

82NODC 252

8300052

ACCESSION NUMBER

RU 289

DATA DOCUMENTATION FORM

TR9945-TR9949

NOAA FORM 24-13 (4-72)

U.S. DEPARTMENT OF COMMERCE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION NATIONAL OCEANOGRAPHIC DATA CENTER RECORDS SECTION ROCKVILLE, MARYLAND 20882

FORM APPROVED O.M.B. No. 41-R251

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

A. ORIGINATOR IDENTIFICATION

THIS SECTION MUST BE COMPLETED BY DONOR FOR ALL DATA TRANSMITTALS

1. NAME AND ADDRESS OF INSTITUTION, LABORATORY, OR ACTIVITY WITH WHICH SUBMITTED DATA ARE ASSOCIATED UNIVERSITY OF ALASKA INSTITUTE OF MARINE SCIENCE O'NEILL BUILDING 905 KOYUKUK AVENUE NORTH FAIRBANKS ALASKA 99701			
2. EXPEDITION, PROJECT, OR PROGRAM DURING WHICH DATA WERE COLLECTED OCS/OCSEAP		3. CRUISE NUMBER(S) USED BY ORIGINATOR TO IDENTIFY DATA IN THIS SHIPMENT HINCHENBROOK ENTRANCE-B (HE-B)	
4. PLATFORM NAME(S) N/A	5. PLATFORM TYPE(S) (E.G., SHIP, BUOY, ETC.) CURRENT METER MOORING	6. PLATFORM AND OPERATOR NATIONALITY(IES)	
		PLATFORM	OPERATOR
		7. DATES	
		FROM: MO/DAY/YR	TO: MO/DAY/YR
		USA	USA
		04/24/78	09/22/78
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 type="checkbox"/> NO <input checked="" 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) DATA MANAGEMENT C/O 907-474-7833 907-474-7836			

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>CURRENT SPEED</p> <p>DIRECTION</p> <p>TEMPERATURE</p> <p>SALINITY</p> <p>DEPTH</p>	<p>CM/SEC</p> <p>degrees T (includes declination of degrees)</p> <p>Degrees C</p> <p>0/00</p> <p>Meters</p>	<p>RCM-4 Aanderaa Current Meters</p>	<p>N/A</p>	<p>Conductivity to salinity conversion equations attached to DDF</p> <hr/> <p>Data are wild point edited only. No attempt has been made to correct S,T or D to STD casts.</p> <hr/> <p>Expect good precision. Accuracy not checked in field.</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

THREE RECORD TYPES WITHIN FILE TYPE-15

Designated by byte 10:

- "1" for Text Record
- "2" for Master Record
- "3" for Detail Record

On tape these are actually Salinity records

RT4.

2. GIVE BRIEF DESCRIPTION OF FILE ORGANIZATION

015CM0146 (7018 Records) Meter 3177/1	} FILE 1, TYPE W2497. 28057 RECS
015CM0147 (7016 Records) Meter 3126/1	
015CM0148 (7017 Records) Meter 3128/1	
015CM0149 (7006 Records) Meter 3129/1	
015CM0150 (7000 Records) Meter 3130/1	

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

4. RESPONSIBLE COMPUTER SPECIALIST:

NAME AND PHONE NUMBER DATA MANAGEMENT (907) 474-7836/474-7833
ADDRESS INSTITUTE OF MARINE SCIENCE, UNIV. OF ALASKA, FAIRBANKS, AK. 99701

COMPLETE THIS SECTION IF DATA ARE ON MAGNETIC TAPE

<p>5. RECORDING MODE</p> <p><input type="checkbox"/> BCD <input type="checkbox"/> BINARY</p> <p><input type="checkbox"/> ASCII <input checked="" type="checkbox"/> EBCDIC</p> <p><input type="checkbox"/> _____</p>	<p>9. LENGTH OF INTER-RECORD GAP (IF KNOWN) <input type="checkbox"/> 3/4 INCH <input checked="" type="checkbox"/> .5 inch</p>
<p>6. NUMBER OF TRACKS (CHANNELS)</p> <p><input type="checkbox"/> SEVEN</p> <p><input checked="" type="checkbox"/> NINE</p> <p><input type="checkbox"/> _____</p>	<p>10. END OF FILE MARK</p> <p><input type="checkbox"/> OCTAL 17</p> <p><input checked="" type="checkbox"/> octal 23</p>
<p>7. PARITY</p> <p><input checked="" type="checkbox"/> ODD</p> <p><input type="checkbox"/> EVEN</p>	<p>11. P O O</p> <p>HINCHENBROOK ENTRANCE-B 1 of 2 04/24/78 - 09/22/78....DR. ROYER^s 015CM0146, 015CM0147, 015CM0148 015CM0149</p> <p>File 1: Meter 3177/1 7018 Records File 2: Meter 3126/1 7016 Records File 3: Meter 3128/1 7017 Records File 4: Meter 3129/1 7006 Records 9TRK, 800BPI, EBCDIC, NOLABEL, ODD PARITY</p>
<p>8. DENSITY</p> <p><input type="checkbox"/> 200 BPI <input type="checkbox"/> 1600 BPI</p> <p><input type="checkbox"/> 556 BPI</p> <p><input checked="" type="checkbox"/> 800 BPI</p> <p><input type="checkbox"/> _____</p>	<p>12. PHYSICAL BLOCK LENGTH IN BYTES</p> <p>60 bytes/block 3600</p> <p>13. LENGTH OF BYTES IN BITS</p> <p>8 bits/byte</p>

See back

HINCHENBROOK ENTRANCE-B 2 of 2
04/24/78 - 09/22/78....DR. ROYER
015CM0150
File 1: Meter 3130/1 7000 Records
9TRK, 800BPI, EBCDIC, NOLABEL, ODD
PARITY

RAN OFF END .

SUBROUTINE CONDSAL(C,T,D,S)

C CONSAAL WRITTEN JAN 7,1976 BY J DRYDEN AND R SEITZ CONSAAL(R,B,T,D,S)
 C CONDSAL ADAPTED FROM CONSAAL, JUNE 1980. CALLING LIST INCLUDES C AND
 C ELIMINATES R AND B.

C PURPOSE OF THIS ROUTINE IS TO PRCVIDE CONVERSION CAPABILITY FOR IN
 C SITU CONDUCTIVITY TO SALINITY

C ALGORITHM AND EQUATIONS TAKEN FRM 'CONVERSION OF IN SITU MEASUREMENTS
 C OF CONDUCTIVITY TO SALINITY' BY A.S. BENNETT (PREPUBLICATION COPY
 C RECEIVED JAN 75 BY PRIVATE COMMUNICATION BETWEEN AUTHOR AND D NEBERT)

C USAGE CALL CONDSAL(C,T,D,S)

C C IS CONDUCTIVITY IN MMHOS

C T IS IN SITU TEMPERATURE IN DEG C

C *** NOTE THAT BOTH B AND T ARE BOTH 1968 IPTS MEASUREMENTS ***

C D IS IN SITU DEPTH IN METERS (PRESUMED EQUIVALENT TO

C PRESSURE IN DECIBARS)

C S IS CALCULATED SALINITY WHICH IS RETURNED TO CALLER IN PPT

C B IS BATH TEMPERATURE OR REFERENCE TEMPERATURE IN DEG C

C CSW IS CONDUCTIVITY OF STANDARD WATER (S=35,T=B,P=0)

C FOR NEIL BROWN, CSW=42.909

C DATA E /15.0/

C DATA CSW /42.909/

 C ENTER HERE

C P=D

C R=C/CSW

C CONVERT IN SITU RATIO TO 15 DEG C REFERENCE

C R2=B*B

C RB= 0.676518 + 2.00402E-2*B + 1.227E-4*B2 - 2.18091E-6*B*B2
 C + 6.63405E-8*B2*B2 - 9.5646E-10*B2*B2*B

C R0= RB*R

C CALCULATE AND APPLY GROSS PRESSURE CORRECTION

C T2=T*T

C F= 1.0 + 3.0786E-2*T + 3.169E-4*T2

C F= (1.60836E-5*P - 5.4845E-10*P*P + 6.166E-15*P*P*P)/F

C R0= R0/(1.0 + F)

C CALCULATE AND APPLY GROSS TEMPERATURE CORRECTION

C RT= 0.676518 + 2.00402E-2*T + 1.227E-4*T2 - 2.18091E-6*T*T2

C + 6.63405E-8*T2*T2 - 9.5646E-10*T2*T2*T

C R0= R0/RT

C CALCULATE SALINITY APPLY SECONDARY PRESS/TEMP CORRECTIONS

C R2 = R0*R0

C S = -0.08996 + 28.8567*R0 + 12.18882*R2 - 10.61869*R0*R2

C + 5.98624*R2*R2 - 1.32311*R2*R2*R0

C S = S + R0*(P0-1.0) * (0.0442*T - 4.6E-4*T2 - 0.004*R0*T

C + (1.25E-4 - 2.9E-6*T)*P)

C RETURN TO CALLER

C RETURN

C END

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RECORD FORMAT DESCRIPTION

RECORD NAME _____

14. FIELD NAME	15. POSITION FROM - 1 MEASURED IN <small>(e.g., bits, bytes)</small>	16. LENGTH		17. ATTRIBUTES	18. USE AND MEANING
		NUMBER	UNITS		
<p>FILE TYPE "15" AS DESIGNATED BY OSCEAP AND NODC. THERE ARE NO DEVIATIONS FROM THIS TYPE, EXCEPT:</p>	<p>1. col 45-49 depth in meters (15 to 1/10ths) 2. col 50-53 salinity in 0/00 (14 to 1/100ths)</p>	<p>→ 50-54</p>		<p>(FTP 015 RECU PLS PRES IN DECBARS TO 1/10)</p>	<p>25 to 1/1000ths.</p>
	<p>RT4.</p>				

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 (✓)	
AANDERAA RCM-4 3177	JANUARY 1978	NRCC		X					
AANDERAA RCM-4 3126	JANUARY 1978	NRCC		X					
AANDERAA RCM-4 3128	JANUARY 1978	NRCC		X					
AANDERAA RCM-4 3129	JANUARY 1978	NRCC		X					
AANDERAA RCM-4 3130	JANUARY 1978	NRCC		X					

PART I

2. NAME OF INSTITUTION HOLDING DATA INSTITUTE OF MARINE SCIENCE, UNIV. OF AK		CODE	3. ARCHIVE REF. NO.	4. PLATFORM NAME OR DESIGNATOR	CODE	5. CRUISE OR SURVEY PERIOD		
6. COUNTRY OF INSTITUTION HOLDING DATA U.S.A.		CODE	*7. PLATFORM TYPE (Check one)		OTHER (Specify)			
8. NAME OF PERSON TO CONTACT FOR FULL DATA PROCESSING INFO. DATA MANAGEMENT, INST. OF MARINE SCIENCE		SHIP		BUOY		AIRCRAFT		
8A. ADDRESS - STREET OR POST OFFICE BOX NUMBER UNIVERSITY OF ALASKA		<input type="checkbox"/> DRIFTING		<input checked="" type="checkbox"/> MOORED		<input type="checkbox"/> WINGED		5A. BE-GINNING
CITY FAIRBANKS		STATE ALASKA	<input type="checkbox"/> ANCHORED		<input type="checkbox"/> DRIFTING		<input type="checkbox"/> HELICOPTER	
8B. TELEPHONE		AREA CODE 907	<input type="checkbox"/> UNDERWAY		<input type="checkbox"/> ICE ISLAND		<input type="checkbox"/> FIXED STRUCTURES	
9. PROJECT OR EXPEDITION DESIGNATOR		ZIP CODE/COUNTRY 99701/USA		When applicable, record the international cooperative project or expedition designator of which survey was a part. Examples: IGOSS, CICAR, CIM, CINECA, etc. If survey was primarily a national or local cooperative endeavor, enter project or expedition designator assigned.		OCS/OCSEAP		

PART II

10. INSTRUMENT USED TO COLLECT DATA AANDERAA CURRENT METER		10A. MODEL NO RCM-4	CODE	*12. OBSERVATION TYPE (Check one)		OTHER (Specify)		14. USABLE RECORDS		
*11. INSTRUMENT TYPE (Check one)		OTHER (Specify)		<input type="checkbox"/> ONE INSTANTANEOUS RECORD		CODE		YEAR MONTH DAY		
<input checked="" type="checkbox"/> CURRENT METER		<input type="checkbox"/> NEUT. BUOY. FLOAT		<input type="checkbox"/> AVERAGE OF SEVERAL INSTANTANEOUS RECORDS				14A. BEGINNING DATE		
<input type="checkbox"/> DROGUE		<input type="checkbox"/> FREE-FALL DEVICE		<input type="checkbox"/> ANALOG RECORD				19 78 04 29		
15. TEN-DEGREE SQUARE, SUBSQUARES		13. ARE DATA PROCESSED?		13A. IF NO, WHEN PLANNED?		14B. ENDING DATE		19 78 09 21		
15A. 10°		15B. 5°		15C. 1°		<input type="checkbox"/> YES <input type="checkbox"/> NO		17. LOCATION OF CURRENT MET. OBSERV.		
18. OBSERVATION DEPTH (Meters) - Record depth at which observations were taken in "From" space. If the observation series represents a depth range (such as obtained with free-fall devices or neutral buoyancy floats) enter shallower depth in "From" space and deeper depth in "To" space.		16. ARE DATA EDITED? (Check one)		<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO		17A. BE-GINNING LATITUDE		60 18 3		
18A. FROM		18B. AT 33M		*19. DATA STORAGE MEDIUM (Check one)		OTHER (Specify)		17B. BE-GINNING LONGITUDE		
20. ANALYSIS PRODUCTS GENERATED (e.g., speed vs direction, speed vs time, progressive vector plots, etc.)		<input type="checkbox"/> PUNCHED CARDS		<input checked="" type="checkbox"/> MAG. TAPE		CODE		146 49 6		
21. ANALYSIS PRODUCTS PLANNED		<input type="checkbox"/> ANALOG RECORD		<input type="checkbox"/> PAP. TAPE				EASTERN WESTERN		

PART III (Fill out this section only if no other documentation is forwarded with form)

22. PERTINENT PUBLICATIONS (List publications containing any documentation on instrumentation data reduction and processing, data editing, and analysis relative to the data inventoried.)	
23. INSTRUMENTATION REMARKS (Specify any major modifications to manufacturer's original product, major routine manufacturing features, operation failures during data collection, or other comments helpful in data interpretation.)	24. DATA REDUCTION AND PROCESSING REMARKS (Describe briefly the time interval of individual observations of processed data, storage codes of processed data (BCD, EBCDIC, binary, etc.) and other pertinent processing factors)
25. DATA EDIT CRITERIA REMARKS (List criteria applied in editing data to the point of their use for analysis; e.g. constant errors (time or other) applied, depth corrections, interpolations, purging of undesirable frequencies, etc.)	26. GENERAL REMARKS (Enter any other comments useful in interpretation and use of data reported)

PART I

2. NAME OF INSTITUTION HOLDING DATA INSTITUT. OF MARINE SCIENCE, UNIV. OF AK		CODE	3. ARCHIVE REF. NO.	4. PLATFORM NAME OR DESIGNATOR	CODE	5. CRUISE OR SURVEY PERIOD			
6. COUNTRY OF INSTITUTION HOLDING DATA U.S.A.		CODE	*7. PLATFORM TYPE (Check one)		OTHER (Specify)		YEAR	MO.	DAY
8. NAME OF PERSON TO CONTACT FOR FULL DATA PROCESSING INFO. DATA MANAGEMENT, INST. OF MARINE SCIENCE		<input type="checkbox"/> SHIP <input type="checkbox"/> DRIFTING <input checked="" type="checkbox"/> MOORED <input type="checkbox"/> WINGED <input type="checkbox"/> ANCHORED <input type="checkbox"/> DRIFTING <input type="checkbox"/> HELICOPTER <input type="checkbox"/> UNDERWAY <input type="checkbox"/> ICE ISLAND <input type="checkbox"/> FIXED STRUCTURES				5A. BE-GINNING	19 78	04	24
8A. ADDRESS - STREET OR POST OFFICE BOX NUMBER UNIVERSITY OF ALASKA				CODE		5B. ENDING	19 78	09	22
CITY FALSBANKS	STATE ALASKA	ZIP CODE/COUNTRY 99701/USA		9. PROJECT OR EXPEDITION DESIGNATOR			OCS/OCSEAP		
8B. TELEPHONE AREA CODE NUMBER 907 474-7836/474-7833		When applicable, record the international cooperative project or expedition designator of which survey was a part. Examples: IGOSS, CICAR, CIM, CINECA, etc. If survey was primarily a national or local cooperative endeavor, enter project or expedition designator assigned.							

PART II

10. INSTRUMENT USED TO COLLECT DATA AANDERAA CURRENT METER		10A. MODEL NO. RCM-4	CODE	*12. OBSERVATION TYPE (Check one)		OTHER (Specify)		14. USABLE RECORDS				
*11. INSTRUMENT TYPE (Check one)		OTHER (Specify)		<input type="checkbox"/> ONE INSTANTANEOUS RECORD <input type="checkbox"/> AVERAGE OF SEVERAL INSTANTANEOUS RECORDS <input type="checkbox"/> ANALOG RECORD		CODE		14A. BEGINNING DATE	19 78	04 29		
<input checked="" type="checkbox"/> CURRENT METER <input type="checkbox"/> NEUT. BUOY. FLOAT <input type="checkbox"/> DROGUE <input type="checkbox"/> FREE-FALL DEVICE				13. ARE DATA PROCESSED?		13A. IF NO, WHEN PLANNED?		14B. ENDING DATE	19 78	09 21		
15. TEN-DEGREE SQUARE, SUBSQUARES				16. ARE DATA EDITED? (Check one)				17. LOCATION OF CURRENT MET. OBSERV.				
15A. 10°	15B. 5°	15C. 1°		<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO				DEGREES	MIN.	SEC.	HEM. (Circle as appropriate)	
18. OBSERVATION DEPTH (Meters) - Record depth at which observations were taken in "From" space. If the observation series represents a depth range (such as obtained with free-fall devices or neutral buoyancy floats) enter shallower depth in "From" space and deeper depth in "To" space.				*19. DATA STORAGE MEDIUM (Check one)		OTHER (Specify)		17A. BEGINNING LATITUDE	60	18	3	NORTHERN
18A. FROM		18B. AT 53M		<input type="checkbox"/> PUNCHED CARDS <input checked="" type="checkbox"/> MAG. TAPE <input type="checkbox"/> ANALOG RECORD <input type="checkbox"/> PAP. TAPE		CODE		17B. BEGINNING LONGITUDE	146	49	6	WESTERN
20. ANALYSIS PRODUCTS GENERATED (e.g., speed vs direction, speed vs time, progressive vector plots, etc.)						21. ANALYSIS PRODUCTS PLANNED						

PART III (Fill out this section only if no other documentation is forwarded with form)

22. PERTINENT PUBLICATIONS (List publications containing any documentation on instrumentation data reduction and processing, data editing, and analysis relative to the data inventoried.)	
23. INSTRUMENTATION REMARKS (Specify any major modifications to manufacturer's original product, major routine manufacturing features, operation failures during data collection, or other comments helpful in data interpretation.)	24. DATA REDUCTION AND PROCESSING REMARKS (Describe briefly the time interval of individual observations of processed data, storage codes of processed data (BCD, EBCDIC, binary, etc.) and other pertinent processing factors)
25. DATA EDIT CRITERIA REMARKS (List criteria applied in editing data to the point of their use for analysis; e.g. constant errors (time or other) applied, depth corrections, interpolations, purging of undesirable frequencies, etc.)	26. GENERAL REMARKS (Enter any other comments useful in interpretation and use of data reported)

PART I

2. NAME OF INSTITUTION HOLDING DATA INSTITUTE OF MARINE SCIENCE, UNIV. OF AK	CODE	3. ARCHIVE REF. NO.	4. PLATFORM NAME OR DESIGNATOR	CODE	5. CRUISE OR SURVEY PERIOD				
6. COUNTRY OF INSTITUTION HOLDING DATA U.S.A.	CODE	*7. PLATFORM TYPE (Check one)		OTHER (Specify)		YEAR	MO.	DAY	
8. NAME OF PERSON TO CONTACT FOR FULL DATA PROCESSING INFO. DATA MANAGEMENT, INST. OF MARINE SCIENCE		<input type="checkbox"/> SHIP <input checked="" type="checkbox"/> BUOY <input type="checkbox"/> AIRCRAFT <input type="checkbox"/> DRIFTING <input checked="" type="checkbox"/> MOORED <input type="checkbox"/> WINGED <input type="checkbox"/> ANCHORED <input type="checkbox"/> DRIFTING <input type="checkbox"/> HELICOPTER <input type="checkbox"/> UNDERWAY <input type="checkbox"/> ICE ISLAND <input type="checkbox"/> FIXED STRUCTURES		CODE		5A. BE-GINNING	1978	04	24
8A. ADDRESS - STREET OR POST OFFICE BOX NUMBER UNIVERSITY OF ALASKA						5B. ENDING	1978	09	22
CITY FAIRBANKS	STATE ALASKA	ZIP CODE/COUNTRY 99701/USA		9. PROJECT OR EXPEDITION DESIGNATOR When applicable, record the international cooperative project or expedition designator of which survey was a part. Examples: IGOSS, CICAR, CIM, CINECA, etc. If survey was primarily a national or local cooperative endeavor, enter project or expedition designator assigned.				OCS/OCSEAP	
8B. TELEPHONE	AREA CODE 907	NUMBER 474-7836/474-7833							

PART II

10. INSTRUMENT USED TO COLLECT DATA AANDERAA CURRENT METER	10A. MODEL NO. RCM-4	CODE	*12. OBSERVATION TYPE (Check one)	OTHER (Specify)	14. USABLE RECORDS					
*11. INSTRUMENT TYPE (Check one)		OTHER (Specify)		CODE		14A. BEGINNING DATE	19 78	04	29	
<input checked="" type="checkbox"/> CURRENT METER <input type="checkbox"/> NEUT. BUOY. FLOAT <input type="checkbox"/> DROGUE <input type="checkbox"/> FREE-FALL DEVICE		<input type="checkbox"/> ONE INSTANTANEOUS RECORD <input type="checkbox"/> AVERAGE OF SEVERAL INSTANTANEOUS RECORDS <input type="checkbox"/> ANALOG RECORD				14B. ENDING DATE	19 78	09	21	
15. TEN-DEGREE SQUARE, SUBSQUARES			13. ARE DATA PROCESSED?		13A. IF NO, WHEN PLANNED?					
15A. 10°	15B. 5°	15C. 1°	<input type="checkbox"/> YES <input type="checkbox"/> NO		MONTH YEAR					
18. OBSERVATION DEPTH (Meters) - Record depth at which observations were taken in "From" space. If the observation series represents a depth range (such as obtained with free-fall devices or neutral buoyancy floats) enter shallower depth in "From" space and deeper depth in "To" space.			16. ARE DATA EDITED? (Check one)		17. LOCATION OF CURRENT MET. OBSERV.					
18A. FROM			<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO		DEGREES MIN. SEC.		HEM. (Circle approp.)			
18B. AT 103M			<input type="checkbox"/> PUNCHED CARDS <input checked="" type="checkbox"/> MAG. TAPE <input type="checkbox"/> ANALOG RECORD <input type="checkbox"/> PAP. TAPE		17A. BEGINNING LATITUDE		60	18	3	NORTHERN SOUTHERN
					17B. BEGINNING LONGITUDE		146	49	6	EASTERN WESTERN

20. ANALYSIS PRODUCTS GENERATED (e.g., speed vs direction, speed vs time, progressive vector plots, etc.)	21. ANALYSIS PRODUCTS PLANNED
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PART III (Fill out this section only if no other documentation is forwarded with form)

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6. COUNTRY OF INSTITUTION HOLDING DATA U.S.A.		CODE	*7. PLATFORM TYPE (Check one)		OTHER (Specify)		YEAR	MO.	DAY
8. NAME OF PERSON TO CONTACT FOR FULL DATA PROCESSING INFO. DATA MANAGEMENT, INST. OF MARINE SCIENCE		<input type="checkbox"/> SHIP <input type="checkbox"/> BUOY <input type="checkbox"/> AIRCRAFT <input type="checkbox"/> DRIFTING <input checked="" type="checkbox"/> MOORED <input type="checkbox"/> WINGED <input type="checkbox"/> ANCHORED <input type="checkbox"/> DRIFTING <input type="checkbox"/> HELICOPTER <input type="checkbox"/> UNDERWAY <input type="checkbox"/> ICE ISLAND <input type="checkbox"/> FIXED STRUCTURES				5A. BE-GINNING	19 78	04	24
8A. ADDRESS - STREET OR POST OFFICE BOX NUMBER UNIVERSITY OF ALASKA				CODE		5B. ENDING	19 78	09	22
CITY FAIRBANKS	STATE ALASKA	ZIP CODE/COUNTRY 99701/USA		9. PROJECT OR EXPEDITION DESIGNATOR			OCS/OCSEAP		
8B. TELEPHONE	AREA CODE 907	NUMBER 474-7836/474-7833		When applicable, record the international cooperative project or expedition designator of which survey was a part. Examples: IGOSS, CICAR, CJM, CINFECA, etc. If survey was primarily a national or local cooperative endeavor, enter project or expedition designator assigned.					

PART II

10. INSTRUMENT USED TO COLLECT DATA AANDERAA CURRENT METER		10A. MODEL NO. RCM-4	CODE	*12. OBSERVATION TYPE (Check one)		OTHER (Specify)		14. USABLE RECORDS				
*11. INSTRUMENT TYPE (Check one)		OTHER (Specify)		<input type="checkbox"/> ONE INSTANTANEOUS RECORD <input type="checkbox"/> AVERAGE OF SEVERAL INSTANTANEOUS RECORDS <input type="checkbox"/> ANALOG RECORD		CODE		14A. BEGINNING DATE	19 78	04	29	
<input checked="" type="checkbox"/> CURRENT METER <input type="checkbox"/> NEUT. BUOY. FLOAT <input type="checkbox"/> DROGUE <input type="checkbox"/> FREE-FALL DEVICE				13. ARE DATA PROCESSED?		13A. IF NO, WHEN PLANNED?		14B. ENDING DATE	19 78	09	21	
15. TEN-DEGREE SQUARE, SUBSQUARES				16. ARE DATA EDITED? (Check one)				17. LOCATION OF CURRENT MET. OBSRVS.				
15A. 10°	15B. 5°	15C. 1°		<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO				DEGREES	MIN.	SEC.	HEM. (Circle approp.)	
18. OBSERVATION DEPTH (Meters) - Record depth at which observations were taken in "From" space. If the observation series represents a depth range (such as obtained with free-fall devices or neutral buoyancy floats) enter shallower depth in "From" space and deeper depth in "To" space.				*19. DATA STORAGE MEDIUM (Check one)		OTHER (Specify)		17A. BE-GINNING LATITUDE	60	18	3	NORTHERN
18A. FROM				<input type="checkbox"/> PUNCHED CARDS <input checked="" type="checkbox"/> MAG. TAPE <input type="checkbox"/> ANALOG RECORD <input type="checkbox"/> PAP. TAPE		CODE		17B. BE-GINNING LONGITUDE	146	49	6	WESTERN
20. ANALYSIS PRODUCTS GENERATED (e.g., speed vs direction, speed vs time, progressive vector plots, etc.)						21. ANALYSIS PRODUCTS PLANNED						

PART III (Fill out this section only if no other documentation is forwarded with form)

22. PERTINENT PUBLICATIONS (List publications containing any documentation on instrumentation data reduction and processing, data editing, and analysis relative to the data inventoried).	
23. INSTRUMENTATION REMARKS (Specify any major modifications to manufacturer's original product, major routine manufacturing features, operation failures during data collection, or other comments helpful in data interpretation.)	24. DATA REDUCTION AND PROCESSING REMARKS (Describe briefly the time interval of individual observations of processed data, storage codes of processed data (BCD, EBCDIC, binary, etc.) and other pertinent processing factors)
25. DATA EDIT CRITERIA REMARKS (List criteria applied in editing data to the point of their use for analysis; e.g. constant errors (time or other) applied, depth corrections, interpolations, purging of undesirable frequencies, etc.)	26. GENERAL REMARKS (Enter any other comments useful in interpretation and use of data reported)



UNITED STATES DEPARTMENT OF COMMERCE
National Oceanic and Atmospheric Administration
 NATIONAL ENVIRONMENTAL SATELLITE, DATA,
 AND INFORMATION SERVICE
 Washington, D.C. 20233
 National Oceanographic Data Center

July 14, 1983 E/OC13 SH

Mr. William Johnson II
 Laboratory for the Study of Information Science
 333 Pastore Hall University of Rhode Island
 Kingston, RI 02881

Dear Bill:

Enclosed are OCSEAP parameter checks and inventory runs on FT 015 Current Meter data from Dr. Royer, RU289. The data are listed below. The data were processed by you and submitted to NODC for final processing and archiving.

<u>FID</u>	<u>NODC Track No.</u>	<u>FID</u>	<u>NODC Track No.</u>
CM0146	TR9945	CM0149	TR9948
CM0147	TR9946	CM0150	TR9949
CM0148	TR9947		

No errors were found in the data. The data sets are considered final processed and will be entered into the OCSEAP data base. However, it is requested that you review the check list for accuracy. Please notify me if any corrections are required.

A copy of the enclosure has been forwarded to Dr. Royer for general information.

Sincerely yours,

Sid Halminski
 Sid Halminski
 NODC OCSEAP Data Coordinator

Enclosure:

cc: S. Swanner (w/enclosure)
 T. Royer (w/enclosure)
 M. Crane





Laboratory for the Study of Information Science
University of Rhode Island

82 NODC 252

December 6, 1982

Mr. Sid Halminski
NODC Page Building 1
2001 Wisconsin Avenue
Washington, D.C. 20235

Dear Sid:

Enclosed is tape RU2891 with File Type 015 data from Dr. Thomas Royer, University of Alaska (RU 289). There is one file on the tape with File Identifiers CMO146, CMO147, CMO148, CMO149, and CMO150. Enclosed is the DDF and a Tape Specification Form.

Please note that the values given in columns 45-49 of Record Type 4 denote depth in meters to 0.1 and not pressure in decibars to 0.1 as specified in the description for Record Type 4, File Type 015. Text records stating this have been added as suggested by you during our telephone conversation on August 17, 1982. I hope that the necessity of converting from depth to pressure will not cause difficulties.

Sincerely,

Nancy W. Clayton
Nancy W. Clayton

cc: Suzy Swanner
Thomas C. Royer
Harold Petersen
William Johnson

TAPE SPECIFICATION FORM

d
 d
 d
 dddd PPP 999
 d d P P 9 9
 d d P P 9 9
 ddd PPPP 9999
 P 9
 P 9 9
 P 999

DATA PROJECTS GROUP
 333 Pastore Hall
 University of RI
 Kingston, RI 02881
 (401) 792-2221

Tape Volume Name -- RU2891

Recording Specifications --

Tracks: 9 Tape Files: 1
 Density: 1600 Record Format: FIXED BLOCKED
 Parity: ODD Record Length: 60
 Mode: EBCDIC Block Size: 600
 Label: NON-LABELED

Data Specifications --

Received From: THOMAS C. ROYER RU 289
 Coding Format: FILE TYPE ϕ 15
 Data Set Names:

File#	Name	File#	Name
1	CM ϕ 146		
	CM ϕ 147		
	CM ϕ 148		
	CM ϕ 149		
	CM ϕ 15 ϕ		

ERROR CORRECTION DOCUMENTATION FORM

DATE:

82 NOV 25Z

TO:

FROM:

SUBJECT: Error Correction in Processing of Data Set - Accession # 8300052

1) File Type: 015

2) Project Ident.: OCSEAP

3) Track Nos.: TR9945 - TR9949

I. Error Corrections as reported to Principal Investigator:

Error

Correction Completed (Check)

II. Additional error corrections:

Error

Correction Completed (Check)

NO errors

III. Processor Name: Mary R Lewis

Step	Completion Date/Init.	Tape # or DSN	# of Files	BLKSIZE	LRECL	# RECORDS
ORIGINATOR TAPE		R RU2891	1	600	60	35,077
QUADI/SCAN TAPE		R RU2891	1	600	60	
ASSIGNED FOR PROCESS.		R 007857	1	600	60	35,077
DDF EVALUATION	6/29/83 not					
QUALITY REVIEW	6/29/83 not					
PRELIMINARY DATA SORT						
PRELIMINARY MULCHEK	6/29/83 not	DNODC* MAR 1. T9945/1015				35,077
FIRST USER TAPE						
WORK DISK FILE	6/29/83 not					
FINAL USER TAPE						
FINAL MULCHEK	6/29/83 not					
EDITED DISK FILE						
DATA SET "FINALIZED"						

TAPE ASSIGNMENT SHEET

ACCESSION NO.: 8300052

TRACK NO(s): TR9945 - TR9949

Type of Tape	Tape Number	Label	LRECL	BLKSIZE	RECFM	Remarks
Originator	R02891	NL	60	600	FB	
Duplicate	07857	SL	60 60	600	FB	DSN DNOR*82NODC252
Reformatted						
First User						
DISK Final DATA Set	DNODC* MARY/.T9945/F015					35,077 records

FTP 015

ADP FACILITIES REQUEST FORM

USER NAME HALMINSKI	PHONE # 47441	ORG/TASK #	DATE SUBMITTED 12/14/82	DATE DUE	BIN # 33
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MACHINE JOB IS TO BE DONE ON AND DESCRIBE THE FUNCTIONS TO BE DONE
 PLEASE RUN SCAN AND LOOK AND PRINT 2 PAGES OF DATA

FTP 015

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

TAPE INFORMATION

	TAPE #	TRK	DENSITY	PARITY	LABEL TYPE	RECORD TYPE	RECORD LENGTH	BLOCK SIZE
INPUT	R02891	9	1600	ODD	NL	FB	60	600
	CODE: ASCII (EBCDIC) BCD SDF OTHER(SPECIFY)				DATA SET NAME			PURGE DATE
	TAPE #	TRK	DENSITY	PARITY	LABEL TYPE	RECORD TYPE	RECORD LENGTH	BLOCK SIZE
OUTPUT								
	CODE: ASCII EBCDIC BCD SDF OTHER(SPECIFY)				DATA SET NAME			PURGE DATE

SPECIAL INSTRUCTIONS

ESTIMATED EXECUTION TIME

D731 USE ONLY

JOB #	DATE JOB DONE	START TIME	END TIME	PRIORITY	DEVICES USED, NUMBER OF TAPE MOUNTS, LINES PRINTED, DISKETTES USED, CARDS PUNCHED
82121305	12/14/82	8:09	8:25	C	MTI - 1 mount

COMMENTS

Completed by E. G. Mason

ADP FACILITIES REQUEST FORM

USER NAME HRMINSKI	PHONE # 634-7441	ORG/TASK # OCSEAP	DATE SUBMITTED 4/20/83	DATE DUE	BIN # 33
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MACHINE JOB IS TO BE DONE ON AND DESCRIBE THE FUNCTIONS TO BE DONE

PLEASE COPY INPUT, RUN SCAN, LOOK AND

PRINT 300 RECORDS ON OUTPUT TAPE

*initialized tape 25chr, 1 dup, 15 keys, 1 look, & 1 print
FTP 015*

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

TAPE INFORMATION

	TAPE #	TRK	DENSITY	PARITY	LABEL TYPE	RECORD TYPE	RECORD LENGTH	BLOCK SIZE
INPUT <i>See 4/21/83</i>	RU2891	9	1600	ODD	NL	FB	60	600
	CODE: (EBCDIC) BCD SDF OTHER(SPECIFY)				DATA SET NAME			PURGE DATE
OUTPUT	07857	9	1600	ODD	SL	FB	60	600
	CODE: (ASCII) BCD SDF OTHER(SPECIFY)				DATA SET NAME DNOD #82NODC 252			PURGE DATE

SPECIAL INSTRUCTIONS

ESTIMATED EXECUTION TIME

D731 USE ONLY

JOB #	DATE JOB DONE	START TIME	END TIME	PRIORITY	DEVICES USED, NUMBER OF TAPE MOUNTS, LINES PRINTED, DISKETTES USED, CARDS PUNCHED
83042112	4/21/83	8:49	8:55	C	MT1 - 1 mount
	5/10/83	10:57	11:19		MT1 - MT2 - 3 mounts

COMMENTS

*no handle end of file
Completed by E. G. M...*

Password:

accNo	fleA	refNo	proj	inst	ship	startDate	cruise	catId
8300052	F015	TR9945	0081	31I7	3199	1978/04/29	HE-B	321083
8300052	F015	TR9946	0081	31I7	3199	1978/04/29	HE-B	321084
8300052	F015	TR9947	0081	31I7	3199	1978/04/29	HE-B	321085
8300052	F015	TR9948	0081	31I7	3199	1978/04/29	HE-B	321086
8300052	F015	TR9949	0081	31I7	3199	1978/04/29	HE-B	321087

(5 rows affected)

Password:

accNo	fleA	refNo	ship	staCnt	recCnt	startDate	endDate
8300052	F015	TR9945	3199	6	7022	78/04/29	78/09/01
8300052	F015	TR9946	3199	6	7020	78/04/29	78/09/01
8300052	F015	TR9947	3199	6	7021	78/04/29	78/09/01
8300052	F015	TR9948	3199	6	7010	78/04/29	78/09/01
8300052	F015	TR9949	3199	6	7004	78/04/29	78/09/01

(5 rows affected)