

8500128

ACCESSION
NUMBER

DATA DOCUMENTATION FORM

TT4179-PT4194
FOIS

NOAA FORM 24-13
(2-85)

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

FORM APPROVED
OMB No. 0641-0024
EXPIRES 2-29-87

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

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

A. ORIGINATOR IDENTIFICATION

THIS SECTION MUST BE COMPLETED BY DONOR FOR ALL DATA TRANSMITTALS

1. NAME AND ADDRESS OF INSTITUTION, LABORATORY, OR ACTIVITY WITH WHICH SUBMITTED DATA ARE ASSOCIATED																					
NOAA-PMEL Bin 15700 Bldg. 3 7600 Sandpoint way NE Seattle, Wa. 98115																					
2. EXPEDITION, PROJECT, OR PROGRAM DURING WHICH DATA WERE COLLECTED		3. CRUISE NUMBER(S) USED BY ORIGINATOR TO IDENTIFY DATA IN THIS SHIPMENT																			
California Bight Study		<table border="1"> <tr> <td>Cal 36 N1971</td> <td>Cal 42 N1828</td> <td>Cal 48 N2248</td> </tr> <tr> <td>Cal 37 N1988</td> <td>Cal 43 N1490</td> <td>Cal 49 N2511</td> </tr> <tr> <td>Cal 38 N2355</td> <td>Cal 44 N1452</td> <td>Cal 50 N1813</td> </tr> <tr> <td>Cal 39 N2156</td> <td>Cal 45 N2442</td> <td>Cal 51 N1809</td> </tr> <tr> <td>Cal 40 N6006</td> <td>Cal 46 N1815</td> <td></td> </tr> <tr> <td>Cal 41 N6825</td> <td>Cal 47 N3183</td> <td></td> </tr> </table>		Cal 36 N1971	Cal 42 N1828	Cal 48 N2248	Cal 37 N1988	Cal 43 N1490	Cal 49 N2511	Cal 38 N2355	Cal 44 N1452	Cal 50 N1813	Cal 39 N2156	Cal 45 N2442	Cal 51 N1809	Cal 40 N6006	Cal 46 N1815		Cal 41 N6825	Cal 47 N3183	
Cal 36 N1971	Cal 42 N1828	Cal 48 N2248																			
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Cal 39 N2156	Cal 45 N2442	Cal 51 N1809																			
Cal 40 N6006	Cal 46 N1815																				
Cal 41 N6825	Cal 47 N3183																				
4. PLATFORM NAME(S)	5. PLATFORM TYPE(S) (E.G., SHIP, BUOY, ETC.)	6. PLATFORM AND OPERATOR NATIONALITY(IES)	7. DATES																		
BS8301 BS8302 BS8303 BS8304 BS8305	Buoy	US	US																		
8. ARE DATA PROPRIETARY? <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES IF YES, WHEN CAN THEY BE RELEASED FOR GENERAL USE? YEAR MONTH		11. PLEASE DARKEN ALL MARSDEN SQUARES IN WHICH ANY DATA CONTAINED IN YOUR SUBMISSION WERE COLLECTED.																			
9. ARE DATA DECLARED NATIONAL PROGRAM (DNP)? (I.E., SHOULD THEY BE INCLUDED IN WORLD DATA CENTERS HOLDINGS FOR INTERNATIONAL EXCHANGE?) <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES <input type="checkbox"/> PART (SPECIFY BELOW)		GENERAL AREA																			
10. PERSON TO WHOM INQUIRIES CONCERNING DATA SHOULD BE ADDRESSED WITH TELEPHONE NUMBER (AND ADDRESS IF OTHER THAN IN ITEM-1) D. Pashinski 206-526-6781																					

B. SCIENTIFIC CONTENT

NAME OF DATA FIELD	REPORTING UNITS OR CODE	METHODS OF OBSERVATION AND INSTRUMENTS USED (SPECIFY TYPE AND MODEL)	ANALYTICAL METHODS (INCLUDING MODIFICATIONS) AND LABORATORY PROCEDURES	DATA PROCESSING TECHNIQUES WITH FILTERING AND AVERAGING
<p>Currents</p> <p>temperature</p> <p>salinity</p> <p>pressure</p>	<p>cm/sec</p> <p>°C</p> <p>‰</p> <p>db</p>	<p><i>Aanderaas RCM-4</i></p>	<p><i>Computed from T, C, P</i></p>	<p><i>Edited - unfiltered</i></p>

C. DATA FORMAT

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

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

Record types 2 & 4 - Sixteen data sets

<p><i>Site ID - meter - location</i></p> <p>1 Cal 36 - N1971 - BS8301</p> <p>2 Cal 37 - N1988 - BS8301</p> <p>3 Cal 38 - N2355 - BS8301</p> <p>4 Cal 39 - N2156 - BS8302</p> <p>5 Cal 40 - N6006 - BS8302</p> <p>6 Cal 41 - N6525 - BS8303</p> <p>7 Cal 42 - N1828 - BS8303</p> <p>8 Cal 43 - N1490 - BS8303</p>	<p>9 - Cal 44 - N1452 - BS8303</p> <p>10 - Cal 45 - N3442 - BS8404</p> <p>11 - Cal 46 - N1815 - BS8404</p> <p>12 - Cal 47 - N3183 - BS8404</p> <p>13 - Cal 48 - N2248 - BS8404</p> <p>14 - Cal 49 - N2511 - BS8405</p> <p>15 - Cal 50 - N1813 - BS8405</p> <p>16 - Cal 51 - N1809 - BS8405</p>
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2. GIVE BRIEF DESCRIPTION OF FILE ORGANIZATION

*One Ascii file - blocked 3600 characters/block, 60-60 character records/block
1607 blocks - 5782560 bytes.*

3. ATTRIBUTES AS EXPRESSED IN

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

4. RESPONSIBLE COMPUTER SPECIALIST:

NAME AND PHONE NUMBER D. Pashinski
ADDRESS NOAA-PMEL

COMPLETE THIS SECTION IF DATA ARE ON MAGNETIC TAPE

<p>5. RECORDING MODE</p> <table style="width: 100%;"> <tr> <td><input type="checkbox"/> BCD</td> <td><input type="checkbox"/> BINARY</td> </tr> <tr> <td><input checked="" type="checkbox"/> ASCII</td> <td><input type="checkbox"/> EBCDIC</td> </tr> <tr> <td colspan="2"><input type="checkbox"/> _____</td> </tr> </table>	<input type="checkbox"/> BCD	<input type="checkbox"/> BINARY	<input checked="" type="checkbox"/> ASCII	<input type="checkbox"/> EBCDIC	<input type="checkbox"/> _____		<p>9. LENGTH OF INTER-RECORD GAP (IF KNOWN) <input type="checkbox"/> 3/4 INCH <input type="checkbox"/> _____</p>		
<input type="checkbox"/> BCD	<input type="checkbox"/> BINARY								
<input checked="" type="checkbox"/> ASCII	<input type="checkbox"/> EBCDIC								
<input type="checkbox"/> _____									
<p>6. NUMBER OF TRACKS (CHANNELS)</p> <table style="width: 100%;"> <tr> <td><input type="checkbox"/> SEVEN</td> </tr> <tr> <td><input checked="" type="checkbox"/> NINE</td> </tr> <tr> <td><input type="checkbox"/> _____</td> </tr> </table>	<input type="checkbox"/> SEVEN	<input checked="" type="checkbox"/> NINE	<input type="checkbox"/> _____	<p>10. END OF FILE MARK</p> <table style="width: 100%;"> <tr> <td><input type="checkbox"/> OCTAL 17</td> </tr> <tr> <td><input checked="" type="checkbox"/> _____</td> </tr> </table>	<input type="checkbox"/> OCTAL 17	<input checked="" type="checkbox"/> _____			
<input type="checkbox"/> SEVEN									
<input checked="" type="checkbox"/> NINE									
<input type="checkbox"/> _____									
<input type="checkbox"/> OCTAL 17									
<input checked="" type="checkbox"/> _____									
<p>7. PARITY</p> <table style="width: 100%;"> <tr> <td><input type="checkbox"/> ODD</td> </tr> <tr> <td><input type="checkbox"/> EVEN</td> </tr> </table>	<input type="checkbox"/> ODD	<input type="checkbox"/> EVEN	<p>11. PASTE-ON-PAPER LABEL DESCRIPTION (INCLUDE ORIGINATOR NAME AND SOME LAY SPECIFICATIONS OF DATA TYPE, VOLUME NUMBER)</p> <p style="text-align: center;"><u>CBS NODC CUR</u></p> <p style="text-align: center;"><u>NOAA-PMEL-392-6781</u></p> <p><i>NODC file type 015 current meter data 9 track, unlabelled 1600 bpi - ASCII Blk 3600 Rec. 60</i></p>						
<input type="checkbox"/> ODD									
<input type="checkbox"/> EVEN									
<p>8. DENSITY</p> <table style="width: 100%;"> <tr> <td><input type="checkbox"/> 200 BPI</td> <td><input checked="" type="checkbox"/> 1600 BPI</td> </tr> <tr> <td><input type="checkbox"/> 556 BPI</td> <td></td> </tr> <tr> <td><input type="checkbox"/> 800 BPI</td> <td></td> </tr> <tr> <td colspan="2"><input type="checkbox"/> _____</td> </tr> </table>	<input type="checkbox"/> 200 BPI	<input checked="" type="checkbox"/> 1600 BPI	<input type="checkbox"/> 556 BPI		<input type="checkbox"/> 800 BPI		<input type="checkbox"/> _____		<p>12. PHYSICAL BLOCK LENGTH IN BYTES</p> <p style="text-align: center;"><u>3600</u></p>
<input type="checkbox"/> 200 BPI	<input checked="" type="checkbox"/> 1600 BPI								
<input type="checkbox"/> 556 BPI									
<input type="checkbox"/> 800 BPI									
<input type="checkbox"/> _____									
	<p>13. LENGTH OF BYTES IN BITS</p> <p style="text-align: center;"><u>8</u></p>								

PARAMETER	DESCRIPTION	SC
TEXT RECORD	ALWAYS '1'	10
METER NUMBER	FIVE-CHARACTER FIELD ASSIGNED BY THE ORIGINATOR - ALSO INCLUDED ON RECORD TYPES 2 AND 3	11
TEXT	THIRTY-EIGHT CHARACTER FIELD FOR COMMENTS OR PERTINENT INFORMATION	16
BLANK		54
SEQUENCE NUMBER	XXXXXX - USED FOR SORTING TEXT INFORMATION	55
MASTER RECORD	ALWAYS '2'	10
METER NUMBER	SEE RECORD '1'	11
LATITUDE	DDMM:XX PLUS HEMISPHERE 'N' OR 'S' - MINUTES TO HUNDREDTHS	16
LONGITUDE	DDDMM:XX PLUS HEMISPHERE 'E' OR 'W' - MINUTES TO HUNDREDTHS	23
DEPTH OF BOTTOM	XXXXX (WHOLE METERS)	31
DEPTH OF CURRENT METER	XXXXX (METERS TO TENTHS)	36
METER USAGE SEQUENCE NUMBER	XXX - USED FOR INDICATING NUMBER OF TIMES METER HAS BEEN USED	41
INSTITUTION	TWO-CHARACTER NODC INSTITUTION CODE - USE CODE 0218	44
AXIS ROTATION	XXX - DEGREES CLOCKWISE FROM TRUE NORTH OF V AXIS - VALUES SHOULD BE 0 WHEN FINAL PROCESSED TO PROVIDE TRUE DIRECTION INFORMATION	46
LOCATION NAME	SIX-CHARACTER NAME DETERMINED BY ORIGINATOR	49
NUMBER OF DETAIL RECORDS	XXXXXX - USED TO INDICATE NUMBER OF DETAIL RECORDS (3) TO FOLLOW THE MASTER RECORD (2)	55
DETAIL RECORD 1	ALWAYS '3'	10
METER NUMBER	SEE RECORD '1'	11
DATE (GMT)	YYMMDD	16
TIME (GMT)	XXXXXX (HOURS, MINUTES TO HUNDREDTHS)	22
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	28

015/PG 2

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	34
TEMPERATURE	XXXXX WITH NEGATIVE TEMPERATURES PRECEDED BY MINUS SIGN (DEG C TO THOUSANDTHS)	40
PRESSURE	XXXXX (DECIBARS TO TENTHS)	45
CONDUCTIVITY	XXXXX - MMHOS/CM TO HUNDREDTHS	50
BLANK		54
SEQUENCE NUMBER	XXXXXX - USED FOR SORTING DATA RECORDS ORIGINATOR	55
DETAIL RECORD 2	ALWAYS '4'	10
METER NUMBER	SEE RECORD '1'	11
DATE (GMT)	YYMMDD	16
TIME (GMT)	XXXXXX (HOURS, MINUTES TO HUNDREDTHS)	22
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	28
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	34
TEMPERATURE	XXXXX WITH NEGATIVE TEMPERATURES PRECEDED BY MINUS SIGN (DEG C TO THOUSANDTHS)	40
PRESSURE	XXXXX (DECIBARS TO TENTHS)	45
SALINITY	XXXXX PARTS PER THOUSAND TO THOUSANDTHS	50
SEQUENCE NUMBER	XXXXXX - USED FOR SORTING DATA RECORDS	55

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 ("✓") the appropriate spaces. Add the interval time (i.e., 3 months, 6 months, 9 months, etc.) if the fixed interval calibration cycle is checked.

INSTRUMENT TYPE (MFR., MODEL NO.)	DATE OF LAST CALIBRATION	INSTRUMENT WAS CALIBRATED BY		CHECK ONE: INSTRUMENT IS CALIBRATED					INSTRUMENT IS NOT CALI- BRATED (✓)
		YOUR ORGANIZATION (✓)	OTHER ORGANIZATION (GIVE NAME)	AT FIXED INTERVALS (✓)	BEFORE OR AFTER USE (✓)	BEFORE AND AFTER USE (✓)	ONLY AFTER REPAIR (✓)	ONLY WHEN NEW (✓)	
<i>Oanderaa RCM-4 A11</i>	—		<i>NRCC</i>	<i>1 year</i>					

HELMINSKI

634-7441

DATE SUBMITTED 6/12/85

DATE DUE

BIR # 33

APPARATUS TO BE USED AND FUNCTION TO BE PERFORMED

FOIS MAKE SL COPY. RUN SCAN AND PRINT 3 PAGES OF RECORDS

85NODC171-01

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

TAPE/DISKETTE INFORMATION

	TAPE #/ DISKETTE	SLOT #	TRK	DENSITY	PARITY	LABEL TYPE	RECORD TYPE	RECORD LENGTH	MAX. BLOCK SIZE	# OF FILE	
INPUT	P0287		9	1600	ODD	NL	FB	60	3600	1	
	SECTOR SIZE	EXCHANGE TYPE	CODE: <u>ASCII</u> EBCDIC BCD SDF OTHER(SPECIFY)				DATA SET NAME				PURGE DATE
	TAPE #/ DISKETTE	SLOT #	TRK	DENSITY	PARITY	LABEL TYPE	RECORD TYPE	RECORD LENGTH	MAX. BLOCK SIZE	# OF FILE	
	SECTOR SIZE	EXCHANGE TYPE	CODE: ASCII EBCDIC BCD SDF OTHER(SPECIFY)				DATA SET NAME				PURGE DATE
OUTPUT	WD9715		9	1600	ODD	SL	FB	60	3600	3	
	SECTOR SIZE	EXCHANGE TYPE	CODE: <u>ASCII</u> EBCDIC BCD SDF OTHER(SPECIFY)				DATA SET NAME DNODC * 85NOD171-01				PURGE DATE
	TAPE #/ DISKETTE	SLOT #	TRK	DENSITY	PARITY	LABEL TYPE	RECORD TYPE	RECORD LENGTH	MAX. BLOCK SIZE	# OF FILE	
	SECTOR SIZE	EXCHANGE TYPE	CODE: ASCII EBCDIC BCD SDF OTHER(SPECIFY)				DATA SET NAME				PURGE DATE

SPECIAL INSTRUCTIONS

ESTIMATED EXECUTION TIME

731 USE ONLY

DB #	DATE JOB COMPLETED	START TIME	END TIME	PRIORITY	DEVICES USED, NUMBER OF TAPE MOUNTS, LINES PRINTED, DISKETTES USED, CARDS PUNCHED, CARDS KEYVERIFIED
00706/206	6/13/85			C	MTA0 - MTA1 - 2 mounts

Completed by E. G. Mason

HALMINSKI

634-7441

DATE SUBMITTED 6/11/85

DATE DUE

BIR 33

EQUIPMENT TO BE USED AND FUNCTION TO BE PERFORMED

F015 SCAN AND PRINT 2 PAGES OF RECORDS

85 NODC 171-01

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

	TAPE #/ DISKETTE	SLOT #	TRK	DENSITY	PARITY	LABEL TYPE	RECORD TYPE	RECORD LENGTH	MAX. BLOCK SIZE	# FIL
INPUT	P0287		9	1600	ODD	NK	FB	60	3600	1
	SECTOR SIZE	EXCHANGE TYPE	CODE: ASCII EBCDIC BCD SDF OTHER(SPECIFY)			DATA SET NAME				PUR DAT
	TAPE #/ DISKETTE	SLOT #	TRK	DENSITY	PARITY	LABEL TYPE	RECORD TYPE	RECORD LENGTH	MAX. BLOCK SIZE	# FIL
	SECTOR SIZE	EXCHANGE TYPE	CODE: ASCII EBCDIC BCD SDF OTHER(SPECIFY)			DATA SET NAME				PUR DAT
OUTPUT	TAPE #/ DISKETTE	SLOT #	TRK	DENSITY	PARITY	LABEL TYPE	RECORD TYPE	RECORD LENGTH	MAX. BLOCK SIZE	# FIL
	SECTOR SIZE	EXCHANGE TYPE	CODE: ASCII EBCDIC BCD SDF OTHER(SPECIFY)			DATA SET NAME				PUR DAT

SPECIAL INSTRUCTIONS

ESTIMATED EXECUTION TIME

D731 USE ONLY

JOB #	DATE JOB COMPLETED	START TIME	END TIME	PRIORITY	DEVICES USED, NUMBER OF TAPE MOUNTS, LINES PRINTED, DISKETTES USED, CARDS PUNCHED, CARDS KEYVERIFIED
5061112	6/11/85			C	MTAO - 1 mount

COMMENTS

Completed by E. G. Mason

85NOXC 171-02

F022/C022

ACCESSION NUMBER

8500128

DATA DOCUMENTATION FORM TT 4178 REF 31957

NOAA FORM 26-13 (2-85)

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

FORM APPROVED OMB No. 0645-0024 EXPIRES 2/25/87

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1. NAME AND ADDRESS OF INSTITUTION, LABORATORY, OR ACTIVITY WITH WHICH SUBMITTED DATA ARE ASSOCIATED NOAA-PMEL Bin 15700 Bldg. 3 7600 Sandpoint way NE Seattle, Wa. 98115				
2. EXPEDITION, PROJECT, OR PROGRAM DURING WHICH DATA WERE COLLECTED California Bight Study		3. CRUISE NUMBER(S) USED BY ORIGINATOR TO IDENTIFY DATA IN THIS SHIPMENT File ID = AR83CA Cruise = CBS		
4. PLATFORM NAME(S) NOAA Ship McARTHUR	5. PLATFORM TYPE(S) (E.G., SHIP, BUOY, ETC.) Ship	6. PLATFORM AND OPERATOR NATIONALITY(IES)		7. DATES
		PLATFORM	OPERATOR	FROM: MC/DAY/YR TO: MC/DAY/YR
		US	US	10/5/83 10/7/83
8. ARE DATA PROPRIETARY? <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES IF YES, WHEN CAN THEY BE RELEASED FOR GENERAL USE? YEAR _____ MONTH _____		11. PLEASE DARKEN ALL MARSDEN SQUARES IN WHICH ANY DATA CONTAINED IN YOUR SUBMISSION WERE COLLECTED. GENERAL AREA		
9. ARE DATA DECLARED NATIONAL PROGRAM (DNP)? (I.E., SHOULD THEY BE INCLUDED IN WORLD DATA CENTERS HOLDINGS FOR INTERNATIONAL EXCHANGE?) <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES <input type="checkbox"/> PART (SPECIFY BELOW)				
10. PERSON TO WHOM INQUIRIES CONCERNING DATA SHOULD BE ADDRESSED WITH TELEPHONE NUMBER (AND ADDRESS IF OTHER THAN IN ITEM-1) D. Pashinski 205-526-6781				

B. SCIENTIFIC CONTENT

NAME OF DATA FIELD	REPORTING UNITS OR CODE	METHODS OF OBSERVATION AND INSTRUMENTS USED (SPECIFY TYPE AND MODEL)	ANALYTICAL METHODS (INCLUDING MODIFICATIONS) AND LABORATORY PROCEDURES	DATA PROCESSING TECHNIQUES WITH FILTERING AND AVERAGING
Pressure Temperature Salinity	decibars °C ‰	Plessey 9041 CTD	NA	Values averaged over 1 decibar levels.

C. DATA FORMAT

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

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

Record types 2 & 6 column 10 of each record.
120 byte records blocked 30 records / block

2. GIVE BRIEF DESCRIPTION OF FILE ORGANIZATION

One ascii file containing 27 CTD casts

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

4. RESPONSIBLE COMPUTER SPECIALIST:

NAME AND PHONE NUMBER Pashinski 392-6781
ADDRESS NOAA-PMEL 7600 Sandpoint Way NE Seattle.

COMPLETE THIS SECTION IF DATA ARE ON MAGNETIC TAPE

5. RECORDING MODE <input type="checkbox"/> BCD <input type="checkbox"/> BINARY <input checked="" type="checkbox"/> ASCII <input type="checkbox"/> EBCDIC <input type="checkbox"/> _____	9. LENGTH OF INTER-RECORD GAP (IF KNOWN) <input type="checkbox"/> 3/4 INCH <input type="checkbox"/> _____
6. NUMBER OF TRACKS (CHANNELS) <input type="checkbox"/> SEVEN <input checked="" type="checkbox"/> NINE <input type="checkbox"/> _____	10. END OF FILE MARK <input type="checkbox"/> OCTAL 17 <input checked="" type="checkbox"/> <u>ascii (19) decimal</u>
7. PARITY <input type="checkbox"/> ODD <input type="checkbox"/> EVEN	11. PASTE-ON-PAPER LABEL DESCRIPTION (INCLUDE ORIGINATOR NAME AND SOME LAY SPECIFICATIONS OF DATA TYPE, VOLUME NUMBER) <u>CBS STD NODC</u> <u>NOAA-PMEL-392-6781</u>
8. DENSITY <input type="checkbox"/> 200 BPI <input checked="" type="checkbox"/> 1600 BPI <input type="checkbox"/> 556 BPI <input type="checkbox"/> 800 BPI <input type="checkbox"/> _____	File type <u>02</u> - CTD data record type <u>2-6</u> - 1 file, 27 casts <u>120 char/rec 30 rec/block</u> 1983
	12. PHYSICAL BLOCK LENGTH IN BYTES <u>3600</u>
	13. LENGTH OF BYTES IN BITS <u>8</u>

PARAMETER	DESCRIPTION	SC
TEXT RECORD	ALWAYS '1'	10
CAST NUMBER	FIVE-CHARACTER FIELD ASSIGNED BY THE ORIGINATOR - ALSO INCLUDED ON RECORD TYPES 2, 3 AND 4	11
TEXT	100-CHARACTER FIELD - USED FOR COMMENTS OR PERTINENT INFORMATION	16
SEQUENCE NUMBER	XXXXX - USED FOR SORTING TEXT RECORDS	116
MASTER RECORD	ALWAYS '2'	10
CAST NUMBER	SEE RECORD '1'	11
LATITUDE	DDMMXX PLUS HEMISPHERE 'N' OR 'S' - MINUTES TO HUNDREDTHS	16
LONGITUDE	DDMMXX PLUS HEMISPHERE 'E' OR 'W' - MINUTES TO HUNDREDTHS	23
CRUISE IDENTIFICATION	TEN-CHARACTER FIELD ASSIGNED BY THE ORIGINATOR	31
NUMBER OF SCANS	XXXXX - USED TO INDICATE NUMBER OF SCANS PER STATION (FIVE/RECORD)	41
DATE (GMT)	YYMMDD	46
TIME (GMT)	XXXX (HOURS AND MINUTES)	52
DEPTH INTERVAL INDICATOR	ONE-DIGIT CODE - USE CODE 0000	56
DEPTH INTERVAL	XXX - WHEN INDICATOR CODE=1 (EQUAL SPACED DEPTHS) - (METERS TO TENTHS)	57
BAROMETRIC PRESSURE	XXXXX (MILLIBARS TO TENTHS)	60
WET BULB TEMPERATURE	XXXX (DEG CENTIGRADE TO TENTHS)	65
DRY BULB TEMPERATURE	XXXX (DEG CENTIGRADE TO TENTHS)	69
WIND DIRECTION	XX - TWO-DIGIT CODE - WMO 885/887 - DIRECTION FROM - USE CODE 0110	73
WIND SPEED	XX (WHOLE KNOTS)	75
WEATHER	ONE-DIGIT CODE - WMO 4501 - USE CODE 0108	77
SEA STATE	ONE-DIGIT CODE - WMO 3700 - USE CODE 0109	78
VISIBILITY	ONE-DIGIT CODE - WMO 4300 - USE CODE 0157	79
CLOUD TYPE	ONE-DIGIT CODE - WMO 0500 - USE CODE 0053	80
CLOUD AMOUNT	ONE-DIGIT CODE - WMO 2700 - USE CODE 0105	81
INSTRUMENT INFORMATION	TWENTY-CHARACTER FIELD FOR TYPE OF INSTRUMENT, SERIAL NUMBER, ETC	82
LOCATION NAME	SIX-CHARACTER NAME DETERMINED BY THE ORIGINATOR	102
DEPTH TO BOTTOM	XXXXX (WHOLE METERS)	108
MAXIMUM DEPTH OF CAST	XXXX (WHOLE METERS)	113
BLANKS		117

DETAIL RECORD 1		
CAST NUMBER	ALWAYS '3'	10
DEPTH*	SEE RECORD '1'	11
TEMPERATURE*	XXXXX (METERS TO TENTHS)	16
SALINITY*	XXXXX (DEG CENTIGRADE TO THOUSANDTHS)	21
	XXXXX - PARTS PER THOUSAND TO THOUSANDTHS	26
SIGMA-T*	XXXX - TO HUNDREDTHS	31
SCAN CONDITION*	ONE-CHARACTER CODE INDICATING METHOD OF SCANNING DATA - USE CODE 0030	35
*THESE FIELDS REPEATED 4 TIMES ON THIS RECORD STARTING IN COLS 36, 56, 76 AND 96		
SEQUENCE NUMBER	XXXXX - USED FOR SORTING DATA RECORDS	116
DETAIL RECORD 2		
CAST NUMBER	ALWAYS '4'	10
DEPTH*	SEE RECORD '1'	11
DISSOLVED OXYGEN*	XXXXX (METERS TO TENTHS)	16
TRANSMISSIVITY*	XXXXX - ML/L TO THOUSANDTHS	21
BLANKS*	XXXXX (PERCENT TO THOUSANDTHS)	26
SCAN CONDITION*	ONE-CHARACTER CODE INDICATING METHOD OF SCANNING DATA - USE CODE 0050	35
*THESE FIELDS REPEATED 4 TIMES ON THIS RECORD STARTING IN COLS 36, 56, 76 AND 96		
SEQUENCE NUMBER	XXXXX - USED FOR SORTING DATA RECORDS	116
DETAIL RECORD 3		
CAST NUMBER	ALWAYS '5'	10
DEPTH*	SEE RECORD '1'	11
TEMPERATURE*	XXXXX (METERS TO TENTHS)	16
CONDUCTIVITY*	XXXXX (DEG CENTIGRADE TO THOUSANDTHS)	21
BLANKS	XXXXX (MMHO/CM TO THOUSANDTHS)	26
SCAN CONDITION*	ONE-CHARACTER CODE INDICATING METHOD OF SCANNING DATA - USE CODE 0080	35
*THESE FIELDS REPEATED 4 TIMES ON THIS RECORD STARTING IN COLS 36, 56, 76 AND 96		
SEQUENCE NUMBER	XXXXX - USED FOR SORTING DATA RECORDS	116

<u>Field Name</u>	<u>Bytes</u>	<u>Units</u>
File Type	1-3	"022"
File Identifier	4-9	
Record Type	10	Always '6'
Cast Number	11-15	NODC Station No.
Pressure	16-20	Decibars to tenths —
Temperature	21-25	°C to thousandths —
Salinity	26-30	% to thousandths —
Sigma-T	31-34	To hundredths —
Scan Condition Code	35	Code describing how data arrived at
Scan Data	36-115	Repetition of above
Sequence Number	4(20) or 4(315,14,A1) 116-120	Ascending numeric
File Type	1-3	"022"
File Identifier	4-9	
Record Type	10	Always '7'
Cast Number	11-15	NODC Station No.
Pressure	16-20	Decibars to tenths
Temperature	21-25	°C to thousandths
Conductivity	26-30	MMHO/cm to hundredths
Blank	31-34	
Scan Condition Code	35	Code describing how data arrived at
Scan Data	36-115	Repetition of above
Sequence Number	4(20) or 4(315,4x,A1) 116-120	Ascending numeric



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 ("✓") the appropriate spaces. Add the interval time (i.e., 3 months, 6 months, 9 months, etc.) if the fixed interval calibration cycle is checked.

INSTRUMENT TYPE (MFR., MODEL NO.)	DATE OF LAST CALIBRATION	INSTRUMENT WAS CALIBRATED BY		CHECK ONE: INSTRUMENT IS CALIBRATED					INSTRUMENT IS NOT CALI- BRATED (✓)
		YOUR ORGANIZATION (✓)	OTHER ORGANIZATION (GIVE NAME)	AT FIXED INTERVALS (✓)	BEFORE OR AFTER USE (✓)	BEFORE AND AFTER USE (✓)	ONLY AFTER REPAIR (✓)	ONLY WHEN NEW (✓)	
Plessey 9041 CTD			NRCC	1 year					
1									

TRANSMITTAL AND RECEIPT RECORD

(Please sign and return carbon copy acknowledging receipt)

TO: NOAA/NESDIS/NODC,
2001 Wisconsin Ave. NW
Washington, DC 20235

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

THE ITEM(S) LISTED BELOW WERE FORWARDED TO YOU BY
 ORDINARY MAIL REGISTERED MAIL AIR MAIL CERTIFIED MAIL GOVERNMENT TRUCK BY HAND OTHER
 cert. no. 523119

Enclosed, find two (2) magnetic data tapes, one CTD data and one current meter data tape and associated documentation as received from Mr. David Pashinski, NOAA/PMEL.

Tape specs.

*ACC # 8500128
TT 4178 F022
REF 319517 C022*

CTD tape - California Bight Study, 27 CTDcasts, 1 file. . 9 track, ASCII, odd parity, 120 char./rec. in FT 022 format. 1600 bpi

*ACC # 8500128
TT 4179 - TT 4194 F015*

current meter tape = California Bight Study, 16 data sets, 1 file, 9 track, ASCII, oddparity, 1600 bpi, 60 char. recs., in FT 015 format.

CC: Mr. David Pashinski, PMEL

FORWARDED BY (Signature) <i>Sid Stillwaugh</i> Sid Stillwaugh	TITLE NODC Liaison Office, Seattle	DATE FORWARDED
RECEIVED BY (Signature) <i>Lamar Bennett</i> Lamar Bennett	TITLE Technician, E/OC13	DATE RECEIVED 06-07-85

85 NODC 171

Error Correction Documentation Form,

DATE:

TO:

FROM:

85NODC176-01

SUBJECT: Error Correction in Processing of Data Set - Accession # 8500128

- 1) File Type: 015
- 2) Project Ident.: CALIFORNIA BIGHT
- 3) Track Nos.: TT4179 - TT4194

I. Error Corrections as reported to Principal Investigator:

Error

Correction Completed (Check)

DU this only
85-05

II. Additional error corrections:

Error

Correction Completed (Check)

MOVED LAT & LONG 1 COL LEFT, FILLED BLANKS WITH N & W
THROUGHOUT. ^{HEMIS}

III. Processor Name: C. Sedwick

Step	Completion Date/Init.		Tape # or DSN	# of Files	BLKSIZE	LRECL	# RECORDS
ORIGINATOR TAPE	4/11/85	U	P0287	1	3600	60	96376
QUADI/SCAN TAPE							
ASSIGNED FOR PROCESS.	7/2/85	U	W09715	3	3600	60	96376
DDF EVALUATION							
QUALITY REVIEW							
PRELIMINARY DATA SORT							
PRELIMINARY MULCHEK	7/29/85	CBJ	SELDATA. FOI5TT4179	1		60	96173
FIRST USER TAPE			FOI5TT4188 FOI5TT4189				
WORK DISK FILE	7/29/85		"	1			
FINAL USER TAPE							
FINAL MULCHEK	8/1/85		"	1			
EDITED DISK FILE	8/2/85		MPD75.TT 4179/R015	1			
DATA SET "FINALIZED"	8/2/85	CBJ	"	1		60	96173

TAPE OR DISK ASSIGNMENT SHEET
(MRL) 11/6/78
(Rev. 11/30)

85NODC 174-01

OFFICE ON/TRACK NO.: 8500128

TT4179 - TT4194

TYPE OF TAPE	TAPE NUMBER	LABEL	LRECL	BLKSIZE	RECFM	REMARKS	# RECORDS
ORIGINATOR	P0297	NL	60	3600	FB		96,376
DUPLICATE	W09715	SL	60	3600	FB	DSN 85NODC 85NOD174-01	96,376
REFORMATTED							
FIRST USER							
FINAL USER							
DISK FILE	DSN					REMARKS	# RECORDS
WORK DISK FILE	SL2 DATA. FO15 TT 4179 4189 4189	SL	60				96173
EDITED DISK FILE	MPD-75. TT4179 /FO15	SL	60				96173

DATE:

85 NCP 171-02

TO:

FROM:

SUBJECT: Error Correction in Processing of Data Set - Accession # 8500128

- 1) File Type: F022/C622
- 2) Project Ident.: CALIFORNIA BIGHT
- 3) Track Nos.: REF 319517 (TT 4178)

I. Error Corrections as reported to Principal Investigator:

Error

Correction Completed (Check)

II. Additional error corrections:

Error

Correction Completed (Check)

III. Processor Name: _____

8560128

NAHSEN REF. #

319577

MULDARS TRACK #

TT 4178

MONITOR: CONTACT

Gerald W. Damon

LOCATION OF F022 SOURCE

Archives (TT 4178)

RECORD ALL ERRORS FOUND

CONSEC(S).

11

ERRORS FOUND

Quest. salinity: 17.8 m; instability: (23)

None

Password:

accNo	flea	refNo	proj	inst	ship	startDate	cruise	catId
8500128	F015	TT4179	9999	313F	317F	1983/10/05	CAL36	153205
8500128	F015	TT4180	9999	313F	317F	1983/10/05	CAL37	153206
8500128	F015	TT4181	9999	313F	317F	1983/10/05	CAL38	153207
8500128	F015	TT4182	9999	313F	317F	1983/10/04	CAL39	153208
8500128	F015	TT4183	9999	313F	317F	1983/10/04	CAL40	153209
8500128	F015	TT4184	9999	313F	317F	1983/10/05	CAL41	153210
8500128	F015	TT4185	9999	313F	317F	1983/10/05	CAL42	153211
8500128	F015	TT4186	9999	313F	317F	1983/10/05	CAL43	153212
8500128	F015	TT4187	9999	313F	317F	1983/10/05	CAL44	153213
8500128	F015	TT4188	9999	313F	317F	1983/10/04	CAL45	153214
8500128	F015	TT4189	9999	313F	317F	1983/10/04	CAL46	153215
8500128	F015	TT4190	9999	313F	317F	1983/10/04	CAL47	153216
8500128	F015	TT4191	9999	313F	317F	1983/10/04	CAL48	153217
8500128	F015	TT4192	9999	313F	317F	1983/10/04	CAL49	153218
8500128	F015	TT4193	9999	313F	317F	1983/10/04	CAL50	153219
8500128	F015	TT4194	9999	313F	317F	1983/10/04	CAL51	153220
8500128	F022	TT4178	9999	313F	31M4	1983/10/05	CBS	153203
8500128	C022	319517	9999	313F	31M4	1983/10/05	TT4178	153204

(18 rows affected)

Password:

accNo	fleA	refNo	ship	staCnt	recCnt	startDate	endDate
8500128	F015	TT4179	317F	5	6000	83/10/05	84/02/01
8500128	F015	TT4180	317F	5	5999	83/10/05	84/02/01
8500128	F015	TT4181	317F	5	6000	83/10/05	84/02/01
8500128	F015	TT4182	317F	5	6005	83/10/04	84/02/01
8500128	F015	TT4183	317F	5	6005	83/10/04	84/02/01
8500128	F015	TT4184	317F	5	5997	83/10/05	84/02/01
8500128	F015	TT4185	317F	5	5997	83/10/05	84/02/01
8500128	F015	TT4186	317F	5	5996	83/10/05	84/02/01
8500128	F015	TT4187	317F	5	5993	83/10/05	84/02/01
8500128	F015	TT4188	317F	5	6047	83/10/04	84/02/01
8500128	F015	TT4189	317F	5	6047	83/10/04	84/02/01
8500128	F015	TT4190	317F	5	6047	83/10/04	84/02/01
8500128	F015	TT4191	317F	5	6046	83/10/04	84/02/01
8500128	F015	TT4192	317F	5	5998	83/10/04	84/02/01
8500128	F015	TT4193	317F	5	5998	83/10/04	84/02/01
8500128	F015	TT4194	317F	5	5998	83/10/04	84/02/01
8500128	F022	TT4178	31M4	27	2235	83/10/05	83/10/07
8500128	C022	319517	31M4	27	31	83/10/05	83/10/07

(18 rows affected)