

94/11-23-87

ACCESSION
NUMBER

8700378

DATA DOCUMENTATION FORM

NOAA FORM 24-13
(4-77)

U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL OCEANOGRAPHIC DATA CENTER
RECORDS SECTION
WASHINGTON, DC 20238

FORM 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 University of Washington Dept. of Oceanography WB-10 Seattle, Wa. 98195 A00614			
2. EXPEDITION, PROJECT, OR PROGRAM DURING WHICH DATA WERE COLLECTED Mid-Pacific Transition Zone		3. CRUISE NUMBER(S) USED BY ORIGINATOR TO IDENTIFY DATA IN THIS SHIPMENT TT-027	
4. PLATFORM NAME(S) R/V T.G. Thompson	5. PLATFORM TYPE(S) (E.G., SHIP, BUOY, ETC.) ship	6. PLATFORM AND OPERATOR NATIONALITY(IES) U,S,A. U.S.A.	7. DATES FROM: MO/DAY/YR TO: MO/DAY/YR 3/25/68 5/1/68
8. ARE DATA PROPRIETARY? <input type="checkbox"/> NO <input type="checkbox"/> YES IF YES, WHEN CAN THEY BE RELEASED FOR GENERAL USE? YEAR ___ MONTH ___		11. PLEASE DARKEN ALL MARSDEN SQUARES IN WHICH ANY DATA CONTAINED IN YOUR SUBMISSION WERE COLLECTED. GENERAL AREA	
9. ARE DATA DECLARED NATIONAL PROGRAM (DNP)? (I.E., SHOULD THEY BE INCLUDED IN WORLD DATA CENTERS HOLDINGS FOR INTERNATIONAL EXCHANGE?) <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES <input type="checkbox"/> PART (SPECIFY BELOW)			
10. PERSON TO WHOM INQUIRIES CONCERNING DATA SHOULD BE ADDRESSED WITH TELEPHONE NUMBER (AND ADDRESS IF OTHER THAN IN ITEM-1) Dr. Gunnar I. Roden (206) 543-5627			

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

2. GIVE BRIEF DESCRIPTION OF FILE ORGANIZATION

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

4. RESPONSIBLE COMPUTER SPECIALIST:

NAME AND PHONE NUMBER Mr. Bill Fredericks, University of Washington
ADDRESS Dept. of Oceanography (206) 543-2007

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 checked="" type="checkbox"/> ASCII <input type="checkbox"/> EBCDIC</p> <p><input type="checkbox"/> _____</p>	<p>9. LENGTH OF INTER-RECORD GAP (IF KNOWN) <input type="checkbox"/> 3/4 INCH</p> <p><input type="checkbox"/> _____</p>
<p>6. NUMBER OF TRACKS (CHANNELS)</p> <p><input type="checkbox"/> SEVEN</p> <p><input checked="" type="checkbox"/> NINE</p> <p><input type="checkbox"/> _____</p>	<p>10. END OF FILE MARK</p> <p><input checked="" 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;">Mid Pacific Transition Zone STD data sets, cruise period 3/25/68 to 5/1/68 9 track, ASCII, 1600 bpi, unlabelled, 80 char. recs., 30 lrecs per one physical tape record. (blk)</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;">2400</p> <p>13. LENGTH OF BYTES IN BITS</p> <p>_____</p>

344/11-2387

November 16, 1987

Sid Stillwaugh
NOAA Liason Office
7600 Sandpoint Way NE
BIN C15700/Bldg. 1
Seattle, Washington 98115

Dear Sid,

Enclosed are the 1968, 1969, and 1975 data I promised you. The magnetic tapes were written on our Cyber system as : unlabeled, 9 track, ASCII, phase encoded, 1600 bpi tape. Logical records are 130 characters long, blocked 30 logical records per one physical tape record(block).

** The tapes are written with a similar format and with the identical data structure as before with the last sets of data I gave you. These data sets are all interpolated to exactly 3.00 db pressure increments. These tapes should REPLACE the existing data we have already submitted to you.

A description of the formatted data follows:

record number		description	format	
1	:	N	number of data scans for that station	I5,3x,
		DATE	date as DD MMM YY	A10,
		NUMSTA	station number	I6,
		XLAT	latitude (decimal degrees)as degree.minutes	F8.3,
		XLONG	longitude (decimal degrees)as degree.minutes	F9.3,
		BOTM	bottom depth (meters)	F8.1,
		PATM	atmospheric pressure	F8.1,
		WSPD	wind speed (knots)	F6.1,
		WDIR	wind direction	F6.1

2 TO N+1: P(I),S(I),T(I),TPOT(I),SIGMAT(I),SIGMAZ(I),POTDEN(I)
DYN(I),VAIS(I)*1.OE6,SV(I),TF(I),DELTA(I),Z(I) 13F10.4

Where I varies from 1 to N

P	pressure	decibars
S	salinity	0/00
T	temperature	C
TPOT	potential temperature	C
SIGMAT	sigma-t	kg/m**3
SIGMAZ	sigma-z	kg/m**3
POTDEN	potential density	kg/m**3
DYN	dynamic height	j/kg
VAIS	Vaisala frequency sqrd	10**6/s**2
SV	sound velocity	m/s
TF	transport function	m**3/s**2
DELTA	specific volume anom.	m**3/kg
Z	depth	m

N+2 : EOF

The data is ordered from top to bottom of cast, starting with 0.0 db pressure and continuing every 3.0 decibars to the bottom of the cast.

If I can be of any further assistance with this, feel free to contact me at 206 533-2007 or Gunnar Roden at 206 543-5627.

Bill Fredericks
Scientific Programmer for Gunnar Roden

90.0000	33.2831	7.7728	7.7878	1025.9772	1026.4093	1025.95	2.6640	108.5999	1481.2426	131.7595	201.3254	81.932
93.0000	33.3615	7.7306	7.7217	1026.0265	1026.4322	1026.02	2.7239	83.7488	1481.2632	139.7861	198.5960	91.727
96.0000	33.3876	7.7144	7.7051	1026.0493	1026.4888	1026.0506	2.7832	67.2806	1481.2831	147.9901	196.4698	95.4521
99.0000	33.4089	7.6990	7.6895	1026.0683	1026.5215	1026.0696	2.8419	57.5524	1481.3001	156.3694	194.7154	98.4314
102.0000	33.4275	7.6836	7.6738	1026.0851	1026.5520	1026.0865	2.9001	52.2655	1481.3137	164.9226	193.1651	101.4106
105.0000	33.4446	7.6681	7.6581	1026.1007	1026.5814	1026.1022	2.9578	49.1848	1481.3249	173.6482	191.7236	104.3897
108.0000	33.4608	7.6529	7.6426	1026.1156	1026.6101	1026.1171	3.0151	46.6662	1481.3360	182.5449	190.3558	107.3687
111.0000	33.4761	7.6386	7.6280	1026.1297	1026.6379	1026.1312	3.0720	43.9030	1481.3492	191.6115	189.0634	110.3476
114.0000	33.4904	7.6235	7.6146	1026.1428	1026.6648	1026.1444	3.1286	40.8613	1481.3660	200.6468	187.8591	113.3265
117.0000	33.5038	7.6138	7.6027	1026.1550	1026.6907	1026.1566	3.1848	37.9767	1481.3870	210.2497	186.7467	116.3052
120.0000	33.5164	7.6035	7.5920	1026.1664	1026.7158	1026.1680	3.2406	35.7915	1481.4119	219.8194	185.7131	119.2839
123.0000	33.5285	7.5942	7.5825	1026.1772	1026.7404	1026.1789	3.2962	34.7152	1481.4405	229.5547	184.7301	122.2625
126.0000	33.5406	7.5860	7.5740	1026.1879	1026.7648	1026.1896	3.3515	34.9626	1481.4733	239.4549	183.7602	125.2411
129.0000	33.5533	7.5790	7.5667	1026.1989	1026.7895	1026.2007	3.4064	36.5776	1481.5115	249.5190	182.7626	128.2196
132.0000	33.5672	7.5734	7.5608	1026.2106	1026.8149	1026.2124	3.4611	39.4163	1481.5570	259.7462	181.6974	131.1980
135.0000	33.5828	7.5695	7.5566	1026.2234	1026.8414	1026.2252	3.5154	43.0793	1481.6108	270.1354	180.5321	134.1763
138.0000	33.6001	7.5668	7.5536	1026.2374	1026.8691	1026.2393	3.5694	46.9116	1481.6718	280.6856	179.2504	137.1545
141.0000	33.6190	7.5646	7.5511	1026.2526	1026.8980	1026.2545	3.6230	50.1829	1481.7367	291.3956	177.8587	140.1327
144.0000	33.6388	7.5616	7.5478	1026.2686	1026.9277	1026.2706	3.6761	52.8897	1481.7997	302.2642	176.3897	143.1107
147.0000	33.6590	7.5566	7.5425	1026.2851	1026.9580	1026.2871	3.7288	53.4567	1481.8555	313.2901	174.8621	146.0887
150.0000	33.6788	7.5485	7.5342	1026.3018	1026.9884	1026.3039	3.7810	53.6686	1481.8991	324.4718	173.3244	149.0666
153.0000	33.6979	7.5371	7.5225	1026.3185	1027.0188	1026.3206	3.8328	53.3425	1481.9285	335.8080	171.7903	152.0444
156.0000	33.7162	7.5225	7.5076	1026.3350	1027.0490	1026.3371	3.8841	52.5133	1481.9444	347.2974	170.2722	155.0221
159.0000	33.7336	7.5054	7.4903	1026.3511	1027.0788	1026.3532	3.9350	50.8586	1481.9498	358.9385	168.7872	157.9997
162.0000	33.7499	7.4871	7.4717	1026.3665	1027.1080	1026.3687	3.9854	47.9189	1481.9488	370.7301	167.3669	160.9773
165.0000	33.7647	7.4686	7.4529	1026.3808	1027.1360	1026.3830	4.0354	43.4506	1481.9452	382.6708	166.0558	163.9547
168.0000	33.7775	7.4508	7.4349	1026.3934	1027.1624	1026.3957	4.0850	37.6927	1481.9416	394.7596	164.8996	166.9321
171.0000	33.7881	7.4339	7.4176	1026.4041	1027.1868	1026.4064	4.1344	31.3800	1481.9382	406.9954	163.9288	169.9094
174.0000	33.7962	7.4174	7.4009	1026.4128	1027.2093	1026.4151	4.1834	25.5153	1481.9385	419.3774	163.1456	172.8866
177.0000	33.8021	7.4005	7.3838	1026.4198	1027.2301	1026.4221	4.2323	21.0016	1481.9245	431.9048	162.5213	175.8638
180.0000	33.8063	7.3826	7.3656	1026.4236	1027.2497	1026.4280	4.2810	18.3892	1481.9096	444.5772	162.0047	178.8408
183.0000	33.8096	7.3633	7.3460	1026.4310	1027.2688	1026.4334	4.3295	17.2845	1481.8868	457.3940	161.5396	181.8179
186.0000	33.8126	7.3430	7.3255	1026.4362	1027.2878	1026.4386	4.3779	17.2990	1481.8605	470.3549	161.0831	184.7949
189.0000	33.8158	7.3229	7.3051	1026.4415	1027.3069	1026.4440	4.4261	17.4854	1481.8351	483.4594	160.6169	187.7718
192.0000	33.8193	7.3044	7.2863	1026.4468	1027.3260	1026.4494	4.4743	17.1238	1481.8162	496.7070	160.1491	190.7487
195.0000	33.8230	7.2886	7.2703	1026.4519	1027.3449	1026.4545	4.5222	15.8799	1481.8082	510.0974	159.7042	193.7255
198.0000	33.8266	7.2762	7.2576	1026.4565	1027.3633	1026.4591	4.5701	13.8439	1481.8132	523.6302	159.3097	196.7022
201.0000	33.8299	7.2671	7.2482	1026.4604	1027.3809	1026.4630	4.6178	11.3885	1481.8308	537.3051	158.9849	199.6789
204.0000	33.8327	7.2608	7.2416	1026.4635	1027.3977	1026.4662	4.6655	10.3251	1481.8588	551.1217	158.7354	202.6556
207.0000	33.8358	7.2591	7.2357	1026.4667	1027.4146	1026.4694	4.7131	8.3037	1481.8896	565.0797	158.4734	205.6322
210.0000	33.8376	7.2524	7.2327	1026.4685	1027.4302	1026.4713	4.7606	4.5939	1481.9301	579.1792	158.3433	208.6087
213.0000	33.8386	7.2514	7.2314	1026.4695	1027.4448	1026.4722	4.8081	2.9726	1481.9763	593.4198	158.3004	211.5852
216.0000	33.8396	7.2510	7.2307	1026.4703	1027.4594	1026.4731	4.8556	3.0290	1482.0250	607.8015	158.2660	214.5617
219.0000	33.8406	7.2498	7.2292	1026.4712	1027.4740	1026.4741	4.9030	3.4033	1482.0703	622.3243	158.2198	217.5381
222.0000	33.8416	7.2478	7.2269	1026.4723	1027.4888	1026.4752	4.9505	4.4844	1482.1127	636.9883	158.1633	220.5145
225.0000	33.8432	7.2452	7.2241	1026.4739	1027.5041	1026.4769	4.9979	5.9679	1482.1535	651.7931	158.0532	223.4908
228.0000	33.8452	7.2422	7.2208	1026.4759	1027.5198	1026.4789	5.0453	5.6530	1482.1933	666.7389	157.9090	226.4671
231.0000	33.8466	7.2398	7.2181	1026.4773	1027.5350	1026.4804	5.0927	4.0329	1482.2346	681.8255	157.8175	229.4433
234.0000	33.8476	7.2384	7.2164	1026.4783	1027.5497	1026.4814	5.1400	.0000	1482.2793	697.0527	157.7690	232.4195

INVENTORY
Record 6790 on screen
174428

Record found

9:41:50a

DATA ENTRY INFORMATION SYSTEM
(DATASET INVENTORY)

SJH

E OF ENTRY: 04/28/88

REFERENCE NUMBER: TV0234 ACCESSION NUMBER: 8700378
FORMER REFERENCE NUMBER: FORMER ACCESSION NUMBER: (RESUB ONLY)

INVENTORY

MEDIA-IN: 01 - Digital Magnetic Tape DINDB CODE 09
EXCHANGE (FORMAT): E018 - STD/CTD (F022)
PROCESSING (FORMAT): F022 - CTD/STD

* NOTE * If data is F022, create an additional record for C022.

INSTITUTE (COUNTRY AND INSTITUTE CODES): 3109
PLATFORM (COUNTRY AND PLATFORM CODES): 31TT
PLATFORM TYPE: 9 - Ship DINDB CODE 09

ORIGINATORS FILE ID: ORIGINATORS CRUISE ID: TT-027
CRUISE START DATE: 11/02/69 CRUISE END DATE: 12/06/69 Press PgDn
PROJECT CODE: DATA USE CODE (DUC): 3 to continue
F2ENTER F3VIEW F4EXIT F5FORM CLR F6FLD CLR F7DELETE F8MODIFY F9REPORT F10MULTI

INVENTORY

9:41:58a

VOLUME - NUMBER OF STATIONS: 133 NUMBER OF RECORDS: 13,407

If STA/REC counts are not appropriate then enter -

NUMBER: UNITS:
AVERAGE REC SIZE: 120 MBYTES: 1.608840

OCEAN AREA

CODE 1: 57A MEANING: NW Pacific (limit-180)
CODE 2: MEANING:
CODE 3: MEANING:

DINDB TRACK TRANSACTION GENERATED: / /

F2ENTER F3VIEW F4EXIT F5FORM CLR F6FLD CLR F7DELETE F8MODIFY F9REPORT F10MULTI

SESSION NO. 8700378 FILETYPE STD

TRACK NO. TV0234

PROJECT IDENTIFICATION _____

TT-027 U. Washington
8700378

MID-PACIFIC
TRANSITION ZONE

STEP	DATE	INIT.	TAPE OR DISK DSN	NO. FILES	LRECL	BLK SIZE	NO. RECORDS
ORIGINAL TAPE	12/17/87	CMH	A00614 - TT-027	133	130	3900	55974
DUPLICATE TAPE	01/12/88	CMH	W10516	133	130	3900	
FORMATTED TAPE							
FORMATTED DISK	4/7/88	R.P.S.	DNODE*THOMPA.OUT	1	120	224	13,407
FIRST MULCHEK							
FINAL MULCHEK							
F075 OR F022							
DATA SET FINALIZED							

ERRORS REPORTED TO PRINCIPAL INVESTIGATOR: Tape is 9 TRK, NL, 1600bpi

ADDITIONAL ERRORS/CORRECTIONS (NOT REPORTED TO P.I.)

COMMENTS (TRACKS DELETED, FIELDS DELETED, ETC.)

#344/11-23-87

8100-1 r

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

TO: NOAA/NESDIS/NODC 1825 Connecticut Ave NW Washington DC 20235	REFER TO
	ATTENTION E/OC13, Dr. Anthony R. Picciolo

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

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

Cert. no. 523154

Enclosed, find three (3) magnetic data tapes and documentation forms as received from Mr. Bill Fredericks, University of Washington (for Dr. Gunnar Roden).

NOTE: These data are re-submissions and should be used to replace the previous data sets from these three cruises that were received at NODC on 9/19/86, (under NODC accession no. 86-00315).

The three replacement cruises include:

- 1) TT-027, 3/25/68 to 5/1/68, with 130+6 stations of STD data.
- 2) TT-045, 11/1/69 to 12/6/69, with 254 stations of STD data ✓ in 8600315
- 3) TT-103, 9/8/75 to 10/9/75, with 287 stations of CTD data.

** These data sets contain several additional parameters that were not in the previous data submission.

*** Please see Mr. Fredericks cover letter for it explains the reason the original data is being replaced.

A00614
A00615 ✓
A00616

cc: Mr. Bill Fredericks, UW

8700378

FORWARDED BY (Signature) <i>Sid Stillwaugh</i> Sid Stillwaugh	TITLE NODC Liaison Officer, Seattle	DATE FORWARDED 11/19/87
RECEIVED BY (Signature) <i>F Mitchell</i>	TITLE	DATE RECEIVED 11-23-87

USER NAME: Cliff Hartley PHONE #: 673-5636 ORG/TASK #: EG1200 EN 3A'6 DATE SUBMITTED: 01/07/88 DATE DJE: ASAP BIN #: 09

EQUIPMENT TO BE USED AND FUNCTION TO BE PERFORMED

*Copy to 'W' tape;
Scan 'W' tape*

INPUT MEDIUM: PAPER CARD DISK TAPE DISKETTE OTHER(SPECIFY)
 OUTPUT MEDIUM: CARD DISK PRINT TAPE PLOT DISKETTE OTHER(SPECIFY)

TAPE/DISKETTE INFORMATION

	<u>TAPE #/</u> DISKETTE	SLOT #	TRK	DENSITY	PARITY	LABEL TYPE	RECORD TYPE	RECORD LENGTH	MAX. BLOCK SIZE	# OF FILES	
INPUT	<u>A00614</u>		<u>9</u>	<u>1600</u>	<u>ODD</u>	<u>NL</u>	<u>FB</u>	85 <u>130</u>	<u>3900</u>	<u>133</u>	
	SECTOR SIZE	EXCHANGE TYPE	CODE: <u>ASCII</u> EBCDIC BCD SDF OTHER(SPECIFY)				DATA SET NAME				PURGE DATE
	<u>TAPE #/</u> DISKETTE	SLOT #	TRK	DENSITY	PARITY	LABEL TYPE	RECORD TYPE	RECORD LENGTH	MAX. BLOCK SIZE	# OF FILES	
	SECTOR SIZE	EXCHANGE TYPE	CODE: ASCII EBCDIC BCD SDF OTHER(SPECIFY)				DATA SET NAME				PURGE DATE
OUTPUT	<u>W10516</u>		<u>9</u>	<u>1600</u>	<u>ODD</u>	<u>NL</u>	<u>FB</u>	85 <u>130</u>	<u>3900</u>	<u>133</u>	
	SECTOR SIZE	EXCHANGE TYPE	CODE: <u>ASCII</u> EBCDIC BCD SDF OTHER(SPECIFY)				DATA SET NAME				PURGE DATE
	<u>TAPE #/</u> DISKETTE	SLOT #	TRK	DENSITY	PARITY	LABEL TYPE	RECORD TYPE	RECORD LENGTH	MAX. BLOCK SIZE	# OF FILES	
	SECTOR SIZE	EXCHANGE TYPE	CODE: ASCII EBCDIC BCD SDF OTHER(SPECIFY)				DATA SET NAME				PURGE DATE

SPECIAL INSTRUCTIONS: *Please send W tape to Asheville, N.C.*

ESTIMATED EXECUTION TIME

D731 USE ONLY

JOB #	DATE JOB COMPLETED	START TIME	END TIME	PRIORITY	DEVICES USED, NUMBER OF TAPE MOUNTS, LINES PRINTED DISKETTES USED, CARDS PUNCHED, CARDS KEYVERIFIED
<u>88010717</u>	<u>01/07/88</u>	<u>13:15</u>	<u>14:00</u>	<u>C</u>	<u>COMPLETED BY JS</u>

COMMENTS

USER NAME <i>Cliff Hattley</i>	PHONE # <i>673-5636</i>	ORG/TASK # <i>EG12008N3A119</i>	DATE SUBMITTED <i>12/15/87</i>	DATE DUE <i>ASAP</i>	BIN # <i>09</i>
EQUIPMENT TO BE USED AND FUNCTION TO BE PERFORMED					

Please scan tape

INPUT MEDIUM PAPER CARD DISK <u>TAPE</u> DISKETTE OTHER(SPECIFY)	OUTPUT MEDIUM CARD DISK <u>PRINT</u> TAPE PLOT DISKETTE OTHER(SPECIFY)
--	--

TAPE/DISKETTE INFORMATION

	TAPE #/ DISKETTE	SLOT #	TRK	DENSITY	PARITY	LABEL TYPE	RECORD TYPE	RECORD LENGTH	MAX. BLOCK SIZE	# OF FILES	
INPUT	<i>A00614</i>		<i>9</i>	<i>1600</i>							
	SECTOR SIZE	EXCHANGE TYPE	CODE: ASCII EBCDIC BCD SDF OTHER(SPECIFY)				DATA SET NAME				PURGE DATE
	TAPE #/ DISKETTE	SLOT #	TRK	DENSITY	PARITY	LABEL TYPE	RECORD TYPE	RECORD LENGTH	MAX. BLOCK SIZE	# OF FILES	
	SECTOR SIZE	EXCHANGE TYPE	CODE: ASCII EBCDIC BCD SDF OTHER(SPECIFY)				DATA SET NAME				PURGE DATE
OUTPUT	TAPE #/ DISKETTE	SLOT #	TRK	DENSITY	PARITY	LABEL TYPE	RECORD TYPE	RECORD LENGTH	MAX. BLOCK SIZE	# OF FILES	
	SECTOR SIZE	EXCHANGE TYPE	CODE: ASCII EBCDIC BCD SDF OTHER(SPECIFY)				DATA SET NAME				PURGE DATE
	TAPE #/ DISKETTE	SLOT #	TRK	DENSITY	PARITY	LABEL TYPE	RECORD TYPE	RECORD LENGTH	MAX. BLOCK SIZE	# OF FILES	
	SECTOR SIZE	EXCHANGE TYPE	CODE: ASCII EBCDIC BCD SDF OTHER(SPECIFY)				DATA SET NAME				PURGE DATE

SPECIAL INSTRUCTIONS

*Please return tape A00614 to
Bin 09*

ESTIMATED
EXECUTION
TIME

D731 USE ONLY

JOB #	DATE JOB COMPLETED	START TIME	END TIME	PRIORITY	DEVICES USED, NUMBER OF TAPE MOUNTS, LINES PRINTED DISKETTES USED, CARDS PUNCHED, CARDS KEYVERIFIED
<i>117110</i>	<i>12/17/87</i>	<i>0830</i>	<i>0850</i>	<i>C</i>	<i>COMPLETED BY J.S.</i>

COMMENTS

TO: E/OC12 - Branch Chief

E/OC11 - P. Hadsell

87.00378

FROM: E/OC13 - A. Picciolo

DATE: January 9, 1989

SUBJECT: Data Transfer

The following listed data sets have been transferred as indicated:

ARCHIVE AND INVENTORIES BRANCH

(OC11)

----- Level II & III -----

C/STD (F022/C022)

Acc: 8600315 Ref: TV2243 286 sta. 28,264 records
319839

Univ. of Washington

** This is a re-submission; Erroneous Data Form
submitted to P. Hadsell.

(formerly: TT6332/319681)

cc: Division Director

INVENTORY
Record 7545 on screen
179881

. Record found

DATA ENTRY INFORMATION SYSTEM
(DATASET INVENTORY)

FJM

E OF ENTRY: 01/09/89

REFERENCE NUMBER: TV2243 ACCESSION NUMBER: 8600315
FORMER REFERENCE NUMBER: FORMER ACCESSION NUMBER: (RESUB ONLY)

INVENTORY

MEDIA-IN: 01 - Digital Magnetic Tape DINDB CODE 09
EXCHANGE (FORMAT): E018 - STD/CTD (F022)
PROCESSING (FORMAT): F022 - CTD/STD

* NOTE * If data is F022, create an additional record for C022.

INSTITUTE (COUNTRY AND INSTITUTE CODES): 3109
PLATFORM (COUNTRY AND PLATFORM CODES): 31TT
PLATFORM TYPE: 9 - Ship DINDB CODE 09

ORIGINATORS FILE ID: ORIGINATORS CRUISE ID: TT-103
CRUISE START DATE: 09/08/75 CRUISE END DATE: 10/09/75 Press PgDn
PROJECT CODE: DATA USE CODE (DUC): 3 to continue

F2ENTER F3VIEW F4EXIT F5FORM CLR F6FLD CLR F7DELETE F8MODIFY F9REPORT F10MULTI

INVENTORY

VOLUME - NUMBER OF STATIONS: 286 NUMBER OF RECORDS: 28,264

If STA/REC counts are not appropriate then enter -

NUMBER: UNITS:
AVERAGE REC SIZE: 120 MBYTES: 3.391680

OCEAN AREA

CODE 1: 57A MEANING: NW Pacific (limit-180)
CODE 2: MEANING:
CODE 3: MEANING:

DINDB TRACK TRANSACTION GENERATED: / /

F2ENTER F3VIEW F4EXIT F5FORM CLR F6FLD CLR F7DELETE F8MODIFY F9REPORT F10MULTI

8700378

ACCESSION NO. 8700378FILETYPE STD

TRACK NO. _____

PROJECT IDENTIFICATION _____

TT-103 U. Washington

MID-PACIFIC TRANSITION ZONE
WASH UNIV.

STEP	DATE	INIT.	TAPE OR DISK DSN	NO. FILES	NO. LRECL	BLK SIZE	NO. RECORDS
ORG. TAPE	02/17/87	CMH	A00616 TT-103	286	130	3900	132,176
DUPLICATE TAPE	01/12/88	CMH	W12138	286	130	3900	
REFORMATTED TAPE	10-27-86	R.P.S.	W02092	1	120	12000	28,264
REFORMATTED DISK							
FIRST MULCHEK							
FINAL MULCHEK							
F075 OR F022							
DATA SET FINALIZED							

ERRORS REPORTED TO PRINCIPAL INVESTIGATOR: Tape is 9TRK, NL, 1600 bpi.

ADDITIONAL ERRORS/CORRECTIONS (NOT REPORTED TO P.I.)

COMMENTS (TRACKS DELETED, FIELDS DELETED, ETC.)

USER NAME: Cliff Hartley PHONE #: 673-5636 ORG/TASK #: EG12008N3AV6 DATE SUBMITTED: 01/07/88 DATE DUE: ASAP BIN #: 09

EQUIPMENT TO BE USED AND FUNCTION TO BE PERFORMED

copy to 'W' tape
Scan 'W' tape

INPUT MEDIUM PAPER CARD DISK <u>TAPE</u> DISKETTE OTHER(SPECIFY)	OUTPUT MEDIUM CARD DISK <u>PRINT</u> <u>TAPE</u> PLOT DISKETTE OTHER(SPECIFY)
---	---

TAPE/DISKETTE INFORMATION

	TAPE #/ DISKETTE	SLOT #	TRK	DENSITY	PARITY	LABEL TYPE	RECORD TYPE	RECORD LENGTH	MAX. BLOCK SIZE	# OF FILES
INPUT	<u>A00616</u>		<u>9</u>	<u>1600</u>	<u>ODD</u>	<u>NL</u>	<u>FB</u>	<u>130</u>	<u>3900</u>	<u>286</u>
	SECTOR SIZE	EXCHANGE TYPE	CODE: <u>ASCII</u> EBCDIC BCD SDF OTHER(SPECIFY)				DATA SET NAME		PURGE DATE	
	TAPE #/ DISKETTE	SLOT #	TRK	DENSITY	PARITY	LABEL TYPE	RECORD TYPE	RECORD LENGTH	MAX. BLOCK SIZE	# OF FILES
	SECTOR SIZE	EXCHANGE TYPE	CODE: ASCII EBCDIC BCD SDF OTHER(SPECIFY)				DATA SET NAME		PURGE DATE	
OUTPUT	<u>W12138</u>		<u>9</u>	<u>1600</u>	<u>ODD</u>	<u>NL</u>	<u>FB</u>	<u>130</u>	<u>3900</u>	<u>286</u>
	SECTOR SIZE	EXCHANGE TYPE	CODE: <u>ASCII</u> EBCDIC BCD SDF OTHER(SPECIFY)				DATA SET NAME		PURGE DATE	

SPECIAL INSTRUCTIONS

Please send 'W' tape to Asheville, N.C.

ESTIMATED EXECUTION TIME

D731 USE ONLY

JOB #	DATE JOB COMPLETED	START TIME	END TIME	PRIORITY	DEVICES USED, NUMBER OF TAPE MOUNTS, LINES PRINTED DISKETTES USED, CARDS PUNCHED, CARDS KEYVERIFIED
<u>88010720</u>	<u>01/12/88</u>	<u>13:40</u>	<u>13:40</u>	<u>C</u>	<u>COMPLETED BY J.S.</u>

COMMENTS

USER NAME <i>Cliff Hartley</i>	PHONE # 673-5636	ORG/TASK # EG12008N3A119	DATE SUBMITTED 12/5/87	DATE DUE ASAP	BIN # 09
EQUIPMENT TO BE USED AND FUNCTION TO BE PERFORMED					

Please scan tape

INPUT MEDIUM PAPER CARD DISK TAPE DISKETTE OTHER(SPECIFY)	OUTPUT MEDIUM CARD DISK PRINT TAPE PLOT DISKETTE OTHER(SPECIFY)
--	--

TAPE/DISKETTE INFORMATION

	TAPE #/ DISKETTE	SLOT #	TRK	DENSITY	PARITY	LABEL TYPE	RECORD TYPE	RECORD LENGTH	MAX. BLOCK SIZE	# OF FILES
INPUT	<i>A00616</i>									
	SECTOR SIZE	EXCHANGE TYPE	CODE: ASCII EBCDIC BCD SDF OTHER(SPECIFY)				DATA SET NAME			PURGE DATE
	TAPE #/ DISKETTE	SLOT #	TRK	DENSITY	PARITY	LABEL TYPE	RECORD TYPE	RECORD LENGTH	MAX. BLOCK SIZE	# OF FILES
	SECTOR SIZE	EXCHANGE TYPE	CODE: ASCII EBCDIC BCD SDF OTHER(SPECIFY)				DATA SET NAME			PURGE DATE
OUTPUT	TAPE #/ DISKETTE	SLOT #	TRK	DENSITY	PARITY	LABEL TYPE	RECORD TYPE	RECORD LENGTH	MAX. BLOCK SIZE	# OF FILES
	SECTOR SIZE	EXCHANGE TYPE	CODE: ASCII EBCDIC BCD SDF OTHER(SPECIFY)				DATA SET NAME			PURGE DATE
	TAPE #/ DISKETTE	SLOT #	TRK	DENSITY	PARITY	LABEL TYPE	RECORD TYPE	RECORD LENGTH	MAX. BLOCK SIZE	# OF FILES
	SECTOR SIZE	EXCHANGE TYPE	CODE: ASCII EBCDIC BCD SDF OTHER(SPECIFY)				DATA SET NAME			PURGE DATE

SPECIAL INSTRUCTIONS

*Please return tape A00616
to Bin 09*

ESTIMATED
EXECUTION
TIME

D731 USE ONLY

JOB #	DATE JOB COMPLETED	START TIME	END TIME	PRIORITY	DEVICES USED, NUMBER OF TAPE MOUNTS, LINES PRINTED DISKETTES USED, CARDS PUNCHED, CARDS KEYVERIFIED
<i>12/17/87</i>	<i>12/17/87</i>	<i>09:45</i>	<i>11:25</i>	<i>C</i>	<i>COMPLETED By JS.</i>

COMMENTS

344-111-23-87

ACCESSION NUMBER

8700378

DATA DOCUMENTATION FORM

NOAA FORM 24-13
(4-77)

U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL OCEANOGRAPHIC DATA CENTER
RECORDS SECTION
WASHINGTON, DC 20238

FORM 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			
University of Washington Dept. of Oceanography WB-10 Seattle, Wa. 98195			
2. EXPEDITION, PROJECT, OR PROGRAM DURING WHICH DATA WERE COLLECTED		3. CRUISE NUMBER(S) USED BY ORIGINATOR TO IDENTIFY DATA IN THIS SHIPMENT	
Central North Pacific Subarctic Front		TT-103	
4. PLATFORM NAME(S)	5. PLATFORM TYPE(S) (E.G., SHIP, BUOY, ETC.)	6. PLATFORM AND OPERATOR NATIONALITY(IES)	7. DATES
T.G. Thompson	ship	PLATFORM	OPERATOR
		FROM: MO/DAY/YR	TO: MO/DAY/YR
		U.S.A.	U.S.A.
		9/8/75	10/9/75
8. ARE DATA PROPRIETARY? <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES IF YES, WHEN CAN THEY BE RELEASED FOR GENERAL USE? YEAR _____ MONTH _____		11. PLEASE DARKEN ALL MARSDEN SQUARES IN WHICH ANY DATA CONTAINED IN YOUR SUBMISSION WERE COLLECTED.	
		GENERAL AREA	
9. ARE DATA DECLARED NATIONAL PROGRAM (DNP)? (I.E., SHOULD THEY BE INCLUDED IN WORLD DATA CENTERS HOLDINGS FOR INTERNATIONAL EXCHANGE?) <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES <input type="checkbox"/> PART (SPECIFY BELOW)			
10. PERSON TO WHOM INQUIRIES CONCERNING DATA SHOULD BE ADDRESSED WITH TELEPHONE NUMBER (AND ADDRESS IF OTHER THAN IN ITEM-1)			
Dr. Gunnar I. Roden (206) 543-5627			

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

2. GIVE BRIEF DESCRIPTION OF FILE ORGANIZATION

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

4. RESPONSIBLE COMPUTER SPECIALIST:
NAME AND PHONE NUMBER Mr. Bill Fredericks, Univ. of Washington, Dept. of
ADDRESS Oceanography (206) 543-2007

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 checked="" type="checkbox"/> ASCII <input type="checkbox"/> EBCDIC</p> <p><input type="checkbox"/> _____</p>	<p>9. LENGTH OF INTER-RECORD GAP (IF KNOWN) <input type="checkbox"/> 3/4 INCH</p> <p><input type="checkbox"/> _____</p>
<p>6. NUMBER OF TRACKS (CHANNELS)</p> <p><input type="checkbox"/> SEVEN</p> <p><input checked="" type="checkbox"/> NINE</p> <p><input type="checkbox"/> _____</p>	<p>10. END OF FILE MARK</p> <p><input checked="" 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;">-----</p> <p style="text-align: center;">Central North Pacific Subarctic Front CTD data sets, cruise period 9/8/75 to 10/9/75, 9 track, ASCII, 1600 bpi, unlabelled, 80 char. recs., 30 logical records per one physical tape rec.</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;">2400</p>
	<p>13. LENGTH OF BYTES IN BITS</p>

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

TO: NOAA/NESDIS/NODC
1825 Connecticut Ave NW
Washington DC 20235

REFER TO
ATTENTION
E/OC13, Dr. Anthony R. Picciolo

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

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

Cert. no. 523154

Enclosed, find three (3) magnetic data tapes and documentation forms as received from Mr. Bill Fredericks, University of Washington (for Dr. Gunnar Roden).

NOTE: These data are re-submissions and should be used to replace the previous data sets from these three cruises that were received at NODC on 9/19/86, (under NODC accession no. 86-00315).

The three replacement cruises include:

- 1) TT-027, 3/25/68 to 5/1/68, with 130+6 stations of STD data
- 2) TT-045, 11/1/69 to 12/6/69, with 254 stations of STD data ✓ in 8600315
- ✓ 3) TT-103, 9/8/75 to 10/9/75, with 287 stations of CTD data. TT6332

** These data sets contain several additional parameters that were not in the previous data submission.

*** Please see Mr. Fredericks cover letter for it explains the reason the original data is being replaced.

A00614
 in 8600315-A00615 ✓
 A00616

cc: Mr. Bill Fredericks, UW

8700378

FORWARDED BY (Signature) <i>Sid Stillwaugh</i> Sid Stillwaugh	TITLE NODC Liaison Officer, Seattle	DATE FORWARDED 11/19/87
RECEIVED BY (Signature) <i>F Mitchell</i> F Mitchell	TITLE	DATE RECEIVED 11-23-87

TRANSMITTAL AND RECEIPT RECORD

(Please sign and return carbon copy acknowledging receipt)

TO: NODC Liaison Office, NOAA NESDIS 7600 Sand Point Way NE Bldg 1 Seattle, WA 98115	REFER TO
	ATTENTION Sid Stillwaugh

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 one magnetic data tape, SID69, that is returned because a number of scans indicate no data on the tape. Also enclosed is a copy of our scan and your transmittal. The other two data tapes you submitted turned out to be fine.

Enclosures:

cc: Picciolo

FORWARDED BY (Signature) <i>Sid Halminski</i> Sid Halminski	TITLE Oceanographer	DATE FORWARDED 1/6/88
RECEIVED BY (Signature)	TITLE	DATE RECEIVED

#344/11-23-87

8700378

NOAA FORM 24-5
(8-73)

U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION

TRANSMITTAL AND RECEIPT RECORD

(Please sign and return carbon copy acknowledging receipt)

TO: NOAA/NESDIS/NODC
1825 Connecticut Ave NW
Washington DC 20235

REFER TO

ATTENTION
E/OC13, Dr. Anthony R. Picciolo

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

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

Cert. no. 523154

Enclosed, find three (3) magnetic data tapes and documentation forms as received from Mr. Bill Fredericks, University of Washington (for Dr. Gunnar Roden).

NOTE: These data are re-submissions and should be used to replace the previous data sets from these three cruises that were received at NODC on 9/19/86, (under NODC accession no. 86-00315).

The three replacement cruises include:

- 1) TT-027, 3/25/68 to 5/1/68, with 130+6 stations of STD data
- ✓ 2) TT-045, 11/1/69 to 12/6/69, with 254 stations of STD data ✓ ~~SID 69~~
- 3) TT-103, 9/8/75 to 10/9/75, with 287 stations of CTD data.

** These data sets contain several additional parameters that were not in the previous data submission.

*** Please see Mr. Fredericks cover letter for it explains the reason the original data is being replaced.

A00614
A00615 ✓
A00616

cc: Mr. Bill Fredericks, UW

8700378

FORWARDED BY (Signature) <i>Sid Stillwaugh</i> Sid Stillwaugh	TITLE NODC Liaison Officer, Seattle	DATE FORWARDED 11/19/87
RECEIVED BY (Signature) <i>F. Mitchell</i> F. Mitchell	TITLE	DATE RECEIVED 11-23-87

Password:

accNo	fleA	refNo	proj	inst	ship	startDate	cruise	catId
8700378	C022	319754	9999	3109	31TT	1968/04/01	TV0234	175181
8700378	F022	TV0234	9999	3109	31TT	1968/04/01	TT-027	175182

(2 rows affected)

Password:

accNo	fileA	refNo	ship	staCnt	recCnt	startDate	endDate
8700378	C022	319754	31TT	133	264	68/04/01	68/05/02
8700378	F022	TV0234	31TT	133	13407	68/04/01	68/05/02

(2 rows affected)