROPRIETARY? <input type="checkbox"/> NO <input type="checkbox"/> YES  IF YES, WHEN CAN THEY BE RELEASED FOR GENERAL USE? YEAR _____ MONTH _____		11. PLEASE DARKEN ALL MARSDEN SQUARES IN WHICH ANY DATA CONTAINED IN YOUR SUBMISSION WERE COLLECTED.  GENERAL AREA	
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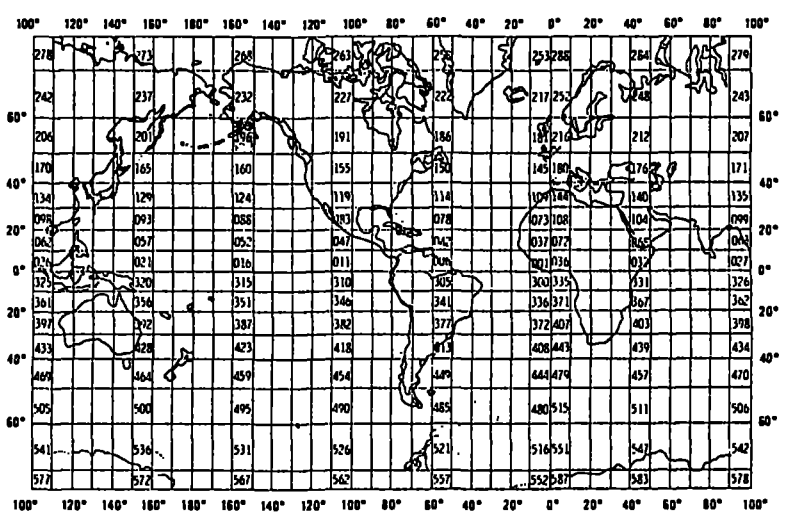
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4. PLATFORM NAME(S)  COMMANDO	5. PLATFORM TYPE(S) (E.G., SHIP, BUOY, ETC.)  SHIP	6. PLATFORM AND OPERATOR NATIONALITY(IES) <table border="1"><thead><tr><th>PLATFORM</th><th>OPERATOR</th></tr></thead><tbody><tr><td>U.S.</td><td>U.S.</td></tr></tbody></table>	PLATFORM	OPERATOR	U.S.	U.S.	7. DATES <table border="1"><thead><tr><th>FROM: MO/DAY/YR</th><th>TO: MO/DAY/YR</th></tr></thead><tbody><tr><td>04/19/78</td><td>04/21/78</td></tr></tbody></table>	FROM: MO/DAY/YR	TO: MO/DAY/YR	04/19/78	04/21/78
PLATFORM	OPERATOR										
U.S.	U.S.										
FROM: MO/DAY/YR	TO: MO/DAY/YR										
04/19/78	04/21/78										
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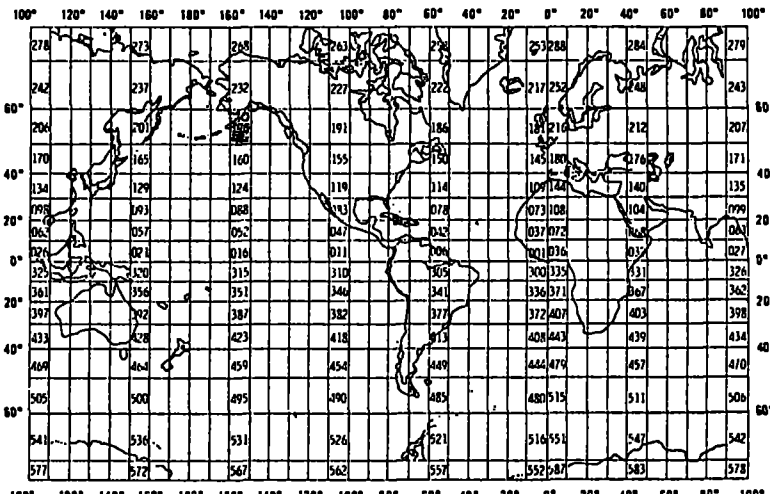
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NATIONAL OCEANOGRAPHIC DATA CENTER  
RECORDS SECTION  
ROCKVILLE, MARYLAND 20852FORM APPROVED  
O.M.B. No. 41-R2651

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 Howard Feder Institute of Marine Science University of Alaska Fairbanks, Ak 99701			
2. EXPEDITION, PROJECT, OR PROGRAM DURING WHICH DATA WERE COLLECTED  NOAA/OCSEAP R.U. #5		3. CRUISE NUMBER(S) USED BY ORIGINATOR TO IDENTIFY DATA IN THIS SHIPMENT  KL678	
4. PLATFORM NAME(S)  COMMANDO	5. PLATFORM TYPE(S) (E.G., SHIP, BUOY, ETC.)  SHIP	6. PLATFORM AND OPERATOR NATIONALITY(IES)  U.S.      U.S.	7. DATES FROM: MO/DAY/YR TO: MO/DAY/YR 06/18/78      06/23/78
8. ARE DATA PROPRIETARY? <input type="checkbox"/> NO <input type="checkbox"/> YES  IF YES, WHEN CAN THEY BE RELEASED FOR GENERAL USE? YEAR _____ MONTH _____		11. PLEASE DARKEN ALL MARSDEN SQUARES IN WHICH ANY DATA CONTAINED IN YOUR SUBMISSION WERE COLLECTED.  GENERAL AREA 	
9. ARE DATA DECLARED NATIONAL PROGRAM (DNP)? (I.E., SHOULD THEY BE INCLUDED IN WORLD DATA CENTERS HOLDINGS FOR INTERNATIONAL EXCHANGE?) <input 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) Raymond S. Hadley (907) 479-7086 Howard Feder (907) 479-7841 Alaska Sea Grant Program University of Alaska Fairbanks, Ak 99701			

## DATA DOCUMENTATION FORM

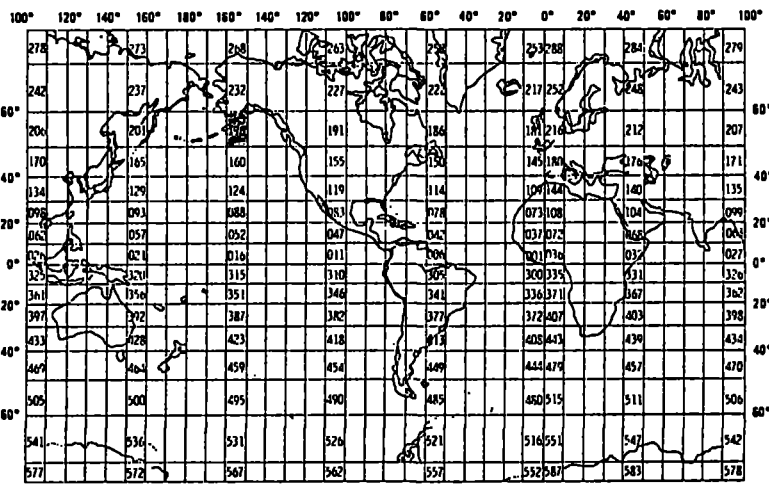
NOAA FORM 24-13  
(4-72)U.S. DEPARTMENT OF COMMERCE  
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION  
NATIONAL OCEANOGRAPHIC DATA CENTER  
RECORDS SECTION  
ROCKVILLE, MARYLAND 20852FORM APPROVED  
O.M.B. No. 41-R2651

TR 5754

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  NOAA/OCSEAP R.U. #5		3. CRUISE NUMBER(S) USED BY ORIGINATOR TO IDENTIFY DATA IN THIS SHIPMENT  KL778									
4. PLATFORM NAME(S)  COMMANDO	5. PLATFORM TYPE(S) (E.G., SHIP, BUOY, ETC.)  SHIP	6. PLATFORM AND OPERATOR NATIONALITY(IES) <table border="1"><thead><tr><th>PLATFORM</th><th>OPERATOR</th></tr></thead><tbody><tr><td>U.S.</td><td>U.S.</td></tr></tbody></table>	PLATFORM	OPERATOR	U.S.	U.S.	7. DATES <table border="1"><thead><tr><th>FROM: MO/DAY/YR</th><th>TO: MO/DAY/YR</th></tr></thead><tbody><tr><td>07/18/78</td><td>07/21/78</td></tr></tbody></table>	FROM: MO/DAY/YR	TO: MO/DAY/YR	07/18/78	07/21/78
PLATFORM	OPERATOR										
U.S.	U.S.										
FROM: MO/DAY/YR	TO: MO/DAY/YR										
07/18/78	07/21/78										
8. ARE DATA PROPRIETARY? <input type="checkbox"/> NO <input type="checkbox"/> YES  IF YES, WHEN CAN THEY BE RELEASED FOR GENERAL USE? YEAR _____ MONTH _____		11. PLEASE DARKEN ALL MARSDEN SQUARES IN WHICH ANY DATA CONTAINED IN YOUR SUBMISSION WERE COLLECTED.  GENERAL AREA 									
9. ARE DATA DECLARED NATIONAL PROGRAM (DNP)? (I.E., SHOULD THEY BE INCLUDED IN WORLD DATA CENTERS HOLDINGS FOR INTERNATIONAL EXCHANGE?) <input 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) Raymond S. Hadley (907) 479-7086 Howard Feder (907) 479-7841 Alaska Sea Grant Program University of Alaska Fairbanks, Ak 99701											



## DATA DOCUMENTATION FORM

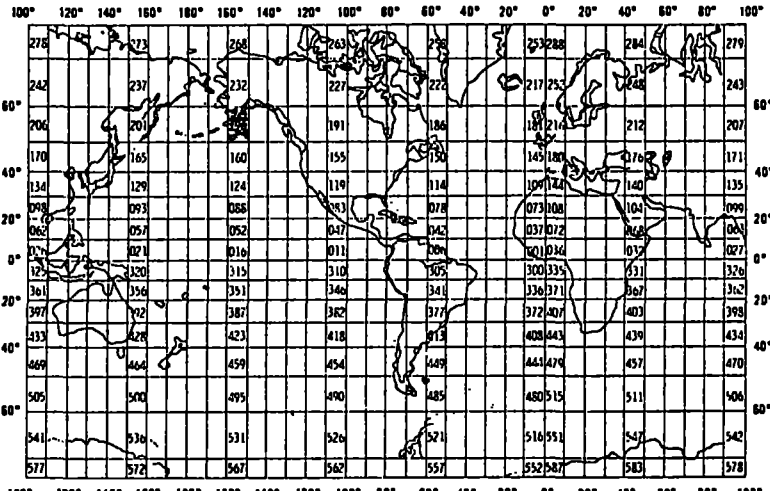
TR 5755

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-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.

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2. EXPEDITION, PROJECT, OR PROGRAM DURING WHICH DATA WERE COLLECTED  NOAA/OCSEAP R.U. #5		3. CRUISE NUMBER(S) USED BY ORIGINATOR TO IDENTIFY DATA IN THIS SHIPMENT  KL878	
4. PLATFORM NAME(S)  COMMANDO	5. PLATFORM TYPE(S) (E.G., SHIP, BUOY, ETC.)  SHIP	6. PLATFORM AND OPERATOR NATIONALITY(IES)  U.S.      U.S.	7. DATES FROM: MO/DAY/YR TO: MO/DAY/YR 08/19/78      08/22/78
8. ARE DATA PROPRIETARY? <input type="checkbox"/> NO <input type="checkbox"/> YES  IF YES, WHEN CAN THEY BE RELEASED FOR GENERAL USE? YEAR _____ MONTH _____		11. PLEASE DARKEN ALL MARSDEN SQUARES IN WHICH ANY DATA CONTAINED IN YOUR SUBMISSION WERE COLLECTED.  GENERAL AREA 	
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## DATA DOCUMENTATION FORM

TR 5756

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-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

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1. NAME AND ADDRESS OF INSTITUTION, LABORATORY, OR ACTIVITY WITH WHICH SUBMITTED DATA ARE ASSOCIATED			
Howard Feder Institute of Marine Science University of Alaska Fairbanks, Ak 99701			
2. EXPEDITION, PROJECT, OR PROGRAM DURING WHICH DATA WERE COLLECTED		3. CRUISE NUMBER(S) USED BY ORIGINATOR TO IDENTIFY DATA IN THIS SHIPMENT	
NOAA/OCSEAP R.U. #5		KL1178	
4. PLATFORM NAME(S)	5. PLATFORM TYPE(S) (E.G., SHIP, BUOY, ETC.)	6. PLATFORM AND OPERATOR NATIONALITY(IES)	7. DATES
COMMANDO	SHIP	PLATFORM OPERATOR	FROM: MO, DAY, YR TO: MO, DAY, YR
		U.S. U.S.	11/14/78 11/16/78
8. ARE DATA PROPRIETARY? <input 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.	
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# 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
Equipment Code	Code			
Station Number	Number			
Species Code	Code			
Number of Individuals	Number			
Species Total Weight	Grams to Thousands			
Qualitative Code	Code			

# RECORD FORMAT DESCRIPTION

RECORD NAME \_\_\_\_\_

14. FIELD NAME	15. POSITION FROM - 1 MEASURED IN (e.g., bits, bytes)	16. LENGTH		17. ATTRIBUTES	18. USE AND MEANING
		NUMBER	UNITS		
As Per File Type	032				4/17/78
	With Following Additions				
Equipment Code	72	3	Bytes	A3	Add Following Code TRY = Try-net

## 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 Type 032  
Record Type 1,2,3,5

2. GIVE BRIEF DESCRIPTION OF FILE ORGANIZATION

Record Type 1 Header Information  
2 Per Station  
3 Per Station  
5 Per Sample Per Station

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 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 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>R.U. #5 File Type 032 H. Feder</p> <p>File I.D. MIL01,MIL02,IZ478,IZ578,IZ678,IZ778</p> <p>IZ878,IZ1178,KL478,KL678,KL778,KL878</p> <p>KL1178</p> <p>MIL01 Miller Freeman 03/22/78 - 03/24/78</p> <p>MIL02 Miller Freeman 06/22/78 - 07/09/78</p> <p>IZ478 Commando 04/11/78 - 04/15/78</p> <p>IZ578 Commando 05/11/78 - 05/14/78</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 <i>00007</i></p> <p>13. LENGTH OF BYTES IN BITS</p>

IZ678	Commando	06/09/78 - 06/13/78
IZ778	Commando	07/09/78 - 07/13/78
IZ878	Commando	08/09/78 - 08/12/78
IZ1178	Commando	11/06/78 - 11/07/78
KL478	Commando	04/19/78 - 04/21/78
KL678	Commando	06/18/78 - 06/23/78
KL778	Commando	07/18/78 - 07/21/78
KL878	Commando	08/19/78 - 08/22/78
KL1178	Commando	11/14/78 - 11/16/78

Kodiak Shelf

9TRK, 800BPI, EBCDIC, NLABEL, ODD PARITY

## D. INSTRUMENT CALIBRATION

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

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

FDEF I1,GFRC.  
FDEF OT,IBM,EBCDIC,NLA3,F86,CI86.  
FOPT OT,RECCT.  
PROC COPY I1 TO OT 1F. REW OT. DUMP OT 10R.

\*\*\*\*\* 3K ADDITIONAL CORE NEEDED \*\*\*\*\*

FUNCTION REQUESTED: COPY I1 TO OT 1 FILE.  
FILE OT REWOUND

FILE CODE OT FILE # 1 CONTAINED 1633 RECCRDS

FUNCTION COMPLETED: COPIED I1 TO OT 1 FILE.

FUNCTION REQUESTED: DUMP OT 10 RECORDS.

FILE CODE OT FILE NUMBER 1

CI	1	R	1	360363362324	311323360361	100361324306	331305324325	100100100100
		CC	21	100100100100	100100100100	100100100100	100100100100	100100100100
		CC	61*	100100100100	100100100100	100100100100	100100100100	100100360361
		CC	81*	100100100100	360360			
CI	2	R	2	360363362324	311323360361	100362360360	360360361360	361360364367
		CC	21	370360363362	362360365362	365367365370	363366325361	365361364360
		CC	41	364370346360	361361365100	100100100100	100100100100	365367365367
		CC	61	361370325361	365361364362	362364346100	100100100100	100100100100
		CC	81	100100100100	360360			
CI	3	R	3	360363362324	311323360361	100363360360	360360361100	100100100100
		CC	21	100100100100	100100100100	100100100100	100100100100	100100100100
		CC	61*	100100100100	100100100100	100100100326	343302100100	100100100100
		CC	81*	100100100100	360360			
CI	4	R	4	360363362324	311323360361	100365360360	360360361364	370360361360
		CC	21	361360360360	360100100360	360360360366	360360360360	360360362360
		CC	41	360360100100	100100100100	100100100100	100100100100	100100100100
		CC	61	100100100100	100100100100	100100100100	100100100100	100100100100
		CC	81	100100100100	360360			
CI	5	R	5	360363362324	311323360361	100365360360	360360361364	370360361362
		CC	21	363360360360	360100100360	360360360362	360360360360	360360364360
		CC	41	360360100100	100100100100	100100100100	100100100100	100100100100
		CC	61	100100100100	100100100100	100100100100	100100100100	100100100100
		CC	81	100100100100	360360			
CI	6	R	6	360363362324	311323360361	100365360360	360360361364	371360364360
		CC	21	370360364360	361100100360	360360360363	360360360361	366365370360
		CC	41	360360100100	100100100100	100100100100	100100100100	100100100100
		CC	61	100100100100	100100100100	100100100100	100100100100	100100100100
		CC	81	100100100100	360360			

032MIL01 1MFREMN

00 01

032MIL01 20000101047  
80322052575836N15140  
48W0115 5757  
18N1514224W

00

032MIL01 300001

00 CTS

032MIL01 50000148010  
10000 0000600000020  
00

00

032MIL01 50000148012  
30000 0000200000040  
00

00

032MIL01 50000149040  
80401 0000300016580  
00

00



3838T	1	11/30/79	UTL2	REPORT	771101	PAGE	2	
CI	7	R	7	360363362324	311323360361	100365360360	360360361364	371360367361
		CC	21	362360362360	360100100360	360360360361	360360360367	367361361360
		CC	41	360360100100	100100100100	100100100100	100100100100	100100100100
		CC	61	100100100100	100100100100	100100100100	100100100100	100100100100
		CC	81	100100100100	360360			
								00
CI	8	R	8	360363362324	311323360361	100365360360	360360361365	363363363360
		CC	21	364360361360	361100100360	360360360361	360360360360	360360366360
		CC	41	360360100100	100100100100	100100100100	100100100100	100100100100
		CC	61	100100100100	100100100100	100100100100	100100100100	100100100100
		CC	81	100100100100	360360			
								00
CI	9	R	9	360363362324	311323360361	100365360360	360360361365	363363363361
		CC	21	361360362360	362100100360	360360360370	360360360360	364370367360
		CC	41	360360100100	100100100100	100100100100	100100100100	100100100100
		CC	61	100100100100	100100100100	100100100100	100100100100	100100100100
		CC	81	100100100100	360360			
								00
CI	10	R	10	360363362324	311323360361	100365360360	360360361365	363363363361
		CC	21	362360367360	361100100360	360360360362	360360360366	365363360360
		CC	41	360360100100	100100100100	100100100100	100100100100	100100100100
		CC	61	100100100100	100100100100	100100100100	100100100100	100100100100
		CC	81	100100100100	360360			
								00

FILE CODE OT FILE # 1 CONTAINED 10 RECCRDS

FUNCTION COMPLETED: DUMPED OT 10 RECCRDS.

## TRANSMITTAL AND RECEIPT RECORD

(Please sign and return carbon copy acknowledging receipt)

TO: John J. Audet, Jr.  
NODC, Page Building #1  
2001 Wisconsin, N.W.  
Washington, D.C. 20235

REFER TO

D781x5-80-93

ATTENTION

Jim Audet

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

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

Please find enclosed the following:

1. One nine-track tape containing nineteen data sets of file type 032 data from Howard Feder. The data sets are:

FED01-TR5738

MIL01-TR5744

IZ878-TR5750

FED02-TR5739

MIL02-TR5745

IZ1178-TR5751

FED03-TR5740

IZ478-TR5746

KL478-TR5752

FED04-TR5741

IZ578-TR5747

KL678-TR5753

FED05-TR5742

IZ678-TR5748

KL778-TR5754

FED06-TR5743

IZ778-TR5749

KL878-TR5755

KL1178-TR5756

2. One set of DDF's pertaining to the above listed data sets
3. One set of final data check runs for the above listed data sets

The tape has the following characteristics:

9 track  
1600 BPI  
EBCDIC  
Non-labeled.ODD parity  
Record length - 86  
Block Length - 50

FORWARDED BY (Signature)

Del Ard via Mike Crane

TITLE

DP Assistant

DATE FORWARDED

8-10-80

# N O D C F I L E T Y P E C O D E S

80/05/01

THE FOLLOWING CODES ARE USED IN FILE TYPE 032

NUMBER	NAME
0012	QUALITATIVE
0185	EQUIPMENT
0500	LAT HEMISPHERE
0501	LON HEMISPHERE

# N O D C F I L E T Y P E C O D E S

80/05/02

THE FOLLOWING CODES ARE USED IN FILE TYPE 032

## 0012 QUALITATIVE

- 1 -- ORGANISM PRESENT IN THE SAMPLE, BUT NOT COUNTED
- 2 -- FRAGMENTS OF AN ORGANISM, BUT NO WHOLE ORGANISM - *NOT COUNTED*
- 3 -- COLONIAL ORGANISMS THAT CAN NOT BE INDIVIDUALLY COUNTED
- 4 -- TOO SMALL TO WEIGH: ORGANISM WEIGHS < 1/1000 GRAM
- 5 -- ENCRUSTED: IMPOSSIBLE TO WEIGH ORGANISM AS IT IS ENCRUSTED ON SUBSTRATE
- 6 -- " " " *WEIGHT OR COUNT* " " "

## 0135 EQUIPMENT

- AGT -- AGASSIZ TRAWL
- BMT -- BEAM TRAWL
- CCD -- CLAM DREDGE
- CLU -- CLUTTER NET
- DRI -- DRIFT NET
- DRO -- DROP NET
- DSC -- DEEP SEA CAMERA
- FAB -- FABER NET
- GMB -- 1/10 METER SQ. BOX CORE
- MCB -- MULTIPLE CORE
- OTE -- OTTER TRAWL
- PPD -- PIPE DREDGE
- QMB -- 1/4 METER SQ. BOX CORE
- SMG -- SMITH-MACINTYRE GRAB
- TRY -- TRY-NET
- VVG -- VAN VEEN GRAB

*7 - om6*

## 0500 LAT HEMISPHERE

- N -- NORTH
- S -- SOUTH

## 0501 LON HEMISPHERE

- E -- EAST
- W -- WEST

FILE TYPE 032 - BENTHIC ORGANISMS - 2/11/77 VERSION

NOTES AND CORRECTIONS

THIS FORMAT IS DESIGNED TO SUPPORT STUDIES CONCERNING THE IMPACT OF OCS PETROLEUM DEVELOPMENT ON EXISTING BIOLOGICAL POPULATIONS. INFORMATION ON DISTRIBUTION, ABUNDANCE, DIVERSITY AND PRODUCTIVITY OF THE BENTHIC COMMUNITY CAN BE DERIVED FROM PARAMETERS IN THIS FORMAT.

THE FORMAT CONSISTS OF FIVE RECORDS FOR RECORDING CRUISE AND STATION INFORMATION, POSITION, TIME AND DATE, CHARACTERISTICS OF THE SEDIMENT AT EACH SAMPLING SITE, SAMPLING GEAR INFORMATION, ENVIRONMENTAL INFORMATION ON THE SAMPLE AREA AND DATA FOR EACH SPECIES INCLUDING NUMBER OF INDIVIDUALS AND TOTAL WEIGHT. DATA CAN BE REPORTED FOR SEPARATE SEGMENTS OF A SAMPLE. A TEXT RECORD ALSO IS AVAILABLE.

ALL RECORDS IN THIS FORMAT ARE 86 COLUMNS IN LENGTH. THIS FILE IS SORTED BY STATION NUMBER, SEGMENT SEQUENCE NUMBER, RECORD TYPE AND TEXT SEQUENCE NUMBER TO OBTAIN THE PROPER RECORD SEQUENCE.

PARAMETER	DESCRIPTION	SC
HEADER RECORD	ALWAYS '1'	10
SHIP NAME	SIX-CHARACTER FIELD FOR VESSEL NAME ASSIGNED BY THE ORIGINATOR	11
TEXT	62-CHARACTER FIELD FOR COMMENTS OR PERTINENT INFORMATION	17
SEQUENCE NUMBER	XX - USED TO SORT TEXT RECORDS	79
BLANKS		81
STATION HEADER RECORD	ALWAYS '2'	10
STATION NUMBER	XXXXX - FIVE-DIGIT FIELD ASSIGNED BY THE ORIGINATOR - ALSO INCLUDED ON RECORDS 3, 5 AND 6	11
START DEPTH	XXXX (WHOLE METERS)	16
START DATE (GMT)	YYMMDD	20
START TIME (GMT)	XXX (HOURS TO TENTHS)	26
START LATITUDE	DDMMSS PLUS HEMISPHERE 'N' OR 'S'	29
START LONGITUDE	DDMMSS PLUS HEMISPHERE 'E' OR 'W'	36
END DEPTH	XXXX (WHOLE METERS)	44
END DATE (GMT)	YYMMDD	48
END TIME (GMT)	XXX (HOURS)	54
END LATITUDE	DDMMSS PLUS HEMISPHERE 'N' OR 'S'	57
END LONGITUDE	DDMMSS PLUS HEMISPHERE 'E' OR 'W'	64
DISTANCE OFFSHORE	XXX (WHOLE KILOMETERS)	72
TOW DIRECTION	XXX - DIRECTION TOWARD - WHOLE DEGREES	75
BLANKS		78
SEGMENT DETAIL RECORD	ALWAYS '3'	10
STATION NUMBER	SEE RECORD '2'	11
SAMPLE SEGMENT START DEPTH	XX - START DEPTH OF SEGMENT WITHIN SAMPLE - (WHOLE CENTIMETERS)	16
SAMPLE SEGMENT END DEPTH	XX - END DEPTH OF SEGMENT WITHIN SAMPLE WHOLE CENTIMETERS	18
PENETRATION DEPTH	XXX - CORE PENETRATION IN MILLIMETERS	20
AREA SAMPLED	XXXXXXX (SQ METERS TO THOUSANDTHS)	23
BOTTOM SALINITY	XXXXX - PARTS PER THOUSAND TO THOUSANDTHS	30
BOTTOM TEMPERATURE	XXXX NEGATIVE TEMPERATURES ARE PRECEDED BY A MINUS SIGN ADJACENT TO TEMPERATURE VALUE - DEG C TO HUNDREDTHS	35
BOTTOM OXYGEN	XXX - MILLILITERS PER LITER (TO TENTHS)	39
SEDIMENT ORGANIC CARBON	XXXX - PERCENT BY WEIGHT (TO HUNDREDTHS)	42
SEDIMENT TOTAL CARBON	XXXX - PERCENT BY WEIGHT (TO HUNDREDTHS)	46
SAND	XXX - PERCENT BY VOLUME (TO TENTHS)	50
SILT	XXX - PERCENT BY VOLUME (TO TENTHS)	53
CLAY	XXX - PERCENT BY VOLUME (TO TENTHS)	56
MINIMUM SIEVE SIZE	XXXX - MILLIMETERS TO HUNDREDTHS	59

WIRE LENGTH	XXXX	63
WIRE ANGLE	XX - IN WHOLE DEGREES FROM THE VERTICAL	67
AVERAGE PHI SIZE	XXX - AVERAGE PHI SIZE OF SEDIMENT	69
EQUIPMENT	THREE-CHARACTER CODE - USE CODE 0185	72
SAMPLE NUMBER	XXXX - SAMPLE NUMBER ASSIGNED BY THE ORIGINATOR	75
SEGMENT SEQUENCE	XX - SEQUENTIAL NUMBER INDICATING AN INDIVIDUAL SEGMENT OF A SAMPLE. THE NUMBERS SHOULD BE CONSECUTIVE (01,02,03,ETC)	79
SAMPLE VOLUME	XXXX - LITERS TO TENTHS	81
NUMBER OF GRABS	XX - TOTAL NUMBER OF GRABS MAKING UP SAMPLE VOLUME	85
SPECIES RECORD	ALWAYS '5'	10
STATION NUMBER	SEE RECORD '2'	11
SPECIES CODE	TEN-CHARACTER CODE - USE NODC TAXONOMIC CODES	16
SUBSPECIES CODE	TWO-CHARACTER CODE - USE NODC TAXONOMIC CODES	26
NUMBER OF INDIVIDUALS	XXXXX - TOTAL NUMBER OF INDIVIDUALS PER SPECIES	28
SPECIES TOTAL WEIGHT	XXXXXXXXXX (GRAMS TO THOUSANDTHS)	33
QUALITATIVE CODE	ONE-CHARACTER CODE - USE CODE 0012	43
BLANKS		44
SEGMENT SEQUENCE NUMBER	XX - THE NUMBER CORRESPONDS TO THE SAMPLE SEQUENCE NUMBER IN WHICH THE SEGMENT IS FOUND. FOR EXAMPLE, WHEN RECORD 3 HAS A SEGMENT OF 06, ALL RECORD 5'S ASSOCIATED WILL HAVE SEGMENT SEQUENCE NUMBER OF 06	79
BLANKS		81
TEXT RECORD	ALWAYS '6'	10
STATION NUMBER	SEE RECORD '2'	11
TEXT SEQUENCE NUMBER	XXX - NUMERICALLY ASCENDING WITHIN A SEGMENT SEQUENCE NUMBER	16
TEXT	65-CHARACTER FIELD FOR COMMENTS OR PERTINENT INFORMATION	19
SEGMENT SEQUENCE NUMBER*	XX	79
*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 PERTAINS TO 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 RECORDS		
BLANKS		81

To: Mike (via May H)  
cc: Bob Stone (via May H)

5738

Your FTP 832 datasets

From Corne

Submission for Feder (FED01, etc)  
(NODC tank: 5738-56)

For entries w/ number indiv entered but w/o field

zero-filled - <sup>we</sup> will delete zero filled if <sup>not = code 4/5</sup> too small to count or encrypted

For entries w/ count / wt. = 0 appears just some <sup>extra</sup> data sets

TR 5738

Ex - Sta 7 - 5103780101 could or should have qualitative

" 5105050801 code = 1, 2, 3 ?

6134 020111 organ present but not counted etc.

~~6187010502~~

Sta 11 3701

5739 - All ~~the~~ zero wts - no zero counts

5740

" "

5741

Sta 2 617916 - Chy count card which indicates ~~533305~~ 533305 (Hippolytidae)

5741 Sta 23 36 (Porifera) - code indicates fragments

Two used of Qual code '1' for Sta. 15 & 16 look ok - no counts (6.81 + 2.00 kg)

with ~~wt~~ = 30 kg possibly a data shift? only one of 3 codes used. Other values as high as 96 kg.

5742 ~~First~~ Uses of qualitative codes (11 of 35 sta) (orders for 3, 3, 3, 3, 3)

Sta 4, 10 (Tax code 81) looks OK. code 1/2 no count reported

14 (Tax 36) 9 - (Tax 78) impossible to weigh but weight reported?

15 (Tax 36) 10 (Tax 78) (150 gms)

15 (Tax 78)

21 "

24 "

~~26~~ 27

Suggest divide wt / count for

reasonable wt. per organism when dividing by or into 0 (or blank) - Qual. code should probably be noted



TR 5743

Two code 1 used - look ok - no counts reported,

TR 5744

Sta 6 - Code 5 used but ~~no count~~ weight entered, ?

May be a ~~Probably a need for a code of 6 to~~  
~~indicate encrusted - impossible to weigh or count.~~

although I didn't see any particular  
place where this was needed.

Sta 11 - ~~probably~~ OK

TR 5745

Weight ~~several~~ Values quite high <sup>but</sup> ~~but possible~~

Ex. 144.000gms, 151, 923.1 grams (223 count) ?  
238,700 grams (227 <sup>count of</sup>)

Count codes of 1 & 2 look OK

TR 5746

All count codes of 1/2 have ~~zero~~ zero counts -

look OK. ~~18~~ (at 8 samples of 91 samples)

~~TR 5747~~

TR 5747 - No Qual. codes - no zero filled noted.

TR 5748 -

Hour entries missing - no real problem

Sta 17 & 20 - <sup>high</sup> ~~high~~ weights ~~high~~ noted -

probably OK as numbers of indiv. also high

TR 5749 -

use of codes 1 & 2 look OK (count ~~zero~~ filled)

Sta 17 (tax 78 code 5 - encrusted

but weight of 100 grams entered ?

TR 5750

- Several high weights noted (Sta 5 & 10) but  
counts also high (170 and 30,000).

Several hour values missing.

TR5751 - Sta 4 - one high <sup>weight</sup> value - probably OK.

TR5752 - Sta 15 & 19 - use of 3 codes (1+2) look OK.  
no counts entered.

TR5753 - Sta 32 high <sup>wt.</sup> value and several missing hour entries

TR5754 - Sta 22 & 26 - use of 3 codes (1+2) look OK  
no counts entered.

TR5755 - Sta 23 - high wt value (250,000 gms) but also  
high count 50,000 <sup>pub.</sup> OK? (Pandolus)  
On missing hour entry - (Sta 22) and two ~~low~~  
zero weight entries without code (Sta 23)

TR5756 Sta 20 - one high wt value - but also high  
count value 115,050 grams - 20,800 indiv  
(Pandolus Borealis)

~~Five~~ Four

~~Serial~~ Tax. codes not found - assume (!) these have been  
marked out of Many It.

3734010101

5105010903

3734020201

5502040515

56  
5738  
18

\* Need ~~Micrographs~~ <sup>needed for</sup> for Kent - have  
not rec'd yet - <sup>needed for</sup> breeding in early Feb.  
do you have a mailing date? looking for low packages of vireos

NC: Dean

CONFERR

Wilco

Have finally returned to a FTR 032

problem that we dismissed back in Oct-<sup>or</sup>Nov.

It concerns the <sup>Feder</sup> data rec'd for you (TR 5738-52)

(FEDOI, etc) or TR )

As you may recall, a number of records were noted during our check runs as zero-filled in the weight and/or count fields. The solution that I

Think we agreed to was to add a new code to the Qualitative code (code 12) to indicate organism present but not weighed <sup>or counted</sup> (or something like that. We would then add that code to col. 43/row 5 where necessary and delete the zero-filled fields using <sup>the</sup> existing ~~the~~ codes as a guide (i.e. 1 = organism present but not counted)

Any enlightenment you can provide in this will be appreciated. The folder is still on my desk. Sid should be working

2/2/81

Bob -

Vin - Sid R

I talked w/ Crane on the 'zero-filled' entries and questionable codes (e.g. '5' = impossible to weigh but weight reported).

The source of the info. for clearing these questions up is no longer at Univ. Alaska.

Mike said to go ahead and delete any zero-filled fields in <sup>(1)</sup>counts and <sup>(2)</sup>weights and let the codes 'as is'.

Mary said the taxonomic codes are OK so these data are ready for final processing.

P.S. - Mike is going to initiate a check of the average weight per critter (as I suggested in my CONFED message) for ~~future~~ future data submissions in FTP 032.

Jim A.

DATA SET FILE SHEET

Accession No. 80-0164

Step Operations	Completion Date	Init.	Tape No.	No. of Files	BLKSIZE	LRECL
Originator Tape No.	10/2/80	R	FEDER	1	4300	86
QUADI Duplicate Tape #	10/6/80	RG	DMNOEX FU32T5738			
DDF Evaluation						
Quality Review						
Preliminary Data Sort						
Preliminary Check	10/7/80	SBK				
First User Tape #	4/13/81	CBF	CBS-0 FU32T5738	1	VB	VB
Final User Tape #	4/14/81	CBF	DMNOEX MPD75 FU32T5738	1	VB	VB
Final Check						
NAPIS Inventory						
PIF Inventory						
Data Set 'Finalized'						

4/3/80

## TAPE ASSIGNMENT SHEET

ACCESSION NO: 80-0164

TYPE OF TAPE	TAPE NUMBER	LABEL	LRECL	BLKSIZE	RECFM	REMARKS
ORIGINATOR	FEDER	NL	86	4300	FB	9 TK EBCDIC NL
DUPLICATE	NOT USED					
REFORMATTED						
FIRST USER	CBS- P032T5738	SL	V	VB	VB	3402 RECORDS
FINAL USER	DMNOEX MP075 P032T5738	SL	V	VB	VB	3402 RECORDS

Error Correction Documentation Form

DATE:

TO:

FROM:

SUBJECT: Error Correction in Processing of Data Set - Accession # 88-0169

- 1) File Type: 032
- 2) Project Ident.: OCSEAP
- 3) Track Nos.: 5738-5756

I. Error Corrections as reported to Principal Investigator:

Error

Correction Completed (Check)

II. Additional error corrections:

Error

Correction Completed (Check)

Took out all 0000000000 g.  
weight of feathered animals  
Took out all 00000 count of  
feathered animals.  
Blank hour of day left blank per Audette's advice.  
Extremely high feathered animals weight allowed also.

III. Processor Name:

Charles P. Selker

Password:

accNo	fleA	refNo	proj	inst	ship	startDate	cruise	catId
8000164	F132	TR5746	0081	31I7	31CU	1978/04/11	IZ478	312253
8000164	F132	TR5747	0081	31I7	31CU	1978/05/11	IZ578	312254
8000164	F132	TR5748	0081	31I7	31CU	1978/06/09	IZ678	312255
8000164	F132	TR5749	0081	31I7	31CU	1978/07/09	IZ778	312256
8000164	F132	TR5750	0081	31I7	31CU	1978/08/09	IZ878	312257
8000164	F132	TR5751	0081	31I7	31CU	1978/11/06	IZ1178	312258
8000164	F132	TR5752	0081	31I7	31CU	1978/04/19	KL478	312259
8000164	F132	TR5753	0081	31I7	31CU	1978/06/18	KL678	312260
8000164	F132	TR5754	0081	31I7	31CU	1978/07/18	KL778	312261
8000164	F132	TR5755	0081	31I7	31CU	1978/08/19	KL878	312262
8000164	F132	TR5756	0081	31I7	31CU	1978/11/14	KL1178	312263
8000164	F132	TR5740	0081	31I7	31FN	1978/05/10	FEDO3	312247
8000164	F132	TR5741	0081	31I7	31FN	1978/06/07	FEDO4	312248
8000164	F132	TR5742	0081	31I7	31FN	1978/07/13	FEDO5	312249
8000164	F132	TR5744	0081	31I7	31FN	1978/03/22	MILO1	312251
8000164	F132	TR5745	0081	31I7	31FN	1978/06/22	MILO2	312252
8000164	F132	TR5738	0081	31I7	31SU	1977/11/05	FEDO1	312245
8000164	F132	TR5739	0081	31I7	31SU	1978/03/27	FEDO2	312246
8000164	F132	TR5743	0081	31I7	31SU	1978/08/13	FEDO6	312250

(19 rows affected)



Password:

accNo	fleA	refNo	ship	staCnt	recCnt	startDate	endDate
8000164	F132	TR5746	31CU	8	101	78/04/11	78/04/15
8000164	F132	TR5747	31CU	14	140	78/05/11	78/05/14
8000164	F132	TR5748	31CU	14	102	78/06/09	78/06/13
8000164	F132	TR5749	31CU	19	238	78/07/09	78/07/13
8000164	F132	TR5750	31CU	15	124	78/08/09	78/08/12
8000164	F132	TR5751	31CU	15	124	78/11/06	78/11/07
8000164	F132	TR5752	31CU	6	123	78/04/19	78/04/21
8000164	F132	TR5753	31CU	8	23	78/06/18	78/06/23
8000164	F132	TR5754	31CU	10	99	78/07/18	78/07/21
8000164	F132	TR5755	31CU	9	92	78/08/19	78/08/22
8000164	F132	TR5756	31CU	8	84	78/11/14	78/11/16
8000164	F132	TR5740	31FN	13	164	78/05/10	78/05/16
8000164	F132	TR5741	31FN	25	270	78/06/07	78/06/14
8000164	F132	TR5742	31FN	35	380	78/07/13	78/07/22
8000164	F132	TR5744	31FN	12	106	78/03/22	78/03/24
8000164	F132	TR5745	31FN	15	136	78/06/22	78/07/09
8000164	F132	TR5738	31SU	19	214	77/11/05	77/11/16
8000164	F132	TR5739	31SU	33	362	78/03/27	78/04/01
8000164	F132	TR5743	31SU	24	235	78/08/13	78/08/20

(19 rows affected)