

File type 29

ACCESSION  
NUMBER

79-0075

DDF-13:1:06

## DATA DOCUMENTATION FORM

TR3889

NOAA FORM 24-13  
(4-77)U.S. DEPARTMENT OF COMMERCE  
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION  
NATIONAL OCEANOGRAPHIC DATA CENTER  
RECORDS SECTION  
WASHINGTON, DC 20235FORM APPROVED  
O.M.B. No. 41-R2651  
EXPIRES 1-81

(While you are not required to use this form, it is the most desirable mechanism for providing the required ancillary information enabling the NODC and users to obtain the greatest benefit from your data.)

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			
Rita A. Horner 4211 N.E. 88th St. Seattle, Washington 98115			
2. EXPEDITION, PROJECT, OR PROGRAM DURING WHICH DATA WERE COLLECTED		3. CRUISE NUMBER(S) USED BY ORIGINATOR TO IDENTIFY DATA IN THIS SHIPMENT	
Glacier/OCSEAP		Glacier 77 FT-029 File id = 080977	
4. PLATFORM NAME(S)	5. PLATFORM TYPE(S) (E.G., SHIP, BUOY, ETC.)	6. PLATFORM AND OPERATOR NATIONALITY(IES)	7. DATES
USCGC Glacier	Ship	Ship US Coast Guard	FROM: MO/PAY/YR TO: MO/DAY/YR 08/01/77 09/07/77
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.	
9. ARE DATA DECLARED NATIONAL PROGRAM (DNP)? (I.E., SHOULD THEY BE INCLUDED IN WORLD DATA CENTERS HOLDINGS FOR INTERNATIONAL EXCHANGE?) <input checked="" type="checkbox"/> NO <input 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)  Rita A. Horner (206) 543-8599			

# B. SCIENTIFIC CONTENT

NAME OF DATA FIELD	REPORTING UNITS OR CODE	METHODS OF OBSERVATION AND INSTRUMENTS USED (SPECIFY TYPE AND MODEL)	ANALYTICAL METHODS (INCLUDING MODIFICATIONS) AND LABORATORY PROCEDURES	DATA PROCESSING TECHNIQUES WITH FILTERING AND AVERAGING
Temperature	°C	Deep-sea reversing thermometers	Corrections made using calibrations furnished by the Coast Guard following U.S. Naval Oceanographic Office Publ. 607 (1968).	Values averaged for 2 or 3 Thermometers per Niskin bottle
Salinity	‰	Niskin bottles	Inductive salinometer Plessey Environmental Systems Model 6220	Copenhagen water used as standard; salinometer standardized after every 30 samples
Plant pigments: Chlorophyll a, Phaeopigments	mg m <sup>-3</sup> ; mg m <sup>-2</sup>	Niskin bottles; samples filtered through Millipore 0.45 µm HA 47 mm filters, MgCO <sub>3</sub> added near end of filtration, filters frozen	Turner Model 110 fluorometer Filters ground in 90% acetone, centrifuged 10-15 minutes before reading	Pigments calculated following Strickland and Parsons (1968).
Primary Productivity	mg C m <sup>-3</sup> hr <sup>-1</sup> mg C m <sup>-2</sup> hr <sup>-1</sup>	Niskin bottles; samples in 60 ml reagent bottles; 2 ml NaH <sup>14</sup> CO <sub>3</sub> added and incubated in sink incubator with running seawater and fluorescent lights; incubation time 3-4 hr; samples filtered onto Millipore 0.45 µm HA filters and put in scintillation vials	10 ml Aquasol (New England Nuclear Co.) added to filters; counted in a Packard Tri-Carb Liquid Scintillation Spectrometer	Productivity calculated following Strickland and Parsons (1968).

# B. SCIENTIFIC CONTENT

NAME OF DATA FIELD	REPORTING UNITS OR CODE	METHODS OF OBSERVATION AND INSTRUMENTS USED (SPECIFY TYPE AND MODEL)	ANALYTICAL METHODS (INCLUDING MODIFICATIONS AND LABORATORY PROCEDURES)	DATA PROCESSING TECHNIQUES WITH FILTERING AND AVERAGING
Phytoplankton Standing Stock	Species as number of cells per liter	Niskin bottles; samples preserved with 10 ml 4% formalin buffered with sodium acetate per 250 ml jar	Samples settled 24 hr in 50 ml Zeiss counting chambers; 5 ml chambers counted at 312X for small, common organisms; 50 ml chambers counted at 125X for large, rare organisms; 1/8 or 1/10 of each chamber counted	Number of cells per liter calculated by multiplying number of cells counted by 1600 (1/8 chamber counted) or 2000 (1/10 chamber counted)
Zooplankton Standing Stock	Number per m <sup>3</sup>	505 µm mesh bongo net; 571 µm mesh umbrella net TKS flowmeters Model 313 mounted in mouth of bongo net. Tows double oblique with net lowered at 40-50 m/min to about 10 m from the bottom at shallow stations and to 200 m at deep stations, soaked for 30 sec, and retrieved at about 20 m/min. Samples concentrated in net collection cups and put into jars of appropriate size and preserved with 40% formaldehyde buffered with saturated sodium borate and sodium acetate solutions. The amounts of preservative and buffer are determined by jar size	Samples are sorted for amphipods, shrimp, euphausiids, mysids, fish eggs and larvae. Sample is then split in a Folsom plankton splitter until about 100 specimens of the most abundant remaining species is obtained. Subsample plus all amphipods, shrimp, euphausiids, mysids, fish eggs and larvae are identified and counted using a dissecting microscope. Copepods in the subsample are separated and counted as adults and juveniles without determining genus or species	Equations used to determine number of animals per m <sup>3</sup> are given on page 4

Equations used to Calculate Number of Animals per m<sup>3</sup>

## Bongo Net:

$$\text{Depth of tow} = \left( \frac{\text{maximum}}{\text{wire out}} \right) \left( \cos \left( \frac{\text{wire angle at}}{\text{maximum wire out}} \right) - \left( \frac{\text{height above sea surface}}{\text{when meter wheel was zeroed}} \right) \right)$$

$$\text{Speed of tow} = \frac{\left( \frac{\text{TSK calibration}}{\text{factor (m/rev)}} \right) \left( \frac{\# \text{ of revolutions}}{\text{of TSK meter}} \right)}{(\text{Duration of haul (sec)})}$$

$$\text{Volume of water filtered} = \left( \frac{\# \text{ of revolutions}}{\text{of TSK meters}} \right) \left( \frac{\text{bongo mouth}}{\text{area (0.2827 m}^2\text{)}} \right) \left( \frac{\text{calibration factor}}{(\text{m/rev})} \right)$$

The following two equations are used when the TSK flowmeters do not function:

$$\text{Estimated speed} = \left( \frac{\text{requested ship}}{\text{speed (3 kt)}} \right) (\text{duration of tow})$$

$$\text{Estimated volume of water filtered} = \left( \frac{\text{requested ship}}{\text{speed (3 kt)}} \right) \left( \frac{\text{bongo mouth}}{\text{area (0.2827 m}^2\text{)}} \right) (\text{duration of tow})$$

## Umbrella Net:

$$\text{Speed of tow} = (\text{Length of tow}) (\text{duration of tow})^{-1}$$

$$\text{Length of tow} = (\text{Wire out (m)}) - (\text{Depth at which net was closed})$$

$$\text{Volume of water filtered} = (\text{Mouth area (4 m}^2\text{)}) (\text{Length of tow (m)})$$

## All Samples

$$\text{Size of subsample} = \left( \frac{1}{2} (\text{number of splits}) \right) (100)$$

(% to 0.1)

Primary Production 029 18

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

Three (3) record types: File Header (Type 0); Master Record (Type 1);  
Detail Record (Type 3); ~~and Text Record (Type 4)~~ differentiated  
by byte 10.

## 2. GIVE BRIEF DESCRIPTION OF FILE ORGANIZATION

File sorted by station number, record type, and sequence number to obtain  
proper sequence

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

## 4. RESPONSIBLE COMPUTER SPECIALIST:

NAME AND PHONE NUMBER Rita Horner (206) 543-8599

ADDRESS 4211 N.E. 88th St. Seattle, WA 98115

## 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 checked="" 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)  359 029 080977 GLACIER 77/08/10 77/09/07 HORNER 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"/> _____	12. PHYSICAL BLOCK LENGTH IN BYTES 4000 (80x50) 13. LENGTH OF BYTES IN BITS

14. FIELD NAME	15. POSITION FROM - 1 MEASURED IN IN Bytes (e.g., bits, bytes)	16. LENGTH		17. ATTRIBUTES	18. USE AND MEANING
		NUMBER	UNITS		
File Type	1	3	Bytes	A3	Always '029'
File Identifier	4	6	Bytes	A6	
Record Type	10	1	Bytes	I1	Always '0'
Vessel	11	11	Bytes	A11	
Cruise	22	6	Bytes	A6	
Cruise Dates in GMT	28	17	Bytes	I2,5(A1,I2)	XX/XX/XX-XX/XX/XX Beginning year, month, day; Ending year, month, day;
Senior Scientist	45	19	Bytes	19A1	Left justified
Investigator/ Institution	64	17	Bytes	17A1	Left justified



14. FIELD NAME	15. POSITION FROM -1 MEASURED IN BYTES (e.g., bits, bytes)	16. LENGTH 20		17. ATTRIBUTES	18. USE AND MEANING
		NUMBER	UNITS		
File Type	1	3	Bytes	A3	Always '029'
File Identifier	4	6	Bytes	A6	
Record Type	10	1	Bytes	I1	
Station Number	11	5	Bytes	A5	
Latitude,					
Degrees	16	2	Bytes	I2	
Minutes	18	2	Bytes	I2	
Seconds	20	2	Bytes	I2	
Hemisphere	22	1	Bytes	A1	
Longitude					
Degrees	23	3	Bytes	I3	
Minutes	26	2	Bytes	I2	
Seconds	28	2	Bytes	I2	Last two digits of year 1-12 1-31 0-23 0-59 Always '+' or '-' 01-12 To Whole Meters To Tenths ( $\text{mg m}^{-2}$ )
Hemisphere	30	1	Bytes	A1	
Year	31	2	Bytes	I2	
Month	33	2	Bytes	I2	
Day	35	2	Bytes	I2	
Hour	37	2	Bytes	I2	
Minutes	39	2	Bytes	I2	
Time Zone	41	1	Bytes	A1	
Time Zone	42	2	Bytes	A2	
Depth to Bottom	44	5	Bytes	I5	
Chlorophyll <u>a</u> (Integrated)	49	4	Bytes	I4	

# RECORD FORMAT DESCRIPTION

RECORD NAME MASTER RECORD (CONTINUED) 41 Primary Productivity

14. FIELD NAME	15. POSITION FROM - 1 MEASURED IN (e.g., bits, bytes)	16. LENGTH		17. ATTRIBUTES	18. USE AND MEANING
		NUMBER	UNITS		
Phaeopigments (Integrated)	53	4	Bytes	I4	To Tenths ( $\text{mg m}^{-2}$ )
Carbon Assimilation (Integrated)	57	5	Bytes	I5	To Tenths ( $\text{mg C m}^{-2} \text{ Day}^{-1}$ )
One Percent Light Depth	62	3	Bytes	I3	To Whole Meters
Phosphate $\text{PO}_4 \text{ P}$ Reactive time	65	2	Bytes	I2	To Whole Minutes
pH Scale	67	1	Bytes	I1	1 = NBS pH scale 2 = Sorensen pH scale 3 = Hansson pH scale
In Situ Corrections for pH measurements	68	1	Bytes	I1	1 Temperature and pressure correction have been made 2 No corrections made
SECCHI Depth	69	2	Bytes	I2	To Whole Meters
Mixed Layer Depth	71	3	Bytes	I3	To Whole Meters
Light Level (Above Platform)	74	3	Bytes	I3	Langley/day
Blank	77	4	Bytes	4X	



14. FIELD NAME	15. POSITION FROM -1 MEASURED IN bytes (e.g., bits, bytes)	16. LENGTH		17. ATTRIBUTES	18. USE AND MEANING
		NUMBER	UNITS		
File Type	1	3	Bytes	A3	Always '029'
File Identifier	4	6	Bytes	A6	
Record Type	10	1	Bytes	I1	Always '3'
Station Number	11	5	Bytes	A5	
Depth of Sample	16	5	Bytes	I5	To Tenths of Meters
Chlorophyll <u>a</u> Concentration	21	4	Bytes	I4	To Hundredths ( $\text{mg m}^{-3}$ )
Phaeopigment Concentration	25	4	Bytes	I4	To Hundredths ( $\text{mg m}^{-3}$ )
Carbon Assimilation	29	5	Bytes	I5	To Hundredths ( $\text{mg C m}^{-3} \text{ hr}^{-1}$ )
Elapsed Time of Incubation	34	4	Bytes	I4	2 bytes hours, 2 bytes minutes
Oxygen	38	1	Bytes	I1	To Hundredths ( $\text{ml/l}$ )
Phosphate $\text{PO}_4\text{-P}$ (inorganic)	42	1	Bytes	I1	To Hundredths ( $\mu\text{g at/l}$ )
Ammonia $\text{NH}_3\text{-N}$	46	3	Bytes	I3	To Tenths ( $\mu\text{g at/l}$ )
Nitrate $\text{NO}_3\text{-N}$	49	3	Bytes	I3	To Tenths ( $\mu\text{g at/l}$ )
Nitrite $\text{NO}_2\text{-N}$	52	3	Bytes	I3	To Hundredths ( $\mu\text{g at/l}$ )
Silicate $\text{SiO}_3\text{-Si}$	55	5	Bytes	I5	To Hundredths ( $\mu\text{g at/l}$ )
pH	60	2	Bytes	I3	To Hundredths
Alkalinity, total	63	1	Bytes	I1	To Thousandths ( $\text{meq/l}$ )
Temperature	67	4	Bytes	I4	To Hundredths ( $^{\circ}\text{C}$ )
Salinity	71	4	Bytes	I4	To Hundredths (‰)
Blank	75	3	Bytes	3X	
Sequence Number	78	3	Bytes	I3	

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# D. INSTRUMENT CALIBRATION

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

INSTRUMENT TYPE (MFR., MODEL NO.)	DATE OF LAST CALIBRATION	INSTRUMENT WAS CALIBRATED BY		CHECK ONE: INSTRUMENT IS CALIBRATED					INSTRUMENT IS NOT CALI- BRATED (✓)
		YOUR ORGANIZATION (✓)	OTHER ORGANIZATION (GIVE NAME)	AT FIXED INTERVALS (✓)	BEFORE OR AFTER USE (✓)	BEFORE AND AFTER USE (✓)	ONLY AFTER REPAIR (✓)	ONLY WHEN NEW (✓)	
Deep-sea reversing thermometers	?		U.S. Coast Guard	?					(✓)
Plessey Environmental Systems Model 6220	?		U.S. Coast Guard	?					24
Turner Model 110 fluorometer	?		Dr. C. J. Lorenzen	X					
Packard Tri-Carb Liquid Scintillation Spectrometer	?		Factory Representatives	X					
TSK Model 313 flow meters	?	X		X					
Bathymograph	?	X		X					

0101 0290809770		GLACIER		77/08/21-77/09/06HORNER				HORNER/	
0102	0290809771	17119	N15759	W7708020225+09	87	950	4		
0103	0290809773	1	00					5083024	001
0104	0290809773	1	50					4433166	002
0105	0290809773	1	100 04 14					4213209	003
0106	0290809773	1	150 22 02					1923218	004
0107	0290809773	1	200 13					-1313267	005
0108	0290809773	1	250 426					-1463295	006
0109	0290809773	1	300 363					-1203289	007
0110	0290809773	1	450 474					-0933301	008
0111	0290809771	27122	N16004	W7708021615+09	48	648	119 325		
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0113	0290809773	2	40					154	002
0114	0290809773	2	70 25 02	05 300				-0623090	003
0115	0290809773	2	110 12	08 314				-1153129	004
0116	0290809773	2	220 43 12	31 314				-1413227	005
0117	0290809773	2	270 182 25	158 320				-1483240	006
0118	0290809773	2	350 306 17	144 320				-1663280	007
0119	0290809773	2	450 372 145	115 331				-1723364	008
0120	0290809771	37124	N16200	W7708031430+09	46	732	54 602	10	
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0122	0290809773	3	40 09 13	06 400				2103012	002
0123	0290809773	3	80 12 05	10 402				2283030	003
0124	0290809773	3	140 08 04	11 402				4253160	004
0125	0290809773	3	200 45 34	19 405				-1513257	005
0126	0290809773	3	270 382 05	220 405				-1713309	006
0201	0290809773	3	350 280 05	288 407				-1713316	007
0202	0290809773	3	450 289 22	298 407				-1723317	008
0203	0290809771	47125	N16400	W7708041420+09	422520	99	870	8	
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0205	0290809773	4	50 11 21	09 400				1363050	002
0206	0290809773	4	100 40 15	29 403				-0473177	003
0207	0290809773	4	150 10 35	06 403				-1433232	004
0208	0290809773	4	200 758	452 405				-1533249	005
0209	0290809773	4	2502294	796 405				-1703282	006
0210	0290809773	4	300 908 22	184 410				-1703318	007
0211	0290809773	4	450 69 16	49 410				-1743345	008
0212	0290809771	57112	N15822	W7708061440+09	1078014	144	2833	9	
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0214	0290809773	5	100 10 22	09 400				3893132	002
0215	0290809773	5	200 34 13	34 402				-0093197	003
0216	0290809773	5	3001880	308 402				-1633278	004
0217	0290809773	5	4501545	420 404				-1623292	005
0218	0290809773	5	6001434 19	363 404				-1643286	006
0219	0290809773	5	7501517 48	379 409				-1653287	007
0220	0290809773	5	1000	375 409				-1703292	008
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0223	0290809773	6	100 20 09	21 358				2833064	002
0224	0290809773	6	200 61 27	48 402				0133236	003
0225	0290809773	6	300 94 25	51 402				-0213246	004
0226	0290809773	6	450 153 43	55 404				1693247	005
0301	0290809773	6	600 137 39	56 404				-0603249	006
0302	0290809773	6	750 185 27	68 407				-0723251	007
0303	0290809773	6	1000 380 61	125 407				-1383269	008
0304	0290809771	77146	N15551	W7708071425+09	1231115	123	450	16	
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0307	0290809773	7	200 11 04	02 406				-0973119	003
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0309	0290809773	7	450 148 20	102 405				-1293204	005
0310	0290809773	7	600 185 01	59 405				-1263244	006
0311	0290809773	7	750 178 20	63 415				-1083295	007
0312	0290809773	7	1000 104 19	32 415				-1613320	008
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0317	0290809773	8	300 33 12	30 400				0853158	004
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0319	0290809773	8	600 98 20	36 357				-1243301	006
0320	0290809773	8	750 10 04	41 404				-1293313	007
0321	0290809773	8	1000 45 14	15 404				-1663343	008
0322	0290809773	8	1250 24 15	23 408				-1503377	009

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0402	0290809773	9	200	14	19	23	300			0953180	003
0403	0290809773	9	300	10	04	04	300			-1383229	004
0404	0290809773	9	450	19	09	13	300			3343290	005
0405	0290809773	9	600	19	16	16	304			2343286	006
0406	0290809773	9	750	08	31	18	303			1683292	007
0407	0290809773	9	1000	24	16	22	310			0163301	008
0408	0290809771	107135	N15329	W7708101528+09	51	188	98	190			
0409	0290809773	10	00	19	29	21	349			1242945	009
0410	0290809773	10	100	14	48	27	349			1202958	002
0411	0290809773	10	200	59		56	352			3903195	003
0412	0290809773	10	250	50		50	352			5193224	004
0413	0290809773	10	300	76	05	46	355			5063233	005
0414	0290809773	10	350	62	02	46	355			4813248	006
0415	0290809773	10	400	43	03	36	400			5023258	007
0416	0290809773	10	450	19	11	26	400			3393262	008
0417	0290809771	117118	N15243	W7708111735+09	55	422	140	382			
0418	0290809773	11	00	212	03	74	400			1392939	001
0419	0290809773	11	100	83	125	85	400			1352941	002
0420	0290809773	11	150	185	04	137	402			1332945	003
0421	0290809773	11	200	12	01	226	402			0773068	004
0422	0290809773	11	250	135	05	82	408			0833199	005
0423	0290809773	11	350	23	20	24	408			1773257	006
0424	0290809773	11	450	18	16	08	410			2573277	007
0425	0290809773	11	500	70	24	34	410			1153278	008
0426	0290809771	127110	N15130	W7708121955+09	24	604	42	346			
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0503	0290809773	12	100	440	09	265	402			-1233118	003
0504	0290809773	12	150	170	36	103	402			-1303284	004
0505	0290809773	12	200	202	47	107	406			-1283287	005
0506	0290809771	137105	N15023	W7708131458+09	29	285	50	202			
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0508	0290809773	13	50	185	24	120	400			-1063035	002
0509	0290809773	13	100	177	20	137	407			-1033031	003
0510	0290809773	13	150	55	10	56	407			-1483267	004
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0619	0290809771	177033	N14724	W7708181415+09	281621	51	1460	4	
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0621	0290809773	17	30 874		394	400		-0163151	002
0622	0290809773	17	60 726		582	405		-0283155	003
0623	0290809773	17	90 632	41	499	405		-0473161	004
0624	0290809773	17	120 612	122	708	407		-0503165	005
0625	0290809773	17	150 752		735	407		-0643185	006
0626	0290809773	17	200 466		642	412		-0783198	007
0701	0290809773	17	250 500		512	412		-0973209	008
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0716	0290809773	19	450 05	32				-1333191	005
0717	0290809773	19	600 06	11				-0793224	006
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0817	0290809773	21	600 09	06				-1443218	006
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0917	0290809773	24	450	54	25					-1593218	005
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0926	0290809773	25	450	134	11					-0853240	005
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1007	0290809773	26	601359							2413252	003
1008	0290809773	26	901040							2373253	004
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1017	0290809773	27	90	582						1203234	004
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1019	0290809773	27	150	462						1213234	006
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1109	0290809773	29	150	144						1613216	004
1110	0290809773	29	200	239	06					1153219	005
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1118	0290809773	30	90	48	05					1363214	004
1119	0290809773	30	120	30	16					1333221	005
1120	0290809773	30	150	29	19					1353214	006
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1122	0290809773	30	2501308	147						-0803238	008
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1201	0290809773	31	90	46	15					1093152	004
1202	0290809773	31	120	29	22					1073161	005
1203	0290809773	31	150	30	30					1303168	006
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1209	0290809773	32	150	21	01					1283167	004
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1219	0290809773	33	150	306	133				-0463155	006
1220	0290809773	33	200	517	55				-0693163	007
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1226	0290809773	34	100	20	03				0702990	003
1301	0290809773	34	150	17	05				0592991	004
1302	0290809773	34	200	29	03				0193054	005
1303	0290809773	34	250	23	06				-1083136	006
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1310	0290809773	35	90	159	24				0273023	004
1311	0290809773	35	120	235	61				0153067	005
1312	0290809773	35	150	325	103				0043099	006
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1318	0290809773	36	120	72	22		35	403	0213081	005
1319	0290809773	36	150	398	17		173	353	-0263122	006
1320	0290809773	36	180	328	122		221	351	-0273122	007
1321	0290809771	377045	N14903			W7709021800+09	27	302	48	
1322	0290809773	37	00	17	42				0672845	001
1323	0290809773	37	30	48	06				0362878	002
1324	0290809773	37	60	21	19				-0132979	003
1325	0290809773	37	90	33	18				-0153004	004
1326	0290809773	37	120	40	14				-0503047	005
1401	0290809773	37	150	129	14				-1063129	006
1402	0290809773	37	180	1454	138				-1433183	007
1403	0290809771	387158	N15543			W7709040645+09	150	111	180	
1404	0290809773	38	00	21	29				5962917	001
1405	0290809773	38	100	21	14				6212923	002
1406	0290809773	38	200	16	24				-1163170	003
1407	0290809773	38	300	04	11				-1383193	004
1408	0290809773	38	400	05	08				-1403210	005
1409	0290809773	38	500	02	23				-1103227	006
1410	0290809773	38	750	09	17				-1063268	007
1411	0290809773	38	1000	23	21				-1463298	008
1412	0290809771	397130	N15513			W7709041915+09	26	152	51	
1413	0290809773	39	00	73	30				7972862	001
1414	0290809773	39	30	76	27				8072863	002
1415	0290809773	39	60	102	15				8472898	003
1416	0290809773	39	90	73	23				8542897	004
1417	0290809773	39	120	58	32				8372903	005
1418	0290809773	39	150	75	26				8422915	006
1419	0290809773	39	180	52	23				8352921	007
1420	0290809773	39	210	69	21				7832937	008
1421	0290809771	407130	N15513			W7709042120+09	26	186	52	
1422	0290809773	40	00	118	20				8572903	001
1423	0290809773	40	30	117	29				8582913	002
1424	0290809773	40	60	111	16				8592902	003
1425	0290809773	40	90	86	28				8572902	004
1426	0290809773	40	120	64	28				8502904	005
1501	0290809773	40	150	85	21				8482913	006
1502	0290809773	40	180	62	31				8502918	007
1503	0290809773	40	210	73	24				8512921	008
1504	0290809771	417132	N15630			W7709050455+09	160	255	214	
1505	0290809773	41	00	19	13				3562767	001
1506	0290809773	41	100	35	18				4393126	002

1507	0290809773	41	200	15	30
1508	0290809773	41	300	28	20
1509	0290809773	41	400	25	15
1510	0290809773	41	500	10	35
1511	0290809773	41	750	30	16
1512	0290809773	41	1000	40	19

3013152	003
1223198	004
0833206	005
0633210	006
0513213	007
-0163228	008

4211 N.E. 88th St.  
Seattle, WA. 98115  
11 June 1979


Mr. Jim Audet  
NODC OCSEAP Data Coordinator  
National Oceanographic Data Center  
Washington, D. C. 20235

JUN 1 1979

Dear Jim:

With regard to your letter D781/JJA dated 4 June 1979, I have checked the flagged values for file type 029, file ID 080977, and found them to be correct.

Sincerely,

  
Rita A. Horner

79-0075  
TR 3889

Elaine - No action on this - we decided  
to final this data set



*ocseap*  
UNITED STATES DEPARTMENT OF COMMERCE  
National Oceanic and Atmospheric Administration

~~XXXXXXXXXXXXXXXXXXXXXXXXXXXX~~  
National Oceanographic Data Center  
Washington, D.C. 20235

D781/JJA

June 4, 1979

Ms. Rita Horner  
4211 NE 88th Street  
Seattle, WA 98115

Dear Rita:

I am enclosing the check run results for file type 029, file ID 080977 (NODC track 3889). Several values have been flagged as above or below expected ranges for some parameters. However, it was noted that all sample and secchi depth values agree with those in your 31 March 1978 annual report. The other values also appear to be valid although slightly higher or lower than expected. The station number error message is the result of a station 33 record out of sequence and we have corrected this.

Since these are the only 'errors' noted, we will continue to final process this data set unless otherwise notified.

Thank you for your cooperation and care in preparing this data submission. A fine job.

Sincerely

Jim Audet  
NODC OCSEAP Data Coordinator

Enclosure

cc: W. Fischer  
T. Johnson  
E. Collins



# TAPE ASSIGNMENT SHEET (MRL) 11/6/78

ACCESSION NO: 79-0075

TYPE OF TAPE	TAPE NUMBER	LABEL	LRECL	BLKSIZE	RECFM	REMARKS
ORIGINATOR	ANDY33	NL	80	4000	FB	
DUPLICATE	012033	NL	80	4800	FB	
REFORMATTED						
CORRECTED F. ST USER	000865	SL	80	4000	FB	DSN= TR3889
BKUP FINAL USER	000139	SL	80	4000	FB	DSN= TR3889



DATE: 2/9/79

TO:

FROM: D781

SUBJECT: Error Correction in Processing of Data Set - Accession # 79-0075

- 1) File Type: 029
- 2) Project Ident.: OCSEAP
- 3) Track Nos.: TR3889

## I. Error Corrections as reported to Principal Investigator:

ErrorCorrection Completed (Check)

## II. Additional error corrections:

ErrorCorrection Completed (Check)

## III. Processor Name:

Corrections

79-0075

a record '3' seq # 005, station 33 located in station 34 of original <sup>data</sup>. This record was inserted into station 33 in its proper sequence. And deleted from station 34.

Record '1' station 35 7032 N 14735 N  
corrected to 7032 N 14735 W.

## Data Set Route Sheet

Accession # 79-0075

Step	Completion Date/Init.	Tape #, # of Files	BLKSIZE	LRECL
Originator Tape #	1/29/79	ANDY 33	1	4000 80
<del>QUAD I</del> Duplicate Tape #	1/30/79	012033	1	4800 88
DDF Evaluation				
Quality Review				
Preliminary Data Sort				
Preliminary Check				
First User Tape #				
Final User Tape #				
Final Check				
1. NAFIS Inventory				
1. DIP Inventory				
2. Data Set 'Finalized'				

File type	029	177
SDF1	002158	
SDF2	020081	
ANSI	020075	
TR	154-183, 270, 448, 506-510, 514, 579, 878-880, 947, 948, 950-1049, 1054, 1055, 1310, 1325-1330, 1549, 1683-1688, 1750, 1751, 2039, 2040, 2665, 3097-3099, 3646-3650, 3839, 3889, 6454, 6455	
		192, 261

Accession No: 79-0075

ID: Ocseap