

DDF A:3:15

DATA DOCUMENTATION FORM

TR6532-TR6579

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

F100

This form should accompany all data submissions to NODC. Section A, Originator Identification, must be completed when the data are submitted. It is highly desirable for NODC to also receive the remaining pertinent information at that time. This may be most easily accomplished by attaching reports, publications, or manuscripts which are readily available describing data collection, analysis, and format specifics. Readable, handwritten submissions are acceptable in all cases. All data shipments should be sent to the above address.

A. ORIGINATOR IDENTIFICATION

THIS SECTION MUST BE COMPLETED BY DONOR FOR ALL DATA TRANSMITTALS

1. NAME AND ADDRESS OF INSTITUTION, LABORATORY, OR ACTIVITY WITH WHICH SUBMITTED DATA ARE ASSOCIATED Dr. Herbert L. Webber Huxley College of Environmental Studies Western Washington State University Bellingham, WA 98225			
2. EXPEDITION, PROJECT, OR PROGRAM DURING WHICH DATA WERE COLLECTED NOAA, MESA Puget Sound Project R.U. 106		3. CRUISE NUMBER(S) USED BY ORIGINATOR TO IDENTIFY DATA IN THIS SHIPMENT 770428	
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 04/28/77 04/28/77
8. ARE DATA PROPRIETARY? <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES IF YES, WHEN CAN THEY BE RELEASED FOR GENERAL USE? YEAR MONTH		11. PLEASE DARKEN ALL MARSDEN SQUARES IN WHICH ANY DATA CONTAINED IN YOUR SUBMISSION WERE COLLECTED. GENERAL AREA	
9. ARE DATA DECLARED NATIONAL PROGRAM (DNP)? (I.E., SHOULD THEY BE INCLUDED IN WORLD DATA CENTERS HOLDINGS FOR INTERNATIONAL EXCHANGE?) <input type="checkbox"/> NO <input checked="" type="checkbox"/> YES <input type="checkbox"/> PART (SPECIFY BELOW)		<p>The map is a Marsden square grid covering the area from 100°W to 100°E and 20°N to 80°N. It shows the outlines of North America and the Pacific Ocean. Numerous small squares are darkened, indicating data collection locations. The darkening is most concentrated in the Pacific Northwest, specifically between 120°W and 140°W and 40°N and 60°N. There are also some darkened squares in the central and eastern Pacific.</p>	
10. PERSON TO WHOM INQUIRIES CONCERNING DATA SHOULD BE ADDRESSED WITH TELEPHONE NUMBER (AND ADDRESS IF OTHER THAN IN ITEM-1) Michael L. Crane NOAA/Edis AEIDC 707 A St. Anchorage, AK 99501 Ph: (907) 279-4523			

TAPE OR DISK ASSIGNMENT SHEET
(MRL) 11/6/78
(Rev. 11/80)

SESSION/TRACK NO.: **8100068 TR6532-6579**

TYPE OF TAPE	TAPE NUMBER	LABEL	LRECL	BLKSIZE	RECFM	REMARKS	# RECORDS
ORIGINATOR	JBR004	NL	80	4000	FB		
DUPLICATE	000789	SL	80	80	F		
REFORMATTED							
FIRST USER							
FINAL USER							
WORK DISK FILE	DSN					REMARKS	# RECORDS
WORK DISK FILE	D11 MRL * F100 A. TR6532						29,590
EDITED DISK FILE							

DATE:

TO:

FROM:

SUBJECT: Error Correction in Processing of Data Set - Accession # 8100068

- 1) File Type: 100
- 2) Project Ident.: MESA / PS
- 3) Track Nos.: TR 6532 - 6579

I. Error Corrections as reported to Principal Investigator:

Error

Correction Completed (Check)

II. Additional error corrections:

Error

Correction Completed (Check)

See attached

III. Processor Name: MARY R. LEWIS

Corrections of 100068

TR 6532-6579

1. Weight of intertidal values of -99899 were deleted.
2. Negative ^{sign} intertidal species count were deleted.
3. TR 6565 - erroneous values of temp (85.3°C) and zero (0) salinity were deleted.
4. Portions of tracks 6576 and 6577 were out of sequence - corrected.

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	1	(Station Header Record)
"	"	2 (Sediment Size Analysis Record)
"	"	3 (Biological Sample Description)
"	"	4 (Species Identification Record)
"	"	7 (Text Record)

2. GIVE BRIEF DESCRIPTION OF FILE ORGANIZATION

Each record is 80 characters in length. Record types are sorted by station and sequence numbers for proper order. Each record type is a new station header record.

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

4. RESPONSIBLE COMPUTER SPECIALIST:

NAME AND PHONE NUMBER Michael L. Crane (907) 279-4523
 ADDRESS NOAA/EDIS, AEIDC, 707 A Street, Anchorage, AK 99501

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> <hr/> <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> <hr/> <p>7. PARITY</p> <p><input checked="" type="checkbox"/> ODD</p> <p><input type="checkbox"/> EVEN</p> <hr/> <p>8. DENSITY</p> <p><input type="checkbox"/> 200 BPI <input checked="" type="checkbox"/> 1600 BPI</p> <p><input type="checkbox"/> 556 BPI</p> <p><input type="checkbox"/> 800 BPI</p> <p><input type="checkbox"/> _____</p>	<p>9. LENGTH OF INTER-RECORD GAP (IF KNOWN) <input checked="" type="checkbox"/> 3/4 INCH</p> <p><input type="checkbox"/> _____</p> <hr/> <p>10. END OF FILE MARK</p> <p><input type="checkbox"/> OCTAL 17</p> <p><input type="checkbox"/> _____</p> <hr/> <p>11. PASTE-ON-PAPER LABEL DESCRIPTION (INCLUDE ORIGINATOR NAME AND SOME LAY SPECIFICATIONS OF DATA TYPE, VOLUME NUMBER)</p> <p style="text-align: center; padding: 10px 0;">106 100 770428</p> <p style="text-align: center; padding: 10px 0;">77/04/28 WEBBER</p> <p style="text-align: center; padding: 10px 0;">9TRK, 1600BPI, ODD, EBCDIC</p> <hr/> <p>12. PHYSICAL BLOCK LENGTH IN BYTES</p> <p style="text-align: center; padding: 5px 0;">4,000 characters/block</p> <hr/> <p>13. LENGTH OF BYTES IN BITS</p> <p>_____</p>
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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

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2. EXPEDITION, PROJECT, OR PROGRAM DURING WHICH DATA WERE COLLECTED NOAA, MESA Puget Sound Project R.U. 106		3. CRUISE NUMBER(S) USED BY ORIGINATOR TO IDENTIFY DATA IN THIS SHIPMENT 770407	
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 04/07/77 04/07/77
8. ARE DATA PROPRIETARY? <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES IF YES, WHEN CAN THEY BE RELEASED FOR GENERAL USE? YEAR _____ MONTH _____		11. PLEASE DARKEN ALL MARSDEN SQUARES IN WHICH ANY DATA CONTAINED IN YOUR SUBMISSION WERE COLLECTED. GENERAL AREA	
9. ARE DATA DECLARED NATIONAL PROGRAM (DNP)? (I.E., SHOULD THEY BE INCLUDED IN WORLD DATA CENTERS HOLDINGS FOR INTERNATIONAL EXCHANGE?) <input type="checkbox"/> NO <input checked="" 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) Michael L. Crane NOAA/Edis AEIDC 707 A St. Anchorage, AK 99501 Ph: (907) 279-4523			

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	1	(Station Header Record)
"	"	2 (Sediment Size Analysis Record)
"	"	3 (Biological Sample Description)
"	"	4 (Species Identification Record)
"	"	7 (Text Record)

2. GIVE BRIEF DESCRIPTION OF FILE ORGANIZATION

Each record is 80 characters in length. Record types are sorted by station and sequence numbers for proper order. Each record type is a new station header record.

3. ATTRIBUTES AS EXPRESSED IN

<input type="checkbox"/> PL-1	<input type="checkbox"/> ALGOL	<input type="checkbox"/> COBOL
<input type="checkbox"/> FORTRAN	<input type="checkbox"/> _____	LANGUAGE

4. RESPONSIBLE COMPUTER SPECIALIST:

NAME AND PHONE NUMBER Michael L. Crane (907) 279-4523
 ADDRESS NOAA/EDIS, AEIDC, 707 A Street, Anchorage, AK 99501

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> <hr/> <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> <hr/> <p>7. PARITY</p> <p><input checked="" type="checkbox"/> ODD</p> <p><input type="checkbox"/> EVEN</p> <hr/> <p>8. DENSITY</p> <p><input type="checkbox"/> 200 BPI <input checked="" type="checkbox"/> 1600 BPI</p> <p><input type="checkbox"/> 556 BPI</p> <p><input type="checkbox"/> 800 BPI</p> <p><input type="checkbox"/> _____</p>	<p>9. LENGTH OF INTER-RECORD GAP (IF KNOWN) <input checked="" type="checkbox"/> 3/4 INCH</p> <p><input type="checkbox"/> _____</p> <hr/> <p>10. END OF FILE MARK</p> <p><input type="checkbox"/> OCTAL 17</p> <p><input type="checkbox"/> _____</p> <hr/> <p>11. PASTE-ON-PAPER LABEL DESCRIPTION (INCLUDE ORIGINATOR NAME AND SOME LAY SPECIFICATIONS OF DATA TYPE, VOLUME NUMBER)</p> <p style="text-align: center; padding: 10px;">106 100 770407</p> <p style="text-align: center; padding: 5px;">77/04/07 WEBBER</p> <p style="text-align: center; padding: 5px;">9TRK, 1600BPI, ODD, EBCDIC</p> <hr/> <p>12. PHYSICAL BLOCK LENGTH IN BYTES</p> <p style="text-align: center; padding: 5px;">4,000 characters/block</p> <hr/> <p>13. LENGTH OF BYTES IN BITS</p> <p style="text-align: center; padding: 5px;">4</p>
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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

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2. EXPEDITION, PROJECT, OR PROGRAM DURING WHICH DATA WERE COLLECTED NOAA, MESA Puget Sound Project R.U. 106		3. CRUISE NUMBER(S) USED BY ORIGINATOR TO IDENTIFY DATA IN THIS SHIPMENT 770430	
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 04/30/77 04/30/77	
8. ARE DATA PROPRIETARY? <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES IF YES, WHEN CAN THEY BE RELEASED FOR GENERAL USE? YEAR _____ MONTH _____		11. PLEASE DARKEN ALL MARSDEN SQUARES IN WHICH ANY DATA CONTAINED IN YOUR SUBMISSION WERE COLLECTED. GENERAL AREA	
9. ARE DATA DECLARED NATIONAL PROGRAM (DNP)? (I.E., SHOULD THEY BE INCLUDED IN WORLD DATA CENTERS HOLDINGS FOR INTERNATIONAL EXCHANGE?) <input type="checkbox"/> NO <input checked="" 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) Michael L. Crane NOAA/Edis AEIDC 707 A St. Anchorage, AK 99501 Ph: (907) 279-4523			

C. DATA FORMAT

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**1. LIST RECORD TYPES CONTAINED IN THE TRANSMITTAL OF YOUR FILE
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 FORTRAN _____ LANGUAGE

4. RESPONSIBLE COMPUTER SPECIALIST:

NAME AND PHONE NUMBER Michael L. Crane (907) 279-4523

ADDRESS NOAA/EDIS, AEIDC, 707 A Street, Anchorage, AK 99501

COMPLETE THIS SECTION IF DATA ARE ON MAGNETIC TAPE

<p>5. RECORDING MODE</p> <p><input type="checkbox"/> BCD <input type="checkbox"/> BINARY</p> <p><input type="checkbox"/> ASCII <input checked="" type="checkbox"/> EBCDIC</p> <p><input type="checkbox"/> _____</p>	<p>9. LENGTH OF INTER-RECORD GAP (IF KNOWN) <input checked="" type="checkbox"/> 3/4 INCH</p> <p><input type="checkbox"/> _____</p>
<p>6. NUMBER OF TRACKS (CHANNELS)</p> <p><input type="checkbox"/> SEVEN</p> <p><input checked="" type="checkbox"/> NINE</p> <p><input type="checkbox"/> _____</p>	<p>10. END OF FILE MARK</p> <p><input 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 style="text-align: center;">106 100 770430</p> <p style="text-align: center;">77/04/30 WEBBER</p> <p style="text-align: center;">9TRK, 1600BPI, ODD, EBCDIC</p>
<p>8. DENSITY</p> <p><input type="checkbox"/> 200 BPI <input checked="" type="checkbox"/> 1600 BPI</p> <p><input type="checkbox"/> 556 BPI</p> <p><input type="checkbox"/> 800 BPI</p> <p><input type="checkbox"/> _____</p>	<p>12. PHYSICAL BLOCK LENGTH IN BYTES</p> <p style="text-align: center;">4,000 characters/block</p> <p>13. LENGTH OF BYTES IN BITS</p> <p>_____</p>

DATA DOCUMENTATION FORM

NOAA FORM 24-13
(4-72)

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

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

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Dr. Herbert L. Webber Huxley College of Environmental Studies Western Washington State University Bellingham, WA 98225			
2. EXPEDITION, PROJECT, OR PROGRAM DURING WHICH DATA WERE COLLECTED		3. CRUISE NUMBER(S) USED BY ORIGINATOR TO IDENTIFY DATA IN THIS SHIPMENT	
NOAA, MESA Puget Sound Project R.U. 106		770408	
4. PLATFORM NAME(S)	5. PLATFORM TYPE(S) (E.G., SHIP, BUOY, ETC.)	6. PLATFORM AND OPERATOR NATIONALITY(IES)	7. DATES
		PLATFORM OPERATOR	FROM: MO, DAY, YR TO: MO, DAY, YR
			04/08/77 04/08/77
8. ARE DATA PROPRIETARY? <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES IF YES, WHEN CAN THEY BE RELEASED FOR GENERAL USE? YEAR _____ MONTH _____		11. PLEASE DARKEN ALL MARSDEN SQUARES IN WHICH ANY DATA CONTAINED IN YOUR SUBMISSION WERE COLLECTED.	
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 checked="" type="checkbox"/> YES <input type="checkbox"/> PART (SPECIFY BELOW)		GENERAL AREA 	
10. PERSON TO WHOM INQUIRIES CONCERNING DATA SHOULD BE ADDRESSED WITH TELEPHONE NUMBER (AND ADDRESS IF OTHER THAN IN ITEM-1) Michael L. Crane NOAA/Edis AEIDC 707 A St. Anchorage, AK 99501 Ph: (907) 279-4523			

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	1	(Station Header Record)
"	"	2 (Sediment Size Analysis Record)
"	"	3 (Biological Sample Description)
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"	"	7 (Text Record)

2. GIVE BRIEF DESCRIPTION OF FILE ORGANIZATION

Each record is 80 characters in length. Record types are sorted by station and sequence numbers for proper order. Each record type is a new station header record.

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

4. RESPONSIBLE COMPUTER SPECIALIST:

NAME AND PHONE NUMBER Michael L. Crane (907) 279-4523
 ADDRESS NOAA/EDIS, AEIDC, 707 A Street, Anchorage, AK 99501

COMPLETE THIS SECTION IF DATA ARE ON MAGNETIC TAPE

<p>5. RECORDING MODE</p> <p><input type="checkbox"/> BCD <input type="checkbox"/> BINARY</p> <p><input type="checkbox"/> ASCII <input checked="" type="checkbox"/> EBCDIC</p> <p><input type="checkbox"/> _____</p>	<p>9. LENGTH OF INTER-RECORD GAP (IF KNOWN) <input checked="" type="checkbox"/> 3/4 INCH <input type="checkbox"/> _____</p>
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<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 style="text-align: center;">106 100 770408</p> <p style="text-align: center;">77/04/08 WEBBER</p> <p style="text-align: center;">9TRK, 1600BPI, ODD, EBCDIC</p>
<p>8. DENSITY</p> <p><input type="checkbox"/> 200 BPI <input checked="" type="checkbox"/> 1600 BPI</p> <p><input type="checkbox"/> 556 BPI</p> <p><input type="checkbox"/> 800 BPI</p> <p><input type="checkbox"/> _____</p>	<p>12. PHYSICAL BLOCK LENGTH IN BYTES</p> <p style="text-align: center;">4,000 characters/block</p> <p>13. LENGTH OF BYTES IN BITS</p> <p>_____</p>

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4. PLATFORM NAME(S)	5. PLATFORM TYPE(S) (E.G., SHIP, BUOY, ETC.)	<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th colspan="2">6. PLATFORM AND OPERATOR</th> <th colspan="2">7. DATES</th> </tr> <tr> <th colspan="2">NATIONALITY(IES)</th> <th colspan="2"></th> </tr> <tr> <th>PLATFORM</th> <th>OPERATOR</th> <th>FROM: MO/DAY/YR</th> <th>TO: MO/DAY/YR</th> </tr> <tr> <td></td> <td></td> <td>04/19/77</td> <td>04/19/77</td> </tr> </table>	6. PLATFORM AND OPERATOR		7. DATES		NATIONALITY(IES)				PLATFORM	OPERATOR	FROM: MO/DAY/YR	TO: MO/DAY/YR			04/19/77	04/19/77
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GIVE METHOD OF IDENTIFYING EACH RECORD TYPE**

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" "	2 (Sediment Size Analysis Record)
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3. ATTRIBUTES AS EXPRESSED IN

<input type="checkbox"/> PL-1	<input type="checkbox"/> ALGOL	<input type="checkbox"/> COBOL
<input type="checkbox"/> FORTRAN	<input type="checkbox"/> _____	LANGUAGE

4. RESPONSIBLE COMPUTER SPECIALIST:

NAME AND PHONE NUMBER Michael L. Crane (907) 279-4523

ADDRESS NOAA/EDIS, AEIDC, 707 A Street, Anchorage, AK 99501

COMPLETE THIS SECTION IF DATA ARE ON MAGNETIC TAPE

<p>5. RECORDING MODE</p> <p><input type="checkbox"/> BCD <input type="checkbox"/> BINARY</p> <p><input type="checkbox"/> ASCII <input checked="" type="checkbox"/> EBCDIC</p> <p><input type="checkbox"/> _____</p>	<p>9. LENGTH OF INTER-RECORD GAP (IF KNOWN) <input checked="" type="checkbox"/> 3/4 INCH</p> <p><input type="checkbox"/> _____</p>
<p>6. NUMBER OF TRACKS (CHANNELS)</p> <p><input type="checkbox"/> SEVEN</p> <p><input checked="" type="checkbox"/> NINE</p> <p><input type="checkbox"/> _____</p>	<p>10. END OF FILE MARK</p> <p><input 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 style="text-align: center; margin-top: 20px;">106 100 770419</p> <p style="text-align: center; margin-top: 10px;">77/04/19 WEBBER</p> <p style="text-align: center; margin-top: 5px;">9TRK, 1600BPI, ODD, EBCDIC</p>
<p>8. DENSITY</p> <p><input type="checkbox"/> 200 BPI <input checked="" type="checkbox"/> 1600 BPI</p> <p><input type="checkbox"/> 556 BPI</p> <p><input type="checkbox"/> 800 BPI</p> <p><input type="checkbox"/> _____</p>	<p>12. PHYSICAL BLOCK LENGTH IN BYTES</p> <p style="text-align: center; margin-top: 5px;">4,000 characters/block</p> <p>13. LENGTH OF BYTES IN BITS</p> <p>_____</p>

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.

A. ORIGINATOR IDENTIFICATION

THIS SECTION MUST BE COMPLETED BY DONOR FOR ALL DATA TRANSMITTALS

1. NAME AND ADDRESS OF INSTITUTION, LABORATORY, OR ACTIVITY WITH WHICH SUBMITTED DATA ARE ASSOCIATED			
Dr. Herbert L. Webber Huxley College of Environmental Studies Western Washington State University Bellingham, WA 98225			
2. EXPEDITION, PROJECT, OR PROGRAM DURING WHICH DATA WERE COLLECTED		3. CRUISE NUMBER(S) USED BY ORIGINATOR TO IDENTIFY DATA IN THIS SHIPMENT	
NOAA, MESA Puget Sound Project R.U. 106		770406	
4. PLATFORM NAME(S)	5. PLATFORM TYPE(S) (E.G., SHIP, BUOY, ETC.)	6. PLATFORM AND OPERATOR NATIONALITY(IES)	7. DATES
		PLATFORM OPERATOR	FROM: MO/DAY/YR TO: MO/DAY/YR
			04/06/77 04/06/77
8. ARE DATA PROPRIETARY? <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES IF YES, WHEN CAN THEY BE RELEASED FOR GENERAL USE? YEAR _____ MONTH _____		11. PLEASE DARKEN ALL MARSDEN SQUARES IN WHICH ANY DATA CONTAINED IN YOUR SUBMISSION WERE COLLECTED.	
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 checked="" type="checkbox"/> YES <input type="checkbox"/> PART (SPECIFY BELOW)		GENERAL AREA 	
10. PERSON TO WHOM INQUIRIES CONCERNING DATA SHOULD BE ADDRESSED WITH TELEPHONE NUMBER (AND ADDRESS IF OTHER THAN IN ITEM-1) Michael L. Crane NOAA/Edis AEIDC 707 A St. Anchorage, AK 99501 Ph: (907) 279-4523			

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	1	(Station Header Record)
"	"	2 (Sediment Size Analysis Record)
"	"	3 (Biological Sample Description)
"	"	4 (Species Identification Record)
"	"	7 (Text Record)

2. GIVE BRIEF DESCRIPTION OF FILE ORGANIZATION

Each record is 80 characters in length. Record types are sorted by station and sequence numbers for proper order. Each record type is a new station header record.

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

4. RESPONSIBLE COMPUTER SPECIALIST:

NAME AND PHONE NUMBER Michael L. Crane (907) 279-4523

ADDRESS NOAA/EDIS, AEIDC, 707 A Street, Anchorage, AK 99501

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> <hr/> <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> <hr/> <p>7. PARITY</p> <p><input checked="" type="checkbox"/> ODD</p> <p><input type="checkbox"/> EVEN</p> <hr/> <p>8. DENSITY</p> <p><input type="checkbox"/> 200 BPI <input checked="" type="checkbox"/> 1600 BPI</p> <p><input type="checkbox"/> 556 BPI</p> <p><input type="checkbox"/> 800 BPI</p> <p><input type="checkbox"/> _____</p>	<p>9. LENGTH OF INTER-RECORD GAP (IF KNOWN) <input checked="" type="checkbox"/> 3/4 INCH</p> <p><input type="checkbox"/> _____</p> <hr/> <p>10. END OF FILE MARK</p> <p><input type="checkbox"/> OCTAL 17</p> <p><input type="checkbox"/> _____</p> <hr/> <p>11. PASTE-ON-PAPER LABEL DESCRIPTION (INCLUDE ORIGINATOR NAME AND SOME LAY SPECIFICATIONS OF DATA TYPE, VOLUME NUMBER)</p> <p style="text-align: center;">106 100 770822</p> <p style="text-align: center;">77/08/22 WEBBER</p> <p style="text-align: center;">9TRK, 1600BPI, ODD, EBCDIC</p> <hr/> <p>12. PHYSICAL BLOCK LENGTH IN BYTES</p> <p style="text-align: center;">4,000 characters/block</p> <hr/> <p>13. LENGTH OF BYTES IN BITS</p> <p>_____</p>
--	--

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

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A. ORIGINATOR IDENTIFICATION

THIS SECTION MUST BE COMPLETED BY DONOR FOR ALL DATA TRANSMITTALS

1. NAME AND ADDRESS OF INSTITUTION, LABORATORY, OR ACTIVITY WITH WHICH SUBMITTED DATA ARE ASSOCIATED			
Dr. Herbert L. Webber Huxley College of Environmental Studies Western Washington State University Bellingham, WA 98225			
2. EXPEDITION, PROJECT, OR PROGRAM DURING WHICH DATA WERE COLLECTED		3. CRUISE NUMBER(S) USED BY ORIGINATOR TO IDENTIFY DATA IN THIS SHIPMENT	
NOAA, MESA Puget Sound Project R.U. 106		770701	
4. PLATFORM NAME(S)	5. PLATFORM TYPE(S) (E.G., SHIP, BUOY, ETC.)	6. PLATFORM AND OPERATOR NATIONALITY (IES)	7. DATES
		PLATFORM OPERATOR	FROM: MO/DAY/YR TO: MO/DAY/YR
			07/01/77 07/01/77
8. ARE DATA PROPRIETARY? <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES IF YES, WHEN CAN THEY BE RELEASED FOR GENERAL USE? YEAR MONTH		11. PLEASE DARKEN ALL MARSDEN SQUARES IN WHICH ANY DATA CONTAINED IN YOUR SUBMISSION WERE COLLECTED.	
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 checked="" type="checkbox"/> YES <input type="checkbox"/> PART (SPECIFY BELOW)		GENERAL AREA	
10. PERSON TO WHOM INQUIRIES CONCERNING DATA SHOULD BE ADDRESSED WITH TELEPHONE NUMBER (AND ADDRESS IF OTHER THAN IN ITEM-1) Michael L. Crane NOAA/Edis AEIDC 707 A St. Anchorage, AK 99501 Ph: (907) 279-4523			

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 1	(Station Header Record)
" "	2 (Sediment Size Analysis Record)
" "	3 (Biological Sample Description)
" "	4 (Species Identification Record)
" "	7 (Text Record)

2. GIVE BRIEF DESCRIPTION OF FILE ORGANIZATION

Each record is 80 characters in length. Record types are sorted by station and sequence numbers for proper order. Each record type is a new station header record.

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

4. RESPONSIBLE COMPUTER SPECIALIST:

NAME AND PHONE NUMBER Michael L. Crane (907) 279-4523

ADDRESS NOAA/EDIS, AEIDC, 707 A Street, Anchorage, AK 99501

COMPLETE THIS SECTION IF DATA ARE ON MAGNETIC TAPE

<p>5. RECORDING MODE</p> <p><input type="checkbox"/> BCD <input type="checkbox"/> BINARY</p> <p><input type="checkbox"/> ASCII <input checked="" type="checkbox"/> EBCDIC</p> <p><input type="checkbox"/> _____</p>	<p>9. LENGTH OF INTER-RECORD GAP (IF KNOWN) <input checked="" type="checkbox"/> 3/4 INCH</p> <p><input type="checkbox"/> _____</p>
<p>6. NUMBER OF TRACKS (CHANNELS)</p> <p><input type="checkbox"/> SEVEN</p> <p><input checked="" type="checkbox"/> NINE</p> <p><input type="checkbox"/> _____</p>	<p>10. END OF FILE MARK</p> <p><input 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 style="text-align: center;">106 100 770701</p> <p style="text-align: center;">77/07/01 WEBBER</p> <p style="text-align: center;">9TRK, 1600BPI, ODD, EBCDIC</p>
<p>8. DENSITY</p> <p><input type="checkbox"/> 200 BPI <input checked="" type="checkbox"/> 1600 BPI</p> <p><input type="checkbox"/> 556 BPI</p> <p><input type="checkbox"/> 800 BPI</p> <p><input type="checkbox"/> _____</p>	<p>12. PHYSICAL BLOCK LENGTH IN BYTES</p> <p style="text-align: center;">4,000 characters/block</p> <p>13. LENGTH OF BYTES IN BITS</p> <p>_____</p>

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.

A. ORIGINATOR IDENTIFICATION

THIS SECTION MUST BE COMPLETED BY DONOR FOR ALL DATA TRANSMITTALS

1. NAME AND ADDRESS OF INSTITUTION, LABORATORY, OR ACTIVITY WITH WHICH SUBMITTED DATA ARE ASSOCIATED Dr. Herbert L. Webber Huxley College of Environmental Studies Western Washington State University Bellingham, WA 98225			
2. EXPEDITION, PROJECT, OR PROGRAM DURING WHICH DATA WERE COLLECTED NOAA, MESA Puget Sound Project R.U. 106		3. CRUISE NUMBER(S) USED BY ORIGINATOR TO IDENTIFY DATA IN THIS SHIPMENT 770826	
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
		08/26/77	08/26/77
8. ARE DATA PROPRIETARY? <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES IF YES, WHEN CAN THEY BE RELEASED FOR GENERAL USE? YEAR _____ MONTH _____		11. PLEASE DARKEN ALL MARSDEN SQUARES IN WHICH ANY DATA CONTAINED IN YOUR SUBMISSION WERE COLLECTED. GENERAL AREA	
9. ARE DATA DECLARED NATIONAL PROGRAM (DNP)? (I.E., SHOULD THEY BE INCLUDED IN WORLD DATA CENTERS HOLDINGS FOR INTERNATIONAL EXCHANGE?) <input type="checkbox"/> NO <input checked="" 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) Michael L. Crane NOAA/Edis AEIDC 707 A St. Anchorage, AK 99501 Ph: (907) 279-4523			

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	1	(Station Header Record)
"	"	2 (Sediment Size Analysis Record)
"	"	3 (Biological Sample Description)
"	"	4 (Species Identification Record)
"	"	7 (Text Record)

2. GIVE BRIEF DESCRIPTION OF FILE ORGANIZATION

Each record is 80 characters in length. Record types are sorted by station and sequence numbers for proper order. Each record type is a new station header record.

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

4. RESPONSIBLE COMPUTER SPECIALIST:

NAME AND PHONE NUMBER Michael L. Crane (907) 279-4523
 ADDRESS NOAA/EDIS, AEIDC, 707 A Street, Anchorage, AK 99501

COMPLETE THIS SECTION IF DATA ARE ON MAGNETIC TAPE

<p>5. RECORDING MODE</p> <p><input type="checkbox"/> BCD <input type="checkbox"/> BINARY</p> <p><input type="checkbox"/> ASCII <input checked="" type="checkbox"/> EBCDIC</p> <p><input type="checkbox"/> _____</p>	<p>9. LENGTH OF INTER-RECORD GAP (IF KNOWN) <input checked="" type="checkbox"/> 3/4 INCH <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>11. PASTE-ON-PAPER LABEL DESCRIPTION (INCLUDE ORIGINATOR NAME AND SOME LAY SPECIFICATIONS OF DATA TYPE, VOLUME NUMBER)</p> <p style="text-align: center;">106 100 770826</p> <p style="text-align: center;">77/08/26 WEBBER</p> <p style="text-align: center;">9TRK, 1600BPI, ODD, EBCDIC</p>
<p>8. DENSITY</p> <p><input type="checkbox"/> 200 BPI <input checked="" type="checkbox"/> 1600 BPI</p> <p><input type="checkbox"/> 556 BPI</p> <p><input type="checkbox"/> 800 BPI</p> <p><input type="checkbox"/> _____</p>	<p>12. PHYSICAL BLOCK LENGTH IN BYTES</p> <p style="text-align: center;">4,000 characters/block</p> <p>13. LENGTH OF BYTES IN BITS</p> <p>_____</p>

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

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1. NAME AND ADDRESS OF INSTITUTION, LABORATORY, OR ACTIVITY WITH WHICH SUBMITTED DATA ARE ASSOCIATED			
Dr. Herbert L. Webber Huxley College of Environmental Studies Western Washington State University Bellingham, WA 98225			
2. EXPEDITION, PROJECT, OR PROGRAM DURING WHICH DATA WERE COLLECTED		3. CRUISE NUMBER(S) USED BY ORIGINATOR TO IDENTIFY DATA IN THIS SHIPMENT	
NOAA, MESA Puget Sound Project R.U. 106		770630	
4. PLATFORM NAME(S)	5. PLATFORM TYPE(S) (E.G., SHIP, BUOY, ETC.)	6. PLATFORM AND OPERATOR NATIONALITY(IES)	7. DATES
		PLATFORM OPERATOR	FROM: MO/PAY/YR TO: MO/DAY/YR
			06/30/77 06/30/77
8. ARE DATA PROPRIETARY? <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES IF YES, WHEN CAN THEY BE RELEASED FOR GENERAL USE? YEAR MONTH		11. PLEASE DARKEN ALL MARSDEN SQUARES IN WHICH ANY DATA CONTAINED IN YOUR SUBMISSION WERE COLLECTED.	
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 checked="" type="checkbox"/> YES <input type="checkbox"/> PART (SPECIFY BELOW)		GENERAL AREA	
10. PERSON TO WHOM INQUIRIES CONCERNING DATA SHOULD BE ADDRESSED WITH TELEPHONE NUMBER (AND ADDRESS IF OTHER THAN IN ITEM-1) Michael L. Crane NOAA/Edis AEIDC 707 A St. Anchorage, AK 99501 Ph: (907) 279-4523			

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	1	(Station Header Record)
"	"	2 (Sediment Size Analysis Record)
"	"	3 (Biological Sample Description)
"	"	4 (Species Identification Record)
"	"	7 (Text Record)

2. GIVE BRIEF DESCRIPTION OF FILE ORGANIZATION

Each record is 80 characters in length. Record types are sorted by station and sequence numbers for proper order. Each record type is a new station header record.

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

4. RESPONSIBLE COMPUTER SPECIALIST:

NAME AND PHONE NUMBER Michael L. Crane (907) 279-4523
 ADDRESS NOAA/EDIS, AEIDC, 707 A Street, Anchorage, AK 99501

COMPLETE THIS SECTION IF DATA ARE ON MAGNETIC TAPE

<p>5. RECORDING MODE</p> <p><input type="checkbox"/> BCD <input type="checkbox"/> BINARY</p> <p><input type="checkbox"/> ASCII <input checked="" type="checkbox"/> EBCDIC</p> <p><input type="checkbox"/> _____</p>	<p>9. LENGTH OF INTER-RECORD GAP (IF KNOWN) <input checked="" type="checkbox"/> 3/4 INCH <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>11. PASTE-ON-PAPER LABEL DESCRIPTION (INCLUDE ORIGINATOR NAME AND SOME LAY SPECIFICATIONS OF DATA TYPE, VOLUME NUMBER)</p> <p style="text-align: center; padding: 10px 0;">106 100 770630</p> <p style="text-align: center; padding: 10px 0;">77/06/30 WEBBER</p> <p style="text-align: center; padding: 10px 0;">9TRK, 1600BPI, ODD, EBCDIC</p>
<p>8. DENSITY</p> <p><input type="checkbox"/> 200 BPI <input checked="" type="checkbox"/> 1600 BPI</p> <p><input type="checkbox"/> 556 BPI</p> <p><input type="checkbox"/> 800 BPI</p> <p><input type="checkbox"/> _____</p>	<p>12. PHYSICAL BLOCK LENGTH IN BYTES</p> <p style="text-align: center; padding: 5px 0;">4,000 characters/block</p> <p>13. LENGTH OF BYTES IN BITS</p> <p style="text-align: center; padding: 5px 0;">4000</p>

DATA DOCUMENTATION FORM

NOAA FORM 24-13
(4-72)

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

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

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2. EXPEDITION, PROJECT, OR PROGRAM DURING WHICH DATA WERE COLLECTED NOAA, MESA Puget Sound Project R.U. 106		3. CRUISE NUMBER(S) USED BY ORIGINATOR TO IDENTIFY DATA IN THIS SHIPMENT 770810													
4. PLATFORM NAME(S)	5. PLATFORM TYPE(S) (E.G., SHIP, BUOY, ETC.)	<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th colspan="2" style="padding: 2px;">6. PLATFORM AND OPERATOR NATIONALITY(IES)</th> <th colspan="2" style="padding: 2px;">7. DATES</th> </tr> <tr> <th style="padding: 2px;">PLATFORM</th> <th style="padding: 2px;">OPERATOR</th> <th style="padding: 2px;">FROM: MO/DAY/YR</th> <th style="padding: 2px;">TO: MO/DAY/YR</th> </tr> <tr> <td style="height: 40px;"></td> <td></td> <td style="text-align: center; vertical-align: middle;">08/10/77</td> <td style="text-align: center; vertical-align: middle;">08/10/77</td> </tr> </table>		6. PLATFORM AND OPERATOR NATIONALITY(IES)		7. DATES		PLATFORM	OPERATOR	FROM: MO/DAY/YR	TO: MO/DAY/YR			08/10/77	08/10/77
6. PLATFORM AND OPERATOR NATIONALITY(IES)		7. DATES													
PLATFORM	OPERATOR	FROM: MO/DAY/YR	TO: MO/DAY/YR												
		08/10/77	08/10/77												
8. ARE DATA PROPRIETARY? <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES IF YES, WHEN CAN THEY BE RELEASED FOR GENERAL USE? YEAR _____ MONTH _____		11. PLEASE DARKEN ALL MARSDEN SQUARES IN WHICH ANY DATA CONTAINED IN YOUR SUBMISSION WERE COLLECTED. <p style="text-align: center;">GENERAL AREA</p>													
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 checked="" type="checkbox"/> YES <input type="checkbox"/> PART (SPECIFY BELOW)		(Continuation of the map area from the previous row)													
10. PERSON TO WHOM INQUIRIES CONCERNING DATA SHOULD BE ADDRESSED WITH TELEPHONE NUMBER (AND ADDRESS IF OTHER THAN IN ITEM-1) Michael L. Crane NOAA/Edis AEIDC 707 A St. Anchorage, AK 99501 Ph: (907) 279-4523															

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	1	(Station Header Record)
"	"	2 (Sediment Size Analysis Record)
"	"	3 (Biological Sample Description)
"	"	4 (Species Identification Record)
"	"	7 (Text Record)

2. GIVE BRIEF DESCRIPTION OF FILE ORGANIZATION

Each record is 80 characters in length. Record types are sorted by station and sequence numbers for proper order. Each record type is a new station header record.

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

4. RESPONSIBLE COMPUTER SPECIALIST:

NAME AND PHONE NUMBER Michael L. Crane (907) 279-4523

ADDRESS NOAA/EDIS, AEIDC, 707 A Street, Anchorage, AK 99501

COMPLETE THIS SECTION IF DATA ARE ON MAGNETIC TAPE

5. RECORDING MODE <input type="checkbox"/> BCD <input type="checkbox"/> BINARY <input type="checkbox"/> ASCII <input checked="" type="checkbox"/> EBCDIC <input type="checkbox"/> _____	9. LENGTH OF INTER-RECORD GAP (IF KNOWN) <input checked="" type="checkbox"/> 3/4 INCH <input type="checkbox"/> _____
	10. END OF FILE MARK <input type="checkbox"/> OCTAL 17 <input type="checkbox"/> _____
6. NUMBER OF TRACKS (CHANNELS) <input type="checkbox"/> SEVEN <input checked="" type="checkbox"/> NINE <input type="checkbox"/> _____	11. PASTE-ON-PAPER LABEL DESCRIPTION (INCLUDE ORIGINATOR NAME AND SOME LAY SPECIFICATIONS OF DATA TYPE, VOLUME NUMBER) 106 100 770810 77/08/10 WEBBER 9TRK,1600BPI, ODD, EBCDIC
7. PARITY <input checked="" type="checkbox"/> ODD <input type="checkbox"/> EVEN	
8. DENSITY <input type="checkbox"/> 200 BPI <input checked="" type="checkbox"/> 1600 BPI <input type="checkbox"/> 556 BPI <input type="checkbox"/> 800 BPI <input type="checkbox"/> _____	12. PHYSICAL BLOCK LENGTH IN BYTES 4,000 characters/block
	13. LENGTH OF BYTES IN BITS

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.

A. ORIGINATOR IDENTIFICATION

THIS SECTION MUST BE COMPLETED BY DONOR FOR ALL DATA TRANSMITTALS

1. NAME AND ADDRESS OF INSTITUTION, LABORATORY, OR ACTIVITY WITH WHICH SUBMITTED DATA ARE ASSOCIATED			
Dr. Herbert L. Webber Huxley College of Environmental Studies Western Washington State University Bellingham, WA 98225			
2. EXPEDITION, PROJECT, OR PROGRAM DURING WHICH DATA WERE COLLECTED		3. CRUISE NUMBER(S) USED BY ORIGINATOR TO IDENTIFY DATA IN THIS SHIPMENT	
NOAA, MESA Puget Sound Project R.U. 106		770702	
4. PLATFORM NAME(S)	5. PLATFORM TYPE(S) (E.G., SHIP, BUOY, ETC.)	6. PLATFORM AND OPERATOR NATIONALITY(IES)	7. DATES
		PLATFORM OPERATOR	FROM: MO/DAY/YR TO: MO/DAY/YR
			07/02/77 07/02/77
8. ARE DATA PROPRIETARY? <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES IF YES, WHEN CAN THEY BE RELEASED FOR GENERAL USE? YEAR _____ MONTH _____		11. PLEASE DARKEN ALL MARSDEN SQUARES IN WHICH ANY DATA CONTAINED IN YOUR SUBMISSION WERE COLLECTED.	
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 checked="" type="checkbox"/> YES <input type="checkbox"/> PART (SPECIFY BELOW)		GENERAL AREA	
10. PERSON TO WHOM INQUIRIES CONCERNING DATA SHOULD BE ADDRESSED WITH TELEPHONE NUMBER (AND ADDRESS IF OTHER THAN IN ITEM-1) Michael L. Crane NOAA/Edis AEIDC 707 A St. Anchorage, AK 99501 Ph: (907) 279-4523			

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 1 (Station Header Record)
" " 2 (Sediment Size Analysis Record)
" " 3 (Biological Sample Description)
" " 4 (Species Identification Record)
" " 7 (Text Record)

2. GIVE BRIEF DESCRIPTION OF FILE ORGANIZATION

Each record is 80 characters in length. Record types are sorted by station and sequence numbers for proper order. Each record type is a new station header record.

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

4. RESPONSIBLE COMPUTER SPECIALIST:

NAME AND PHONE NUMBER Michael L. Crane (907) 279-4523

ADDRESS NOAA/EDIS, AEIDC, 707 A Street, Anchorage, AK 99501

COMPLETE THIS SECTION IF DATA ARE ON MAGNETIC TAPE

<p>5. RECORDING MODE</p> <p><input type="checkbox"/> BCD <input type="checkbox"/> BINARY</p> <p><input type="checkbox"/> ASCII <input checked="" type="checkbox"/> EBCDIC</p> <p><input type="checkbox"/> _____</p>	<p>9. LENGTH OF INTER-RECORD GAP (IF KNOWN) <input checked="" type="checkbox"/> 3/4 INCH <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 <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>106 100 770702</p> <p>77/07/02 WEBBER</p> <p>9TRK, 1600BPI, ODD, EBCDIC</p>
<p>8. DENSITY</p> <p><input type="checkbox"/> 200 BPI <input checked="" type="checkbox"/> 1600 BPI</p> <p><input type="checkbox"/> 556 BPI</p> <p><input type="checkbox"/> 800 BPI</p> <p><input type="checkbox"/> _____</p>	

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

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THIS SECTION MUST BE COMPLETED BY DONOR FOR ALL DATA TRANSMITTALS

1. NAME AND ADDRESS OF INSTITUTION, LABORATORY, OR ACTIVITY WITH WHICH SUBMITTED DATA ARE ASSOCIATED			
Dr. Herbert L. Webber Huxley College of Environmental Studies Western Washington State University Bellingham, WA 98225			
2. EXPEDITION, PROJECT, OR PROGRAM DURING WHICH DATA WERE COLLECTED		3. CRUISE NUMBER(S) USED BY ORIGINATOR TO IDENTIFY DATA IN THIS SHIPMENT	
NOAA, MESA Puget Sound Project R.U. 106		771118	
4. PLATFORM NAME(S)	5. PLATFORM TYPE(S) (E.G., SHIP, BUOY, ETC.)	6. PLATFORM AND OPERATOR NATIONALITY(IES)	7. DATES
		PLATFORM OPERATOR	FROM: MO/DAY/YR TO: MO/DAY/YR
			11/18/77 11/18/77
8. ARE DATA PROPRIETARY? <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES IF YES, WHEN CAN THEY BE RELEASED FOR GENERAL USE? YEAR _____ MONTH _____		11. PLEASE DARKEN ALL MARSDEN SQUARES IN WHICH ANY DATA CONTAINED IN YOUR SUBMISSION WERE COLLECTED.	
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 checked="" type="checkbox"/> YES <input type="checkbox"/> PART (SPECIFY BELOW)		GENERAL AREA 	
10. PERSON TO WHOM INQUIRIES CONCERNING DATA SHOULD BE ADDRESSED WITH TELEPHONE NUMBER (AND ADDRESS IF OTHER THAN IN ITEM-1)			
Michael L. Crane NOAA/Edis AEIDC 707 A St. Anchorage, AK 99501 Ph: (907) 279-4523			

DATA DOCUMENTATION FORM

NOAA FORM 24-13
(4-72)

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

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

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2. EXPEDITION, PROJECT, OR PROGRAM DURING WHICH DATA WERE COLLECTED		3. CRUISE NUMBER(S) USED BY ORIGINATOR TO IDENTIFY DATA IN THIS SHIPMENT	
NOAA, MESA Puget Sound Project R.U. 106		771017	
4. PLATFORM NAME(S)	5. PLATFORM TYPE(S) (E.G., SHIP, BUOY, ETC.)	6. PLATFORM AND OPERATOR NATIONALITY(IES)	7. DATES
		PLATFORM OPERATOR	FROM: MO/DAY/YR TO: MO/DAY/YR
			10/17/77 10/17/77
8. ARE DATA PROPRIETARY? <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES IF YES, WHEN CAN THEY BE RELEASED FOR GENERAL USE? YEAR _____ MONTH _____		11. PLEASE DARKEN ALL MARSDEN SQUARES IN WHICH ANY DATA CONTAINED IN YOUR SUBMISSION WERE COLLECTED.	
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 checked="" type="checkbox"/> YES <input type="checkbox"/> PART (SPECIFY BELOW)		GENERAL AREA 	
10. PERSON TO WHOM INQUIRIES CONCERNING DATA SHOULD BE ADDRESSED WITH TELEPHONE NUMBER (AND ADDRESS IF OTHER THAN IN ITEM-1) Michael L. Crane NOAA/Edis AEIDC 707 A St. Anchorage, AK 99501 Ph: (907) 279-4523			

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	1	(Station Header Record)
"	"	2 (Sediment Size Analysis Record)
"	"	3 (Biological Sample Description)
"	"	4 (Species Identification Record)
"	"	7 (Text Record)

2. GIVE BRIEF DESCRIPTION OF FILE ORGANIZATION

Each record is 80 characters in length. Record types are sorted by station and sequence numbers for proper order. Each record type is a new station header record.

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

4. RESPONSIBLE COMPUTER SPECIALIST:

NAME AND PHONE NUMBER Michael L. Crane (907) 279-4523

ADDRESS NOAA/EDIS, AEIDC, 707 A Street, Anchorage, AK 99501

COMPLETE THIS SECTION IF DATA ARE ON MAGNETIC TAPE

<p>5. RECORDING MODE</p> <p><input type="checkbox"/> BCD <input type="checkbox"/> BINARY</p> <p><input type="checkbox"/> ASCII <input checked="" type="checkbox"/> EBCDIC</p> <p><input type="checkbox"/> _____</p>	<p>9. LENGTH OF INTER-RECORD GAP (IF KNOWN) <input checked="" type="checkbox"/> 3/4 INCH <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>11. PASTE-ON-PAPER LABEL DESCRIPTION (INCLUDE ORIGINATOR NAME AND SOME LAY SPECIFICATIONS OF DATA TYPE, VOLUME NUMBER)</p> <p style="text-align: center;">106 100 771017</p> <p style="text-align: center;">77/10/17 WEBBER</p> <p style="text-align: center;">9TRK, 1600BPI, ODD, EBCDIC</p>
<p>8. DENSITY</p> <p><input type="checkbox"/> 200 BPI <input checked="" type="checkbox"/> 1600 BPI</p> <p><input type="checkbox"/> 556 BPI</p> <p><input type="checkbox"/> 800 BPI</p> <p><input type="checkbox"/> _____</p>	<p>12. PHYSICAL BLOCK LENGTH IN BYTES</p> <p style="text-align: center;">4,000 characters/block</p> <p>13. LENGTH OF BYTES IN BITS</p> <p>_____</p>

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.

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THIS SECTION MUST BE COMPLETED BY DONOR FOR ALL DATA TRANSMITTALS

1. NAME AND ADDRESS OF INSTITUTION, LABORATORY, OR ACTIVITY WITH WHICH SUBMITTED DATA ARE ASSOCIATED			
Dr. Herbert L. Webber Huxley College of Environmental Studies Western Washington State University Bellingham, WA 98225			
2. EXPEDITION, PROJECT, OR PROGRAM DURING WHICH DATA WERE COLLECTED		3. CRUISE NUMBER(S) USED BY ORIGINATOR TO IDENTIFY DATA IN THIS SHIPMENT	
NOAA, MESA Puget Sound Project R.U. 106		771108	
4. PLATFORM NAME(S)	5. PLATFORM TYPE(S) (E.G., SHIP, BUOY, ETC.)	6. PLATFORM AND OPERATOR NATIONALITY(IES)	7. DATES
		PLATFORM OPERATOR	FROM: MO, DAY, YR TO: MO, DAY, YR
			11/08/77 11/08/77
8. ARE DATA PROPRIETARY? <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES IF YES, WHEN CAN THEY BE RELEASED FOR GENERAL USE? YEAR _____ MONTH _____		11. PLEASE DARKEN ALL MARSDEN SQUARES IN WHICH ANY DATA CONTAINED IN YOUR SUBMISSION WERE COLLECTED.	
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 checked="" type="checkbox"/> YES <input type="checkbox"/> PART (SPECIFY BELOW)		GENERAL AREA	
10. PERSON TO WHOM INQUIRIES CONCERNING DATA SHOULD BE ADDRESSED WITH TELEPHONE NUMBER (AND ADDRESS IF OTHER THAN IN ITEM-1) Michael L. Crane NOAA/Edis AEIDC 707 A St. Anchorage, AK 99501 Ph: (907) 279-4523			

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	1	(Station Header Record)
"	"	2 (Sediment Size Analysis Record)
"	"	3 (Biological Sample Description)
"	"	4 (Species Identification Record)
"	"	7 (Text Record)

2. GIVE BRIEF DESCRIPTION OF FILE ORGANIZATION

Each record is 80 characters in length. Record types are sorted by station and sequence numbers for proper order. Each record type is a new station header record.

3. ATTRIBUTES AS EXPRESSED IN

<input type="checkbox"/> PL-1	<input type="checkbox"/> ALGOL	<input type="checkbox"/> COBOL
<input type="checkbox"/> FORTRAN	<input type="checkbox"/> _____	LANGUAGE

4. RESPONSIBLE COMPUTER SPECIALIST:

NAME AND PHONE NUMBER Michael L. Crane (907) 279-4523

ADDRESS NOAA/EDIS, AEIDC, 707 A Street, Anchorage, AK 99501

COMPLETE THIS SECTION IF DATA ARE ON MAGNETIC TAPE

<p>5. RECORDING MODE</p> <table style="width: 100%;"> <tr> <td><input type="checkbox"/> BCD</td> <td><input type="checkbox"/> BINARY</td> </tr> <tr> <td><input type="checkbox"/> ASCII</td> <td><input checked="" type="checkbox"/> EBCDIC</td> </tr> <tr> <td colspan="2"><input type="checkbox"/> _____</td> </tr> </table>	<input type="checkbox"/> BCD	<input type="checkbox"/> BINARY	<input type="checkbox"/> ASCII	<input checked="" type="checkbox"/> EBCDIC	<input type="checkbox"/> _____		<p>9. LENGTH OF INTER-RECORD GAP (IF KNOWN) <input checked="" type="checkbox"/> 3/4 INCH <input type="checkbox"/> _____</p>		
<input type="checkbox"/> BCD	<input type="checkbox"/> BINARY								
<input type="checkbox"/> ASCII	<input checked="" type="checkbox"/> EBCDIC								
<input type="checkbox"/> _____									
<p>6. NUMBER OF TRACKS (CHANNELS)</p> <table style="width: 100%;"> <tr> <td><input type="checkbox"/> SEVEN</td> </tr> <tr> <td><input checked="" type="checkbox"/> NINE</td> </tr> <tr> <td><input type="checkbox"/> _____</td> </tr> </table>	<input type="checkbox"/> SEVEN	<input checked="" type="checkbox"/> NINE	<input type="checkbox"/> _____	<p>10. END OF FILE MARK</p> <table style="width: 100%;"> <tr> <td><input type="checkbox"/> OCTAL 17</td> </tr> <tr> <td><input type="checkbox"/> _____</td> </tr> </table>	<input type="checkbox"/> OCTAL 17	<input type="checkbox"/> _____			
<input type="checkbox"/> SEVEN									
<input checked="" type="checkbox"/> NINE									
<input type="checkbox"/> _____									
<input type="checkbox"/> OCTAL 17									
<input type="checkbox"/> _____									
<p>7. PARITY</p> <table style="width: 100%;"> <tr> <td><input checked="" type="checkbox"/> ODD</td> </tr> <tr> <td><input type="checkbox"/> EVEN</td> </tr> </table>	<input checked="" type="checkbox"/> ODD	<input type="checkbox"/> EVEN	<p>11. PASTE-ON-PAPER LABEL DESCRIPTION (INCLUDE ORIGINATOR NAME AND SOME LAY SPECIFICATIONS OF DATA TYPE, VOLUME NUMBER)</p> <p style="text-align: center; margin-top: 20px;">106 100 771108</p> <p style="text-align: center; margin-top: 10px;">77/11/08 WEBBER</p> <p style="text-align: center; margin-top: 5px;">9TRK, 1600BPI, ODD, EBCDIC</p>						
<input checked="" type="checkbox"/> ODD									
<input type="checkbox"/> EVEN									
<p>8. DENSITY</p> <table style="width: 100%;"> <tr> <td><input type="checkbox"/> 200 BPI</td> <td><input checked="" type="checkbox"/> 1600 BPI</td> </tr> <tr> <td><input type="checkbox"/> 556 BPI</td> <td></td> </tr> <tr> <td><input type="checkbox"/> 800 BPI</td> <td></td> </tr> <tr> <td colspan="2"><input type="checkbox"/> _____</td> </tr> </table>	<input type="checkbox"/> 200 BPI	<input checked="" type="checkbox"/> 1600 BPI	<input type="checkbox"/> 556 BPI		<input type="checkbox"/> 800 BPI		<input type="checkbox"/> _____		<p>12. PHYSICAL BLOCK LENGTH IN BYTES</p> <p style="text-align: center; margin-top: 5px;">4,000 characters/block</p> <p>13. LENGTH OF BYTES IN BITS</p> <p style="margin-top: 5px;">_____</p>
<input type="checkbox"/> 200 BPI	<input checked="" type="checkbox"/> 1600 BPI								
<input type="checkbox"/> 556 BPI									
<input type="checkbox"/> 800 BPI									
<input type="checkbox"/> _____									

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-R2551

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2. EXPEDITION, PROJECT, OR PROGRAM DURING WHICH DATA WERE COLLECTED		3. CRUISE NUMBER(S) USED BY ORIGINATOR TO IDENTIFY DATA IN THIS SHIPMENT	
NOAA, MESA Puget Sound Project R.U. 106		771018	
4. PLATFORM NAME(S)	5. PLATFORM TYPE(S) (E.G., SHIP, BUOY, ETC.)	6. PLATFORM AND OPERATOR NATIONALITY(IES)	7. DATES
		PLATFORM OPERATOR	FROM: MO/DAY/YR TO: MO/DAY/YR
			10/18/77 10/18/77
8. ARE DATA PROPRIETARY? <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES IF YES, WHEN CAN THEY BE RELEASED FOR GENERAL USE? YEAR _____ MONTH _____		11. PLEASE DARKEN ALL MARSDEN SQUARES IN WHICH ANY DATA CONTAINED IN YOUR SUBMISSION WERE COLLECTED.	
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10. PERSON TO WHOM INQUIRIES CONCERNING DATA SHOULD BE ADDRESSED WITH TELEPHONE NUMBER (AND ADDRESS IF OTHER THAN IN ITEM-1)			
Michael L. Crane NOAA/Edis AEIDC 707 A St. Anchorage, AK 99501 Ph: (907) 279-4523			

C. DATA FORMAT

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

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" "	2 (Sediment Size Analysis Record)
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3. ATTRIBUTES AS EXPRESSED IN PL-1 ALGOL COBOL
 FORTRAN _____ LANGUAGE

4. RESPONSIBLE COMPUTER SPECIALIST:

NAME AND PHONE NUMBER Michael L. Crane (907) 279-4523
 ADDRESS NOAA/EDIS, AEIDC, 707 A Street, Anchorage, AK 99501

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> <hr/> <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> <hr/> <p>7. PARITY</p> <p><input checked="" type="checkbox"/> ODD</p> <p><input type="checkbox"/> EVEN</p> <hr/> <p>8. DENSITY</p> <p><input type="checkbox"/> 200 BPI <input checked="" type="checkbox"/> 1600 BPI</p> <p><input type="checkbox"/> 556 BPI</p> <p><input type="checkbox"/> 800 BPI</p> <p><input type="checkbox"/> _____</p>	<p>9. LENGTH OF INTER-RECORD GAP (IF KNOWN) <input checked="" type="checkbox"/> 3/4 INCH</p> <p><input type="checkbox"/> _____</p> <hr/> <p>10. END OF FILE MARK</p> <p><input type="checkbox"/> OCTAL 17</p> <p><input type="checkbox"/> _____</p> <hr/> <p>11. PASTE-ON-PAPER LABEL DESCRIPTION (INCLUDE ORIGINATOR NAME AND SOME LAY SPECIFICATIONS OF DATA TYPE, VOLUME NUMBER)</p> <p style="text-align: center;">106 100 771018</p> <p style="text-align: center;">77/10/18 WEBBER</p> <p style="text-align: center;">9TRK,1600BPI, ODD, EBCDIC</p> <hr/> <p>12. PHYSICAL BLOCK LENGTH IN BYTES</p> <p style="text-align: center;">4,000 characters/block</p> <hr/> <p>13. LENGTH OF BYTES IN BITS</p> <p>_____</p>
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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 20882

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

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Dr. Herbert L. Webber Huxley College of Environmental Studies Western Washington State University Bellingham, WA 98225			
2. EXPEDITION, PROJECT, OR PROGRAM DURING WHICH DATA WERE COLLECTED		3. CRUISE NUMBER(S) USED BY ORIGINATOR TO IDENTIFY DATA IN THIS SHIPMENT	
NOAA, MESA Puget Sound Project R.U. 106		771103	
4. PLATFORM NAME(S)	5. PLATFORM TYPE(S) (E.G., SHIP, BUOY, ETC.)	6. PLATFORM AND OPERATOR NATIONALITY(IES)	7. DATES
		PLATFORM OPERATOR	FROM: MO, DAY, YR TO: MO, DAY, YR
			11/03/77 11/03/77
8. ARE DATA PROPRIETARY? <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES IF YES, WHEN CAN THEY BE RELEASED FOR GENERAL USE? YEAR _____ MONTH _____		11. PLEASE DARKEN ALL MARSDEN SQUARES IN WHICH ANY DATA CONTAINED IN YOUR SUBMISSION WERE COLLECTED.	
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 checked="" type="checkbox"/> YES <input type="checkbox"/> PART (SPECIFY BELOW)		GENERAL AREA	
10. PERSON TO WHOM INQUIRIES CONCERNING DATA SHOULD BE ADDRESSED WITH TELEPHONE NUMBER (AND ADDRESS IF OTHER THAN IN ITEM-1) Michael L. Crane NOAA/Edis AEIDC 707 A St. Anchorage, AK 99501 Ph: (907) 279-4523			

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 1	(Station Header Record)
" "	2 (Sediment Size Analysis Record)
" "	3 (Biological Sample Description)
" "	4 (Species Identification Record)
" "	7 (Text Record)

2. GIVE BRIEF DESCRIPTION OF FILE ORGANIZATION

Each record is 80 characters in length. Record types are sorted by station and sequence numbers for proper order. Each record type is a new station header record.

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

4. RESPONSIBLE COMPUTER SPECIALIST:

NAME AND PHONE NUMBER Michael L. Crane (907) 279-4523

ADDRESS NOAA/EDIS, AEIDC, 707 A Street, Anchorage, AK 99501

COMPLETE THIS SECTION IF DATA ARE ON MAGNETIC TAPE

<p>5. RECORDING MODE</p> <p><input type="checkbox"/> BCD <input type="checkbox"/> BINARY</p> <p><input type="checkbox"/> ASCII <input checked="" type="checkbox"/> EBCDIC</p> <p><input type="checkbox"/> _____</p>	<p>9. LENGTH OF INTER-RECORD GAP (IF KNOWN) <input checked="" type="checkbox"/> 3/4 INCH <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>11. PASTE-ON-PAPER LABEL DESCRIPTION (INCLUDE ORIGINATOR NAME AND SOME LAY SPECIFICATIONS OF DATA TYPE, VOLUME NUMBER)</p> <p style="text-align: center; padding: 10px 0;">106 100 771103</p> <p style="text-align: center; padding: 5px 0;">77/11/03 WEBBER</p> <p style="text-align: center; padding: 5px 0;">9TRK, 1600BPI, ODD, EBCDIC</p>
<p>8. DENSITY</p> <p><input type="checkbox"/> 200 BPI <input checked="" type="checkbox"/> 1600 BPI</p> <p><input type="checkbox"/> 556 BPI</p> <p><input type="checkbox"/> 800 BPI</p> <p><input type="checkbox"/> _____</p>	<p>12. PHYSICAL BLOCK LENGTH IN BYTES</p> <p style="text-align: center;">4,000 characters/block</p> <p>13. LENGTH OF BYTES IN BITS</p> <p>_____</p>

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.

A. ORIGINATOR IDENTIFICATION

THIS SECTION MUST BE COMPLETED BY DONOR FOR ALL DATA TRANSMITTALS

1. NAME AND ADDRESS OF INSTITUTION, LABORATORY, OR ACTIVITY WITH WHICH SUBMITTED DATA ARE ASSOCIATED Dr. Herbert L. Webber Huxley College of Environmental Studies Western Washington State University Bellingham, WA 98225			
2. EXPEDITION, PROJECT, OR PROGRAM DURING WHICH DATA WERE COLLECTED NOAA, MESA Puget Sound Project R.U. 106		3. CRUISE NUMBER(S) USED BY ORIGINATOR TO IDENTIFY DATA IN THIS SHIPMENT 771015	
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
		10/15/77	10/15/77
8. ARE DATA PROPRIETARY? <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES IF YES, WHEN CAN THEY BE RELEASED FOR GENERAL USE? YEAR _____ MONTH _____		11. PLEASE DARKEN ALL MARSDEN SQUARES IN WHICH ANY DATA CONTAINED IN YOUR SUBMISSION WERE COLLECTED. GENERAL AREA	
9. ARE DATA DECLARED NATIONAL PROGRAM (DNP)? (I.E., SHOULD THEY BE INCLUDED IN WORLD DATA CENTERS HOLDINGS FOR INTERNATIONAL EXCHANGE?) <input type="checkbox"/> NO <input checked="" 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) Michael L. Crane NOAA/Edis AEIDC 707 A St. Anchorage, AK 99501 Ph: (907) 279-4523			

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	1	(Station Header Record)
"	"	2 (Sediment Size Analysis Record)
"	"	3 (Biological Sample Description)
"	"	4 (Species Identification Record)
"	"	7 (Text Record)

2. GIVE BRIEF DESCRIPTION OF FILE ORGANIZATION

Each record is 80 characters in length. Record types are sorted by station and sequence numbers for proper order. Each record type is a new station header record.

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

4. RESPONSIBLE COMPUTER SPECIALIST:

NAME AND PHONE NUMBER Michael L. Crane (907) 279-4523

ADDRESS NOAA/EDIS, AEIDC, 707 A Street, Anchorage, AK 99501

COMPLETE THIS SECTION IF DATA ARE ON MAGNETIC TAPE

5. RECORDING MODE <input type="checkbox"/> BCD <input type="checkbox"/> BINARY <input type="checkbox"/> ASCII <input checked="" type="checkbox"/> EBCDIC <input type="checkbox"/> _____	9. LENGTH OF INTER-RECORD GAP (IF KNOWN) <input checked="" type="checkbox"/> 3/4 INCH <input type="checkbox"/> _____
	10. END OF FILE MARK <input type="checkbox"/> OCTAL 17 <input type="checkbox"/> _____
6. NUMBER OF TRACKS (CHANNELS) <input type="checkbox"/> SEVEN <input checked="" type="checkbox"/> NINE <input type="checkbox"/> _____	11. PASTE-ON-PAPER LABEL DESCRIPTION (INCLUDE ORIGINATOR NAME AND SOME LAY SPECIFICATIONS OF DATA TYPE, VOLUME NUMBER) 106 100 771015 77/10/15 WEBBER 9TRK, 1600BPI, ODD, EBCDIC
7. PARITY <input checked="" type="checkbox"/> ODD <input type="checkbox"/> EVEN	
8. DENSITY <input type="checkbox"/> 200 BPI <input checked="" type="checkbox"/> 1600 BPI <input type="checkbox"/> 556 BPI <input type="checkbox"/> 800 BPI <input type="checkbox"/> _____	12. PHYSICAL BLOCK LENGTH IN BYTES 4,000 characters/block
	13. LENGTH OF BYTES IN BITS

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

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A. ORIGINATOR IDENTIFICATION

THIS SECTION MUST BE COMPLETED BY DONOR FOR ALL DATA TRANSMITTALS

1. NAME AND ADDRESS OF INSTITUTION, LABORATORY, OR ACTIVITY WITH WHICH SUBMITTED DATA ARE ASSOCIATED			
Dr. Herbert L. Webber Huxley College of Environmental Studies Western Washington State University Bellingham, WA 98225			
2. EXPEDITION, PROJECT, OR PROGRAM DURING WHICH DATA WERE COLLECTED		3. CRUISE NUMBER(S) USED BY ORIGINATOR TO IDENTIFY DATA IN THIS SHIPMENT	
NOAA, MESA Puget Sound Project R.U. 106		780213	
4. PLATFORM NAME(S)	5. PLATFORM TYPE(S) (E.G., SHIP, BUOY, ETC.)	6. PLATFORM AND OPERATOR NATIONALITY(IES)	7. DATES
		PLATFORM OPERATOR	FROM: MO/PAY/YR TO: MO/DAY/YR
			02/13/78 02/13/78
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.	
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 checked="" type="checkbox"/> YES <input type="checkbox"/> PART (SPECIFY BELOW)		GENERAL AREA	
10. PERSON TO WHOM INQUIRIES CONCERNING DATA SHOULD BE ADDRESSED WITH TELEPHONE NUMBER (AND ADDRESS IF OTHER THAN IN ITEM-1) Michael L. Crane NOAA/Edis AEIDC 707 A St. Anchorage, AK 99501 Ph: (907) 279-4523			

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 1	(Station Header Record)
" "	2 (Sediment Size Analysis Record)
" "	3 (Biological Sample Description)
" "	4 (Species Identification Record)
" "	7 (Text Record)

2. GIVE BRIEF DESCRIPTION OF FILE ORGANIZATION

Each record is 80 characters in length. Record types are sorted by station and sequence numbers for proper order. Each record type is a new station header record.

3. ATTRIBUTES AS EXPRESSED IN

<input type="checkbox"/> PL-1	<input type="checkbox"/> ALGOL	<input type="checkbox"/> COBOL
<input type="checkbox"/> FORTRAN	<input type="checkbox"/> _____	LANGUAGE

4. RESPONSIBLE COMPUTER SPECIALIST:

NAME AND PHONE NUMBER Michael L. Crane (907) 279-4523
 ADDRESS NOAA/EDIS, AEIDC, 707 A Street, Anchorage, AK 99501

COMPLETE THIS SECTION IF DATA ARE ON MAGNETIC TAPE

<p>5. RECORDING MODE</p> <p><input type="checkbox"/> BCD <input type="checkbox"/> BINARY</p> <p><input type="checkbox"/> ASCII <input checked="" type="checkbox"/> EBCDIC</p> <p><input type="checkbox"/> _____</p>	<p>9. LENGTH OF INTER-RECORD GAP (IF KNOWN) <input checked="" type="checkbox"/> 3/4 INCH</p> <p><input type="checkbox"/> _____</p>
<p>6. NUMBER OF TRACKS (CHANNELS)</p> <p><input type="checkbox"/> SEVEN</p> <p><input checked="" type="checkbox"/> NINE</p> <p><input type="checkbox"/> _____</p>	<p>10. END OF FILE MARK</p> <p><input 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 style="text-align: center;">106 100 780213</p> <p style="text-align: center;">78/02/13 WEBBER</p> <p style="text-align: center;">9TRK, 1600BPI, ODD, EBCDIC</p>
<p>8. DENSITY</p> <p><input type="checkbox"/> 200 BPI <input checked="" type="checkbox"/> 1600 BPI</p> <p><input type="checkbox"/> 556 BPI</p> <p><input type="checkbox"/> 800 BPI</p> <p><input type="checkbox"/> _____</p>	<p>12. PHYSICAL BLOCK LENGTH IN BYTES</p> <p style="text-align: center;">4,000 characters/block</p> <p>13. LENGTH OF BYTES IN BITS</p> <p>_____</p>

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.N.B. No. 41-R2651

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A. ORIGINATOR IDENTIFICATION

THIS SECTION MUST BE COMPLETED BY DONOR FOR ALL DATA TRANSMITTALS

1. NAME AND ADDRESS OF INSTITUTION, LABORATORY, OR ACTIVITY WITH WHICH SUBMITTED DATA ARE ASSOCIATED			
Dr. Herbert L. Webber Huxley College of Environmental Studies Western Washington State University Bellingham, WA 98225			
2. EXPEDITION, PROJECT, OR PROGRAM DURING WHICH DATA WERE COLLECTED		3. CRUISE NUMBER(S) USED BY ORIGINATOR TO IDENTIFY DATA IN THIS SHIPMENT	
NOAA, MESA Puget Sound Project R.U. 106		780107	
4. PLATFORM NAME(S)	5. PLATFORM TYPE(S) (E.G., SHIP, BUOY, ETC.)	6. PLATFORM AND OPERATOR NATIONALITY(IES)	7. DATES
		PLATFORM OPERATOR	FROM: MO/DAY/YR TO: MO/DAY/YR
			01/07/78 01/07/78
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.	
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 checked="" type="checkbox"/> YES <input type="checkbox"/> PART (SPECIFY BELOW)		GENERAL AREA 	
10. PERSON TO WHOM INQUIRIES CONCERNING DATA SHOULD BE ADDRESSED WITH TELEPHONE NUMBER (AND ADDRESS IF OTHER THAN IN ITEM-1)			
Michael L. Crane NOAA/Edis AEIDC 707 A St. Anchorage, AK 99501 Ph: (907) 279-4523			

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	1	(Station Header Record)
"	"	2 (Sediment Size Analysis Record)
"	"	3 (Biological Sample Description)
"	"	4 (Species Identification Record)
"	"	7 (Text Record)

2. GIVE BRIEF DESCRIPTION OF FILE ORGANIZATION

Each record is 80 characters in length. Record types are sorted by station and sequence numbers for proper order. Each record type is a new station header record.

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

4. RESPONSIBLE COMPUTER SPECIALIST:

NAME AND PHONE NUMBER Michael L. Crane (907) 279-4523

ADDRESS NOAA/EDIS, AEIDC, 707 A Street, Anchorage, AK 99501

COMPLETE THIS SECTION IF DATA ARE ON MAGNETIC TAPE

<p>5. RECORDING MODE</p> <p><input type="checkbox"/> BCD <input type="checkbox"/> BINARY</p> <p><input type="checkbox"/> ASCII <input checked="" type="checkbox"/> EBCDIC</p> <p><input type="checkbox"/> _____</p>	<p>9. LENGTH OF INTER-RECORD GAP (IF KNOWN) <input checked="" type="checkbox"/> 3/4 INCH</p> <p><input type="checkbox"/> _____</p>
<p>6. NUMBER OF TRACKS (CHANNELS)</p> <p><input type="checkbox"/> SEVEN</p> <p><input checked="" type="checkbox"/> NINE</p> <p><input type="checkbox"/> _____</p>	<p>10. END OF FILE MARK</p> <p><input 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 style="text-align: center; margin-top: 20px;">106 100 780107</p> <p style="text-align: center; margin-top: 10px;">78/01/07 WEBBER</p> <p style="text-align: center; margin-top: 5px;">9TRK,1600BPI, ODD, EBCDIC</p>
<p>8. DENSITY</p> <p><input type="checkbox"/> 200 BPI <input checked="" type="checkbox"/> 1600 BPI</p> <p><input type="checkbox"/> 556 BPI</p> <p><input type="checkbox"/> 800 BPI</p> <p><input type="checkbox"/> _____</p>	<p>12. PHYSICAL BLOCK LENGTH IN BYTES</p> <p style="text-align: center; margin-top: 5px;">4,000 characters/block</p> <p>13. LENGTH OF BYTES IN BITS</p> <p>_____</p>

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

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A. ORIGINATOR IDENTIFICATION

THIS SECTION MUST BE COMPLETED BY DONOR FOR ALL DATA TRANSMITTALS

<p>1. NAME AND ADDRESS OF INSTITUTION, LABORATORY, OR ACTIVITY WITH WHICH SUBMITTED DATA ARE ASSOCIATED</p> <p>Dr. Herbert L. Webber Huxley College of Environmental Studies Western Washington State University Bellingham, WA 98225</p>											
<p>2. EXPEDITION, PROJECT, OR PROGRAM DURING WHICH DATA WERE COLLECTED</p> <p>NOAA, MESA Puget Sound Project R.U. 106</p>		<p>3. CRUISE NUMBER(S) USED BY ORIGINATOR TO IDENTIFY DATA IN THIS SHIPMENT</p> <p>780206</p>									
<p>4. PLATFORM NAME(S)</p>	<p>5. PLATFORM TYPE(S) (E.G., SHIP, BUOY, ETC.)</p>	<p>6. PLATFORM AND OPERATOR NATIONALITY(IES)</p> <table border="1"> <thead> <tr> <th>PLATFORM</th> <th>OPERATOR</th> </tr> </thead> <tbody> <tr> <td></td> <td></td> </tr> </tbody> </table>	PLATFORM	OPERATOR			<p>7. DATES</p> <table border="1"> <thead> <tr> <th>FROM: MO/DAY/YR</th> <th>TO: MO/DAY/YR</th> </tr> </thead> <tbody> <tr> <td>02/06/78</td> <td>02/06/78</td> </tr> </tbody> </table>	FROM: MO/DAY/YR	TO: MO/DAY/YR	02/06/78	02/06/78
PLATFORM	OPERATOR										
FROM: MO/DAY/YR	TO: MO/DAY/YR										
02/06/78	02/06/78										
<p>8. ARE DATA PROPRIETARY?</p> <p><input checked="" type="checkbox"/> NO <input type="checkbox"/> YES</p> <p>IF YES, WHEN CAN THEY BE RELEASED FOR GENERAL USE? YEAR _____ MONTH _____</p>		<p>11. PLEASE DARKEN ALL MARSDEN SQUARES IN WHICH ANY DATA CONTAINED IN YOUR SUBMISSION WERE COLLECTED.</p> <p style="text-align: center;">GENERAL AREA</p>									
<p>9. ARE DATA DECLARED NATIONAL PROGRAM (DNP)? (I.E., SHOULD THEY BE INCLUDED IN WORLD DATA CENTERS HOLDINGS FOR INTERNATIONAL EXCHANGE?)</p> <p><input type="checkbox"/> NO <input checked="" type="checkbox"/> YES <input type="checkbox"/> PART (SPECIFY BELOW)</p>		<p>10. PERSON TO WHOM INQUIRIES CONCERNING DATA SHOULD BE ADDRESSED WITH TELEPHONE NUMBER (AND ADDRESS IF OTHER THAN IN ITEM-1)</p> <p>Michael L. Crane NOAA/Edis AEIDC 707 A St. Anchorage, AK 99501 Ph: (907) 279-4523</p>									

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	1	(Station Header Record)
"	"	2 (Sediment Size Analysis Record)
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"	"	7 (Text Record)

2. GIVE BRIEF DESCRIPTION OF FILE ORGANIZATION

Each record is 80 characters in length. Record types are sorted by station and sequence numbers for proper order. Each record type is a new station header record.

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

4. RESPONSIBLE COMPUTER SPECIALIST:

NAME AND PHONE NUMBER Michael L. Crane (907) 279-4523

ADDRESS NOAA/EDIS, AEIDC, 707 A Street, Anchorage, AK 99501

COMPLETE THIS SECTION IF DATA ARE ON MAGNETIC TAPE

<p>5. RECORDING MODE</p> <p><input type="checkbox"/> BCD <input type="checkbox"/> BINARY</p> <p><input type="checkbox"/> ASCII <input checked="" type="checkbox"/> EBCDIC</p> <p><input type="checkbox"/> _____</p>	<p>9. LENGTH OF INTER-RECORD GAP (IF KNOWN) <input checked="" type="checkbox"/> 3/4 INCH</p> <p><input type="checkbox"/> _____</p>
<p>6. NUMBER OF TRACKS (CHANNELS)</p> <p><input type="checkbox"/> SEVEN</p> <p><input checked="" type="checkbox"/> NINE</p> <p><input type="checkbox"/> _____</p>	<p>10. END OF FILE MARK</p> <p><input 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 style="text-align: center; margin-top: 20px;">106 100 780206</p> <p style="margin-top: 10px;">78/02/06 WEBBER</p> <p style="margin-top: 5px;">9TRK, 1600BPI, ODD, EBCDIC</p>
<p>8. DENSITY</p> <p><input type="checkbox"/> 200 BPI <input checked="" type="checkbox"/> 1600 BPI</p> <p><input type="checkbox"/> 556 BPI</p> <p><input type="checkbox"/> 800 BPI</p> <p><input type="checkbox"/> _____</p>	<p>12. PHYSICAL BLOCK LENGTH IN BYTES</p> <p style="text-align: center;">4,000 characters/block</p> <p>13. LENGTH OF BYTES IN BITS</p> <p>_____</p>

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

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2. EXPEDITION, PROJECT, OR PROGRAM DURING WHICH DATA WERE COLLECTED NOAA, MESA Puget Sound Project R.U. 106		3. CRUISE NUMBER(S) USED BY ORIGINATOR TO IDENTIFY DATA IN THIS SHIPMENT 780108	
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
		01/08/78	01/08/78
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 MARDEN 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 DATA EXCHANGE?) <input type="checkbox"/> NO <input checked="" 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) Michael L. Crane NOAA/Edis AEIDC 707 A St. Anchorage, AK 99501 Ph: (907) 279-4523			

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 1	(Station Header Record)
" "	2 (Sediment Size Analysis Record)
" "	3 (Biological Sample Description)
" "	4 (Species Identification Record)
" "	7 (Text Record)

2. GIVE BRIEF DESCRIPTION OF FILE ORGANIZATION

Each record is 80 characters in length. Record types are sorted by station and sequence numbers for proper order. Each record type is a new station header record.

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

4. RESPONSIBLE COMPUTER SPECIALIST:

NAME AND PHONE NUMBER Michael L. Crane (907) 279-4523
 ADDRESS NOAA/EDIS, AEIDC, 707 A Street, Anchorage, AK 99501

COMPLETE THIS SECTION IF DATA ARE ON MAGNETIC TAPE

<p>5. RECORDING MODE</p> <p><input type="checkbox"/> BCD <input type="checkbox"/> BINARY</p> <p><input type="checkbox"/> ASCII <input checked="" type="checkbox"/> EBCDIC</p> <p><input type="checkbox"/> _____</p>	<p>9. LENGTH OF INTER-RECORD GAP (IF KNOWN) <input checked="" type="checkbox"/> 3/4 INCH</p> <p><input type="checkbox"/> _____</p>
<p>6. NUMBER OF TRACKS (CHANNELS)</p> <p><input type="checkbox"/> SEVEN</p> <p><input checked="" type="checkbox"/> NINE</p> <p><input type="checkbox"/> _____</p>	<p>10. END OF FILE MARK</p> <p><input 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 style="text-align: center;">106 100 780108</p> <p style="text-align: center;">78/01/08 WEBBER</p> <p style="text-align: center;">9TRK, 1600BPI, ODD, EBCDIC</p>
<p>8. DENSITY</p> <p><input type="checkbox"/> 200 BPI <input checked="" type="checkbox"/> 1600 BPI</p> <p><input type="checkbox"/> 556 BPI</p> <p><input type="checkbox"/> 800 BPI</p> <p><input type="checkbox"/> _____</p>	<p>12. PHYSICAL BLOCK LENGTH IN BYTES</p> <p style="text-align: center;">4,000 characters/block</p> <p>13. LENGTH OF BYTES IN BITS</p> <p style="text-align: center;">4</p>

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.

A. ORIGINATOR IDENTIFICATION

THIS SECTION MUST BE COMPLETED BY DONOR FOR ALL DATA TRANSMITTALS

1. NAME AND ADDRESS OF INSTITUTION, LABORATORY, OR ACTIVITY WITH WHICH SUBMITTED DATA ARE ASSOCIATED			
Dr. Herbert L. Webber Huxley College of Environmental Studies Western Washington State University Bellingham, WA 98225			
2. EXPEDITION, PROJECT, OR PROGRAM DURING WHICH DATA WERE COLLECTED		3. CRUISE NUMBER(S) USED BY ORIGINATOR TO IDENTIFY DATA IN THIS SHIPMENT	
NOAA, MESA Puget Sound Project R.U. 106		780124	
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
		01/24/78	01/24/78
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.	
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 checked="" type="checkbox"/> YES <input type="checkbox"/> PART (SPECIFY BELOW)		GENERAL AREA 	
10. PERSON TO WHOM INQUIRIES CONCERNING DATA SHOULD BE ADDRESSED WITH TELEPHONE NUMBER (AND ADDRESS IF OTHER THAN IN ITEM-1) Michael L. Crane NOAA/Edis AEIDC 707 A St. Anchorage, AK 99501 Ph: (907) 279-4523			

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 1	(Station Header Record)
" "	2 (Sediment Size Analysis Record)
" "	3 (Biological Sample Description)
" "	4 (Species Identification Record)
" "	7 (Text Record)

2. GIVE BRIEF DESCRIPTION OF FILE ORGANIZATION

Each record is 80 characters in length. Record types are sorted by station and sequence numbers for proper order. Each record type is a new station header record.

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

4. RESPONSIBLE COMPUTER SPECIALIST:

NAME AND PHONE NUMBER Michael L. Crane (907) 279-4523

ADDRESS NOAA/EDIS, AEIDC, 707 A Street, Anchorage, AK 99501

COMPLETE THIS SECTION IF DATA ARE ON MAGNETIC TAPE

<p>5. RECORDING MODE</p> <p><input type="checkbox"/> BCD <input type="checkbox"/> BINARY</p> <p><input type="checkbox"/> ASCII <input checked="" type="checkbox"/> EBCDIC</p> <p><input type="checkbox"/> _____</p>	<p>9. LENGTH OF INTER-RECORD GAP (IF KNOWN) <input checked="" type="checkbox"/> 3/4 INCH <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>11. PASTE-ON-PAPER LABEL DESCRIPTION (INCLUDE ORIGINATOR NAME AND SOME LAY SPECIFICATIONS OF DATA TYPE, VOLUME NUMBER)</p> <p style="text-align: center;">106 100 780124</p> <p style="text-align: center;">78/01/24 WEBBER</p> <p style="text-align: center;">9TRK, 1600BPI, ODD, EBCDIC</p>
<p>8. DENSITY</p> <p><input type="checkbox"/> 200 BPI <input checked="" type="checkbox"/> 1600 BPI</p> <p><input type="checkbox"/> 556 BPI</p> <p><input type="checkbox"/> 800 BPI</p> <p><input type="checkbox"/> _____</p>	<p>12. PHYSICAL BLOCK LENGTH IN BYTES</p> <p style="text-align: center;">4,000 characters/block</p> <p>13. LENGTH OF BYTES IN BITS</p> <p style="text-align: center;">4</p>

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.

A. ORIGINATOR IDENTIFICATION

THIS SECTION MUST BE COMPLETED BY DONOR FOR ALL DATA TRANSMITTALS

1. NAME AND ADDRESS OF INSTITUTION, LABORATORY, OR ACTIVITY WITH WHICH SUBMITTED DATA ARE ASSOCIATED Dr. Herbert L. Webber Huxley College of Environmental Studies Western Washington State University Bellingham, WA 98225			
2. EXPEDITION, PROJECT, OR PROGRAM DURING WHICH DATA WERE COLLECTED NOAA, MESA Puget Sound Project R.U. 106		3. CRUISE NUMBER(S) USED BY ORIGINATOR TO IDENTIFY DATA IN THIS SHIPMENT 780106	
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
		01/06/78	01/06/78
8. ARE DATA PROPRIETARY? <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES IF YES, WHEN CAN THEY BE RELEASED FOR GENERAL USE? YEAR _____ MONTH _____		11. PLEASE DARKEN ALL MARSDEN SQUARES IN WHICH ANY DATA CONTAINED IN YOUR SUBMISSION WERE COLLECTED. GENERAL AREA	
9. ARE DATA DECLARED NATIONAL PROGRAM (DNP)? (I.E., SHOULD THEY BE INCLUDED IN WORLD DATA CENTERS HOLDINGS FOR INTERNATIONAL EXCHANGE?) <input type="checkbox"/> NO <input checked="" 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) Michael L. Crane NOAA/Edis AEIDC 707 A St. Anchorage, AK 99501 Ph: (907) 279-4523			

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	1	(Station Header Record)
"	"	2 (Sediment Size Analysis Record)
"	"	3 (Biological Sample Description)
"	"	4 (Species Identification Record)
"	"	7 (Text Record)

2. GIVE BRIEF DESCRIPTION OF FILE ORGANIZATION

Each record is 80 characters in length. Record types are sorted by station and sequence numbers for proper order. Each record type is a new station header record.

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

4. RESPONSIBLE COMPUTER SPECIALIST:

NAME AND PHONE NUMBER Michael L. Crane (907) 279-4523

ADDRESS NOAA/EDIS, AEIDC, 707 A Street, Anchorage, AK 99501

COMPLETE THIS SECTION IF DATA ARE ON MAGNETIC TAPE

5. RECORDING MODE <input type="checkbox"/> BCD <input type="checkbox"/> BINARY <input type="checkbox"/> ASCII <input checked="" type="checkbox"/> EBCDIC <input type="checkbox"/> _____	9. LENGTH OF INTER-RECORD GAP (IF KNOWN) <input checked="" type="checkbox"/> 3/4 INCH <input type="checkbox"/> _____
6. NUMBER OF TRACKS (CHANNELS) <input type="checkbox"/> SEVEN <input checked="" type="checkbox"/> NINE <input type="checkbox"/> _____	10. END OF FILE MARK <input type="checkbox"/> OCTAL 17 <input type="checkbox"/> _____
7. PARITY <input checked="" type="checkbox"/> ODD <input type="checkbox"/> EVEN	11. PASTE-ON-PAPER LABEL DESCRIPTION (INCLUDE ORIGINATOR NAME AND SOME LAY SPECIFICATIONS OF DATA TYPE, VOLUME NUMBER) 106 100 780106 78/01/06 WEBBER 9TRK, 1600BPI, ODD, EBCDIC
8. DENSITY <input type="checkbox"/> 200 BPI <input checked="" type="checkbox"/> 1600 BPI <input type="checkbox"/> 556 BPI <input type="checkbox"/> 800 BPI <input type="checkbox"/> _____	
	13. LENGTH OF BYTES IN BITS _____

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

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A. ORIGINATOR IDENTIFICATION

THIS SECTION MUST BE COMPLETED BY DONOR FOR ALL DATA TRANSMITTALS

1. NAME AND ADDRESS OF INSTITUTION, LABORATORY, OR ACTIVITY WITH WHICH SUBMITTED DATA ARE ASSOCIATED			
Dr. Herbert L. Webber Huxley College of Environmental Studies Western Washington State University Bellingham, WA 98225			
2. EXPEDITION, PROJECT, OR PROGRAM DURING WHICH DATA WERE COLLECTED		3. CRUISE NUMBER(S) USED BY ORIGINATOR TO IDENTIFY DATA IN THIS SHIPMENT	
NOAA, MESA Puget Sound Project R.U. 106		780508	
4. PLATFORM NAME(S)	5. PLATFORM TYPE(S) (E.G., SHIP, BUOY, ETC.)	6. PLATFORM AND OPERATOR NATIONALITY(IES)	7. DATES
		PLATFORM OPERATOR	FROM: MO/DAY/YR TO: MO/DAY/YR
			05/08/78 05/08/78
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.	
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 checked="" type="checkbox"/> YES <input type="checkbox"/> PART (SPECIFY BELOW)		GENERAL AREA 	
10. PERSON TO WHOM INQUIRIES CONCERNING DATA SHOULD BE ADDRESSED WITH TELEPHONE NUMBER (AND ADDRESS IF OTHER THAN IN ITEM-1)			
Michael L. Crane NOAA/Edis AEIDC 707 A St. Anchorage, AK 99501 Ph: (907) 279-4523			

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 1	(Station Header Record)
" "	2 (Sediment Size Analysis Record)
" "	3 (Biological Sample Description)
" "	4 (Species Identification Record)
" "	7 (Text Record)

2. GIVE BRIEF DESCRIPTION OF FILE ORGANIZATION

Each record is 80 characters in length. Record types are sorted by station and sequence numbers for proper order. Each record type is a new station header record.

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

4. RESPONSIBLE COMPUTER SPECIALIST:

NAME AND PHONE NUMBER Michael L. Crane (907) 279-4523
 ADDRESS NOAA/EDIS, AEIDC, 707 A Street, Anchorage, AK 99501

COMPLETE THIS SECTION IF DATA ARE ON MAGNETIC TAPE

<p>5. RECORDING MODE</p> <p><input type="checkbox"/> BCD <input type="checkbox"/> BINARY</p> <p><input type="checkbox"/> ASCII <input checked="" type="checkbox"/> EBCDIC</p> <p><input type="checkbox"/> _____</p>	<p>9. LENGTH OF INTER-RECORD GAP (IF KNOWN) <input checked="" type="checkbox"/> 3/4 INCH</p> <p><input type="checkbox"/> _____</p>
<p>6. NUMBER OF TRACKS (CHANNELS)</p> <p><input type="checkbox"/> SEVEN</p> <p><input checked="" type="checkbox"/> NINE</p> <p><input type="checkbox"/> _____</p>	<p>10. END OF FILE MARK</p> <p><input 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 style="text-align: center; margin-top: 10px;">106 100 780508</p> <p style="text-align: center; margin-top: 10px;">78/05/08 WEBBER</p> <p style="text-align: center; margin-top: 10px;">9TRK, 1600BPI, ODD, EBCDIC</p>
<p>8. DENSITY</p> <p><input type="checkbox"/> 200 BPI <input checked="" type="checkbox"/> 1600 BPI</p> <p><input type="checkbox"/> 556 BPI</p> <p><input type="checkbox"/> 800 BPI</p> <p><input type="checkbox"/> _____</p>	<p>12. PHYSICAL BLOCK LENGTH IN BYTES</p> <p style="text-align: center; margin-top: 5px;">4,000 characters/block</p> <p>13. LENGTH OF BYTES IN BITS</p> <p style="text-align: center; margin-top: 5px;">4</p>

DATA DOCUMENTATION FORM

NOAA FORM 24-13
(4-72)

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

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

This form should accompany all data submissions to NODC. Section A, Originator Identification, must be completed when the data are submitted. It is highly desirable for NODC to also receive the remaining pertinent information at that time. This may be most easily accomplished by attaching reports, publications, or manuscripts which are readily available describing data collection, analysis, and format specifics. Readable, handwritten submissions are acceptable in all cases. All data shipments should be sent to the above address.

A. ORIGINATOR IDENTIFICATION

THIS SECTION MUST BE COMPLETED BY DONOR FOR ALL DATA TRANSMITTALS

1. NAME AND ADDRESS OF INSTITUTION, LABORATORY, OR ACTIVITY WITH WHICH SUBMITTED DATA ARE ASSOCIATED			
Dr. Herbert L. Webber Huxley College of Environmental Studies Western Washington State University Bellingham, WA 98225			
2. EXPEDITION, PROJECT, OR PROGRAM DURING WHICH DATA WERE COLLECTED		3. CRUISE NUMBER(S) USED BY ORIGINATOR TO IDENTIFY DATA IN THIS SHIPMENT	
NOAA, MESA Puget Sound Project R.U. 106		780426	
4. PLATFORM NAME(S)	5. PLATFORM TYPE(S) (E.G., SHIP, BUOY, ETC.)	6. PLATFORM AND OPERATOR NATIONALITY(IES)	7. DATES
		PLATFORM OPERATOR	FROM: MO/DAY/YR TO: MO/DAY/YR
			04/26/78 04/26/78
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.	
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 checked="" type="checkbox"/> YES <input type="checkbox"/> PART (SPECIFY BELOW)		GENERAL AREA 	
10. PERSON TO WHOM INQUIRIES CONCERNING DATA SHOULD BE ADDRESSED WITH TELEPHONE NUMBER (AND ADDRESS IF OTHER THAN IN ITEM-1) Michael L. Crane NOAA/Edis AEIDC 707 A St. Anchorage, AK 99501 Ph: (907) 279-4523			

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

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A. ORIGINATOR IDENTIFICATION

THIS SECTION MUST BE COMPLETED BY DONOR FOR ALL DATA TRANSMITTALS

1. NAME AND ADDRESS OF INSTITUTION, LABORATORY, OR ACTIVITY WITH WHICH SUBMITTED DATA ARE ASSOCIATED			
Dr. Herbert L. Webber Huxley College of Environmental Studies Western Washington State University Bellingham, WA 98225			
2. EXPEDITION, PROJECT, OR PROGRAM DURING WHICH DATA WERE COLLECTED		3. CRUISE NUMBER(S) USED BY ORIGINATOR TO IDENTIFY DATA IN THIS SHIPMENT	
NOAA, MESA Puget Sound Project R.U. 106		780516	
4. PLATFORM NAME(S)	5. PLATFORM TYPE(S) (E.G., SHIP, BUOY, ETC.)	6. PLATFORM AND OPERATOR NATIONALITY(IES)	7. DATES
		PLATFORM OPERATOR	FROM: MO/DAY/YR TO: MO/DAY/YR
			05/16/78 05/16/78
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.	
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 checked="" type="checkbox"/> YES <input type="checkbox"/> PART (SPECIFY BELOW)		GENERAL AREA	
10. PERSON TO WHOM INQUIRIES CONCERNING DATA SHOULD BE ADDRESSED WITH TELEPHONE NUMBER (AND ADDRESS IF OTHER THAN IN ITEM-1) Michael L. Crane NOAA/Edis AEIDC 707 A St. Anchorage, AK 99501 Ph: (907) 279-4523			

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	1	(Station Header Record)
"	"	2 (Sediment Size Analysis Record)
"	"	3 (Biological Sample Description)
"	"	4 (Species Identification Record)
"	"	7 (Text Record)

2. GIVE BRIEF DESCRIPTION OF FILE ORGANIZATION

Each record is 80 characters in length. Record types are sorted by station and sequence numbers for proper order. Each record type is a new station header record.

3. ATTRIBUTES AS EXPRESSED IN

<input type="checkbox"/> PL-1	<input type="checkbox"/> ALGOL	<input type="checkbox"/> COBOL
<input type="checkbox"/> FORTRAN	<input type="checkbox"/> _____	LANGUAGE

4. RESPONSIBLE COMPUTER SPECIALIST:

NAME AND PHONE NUMBER Michael L. Crane (907) 279-4523
 ADDRESS NOAA/EDIS, AEIDC, 707 A Street, Anchorage, AK 99501

COMPLETE THIS SECTION IF DATA ARE ON MAGNETIC TAPE

<p>5. RECORDING MODE</p> <p><input type="checkbox"/> BCD <input type="checkbox"/> BINARY</p> <p><input type="checkbox"/> ASCII <input checked="" type="checkbox"/> EBCDIC</p> <p><input type="checkbox"/> _____</p>	<p>9. LENGTH OF INTER-RECORD GAP (IF KNOWN) <input checked="" type="checkbox"/> 3/4 INCH</p> <p><input type="checkbox"/> _____</p>
<p>6. NUMBER OF TRACKS (CHANNELS)</p> <p><input type="checkbox"/> SEVEN</p> <p><input checked="" type="checkbox"/> NINE</p> <p><input type="checkbox"/> _____</p>	<p>10. END OF FILE MARK</p> <p><input 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 style="text-align: center;">106 100 780516</p> <p style="text-align: center;">78/05/16 WEBBER</p> <p style="text-align: center;">9TRK, 1600BPI, ODD, EBCDIC</p>
<p>8. DENSITY</p> <p><input type="checkbox"/> 200 BPI <input checked="" type="checkbox"/> 1600 BPI</p> <p><input type="checkbox"/> 556 BPI</p> <p><input type="checkbox"/> 800 BPI</p> <p><input type="checkbox"/> _____</p>	<p>12. PHYSICAL BLOCK LENGTH IN BYTES</p> <p style="text-align: center;">4,000 characters/block</p> <p>13. LENGTH OF BYTES IN BITS</p> <p>_____</p>

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

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A. ORIGINATOR IDENTIFICATION

THIS SECTION MUST BE COMPLETED BY DONOR FOR ALL DATA TRANSMITTALS

1. NAME AND ADDRESS OF INSTITUTION, LABORATORY, OR ACTIVITY WITH WHICH SUBMITTED DATA ARE ASSOCIATED			
Dr. Herbert L. Webber Huxley College of Environmental Studies Western Washington State University Bellingham, WA 98225			
2. EXPEDITION, PROJECT, OR PROGRAM DURING WHICH DATA WERE COLLECTED		3. CRUISE NUMBER(S) USED BY ORIGINATOR TO IDENTIFY DATA IN THIS SHIPMENT	
NOAA, MESA Puget Sound Project R.U. 106		780427	
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
		04/27/78	04/27/78
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.	
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 checked="" type="checkbox"/> YES <input type="checkbox"/> PART (SPECIFY BELOW)		GENERAL AREA	
10. PERSON TO WHOM INQUIRIES CONCERNING DATA SHOULD BE ADDRESSED WITH TELEPHONE NUMBER (AND ADDRESS IF OTHER THAN IN ITEM-1) Michael L. Crane NOAA/Edis AEIDC 707 A St. Anchorage, AK 99501 Ph: (907) 279-4523			

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 1	(Station Header Record)
"	"	2 (Sediment Size Analysis Record)
"	"	3 (Biological Sample Description)
"	"	4 (Species Identification Record)
"	"	7 (Text Record)

2. GIVE BRIEF DESCRIPTION OF FILE ORGANIZATION

Each record is 80 characters in length. Record types are sorted by station and sequence numbers for proper order. Each record type is a new station header record.

3. ATTRIBUTES AS EXPRESSED IN

<input type="checkbox"/> PL-1	<input type="checkbox"/> ALGOL	<input type="checkbox"/> COBOL
<input type="checkbox"/> FORTRAN	<input type="checkbox"/> _____	LANGUAGE

4. RESPONSIBLE COMPUTER SPECIALIST:

NAME AND PHONE NUMBER Michael L. Crane (907) 279-4523
ADDRESS NOAA/EDIS, AEIDC, 707 A Street, Anchorage, AK 99501

COMPLETE THIS SECTION IF DATA ARE ON MAGNETIC TAPE

<p>5. RECORDING MODE</p> <table style="width: 100%;"> <tr> <td><input type="checkbox"/> BCD</td> <td><input type="checkbox"/> BINARY</td> </tr> <tr> <td><input type="checkbox"/> ASCII</td> <td><input checked="" type="checkbox"/> EBCDIC</td> </tr> <tr> <td colspan="2"><input type="checkbox"/> _____</td> </tr> </table>	<input type="checkbox"/> BCD	<input type="checkbox"/> BINARY	<input type="checkbox"/> ASCII	<input checked="" type="checkbox"/> EBCDIC	<input type="checkbox"/> _____		<p>9. LENGTH OF INTER-RECORD GAP (IF KNOWN) <input checked="" type="checkbox"/> 3/4 INCH <input type="checkbox"/> _____</p>		
<input type="checkbox"/> BCD	<input type="checkbox"/> BINARY								
<input type="checkbox"/> ASCII	<input checked="" type="checkbox"/> EBCDIC								
<input type="checkbox"/> _____									
<p>6. NUMBER OF TRACKS (CHANNELS)</p> <table style="width: 100%;"> <tr> <td><input type="checkbox"/> SEVEN</td> </tr> <tr> <td><input checked="" type="checkbox"/> NINE</td> </tr> <tr> <td><input type="checkbox"/> _____</td> </tr> </table>	<input type="checkbox"/> SEVEN	<input checked="" type="checkbox"/> NINE	<input type="checkbox"/> _____	<p>10. END OF FILE MARK</p> <table style="width: 100%;"> <tr> <td><input type="checkbox"/> OCTAL 17</td> </tr> <tr> <td><input type="checkbox"/> _____</td> </tr> </table>	<input type="checkbox"/> OCTAL 17	<input type="checkbox"/> _____			
<input type="checkbox"/> SEVEN									
<input checked="" type="checkbox"/> NINE									
<input type="checkbox"/> _____									
<input type="checkbox"/> OCTAL 17									
<input type="checkbox"/> _____									
<p>7. PARITY</p> <table style="width: 100%;"> <tr> <td><input checked="" type="checkbox"/> ODD</td> </tr> <tr> <td><input type="checkbox"/> EVEN</td> </tr> </table>	<input checked="" type="checkbox"/> ODD	<input type="checkbox"/> EVEN	<p>11. PASTE-ON-PAPER LABEL DESCRIPTION (INCLUDE ORIGINATOR NAME AND SOME LAY SPECIFICATIONS OF DATA TYPE, VOLUME NUMBER)</p> <p style="text-align: center; margin-top: 20px;">106 100 780427</p> <p style="text-align: center; margin-top: 10px;">78/04/27. WEBBER</p> <p style="text-align: center; margin-top: 10px;">9TRK, 1600BPI, ODD, EBCDIC</p>						
<input checked="" type="checkbox"/> ODD									
<input type="checkbox"/> EVEN									
<p>8. DENSITY</p> <table style="width: 100%;"> <tr> <td><input type="checkbox"/> 200 BPI</td> <td><input checked="" type="checkbox"/> 1600 BPI</td> </tr> <tr> <td><input type="checkbox"/> 556 BPI</td> <td></td> </tr> <tr> <td><input type="checkbox"/> 800 BPI</td> <td></td> </tr> <tr> <td colspan="2"><input type="checkbox"/> _____</td> </tr> </table>	<input type="checkbox"/> 200 BPI	<input checked="" type="checkbox"/> 1600 BPI	<input type="checkbox"/> 556 BPI		<input type="checkbox"/> 800 BPI		<input type="checkbox"/> _____		<p>12. PHYSICAL BLOCK LENGTH IN BYTES</p> <p style="text-align: center; margin-top: 5px;">4,000 characters/block</p> <p>13. LENGTH OF BYTES IN BITS</p>
<input type="checkbox"/> 200 BPI	<input checked="" type="checkbox"/> 1600 BPI								
<input type="checkbox"/> 556 BPI									
<input type="checkbox"/> 800 BPI									
<input type="checkbox"/> _____									

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.

A. ORIGINATOR IDENTIFICATION

THIS SECTION MUST BE COMPLETED BY DONOR FOR ALL DATA TRANSMITTALS

1. NAME AND ADDRESS OF INSTITUTION, LABORATORY, OR ACTIVITY WITH WHICH SUBMITTED DATA ARE ASSOCIATED			
Dr. Herbert L. Webber Huxley College of Environmental Studies Western Washington State University Bellingham, WA 98225			
2. EXPEDITION, PROJECT, OR PROGRAM DURING WHICH DATA WERE COLLECTED		3. CRUISE NUMBER(S) USED BY ORIGINATOR TO IDENTIFY DATA IN THIS SHIPMENT	
NOAA, MESA Puget Sound Project R.U. 106		780418	
4. PLATFORM NAME(S)	5. PLATFORM TYPE(S) (E.G., SHIP, BUOY, ETC.)	6. PLATFORM AND OPERATOR NATIONALITY(IES)	7. DATES
		PLATFORM OPERATOR	FROM: MO/DAY/YR TO: MO/DAY/YR
			04/18/78 04/18/78
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.	
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 checked="" type="checkbox"/> YES <input type="checkbox"/> PART (SPECIFY BELOW)		GENERAL AREA 	
10. PERSON TO WHOM INQUIRIES CONCERNING DATA SHOULD BE ADDRESSED WITH TELEPHONE NUMBER (AND ADDRESS IF OTHER THAN IN ITEM-1)			
Michael L. Crane NOAA/Edis AEIDC 707 A St. Anchorage, AK 99501 Ph: (907) 279-4523			

DATA DOCUMENTATION FORM

NOAA FORM 24-13
(4-72)

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NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL OCEANOGRAPHIC DATA CENTER
RECORDS SECTION
ROCKVILLE, MARYLAND 20852

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1. NAME AND ADDRESS OF INSTITUTION, LABORATORY, OR ACTIVITY WITH WHICH SUBMITTED DATA ARE ASSOCIATED			
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2. EXPEDITION, PROJECT, OR PROGRAM DURING WHICH DATA WERE COLLECTED		3. CRUISE NUMBER(S) USED BY ORIGINATOR TO IDENTIFY DATA IN THIS SHIPMENT	
NOAA, MESA Puget Sound Project R.U. 106		780425	
4. PLATFORM NAME(S)	5. PLATFORM TYPE(S) (E.G., SHIP, BUOY, ETC.)	6. PLATFORM AND OPERATOR NATIONALITY(IES)	7. DATES
		PLATFORM OPERATOR	FROM: MO/DAY/YR TO: MO/DAY/YR
			04/25/78 04/25/78
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.	
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 checked="" type="checkbox"/> YES <input type="checkbox"/> PART (SPECIFY BELOW)		GENERAL AREA 	
10. PERSON TO WHOM INQUIRIES CONCERNING DATA SHOULD BE ADDRESSED WITH TELEPHONE NUMBER (AND ADDRESS IF OTHER THAN IN ITEM-1) Michael L. Crane NOAA/Edis AEIDC 707 A St. Anchorage, AK 99501 Ph: (907) 279-4523			

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	1	(Station Header Record)
"	"	2 (Sediment Size Analysis Record)
"	"	3 (Biological Sample Description)
"	"	4 (Species Identification Record)
"	"	7 (Text Record)

2. GIVE BRIEF DESCRIPTION OF FILE ORGANIZATION

Each record is 80 characters in length. Record types are sorted by station and sequence numbers for proper order. Each record type is a new station header record.

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

4. RESPONSIBLE COMPUTER SPECIALIST:

NAME AND PHONE NUMBER Michael L. Crane (907) 279-4523

ADDRESS NOAA/EDIS, AEIDC, 707 A Street, Anchorage, AK 99501

COMPLETE THIS SECTION IF DATA ARE ON MAGNETIC TAPE

<p>5. RECORDING MODE</p> <p><input type="checkbox"/> BCD <input type="checkbox"/> BINARY</p> <p><input type="checkbox"/> ASCII <input checked="" type="checkbox"/> EBCDIC</p> <p><input type="checkbox"/> _____</p>	<p>9. LENGTH OF INTER-RECORD GAP (IF KNOWN) <input checked="" type="checkbox"/> 3/4 INCH</p> <p><input type="checkbox"/> _____</p>
<p>6. NUMBER OF TRACKS (CHANNELS)</p> <p><input type="checkbox"/> SEVEN</p> <p><input checked="" type="checkbox"/> NINE</p> <p><input type="checkbox"/> _____</p>	<p>10. END OF FILE MARK</p> <p><input 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 style="text-align: center;">106 100 780425</p> <p style="text-align: center;">78/04/25 WEBBER</p> <p style="text-align: center;">9TRK, 1600BPI, ODD, EBCDIC</p>
<p>8. DENSITY</p> <p><input type="checkbox"/> 200 BPI <input checked="" type="checkbox"/> 1600 BPI</p> <p><input type="checkbox"/> 556 BPI</p> <p><input type="checkbox"/> 800 BPI</p> <p><input type="checkbox"/> _____</p>	<p>12. PHYSICAL BLOCK LENGTH IN BYTES</p> <p style="text-align: center;">4,000 characters/block</p> <p>13. LENGTH OF BYTES IN BITS</p> <p>_____</p>

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.

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THIS SECTION MUST BE COMPLETED BY DONOR FOR ALL DATA TRANSMITTALS

1. NAME AND ADDRESS OF INSTITUTION, LABORATORY, OR ACTIVITY WITH WHICH SUBMITTED DATA ARE ASSOCIATED			
Dr. Herbert L. Webber Huxley College of Environmental Studies Western Washington State University Bellingham, WA 98225			
2. EXPEDITION, PROJECT, OR PROGRAM DURING WHICH DATA WERE COLLECTED		3. CRUISE NUMBER(S) USED BY ORIGINATOR TO IDENTIFY DATA IN THIS SHIPMENT	
NOAA, MESA Puget Sound Project R.U. 106		780630	
4. PLATFORM NAME(S)	5. PLATFORM TYPE(S) (E.G., SHIP, BUOY, ETC.)	6. PLATFORM AND OPERATOR NATIONALITY(IES)	7. DATES
		PLATFORM OPERATOR	FROM: MO/DAY/YR TO: MO/DAY/YR
			06/30/78 06/30/78
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.	
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 checked="" type="checkbox"/> YES <input type="checkbox"/> PART (SPECIFY BELOW)		GENERAL AREA 	
10. PERSON TO WHOM INQUIRIES CONCERNING DATA SHOULD BE ADDRESSED WITH TELEPHONE NUMBER (AND ADDRESS IF OTHER THAN IN ITEM-1)			
Michael L. Crane NOAA/Edis AEIDC 707 A St. Anchorage, AK 99501 Ph: (907) 279-4523			

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	1	(Station Header Record)
"	"	2 (Sediment Size Analysis Record)
"	"	3 (Biological Sample Description)
"	"	4 (Species Identification Record)
"	"	7 (Text Record)

2. GIVE BRIEF DESCRIPTION OF FILE ORGANIZATION

Each record is 80 characters in length. Record types are sorted by station and sequence numbers for proper order. Each record type is a new station header record.

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

4. RESPONSIBLE COMPUTER SPECIALIST:

NAME AND PHONE NUMBER Michael L. Crane (907) 279-4523

ADDRESS NOAA/EDIS, AEIDC, 707 A Street, Anchorage, AK 99501

COMPLETE THIS SECTION IF DATA ARE ON MAGNETIC TAPE

<p>5. RECORDING MODE</p> <p><input type="checkbox"/> BCD <input type="checkbox"/> BINARY</p> <p><input type="checkbox"/> ASCII <input checked="" type="checkbox"/> EBCDIC</p> <p><input type="checkbox"/> _____</p>	<p>9. LENGTH OF INTER-RECORD GAP (IF KNOWN) <input checked="" type="checkbox"/> 3/4 INCH</p> <p><input type="checkbox"/> _____</p>
<p>6. NUMBER OF TRACKS (CHANNELS)</p> <p><input type="checkbox"/> SEVEN</p> <p><input checked="" type="checkbox"/> NINE</p> <p><input type="checkbox"/> _____</p>	<p>10. END OF FILE MARK</p> <p><input 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 style="text-align: center;">106 100 780630</p> <p style="text-align: center;">78/06/30 WEBBER</p> <p style="text-align: center;">9TRK, 1600BPI, ODD, EBCDIC</p>
<p>8. DENSITY</p> <p><input type="checkbox"/> 200 BPI <input checked="" type="checkbox"/> 1600 BPI</p> <p><input type="checkbox"/> 556 BPI</p> <p><input type="checkbox"/> 800 BPI</p> <p><input type="checkbox"/> _____</p>	<p>12. PHYSICAL BLOCK LENGTH IN BYTES</p> <p style="text-align: center;">4,000 characters/block</p> <p>13. LENGTH OF BYTES IN BITS</p> <p>_____</p>

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

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THIS SECTION MUST BE COMPLETED BY DONOR FOR ALL DATA TRANSMITTALS

1. NAME AND ADDRESS OF INSTITUTION, LABORATORY, OR ACTIVITY WITH WHICH SUBMITTED DATA ARE ASSOCIATED			
Dr. Herbert L. Webber Huxley College of Environmental Studies Western Washington State University Bellingham, WA 98225			
2. EXPEDITION, PROJECT, OR PROGRAM DURING WHICH DATA WERE COLLECTED		3. CRUISE NUMBER(S) USED BY ORIGINATOR TO IDENTIFY DATA IN THIS SHIPMENT	
NOAA, MESA Puget Sound Project R.U. 106		780621	
4. PLATFORM NAME(S)	5. PLATFORM TYPE(S) (E.G., SHIP, BUOY, ETC.)	6. PLATFORM AND OPERATOR NATIONALITY(IES)	7. DATES
		PLATFORM OPERATOR	FROM: MO/DAY/YR TO: MO/DAY/YR
			06/21/78 06/21/78
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.	
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 checked="" type="checkbox"/> YES <input type="checkbox"/> PART (SPECIFY BELOW)		GENERAL AREA 	
10. PERSON TO WHOM INQUIRIES CONCERNING DATA SHOULD BE ADDRESSED WITH TELEPHONE NUMBER (AND ADDRESS IF OTHER THAN IN ITEM-1)			
Michael L. Crane NOAA/Edis AEIDC 707 A St. Anchorage, AK 99501 Ph: (907) 279-4523			

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 1	(Station Header Record)
"	"
2	(Sediment Size Analysis Record)
"	"
3	(Biological Sample Description)
"	"
4	(Species Identification Record)
"	"
7	(Text Record)

2. GIVE BRIEF DESCRIPTION OF FILE ORGANIZATION

Each record is 80 characters in length. Record types are sorted by station and sequence numbers for proper order. Each record type is a new station header record.

3. ATTRIBUTES AS EXPRESSED IN

<input type="checkbox"/> PL-1	<input type="checkbox"/> ALGOL	<input type="checkbox"/> COBOL
<input type="checkbox"/> FORTRAN	<input type="checkbox"/> _____	LANGUAGE

4. RESPONSIBLE COMPUTER SPECIALIST:

NAME AND PHONE NUMBER Michael L. Crane (907) 279-4523
 ADDRESS NOAA/EDIS, AEIDC, 707 A Street, Anchorage, AK 99501

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> <hr/> <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> <hr/> <p>7. PARITY</p> <p><input checked="" type="checkbox"/> ODD</p> <p><input type="checkbox"/> EVEN</p> <hr/> <p>8. DENSITY</p> <p><input type="checkbox"/> 200 BPI <input checked="" type="checkbox"/> 1600 BPI</p> <p><input type="checkbox"/> 556 BPI</p> <p><input type="checkbox"/> 800 BPI</p> <p><input type="checkbox"/> _____</p>	<p>9. LENGTH OF INTER-RECORD GAP (IF KNOWN) <input checked="" type="checkbox"/> 3/4 INCH</p> <p><input type="checkbox"/> _____</p> <hr/> <p>10. END OF FILE MARK</p> <p><input type="checkbox"/> OCTAL 17</p> <p><input type="checkbox"/> _____</p> <hr/> <p>11. PASTE-ON-PAPER LABEL DESCRIPTION (INCLUDE ORIGINATOR NAME AND SOME LAY SPECIFICATIONS OF DATA TYPE, VOLUME NUMBER)</p> <p style="text-align: center; padding: 10px 0;">106 100 780621</p> <p style="text-align: center; padding: 10px 0;">78/06/21 WEBBER</p> <p style="text-align: center; padding: 10px 0;">9TRK, 1600BPI, ODD, EBCDIC</p> <hr/> <p>12. PHYSICAL BLOCK LENGTH IN BYTES</p> <p style="text-align: center; padding: 5px 0;">4,000 characters/block</p> <hr/> <p>13. LENGTH OF BYTES IN BITS</p> <p style="text-align: center; padding: 5px 0;">4</p>
--	---

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

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2. EXPEDITION, PROJECT, OR PROGRAM DURING WHICH DATA WERE COLLECTED NOAA, MESA Puget Sound Project R.U. 106		3. CRUISE NUMBER(S) USED BY ORIGINATOR TO IDENTIFY DATA IN THIS SHIPMENT 780701	
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
		07/01/78	07/01/78
8. ARE DATA PROPRIETARY? <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES IF YES, WHEN CAN THEY BE RELEASED FOR GENERAL USE? YEAR _____ MONTH _____		11. PLEASE DARKEN ALL MARSDEN SQUARES IN WHICH ANY DATA CONTAINED IN YOUR SUBMISSION WERE COLLECTED. GENERAL AREA	
9. ARE DATA DECLARED NATIONAL PROGRAM (DNP)? (I.E., SHOULD THEY BE INCLUDED IN WORLD DATA CENTERS HOLDINGS FOR INTERNATIONAL EXCHANGE?) <input type="checkbox"/> NO <input checked="" 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) Michael L. Crane NOAA/Edis AEIDC 707 A St. Anchorage, AK 99501 Ph: (907) 279-4523			

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 1	(Station Header Record)
"	"
2	(Sediment Size Analysis Record)
"	"
3	(Biological Sample Description)
"	"
4	(Species Identification Record)
"	"
7	(Text Record)

2. GIVE BRIEF DESCRIPTION OF FILE ORGANIZATION

Each record is 80 characters in length. Record types are sorted by station and sequence numbers for proper order. Each record type is a new station header record.

3. ATTRIBUTES AS EXPRESSED IN

<input type="checkbox"/> PL-1	<input type="checkbox"/> ALGOL	<input type="checkbox"/> COBOL
<input type="checkbox"/> FORTRAN	<input type="checkbox"/> _____	LANGUAGE

4. RESPONSIBLE COMPUTER SPECIALIST:

NAME AND PHONE NUMBER Michael L. Crane (907) 279-4523
 ADDRESS NOAA/EDIS, AEIDC, 707 A Street, Anchorage, AK 99501

COMPLETE THIS SECTION IF DATA ARE ON MAGNETIC TAPE

<p>5. RECORDING MODE</p> <table style="width: 100%;"> <tr> <td><input type="checkbox"/> BCD</td> <td><input type="checkbox"/> BINARY</td> </tr> <tr> <td><input type="checkbox"/> ASCII</td> <td><input checked="" type="checkbox"/> EBCDIC</td> </tr> <tr> <td colspan="2"><input type="checkbox"/> _____</td> </tr> </table> <p>6. NUMBER OF TRACKS (CHANNELS)</p> <table style="width: 100%;"> <tr> <td><input type="checkbox"/> SEVEN</td> </tr> <tr> <td><input checked="" type="checkbox"/> NINE</td> </tr> <tr> <td><input type="checkbox"/> _____</td> </tr> </table> <p>7. PARITY</p> <table style="width: 100%;"> <tr> <td><input checked="" type="checkbox"/> ODD</td> </tr> <tr> <td><input type="checkbox"/> EVEN</td> </tr> </table> <p>8. DENSITY</p> <table style="width: 100%;"> <tr> <td><input type="checkbox"/> 200 BPI</td> <td><input checked="" type="checkbox"/> 1600 BPI</td> </tr> <tr> <td><input type="checkbox"/> 556 BPI</td> <td></td> </tr> <tr> <td><input type="checkbox"/> 800 BPI</td> <td></td> </tr> <tr> <td colspan="2"><input type="checkbox"/> _____</td> </tr> </table>	<input type="checkbox"/> BCD	<input type="checkbox"/> BINARY	<input type="checkbox"/> ASCII	<input checked="" type="checkbox"/> EBCDIC	<input type="checkbox"/> _____		<input type="checkbox"/> SEVEN	<input checked="" type="checkbox"/> NINE	<input type="checkbox"/> _____	<input checked="" type="checkbox"/> ODD	<input type="checkbox"/> EVEN	<input type="checkbox"/> 200 BPI	<input checked="" type="checkbox"/> 1600 BPI	<input type="checkbox"/> 556 BPI		<input type="checkbox"/> 800 BPI		<input type="checkbox"/> _____		<p>9. LENGTH OF INTER-RECORD GAP (IF KNOWN) <input checked="" type="checkbox"/> 3/4 INCH <input type="checkbox"/> _____</p> <p>10. END OF FILE MARK</p> <table style="width: 100%;"> <tr> <td><input type="checkbox"/> OCTAL 17</td> </tr> <tr> <td><input type="checkbox"/> _____</td> </tr> </table> <p>11. PASTE-ON-PAPER LABEL DESCRIPTION (INCLUDE ORIGINATOR NAME AND SOME LAY SPECIFICATIONS OF DATA TYPE, VOLUME NUMBER)</p> <p style="text-align: center; font-family: monospace;">106 100 780701 78/07/01 WEBBER 9TRK,1600BPI, ODD, EBCDIC</p> <p>12. PHYSICAL BLOCK LENGTH IN BYTES 4,000 characters/block</p> <p>13. LENGTH OF BYTES IN BITS</p>	<input type="checkbox"/> OCTAL 17	<input type="checkbox"/> _____
<input type="checkbox"/> BCD	<input type="checkbox"/> BINARY																					
<input type="checkbox"/> ASCII	<input checked="" type="checkbox"/> EBCDIC																					
<input type="checkbox"/> _____																						
<input type="checkbox"/> SEVEN																						
<input checked="" type="checkbox"/> NINE																						
<input type="checkbox"/> _____																						
<input checked="" type="checkbox"/> ODD																						
<input type="checkbox"/> EVEN																						
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<input type="checkbox"/> 800 BPI																						
<input type="checkbox"/> _____																						
<input type="checkbox"/> OCTAL 17																						
<input type="checkbox"/> _____																						

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.

A. ORIGINATOR IDENTIFICATION

THIS SECTION MUST BE COMPLETED BY DONOR FOR ALL DATA TRANSMITTALS

<p>1. NAME AND ADDRESS OF INSTITUTION, LABORATORY, OR ACTIVITY WITH WHICH SUBMITTED DATA ARE ASSOCIATED</p> <p>Dr. Herbert L. Webber Huxley College of Environmental Studies Western Washington State University Bellingham, WA 98225</p>									
<p>2. EXPEDITION, PROJECT, OR PROGRAM DURING WHICH DATA WERE COLLECTED</p> <p>NOAA, MESA Puget Sound Project R.U. 106</p>			<p>3. CRUISE NUMBER(S) USED BY ORIGINATOR TO IDENTIFY DATA IN THIS SHIPMENT</p> <p>780622</p>						
<p>4. PLATFORM NAME(S)</p>		<p>5. PLATFORM TYPE(S) (E.G., SHIP, BUOY, ETC.)</p>		<p>6. PLATFORM AND OPERATOR NATIONALITY(IES)</p> <table border="1"> <thead> <tr> <th>PLATFORM</th> <th>OPERATOR</th> </tr> </thead> <tbody> <tr> <td></td> <td></td> </tr> </tbody> </table>		PLATFORM	OPERATOR		
PLATFORM	OPERATOR								
		<p>7. DATES</p> <table border="1"> <thead> <tr> <th>FROM: MO, DAY, YR</th> <th>TO: MO, DAY, YR</th> </tr> </thead> <tbody> <tr> <td>06/22/78</td> <td>06/22/78</td> </tr> </tbody> </table>		FROM: MO, DAY, YR	TO: MO, DAY, YR	06/22/78	06/22/78		
FROM: MO, DAY, YR	TO: MO, DAY, YR								
06/22/78	06/22/78								
<p>8. ARE DATA PROPRIETARY?</p> <p><input checked="" type="checkbox"/> NO <input type="checkbox"/> YES</p> <p>IF YES, WHEN CAN THEY BE RELEASED FOR GENERAL USE? YEAR _____ MONTH _____</p>			<p>11. PLEASE DARKEN ALL MARSDEN SQUARES IN WHICH ANY DATA CONTAINED IN YOUR SUBMISSION WERE COLLECTED.</p> <p style="text-align: center;">GENERAL AREA</p>						
<p>9. ARE DATA DECLARED NATIONAL PROGRAM (DNP)? (I.E., SHOULD THEY BE INCLUDED IN WORLD DATA CENTERS HOLDINGS FOR INTERNATIONAL EXCHANGE?)</p> <p><input type="checkbox"/> NO <input checked="" type="checkbox"/> YES <input type="checkbox"/> PART (SPECIFY BELOW)</p>									
<p>10. PERSON TO WHOM INQUIRIES CONCERNING DATA SHOULD BE ADDRESSED WITH TELEPHONE NUMBER (AND ADDRESS IF OTHER THAN IN ITEM-1)</p> <p>Michael L. Crane NOAA/Edis AEIDC 707 A St. Anchorage, AK 99501 Ph: (907) 279-4523</p>									

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**

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"	"	2 (Sediment Size Analysis Record)
"	"	3 (Biological Sample Description)
"	"	4 (Species Identification Record)
"	"	7 (Text Record)

2. GIVE BRIEF DESCRIPTION OF FILE ORGANIZATION

Each record is 80 characters in length. Record types are sorted by station and sequence numbers for proper order. Each record type is a new station header record.

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

4. RESPONSIBLE COMPUTER SPECIALIST:

NAME AND PHONE NUMBER Michael L. Crane (907) 279-4523

ADDRESS NOAA/EDIS, AEIDC, 707 A Street, Anchorage, AK 99501

COMPLETE THIS SECTION IF DATA ARE ON MAGNETIC TAPE

<p>5. RECORDING MODE</p> <p><input type="checkbox"/> BCD <input type="checkbox"/> BINARY</p> <p><input type="checkbox"/> ASCII <input checked="" type="checkbox"/> EBCDIC</p> <p><input type="checkbox"/> _____</p>	<p>9. LENGTH OF INTER-RECORD GAP (IF KNOWN) <input checked="" type="checkbox"/> 3/4 INCH</p> <p><input type="checkbox"/> _____</p>
<p>6. NUMBER OF TRACKS (CHANNELS)</p> <p><input type="checkbox"/> SEVEN</p> <p><input checked="" type="checkbox"/> NINE</p> <p><input type="checkbox"/> _____</p>	<p>10. END OF FILE MARK</p> <p><input 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 style="text-align: center;">106 100 780622</p> <p style="text-align: center;">78/06/22 WEBBER</p> <p style="text-align: center;">9TRK, 1600BPI, ODD, EBCDIC</p>
<p>8. DENSITY</p> <p><input type="checkbox"/> 200 BPI <input checked="" type="checkbox"/> 1600 BPI</p> <p><input type="checkbox"/> 556 BPI</p> <p><input type="checkbox"/> 800 BPI</p> <p><input type="checkbox"/> _____</p>	<p>12. PHYSICAL BLOCK LENGTH IN BYTES</p> <p style="text-align: center;">4,000 characters/block</p> <p>13. LENGTH OF BYTES IN BITS</p> <p>_____</p>

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

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Dr. Herbert L. Webber Huxley College of Environmental Studies Western Washington State University Bellingham, WA 98225			
2. EXPEDITION, PROJECT, OR PROGRAM DURING WHICH DATA WERE COLLECTED		3. CRUISE NUMBER(S) USED BY ORIGINATOR TO IDENTIFY DATA IN THIS SHIPMENT	
NOAA, MESA Puget Sound Project R.U. 106		780629	
4. PLATFORM NAME(S)	5. PLATFORM TYPE(S) (E.G., SHIP, BUOY, ETC.)	6. PLATFORM AND OPERATOR NATIONALITY(IES)	7. DATES
		PLATFORM OPERATOR	FROM: MO/DAY/YR TO: MO/DAY/YR
			06/29/78 06/29/78
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.	
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 checked="" type="checkbox"/> YES <input type="checkbox"/> PART (SPECIFY BELOW)		GENERAL AREA 	
10. PERSON TO WHOM INQUIRIES CONCERNING DATA SHOULD BE ADDRESSED WITH TELEPHONE NUMBER (AND ADDRESS IF OTHER THAN IN ITEM-1) Michael L. Crane NOAA/Edis AEIDC 707 A St. Anchorage, AK 99501 Ph: (907) 279-4523			

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
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3. ATTRIBUTES AS EXPRESSED IN

<input type="checkbox"/> PL-1	<input type="checkbox"/> ALGOL	<input type="checkbox"/> COBOL
<input type="checkbox"/> FORTRAN	<input type="checkbox"/> _____	LANGUAGE

4. RESPONSIBLE COMPUTER SPECIALIST:

NAME AND PHONE NUMBER Michael L. Crane (907) 279-4523
 ADDRESS NOAA/EDIS, AEIDC, 707 A Street, Anchorage, AK 99501

COMPLETE THIS SECTION IF DATA ARE ON MAGNETIC TAPE

<p>5. RECORDING MODE</p> <p><input type="checkbox"/> BCD <input type="checkbox"/> BINARY</p> <p><input type="checkbox"/> ASCII <input checked="" type="checkbox"/> EBCDIC</p> <p><input type="checkbox"/> _____</p>	<p>9. LENGTH OF INTER-RECORD GAP (IF KNOWN) <input checked="" type="checkbox"/> 3/4 INCH</p> <p><input type="checkbox"/> _____</p>
<p>6. NUMBER OF TRACKS (CHANNELS)</p> <p><input type="checkbox"/> SEVEN</p> <p><input checked="" type="checkbox"/> NINE</p> <p><input type="checkbox"/> _____</p>	<p>10. END OF FILE MARK</p> <p><input 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 style="text-align: center; margin-top: 20px;">106 100 780629</p> <p style="text-align: center; margin-top: 10px;">78/06/29 WEBBER</p> <p style="text-align: center; margin-top: 5px;">9TRK, 1600BPI, ODD, EBCDIC</p>
<p>8. DENSITY</p> <p><input type="checkbox"/> 200 BPI <input checked="" type="checkbox"/> 1600 BPI</p> <p><input type="checkbox"/> 556 BPI</p> <p><input type="checkbox"/> 800 BPI</p> <p><input type="checkbox"/> _____</p>	<p>12. PHYSICAL BLOCK LENGTH IN BYTES</p> <p style="text-align: center; margin-top: 5px;">4,000 characters/block</p>
<p>13. LENGTH OF BYTES IN BITS</p> <p>_____</p>	<p>_____</p>

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

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NOAA, MESA Puget Sound Project R.U. 106		780620	
4. PLATFORM NAME(S)	5. PLATFORM TYPE(S) (E.G., SHIP, BUOY, ETC.)	6. PLATFORM AND OPERATOR 7. DATES	
		NATIONALITY(IES)	
		PLATFORM	OPERATOR
		FROM: MO/DAY/YR	TO: MO/DAY/YR
		06/20/78	06/20/78
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.	
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 checked="" type="checkbox"/> YES <input type="checkbox"/> PART (SPECIFY BELOW)		GENERAL AREA	
10. PERSON TO WHOM INQUIRIES CONCERNING DATA SHOULD BE ADDRESSED WITH TELEPHONE NUMBER (AND ADDRESS IF OTHER THAN IN ITEM-1) Michael L. Crane NOAA/Edis AEIDC 707 A St. Anchorage, AK 99501 Ph: (907) 279-4523			

C. DATA FORMAT

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

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

4. RESPONSIBLE COMPUTER SPECIALIST:

NAME AND PHONE NUMBER Michael L. Crane (907) 279-4523
 ADDRESS NOAA/EDIS, AEIDC, 707 A Street, Anchorage, AK 99501

COMPLETE THIS SECTION IF DATA ARE ON MAGNETIC TAPE

<p>5. RECORDING MODE</p> <p><input type="checkbox"/> BCD <input type="checkbox"/> BINARY</p> <p><input type="checkbox"/> ASCII <input checked="" type="checkbox"/> EBCDIC</p> <p><input type="checkbox"/> _____</p>	<p>9. LENGTH OF INTER-RECORD GAP (IF KNOWN) <input checked="" type="checkbox"/> 3/4 INCH</p> <p><input type="checkbox"/> _____</p>
<p>6. NUMBER OF TRACKS (CHANNELS)</p> <p><input type="checkbox"/> SEVEN</p> <p><input checked="" type="checkbox"/> NINE</p> <p><input type="checkbox"/> _____</p>	<p>10. END OF FILE MARK</p> <p><input 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 style="text-align: center; padding: 10px 0;">106 100 780620</p> <p style="text-align: center; padding: 5px 0;">78/06/20 WEBBER</p> <p style="text-align: center; padding: 5px 0;">9TRK, 1600BPI, ODD, EBCDIC</p>
<p>8. DENSITY</p> <p><input type="checkbox"/> 200 BPI <input checked="" type="checkbox"/> 1600 BPI</p> <p><input type="checkbox"/> 556 BPI</p> <p><input type="checkbox"/> 800 BPI</p> <p><input type="checkbox"/> _____</p>	<p>12. PHYSICAL BLOCK LENGTH IN BYTES</p> <p style="text-align: center; padding: 5px 0;">4,000 characters/block</p> <p>13. LENGTH OF BYTES IN BITS</p> <p>_____</p>

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

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NOAA, MESA Puget Sound Project R.U. 106		781012	
4. PLATFORM NAME(S)	5. PLATFORM TYPE(S) (E.G., SHIP, BUOY, ETC.)	6. PLATFORM AND OPERATOR NATIONALITY(IES)	7. DATES
		PLATFORM OPERATOR	FROM: MO/DAY/YR TO: MO/DAY/YR
			10/12/78 10/12/78
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.	
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C. DATA FORMAT

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 FORTRAN _____ LANGUAGE

4. RESPONSIBLE COMPUTER SPECIALIST:

NAME AND PHONE NUMBER Michael L. Crane (907) 279-4523

ADDRESS NOAA/EDIS, AEIDC, 707 A Street, Anchorage, AK 99501

COMPLETE THIS SECTION IF DATA ARE ON MAGNETIC TAPE

<p>5. RECORDING MODE</p> <p><input type="checkbox"/> BCD <input type="checkbox"/> BINARY</p> <p><input type="checkbox"/> ASCII <input checked="" type="checkbox"/> EBCDIC</p> <p><input type="checkbox"/> _____</p>	<p>9. LENGTH OF INTER-RECORD GAP (IF KNOWN) <input checked="" type="checkbox"/> 3/4 INCH</p> <p><input type="checkbox"/> _____</p>
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<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 style="text-align: center;">106 100 781012</p> <p style="text-align: center;">78/10/12 WEBBER</p> <p style="text-align: center;">9TRK, 1600BPI, ODD, EBCDIC</p>
<p>8. DENSITY</p> <p><input type="checkbox"/> 200 BPI <input checked="" type="checkbox"/> 1600 BPI</p> <p><input type="checkbox"/> 556 BPI</p> <p><input type="checkbox"/> 800 BPI</p> <p><input type="checkbox"/> _____</p>	<p>12. PHYSICAL BLOCK LENGTH IN BYTES</p> <p style="text-align: center;">4,000 characters/block</p> <p>13. LENGTH OF BYTES IN BITS</p> <p>_____</p>

DATA DOCUMENTATION FORM

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(4-72)

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ROCKVILLE, MARYLAND 20862

FORM APPROVED
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THIS SECTION MUST BE COMPLETED BY DONOR FOR ALL DATA TRANSMITTALS

1. NAME AND ADDRESS OF INSTITUTION, LABORATORY, OR ACTIVITY WITH WHICH SUBMITTED DATA ARE ASSOCIATED Dr. Herbert L. Webber Huxley College of Environmental Studies Western Washington State University Bellingham, WA 98225														
2. EXPEDITION, PROJECT, OR PROGRAM DURING WHICH DATA WERE COLLECTED NOAA, MESA Puget Sound Project R.U. 106		3. CRUISE NUMBER(S) USED BY ORIGINATOR TO IDENTIFY DATA IN THIS SHIPMENT 781018												
4. PLATFORM NAME(S)	5. PLATFORM TYPE(S) (E.G., SHIP, BUOY, ETC.)	<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th colspan="2" style="padding: 2px;">6. PLATFORM AND OPERATOR NATIONALITY(IES)</th> <th colspan="2" style="padding: 2px;">7. DATES</th> </tr> <tr> <th style="padding: 2px;">PLATFORM</th> <th style="padding: 2px;">OPERATOR</th> <th style="padding: 2px;">FROM: MO/DAY/YR</th> <th style="padding: 2px;">TO: MO/DAY/YR</th> </tr> <tr> <td style="height: 40px;"></td> <td></td> <td style="text-align: center; vertical-align: middle;">10/18/78</td> <td style="text-align: center; vertical-align: middle;">10/18/78</td> </tr> </table>	6. PLATFORM AND OPERATOR NATIONALITY(IES)		7. DATES		PLATFORM	OPERATOR	FROM: MO/DAY/YR	TO: MO/DAY/YR			10/18/78	10/18/78
6. PLATFORM AND OPERATOR NATIONALITY(IES)		7. DATES												
PLATFORM	OPERATOR	FROM: MO/DAY/YR	TO: MO/DAY/YR											
		10/18/78	10/18/78											
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. <p style="text-align: center;">GENERAL AREA</p>												
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 checked="" type="checkbox"/> YES <input type="checkbox"/> PART (SPECIFY BELOW)		(Continuation of Marsden square map)												
10. PERSON TO WHOM INQUIRIES CONCERNING DATA SHOULD BE ADDRESSED WITH TELEPHONE NUMBER (AND ADDRESS IF OTHER THAN IN ITEM-1) Michael L. Crane NOAA/Edis AEIDC 707 A St. Anchorage, AK 99501 Ph: (907) 279-4523														

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	1	(Station Header Record)
"	"	2 (Sediment Size Analysis Record)
"	"	3 (Biological Sample Description)
"	"	4 (Species Identification Record)
"	"	7 (Text Record)

2. GIVE BRIEF DESCRIPTION OF FILE ORGANIZATION

Each record is 80 characters in length. Record types are sorted by station and sequence numbers for proper order. Each record type is a new station header record.

3. ATTRIBUTES AS EXPRESSED IN

<input type="checkbox"/> PL-1	<input type="checkbox"/> ALGOL	<input type="checkbox"/> COBOL
<input type="checkbox"/> FORTRAN	<input type="checkbox"/> _____	LANGUAGE

4. RESPONSIBLE COMPUTER SPECIALIST:

NAME AND PHONE NUMBER Michael L. Crane (907) 279-4523
 ADDRESS NOAA/EDIS, AEIDC, 707 A Street, Anchorage, AK 99501

COMPLETE THIS SECTION IF DATA ARE ON MAGNETIC TAPE

<p>5. RECORDING MODE</p> <p><input type="checkbox"/> BCD <input type="checkbox"/> BINARY</p> <p><input type="checkbox"/> ASCII <input checked="" type="checkbox"/> EBCDIC</p> <p><input type="checkbox"/> _____</p>	<p>9. LENGTH OF INTER-RECORD GAP (IF KNOWN) <input checked="" type="checkbox"/> 3/4 INCH</p> <p><input type="checkbox"/> _____</p>
<p>6. NUMBER OF TRACKS (CHANNELS)</p> <p><input type="checkbox"/> SEVEN</p> <p><input checked="" type="checkbox"/> NINE</p> <p><input type="checkbox"/> _____</p>	<p>10. END OF FILE MARK</p> <p><input 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 style="text-align: center;">106 100 781018</p> <p style="text-align: center;">78/10/18 WEBBER</p> <p style="text-align: center;">9TRK, 1600BPI, ODD, EBCDIC</p>
<p>8. DENSITY</p> <p><input type="checkbox"/> 200 BPI <input checked="" type="checkbox"/> 1600 BPI</p> <p><input type="checkbox"/> 556 BPI</p> <p><input type="checkbox"/> 800 BPI</p> <p><input type="checkbox"/> _____</p>	<p>12. PHYSICAL BLOCK LENGTH IN BYTES</p> <p style="text-align: center;">4,000 characters/block</p> <p>13. LENGTH OF BYTES IN BITS</p> <p style="text-align: center;">4</p>

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.

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THIS SECTION MUST BE COMPLETED BY DONOR FOR ALL DATA TRANSMITTALS

1. NAME AND ADDRESS OF INSTITUTION, LABORATORY, OR ACTIVITY WITH WHICH SUBMITTED DATA ARE ASSOCIATED			
Dr. Herbert L. Webber Huxley College of Environmental Studies Western Washington State University Bellingham, WA 98225			
2. EXPEDITION, PROJECT, OR PROGRAM DURING WHICH DATA WERE COLLECTED		3. CRUISE NUMBER(S) USED BY ORIGINATOR TO IDENTIFY DATA IN THIS SHIPMENT	
NOAA, MESA Puget Sound Project R.U. 106		781013	
4. PLATFORM NAME(S)	5. PLATFORM TYPE(S) (E.G., SHIP, BUOY, ETC.)	6. PLATFORM AND OPERATOR NATIONALITY(IES)	7. DATES
		PLATFORM OPERATOR	FROM: MO/DAY/YR TO: MO/DAY/YR
			10/13/78 10/13/78
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.	
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 checked="" type="checkbox"/> YES <input type="checkbox"/> PART (SPECIFY BELOW)		GENERAL AREA	
10. PERSON TO WHOM INQUIRIES CONCERNING DATA SHOULD BE ADDRESSED WITH TELEPHONE NUMBER (AND ADDRESS IF OTHER THAN IN ITEM-1) Michael L. Crane NOAA/Edis AEIDC 707 A St. Anchorage, AK 99501 Ph: (907) 279-4523			

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 1	(Station Header Record)
"	"	2 (Sediment Size Analysis Record)
"	"	3 (Biological Sample Description)
"	"	4 (Species Identification Record)
"	"	7 (Text Record)

2. GIVE BRIEF DESCRIPTION OF FILE ORGANIZATION

Each record is 80 characters in length. Record types are sorted by station and sequence numbers for proper order. Each record type is a new station header record.

3. ATTRIBUTES AS EXPRESSED IN

<input type="checkbox"/> PL-1	<input type="checkbox"/> ALGOL	<input type="checkbox"/> COBOL
<input type="checkbox"/> FORTRAN	<input type="checkbox"/> _____	LANGUAGE

4. RESPONSIBLE COMPUTER SPECIALIST:

NAME AND PHONE NUMBER Michael L. Crane (907) 279-4523
 ADDRESS NOAA/EDIS, AEIDC, 707 A Street, Anchorage, AK 99501

COMPLETE THIS SECTION IF DATA ARE ON MAGNETIC TAPE

<p>5. RECORDING MODE</p> <p><input type="checkbox"/> BCD <input type="checkbox"/> BINARY</p> <p><input type="checkbox"/> ASCII <input checked="" type="checkbox"/> EBCDIC</p> <p><input type="checkbox"/> _____</p>	<p>9. LENGTH OF INTER-RECORD GAP (IF KNOWN) <input checked="" type="checkbox"/> 3/4 INCH</p> <p><input type="checkbox"/> _____</p>
<p>6. NUMBER OF TRACKS (CHANNELS)</p> <p><input type="checkbox"/> SEVEN</p> <p><input checked="" type="checkbox"/> NINE</p> <p><input type="checkbox"/> _____</p>	<p>10. END OF FILE MARK</p> <p><input 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 style="text-align: center;">106 100 781013</p> <p style="text-align: center;">78/10/13 WEBBER</p> <p style="text-align: center;">9TRK, 1600BPI, ODD, EBCDIC</p>
<p>8. DENSITY</p> <p><input type="checkbox"/> 200 BPI <input checked="" type="checkbox"/> 1600 BPI</p> <p><input type="checkbox"/> 556 BPI</p> <p><input type="checkbox"/> 800 BPI</p> <p><input type="checkbox"/> _____</p>	<p>12. PHYSICAL BLOCK LENGTH IN BYTES</p> <p style="text-align: center;">4,000 characters/block</p> <p>13. LENGTH OF BYTES IN BITS</p> <p><input type="checkbox"/> _____</p>

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-R2551

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THIS SECTION MUST BE COMPLETED BY DONOR FOR ALL DATA TRANSMITTALS

1. NAME AND ADDRESS OF INSTITUTION, LABORATORY, OR ACTIVITY WITH WHICH SUBMITTED DATA ARE ASSOCIATED			
Dr. Herbert L. Webber Huxley College of Environmental Studies Western Washington State University Bellingham, WA 98225			
2. EXPEDITION, PROJECT, OR PROGRAM DURING WHICH DATA WERE COLLECTED		3. CRUISE NUMBER(S) USED BY ORIGINATOR TO IDENTIFY DATA IN THIS SHIPMENT	
NOAA, MESA Puget Sound Project R.U. 106		781019	
4. PLATFORM NAME(S)	5. PLATFORM TYPE(S) (E.G., SHIP, BUOY, ETC.)	6. PLATFORM AND OPERATOR NATIONALITY(IES)	7. DATES
		PLATFORM OPERATOR	FROM: MO/DAY/YR TO: MO/DAY/YR
			10/19/78 10/19/78
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.	
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 checked="" type="checkbox"/> YES <input type="checkbox"/> PART (SPECIFY BELOW)		GENERAL AREA 	
10. PERSON TO WHOM INQUIRIES CONCERNING DATA SHOULD BE ADDRESSED WITH TELEPHONE NUMBER (AND ADDRESS IF OTHER THAN IN ITEM-1)			
Michael L. Crane NOAA/Edis AEIDC 707 A St. Anchorage, AK 99501 Ph: (907) 279-4523			

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	1	(Station Header Record)
"	"	2 (Sediment Size Analysis Record)
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2. GIVE BRIEF DESCRIPTION OF FILE ORGANIZATION

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

4. RESPONSIBLE COMPUTER SPECIALIST:

NAME AND PHONE NUMBER Michael L. Crane (907) 279-4523

ADDRESS NOAA/EDIS, AEIDC, 707 A Street, Anchorage, AK 99501

COMPLETE THIS SECTION IF DATA ARE ON MAGNETIC TAPE

<p>5. RECORDING MODE</p> <p><input type="checkbox"/> BCD <input type="checkbox"/> BINARY</p> <p><input type="checkbox"/> ASCII <input checked="" type="checkbox"/> EBCDIC</p> <p><input type="checkbox"/> _____</p>	<p>9. LENGTH OF INTER-RECORD GAP (IF KNOWN) <input checked="" type="checkbox"/> 3/4 INCH</p> <p><input type="checkbox"/> _____</p>
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<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 style="text-align: center;">106 100 781019</p> <p style="text-align: center;">78/10/19 WEBBER</p> <p style="text-align: center;">9TRK, 1600BPI, ODD, EBCDIC</p>
<p>8. DENSITY</p> <p><input type="checkbox"/> 200 BPI <input checked="" type="checkbox"/> 1600 BPI</p> <p><input type="checkbox"/> 556 BPI</p> <p><input type="checkbox"/> 800 BPI</p> <p><input type="checkbox"/> _____</p>	<p>12. PHYSICAL BLOCK LENGTH IN BYTES</p> <p style="text-align: center;">4,000 characters/block</p> <p>13. LENGTH OF BYTES IN BITS</p> <p>_____</p>

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

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Dr. Herbert L. Webber Huxley College of Environmental Studies Western Washington State University Bellingham, WA 98225			
2. EXPEDITION, PROJECT, OR PROGRAM DURING WHICH DATA WERE COLLECTED		3. CRUISE NUMBER(S) USED BY ORIGINATOR TO IDENTIFY DATA IN THIS SHIPMENT	
NOAA, MESA Puget Sound Project R.U. 106		781014	
4. PLATFORM NAME(S)	5. PLATFORM TYPE(S) (E.G., SHIP, BUOY, ETC.)	6. PLATFORM AND OPERATOR NATIONALITY(IES)	7. DATES
		PLATFORM OPERATOR	FROM: MO/DAY/YR TO: MO/DAY/YR
			10/14/78 10/14/78
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.	
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 checked="" type="checkbox"/> YES <input type="checkbox"/> PART (SPECIFY BELOW)		GENERAL AREA 	
10. PERSON TO WHOM INQUIRIES CONCERNING DATA SHOULD BE ADDRESSED WITH TELEPHONE NUMBER (AND ADDRESS IF OTHER THAN IN ITEM-1)			
Michael L. Crane NOAA/Edis AEIDC 707 A St. Anchorage, AK 99501 Ph: (907) 279-4523			

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**

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"	"	3 (Biological Sample Description)
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2. GIVE BRIEF DESCRIPTION OF FILE ORGANIZATION

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

4. RESPONSIBLE COMPUTER SPECIALIST:

NAME AND PHONE NUMBER Michael L. Crane (907) 279-4523

ADDRESS NOAA/EDIS, AEIDC, 707 A Street, Anchorage, AK 99501

COMPLETE THIS SECTION IF DATA ARE ON MAGNETIC TAPE

<p>5. RECORDING MODE</p> <p><input type="checkbox"/> BCD <input type="checkbox"/> BINARY</p> <p><input type="checkbox"/> ASCII <input checked="" type="checkbox"/> EBCDIC</p> <p><input type="checkbox"/> _____</p>	<p>9. LENGTH OF INTER-RECORD GAP (IF KNOWN) <input checked="" type="checkbox"/> 3/4 INCH</p> <p><input type="checkbox"/> _____</p>
<p>6. NUMBER OF TRACKS (CHANNELS)</p> <p><input type="checkbox"/> SEVEN</p> <p><input checked="" type="checkbox"/> NINE</p> <p><input type="checkbox"/> _____</p>	<p>10. END OF FILE MARK</p> <p><input 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 style="text-align: center;">106 100 781014</p> <p style="text-align: center;">78/10/14 WEBBER</p> <p style="text-align: center;">9TRK, 1600BPI, ODD, EBCDIC</p>
<p>8. DENSITY</p> <p><input type="checkbox"/> 200 BPI <input checked="" type="checkbox"/> 1600 BPI</p> <p><input type="checkbox"/> 556 BPI</p> <p><input type="checkbox"/> 800 BPI</p> <p><input type="checkbox"/> _____</p>	<p>12. PHYSICAL BLOCK LENGTH IN BYTES</p> <p style="text-align: center;">4,000 characters/block</p> <p>13. LENGTH OF BYTES IN BITS</p> <p>_____</p>

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-R2551

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2. EXPEDITION, PROJECT, OR PROGRAM DURING WHICH DATA WERE COLLECTED		3. CRUISE NUMBER(S) USED BY ORIGINATOR TO IDENTIFY DATA IN THIS SHIPMENT	
NOAA, MESA Puget Sound Project R.U. 106		781017	
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
		10/17/78	10/17/78
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.	
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10. PERSON TO WHOM INQUIRIES CONCERNING DATA SHOULD BE ADDRESSED WITH TELEPHONE NUMBER (AND ADDRESS IF OTHER THAN IN ITEM-1) Michael L. Crane NOAA/Edis AEIDC 707 A St. Anchorage, AK 99501 Ph: (907) 279-4523			

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**

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"	"	3 (Biological Sample Description)
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"	"	7 (Text Record)

2. GIVE BRIEF DESCRIPTION OF FILE ORGANIZATION

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3. ATTRIBUTES AS EXPRESSED IN

<input type="checkbox"/> PL-1	<input type="checkbox"/> ALGOL	<input type="checkbox"/> COBOL
<input type="checkbox"/> FORTRAN	<input type="checkbox"/> _____	LANGUAGE

4. RESPONSIBLE COMPUTER SPECIALIST:

NAME AND PHONE NUMBER Michael L. Crane (907) 279-4523
 ADDRESS NOAA/EDIS, AEIDC, 707 A Street, Anchorage, AK 99501

COMPLETE THIS SECTION IF DATA ARE ON MAGNETIC TAPE

<p>5. RECORDING MODE</p> <p><input type="checkbox"/> BCD <input type="checkbox"/> BINARY</p> <p><input type="checkbox"/> ASCII <input checked="" type="checkbox"/> EBCDIC</p> <p><input type="checkbox"/> _____</p>	<p>9. LENGTH OF INTER-RECORD GAP (IF KNOWN) <input checked="" type="checkbox"/> 3/4 INCH</p> <p><input type="checkbox"/> _____</p>
<p>6. NUMBER OF TRACKS (CHANNELS)</p> <p><input type="checkbox"/> SEVEN</p> <p><input checked="" type="checkbox"/> NINE</p> <p><input type="checkbox"/> _____</p>	<p>10. END OF FILE MARK</p> <p><input 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 style="text-align: center; padding: 10px 0;">106 100 781017</p> <p style="text-align: center; padding: 10px 0;">78/10/17 WEBBER</p> <p style="text-align: center; padding: 10px 0;">9TRK,1600RPI, ODD, EBCDIC</p>
<p>8. DENSITY</p> <p><input type="checkbox"/> 200 BPI <input checked="" type="checkbox"/> 1600 BPI</p> <p><input type="checkbox"/> 556 BPI</p> <p><input type="checkbox"/> 800 BPI</p> <p><input type="checkbox"/> _____</p>	<p>12. PHYSICAL BLOCK LENGTH IN BYTES</p> <p style="text-align: center;">4,000 characters/block</p> <p>13. LENGTH OF BYTES IN BITS</p> <p><input type="checkbox"/> _____</p>

DATA DOCUMENTATION FORM

NOAA FORM 24-13
(4-72)

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

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

This form should accompany all data submissions to NODC. Section A, Originator Identification, must be completed when the data are submitted. It is highly desirable for NODC to also receive the remaining pertinent information at that time. This may be most easily accomplished by attaching reports, publications, or manuscripts which are readily available describing data collection, analysis, and format specifics. Readable, handwritten submissions are acceptable in all cases. All data shipments should be sent to the above address.

A. ORIGINATOR IDENTIFICATION

THIS SECTION MUST BE COMPLETED BY DONOR FOR ALL DATA TRANSMITTALS

1. NAME AND ADDRESS OF INSTITUTION, LABORATORY, OR ACTIVITY WITH WHICH SUBMITTED DATA ARE ASSOCIATED Dr. Herbert L. Webber Huxley College of Environmental Studies Western Washington State University Bellingham, WA 98225			
2. EXPEDITION, PROJECT, OR PROGRAM DURING WHICH DATA WERE COLLECTED NOAA, MESA Puget Sound Project R.U. 106		3. CRUISE NUMBER(S) USED BY ORIGINATOR TO IDENTIFY DATA IN THIS SHIPMENT 790118	
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 01/18/79 01/18/79
8. ARE DATA PROPRIETARY? <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES IF YES, WHEN CAN THEY BE RELEASED FOR GENERAL USE? YEAR _____ MONTH _____		11. PLEASE DARKEN ALL MARSDEN SQUARES IN WHICH ANY DATA CONTAINED IN YOUR SUBMISSION WERE COLLECTED. GENERAL AREA	
9. ARE DATA DECLARED NATIONAL PROGRAM (DNP)? (I.E., SHOULD THEY BE INCLUDED IN WORLD DATA CENTERS HOLDINGS FOR INTERNATIONAL EXCHANGE?) <input type="checkbox"/> NO <input checked="" 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) Michael L. Crane NOAA/Edis AEIDC 707 A St. Anchorage, AK 99501 Ph: (907) 279-4523			

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 1 (Station Header Record)
" " 2 (Sediment Size Analysis Record)
" " 3 (Biological Sample Description)
" " 4 (Species Identification Record)
" " 7 (Text Record)

2. GIVE BRIEF DESCRIPTION OF FILE ORGANIZATION

Each record is 80 characters in length. Record types are sorted by station and sequence numbers for proper order. Each record type is a new station header record.

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

4. RESPONSIBLE COMPUTER SPECIALIST:

NAME AND PHONE NUMBER Michael L. Crane (907) 279-4523
 ADDRESS NOAA/EDIS, AEIDC, 707 A Street, Anchorage, AK 99501

COMPLETE THIS SECTION IF DATA ARE ON MAGNETIC TAPE

<p>5. RECORDING MODE</p> <p><input type="checkbox"/> BCD <input type="checkbox"/> BINARY</p> <p><input type="checkbox"/> ASCII <input checked="" type="checkbox"/> EBCDIC</p> <p><input type="checkbox"/> _____</p>	<p>9. LENGTH OF INTER-RECORD GAP (IF KNOWN) <input checked="" type="checkbox"/> 3/4 INCH <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>11. PASTE-ON-PAPER LABEL DESCRIPTION (INCLUDE ORIGINATOR NAME AND SOME LAY SPECIFICATIONS OF DATA TYPE, VOLUME NUMBER)</p> <p align="center">106 100 790118</p> <p align="center">79/01/18 WEBBER</p> <p align="center">9TRK, 1600BPI, ODD, EBCDIC</p>
<p>8. DENSITY</p> <p><input type="checkbox"/> 200 BPI <input checked="" type="checkbox"/> 1600 BPI</p> <p><input type="checkbox"/> 556 BPI</p> <p><input type="checkbox"/> 800 BPI</p> <p><input type="checkbox"/> _____</p>	<p>12. PHYSICAL BLOCK LENGTH IN BYTES</p> <p align="center">4,000 characters/block</p> <p>13. LENGTH OF BYTES IN BITS</p> <p>4</p>

DATA DOCUMENTATION FORM

NOAA FORM 24-13
(4-72)

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

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

This form should accompany all data submissions to NODC. Section A, Originator Identification, must be completed when the data are submitted. It is highly desirable for NODC to also receive the remaining pertinent information at that time. This may be most easily accomplished by attaching reports, publications, or manuscripts which are readily available describing data collection, analysis, and format specifics. Readable, handwritten submissions are acceptable in all cases. All data shipments should be sent to the above address.

A. ORIGINATOR IDENTIFICATION

THIS SECTION MUST BE COMPLETED BY DONOR FOR ALL DATA TRANSMITTALS

1. NAME AND ADDRESS OF INSTITUTION, LABORATORY, OR ACTIVITY WITH WHICH SUBMITTED DATA ARE ASSOCIATED Dr. Herbert L. Webber Huxley College of Environmental Studies Western Washington State University Bellingham, WA 98225			
2. EXPEDITION, PROJECT, OR PROGRAM DURING WHICH DATA WERE COLLECTED NOAA, MESA Puget Sound Project R.U. 106		3. CRUISE NUMBER(S) USED BY ORIGINATOR TO IDENTIFY DATA IN THIS SHIPMENT 790126	
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 01/26/79 01/26/79
8. ARE DATA PROPRIETARY? <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES IF YES, WHEN CAN THEY BE RELEASED FOR GENERAL USE? YEAR _____ MONTH _____		11. PLEASE DARKEN ALL MARSDEN SQUARES IN WHICH ANY DATA CONTAINED IN YOUR SUBMISSION WERE COLLECTED. GENERAL AREA	
9. ARE DATA DECLARED NATIONAL PROGRAM (DNP)? (I.E., SHOULD THEY BE INCLUDED IN WORLD DATA CENTERS HOLDINGS FOR INTERNATIONAL EXCHANGE?) <input type="checkbox"/> NO <input checked="" 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) Michael L. Crane NOAA/Edis AEIDC 707 A St. Anchorage, AK 99501 Ph: (907) 279-4523			

DATA DOCUMENTATION FORM

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NOAA, MESA Puget Sound Project R.U. 106		790122	
4. PLATFORM NAME(S)	5. PLATFORM TYPE(S) (E.G., SHIP, BUOY, ETC.)	6. PLATFORM AND OPERATOR NATIONALITY(IES)	7. DATES
		PLATFORM OPERATOR	FROM: MO/DAY/YR TO: MO/DAY/YR
			01/22/79 01/22/79
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.	
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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

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2. EXPEDITION, PROJECT, OR PROGRAM DURING WHICH DATA WERE COLLECTED NOAA, MESA Puget Sound Project R.U. 106		3. CRUISE NUMBER(S) USED BY ORIGINATOR TO IDENTIFY DATA IN THIS SHIPMENT 790127									
4. PLATFORM NAME(S)	5. PLATFORM TYPE(S) (E.G., SHIP, BUOY, ETC.)	6. PLATFORM AND OPERATOR NATIONALITY(IES) <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th style="width:50%;">PLATFORM</th> <th style="width:50%;">OPERATOR</th> </tr> <tr> <td> </td> <td> </td> </tr> </table>	PLATFORM	OPERATOR			7. DATES <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th style="width:50%;">FROM: MO/PAY/YR</th> <th style="width:50%;">TO: MO/DAY/YR</th> </tr> <tr> <td>01/27/79</td> <td>01/27/79</td> </tr> </table>	FROM: MO/PAY/YR	TO: MO/DAY/YR	01/27/79	01/27/79
PLATFORM	OPERATOR										
FROM: MO/PAY/YR	TO: MO/DAY/YR										
01/27/79	01/27/79										
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. <p style="text-align: center;">GENERAL AREA</p>									
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 checked="" type="checkbox"/> YES <input type="checkbox"/> PART (SPECIFY BELOW)		(Continuation of the map area from the previous section)									
10. PERSON TO WHOM INQUIRIES CONCERNING DATA SHOULD BE ADDRESSED WITH TELEPHONE NUMBER (AND ADDRESS IF OTHER THAN IN ITEM-1) Michael L. Crane NOAA/Edis AEIDC 707 A St. Anchorage, AK 99501 Ph: (907) 279-4523											

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 1	(Station Header Record)
" "	2 (Sediment Size Analysis Record)
" "	3 (Biological Sample Description)
" "	4 (Species Identification Record)
" "	7 (Text Record)

2. GIVE BRIEF DESCRIPTION OF FILE ORGANIZATION

Each record is 80 characters in length. Record types are sorted by station and sequence numbers for proper order. Each record type is a new station header record.

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

4. RESPONSIBLE COMPUTER SPECIALIST:

NAME AND PHONE NUMBER Michael L. Crane (907) 279-4523
 ADDRESS NOAA/EDIS, AEIDC, 707 A Street, Anchorage, AK 99501

COMPLETE THIS SECTION IF DATA ARE ON MAGNETIC TAPE

<p>5. RECORDING MODE</p> <p><input type="checkbox"/> BCD <input type="checkbox"/> BINARY</p> <p><input type="checkbox"/> ASCII <input checked="" type="checkbox"/> EBCDIC</p> <p><input type="checkbox"/> _____</p>	<p>9. LENGTH OF INTER-RECORD GAP (IF KNOWN) <input checked="" type="checkbox"/> 3/4 INCH <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>11. PASTE-ON-PAPER LABEL DESCRIPTION (INCLUDE ORIGINATOR NAME AND SOME LAY SPECIFICATIONS OF DATA TYPE, VOLUME NUMBER)</p> <p style="text-align: center;">106 100 790127</p> <p style="text-align: center;">79/01/27 WEBBER</p> <p style="text-align: center;">9TRK, 1600BPI, ODD, EBCDIC</p>
<p>8. DENSITY</p> <p><input type="checkbox"/> 200 BPI <input checked="" type="checkbox"/> 1600 BPI</p> <p><input type="checkbox"/> 556 BPI</p> <p><input type="checkbox"/> 800 BPI</p> <p><input type="checkbox"/> _____</p>	<p>12. PHYSICAL BLOCK LENGTH IN BYTES</p> <p style="text-align: center;">4,000 characters/block</p> <p>13. LENGTH OF BYTES IN BITS</p> <p style="text-align: center;">4</p>

DATA DOCUMENTATION FORM

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2. EXPEDITION, PROJECT, OR PROGRAM DURING WHICH DATA WERE COLLECTED NOAA, MESA Puget Sound Project R.U. 106		3. CRUISE NUMBER(S) USED BY ORIGINATOR TO IDENTIFY DATA IN THIS SHIPMENT 790121	
4. PLATFORM NAME(S)	5. PLATFORM TYPE(S) (E.G., SHIP, BUOY, ETC.)	6. PLATFORM AND OPERATOR NATIONALITY(IES)	7. DATES FROM: MO/DAY/YR TO: MO/DAY/YR 01/21/79 01/21/79
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. <p style="text-align: center;">GENERAL AREA</p>	
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 checked="" type="checkbox"/> YES <input type="checkbox"/> PART (SPECIFY BELOW)		(Continuation of Marsden square map)	
10. PERSON TO WHOM INQUIRIES CONCERNING DATA SHOULD BE ADDRESSED WITH TELEPHONE NUMBER (AND ADDRESS IF OTHER THAN IN ITEM-1) Michael L. Crane NOAA/Edis AEIDC 707 A St. Anchorage, AK 99501 Ph: (907) 279-4523			

DATA DOCUMENTATION FORM

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2. EXPEDITION, PROJECT, OR PROGRAM DURING WHICH DATA WERE COLLECTED NOAA, MESA Puget Sound Project R.U. 106		3. CRUISE NUMBER(S) USED BY ORIGINATOR TO IDENTIFY DATA IN THIS SHIPMENT 790125	
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
		01/25/79	01/25/79
8. ARE DATA PROPRIETARY? <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES IF YES, WHEN CAN THEY BE RELEASED FOR GENERAL USE? YEAR _____ MONTH _____		11. PLEASE DARKEN ALL MARSDEN SQUARES IN WHICH ANY DATA CONTAINED IN YOUR SUBMISSION WERE COLLECTED. GENERAL AREA	
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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	1	(Station Header Record)
"	"	2 (Sediment Size Analysis Record)
"	"	3 (Biological Sample Description)
"	"	4 (Species Identification Record)
"	"	7 (Text Record)

2. GIVE BRIEF DESCRIPTION OF FILE ORGANIZATION

Each record is 80 characters in length. Record types are sorted by station and sequence numbers for proper order. Each record type is a new station header record.

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

4. RESPONSIBLE COMPUTER SPECIALIST:

NAME AND PHONE NUMBER Michael L. Crane (907) 279-4523

ADDRESS NOAA/EDIS, AEIDC, 707 A Street, Anchorage, AK 99501

COMPLETE THIS SECTION IF DATA ARE ON MAGNETIC TAPE

<p>5. RECORDING MODE</p> <p><input type="checkbox"/> BCD <input type="checkbox"/> BINARY</p> <p><input type="checkbox"/> ASCII <input checked="" type="checkbox"/> EBCDIC</p> <p><input type="checkbox"/> _____</p>	<p>9. LENGTH OF INTER-RECORD GAP (IF KNOWN) <input checked="" type="checkbox"/> 3/4 INCH</p> <p><input type="checkbox"/> _____</p>
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<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 style="text-align: center;">106 100 790125</p> <p style="text-align: center;">79/01/25 WEBBER</p> <p style="text-align: center;">9TRK, 1600BPI, ODD, EBCDIC</p>
<p>8. DENSITY</p> <p><input type="checkbox"/> 200 BPI <input checked="" type="checkbox"/> 1600 BPI</p> <p><input type="checkbox"/> 556 BPI</p> <p><input type="checkbox"/> 800 BPI</p> <p><input type="checkbox"/> _____</p>	<p>12. PHYSICAL BLOCK LENGTH IN BYTES</p> <p style="text-align: center;">4,000 characters/block</p> <p>13. LENGTH OF BYTES IN BITS</p> <p style="text-align: center;">4</p>

FILE TYPE 100 - INTERTIDAL/SUBTIDAL - 3/14/78 VERSION

NOTES AND CORRECTIONS

THIS FORMAT IS USED TO SUPPORT PHYSICAL AND BIOLOGICAL STUDIES OF THE INTERTIDAL/SUBTIDAL REGIME. THERE ARE SEVEN DATA RECORD TYPES TO: 1) IDENTIFY THE STATION, 2) REPORT ON THE SEDIMENT ANALYSIS, 3) DESCRIBE THE BIOLOGICAL SAMPLE, 4) IDENTIFY SPECIES, 5) EXAMINATION OF AN INDIVIDUAL FISH, 6) ANALYZE THE STOMACH CONTENTS OF THE INDIVIDUAL FISH EXAMINED, AND 7) A TEXT RECORD.

EACH RECORD IS 80 CHARACTERS IN LENGTH, SORTED BY STATION AND SEQUENCE NUMBERS FOR PROPER ORDER.

PARAMETER	DESCRIPTION	SC
STATION HEADER RECORD	ALWAYS '1'	10
STATION	FIVE-CHARACTER STATION NUMBER (FILE TYPE 100 STATION CODE MAY BE USED)	11
SEQUENCE NUMBER	XXXX - ALWAYS "0001" INITIALLY, THEN ASCENDING NUMERICALLY UNTIL ANOTHER RECORD '1' IS ENCOUNTERED	16
BLANKS		20
DATE (GMT)	YYMMDD	23
TIME (GMT)	HHMM	29
LATITUDE	DDMMSS PLUS HEMISPHERE 'N' OR 'S'	33
LONGITUDE	DDMMSS PLUS HEMISPHERE 'E' OR 'W'	40
TEMPERATURE	XXX - SEA SURFACE NEGATIVE TEMPERATURES ARE PRECEDED BY A MINUS SIGN ADJACENT TO TEMPERATURE VALUE - DEG C TO TENTHS	48
SALINITY	XXX - PARTS PER THOUSAND TO TENTHS	51
DISSOLVED OXYGEN	XXXX - PERCENT SATURATION TO TENTHS	54
BLANK		56
SEDIMENT SIZE ANALYSIS RECORD	ALWAYS '2'	10
STATION NUMBER	SEE RECORD '1'	11
SEQUENCE NUMBER	SEE RECORD '1'	16
SAMPLE NUMBER	THREE-CHARACTER UNIQUE SAMPLE ID	20
GEAR TYPE	TWO-CHARACTER CODE - USE CODE 0075	23
SAMPLE ELEVATION	XXX - WITH RESPECT TO MEAN LOW WATER METERS TO TENTHS (NO SIGN FOR POSITIVE, FLOATING "--" FOR NEGATIVE VALUES)	25
SAMPLE SURFACE AREA	XXXX - SQ METERS TO THOUSANDTHS	28
DEPTH OF SAMPLE	XXX - WHOLE MILLIMETERS	32
DRY WEIGHT	XXXXX - TOTAL WEIGHT IN WHOLE GRAMS	35
WEIGHT OF SHELL FRAGMENTS	XXXXX - DRY TOTAL WEIGHT IN WHOLE GRAMS	40
PARTICLE SIZE	THE FOLLOWING 12 FIELDS ARE USED TO REPORT PERCENT BY WEIGHT TO TENTHS (BY PHI SIZE)	
> -6	XXX	45
-6 TO -5	XXX	48
-5 TO -4	XXX	51
-4 TO -3	XXX	54
-3 TO -2	XXX	57
-2 TO -1	XXX	60
-1 TO 0	XXX	63
0 TO +1	XXX	66
+1 TO +2	XXX	69
+2 TO +3	XXX	72
+3 TO +4	XXX	75
> +4	XXX	78

BIOLOGICAL SAMPLE DESCRIPTION	ALWAYS '3'	10
STATION NUMBER	SEE RECORD '1'	11
SEQUENCE NUMBER	SEE RECORD '1'	16
SAMPLE NUMBER	THREE-CHARACTER UNIQUE QUADRANT OR HAUL	20
DATE (GMT)	YYMMDD	23
TIME (GMT)	HHMM	29
HABITAT		
WAVE ENERGY	ONE-CHARACTER CODE - USE CODE 0280	33
SEDIMENT SIZE	ONE-CHARACTER CODE - USE CODE 0281	34
SURFACE ORGANICS	ONE-CHARACTER CODE - USE CODE 0282	35
GEAR TYPE	TWO-CHARACTER CODE - USE CODE 0075	36
SAMPLE ELEVATION	XXXX	38
DEPTH TO BOTTOM	XXX - METERS (HAULS ONLY)	42
AREA SAMPLED	XXXXXXXX - SQ METERS TO THOUSANDTHS	45
VOLUME SAMPLED	XXXXXXXXXXXX - CUBIC METERS TO TEN THOUSANDTHS	53
DISTANCED FISHED	XXX - METERS (HAULS ONLY)	64
SAMPLING DURATION	XX - HOURS TO TENTHS (HAULS ONLY)	67
TIDE STAGE	ONE-CHARACTER CODE - USE CODE 0154	69
TIDE HEIGHT	XXX - WITH RESPECT TO MEAN LOWER LOW WATER (METERS TO TENTHS)	70
PLANT COVER	XXX - PERCENT OF SAMPLE AREA COVERED BY PLANT GROWTH TO WHOLE PERCENT	73
PHOTO TAKEN	ONE-CHARACTER CODE - USE CODE 0117	76
BLANKS		77
SPECIES IDENTIFICATION RECORD	ALWAYS '4'	10
STATION NUMBER	SEE RECORD '1'	11
SEQUENCE NUMBER	SEE RECORD '1'	16
SAMPLE NUMBER	THREE-CHARACTER UNIQUE QUADRANT OR HAUL	20
TAXONOMIC CODE	TEN-DIGIT NODC TAXONOMIC CODE	23
LIFE HISTORY	ONE-CHARACTER CODE - USE CODE 0148	33
SUBSAMPLE	XX - PERCENT OF SAMPLE USED FOR COUNT AND WEIGHT COMPUTATION FOR THIS SPECIES. (PERCENT AREA FOR QUADRANTS, PERCENT VOLUME FOR NET HAULS, OR BLANK IF NO SUBSAMPLE USED FOR COMPUTATION).	34
COUNT	XXXXX - NUMBER OF ORGANISMS OF THIS SPECIES FOR ENTIRE HAUL OR QUADRANT	36
WET WEIGHT	XXXXXXXX - GRAMS TO HUNDREDTHS OF THIS SPECIES FOR ENTIRE HAUL OR QUADRANT	41
WEIGHT METHOD	ONE-CHARACTER CODE - USE CODE 0156	48
DRY WEIGHT	XXXXXXXX - GRAMS TO HUNDREDTHS OF ENTIRE HAUL OR QUADRANT	49
SUB-SPECIES	TWO-DIGIT EXTENSION OF 10-DIGIT NODC TAXONOMIC CODE (STARTING COLUMN 23, THIS RECORD)	56
BLANKS		58
TEXT	21-CHARACTER FIELD	60

INDIVIDUAL FISH EXAMINATION	ALWAYS '5'	10
STATION NUMBER	SEE RECORD '1'	11
SEQUENCE NUMBER	SEE RECORD '1'	16
SAMPLE NUMBER	THREE-CHARACTER UNIQUE QUADRANT OR HAUL	20
SPECIMEN NUMBER	TWO-CHARACTER SCIENTIST'S IDENTIFIER	23
TAXONOMIC CODE	TEN-DIGIT NODC TAXONOMIC CODE	25
LIFE HISTORY	ONE-CHARACTER CODE - USE CODE 0148	35
NORMAL/ABNORMAL	ONE-CHARACTER CODE - USE CODE 0073	36
PRESERVATION	ONE-CHARACTER CODE - USE CODE 0072	37
LENGTH	ONE-CHARACTER CODE - USE CODE 0082	38
ORGANISM LENGTH	XXXX - WHOLE MILLIMETERS	39
ROUND WEIGHT	XXXXXXX - WEIGHT BEFORE DRESSING IN GRAMS TO HUNDREDS	43
SEX	ONE-CHARACTER CODE - USE CODE 0101	50
SEXUAL MATURITY	ONE-CHARACTER CODE - USE CODE 0091	51
AGE METHOD	ONE-CHARACTER CODE - USE CODE 0090	52
AGE	XX - WHOLE YEARS	53
FIN ROT	THE FOLLOWING 7 ONE-CHARACTER FIELDS ARE USED TO IDENTIFY THE EXTENT OF ROT ON VARIOUS FINS. EACH OF THE IDENTIFIED FINS REMAINS IN THE SAME POSITION ON EACH RECORD WITH THE CODE INDICATING THE EXTENT OF ROT.	
DORSAL	ONE-CHARACTER CODE - USE CODE 0087	55
ANAL	ONE-CHARACTER CODE - USE CODE 0087	56
CAUDAL	ONE-CHARACTER CODE - USE CODE 0087	57
RIGHT PECTORAL	ONE-CHARACTER CODE - USE CODE 0087	58
LEFT PECTORAL	ONE-CHARACTER CODE - USE CODE 0087	59
RIGHT VENTRAL	ONE-CHARACTER CODE - USE CODE 0087	60
LEFT VENTRAL	ONE-CHARACTER CODE - USE CODE 0087	61
AEN TUMOR COUNT	THE NUMBER OF ANGIO EPITHELIAL NODULE TUMORS FOR:	
TOTAL	XX	62
EYED	XX	64
BLIND	XX	66
EP TUMOR COUNT	THE NUMBER OF EPIDERMAL PAPILOMA FOR:	
TOTAL	XX	68
EYED	XX	70
BLIND	XX	72
PARASITE OCCURRENCE-ENDO	ONE-CHARACTER CODE - USE CODE 0095	74
PARASITE OCCURRENCE-ECTO	ONE-CHARACTER CODE - USE CODE 0095	75
BLANKS		76
STOMACH CONTENTS EXAMINATION	ALWAYS '6'	10
STATION NUMBER	SEE RECORD '1'	11
SEQUENCE NUMBER	SEE RECORD '1'	16
SAMPLE NUMBER	THREE-CHARACTER UNIQUE QUADRANT OR HAUL	20
SPECIMEN NUMBER	TWO-CHARACTER SCIENTIST'S IDENTIFIER	23
PREDATOR TAXONOMIC CODE	TEN-DIGIT NODC TAXONOMIC CODE	25
LIFE HISTORY	ONE-CHARACTER CODE - USE CODE 0148	35

STOMACH FULLNESS	ONE-CHARACTER CODE - USE CODE 0092	36
STOMACH DIGESTION	ONE-CHARACTER CODE - USE CODE 0155	37
WEIGHT OF STOMACH CONTENTS	XXXXXX - GRAMS TO HUNDREDTHS	38
PREY TAXONOMIC CODE	TEN-DIGIT NODC TAXONOMIC CODE	44
LIFE HISTORY	ONE-CHARACTER CODE - USE CODE 0148	54
PREY COUNT	XXXX - NUMBER OF PREY ORGANISMS OF THIS SPECIES	55
WET WEIGHT OF PREY	XXXXXXXX - GRAMS TO THOUSANDTHS	59
WEIGHT METHOD	ONE-CHARACTER CODE - USE CODE 0156	66
MISCELLANEOUS STOMACH CONTENTS	ONE-CHARACTER CODE - USE CODE 0209	67
BLANK		68
TEXT RECORD	ALWAYS '7'	10
STATION NUMBER	SEE RECORD '1'	11
SEQUENCE NUMBER	SEE RECORD '1'	16
TEXT	61-CHARACTER FIELD FOR TEXT	20

TAPE OR DISK ASSIGNMENT SHEET

(MRL) 11/6/78

(Rev. 11/80)

ACCESSION/TRACK NO.: **8100068 TR6532-6579**

TYPE OF TAPE	TAPE NUMBER	LABEL	LRECL	BLKSIZE	RECFM	REMARKS	# RECORDS
ORIGINATOR	JBR004	NL	80	400	FB		
DUPLICATE	000789	SL	80	80	F		
REFORMATTED							
FIRST USER							
FINAL USER							
DISK FILE	DSN					REMARKS	# RECORDS
WORK DISK FILE							
EDITED DISK FILE							

DATA SET ROUTE SHEET

ACCESSION/TRACK # 8100068
TR6532-6579

<u>Step</u>	<u>Completion Date/Init.</u>		<u>Tape # or DSN</u>	<u># of Files</u>	<u>BLKSIZE</u>	<u>LRECL</u>	<u># RECORDS</u>
ORIGINATOR TAPE #		JBR	JBR004	1	4000	80	
QUADI/SCAN TAPE #	3-19-81	JBR	000789	1	80	80	
DDF EVALUATION							
QUALITY REVIEW							
PRELIMINARY DATA SORT							
PRELIMINARY MULCHEK							
FIRST USER TAPE #							
WORK DISK FILE							
FINAL USER TAPE #							
FINAL MULCHEK							
EVITED DISK FILE							
DATA SET "FINALIZED"							

TRANSMITTAL AND RECEIPT RECORD

(Please sign and return carbon copy acknowledging receipt)

TO: James Ridlon NODC Page Building 1 2001 Wisconsin, N.W., Wash, D.C. 20235	REFER TO D781x5-81-1
	ATTENTION James Ridlon

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

- ORDINARY MAIL
 REGISTERED MAIL
 AIR MAIL
 CERTIFIED MAIL
 GOVERNMENT TRUCK
 BY HAND
 OTHER

Enclosed is the finalized version of the Webber RU106 file type 100 MESA data sets. Forty-eight file I.D.'s are included. Attached is a separate sheet listing each file I.D. present. Included in this transmittal are the final check run listings: a taxonomic code check and a digital code check. Also included are the listings of the 48 files, a tracking report list of the files, the DDF's (part A and C only), and the magnetic tape.

The magnetic tape specifications are:

- 9 track
- 1600 BPI
- EBCDIC
- ODD Parity
- Unlabeled
- Blocking factor 50
- Record Length 80

cc: B. Webber
S. Stillwaugh

FORWARDED BY (Signature) Michael L. Crane <i>M.L.C.</i>	TITLE Alaska Liaison Officer	DATE FORWARDED 1/5/81
RECEIVED BY (Signature) <i>J. K. ...</i>	TITLE F. Dis/ Alaska Data Coordinator	DATE RECEIVED 1/17/81

Webber RU106 FT100 MESA data file I.D.'s

1. 770428
2. 770407
3. 770430
4. 770408
5. 770419
6. 770406
7. 770822
8. 770701
9. 770826
10. 770630
11. 770810
12. 770702
13. 771118
14. 771017
15. 771108
16. 771018
17. 771103
18. 771015
19. 780213
20. 780107
21. 780206
22. 780108
23. 780124
24. 780106
25. 780508
26. 780426
27. 780516
28. 780427
29. 780418
30. 780425
31. 780630
32. 780621
33. 780701
34. 780622
35. 780629
36. 780620
37. 781012
38. 781018
39. 781013
40. 781019
41. 781014
42. 781017
43. 790118
44. 790126
45. 790122
46. 790127
47. 790121
48. 790125

F100T6532
8100068

DATE:

TO:

FROM:

SUBJECT: Error Correction in Processing of Data Set - Accession # 8100068

- 1) File Type: 100
- 2) Project Ident.: MESA / PS
- 3) Track Nos.: TR 6532 - 6579

I. Error Corrections as reported to Principal Investigator:

Error

Correction Complete (Check)

II. Additional error corrections:

Error

Correction Complete (Check)

see attached

III. Processor Name:

MARY R. LEWIS

Corrections 8/100068

TR 6532-6579

1. Weight of intertidal values of -99899 were deleted.
2. Negative ^{sign} intertidal species count were deleted.
3. TR 6565 - erroneous values of Temp (85.3°C) and zero (0) salinity were deleted.
4. Portions of tracks 6576 and 6577 were out of sequence - corrected.

TAPE OR DISK ASSIGNMENT SHEET
(MRL) 11/6/78
(Rev. 11/80)

ACCESSION/TRACK NO.: **8100068 TR6532-6579**

TYPE OF TAPE	TAPE NUMBER	LABEL	LRECL	BLKSIZE	RECFM	REMARKS	# RECORDS
ORIGINATOR	JBR004	NL	80	4000	FB		
DUPLICATE	000789	SL	80	80	F		
REFORMATTED							
FIRST USER							
FINAL USER							
DISK FILE	DSN					REMARKS	# RECORDS
WORK DISK FILE						D11 MRL * F100 A. TR6532	29,590
BITED DISK FILE							

DATA SET ROUTE SHEET

ACCESSION/TRACK # 8100068
TR6532-6579

Step	Completion Date/Init.		Tape # or DSN	# of Files	BLKSIZE	LRECL	# RECORDS
ORIGINATOR TAPE #		JBR	JBR004	1	4000	80	29,590
QUADI/SCAN TAPE #	3-19-81	JBR	000789	1	80	80	29,590
DDF EVALUATION	1/11/82	JBR					
QUALITY REVIEW	1/11/82	JBR					
PRELIMINARY DATA SORT							
PRELIMINARY MULCHEK	1/11/83	DIIMRL * F100A			TR6532		29,590
FIRST USER TAPE #							↓
WORK DISK FILE	1/10/83	DIIMRL * F100A			TR6532		
FINAL USER TAPE #							
FINAL MULCHEK	1/12/83	DIIMRL * F100A			TR6532		
EDITED DISK FILE							
DATA SET "FINALIZED"							

TRANSMITTAL AND RECEIPT RECORD

(Please sign and return carbon copy acknowledging receipt)

TO: James Ridlon
 NODC
 Page Building 1
 2001 Wisconsin, N.W., Wash, D.C. 20235

REFER TO
 0781x5-81-1
 ATTENTION
 James Ridlon

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

- ORDINARY MAIL REGISTERED MAIL AIR MAIL CERTIFIED MAIL GOVERNMENT TRUCK BY HAND OTHER

Enclosed is the finalized version of the Webber RU106 file type 100 MESA data sets. Forty-eight file I.D.'s are included. Attached is a separate sheet listing each file I.D. present. Included in this transmittal are the final check run listings: a taxonomic code check and a digital code check. Also included are the listings of the 48 files, a tracking report list of the files, the DDF's (part A and C only), and the magnetic tape.

The magnetic tape specifications are:

- 9 track
- 1600 BPI
- EBCDIC
- ODD Parity
- Unlabeled
- Blocking factor 50
- Record Length 80

cc: B. Webber
 S. Stillwaugh

FORWARDED BY (Signature) Michael L. Crane	TITLE Alaska Liaison Officer	DATE FORWARDED 1/5/81
RECEIVED BY (Signature) James Ridlon	TITLE James Ridlon	DATE RECEIVED 1/14/81

Password:

accNo	fleA	refNo	proj	inst	ship	startDate	cruise	catId
8100068	F100	TR6532	0082	312W	3199	1977/04/28	770428	313749
8100068	F100	TR6533	0082	312W	3199	1977/04/07	770407	313750
8100068	F100	TR6534	0082	312W	3199	1977/04/30	770430	313751
8100068	F100	TR6535	0082	312W	3199	1977/04/08	770408	313752
8100068	F100	TR6536	0082	312W	3199	1977/04/19	770419	313753
8100068	F100	TR6537	0082	312W	3199	1977/04/06	770406	313754
8100068	F100	TR6538	0082	312W	3199	1977/08/22	770822	313755
8100068	F100	TR6539	0082	312W	3199	1977/07/01	770701	313756
8100068	F100	TR6540	0082	312W	3199	1977/08/26	770826	313757
8100068	F100	TR6541	0082	312W	3199	1977/06/30	770630	313758
8100068	F100	TR6542	0082	312W	3199	1977/08/10	770810	313759
8100068	F100	TR6543	0082	312W	3199	1977/07/02	770702	313760
8100068	F100	TR6544	0082	312W	3199	1977/11/18	771118	313761
8100068	F100	TR6545	0082	312W	3199	1977/10/17	771017	313762
8100068	F100	TR6546	0082	312W	3199	1977/11/08	771108	313763
8100068	F100	TR6547	0082	312W	3199	1977/10/18	771018	313764
8100068	F100	TR6548	0082	312W	3199	1977/11/03	771103	313765
8100068	F100	TR6549	0082	312W	3199	1977/10/15	771015	313766
8100068	F100	TR6550	0082	312W	3199	1978/02/13	780213	313767
8100068	F100	TR6551	0082	312W	3199	1978/01/07	780107	313768
8100068	F100	TR6553	0082	312W	3199	1978/01/08	780108	313769
8100068	F100	TR6554	0082	312W	3199	1978/01/24	780124	313770
8100068	F100	TR6555	0082	312W	3199	1978/01/06	780106	313771
8100068	F100	TR6557	0082	312W	3199	1978/04/26	780426	313772
8100068	F100	TR6558	0082	312W	3199	1978/05/16	780516	313773
8100068	F100	TR6559	0082	312W	3199	1978/04/27	780427	313774
8100068	F100	TR6560	0082	312W	3199	1978/04/18	780418	313775
8100068	F100	TR6562	0082	312W	3199	1978/06/30	780630	313776
8100068	F100	TR6563	0082	312W	3199	1978/06/21	780621	313777
8100068	F100	TR6564	0082	312W	3199	1978/07/01	780701	313778
8100068	F100	TR6565	0082	312W	3199	1978/06/22	780622	313779
8100068	F100	TR6566	0082	312W	3199	1978/06/29	780629	313780
8100068	F100	TR6567	0082	312W	3199	1978/06/20	780620	313781
8100068	F100	TR6568	0082	312W	3199	1978/10/12	781012	313782
8100068	F100	TR6569	0082	312W	3199	1978/10/18	781018	313783
8100068	F100	TR6570	0082	312W	3199	1978/10/13	781013	313784
8100068	F100	TR6571	0082	312W	3199	1978/10/19	781019	313785
8100068	F100	TR6572	0082	312W	3199	1978/10/14	781014	313786
8100068	F100	TR6573	0082	312W	3199	1978/10/17	781017	313787
8100068	F100	TR6574	0082	312W	3199	1979/01/18	790118	313788
8100068	F100	TR6575	0082	312W	3199	1979/01/26	790126	313789
8100068	F100	TR6576	0082	312W	3199	1979/01/22	790122	313790
8100068	F100	TR6577	0082	312W	3199	1979/01/27	790127	313791
8100068	F100	TR6578	0082	312W	3199	1979/01/21	790121	313792
8100068	F100	TR6579	0082	312W	3199	1979/01/25	790125	313793
8100068	F100	TR6561	0082	312W	3199	1978/04/25	780425	313794
8100068	F100	TR6552	0082	312W	3199	1978/02/06	780206	313795
8100068	F100	TR6556	0082	312W	3199	1978/05/08	780508	313796

(48 rows affected)

Password:

accNo	fleA	refNo	ship	staCnt	recCnt	startDate	endDate
8100068	F100	TR6532	3199	1	396	77/04/28	77/04/28
8100068	F100	TR6533	3199	1	99	77/04/07	77/04/07
8100068	F100	TR6534	3199	1	478	77/04/30	77/04/30
8100068	F100	TR6535	3199	1	548	77/04/08	77/04/08
8100068	F100	TR6536	3199	1	191	77/04/19	77/04/19
8100068	F100	TR6537	3199	1	83	77/04/06	77/04/06
8100068	F100	TR6538	3199	1	831	77/08/22	77/08/22
8100068	F100	TR6539	3199	1	180	77/07/01	77/07/01
8100068	F100	TR6540	3199	1	882	77/08/26	77/08/26
8100068	F100	TR6541	3199	1	1933	77/06/30	77/06/30
8100068	F100	TR6542	3199	1	463	77/08/10	77/08/10
8100068	F100	TR6543	3199	1	102	77/07/02	77/07/02
8100068	F100	TR6544	3199	1	586	77/11/18	77/11/18
8100068	F100	TR6545	3199	1	133	77/10/17	77/10/17
8100068	F100	TR6546	3199	1	535	77/11/08	77/11/08
8100068	F100	TR6547	3199	1	939	77/10/18	77/10/18
8100068	F100	TR6548	3199	1	313	77/11/03	77/11/03
8100068	F100	TR6549	3199	1	116	77/10/15	77/10/15
8100068	F100	TR6550	3199	1	811	78/02/13	78/02/13
8100068	F100	TR6551	3199	1	158	78/01/07	78/01/07
8100068	F100	TR6553	3199	1	1377	78/01/08	78/01/08
8100068	F100	TR6554	3199	1	428	78/01/24	78/01/24
8100068	F100	TR6555	3199	1	72	78/01/06	78/01/06
8100068	F100	TR6557	3199	1	118	78/04/26	78/04/26
8100068	F100	TR6558	3199	1	743	78/05/16	78/05/16
8100068	F100	TR6559	3199	1	828	78/04/27	78/04/27
8100068	F100	TR6560	3199	1	259	78/04/18	78/04/18
8100068	F100	TR6562	3199	1	1434	78/06/30	78/06/30
8100068	F100	TR6563	3199	1	288	78/06/21	78/06/21
8100068	F100	TR6564	3199	1	1623	78/07/01	78/07/01
8100068	F100	TR6565	3199	1	3269	78/06/22	78/06/22
8100068	F100	TR6566	3199	1	443	78/06/29	78/06/29
8100068	F100	TR6567	3199	1	132	78/06/20	78/06/20
8100068	F100	TR6568	3199	1	767	78/10/12	78/10/12
8100068	F100	TR6569	3199	1	123	78/10/18	78/10/18
8100068	F100	TR6570	3199	1	935	78/10/13	78/10/13
8100068	F100	TR6571	3199	1	708	78/10/19	78/10/19
8100068	F100	TR6572	3199	1	325	78/10/14	78/10/14
8100068	F100	TR6573	3199	1	108	78/10/17	78/10/17
8100068	F100	TR6574	3199	1	783	79/01/18	79/01/18
8100068	F100	TR6575	3199	1	91	79/01/26	79/01/26
8100068	F100	TR6576	3199	1	1331	79/01/22	79/01/22
8100068	F100	TR6577	3199	1	1721	79/01/27	79/01/27
8100068	F100	TR6578	3199	1	359	79/01/21	79/01/21
8100068	F100	TR6579	3199	1	99	79/01/25	79/01/25
8100068	F100	TR6561	3199	1	79	78/04/25	78/04/25
8100068	F100	TR6552	3199	1	691	78/02/06	78/02/06
8100068	F100	TR6556	3199	1	679	78/05/08	78/05/08

(48 rows affected)