DATA DOCUMENTATION FORM

U.S. DEPARTMENT OF COMMERCE
NAL OCEANIC AND ATMOSPMERIC ADMINISTR
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.

DOF A:4:02

A. ORIGINATOR IDENTIFICATION

TR 5434

	Avenue N.E. Ishington 98105		÷	80-	4	·
EXPEDITION, PROJECT, OF DATA WERE COLLECTED OCSEAP KODIAK I	1	G WHICH 38	DATA IN TH	MBERIS) USED E HIS SHIPMENT	BY ORIGINATO	OR TO IDENTIF
ATFORM NAME(S)	5. PLATFORM TYP (E.G., SHIP, BUG		6. PLATFORM A	AND OPERATOR	7. D	ATES
76A mau#: 2249	Buoy		PLATFORM U.S.	OPERATOR U.S	FROM: MO,DAY,Y	
ARE DATA PROPRIETARY NO YES IF YES, WHEN CAN THE FOR GENERAL USE?	EY BE RELEASED	CONTA		L MARSDEN SOI SUBMISSION WI	ERE COLLECT	
ARE DATA DECLARED NAT PROGRAM (DNP)? (I.E., SHOULD THEY BE INCOME. SHOULD THEY BE INCOME. SHOULDINGS TIONAL EXCHANGE?) YNO YES PART	CLUDED IN WORLD	1	180° 180° 180° 180° 180° 180° 180° 180°			21 100 1
RERSON TO WHOM INQUIRED ON A SHOULD BE ADDRESS PHONE NUMBER (AND ADDRESS PHONE NUMBER (AND ADDRESS PARTIES AND ADDRESS PARTIES	SED WITH TELE-			100 100		Table Tabl

B. SCI		CONTENT
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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
SPEED U-Direction	CM/SEC	Aanderaa Current Meter	N/A	N/A
V-Direction	CM/SEC	RCM-4	n .	u
TEMPERATURE	°C	n n	n n	u
CONDUCTIVITY	⁰ /00		11	11
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OAA FORM 24-13

RECORD HAME TEXT RECORD (OPTIONAL) 'Date: 10/15/75

14. FIELD NAME	15. POSITION FROM_1_ MEASURED	j	GTH	17. ATTRIBUTES	19. USE AND MEANING
•	IN Bytes	NUMBER	צדואט		
File Type File Identifica-	1 7	. 3	Bytes	A3	Always '015'
tion	4	6	н		K6A
Record Type	10	1	u	-17	Always 'l'
Meter Number	11.	5	ES	_	Analogous to NODC Station Numb
Text	16	38	31	38A7	Additional pertinent informati
Blank	54]	tt .	1X.	
Sequence Number	55	6	11	16	Ascending numeric, used for sorting
MET	ER MASTER	RECORD	(REQU	RED)	
File Type File Identifica-	7	3	Bytes	A3	Always '015'
tion	4 .	6	a) [1
Record Type	10:	7	n	IJ	Always '2'
Meter Number	וו	5	13		Analogous to NODC Station Numb
Latitude,	16	2	,,	TO:	
Degrees Minutes	16 18	2 2		I2 I2	
Hundredths of		2	ļ	12	
minutes	20	: 2	u (12	
Hemisphere	22	7	. 11	ΓĀ	'n' or 'S' E
Longitude,		-		 -	
Degrees	23	3	"	13	Į į
Minutes ,	26	2	" {	I2 ·	•
Hundredths of minutes	28	2	,,	12	
Hemisphere	30	7	,, }	A)	'É' or 'W'
Depth to bottom	31	5	u l	Î5	Whole meters
Depth of current		-	1	<u> </u>	
meter	. 36	5		15	To tenths of a meter
Meter Usage	•	j		<u>.</u>	Number of times meter has been
Sequence Number	. 41	3 2	**	13	used.
Institution Code	- 44		11	A2	NODC Institution Code
Axis Rotation	46.	3	ا، ت	13	In whole degrees clockwise from
Location Name	49	6	·n ·	A6	true north of V axis OCSEP internal location code
Number of detail	ا . و٦	. 0	1	, AU	Ocali incernal location code E
records	55	6	n	16	Number of type '3' records
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P	4. FIELD NAME	15, POSITION	16. LEN	o i ri	IN ATTRIBUTED .	
-		MEASURED IN BY TES	ļ			·
. [INDYLES	NUMBER	UNITS	. •	
		(s.f. bits, bytes)				
Ţ,	ile Type	. 7	3	Bytes	АЗ	Always '015'
	ile Identifica-	•	٦	03 000	1.0	,
Ι.	tion	4	6	31		K6A
1,	Record Type	10	1.	31	II	Always '3'
	leter Number	11		n	**	Analogous to NODC Station N
	ear		5 2 2	11	7.0	
		16	2	ft	I2	Last two digits of years)
	ionth	18		93	12]1-12
	lay	20	2	"	12	1-31
ľ	ime,					
	Hour	. 22	2	11	12	0-23) G
	Minute	· 24	2	#	12	0-59)
l	Hundredth of)
	minute	26	2	31	12	0-99
[2	ast-West (u)	28	6	Ð	16	To hundredths. Positive (E
	Current Componer	it			•	and North) understood.
N	orth-South (v)	34	6	ıı	I6 ·	Negative (West and South) w
	Current Componer	nt	-		•	negative sign.
T	emperature	40	5	11	15	To thousandths. Minus sign
	,			_	<u> </u>	negative
þ	ressure	45	5	ji	15	To tenths
	onductivity	50	5 5 1	#	14	To hundredths
	lank	54	ĭ	15	ix	10 1101101 00 0115
	equence Number	55	5.	. ,,	ĬŜ	Ascending numeric, used for
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		D. 1	INSTRUMENT CAL	.IBRATION	•				
standards for vol- tific content of the bration data requ	luntary acceptance by the DDF (i.e., STD, the steel by completing	utilized by NOAA's Noy the occanographic temperature and press and/or checking (" libration cycle is che	community. Identification in the sensors, saling ''') the appropriate	ly the instrume	ents used by y en meters, vel	our organizatio ocimeters, etc.	n to obtain .) and furnis	the scien	n <i>-</i>
		INSTRUMENT WAS	CALIBRATED BY			ECK ONE: IT IS CALIBRAT	rED		INSTRU- MENT 15
INSTRUMENT TYPE (MFR., MODEL NO.)	DATE OF LAST CALIBRATION	YOUR ORGANIZATION (√.)	OTHER ORGANIZATION (GIVE NAME)	AT FIXED INTERVALS	BEFORE OR AFTER USE	BEFORE AND AFTER USE (V.)	ONLY AFTER REPAIR	OHLY	NOT CALI- BRATED
Aanderaa Current Meter RCM-4		X.			Ψ,	X			
same meter		`	NOIC	l yr.					
moter 2249	7/17								
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10 AA F				<u> </u>	<u></u>	<u></u>	<u> </u>	Usc	DC 44289-

DATA DOCUMENTATION FORM

80-0038

A 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

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A. ORIGINATOR IDENTIFICATION

TR 5435-36

THIS SECTION MUST BE COMPLETED BY DONOR FOR ALL DATA TRANSMITTALS

NOAA / PMEL 3711 15 th Avenu Seattle, Washing	e N.E.	RY, OR ACTIVITY WI	TH WHICH SUBM	STED DATA AS	RE ASSOCIATED
2. EXPEDITION, PROJECT, OR PRODATA WERE COLLECTED OCSEAP KODIAK ISLAND	Ru 138	DATA IN T	MBER(S) USED I HIS SHIPMENT = K7A	BY ORIGINATOR	TO IDENTIFY
	TFORM TYPE(S)		AND OPERATOR	7. DA	TES
RIA,	5., SHIP, BUOY, ET	PLATFORM	OPERATOR	FROM: MODAY/YR	TO MC DAY YR
Meter # 5: 1984, 2245	uoy 	U.S.		10/19/77	
IF YES, WHEN CAN THEY BE FOR GENERAL USE? YEAR ARE DATA DECLARED NATIONAL PROGRAM (DNP)? (I.E., SHOULD THEY BE INCLUDE DATA CENTERS HOLDINGS FOR II TIONAL EXCHANGE?) X NO YES PART (SPECIAL OF THE SHOULD BE ADDRESSED WITH PHONE NUMBER (AND ADDRESS IF THAN IN ITEM-1) Dayid Pashinski (206) 442 7450 FTS 399 7450	DIN WORLD	188" 188"	GENERAL AR DET TO THE TOTAL AR DET TO THE TOTAL AR DET TO THE TOTAL AR DET TOTAL A	DESCRIPTION OF THE PROPERTY OF	12 120 1
AA FORM 24-13	577 196*	D6. NG. 185, 185, 185, NG	. 136. 186. 86. 86. 25. 22.		St. 11 1977

B. SCIENT ME 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
SPEED ** U-Direction	CM/SEC	Aanderaa Current Meter RCM-4	N/A	N/A
V-Direction	CM/SEC	(I)		u · ·
TEMPERATURE	°C	u	ıı	u
CONDUCTIVITY	⁰ /00	er e	ıı	u · .
⊁ PRESSURE	DECIBARS	n	u	n
* meter 1989	4 - some no	se in pressure		
		ero speeds and s is otherwise good	sikes removed-	
NOAA FOIM 24-13 (3-72)		<u> </u>		USCOMM-UC 44289-P

OAA FORM 24-13

6 bits

RECORD NAME TEXT	RECORD (O	PTIONA	L)		/Date: 10/15/75
14. FIELD NAME	15. POSITION	16. LEN		17. ATTRIBUTES	19. USE AND MEANING
	MEASURED IN BYTES (0.4. birs, bytes)	NUMBER	UNITS	1	
File Type File Identifica-	1 '	. 3	Bytes	A3	Always '015' K7A
tion Record Type	10	6	u u	11	Always '1'
Meter Number Text	11	38 38	91 91	38A1	Analogous to NODC Station Numb
Blank Sequence Number	54 55	6	"	1X ⁻	Ascending numeric, used for sorting
MET	ER MASTER	RECORD	(REQU	RED)	
File Type File Identifica-	1	3	Bytes	A3	Always '015'
tion Record Type Meter Number	10 11	6 1 5	21 21 23	ıi	Always '2' Analogous to NODC Station Numb
Latitude, Degrees Minutes	16 18	2 2	11 81	I2 I2	
Hundredths of minutes	20	: 2	13	12	
Hemisphere Longitude,	22	1	. 11	Al	'N' or 'S'
Degrees Minutes Hundredths of	23 26	3 2	11	13 12	
minutes Hemisphere Depth to bottom	28 30 31	2 1 5	11 11	I2 Al I5	'É' or 'W' Whole meters
Depth of current meter	. 36	5	11	15	To tenths of a meter
Meter Usage Sequence Number Institution Code Axis Rotation	- 41 - 44 46.	3 2 3	# -	I3 ⁻ A2 I3 ⁻	Number of times meter has been used. NODC Institution Code In whole degrees clockwise from
Location Name	49	. 6	. 11.	A6	ltrue north of V axis
llumber of detail records	55	6	В	16	OCSEP internal location code Number of type '3' records
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					· · · · · · · · · · · · · · · · · · ·
-OAA FORM 24-13		———			USCOMM-DC 4424

		16 15	C T U	17. ATTRIBL	ITES	18. USE AND MEANING
4. FIELD NAME	15, POSITION	15. LEN	GTH	ii. Ai ikibe	,	in our and meaning
	MEASIRED IN BY LES		· · · · · ·	•		·
·		NUMBER	UNITS	ı		
·	(e.f. bits, bytes)					
ile Type	.]	3	Bytes	A3		Always '015'
ile Identifica-			J			K1A
tion	4	6	11		•	Į
lecord Type	10	1.	#1	17		Always '3'
leter Number	11	5	11			Analogous to NODC Station N
ear	16	. 2	41	I2		Last two digits of years)
lonth	18	2	11	I2	,	1-12
ay	20	2))	12		1-31
ime,	_					•)
Hour	. 22	2	11	12		0-23) G
Minute	- 24	2	H	12	:	0-59)
Hundredth of)
minute	26	2	11	12		0-99
ast-West (u)	28	6	11	· 16		To hundredths. Positive (E
Current Componer		_		- 4	•	and North) understood.
orth-South (v)	. 34	6	11	16	•	Negative (West and South) w
Current Componer		_ .	21	·	•	negative sign.
emperature	40	5	. "	15		To thousandths. Minus sign
	45	,	31			negative
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stan tific brati	ndards for volu c content of the tion data reque	untary acceptance by ne DDF (i.e., STD, t ested by completing	utilized by NOAA's he by the oceanographic temperature and press and/or checking (" partition cycle is checking to the checking the che	community. Identifications are sensors, saling ''') the appropriate	ily the instrumentone	ents used by year	our organizatio ocimeters, etc.	on to obtain .) and furnis	the scientsh the cal	n-
		· · · · · · · · · · · · · · · · · · ·	INSTRUMENT WAS	CALIBRATED BY			IECK ONE: HT IS CALIBRAT	TED		INSTRU- MENT
	INSTRUMENT TYPE DATE OF LAST CALIBRATION		YOUR ORGANIZATION	OTHER ORGANIZATION (GIVE NAME)	AT FIXED INTERVALS	BEFORE OR AFTER USE	BEFORE AND AFTER USE	ONLY AFTER REPAIR	ONLY WHEN HEW	IS NOT CALI- BRATED
Aanderaa Meter RC	Current CM-4		χ χ		(√)	(√)	(√3 X	(√)	(√)	(√)
same me	i	1		NOIC	l yr.					
meter	1984	6/18								
meter meter	2245	10/78			•					
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HOAA F	.13				J	1	<u></u>		Usci	DC 44289-

FORM 24-13

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

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A. ORIGINATOR IDENTIFICATION

tR5437

NOAA / PMEL 3711 15 th Avenue N.E. Seattle, Washington 981	·	R ACTIVITY WIT	TH WHICH SUBM	MITTED DATA A	RE ASSOCIATED
2. EXPEDITION, PROJECT, OR PROGRAM DUE DATA WERE COLLECTED OCSEAP KODIAK ISLAND R	N138	DATA IN TH	MBERIS) USED I	BY ORIGINATOR	R TO IDENTIFY
4. PLATFORM NAME(S) 5. PLATFORM TO (E.G., SHIP, I		6. PLATFORM		7. DA	TES
₩10H	, , , ,	PLATFORM	OPERATOR	FROM: MODAY,YR	TO: MC/DAY/YR
Meter#: 1987 6. ARE DATA PROPRIETARY!		U.S.	U.S. :	10/19/77	3/ 4 /78
IF YES, WHEN CAN THEY BE RELEASED FOR GENERAL USE! YEAR MONTH. 9. ARE DATA DECLARED NATIONAL PROGRAM (DNP)? (I.E., SHOULD THEY BE INCLUDED IN WORLD DATA CENTERS HOLDINGS FOR INTERNATIONAL EXCHANGE?) X NO YES PART (SPECIFY BELOW DATA SHOULD BE ADDRESSED WITH TELEPHONE NUMBER (AND ADDRESS IF OTHER THAN IN ITEM-1) Dayid Pashinski (206):442 7450		198" Use" 168" 168" 227 222	GENERAL AR DEF NOT SERVICE STATE STATE SERVICE SERVIC	LESUED LESUED	12 120 1
FTS 399 7450	500 500	6. 18C, 18C, 18C, 78C, 78C, 18C, 18C, 18C, 18C, 18C, 18C, 18C, 1	120° 100° 11° 90°	310331	501 500 502 1577 51 507 500

	В.	SC	ME	CONTENT
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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
SPEED ** U-Direction	CM/SEC	Aanderaa Current Meter RCM-4	N/A	N/A
V-Direction	CM/SEC	non-4.		u ·
TEMPERATURE	°C	II	н	и
CONDUCTIVITY ≭	⁰ /00		"	u
PRESSURE	DECIBARS	a	11	u
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* conductiv	w speeds			
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NOAA FORM 24-13 (3-72)	<u></u>	<u> </u>		U3COMM+DC 44288+

COMPLE	TE THIS SECTION FOR PUNCHED C	ARDS OR TAPE, MAGNETIC TAPE, OR DISC SUBMISSIONS.				
T RECORD TYPES CONTAINED IN THE TRANSMITTAL OF YOUR FILE '						
Three and de	Three (3) record types, text record (1), meter master record (2), and detail record (3), differentiated by byte 10.					
	•					
1 -						
2. GIVE BRIEF DE	SCRIPTION OF FILE ORGANIZATIO	N .				
						
	`# -					
	•					
		·				
. TTRIBUTES AS	EXPRESSED IN PL-1	ALGOL COBOL LANGUAGE				
	<u>k</u> · · · · · · · · · · · · · · · · · · ·					
	OMPUTER SPECIALIST:	McCampbell (206) 543 2007				
		University of Washington, Seattle, Wa. 98195				
COMPLETE	HIS SECTION IF DATA ARE ON MAG	ENETIC TARE				
5. RECORDING MO		9. LENGTH OF INTER- RECORD GAP (IF KNOWN) X 3/4 INCH				
	ASCII ABCDIC					
		10. END OF FILE MARK				
6. NUMBER OF TR	ACKS	X 3½ inch blank tape				
(CHANNELS	SEVEN X NIME	11. PASTE-ON-PAPER LABEL DESCRIPTION (INCLUDE ORIGINATOR NAME AND SOME LAY SPECIFICATIONS				
		OF DATA TYPE, VOLUME NUMBER) NOAA/PMEL				
7. PARITY		OCSEAP				
	∭ ODD ■ EVEN	KODIAK ISLAND RUI38 10/19/77 - 3/9/78				
. DENSITY		File #3 File id = K 10A				
	200 BPI X 1600 BPI	9 track, EBCDIC, 1600 bpi, ODD parity				
	556 BPI	12. PHYSICAL BLOCK LENGTH IN BYTES 3600 bytes				
	800 BPI	13. LENGTH OF BYTES IN BITS				
_	<u> </u>	6 bits				
DAA FORM 24-13						

RECORD HAME TEXT RECORD (OPTIONAL) 'Date: 10/15/75 118. USE AND MEANING 17. ATTRIBUTES 14. FIELD NAME 15. POSITION TIE. LENGTH FROM-1. MEASURED IN Bytes NUMBER UNITS (e.4. birs, bytes) Always '015' A3 ' 3 Bytes File Type File Identifica-KIDA .6 tion 4 Always 'l' · 11 Record Type 10 1 Analogous to NODC Station Number 5 Meter Number 11 . Additional pertinent informati 21 38A7 16 38 Text 16 JX. Blank 54 1 Ascending numeric, used for 16 Sequence Number 55 sorting METER MASTER RECORD (REQUIRED) Always '015' Bytes **A3** File Type 1 File Identifica-4. 6 tion Always '2' 10 Π Record Type 1 Analogous to NODC Station Numb 5 Meter Number 77 Latitude. 2 12 16 Degrees 12 Minutes 18 Hundredths of 20 2 H minutes 12 22 ΓA 'N' or 'S' Hemisphere 1 Longitude, 21 23 3 Degrees 13 Ħ Minutes 26 2 12 . Hundredths of minutes 28 2 91 12 'É' or 'W' Hemisphere 30 1 Al · Depth to bottom 31 5 15 Whole meters Depth of current 11 5 meter 36 15 To tenths of a meter Meter Usage Number of times meter has been 11 Sequence Number 41 3 13 used. Institution Code 81 44 2 **A2** NODC Institution Code 11 Axis Rotation 13 In whole degrees clockwise from 46. 3 true north of V axis Location Name 49 · 11 · 6 **A6** OCSEP internal location code Number of detail records 55 6 16 Number of type '3' records

14. FIELD NAME	15. POSITION	15. LEN	GTH	17. ATTRIBUTES	18. USE AND MEANING
. •	MEASTRED IN BY LES	NUMBER	UHITS		
File Type	• 1	3	Bytes	A3	Always '015'
File Identifica- tion	4	6	11		KIDA
Record Type	10	1.	p	17	Always '3'
Meter Number	11	5	87 67	70	Analogous to NODC Station I
Year Month	16 18	2 2 2	11	12 12	Last two digits of years)
Day	20	2	2)	12	11-31
Time,					•)
Hour Minute	22 24	2 2	11 11	12 12	0-23) (
Hundredth of	7 24			12	0-39
minute	26	2	31	12	Analogous to NODC Station Last two digits of years) 1-12 1-31 0-23 0-59 0-99 To hundredths. Positive (I
East-West (u)	28	6	13	16	To hundredths. Positive (1 and North) understood.
Current Compone North-South (v)	34	6	33	16 .	Negative (West and South) w
Current Compone	ht				negative sign.
Temperature	40	5	31	15	To thousandths. Minus sign
Pressure	45	5)) 	· 15	negative To tenths
Conductivity	50	5	n	14	To hundredths
Blank	54	1	91- 111	1X	hanna lana
Sequence Number	55	5 _:	•	15	Ascending numeric, used for sorting
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USCOMM-DC

tific content of the bration data requ	luntary acceptance bethe DDF (i.e., STD, duested by completing the fixed interval ca	emperature and pres and/or checking ("	sure sensors, salin	ometers, oxyg	en meters, vel	ocimeters, etc.) and furnis	h the cal	i-
		INSTRUMENT WAS	INSTRUMENT WAS CALIBRATED BY			ECK ONE: T IS CALIBRAT	ED		INSTRU- MENT
INSTRUMENT TYPE (MFR., MODEL NO.)		YOUR ORGANIZATION	OTHER ORGANIZATION (GIVE NAME)	AT FIXED INTERVALS	BEFORE OR AFTER USE	BEFORE AND AFTER USE	ONLY AFTER REPAIR	ONLY WHEN HEW	JS NOT CALI- BRATEC
Aanderaa Current Meter RCM-4		(√) X		(√)	(√)	(√.) X	(√)	(√1	· · · · · ·
same meter			NOIC	l yr.					
neter 1987	11/79						-		
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DATA DOCUMENTATION FORM

80-0038

A 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

1R5438

THIS SECTION MUST BE COMPLETED BY DONOR FOR ALL DATA TRANSMITTALS

1. NAME AND ADDRESS OF IN	STITUTION, LABOR	RATORY, O	R ACTIVITY WIT	H WHICH SUBM	ITTED DATA AF	RE ASSOCIATED
NOAA / PMEL 3711 15 th Seattle, Wa				. :		
2. EXPEDITION, PROJECT, OD DATA WERE COLLECTED OCSEAP KODIAK I	·		DATA IN TH	BERIS) USED E IS SHIPMENT	Y ORIGINATOR	TO IDENTIFY
ATFORM NAME(S)	5. PLATFORM TYP (E.G., SHIP, BUO	E(S) Y. ETC.)	6. PLATFORM A		7. DA	rES
R8B		·, _ · · · · · · · · · · · · · · · · · ·	PLATFORM	OPERATOR	FROM: MODAY,YR	TO: MC/DAY/YR
meter#: 3174	Buoy 		U.S.	U.S	5/20/78	10/3/78
LF YES, WHEN CAN THE FOR GENERAL USE? YES. ARE DATA DECLARED NAT PROGRAM (DNP)? (I.E., SHOULD THEY BE INCOMINATED AND A CENTERS HOLDINGS TIONAL EXCHANGE?) X NO YES PART PART PART DAY A SHOULD BE ADDRESS PHONE HOUNDER (AND ADDRESS PHONE NO HO	S CONCERNING	275 See 1 Se		GENERAL AR DOLLAR DO	## ## ## ## ## ## ## ## ## ## ## ## ##	202 20 20 20 20 20 20 20 20 20 20 20 20
AA FORM 24-13			········			

B. SCI CONTI	ENT
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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
SPEED U-Direction	CM/SEC	Aanderaa Current Meter RCM-4	N/A	N/A
V-Direction	CM/SEC	INCITES.	"	u · ·
TEMPERATURE	°c	n	n	11
CONDUCTIVITY ★	0/00	u u	u	u
PRESSURE	DECIBARS	n	"	11
* noisy cor	ductivity			
HOAA FOIIM 24-13 (3-72)	L			USCOMM-DC 44289-P

T RECORD TY	PES CONTAINI IDENTIFYING	ED IN THE TRANSMITT EACH RECORD TYPE	
Three (3 and deta) record t	ypes, text recor (3), differentia	d (1), meter master record (2), ted by byte 10.
1	•		
1			
2. GIVE BRIEF DESCR	RIPTION OF F	LE ORGANIZATION	
			·
. TTRIBUTES AS EX	PRESSED IN	PL-1 Y FORTRAN	ALGOL . COBOL LANGUAGE
			•
4. RESPONSIBLE COM	PUTER SPECIAL PHONE NUM	Danna Mai	Campbell (206) 543 2007
			iversity of Washington, Seattle, Wa. 98195
COMPLETE THIS	SECTION IF	DATA ARE ON MAGNE	TIC TAPE
5. RECORDING MODE	ВСВ	BINARY	9. LENGTH OF INTER- RECORD GAP (IF KNOWN) X 3/4 INCH
	ASCII	EBCDIC	
		·····	10. END OF FILE MARK
6. NUMBER OF TRACK (CHANNELS)	S		∑ 3½ inch blank tape
(0.17111120)	X HINE		11. PASTE-ON-PAPER LABEL DESCRIPTION (INCLUDE ORIGINATOR NAME AND SOME LAY SPECIFICATIONS
			OF DATA TYPE, VOLUME NUMBER) NOAA/PMEL
7. PARITY			OCSEAP
	X ODD	•	KODIAK ISLAND PU138
. DENSITY		······	5/20/78- 10/3/78 File # 4 File id = K8B
	200 BPI	X 1600 BP1	9 track, EBCDIC, 1600 bpi, ODD parity
**************************************	556 BPI		12. PHYSICAL BLOCK LENGTH IN BYTES 3600 bytes
**************************************	800 BPI		13. LENGTH OF BYTES IN BITS
		<u> </u>	6 bits

NOAA FORM 24-13

RECORD NAME TEXT RECORD (OPTIONAL) 'Date:

17. ATTRIBUTES | 18. USE AND MEANING 14. FIELD NAME 15. POSITION 116, LENGTH FROM-1. MEASURED IN Bytes UNITS NUMBER (e.g. bire, byte Always '015' A3 ' File Type 3 Bytes File Identifica-٠6 tion 4 Always 'l' Record Type 10 1 17 Analogous to NODC Station Numb Meter Number 11 . 5 Additional pertinent information 16 38. 38A1 Text 54 JX. Blank 1 Ascending numeric, used for 16 Sequence Number 55 sorting METER MASTER RECORD (REQUIRED) Always '015' **A3** File Type Bytes File Identifica-6 tion 4 Always '2' Record Type 10 1 I 11 Analogous to NODC Station Numb Meter Number 5 Latitude. Degrees 16 2 12. 12 Minutes 18 Hundredths of 2 minutes 20 12 'n' or 'S' Hemisphere 22 Αl 1 Longitude. Degrees 23 3 13 Minutes 26 2 12 . Hundredths of 41 28 2 12 minutes 'É' or 'W' Hemisphere 30 Al · 7 Depth to bottom 31 5 15 Whole meters Depth of current meter 5 11 36 15 To tenths of a meter Meter Usage Number of times meter has been Sequence Number 3 13 47 . used. Institution Code 71 44 2 **A2** NODC Institution Code u Axis Rotation 13 46. In whole degrees clockwise from true north of V axis Location Name . . . 49 6 **A6** OCSEP internal location code ilumber of detail records 55 6 16 Number of type '3' records

10/15/75

RECORD NAME	- 11500110 (
14. FIELD NAME	15. POSITION	16. LEN	GTH	17. ATTRIBUTES	18. USE AND MEANING
	MEASIRED				·
	INBytes	NUMBER	UNITS		
·	(e.4. bits, bytes)	NO HEL	0	·	
File Type	. 7	3	Bytes	А3	Always '015'
File Identifica-	·				-
tion	4	6	11	٠	KØB
Record Type	10	1.	31	Il	Always '3'
Meter Number	11	5	81		Analogous to NODC Station N
Year	16	2	cr	12	Last two digits of years)
Month	18	2 2 2	n .	12	1-12
Day	20	2	13	12	1-31
Time,		_			· ,
Hour	. 22	2	11	12	0-23) G
Minute	24	2	11	12	0-59)
Hundredth of)
minute	26	2	21	12	0-99)
East-West (u)	28	6	n	16	To hundredths. Positive (E
Current Compone				•	and North) understood.
North-South (v)	34	6	11	I6 ·	Negative (West and South) w
_ Current Componer					negative sign.
Temperature	40	5);	15	To thousandths. Minus sign
D			1)		negative
Pressure	45	5 5 1	83	I5	To tenths
Conductivity	50	5	11	14	To hundredths
Blank Sequence Number	54 55	5.	81	1X 15	Assending numbric used for
pedaetice trainpet	35	5:		19	Ascending numeric, used for sorting
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		D. 1	NSTRUMENT CAL	IBRATION	•				
standards for vol tific content of the bration data requ	information will be a luntary acceptance by he DDF (i.e., STD, t nested by completing the fixed interval cal	y the oceanographic emperature and press and/or checking ("	community. Identi sure sensors, salin /'') the appropria	fy the instrum iometers, oxyg	ents used by yo en meters, velo	our organizatio ocimeters, etc.	n to obtain .) and furnis	the scies h the cal	1-
		INSTRUMENT WAS	CHECK ON THE CHECK		ECK ONE: Y IS CALIBRAT				
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	OHLY AFTER REPAIR	ONLY WHEN HEW	IS NOT CALI- BRATE
Aanderaa Current Meter RCM-4		(√) X		(√)	(√)	(√) X	(√) -	(√)	(√)
same meter			NOIC	l yr.					
meter 3174	3/18								
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				·					
	-								
10AA F	<u> </u>	<u> </u>		J	L	L	<u> </u>	Usc	DC 44268

80-0038

A 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.)

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A. ORIGINATOR IDENTIFICATION

TR 5439

THIS SECTION MUST BE COMPLETED BY DONOR FOR ALL DATA TRANSMITTALS

DATA WERE COLLECTED	CRUISE NUMBER(S) USED BY ORIGINATOR TO IDENTIFY DATA IN THIS SHIPMENT File id = K6B
(E.G., SHIP, BUOY, ETC.) N	PLATFORM AND OPERATOR 7. DATES NATIONALITY(IES)
meter#: Buoy	U.S. U.S. 5/20/78 10/5/78

		D. SCIENTAGE CO	- · ·	
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
SPEED X U-Direction	CM/SEC	Aanderaa Current Meter	N/A	N/A
V-Direction	CM/SEC	RCM-4	ıı ,	u ·
TEMPERATURE	°c	"	n	
CONDUCTIVITY	⁰ /00		"	u .
PRESSURE	DECIBARS	11	u	n
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tempera	ture and	(forling) conductivity ver	y noisy - zero f	illed
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OAA FORM 24-13

RECORD NAME TEXT RECORD (OPTIONAL) 'Date: 10/15/75

14. FIELD NAME	15. POSITION	16. LEN	GTH	17. ATTRIBUTES	18. USE AND MEANING
	MEASURED	1		1	
	IN Bytes		 	1	
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File Type	1	. 3	Bytes	A3	
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tion	4	-6	} "	· ·	1
Record Type	10	1	"	\II	Always 'l'
Meter Number	17.	5	H	ł	Analogous to NODC Station Numb
Text	16	38	111	38A1	Additional pertinent informati
Blank	54	1	81	1X.	
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] _]				
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tion	4.	6	11		
Record Type	10	ן נ	п	ΙΊ	Always '2'
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Degrees .	16	2	u u	I2	
Minutes	18	2		12	
Hundredths of	-		1		Į
minutes	20	2	, ,,	12	
Hemisphere	22] [. "	Al	'N' or 'S'
Longi tude,	i I	• [1		
Degrees	23	3	23	13	· .
Minutes ,	26	2	31	I2	<u> </u>
Hundredths of		- 1	}		<u> </u>
minutes	28	2	91	12	i i
Hemisphere		2	,,	A) ·	'É' or 'W'
	30				, — · · ·
Depth to bottom	31	5	" }	15	Whole meters
Depth of current		_ 1		~~	
meter	. 36	5	21	I 5	To tenths of a meter
lieter Usage		1	}		Number of times meter has been
Sequence Number	. 47	3	11	13	used.
Institution Code	- 44	2	11	A2	NODC Institution Code
Axis Rotation	46.	. 3	11	13	In whole degrees clockwise from
TAX TO CALL OF	70.	٠,١	• . [10	true north of V axis
Location Name	. 40	ا ۾	.,	A.C	
Location Name	49	. 6	"	A 6	OCSEP internal location code
Number of detail	1				
records	55	6	n	16	Number of type '3' records
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NOAA FORM 24-13					USCOMM-DC 4428 ###
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14. FIELD NAME	15. POSITION	16. LEN	GTH	17. ATTRIBUTES	18. USE AND MEANING
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	MEASIRED IN BY LES	· ·			
	(e.f. bits, bytes)	NUMBER	UNITS		
File Type	. 7	3	Bytes	АЗ	Always '015'
File Identifica-		ے	21		K6B
•	4	6	e. Ei	17	7
Record Type Meter Number	10 11	i. E	a)	11	Always '3' Analogous to NODC Station N
Year	16	5 2	0	12	Last two digits of years)
Month	18	2	JI	12	11-12
Day	20	2 2	31	12 12	11-12 11-31
Time,	20	-		12	1-31
Hour	22	2	31	12	0-23 S
Minute	24	2	11	12	0-23 0-59
Hundredth of	27	-		± č.	()
minute	26	2	31	12	0-99
East-West (u)	28	6	n	16	To hundredths. Positive (E
Current Componer					and North) understood.
North-South (v)	34	6	ti .	16	Negative (West and South) w
Current Componer	1				negative sign.
Temperature	40	5	21	I 5	To thousandths. Minus sign
	,,	· }			negative
Pressure	45	5	31	· . 15	To tenths
Conductivity	50	5	81	14	To hundredths
Blank	54	7	ŧı	1X	
Sequence Number	55	5.	t:	I 5	Ascending numeric, used for
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		D. 1	INSTRUMENT CAL	LIBRATION	•				
standards for vol tific content of the bration data requ	luntary acceptance by the DDF (i.e., STD, t uested by completing	utilized by NOAA's A by the oceanographic temperature and press g and/or checking (") libration cycle is che	community. Identifications of the community. Identification of the community of the community of the community of the community of the community.	ify the instrument	ents used by year	our organizatio ocimeters, etc.	on to obtain .) and furnis	the scien sh the cal	n-
		INSTRUMENT WAS	CALIBRATED BY			ECK ONE: IT IS CALIBRAT	red		INSTRU-
INSTRUMENT TYPE DATE OF LAST CALIBRATION		YOUR ORGANIZATION	ORGANIZATION (GIVE NAME)		BEFORE OR AFTER USE	BEFORE AND AFTER USE (\sqrt{.})	ONLY AFTER REPAIR	ONLY WHEN IV	JS NOT CALI- BRATED
Aanderaa Current Meter RCM-4		(√) X		(√)	(V)	X		Ι, ν,	
same meter			NOIC	l yr.					
neter 1676	5/79				·				
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DATA DOCUMENTATION FORM

80-0038

A FORM 24-13

U.S. DEPARTMENT OF COMMERCE
HATIONAL OCEANIC AND ATMOSPMERIC ADMINISTRATION
NATIONAL OCEANOGRAPHIC DATA CENTER
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A. ORIGINATOR IDENTIFICATION

TR 5440 - 41

THIS SECTION MUST BE COMPLETED BY DONOR FOR ALL DATA TRANSMITTALS

		RATORY, O	R ACTIVITY WIT	TH WHICH SUBM	ITTED DATA AF	RE ASSOCI	ATED
OCSEAP KODIAK ISI			DATA IN TH	HBERIS) USED I	BY ORIGINATOR	TO IDEN	TIFY
4. BLATFORM NAME(S)	5. PLATFORM TYP (E.G., SHIP, BUO		6. PLATFORM A		7. DA	TES	
TI2A	,		PLATFORM	OPERATOR	FROM: MODAY,YR	TC: MC/D	AY/YR
meters: 1815, 1673	Buoy 	·	U.S.		10/24/77		
IF YES, WHEN CAN THI FOR GENERAL USE?	EY BE RELEASED		E DARKEN ALL		ERE COLLECTE		
9. ARE DATA DECLARED-NAT PROGRAM (DNP)? (I.E., SHOULD THEY BE INC. DATA CENTERS HOLDINGS TIONAL EXCHANGE?) X NO YES PART	CLUDED IN WORLD		180° 180° 180° 180° 180° 180° 180° 180°		10 10 10 10 10 10 10 10 10 10 10 10 10 1	712 1 p	771
DAYID PASHINSKI Dayid Pashinski (206) 3442 7450	ED WITH TELE:		134 134 136	DN		Dec. 12 12 12 12 12 12 12 12 12 12 12 12 12	
	name of the state of the state of	18C 256. MI	5. 10C, 10C, 10C, 10C, 10C, 10C, 10C, 10C,	136- 196, 88, 86-	1,828,	SE	100



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
SPEED U-Direction	CM/SEC	Aanderaa Current Meter RCM-4	N/A	N/A
V-Direction	CM/SEC	u u		11
TEMPERATURE	°C	li li	п	u .
CONDUCTIVITY	⁰ /00	u	u	u · .
PRESSURE	DECIBARS	n	u	11
			_	
	·	·	•	
				USCOMM-DC 44289-F

OAA FORM 24-13

RECORD HAME TEXT RECORD (OPTIONAL) 'Date: 10/15/75

14. FIELD NAME	15. POSITION FROM_1_ MEASURED	FROM-1-		17. ATTRIBUTES	19. USE AND MEANING		
	IN Bytes (o.g. bire, byree)	NUMBER	צדואט		·		
File Type File Identifica-	7 '	. 3	Bytes	A3	Always '015' K(2A		
tion Record Type Meter Number Text Blank Sequence Number	4 10 11 16 54 55	6 1 5 38 1 6	81 11 13 31 81 31	38A1 1X 16	Always 'l' Analogous to NODC Station Numb Additional pertinent informati Ascending numeric, used for sorting		
MET	ER MASTER	RECORD	(REQU	(RED)			
File Type File Identifica-	1	3	Bytes	A3	Always '015'		
tion Record Type Meter Number Latitude,	4 10 11	6 1 5	81 81 83	11	Always '2' Analogous to NODC Station Numb		
Degrees Minutes Hundredths of	16 18	2 2	11 11	I2 I2			
minutes Hemisphere Longitude,	20 22	2	- H	I2 Al	'N' or 'S'		
Degrees Minutes Hundredths of	23 26	3 2	27 11	I3 I2			
minutes Hemisphere Depth to bottom Depth of current	28 30 31	2 1 5	91 81 81	I2 Al I5	'E' or 'W' Whole meters		
meter Meter Usage	. 36	5	11	15	To tenths of a meter Number of times meter has been		
Sequence Number Institution Code Axis Rotation	47 - 44 46	. 2	81 11 81	13 [*] A2 13 [*]	used. NODC Institution Code In whole degrees clockwise fro true north of V axis		
Location Name	49	6	· 11 ·	A6			
records	55	6	.,	16	Number of type '3' records		
					OCSEP internal location code		
DAA FORW 24-13				·	USCOMM-DC 4428		

RECORD NAME	TE VECOUP ((nequan			
14. FIELD NAME	15. POSITION	16. LEN	GTH	17. ATTRIBUTES	18. USE AND MEANING
٠,	MEASURED		<u></u> '	4 .	
'	IN Bytes	NUMBER	UNITS	1	
	(s.f. bits, bytes)				
File Type	1 7	3	Bytes	A3	Always '015'
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tion Record Type	10	6	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	11	Always '3'
Meter Number	11	5	n	1	Analogous to NODC Station N
Year	16	2		12	Last two digits of years)
Month	18	2	"	12	1-12
Day	20	. 2	"	12	1-31
Time,	1	1 '	1 . !	1	. } . [
Hour	22	2	n ,	12	0-23) G
Minute	24	2	1 " '	12	0-59
Hundredth of minute	26	2	,,	12	0-99
East-West (u)	28	6	n	16	To hundredths. Positive (E
Current Componer	1 1	1 ,	1 '	1	and North) understood.
North-South (v)	34	6	ս	16	Negative (West and South) w
Current Componer	ht		1	·	negative sign.
Temperature	40	5	"	15	To thousandths. Minus sign
D	I AE	1 - '	, 1	1. TE	negative
Pressure Conductivity	45	5 5		I5 I4	To tenths :
Blank	54	1 1	11	111	10 Huller Ed Lits
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		D. 1	INSTRUMENT CAL	IBRATION					
standards for volution of the bration data required	information will be uluntary acceptance be the DDF (i.e., STD, the DDF the completing the fixed interval cal	by the oceanographic temperature and pres g and/or checking ("	community. Identifies sure sensors, saling (''') the appropriate	fy the instrume	ents used by ye en meters, velo	our organizatio ocimeters, etc.	n to obtain) and furnis	the scier sh the cal	n-
		INSTRUMENT WAS	CALIBRATED BY			ECK ONE: IT IS CALIBRAT	reo		INSTRU- MENT IS
INSTRUMENT TYPE DATE OF LAST CALIBRATION		YOUR ORGANIZATION	OTHER ORGANIZATION (GIVE NAME)	AT FIXED INTERVALS	BEFORE OR AFTER USE	BEFORE AND AFTER USE	OHLY AFTER REPAIR	NEM MHEN ONLY	NOT CALI- Brated
Aanderaa Current Meter RCM-4		(√) X		(√)	(√)	X (√1)	(√)	(√)	(√)
same meter			NOIC	l yr.					
meter 1815	10/76								
meter 1673	5 78								
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A FORM 24-13

HOAA 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

TR5442

THIS SECTION MUST BE COM	PLETED BY DONOR	FOR ALL	DATA TRANSMI	TTALS	(1)		
1. NAME AND ADDRESS OF I		RATORY, O	R ACTIVITY WIT	TH WHICH SUBM	HTTED DATA A	RE ASSOCI	ATED
3711 15 th	Avenue N.E. ashington 98105		·				
2. EXPEDITION, PROJECT, C DATA WERE COLLECTED OCSEAP			3. CRUISE NUM DATA IN TH	IS SHIPMENT	BY ORIGINATOR	R TO IDEN	TIFY
KODIAK ISLE	·.	<u> </u>	7770	אקת			
4. PLATFORM NAME(S)	5. PLATFORM TYP (E.G., SHIP, BUC		6. PLATFORM A		<u></u>	TES	
T9A	_		PLATFORM	OPERATOR	FROM: MODAY,YF	TO: MC/DA	Y/YR
meter#:1808	Buoy						ľ
and the second of the second o			U.S.	4.4	10/19/77	L	
S. ARE DATA PROPRIETARY	?		E DARKEN ALI				TA
X HO YES	. • •			· · · · · · · · · · · · · · · · · · ·	. :		ļ
IF YES, WHEN CAN THE FOR GENERAL USE?	EY BE RELEASED	2	•	GENERAL AR	EA	• • •:	
PROGRAM (DNP):	FIONAL.	NC 124" N	6. 186. 186. 186. 186.	125° 100° 00° 00°	AC SC C SC	e e e	188"
(I.E., SHOULD THEY BE INC DATA CENTERS HOLDINGS TIONAL EXCHANGE?) ¹	CLUDED IN WORLD			October 1	CHURCH P	新一种	1
	(SPECIFY BELOW)	90° 1	(pod)	S 1001 1 100	1821d-4	212 20	57
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REASON TO WHOM INQUIRED DATA SHOULD BE ADDRESS	S CONCERNING		1557 1058 1571 1514 1515	BG BG		ED E	
PHONE NUMBER (AND ADD)	RESS IF OTHER	200	(Disc	- Detr Det	BM371/ i		Ž.,
THAN IN ITEM-1) Dayid Pashinski		07	ES	· ··· kus / / jr/s	I leave	100	4
		205	900 600 1000	icu / S use		B11 190	
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ver make the second	man and a summary man of	577	6. 186. 186. 186. 186. 27.2	545 1 55	1626	B45 1577	1987- 1
una.	I	ik. Gt. H	, the the 100 left.				

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B. SCIEN INC CONTENT

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-	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
	SPEED X U-Direction	CM/SEC	Aanderaa Current Meter RCM-4	N/A	N/A
	V-Direction	CM/SEC	II II	II .	u
	TEMPERATURE	°c	u	n	u
	CONDUCTIVITY	⁰ /00		ıı .	u
	PRESSURE .XX	DECIBARS	n		, п
+	Some zero ** noisy f	speeds)			
•	HOAA FOIIM 2 13-721		·		COMM-DC 44289-F

OAA FORM 24-13

RECORD HAME TEXT	RECORD (0	PTIONA'	L)		'Date: 10/15/75
14. FIELD NAME	15. POSITION FROM-1- MEASURED IN BYTES	. [СТН	17. ATTRIBUTES	18. USE AND MEANING
	(e.g. blin, bytes)	NUMBER	UNITS		
File Type File Identifica-	. 1	. 3	Bytes	A3	Always '015'
tion Record Type	4 10	6	11 11	11	Always '1'
Meter Number Text	11 16	5 38	81 21	38A1	Analogous to NODC Station Numb Additional pertinent informati
Blank	54	1	1t	1X [.]	
Sequence Number	55	6	"	16	Ascending numeric, used for sorting
					<u> </u>
MET	ER MASTER	RECORD	(REQU	RED)	· E
File Type File Identifica-	1	3	Bytes	A3	Always '015'
tion Record Type	4 10	6	n n	II	Always '2'
Meter Number Latitude,	11	5	n	1	Analogous to NODC Station Numb
Degrees	16	2	33 81	I2	
Minutes Hundredths of	18	. 2		12	
minutes Hemisphere	20 22	2	- 11	I2 Al	'N' or 'S'
Longitude, Degrees	23	3	21	13	
Minutes Hundredths of	26	2	11	I2 ·	'É' or 'W' Wnole meters
minutes Hemisphere	28 30	2	11 21	I2 Al	'É' or 'W'
Depth to bottom Depth of current	31	5	D	15	Whole maters
meter Meter Usage	. 36	5	11	15	To tenths of a meter Number of times meter has been
Sequence Number		3	81 89	13	used.
Institution Code Axis Rotation	- 44 46.	3	" .	A2 13 ·	MODC Institution Code In whole degrees clockwise from true north of V axis
Location Name	49 .	6	·n .	A 6	
records	55	6	an	16	Number of type '3' records
					OCSEP internal location code Number of type '3' records
)					
OAA FORM 24-13			_		USCOMM.DC 44242

FILE Type File Type File Identification Feeth Number File Number File Identification File Number File Number File Identification File Number File Identification File Number File Identification File Identifi	RECORD NAME					
File Type File Identification Record Type File Number File Number File Identification Record Type File Identification Record Type File Identification Record Type File Identification Record Type File Identification Record Type File Identification Record Type File Identification Record Type File Identification Record Type File Identification Record Type File Identification Record Type File Identification Record Type File Identification Record Type File Identification Record Type File Identification Record Type File Identification Record Type File Identification Record Type File Identification File Identification Record Type File Identification File Identificat	12. FIELD NAME		16. LEN	GTH	17. ATTRIBUTES	18. USE AND MEANING
File Type File Identification A 6 " K9A Record Type 10 1 " II Always '3' Meter Number 11 5 " I2 Last two digits of years) Youth 18 2 " I2 Last two digits of years) Youth 18 2 " I2 I-12 I-31 Youth 18 2 " I2 I-31 Youth 18 2 " I2 I-31 Youth 18 2 " I2 I-31 Youth 18 2 " I2 I-31 Youth 18 2 " I2 I-31 Youth 18 2 " I2 I-31 Youth 19 I2 I		MEASURED			•	
File Type File Identification A Record Type 10 Meter Number 11 5 Meter Number 11 5 Month 18 2 Minute Hour Hour Hour Hour Hour Hour Hour Hour	• •	INBYTES	NUMBER	UNITS		
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File Identification Record Type Record Type Reter Number Reter Number Reter Number Record Type Reter Number Record Type Reter Number Record Type Reter Number Record Type Reter Number Record Type Reter Number Record Type Reter Number Record Type Reter Number Record Type Reter Number Record Type Reter Number Record Type Reter Number Record Type Reter Number Record Type Reter Number Record Type Release Number Record Type Release Number Record Type Release Number Record Type Release Number Record Type Release Number Record Type Release Number Record Type Release Number Record Type Release Number Record Type Release Number Record Type Release Number Record Type Release Number Record Type Release Number Record Type Release Number Record Type Release Number Record Type Release Number Record Type Release Number Record Type Record Type Release Number Record Type Release Number Record Type Release Number Record Type Release Number Record Type Release Number Record Type Reco	File Type	. 7	3	Rytes	А3	Always '015'
tion Record Type Record Type Record Type Reter Number Record Type Reter Number Record Type Reter Number Record Type Record Typ		•				
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Meter Number Year 16 2 " I2 Last two digits of years) 11	•		ī	n	וז	Always '3'
Hour 22 2 " I2 0-23 0-59 Hundredth of minute 26 2 " I2 0-99 East-West (u) 28 6 " I6 To hundredths. Positive (Eand North) understood. Negative (West and South) with negative sign. To thousandths. Minus sign negative megative to for the fonductivity 50 5 " I5 To tenths and conductivity 50 5 " I4 To hundredths. Ascending numeric, used for sorting			5	32	• •	
Hour 22 2 " I2 0-23 0-59 Hundredth of minute 26 2 " I2 0-99 East-West (u) 28 6 " I6 To hundredths. Positive (Eand North) understood. Negative (West and South) with negative sign. To thousandths. Minus sign negative megative to for the fonductivity 50 5 " I5 To tenths and conductivity 50 5 " I4 To hundredths. Ascending numeric, used for sorting			2	n	12	
Hour 22 2 " I2 0-23 0-59 Hundredth of minute 26 2 " I2 0-99 East-West (u) 28 6 " I6 To hundredths. Positive (Eand North) understood. Negative (West and South) with negative sign. To thousandths. Minus sign negative megative to for the fonductivity 50 5 " I5 To tenths and conductivity 50 5 " I4 To hundredths. Ascending numeric, used for sorting			2	81		
Hour 22 2 " I2 0-23 0-59 Hundredth of minute 26 2 " I2 0-99 East-West (u) 28 6 " I6 To hundredths. Positive (Eand North) understood. Negative (West and South) with negative sign. To thousandths. Minus sign negative megative to for the fonductivity 50 5 " I5 To tenths and conductivity 50 5 " I4 To hundredths. Ascending numeric, used for sorting			2	93		
Hour 22 2 2 " I2 0-23 0-59 Hundredth of minute 26 2 " I2 0-99 To hundredths. Positive (East-West (u) 28 6 " I6 To hundredths. Positive (Eand North) understood. Negative (West and South) with negative sign. To thousandths. Minus sign negative To tenths To hundredths for hundredths. Positive (Eand North) understood. Negative Sign. To thousandths. Minus sign negative To tenths To hundredths for hundredths. To hundredths sequence Number 55 " I5 Ascending numeric, used for sorting the sorting that the sorting the sorting that the so			_		16	. {
Minute Hundredth of Hundredth of Minute 26 2 " I2 0-99 To hundredths. Positive (East-West (u) 28 6 " I6 To hundredths. Positive (Eand North) understood. Negative (West and South) with negative sign. To thousandths. Minus sign negative ressure 45 5 " I5 To tenths To hundredths 12 " 14 To hundredths 12 " 14 To hundredths 12 " 15 Ascending numeric, used for sorting	-	22	2	21	12	n_23
Hundredth of minute 26 2 " I2 0-99 East-West (u) 28 6 " I6 To hundredths. Positive (Eand North) understood. North-South (v) 34 6 " I6 Negative (West and South) with negative sign. To thousandths. Minus sign negative ressure 45 5 " I5 To tenths To hundredths Conductivity 50 5 " I4 To hundredths Fanda North) understood. Negative (West and South) with negative sign. To thousandths. Minus sign negative To tenths To tenths To hundredths To hundredths To hundredths To hundredths Ascending numeric, used for sorting			2	El .		
minute 26 2 " I2 0-99) East-West (u) 28 6 " I6 To hundredths. Positive (Eand North) understood. North-South (v) 34 6 " I6 Negative (West and South) was negative sign. Temperature 40 5 " I5 To thousandths. Minus sign negative Pressure 45 5 " I5 To tenths Conductivity 50 5 " I4 To hundredths Hank 54 1 " IX Sequence Number 55 " I5 Ascending numeric, used for sorting			_			(
Current Component Sorth-South (v) Current Component Current	25	9	11	72	ln-99	
Current Component Sorth-South (v) Current Component Temperature 40 5 15 15 15 16 Negative (West and South) we negative sign. To thousandths. Minus sign negative ressure Sonductivity Solution						
Current Component Current Component Emperature 40 5 15 To thousandths. Minus sign negative Pressure Conductivity Slank Sequence Number 55 To tenths To hundredths Ascending numeric, used for sorting			ا			(and North) understood
Current Component [emperature	North-South (v)	34	6	11	76	
Temperature 40 5 " I5 To thousandths. Minus sign negative To tenths To tenths To hundredths Sonductivity 50 5 " I4 To hundredths Slank 54 1 " IX Sequence Number 55 " I5 Ascending numeric, used for sorting						
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Conductivity Slank Stank Sequence Number Stank S	Pressure	45	5	11	· 15	
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Sequence Number 55 5 " I5 Ascending numeric, used for sorting	Blank		ĭ	p		10 116114 64 6113
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USCOMM-D

D. INSTRUMENT CALIBRATION

standards for vol tific content of t bration data requ	information will be a duntary acceptance by the DDF (i.e., STD, a uested by completing	y the oceanographic temperature and press and/or checking (")	community. Identil sure sensors, salin ''') the appropriat	ly the instrume	ents used by ye en meters, velo	our organizatio ocimeters, etc.	n to obtain) and furnis	the scient	1-
	the fixed interval cal	INSTRUMENT WAS				ECK ONE: T IS CALIBRAT	red		INSTRU- MENT 1S
INSTRUMENT TYPE (MFR., MODEL NO.)	DATE OF LAST CALIBRATION	YOUR ORGANIZATION	OTHER ORGANIZATION (GIVE NAME)	AT FIXED INTERVALS	BEFORE OR AFTER USE	BEFORE AND AFTER USE (√.)	ONLY AFTER REPAIR ()	ONLY WHEN HEW	NOT CALI- BRATED
Aanderaa Current Meter RCM-4		X				X			
same meter			NOIC	l yr.					
neter 1808	5 78								
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		-			<u></u>			1	DC 44289
0 ÅA F	<u> </u>	<u></u>		<u></u>	l	1	<u> </u>	Usc	DC 44280-

DATA DOCUMENTATION FORM

80 - 0038

A 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.)

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A. ORIGINATOR IDENTIFICATION

TR 5443

THIS SECTION MUST BE COMPLETED BY DONOR			1 1 A L 3		
1. NAME AND ADDRESS OF INSTITUTION, LABOR	ATORY, O	R ACTIVITY WIT	LH MHICH SUBM	ITTED DATA A	RE ASSOCIATE
NOAA / PMEL 3711 15 th Avenue N.E. Seattle, Washington 98105			. :		
2. EXPEDITION, PROJECT, OR PROGRAM DURING DATA WERE COLLECTED OCSEAP KODIAK ISLAND RU		DATA IN TH	MBERIS) USED E	BY ORIGINATOR	TO IDENTIFY
4. PLATFORM NAME(S) 5. PLATFORM TYPE		6. PLATFORM		7. DA	TES
TIOB (E.G., SHIP, BUO	Y, ETC.)	NATIONALIT PLATFORM	OPERATOR	FROM: MODAY,YR	TO: MC/DAY/YE
meter #: 2512 Buoy		PEATFORM	. CFERATOR	FROM: / /	<u> το: / / </u>
		U.S.	U.S	5/20/78	10/ 14/78
E. ARE DATA PROPRIETARY? X NO YES IF YES, WHEN CAN THEY BE RELEASED FOR GENERAL USE? YEAR MONTH	CONTA	INED IN YOUR	SUBMISSION WE	JARES IN WHICH	HANY DATA
PROGRAM (DNP)? (I.E., SHOULD THEY BE INCLUDED IN WORLD DATA CENTERS HOLDINGS FOR INTERNATIONAL EXCHANGE?) X NO YES PART (SPECIFY BELOW) PRERSON TO WHOM INQUIRIES CONCERNING DATA SHOULD BE ADDRESSED WITH TELE-PHONE NUMBER (AND ADDRESS IF OTHER THAN IN ITEM-I) Dayid Pashinski		180" 180" 160"	17		100 100 27 100 27 100 100 100 100 100 100 100 100 100 10
(206):442 7450 FTS 399 7450	907 130° MI	195, 185, 185, 195, 195, 195, 195, 195, 195, 195, 19	134. 184. 86. 86. 86. 87. 174. 184. 185. 185. 185. 185. 185. 185. 185. 185	- " toous	Si isro

D. SCHOOL COLLIER	B.	SCHOOL	·IIIE	CONTENT
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	·			
NAME OF DATA FIELD	REPORTING ÚNITS 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
SPEED X U-Direction	CM/SEC	Aanderaa Current Meter RCM-4	N/A	N/A
V-Direction	CM/SEC	1011-14	и .	u · ·
TEMPERATURE	°C	u	n n	n .
CONDUCTIVITY**	⁰ /00	и	"	a .
PRESSURE	DECIBARS		u u	11
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** conducti	vity nasy	(left in record)		
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HOAA FORM 24-13 (3-72)	<u> </u>			U3COMM-DC 44268-P

10 AA FORM 24-13

RECORD HAME TEXT	RECORD (O	PTIONA	L)		'Date: 10/15/75
14. FIELD NAME	15. POSITION FROM-1- MEASURED		GТH	17. ATTRIBUTES	18. USE AND MEANING
<u> </u>	(e.g. birs, byree)	NUMBER	UNITS	·	
File Type File Identifica-	1	{	Bytes	A3	Always '015' KIOB
tion Record Type	10	6	11	11	Always '1'
Meter Number Text	11 16	5 38	11	38A1	Analogous to NODC Station Numb
Blank Sequence Number	54 55] 6););	1X.	Ascending numeric, used for
					sorting
MET	ER MASTER	ברטפט	/DEOII	חבחו	
File Type	EK MASIEN	3	Bytes		Always '015'
. File Identifica-	4	6	11		
Record Type Meter Number	10 11	7 5	n D	IJ	Always '2' Analogous to NODC Station Numb
Latitude, Degrees	16 18	2 2	11 11	I2 I2	
Minutes Hundredths of minutes	20	: 2	11	12 I2	
Hemisphere Longitude,	22	1.	. 11	Ä	'N' or 'S'
Degrees Minutes ,	23 26	3 2	39 11	I3 I2	
Hundredths of minutes	28	2	82 11	I2	
Hemisphere Depth to bottom Depth of current	30 31	5	11 E1	A] 15	'E' or 'W' Whole meters
meter Meter Usage	. 36	5	at .	15	To tenths of a meter Number of times meter has been
Sequence Number Institution Code	. 41	3 2	81 91	13 A2	used. NODC Institution Code
Axis Rotation	46.	3	¥ .	13	In whole degrees clockwise from true north of V axis
Location Name	49	6	·# · }	A6	OCSEP internal location code
records		6		16 	Number of type '3' records
					OCSEP internal location code
					:
NOAA FORW 24-13	- 17				USCOMM-DC 4421

RECORD NAME DETTE					
14. FIELD NAME	15. POSITION	16. LEN	GTH	17. ATTRIBUTES	18. USE AND MEANING
	MEASIRED IN BY LES				
	(e.f. bils, byles)	NUMBER	טאוד5		
Eilo Typo	. 7	3	Putos	А3	Always '015'
File Type File Identifica-		3	Bytes	N2	1
tion	4	6	11		KIOB
Record Type	10	1.	31	11	Always '3'
Meter Number	11	5	2)	_	Analogous to NODC Station N
Year	16	. 2	61 11	I2	Last two digits of years)
Month	18 20	2 2	P3	12 12	Analogous to NODC Station N Last two digits of years) 1-12 1-31) 0-23) G
Day Time,	20	2		12	1-31
Hour	22	2	33	12	lo-23
Minute	24	2	11	12	0-59
Hundredth of	, <u> </u>) iii
minute	26	2)) 33	12	0-99
East-West (u) Current Componer	28 ÷	6	••	16	To hundredths. Positive (E
North-South (v)	34	6	u	16	Negative (West and South) w
Current Componer					negative sign.
Temperature	40	5	**	15	To thousandths. Minus sign
Dungan	45	_))		negative
Pressure Conductivity	45 50	5 5	81	I5 I4	To tenths To hundredths
Blank	54	ĭ	81	ix	to handreachs
Sequence Number	55	5	61	15	Ascending numeric, used for
				·	sorting
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CAA FORM 24-13					USCOWN-DC

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 ("\sum'") 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	ISTRUMENT WAS CALIBRATED BY		CHECK ONE: INSTRUMENT IS CALIBRATED				
INSTRUMENT TYPE (MFR., MODEL NO.)	DATE OF LAST CALIBRATION	YOUR ORGANIZATION (√)	OTHER ORGANIZATION (GIVE NAME)	AT FIXED INTERVALS	BEFORE OR After USE	BEFORE AND AFTER USE (\subsection).	ONLY AFTER REPAIR (V)	(√) MEM MEH (√)	IS NOT Cali- Brated
Aanderaa Current Meter RCM-4		Х				X			
same meter			NOIC	l yr.					
meter 2512	5/77								
									·
		·							
HOAA F		L			·	l	l	USC	DC 44269-P72

DATA DOCUMENTATION FORM

80-0038

A FORM 24-13

U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL OCEANOGRAPHIC DATA CENTER
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A. ORIGINATOR IDENTIFICATION

1R5444 - 45

THIS SECTION MUST BE COMPLETED BY DONOR	FOR ALL	DATA TRANSMI	TTALS		
1. NAME AND ADDRESS OF INSTITUTION, LABOR	RATORY, O	R ACTIVITY WIT	TH WHICH SUBM	ITTED DATA A	RE ASSOCIATE
NOAA / PMEL	erenyen.	ally and	The state of the s		
3711 15 th Avenue N.E.			•		
Seattle, Washington 98105					
State Comments Commen		er en en en en en en en en en en en en en			
2. EXPEDITION, PROJECT, OR PROGRAM DURIN	G WHICH	3. CRUISE NUN	MBER(S) USED E	BY ORIGINATOR	R TO IDENTIFY
DATA WERE COLLECTED		DATA IN TH	IIS SHIPMENT		
OCSEAP	20	File id	= K13B		
KODIAK ISLAND RUI	20	- 25 mm	MIDD		
	All Action				
Special Control of the Control of th		1 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3			TES
LATFORM NAME(S) 5. PLATFORM TYP (E.G., SHIP, BUC		6. PLATFORM A		7.	IES
K13B		PLATFORM	OPERATOR	FROM: MODAY,YF	TO: MO/DAY/Y
moter #5: Buoy			3.00	Augustic A	
3289, 3178		U.S.	U.S :	5/21/78	10/7/78
		0.03.		3,21,10	1 7 7 7 6
6. ARE DATA PROPRIETARY?		E DARKEN ALL			
X NO YES	00111	WED IN TOOK			
IF VEL WUEN CAN THEY BE BEI FACED		· · ·	GENERAL AR	E A	
FOR GENERAL USE! YEARMONTH			UERERAL AN		
9. ARE DATA DECLARED NATIONAL PROGRAM (DNP)?	MC 128" H	er 188" 188" 188" 140"	120" 100" " 80" 80"	40° 20° 8° 20°	ter ser ser see
(I.E., SHOULD THEY BE INCLUDED IN WORLD	marine.	PAGE 200	Debet 1900 18		bald har bro
DATA CENTERS HOLDINGS FOR INTERNA- TIONAL EXCHANGE?)	20	27 25 22		C20000 7 1	102 AN 128
Y NO YES PART (SPECIEV RELOW)	60.		101 1186	18 216 Ju	212 207
X NO YES PART (SPECIFY BELOW)	170	F- 1165 1160	7 125 1 25 25	MSHO	2762 1 1171
	4. 17	129 124	1119 × 1 1114		pac has
	77. 042	093 083 0 057 052	DE SE	1 : (12371072	1062
ORERSON TO WHOM INQUIRIES CONCERNING DATA SHOULD BE ADDRESSED WITH TELE-	. 3	ESD B15	bij bos	D 1 - 1 DOOT 136	(C) (C) (C) (C) (C) (C) (C) (C) (C) (C)
PHONE NUMBER (AND ADDRESS IF OTHER	20 361	B50 B51	- B45 B41		1867 D62 1805 1998
THAN IN ITEM-1)	- or	ET 2 100	1 - 1416 1 1 1413	I LOSUS .	10° 101
David Pashinski		Hed & S	1 2 1 Les	THITT	usi uno
(206)5442 7450 FTS 399 7450	se - 505	500 655	100 E 105		511 - Fixe
113 333 /430	. 54	536 .	26 521	516551	X I I I

B. SCIENT	ع ال	CONTENT
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Maria de la companione	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
With the state of	SPEED U-Direction V-Direction	CM/SEC CM/SEC	Aanderaa Current Meter RCM-4	N/A "	N/A
	TEMPERATURE	°C	u	u	u
	CONDUCTIVITY	⁰ /00	11	. 0	u
.∵ 3¥.	PRESSURE	DECIBARS	n	u	n
The second secon	meter# 328		ero speeds due to sty spike	•	
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110AA FOIM 24-13 (3-72)

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USCOMM-DC 44289-P72

٠	14. FIELD NAME	15. POSITION	16. LEN	СТН	17. ATTRIBUTES	18. USE AND MEANING
		MEASURED IN Bytes	NUMBER	UNITS		
-	File Type	(o.s. birs, byree)	3	Bytes	A3 .	Always '015'
	File Identifica- tion Record Type Meter Number Text Blank Sequence Number	4 10 11 16 54 55	6 1 5 38 1 6	11 11 11 11 11	38A1 1X 16	K13B Always 'l' Analogous to NODC Station Number Additional pertinent information of the Ascending numeric, used for sorting
	ACT	TO MACTED		/D.CO.	חבת)	
	File Type File Identifica-	ÈR MASTER I	3	Bytes	A3	Always '015'
	tion Record Type Meter Number Latitude,	4 10 11	6 1 5	31 31 33	II	Always '2' Analogous to NODC Station Numb
	Degrees Minutes Hundredths of	16 18	2 2	88 81	I2 I2	·
	minutes Hemisphere Longitude,	20 22	2	. II	I2 Al	'N' or 'S'
	Degrees - Minutes Hundredths of	23 26	3 2	31 - 31	· I3 · I2	
	minutes Hemisphere Depth to bottom Depth of current	28 30 31	2 1 5	n n	12 Al 15	'É' or 'W' Wnole meters
1	meter Meter Usage	36	5	tı	15	To tenths of a meter Number of times meter has been
	Sequence Number Institution Code Axis Rotation	41 - 44 46	. 2 . 3	81 81 81	13 A2 13	used. NODC Institution Code In whole degrees clockwise fro
	Location Name	49	6	·n •	A6	true north of V axis OCSEP internal location code
	Number of detail records	55	6	8	16	Number of type '3' records
					·	

NOAA FORM 24-13

USCOMM-DC 44262

'	KECURU NAME	en en en en en en en en en en en en en e	radio de	<u> </u>	44.2	programme and the second secon
1	14. FIELD NAME	15. POSITION	16. LEN	GTH .	17. ATTRIBUTES	19. USE AND MEANING
-		MEASURED IN BY LES			· · · · ·	
-		IN <u>Bytes</u>	NUMBER	UNITS		•
1		(o.f. bits, bytes)	TURBER	UNITS		
-	File Type	7	3	Bytes	АЗ	Always '015'
-	File Identifica-			Dy ccs	7.5	
ļ	tion	4	6	11		K13B
Í	Record Type	10	7.))	11	Always '3'
1	Meter Number	11	5	n	• •	Analogous to NODC Station N
-	Year	76	2	#	12	Last two digits of years)
	Month	18	. 2	tt .	12	1-12
- 1	Day	20	2	11	12	1-31
	Time,	20	_		46	. ,
-	Hour	22	2	12	12	0-23) 6
	Minute	. 24	2	11	12	0-59
- [Hundredth of		-		14-	~ J
	minute	26	2	li li	12	0-99
	East-West (u)	28	6	13		To hundredths. Positive (E
-	Current Componer		١			and North) understood.
	North-South (v)	34	6	u	16	Negative (West and South) w
1	Current Componer					negative sign.
1	Temperature	40	5	, н		To thousandths. Minus sign
1			•		1	negative
1	Pressure	45	5	n .		To tenths
	Conductivity	. 50	5	D		To hundredths
	Blank	54	1	11	ix l	
	Sequence Number	55	5.	11		Ascending numeric, used for
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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 DDF (i.e., STD, temperature and pressure sensors, salinometers, oxygen meters, velocimeters, etc.) and furnish the calibration data requested by completing and/or checking ("\sqrt{''}) 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	INSTRUMENT WAS CALIBRATED BY		CHECK ONE: INSTRUMENT IS CALIBRATED				
INSTRUMENT TYPE (MFR., MODEL NO.)	DATE OF LAST CALIBRATION	YOUR ORGANIZATION (√)	OTHER ORGANIZATION (GIVE NAME)	AT FIXED INTERVALS	BEFORE OR AFTER USE	BEFORE AND AFTER USE (√.)	ONLY AFTER REPAIR (V)	ONLY WHEN HEW (V)	IS NOT CALI- BRATED
Aanderaa Current Meter RCM-4		х				X			
same meter			NOIC	l yr.					
meter 3289	3/18		,				÷		
meter 3178	3/78			•			·		
							P		

ACCESSION/TRACK #80-0038 TR5434-5445

<u>Step</u>	Completion Date	e/Init.	Tape #	# of Files	BLKSIZE	LRECL	# RECORDS
ORIGINATOR TAPE #	6-5-80	X	SW2F20 (C4082)	/	4800	60	
QUADI/SCAN TAPE #	11-13-80	800	008909	1	4800	60	
DDF EVALUATION	5-5-81	mek		•			
QUALITY REVIEW	5-5-81	WK.					
PRELIMINARY DATA SORT	, ,						
PRELIMINARY MULCHEK	5/8/8/	mes	* See -	below	-		
FIRST USER TAPE #	7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7			·			
WORK DISK FILE			* Saz -	Colaw			
FINAL USER TAPE #	. ,						
FINAL MULCHEK	5/11/81	TOR!	* see	below			
EDITED DISK FILE	/ /						
DATA SET "FINALIZED"							

Note - Dasa Set aplit to three parts as indialed!

OD15773* FOIS. TR5434 [TRACKS 5434-5438]

OD15773* FOIS. TR5439

OD15773* FOIS. TR5439

OD15773* FOIS. TR5440 [TRACKS 5440-5445



UNITED STATES DEPARTMENT OF COMMERCE National Oceanic and Atmospheric Administration

ENVIRONMENTAL DATA AND INFORMATION SERVICE Washington, D.C. 20235

National Oceanographic Data Center

September 17, 1981

OA/D781/SJH

Mr. Glenn Cannon NOAA/ERL/PMEL 3711 15th Avenue, NE Seattle, WA 98105

Dear Mr. Cannon:

Please find enclosed parameter check and inventory runs for FTP 015 current meter data from RU 138. The file ID's and corresponding NODC track numbers are:

FID	Meter No.	Track No.	FID	Meter No.	Track No.
K6A	2249	TR5434	K12A	1815	TR5440
K7A	1984	TR54 3 5		1673	TR5441
14774	2245	TR5436	K9A	1808	TR5442
K10A	1987	TR5437	K10B	2512	TR5443
K8B	3174	TR5438	K13B	3289	TR5444
K6B	1676	TR5439		3178	TR5445

In processing the twelve data sets, the only changes made were in tracks TR5439 and TR5442. In these data sets the temperature and electrical conductivity values, reported as zero, were deleted.

We have considered the data sets final processed and will enter the data into the OCSEAP data base. May I ask that you please review the "actual range values" for each parameter in the check runs for accuracy and notify me if any corrections are required.

Thank you for your submission of OCSEAP data.

Sincerely yours,

Sid Halminski

NODC OCSEAP Data Coordinator

Enclosure

cc: W. Fischer

D. Dale (w/enclosure)

M. Crane

S. Stillwaugh



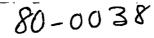
NAPIS # 80-0038 TRACK # 485434

COUNTRY	USA
INSTITUTE	NOAR / PMEL
PLATFORM	Buoy
CRUISE #	K-GA (METER 2249) 10/18/77 - 3/10/78
PROJECT	0CSEAP 196
CATEGORY	609
DNP	No
MODE	227
DATE REC'VD	3/6/80
FILE TYPE	015
FILE ID	K-6A

SW2FZO (NOPC)

CKUISE	METER	CRUISE VATES	MATE VENI SQ	ROUD	FT	TRACK No.
<u> </u>	1984	10/19/77-3/16/78	196	3/6/80	0)5	TR5435
	2246	10/19/77 - 3/10/78	176	"	1	1RS436
Kion	1937	10/17/77 - 3/9/78	196	9	((TR5437
K 88	3174	5/21/78-10/4/78	176	. 4	(1)	TR5438
KGB	1676	5/20/78-10/5/78	196	4		TR5439
KIRA	1815	10/24/77 - 3/8/78	196	"	(c	TR544
	1673	16/24/77 - 3/8/78	196	"	*	TK544
K 9//	1808	10/19/77 - 3/9/78	196	"	**	TR5445
KIOB	2512	5/21/78 - 10/4/78	176	٠١	.,	TR544
KISB	3287	5/22/78-10/8/78	196	11	12	TR544
,	3178	5/22/78-10/8/78	:96	"	.,	TR544

FORM CD-26 (12-11-46) U.S. DEPARTMENT OF COMMERCE WORKSHEET \$\omega -0038 TR5434-5445 SWZFZO : FILE TRACK TR5434 5435 5436 KTA KIOA 5437 5438 K8B K6B 5439 KIZA 5440 KIZA 544/ 1808 K9A 5442 2512 KIOB 5443 CHB 5444 3289 KI3B KI3B 5445 3/78





U.S. DEPARTMENT OF COMMERCE National Oceanic and Atmospheric Administration

TR 5434 - 45

ENVIRONMENTAL RESEARCH LABORATORIES
Pacific Marine Environmental Laboratory
NOAA Building Number

NOAA Building Number 7600 Sand Point Way N.E. Seattle, WA 98115

RU 138

Date: January 17, 1980

To: Mr

Mr. James Audet (D781)

Sharon Wright

From:

·com:

Subject: Transmittal of Current Meter Data

This is to notify you that you will be receiving a shipment containing (1) magnetic tape from our Boulder, Colorado facility. The name given the tape should be "F20". I will be sending the DDF's along with this letter and also the computer printouts. The tape contains (10) files total with the following information:

SPECIAL NOTE: File 9 is a repeat meter. You already have this meter on file. Please disregard it.

File#	File I.D.	. Time Period	Meter	Depth (in meters)
1.	✓ K-6A	10/18/77-3/10/78	2249 ·	23
2.	K-7A	10/19/77-3/10/78	1984 2245	70 28
3.	K-10A	10/19/77-3/9/78	1987	144
4.	K-8B	5/20/78-10/3/78	3174	30
5	K-6B	5/20/78-10/5/78	. 1676	72
6.	K-12A	10/24/77-3/8/78	1815 1673	18 203
7.	1 K −9A	10/19/77-3/9/78	1808	148
8.	K -10B	5/20/78-10/4/78	2512	24
9.	C-4B	PLEASE DISREGARD THIS FILE		
10.	K-13B	5/21/78-10/7/78	3289 3178	111 28



Please notify me as soon as you have read the tape. If you have any problems or questions, call me at 399-7450 (FTS). Thank you.

cc: Glen Cannon Sid Stillwaugh

DATE:
TO:
FROM:
SUBJECT: Error Correction in Processing of Data Set - Accession # 80-0038
1) File Type: 015
2) Project Ident.: OCSERP
3) Track Nos.: 7R5434-5445
I. Error Corrections as reported to Principal Investigator:
·
Error Correction Completed (Check)
Encl.
5u- u 4
·
II. Additional error corrections:
Error Correction Completed (Check)
/. RACKS 5439 My Emperature V Conductivity values reported as yes (c) were deleted.
reported as zero (e) were deleted.
•
\mathcal{M}_{\bullet} \mathcal{M}_{\bullet}
III. Processor Name: Mary K Jawas
· / /

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

ACCESSION/TRACK NO.: 80-0038 TR5434 - 5445

YPE OF	TAPE	330	7R3434	0110	 -		
TAPE	NUMBER	LABEL	LRECL	BLKSIZE	RECFM	REMARKS	# RECORDS
ORIGINATOR	SW2F20 (C4082)	NL	60	4800	FB	·	80,167
DUPLICATE	008909	SL	60	4800	FB		80,167
REFORMATTED							
FIRST USER					·		
FINAL USER		N.					
DISK FILE	DSN					REMARKS	# RECORDS
WORK	D15773:	* FO15. TI	85434A				33,852
DISK FILE	D 15773	*F015.	R5439				33,852 6,623 39,697
	D 15173	* FO15. 1	R5440				39,697
EDITED DISK FILE							
	1		1				<u> </u>

•					-	
P	20	CT.	-	•	~	

accNo	fleA	refNo	proj	inst	ship	startDate	cruise	catId
8000038	F015	TR5434	0081	313F	317F	1977/10/18	K6A	311393
8000038	F015	TR5435	0081	313F	317F	1977/10/19	K7A	311394
8000038	F015	TR5436	0081	313F	317F	1977/10/19	K7A	311395
8000038	F015	TR5437	0081	313F	317F	1977/10/19	K10A	311396
8000038	F015	TR5438	0081	313F	317F	1978/05/21	K8B	311397
8000038	F015	TR5439	0081	313F	317F	1978/05/20	K6B	311398
8000038	F015	TR5440	0081	313F	317F	1977/10/24	K12A	311399
8000038	F015	TR5441	0081	313F	317F	1977/10/24	K12A	311400
8000038	F015	TR5442	0081	313F	317F	1977/10/19	K9A	311401
8000038	F015	TR5443	0081	313F	317F	1978/05/21	K10B	311402
8000038	F015	TR5444	0081	313F	317F	1978/05/22	K13B	311403
8000038	F015	TR5445	0081	313F	317F	1978/05/22	K13B	311404

(12 rows affected)

Password: accNo	-	refNo	ship	staCnt	recCnt	startDate	endDate
8000038	F015	TR5434	217F	6	6824	77/10/18	78/03/10
						• • •	• •
8000038	LOTO	TR5435	31/F	ь	6850	77/10/19	78/03/10
8000038	F015	TR5436	317F	6	6850	77/10/19	78/03/10
8000038	F015	TR5437	317F	6	6794	77/10/19	78/03/09
8000038	F015	TR5438	317F	6	6534	78/05/21	78/10/04
8000038	F015	TR5439	317F	6	6623	78/05/20	78/10/05
8000038	F015	TR5440	317F	6	6508	77/10/24	78/03/08
8000038	F015	TR5441	317F	6	6508	77/10/24	78/03/08
8000038	F015	TR5442	317F	6	6799	77/10/19	78/03/09
8000038	F015	TR5443	317F	6	6561	78/05/21	78/10/04
8000038	F015	TR5444	317F	6	6658	78/05/22	78/10/08
8000038	F015	TR5445	317F	6	6658	78/05/22	78/10/08

(12 rows affected)