9300020

# F015 TW4808 - TW4828

ACCESS NUMBER	REF NUMBER	FILE TYPE	PROJ CODE	INST	PLAT	CRUISE NO	CRUISI START	E CRUISE END	NUM STA	NUM REC
9300020	TW4808	F015	0081	313F	317F	AN0711	09/15/89	10/01/90	1	9,143
9300020	TW4809	F015	0081	313F	317F	AN2157	04/21/90	09/02/90	1	3,239
9300020	TW4810	F015	0081	313F	317F	AN1464	09/15/89	05/03/90	1	5,510
9300020	TW4811	F015	0081	313F	317F	AN2171	04/22/90	10/03/90	1	3,937
9300020	TW4812	F015	0081	313F	317F	AN2265	04/22/90	10/03/90	1	3,937
9300020	TW4813	F015	0081	313F	317F	AN6571	09/09/89	12/05/89	1	2,071
9300020	TW4814	F015	0081	313F	317F	AN2477	09/14/89	07/06/90	1	7,074
9300020	TW4815	F015	0081	313F	317F	AN1682	05/03/90	09/01/90	1	2,901
9300020	TW4816	F015	0081	313F	317F	AN1463	04/21/90	10/06/90	1	4,033
9300020	TW4817	F015	0081	313F	317F	AN3132	09/14/89	09/08/90	1	8,619
9300020	TW4818	F015	0081	313F	317F	AN5431	04/22/90	10/06/90	1	4,011
9300020	TW4819	F015	0081	313F	317F	AN2358	09/14/89	10/04/90	1	9,240
9300020	TW4820	F015	0081	313F	317F	AN2501	04/24/90	09/05/90	1	3,238
9300020	TW4821	F015	0081	313F	317F	AN5214	09/13/89	08/02/90	1	7,754
9300020	TW4822	F015	0081	313F	317F	AN3176	09/13/89	10/07/90	1	9,355
9300020	TW4823	F015	0081	313F	317F	AN2111	04/22/90	10/03/90	1	3,937
9300020	TW4824	F015	0081	313F	317F			09/30/90	1	3,837
9300020					317F			09/30/90	1	3,839
9300020	TW4826				317F			09/30/90	1	3,839
00020			0081					04/26/90	1	5,391
00020	TW4828	F015	0081	313F =====	317F	AN3336	09/15/89 =======	10/01/90 	1 ======	9,145

OCSEAP BRISTOL, ST. GEORGE 21 114,050

ACCESSION NO. 9300020	FILETYPE	FØ15	TRACK NO	PROJECT IDENTIFIC	CATION OCS	EAP
		-	TW4808-4828			·
STEP	DATE ,	INIT.	TAPE OR DISK DSN	NO. FILES.LR	REC <del>IX B</del> LK SIZE.	NO. RECORDS
ORIG. TAPE	2/4/93	FJM	DO2626 (AD1642)	1	40 4200	119,969
DUPLICATE TAPE	3-3-93	V	W74048 +x	1 1	40 4200	V
REFORMATTED TAPE	3-31-93	R.P.S.	W52395 ***	1 6	0 6000	114,100
REFORMATTED DISK						
FIRST MULCHEK						
FINAL MULCHEK						
MPD75 OR F022						
DATA SET FINALIZED	·					
EBRORS REPORTED TO PININCLE	AL INVESTI	•	Bytes OF DATH -  ** LABEL = DNODC			5)
ADDITIONAL ERRORS/CORRECTI	ONS (NOT RI	•	•		•	<u> </u>

COMMENTS (TRACKS DELETED, FIELDS DELETED, ETC.)

## TRANSMITTAL AND RECEIPT RECORD

(Please sign and return carbon copy acknowledging receipt)

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

ATTENTION 9300020

E/OC13, Dr. Anthony R. Picciolo

7	ΉE	1	TEMI	S)	LISTED	BELOW	WERE	FORWARDED	TO	YOU	-

MAIL	ORDINARY	REGISTERED
------	----------	------------

AIR CERTIFIED

GOVERNMENT

BY HAND

OTHER

Enclosed, find documentation and one (1) magnetic tape containing 1 large file (21 meters) of OCSEAP project current meter data in NODC FT 015. These data were submitted by Ms. Lynn Long, NOAA/PMEL.

cc: Ms. Lynn Long, PMEL/CARD Div.



4: 0 0 1 00 l		
Sid Stillwaugh	NODC Liaison Officer, Seattle	DATE FORWARDED
RECEIVED BY (Signature)	TITLE	DATE RECEIVED

## DATA DOCUMENTATION FORM

A01642

NOAA FORM 24-13

U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL OCEANOGRAPHIC DATA CENTER
RECORDS SECTION
WASHINGTON, DC 20235

O.M.B. No. 41-R265 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.

handwritten submissior						
THIS SECTION MUST BE COMP			IDENTIFICAT	(%)	RECEIVE	
Coastal ar 7600 Sand Seattle, V	lfic Marine Env nd Arctic Resea Point Way NE NA 98115	rironmen	tal Laborat ision	ory ky	817	1993
Outer Continental States	nelf Environmen (OCSEAP)	ital	BP2 BZ3 BZ2 BP3 BS2 BP2A BP1			PTO IDENTIFY
4. PLATFORM NAME(S)	5. PLATFORM TYPE (E.G., SHIP, BUO		6. PLATFORM A NATIONALIT PLATFORM	AND OPERATOR Y(IES) OPERATOR		TES
buoy	buoy		US	US	9/89	10/90
8. ARE DATA PROPRIETARY  X NO YES  IF YES, WHEN CAN TH FOR GENERAL USE?	EY BE RELEASED		SE DARKEN ALI AINED IN YOUR		ERE COLLECTI	
9. ARE DATA DECLARED NAPROGRAM (DNP)?  (I.E., SHOULD THEY BE IN DATA CENTERS HOLDINGS TIONAL EXCHANGE?)  NO X YES PARTON NO WHOM INQUIRE	CLUDED IN WORLD FOR INTERNA- (SPECIFY BELOW)	278 242 60° 206 170 134 20° 908 20° 90	140° 160° 180° 160° 140° 140° 268 268 237 232 232 232 232 232 233 233 233 233	233 227 227 227 227 227 228 190 190 190 190 190 190 190 190 190 190	109 144 073 108 037 072	40° 50° 80° 100°  254 279  243 243  212 207  176 2 6 171  40°  100°  20°  20°  20°  20°  20°  20°
DATA SHOULD BE ADDRES PHONE NUMBER (AND ADD THAN IN ITEM-1)  Ms. Lynn Long (206) 526-6185	SED WITH TELE-	20° 361 397 40° 40° 505 541 577	320 315 356 351 302 387 428 423 U 464 459 500 495 536 531 572 567	011 506 310 305 346 341 382 377 418 613 454 449 485 526 552 557	336371 372407 488443 444479 	100   100

120° 140° 160° 180° 160° 140° 120° 100° 80° 60° 40° 20° 0°

#### B. SCIENTIFIC CONTENT

Include enough information concerning manner of observation, instrumentation, analysis, and data reduction routines to make them understandable to future users. Furnish the minimum documentation considered relevant to each data type. Documentation will be retained as a permanent part of the data and will be available to future users. Equivalent information already available may be substituted for this section of the form (i.e., publications, reports, and manuscripts describing observational and analytical methods). If you do not provide equivalent information by attachment, please complete the scientific content section in a manner similar to the one shown in the following example.

#### **EXAMPLE (HYPOTHETICAL INFORMATION)**

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
Salinity	700	Nansen bottles	Inductive salinometer (Hytech model S 510)	N/A (Not applicable)
		STD Bissett-Berman Model 9006	N/A	Values averaged over 5-meter intervals
Water color	Forel scale	Visual comparison with Forel bottles	N/A	N/A
Sediment size	\$ units and percent by weight	Ewing corer	Standard sieves. Carbonate fraction removed by acid treatment	Same as "Sedimentary Rock Manual," Folk 165

(SPACE IS PROVIDED ON THE FOLLOWING TWO PAGES FOR THIS INFORMATION)

### C. DATA FORMAT

This information is requested only for data transmitted on punched cards or magnetic tape. Have one of your data processing specialists furnish answers either on the form or by attaching equivalent readily available documentation. Identify the nature and meaning of all entries and explain any codes used.

- 1. List the record types contained in your file transmittal (e.g., tape label record, master, detail, standard depth, etc.).
  - 2. Describe briefly how your file is organized.
  - 3-13. Self-explanatory.
  - 14. Enter the field name as appropriate (e.g., header information, temperature, depth, salinity.
  - 15. Enter starting position of the field.
- 16. Enter field length in number columns and unit of measurement (e.g., bit, byte, character, word) in unit column.
- 17. Enter attributes as expressed in the programming language specified in item 3 (e.g., "F 4.1," "BINARY FIXED (5.1)").
- 18. Describe field. If sort field, enter "SORT 1" for first, "SORT 2" for second, etc. If field is repeated, state number of times it is repeated.

## C. DATA FORMAT

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

1. LIST RECORD TYPES CONTAINED IN THE TRANSMITTA GIVE METHOD OF IDENTIFYING EACH RECORD TYPE	L OF YOUR FILE
(see attached sheets)	
2. GIVE BRIEF DESCRIPTION OF FILE ORGANIZATION	
(see attached sheets)	
3. ATTRIBUTES AS EXPRESSED IN PL-1  X FORTRAN  4. RESPONSIBLE COMPUTER SPECIALIST:  NAME AND PHONE NUMBER MS. Lynn Lor ADDRESS NOAA/PMEL/CARD Div., 7600	ALGOL COBOL LANGUAGE  ng, (206)526-6185 Sand Point Way NE, Seattle, WA 98115
COMPLETE THIS SECTION IF DATA ARE ON MAGNET	
5. RECORDING MODE BCD BINARY  X ASCII BECDIC	9. LENGTH OF INTER- RECORD GAP (IF KNOWN) 3/4 INCH
	10. END OF FILE MARK
6. NUMBER OF TRACKS SEVEN	]
X NINE	11. PASTE-ON-PAPER LABEL DESCRIPTION (INCLUDE ORIGINATOR NAME AND SOME LAY SPECIFICATIONS
	OF DATA TYPE, VOLUME NUMBER)
7. PARITY X ODD	OCSEAP CURRENT METER DATA SETS IN FT 015. 9/89 to 10/90, 21 meters,
EVEN	1 file. 9 track, ASCII, odd parity,
8. DENSITY 200 BPI 1600 BPI	rec. = 140, blocksize = 4200, 119969 records
	12. PHYSICAL BLOCK LENGTH IN BYTES
556 BPI	4200
□ 800 BPI	13. LENGTH OF BYTES IN BITS
NOAA FORM 24-13	

## B. SCI FIC CONTENT

		B. SC. FIC CO	ONTENT	
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 PROESSING ' TECHNIQUES WITH FILTERING AND AVERAGING
:				

## B. SCIENTIFIC CONTENT

		D. 00/21/11/10 C.		
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
	: 			
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NO PM 24-13	<del></del>	······································	<del></del>	`72

4. FIELD NAME	15. POSITION FROM - 1 MEASURED	1	GТH	17. ATTRIBUTES	18. USE AND MEANING
	l in	NUMBER	UNITS		
	(o.g., o.o., sylves)				
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ECORD NAME					
4. FIELD NAME	15. POSITION FROM - 1 MEASURED		ЭТН	17. ATTRIBUTES	18. USE AND MEANING
	(e.g., bits, bytes)	NUMBER	UNITS		
	(O.g., Dite, Dytes)				
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RECORD NAME \_\_\_\_ 15. POSITION 16. LENGTH 17. ATTRIBUTES 18. USE AND MEANING FROM-1 14. FIELD NAME MEASURED IN\_ NUMBER UNITS (e.g., bits, bytes) (see attached sheets)

NOAA FORM 24-13

RECORD NAME \_\_\_\_\_ 15. POSITION 16. LENGTH FROM-1 MEASURED 14. FIELD NAME 17. ATTRIBUTES 18. USE AND MEANING IN\_ NUMBER UNITS (e.g., bits, bytes)

#### D. INSTRUMENT CALIBRATION

This calibration information will be utilized by NOAA's National Oceanographic Instrumentation Center in their efforts to develop calibration standards for voluntary acceptance by the oceanographic community. Identify the instruments used by your organization to obtain the scientific content of the DDF (i.e., STD, temperature and pressure sensors, salinometers, oxygen meters, velocimeters, etc.) and furnish the calibration data requested by completing and/or checking ("\(\sigma\)") 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 WAS	CALIBRATED BY	CHECK ONE: INSTRUMENT IS CALIBRATED					INSTRU- MENT IS
INSTRUMENT TYPE (MFR., MODEL NO.)	DATE OF LAST CALIBRATION	YOUR ORGANIZATION	OTHER ORGANIZATION (GIVE NAME)	AT FIXED	BEFORE OR AFTER USE	BEFORE AND AFTER USE	ONLY AFTER REPAIR	ONLY WHEN NEW	NOT CALI- BRATED
		(√)		(√)	(√)	(√)	(√)	(√)	(√)
						:			<del></del>
NOAA FORM 24-13	L	<u> </u>	<u> </u>					L	<del></del>

## OCSEAP Current Meters

MOORING	LATITUDE	LONGITUDE	DEP.DATES	METER#	DEPTH
BP2	56 13.84N	169 41.95W	SEP.89-OCT.90	3176 5214	62M 137M
BZ2	58 38.73N	175 06.84W	APR.90-OCT.90	5261 1462 598	46M 121M 256M
BS2	56 41.11N	173 15.12W	APR.90-OCT.90	2171 2265 2111	49M 124M 259M
BP1	56 15.9N	169 47.9W	APR.90-OCT.90	1463 5431	125M 50M
BZ3	58 33.10N	175 02.73W	SEP.89-OCT.90	711 1464 3336	258M 123M 498M
BP3	56 08.0N	169 16.2W	SEP.89-OCT.90	6006	127M
BP2A	56 09.88N	168 52.95W	APR.90-OCT.90	2501 2157 1682	49M 124M 259M
BA1	52 24.67N	17128.92W	SEP.89-OCT.90	6571	58M
BS3	56 40.0N	173 13.0W	SEP.89-OCT.90	2477 3132 2358	255M 120M 45M

DATE
March 1992

## NODC Users Guide

SECTION 4.1.8 PAGE

## File Structure -

Four 60-character records: (1) Text Record, (2) Master Record, (3) Detail Record 1, and (4) Detail Record 2.

## File Format -

## **Current Meter Data (Components) (F015)**

PARAMETER	DESCRIPTION	SC	EL
TEXT RECORD			
NODC FILE NUMBER NODC TRACK NUMBER	ALWAYS '015' 6-CHARACTER UNIQUE CRUISE OR DATA SET IDENTIFIER ASSIGNED BY NODC	1 4	3 6
RECORD NUMBER METER NUMBER	ALWAYS '1' FIVE-CHARACTER FIELD ASSIGNED BY THE ORIGINATOR - ALSO INCLUDED ON RECORD TYPES '2' AND '3'	10 11	1 5
TEXT	38-CHARACTER FIELD FOR COMMENTS OR PERTINENT INFORMATION	16	38
BLANK SEQUENCE NUMBER	XXXXXX - USED FOR SORTING TEXT INFORMATION	54 55	1 6
MASTER RECORD			
NODC FILE NUMBER NODC TRACK NUMBER	ALWAYS '015' 6-CHARACTER UNIQUE CRUISE OR DATA SET IDENTIFIER ASSIGNED BY NODC	1	3 6
RECORD NUMBER	ALWAYS '2'	10	1
METER NUMBER	SEE RECORD '1'	11	5
LATITUDE LATITUDE HEMISPHERE	DDMMXX (DEGREES, MINUTES TO HUNDREDTHS) ONE-CHARACTER CODE - 'N' OR 'S'	16 22	6 1
LONGITUDE	DDDMMXX (DEGREES, MINUTES TO HUNDREDTHS)	23	ż
LONGITUDE HEMISPHERE	ONE-CHARACTER CODE - 'E' OR 'W'	30	1
DEPTH OF BOTTOM	XXXXX (WHOLE METERS)	31	5
DEPTH OF CURRENT METER METER USAGE SEQUENCE NUMBER	XXXXX (METERS TO TENTHS) XXX - USED FOR INDICATING NUMBER OF TIMES METER HAS BEEN USED	36 41	5 3
INSTITUTION AXIS ROTATION	TWO-CHARACTER INSTITUTION CODE - USE NODC CODE 0218  XXX - DEGREES CLOCKWISE FROM TRUE NORTH OF V AXIS - VALUES SHOULD BE 0 WHEN FINAL PROCESSED TO PROVIDE TRUE DIRECTION INFORMATION	44 46	2 3
LOCATION NAME	SIX-CHARACTER NAME DETERMINED BY ORIGINATOR	49	6
NUMBER OF DETAIL RECORDS	XXXXXX - USED TO INDICATE NUMBER OF DETAIL RECORDS (3) TO FOLLOW THE MASTER RECORD (2)	55	6
DETAIL RECORD 1			
NODC FILE NUMBER	ALWAYS '015'	1	3
NODC TRACK NUMBER	6-CHARACTER UNIQUE CRUISE OR DATA SET IDENTIFIER ASSIGNED BY NODC	4	6
RECORD NUMBER	ALWAYS '3'	10	1
METER NUMBER	SEE RECORD '1' YYMMDD	11	5 6
DATE (GMT) TIME (GMT)	XXXXXX (HOURS, MINUTES TO HUNDREDTHS)	16 22	6
EAST-WEST CURRENT COMPONENT (U)	XXXXXX (CM/SEC TO HUNDREDTHS) - WITH POSITIVE DIRECTIONS (EAST AND NORTH) INDICATED WITHOUT PLUS SIGN - NEGATIVE DIRECTIONS (WEST AND SOUTH) PRECEDED BY MINUS SIGN - DIRECTION TOWARD	28	6
NORTH-SOUTH CURRENT COMPONENT (V)	XXXXXX (CM/SEC TO HUNDREDTHS) - WITH POSITIVE DIRECTIONS (EAST AND NORTH) INDICATED WITHOUT PLUS SIGN - NEGATIVE DIRECTIONS (WEST AND SOUTH) PRECEDED BY MINUS SIGN - DIRECTION TOWARD	34	6
TEMPERATURE	XXXXX - WITH NEGATIVE TEMPERATURES PRECEDED BY MINUS SIGN (DEG C TO THOUSANDTHS)	40	5
PRESSURE	XXXXX (DECIBARS TO TENTHS)	45	5
CONDUCTIVITY	XXXX (MILLIMHOS/CM TO HUNDREDTHS)	50	4
BLANK	YVVVVV - HOCD COD CODTING DATA DECODED	54	1
SEQUENCE NUMBER	XXXXXX - USED FOR SORTING DATA RECORDS	55	6

	DATE May 1991	NODC Users Guide	SECTION 4.1.8		
	SEQUENCE NUMBER	XXXXXX - USED FOR SORTING DATA RECORDS	55	6	
DE.	TAIL RECORD 2				
	NODC FILE NUMBER	ALWAYS '015'	1	3	
	NODC TRACK NUMBER	6-CHARACTER UNIQUE CRUISE OR DATA SET IDENTIFIER ASSIGNED BY NODC	4	6	
	RECORD NUMBER	ALWAYS '4'	10	1	
	METER NUMBER	SEE RECORD '1'	11	5	
	DATE (GMT)	YYMMDD	16	6	
	TIME (GMT)	XXXXXX (HOURS, MINUTES TO HUNDREDTHS)	22	6	
	EAST-WEST CURRENT COMPONENT (U)	XXXXXX (CM/SEC TO HUNDREDTHS) - WITH POSITIVE DIRECTIONS (EAST AND NORTH) INDICATED WITHOUT PLUS SIGN - NEGATIVE DIRECTIONS (WEST AND SOUTH) PRECEDED BY MINUS SIGN - DIRECTION TOWARD	28	6	
	NORTH-SOUTH CURRENT COMPONENT (V)	XXXXXX (CWSEC TO HUNDREDTHS) - WITH POSITIVE DIRECTIONS (EAST AND NORTH) INDICATED WITHOUT PLUS SIGN - NEGATIVE DIRECTIONS (WEST AND SOUTH) PRECEDED BY MINUS SIGN - DIRECTION TOWARD	34	6	
	TEMPERATURE	XXXXX - WITH NEGATIVE TEMPERATURES PRECEDED BY MINUS SIGN (DEG C TO THOUSANDTHS)	S 40	5	
	PRESSURE	XXXXX (DECIBARS TO TENTHS)	45	5	
	SALINITY	XXXXX (PARTS PER THOUSAND TO THOUSANDTHS)	50	5	
	SEQUENCE NUMBER	XXXXXX - USED FOR SORTING DATA RECORDS	55	6	

**PAGE** 

5

## NODC Code Tables Used with this Format -

CODE NUMBER CODE NAME

0218 DATA SOURCE

Password	:							
accNo	fleA	refNo	proj	inst	ship	startDate	cruise	catId
9300020	F015	TW4808	0081	313F	317F	1989/09/15	AN0711	212193
9300020	F015	TW4809	0081	313F	317F	1990/04/21		212194
9300020	F015	TW4810	0081	313F	317F	1989/09/15		212195
9300020	F015	TW4811	0081	313F	317F	1990/04/22	AN2171	212196
9300020	F015	TW4812	0081	313F	317F	1990/04/22	AN2265	212197
9300020	F015	TW4813	0081	313F	317F	1989/09/09		212198
9300020	F015	TW4814		313F	317F	1989/09/14		212199
9300020	F015	TW4815		313F	317F	1990/05/03		212200
9300020	F015	TW4816		313F	317F	1990/04/21		212201
9300020	F015	TW4817		313F	317F	1989/09/14		212202
9300020	F015	TW4818	0081	313F	317F	1990/04/22		212203
9300020	F015	TW4819		313F	317F	1989/09/14		212204
9300020	F015	TW4820	0081	313F	317F	1990/04/24		212205
9300020	F015	TW4821		313F	317F	1989/09/13		212206
9300020	F015	TW4822	0081	313F	317F	1989/09/13		212207
9300020	F015	TW4823	0081	313F	317F	1990/04/22		212208
9300020	F015	TW4824	0081	313F	317F	1990/04/24		212209
9300020	F015	TW4825	0081	313F	317F	1990/04/24		212210
9300020	F015	TW4826	0081	313F	317F	1990/04/24		212211
9300020	F015	TW4827	0081	313F	317F	1989/09/13		212212
9300020	F015	TW4828	0081	313F	317F	1989/09/15	AN3336	212213

(21 rows affected)

Password:	<b>:</b>						
accNo	fleA	refNo	ship	staCnt	recCnt	startDate	endDate
9300020	F015	TW4808	317F	14	9143	89/09/15	90/10/01
9300020	F015	TW4809	317F	6	3239	90/04/21	90/09/02
9300020	F015	TW4810	317F	9	5510	89/09/15	90/05/03
9300020	F015	TW4811	317F	7	3937	90/04/22	90/10/03
9300020	F015	TW4812	317F	7	3937	90/04/22	90/10/03
9300020	F015	TW4813	317F	4	2071	89/09/09	89/12/05
9300020	F015	TW4814	317F	11	7074	89/09/14	90/07/06
9300020	F015	TW4815	317F	5	2901	90/05/03	90/09/01
9300020	F015	TW4816	317F	7	4033	90/04/21	90/10/06
9300020	F015	TW4817	317F	13	8619	89/09/14	90/09/08
9300020	F015	TW4818	317F	7	4011	90/04/22	90/10/06
9300020	F015	TW4819	317F	14	9240	89/09/14	90/10/04
9300020	F015	TW4820	317F	6	3238	90/04/24	90/09/05
9300020	F015	TW4821	317F	12	7754	89/09/13	90/08/02
9300020	F015	TW4822	317F	14	9355	89/09/13	90/10/07
9300020	F015	TW4823	317F	7	3937	90/04/22	90/10/03
9300020	F015	TW4824	317F	6	3837	90/04/24	90/09/30
9300020	F015	TW4825	317F	6	3839	90/04/24	90/09/30
9300020	F015	TW4826	317F	6	3839	90/04/24	90/09/30
9300020	F015	TW4827	317F	8	5391	89/09/13	90/04/26
9300020	F015	TW4828	317F	14	9145	89/09/15	90/10/01

(21 rows affected)

NOAA FORM 24-5 (8-73)	U.S. DEPARTMI NATIONAL OCEANIC AND ATMOSPHERI	ENT OF COMMERCE					
TRANSMITTAL AND RECEIPT RECORD (Please sign and return carbon copy acknowledging receips)							
TO: NOAA/NESDIS/NODC 1825 Connecticut Ave NW Washington DC 20235	ATTENTION BY ANTHONY B. Princip	2					
Washington DC 20235 THE ITEM(S) LISTED BELOW WERE FORWARDED TO YOU	E/OC13, Dr. Anthony R. Picci	010					
GRDINARY REGISTERED AIR	CERTIFIED GOVERNMENT BY HAND	OTHER					
Enclosed, find documentation and one (21 meters) of OCSEAP project curren submitted by Ms. Lynn Long, NOAA/PME	t meter data in NODC FT 015. These	ge file data were					
Tape Specs 9 track, ASCII, odd pa with a total of 119,96	arity, 6250 bpi, block size = 4200	. :					
cc: Ms. Lynn Long, PMEL/CARD Div.							
FORWARDED BY (Signature)	TITLE Control	DATE FORWARDED					
Sid Stillwaugh RECEIVED BY (Signature)	NODC Liaison Officer, Seattle						
MECEIVED BY ISINGINAL	11166	DATE RECEIVED					

## DATA DOCUMENTATION FORM

NOAA FORM 24-13

U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL OCEANOGRAPHIC DATA CENTER
RECORDS SECTION
WASHINGTON, DC 20235

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

NOAA, Pacific Marine Environmental Laboratory Coastal and Arctic Research Division 7600 Sand Point Way NE Seattle, WA 98115  2. EXPEDITION, PROJECT, OR PROGRAM DURING WHICH OATA WERE COLLECTED  Outer Continental Shelf Environmental Assessment Program (OCSEAP)  B2 B2  B22  BP3  B22  BP3  B23  B24  BP1  4. PLATFORM NAME(S)  (E.G., SHIP, BUOY, ETC.)  buoy  DUOY  DUOY  DUOY  DEFRATOR FROM: **OPERATOR 7. DATES  ATIONALITY(IES)  PLATFORM OPERATOR FROM: **OPERATOR 7. DATES  IF YES, WHEN CAN THEY BE RELEASED FOR GENERAL USE! YEAR MONTH  S. ARE DATA DECLARED NATIONAL PROGRAM (IND!)?  (I.E., SHOULD THEY BE INCLUDED IN WORLD DATA CENTERS HOLDINGS FOR INTERNATIONAL EXCHANGE!)  NO \$\times PART OF THEY BE INCLUDED IN WORLD DATA CENTERS HOLDINGS FOR INTERNATIONAL EXCHANGE!)  O. PERSON TO WHOM INQUIRIES CONCERNING OATA SHOULD BE ADDRESSED ONCERNING OATA	1. NAME AND ADDRESS OF IN	1. NAME AND ADDRESS OF INSTITUTION, LABORATORY, OR ACTIVITY WITH WHICH SUBMITTED DATA ARE ASSOCIATED					
Coastal and Arctic Research Division 7600 Sand Point Way NE Seattle, WA 98115  2. EXPEDITION, PROJECT, OR PROGRAM DURING WHICH DATA WERE COLLECTED  BY 28 Z3  Outer Continental Shelf Environmental Assessment Program (OCSEAP)  BP1  4. PLATFORM NAME(S) buoy  S. PLATFORM TYPE(S) (E.G., SHIP, BUOY, ETC.) buoy  B. ARE DATA PROPRIETARY?  IF YES, WHEN CAN THEY BE RELEASED FOR GENERAL USE? YEAR MONTH PROGRAM (DMP)? (I.E., SHOULD THEY BE INCLUDED IN WORLD DATA CENTERS HOLDINGS FOR INTERNATIONAL EXCHANGE?)  NO XYES  PART (SPECIFY BELOW)  MS. Lynn Long (206) 526-6185	NOAA, Paci	ific Marine Env	ironmen	tal Laborat	orv		
7600 Sand Point Way NE Seattle, WA 98115  2. EXPEDITION, PROJECT, OR PROGRAM DURING WHICH DATA WERE COLLECTED  Outer Continental Shelf Environmental Assessment Program (OCSEAP)  B22 BP3 B22 BP2A BP1  4. PLATFORM NAME(S)  buoy  S. PLATFORM TYPE(S) (E.G., SHIP, BUOY, ETC.)  buoy  B. ARE DATA PROPRIETARY?  WIS US 9/89  10/90  B. ARE DATA PROPRIETARY?  S. PLATFORM AND OPERATOR 7. DATES MATIONAL LYUES)  PLATFORM OPERATOR FROM MOPOAYYR TO: MOPOAYYYR  ONTAINED IN YOUR SUBMISSION WERE COLLECTED.  11. PLEASE DARKEN ALL MARSDEN SQUARES IN WHICH ANY DATA CONTAINED IN YOUR SUBMISSION WERE COLLECTED.  9. ARE DATA DECLARED NATIONAL PROGRAM (ONP):  (I.E., SHOULD THEY BE INCLUDED IN WORLD DATA CENTERS HOLDINGS FOR INTERNATIONAL EXCHANGES!)  (I.E., SHOULD THEY BE INCLUDED IN WORLD DATA CENTERS HOLDINGS FOR INTERNATIONAL EXCHANGES!)  NO YES PART (SPECIFY BELOW)  10. PERSON TO WHOM INQUIRIES CONCERNING DATA SHOULD BE ADDRESSED WITH TELE-PHONE NUMBER (AND ADDRESS IF OTHER THAN IN ITEM-1)  MS. Lynn Long (206) 526-6185	,				,		Ì
Seattle, WA 98115  2. EXPEDITION, PROJECT, OR PROGRAM DURING WHICH DATA WERE COLLECTED  Outer Continental Shelf Environmental  Assessment Program (OCSEAP)  4. PLATFORM NAME(S)  buoy  5. PLATFORM TYPE(S) (E.G., SHIP, BUOY, ETC.)  buoy  5. PLATFORM TYPE(S) (E.G., SHIP, BUOY, ETC.)  buoy  6. PLATFORM AND OPERATOR 7.  NATIONALITY(IES)  PLATFORM OPERATOR FROM: MOPONY/YR TO: MOPONY/Y							
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## C. DATA FORMAT

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

	NTAINED IN THE TRANSMITTAL	OF YOUR FILE					
(see attad	ched sheets)						
2. GIVE BRIEF DESCRIPTIO	N OF FILE ORGANIZATION						
(see attached sheets)							
4. RESPONSIBLE COMPUTE	ATTRIBUTES AS EXPRESSED IN PL-1 ALGOL COBOL LANGUAGE  RESPONSIBLE COMPUTER SPECIALIST:  NAME AND PHONE NUMBER Ms. Lynn Long, (206)526-6185  ADDRESS NOAA/PMEL/CARD Div., 7600 Sand Point Way NE, Seattle, WA 98115						
COMPLETE THIS SEC	TION IF DATA ARE ON MAGNET	TIC TAPE					
5. RECORDING MODE	BCD BINARY  ASCII EBCDIC	9. LENGTH OF INTER- RECORD GAP (IF KNOWN) 3/4 INCH  10. END OF FILE MARK  X OCTAL 17					
7. PARITY	SEVEN NINE ODD EVEN	11. PASTE-ON-PAPER LABEL DESCRIPTION (INCLUDE ORIGINATOR NAME AND SOME LAY SPECIFICATIONS OF DATA TYPE, VOLUME NUMBER)  OCSEAP CURRENT METER DATA SETS IN FT 015. 9/89 to 10/90, 21 meters, 1 file. 9 track, ASCII, odd parity, rec. = 140, blocksize = 4200, 119969					
B. DENSITY	200 BPI	records					
	] 556 BPI ] 800 BPI ] 6250	12. PHYSICAL BLOCK LENGTH IN BYTES  4200  13. LENGTH OF BYTES IN BITS					
NOAA FORM 24-13	<del> </del>	L					

## OCSEAP Current Meters

MOORING	LATITUDE	LONGITUDE	DEP.DATES	METER#	DEPTH
BP2	56 13.84N	169 41.95W	SEP.89-OCT.90	3176 5214	62M 137M
BZ2	58 38.73N	175 06.84W	APR.90-OCT.90	5261 1462 598	46M 121M 256M
BS2	56 41.11N	173 15.12W	APR.90-OCT.90	2171 2265 2111	49M 124M 259M
BP1	56 15.9N	169 47.9W	APR.90-OCT.90	1463 5431	125M 50M
BZ3	58 33.10N	175 02.73W	SEP.89-OCT.90	711 1464 3336	258M 123M 498M
BP3	56 08.0N	169 16.2W	SEP.89-OCT.90	6006	127M
BP2A	56 09.88N	168 52.95W	APR.90-OCT.90	2501 2157 1682	49M 124M 259M
BA1	52 24.67N	17128.92W	SEP.89-OCT.90	6571	58M
BS3	56 40.0N	173 13.0W	SEP.89-OCT.90	2477 3132 2358	255M 120M 45M