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DATA DOCUMENTATION FORM

RECEIVED 2087
OCT 7 1977
NEG 07
FORM APPROVED
O.M.B. No. 418R2091
2088
2089
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FORM 24-13 (4-72)

U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL OCEANOGRAPHIC DATA CENTER
RECORDS SECTION
ROCKVILLE, MARYLAND 20852

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

See NOTE under Record Format Descriptions for format changes.

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

INSTITUTE OF MARINE SCIENCE
UNIV. OF ALASKA
FAIRBANKS, AK. 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

GASS QC
O15
CM0001 CM0005
CM0002
CM0003
CM0004

4. PLATFORM NAME(S)

N/A

5. PLATFORM TYPE(S) (E.G., SHIP; BUOY, ETC.)

CURRENT METER
ARRAY

6. PLATFORM AND OPERATOR NATIONALITY(IES)

U.S.

U.S.

7. DATES

FROM: MO/DAY/YR TO: MO/DAY/YR
7/22/76 11/2/76

8. ARE DATA PROPRIETARY?

NO YES

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?)

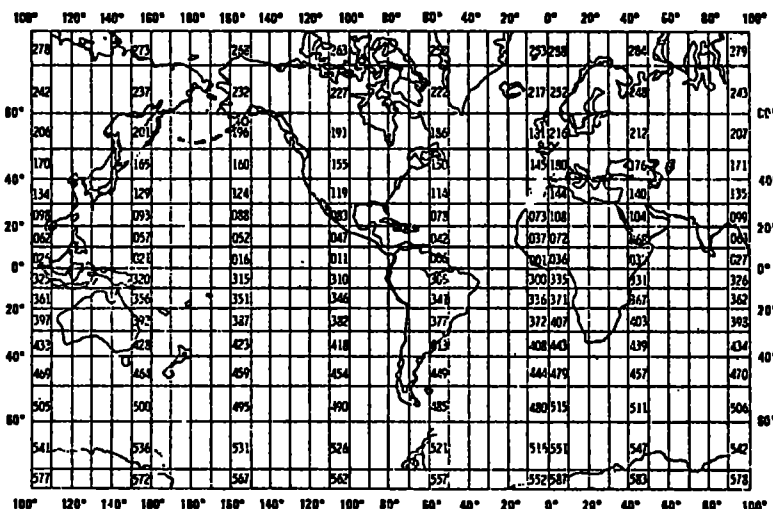
NO YES PART (SPECIFY BELOW)

10. PERSON TO WHOM INQUIRIES CONCERNING DATA SHOULD BE ADDRESSED WITH TELEPHONE NUMBER (AND ADDRESS IF OTHER THAN IN ITEM-1)

INSTITUTE OF MARINE SCIENCE
DATA MANAGEMENT
UNIVERSITY OF ALASKA
FAIRBANKS, AK. 99701
(907) 479-7833
(907) 479-7074

11. PLEASE DARKEN ALL MARSDEN SQUARES IN WHICH ANY DATA CONTAINED IN YOUR SUBMISSION WERE COLLECTED.

GENERAL AREA



B. SCIENTIFIC CONTENT

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

EXAMPLE (HYPOTHETICAL INFORMATION)

NAME OF DATA FIELD	REPORTING UNITS OR CODE	METHODS OF OBSERVATION AND INSTRUMENTS USED (SPECIFY TYPE AND MODEL)	ANALYTICAL METHODS (INCLUDING MODIFICATIONS) AND LABORATORY PROCEDURES	DATA PROCESSING TECHNIQUES WITH FILTERING AND AVERAGING
Salinity	‰	Nansen bottles	Inductive salinometer (Hytech model S510)	N/A (Not applicable)
		STD Bissett-Berman Model 9006	N/A	Values averaged over 5-meter intervals
Water color	Foresl scale	Visual comparison with Foresl bottles	N/A	N/A
Sediment size	φ units and percent by weight	Ewing corer	Standard sieves. Carbonate fraction removed by acid treatment	Same as "Sedimentary Rock Manual," Folk '65

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

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
CURRENT SPEED	cm/sec	RCM-4	N/A	EQUATIONS FOR PARAMETER COMPUTATIONS ON DATA TAPE, COMMENT SECTION. COND → SALINITY CONVERSION EQUATION ATTACHED TO DDF.
DIRECTION	° T (INCLUDES DECLINATION OF °)	HANDERAA CURRENT METER		
TEMPERATURE	°C	TALT MOORING		
SALINITY	‰	TIME INTERVAL FOR SAMPLING <u>20</u> MIN.		
DEPTH	m			
				DATA ARE WILD POINT EDITED ONLY. NO ATTEMPT HAS BEEN MADE TO CORRECT STORED TO STD CASTS. EXPECT GOOD PRECISION. ACCURACY NOT CHECKED IN FIELD.

PART I

NAME OF INSTITUTION HOLDING DATA INSTITUTE OF MARINE SCIENCE, U of AK		CODE	3. ARCHIVE REF. NO.	4. PLATFORM NAME OR DESIGNATOR GASS 9C	CODE	5. CRUISE OR SURVEY PERIOD		
COUNTRY OF INSTITUTION HOLDING DATA USA		CODE	*7. PLATFORM TYPE (Check one)		OTHER (Specify)	YEAR	MO.	DAY
NAME OF PERSON TO CONTACT FOR FULL DATA PROCESSING INFO. D. L. NEBERT INST. OF MAR. SCI.			<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	19 76	07 22
ADDRESS - STREET OR POST OFFICE BOX NUMBER UNIVERSITY OF ALASKA						5B. ENDING	19 76	11 02
CITY FAIRBANKS	STATE AK	ZIP CODE/COUNTRY 99701 USA	9. PROJECT OR EXPEDITION DESIGNATOR			GASS (OCSGAP) GULF of ALASKA SHELF STUDY.		
TELEPHONE 907	AREA CODE 479	NUMBER 7833 (or 7074)	When applicable, record the international cooperative project or expedition designator of which survey was a part. Examples: IGOS, CICAR, CIM, CINECA, etc. If survey was primarily a national or local cooperative endeavor, enter project or expedition designator assigned.					

PART II

INSTRUMENT USED TO COLLECT DATA HANDHELD METERS		10A. MODEL NO RCM4	CODE	*12. OBSERVATION TYPE (Check one)		OTHER (Specify) SOME INSTANTANEOUS SPEED AVERAGED	14. USABLE RECORDS			
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 76	07 22	
CURRENT METER <input type="checkbox"/> NEUT. BUOY. FLOAT DROGUE <input type="checkbox"/> FREE-FALL DEVICE				13. ARE DATA PROCESSED?			14B. ENDING DATE	19 76	11 02	
15. TEN-DEGREE SQUARE, SUBSQUARES				16. ARE DATA EDITED? (Check one)			17. LOCATION OF CURRENT MET. OBSERV.			
A. 10°	15B. 5°	15C. 1°		<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO WILD POINT			DEGREES	MIN.	SEC.	
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	58	44.77	NORTHERN SOUTHERN
A. FROM	18B. TO			<input type="checkbox"/> ANALOG RECORD <input type="checkbox"/> PAP. TAPE		CODE	17B. BE-GINNING LONGITUDE	142	25.13	EASTERN WESTERN
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)

PERTINENT PUBLICATIONS (List publications containing any documentation on instrumentation data reduction and processing, data editing, and analysis relative to the data inventoried.)		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)	
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.) NO MODIFICATIONS			
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)	

0002 FILE NAME: IMCURFIL

NODC INSTRUMENT FORM FOR INSTRUMENT-MEASURED SUBSURFACE CURRENT OBSERVATIONS (NIMSCO)

PART I

NAME OF INSTITUTION HOLDING DATA <i>Institute of Marine Science, U of AK</i>		CODE	3. ARCHIVE REF. NO.	4. PLATFORM NAME OR DESIGNATOR <i>GASS9C</i>	CODE	5. START OR SURVEY PERIOD				
COUNTRY OF INSTITUTION HOLDING DATA <i>USA</i>		CODE	*7. PLATFORM TYPE (Check one)		OTHER (Specify)		YEAR	MO.	DAY	
NAME OF PERSON TO CONTACT FOR FULL DATA PROCESSING INFO. <i>D.L. Nebert, Inst. of Mar. Science</i>			<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 76	07	22
ADDRESS - STREET OR POST OFFICE BOX NUMBER <i>Univ. of AK</i>					CODE		5B. ENDING	19 76	11	02
<i>Fairbanks</i>	STATE <i>AK</i>	ZIP CODE/COUNTRY <i>99701, USA</i>	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.				<i>GASS (OCSEAP) Gulf of Alaska shelf study</i>			
TELEPHONE	AREA CODE <i>907</i>	NUMBER <i>479-7833 (or 774)</i>								

PART II

INSTRUMENT USED TO COLLECT DATA <i>Aanderaa Meters</i>		10A. MODEL NO. <i>RCM4</i>	CODE	*12. OBSERVATION TYPE (Check one)		OTHER (Specify) <i>some instantaneous speed averaged</i>		14. USABLE RECORDS			
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 76	7 22	
CURRENT METER <input type="checkbox"/> NEUT. BUOY. FLOAT, TROGUE <input type="checkbox"/> FREE-FALL DEVICE				13. ARE DATA PROCESSED? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO		13A. IF NO, WHEN PLANNED? MONTH YEAR		14B. ENDING DATE	19 76	7 29	
15. TEN-DEGREE SQUARE, SUBSQUARES				16. ARE DATA EDITED? (Check one) <i>wild print</i> <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO				17. LOCATION OF CURRENT MET. OBSERV.			
10°	15B. 5°	15C. 1°		*19. DATA STORAGE MEDIUM (Check one)		OTHER (Specify)		17A. BEGINNING LATITUDE	58	41.77	NORTHERN SOUTHERN
OBSERVATION DEPTH (Meters) - Record depth at which observations were taken in "From" space. If the observation series represents 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.				<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	148	25.13	EASTERN WESTERN
FROM	18B. TO										

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)

PERTINENT PUBLICATIONS (List publications containing any documentation on instrumentation data reduction and processing, data editing, and analysis relative to the data inventoried.)

INSTRUMENTATION REMARKS (Specify any major modifications to manufacturer's original product, major routine manufacturing features, operation failures during data collection, other comments helpful in data interpretation.)
No modifications

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)

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, interpositions, purging of undesirable frequencies, etc.)

26. GENERAL REMARKS (Enter any other comments useful in interpretation and use of data reported)

NODC INSTRUMENT FORM
FOR INSTRUMENT-MEASURED SUBSURFACE CURRENT OBSERVATIONS (NIMSCO)

PART I

NAME OF INSTITUTION HOLDING DATA <i>Institute of Marine Sciences, U. of AK</i>		CODE	3. ARCHIVE REF. NO.	4. PLATFORM NAME OR DESIGNATOR <i>GASS 9C</i>	CODE	5. ENTIRE SURVEY PERIOD			
COUNTRY OF INSTITUTION HOLDING DATA <i>USA</i>		CODE	*7. PLATFORM TYPE (Check one)		OTHER (Specify)				
NAME OF PERSON TO CONTACT FOR FULL DATA PROCESSING INFO. <i>D.L. Nebert, Inst. of Mar. Sci.</i>		SHIP <input type="checkbox"/> DRIFTING <input checked="" type="checkbox"/> MOORED <input type="checkbox"/> WINGED		BUOY <input type="checkbox"/> ANCHORED <input type="checkbox"/> DRIFTING <input type="checkbox"/> HELICOPTER		AIRCRAFT <input type="checkbox"/> UNDERWAY <input type="checkbox"/> ICE ISLAND <input type="checkbox"/> FIXED STRUCTURES		5A. BE-GINNING 19 <i>76</i> 07 <i>22</i>	
1. ADDRESS - STREET OR POST OFFICE BOX NUMBER <i>Univ. of Alaska</i>		2. STATE <i>AK</i>		3. ZIP CODE/COUNTRY <i>99701, USA</i>		5B. ENDING 19 <i>76</i> 11 <i>02</i>			
4. TELEPHONE AREA CODE <i>907</i>		NUMBER <i>479-7833 (or 7074)</i>		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.				<i>GASS (OCSEAP) Gulf of Alaska Shelf Study.</i>	

PART II

1. INSTRUMENT USED TO COLLECT DATA <i>Aanderaa Meters</i>		10A. MODEL NO. <i>DCM4</i>	CODE	*12. OBSERVATION TYPE (Check one)		OTHER (Specify) <i>Some instantaneous speed averaged</i>		14. USABLE RECORDS			
1. INSTRUMENT TYPE (Check one)		OTHER (Specify)		<input type="checkbox"/> ONE INSTANTANEOUS RECORD		CODE		14A. BEGINNING DATE	YEAR	MONTH	DAY
<input checked="" type="checkbox"/> CURRENT METER <input type="checkbox"/> NEUT. BUOY. FLOAT				<input type="checkbox"/> AVERAGE OF SEVERAL INSTANTANEOUS RECORDS				19 <i>76</i> 7 <i>22</i>			
<input type="checkbox"/> DROGUE <input type="checkbox"/> FREE-FALL DEVICE				<input type="checkbox"/> ANALOG RECORD				14B. ENDING DATE	YEAR	MONTH	DAY
				<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO				19 <i>76</i> 11 <i>02</i>			
15. TEN-DEGREE SQUARE, SUBSQUARES				13. ARE DATA PROCESSED?		13A. IF NO, WHEN PLANNED?		17. LOCATION OF CURRENT MET. OBSERV.			
A. 10°	15B. 5°	15C. 1°		16. ARE DATA EDITED? (Check one)				DEGREES	MIN.	SEC.	HEM. (Circle approp.)
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.				<i>wild print</i> <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO				17A. BEGINNING LATITUDE			NORTHERN SOUTHERN
A. FROM	18B. TO				*19. DATA STORAGE MEDIUM (Check one)		OTHER (Specify)		17B. BEGINNING LONGITUDE		EASTERN WESTERN
				<input type="checkbox"/> PUNCHED CARDS <input checked="" type="checkbox"/> MAG. TAPE		CODE		58	44	77	
ANALYSIS PRODUCTS GENERATED (e.g., speed vs direction, speed vs time, progressive vector plots, etc.)				<input type="checkbox"/> ANALOG RECORD <input type="checkbox"/> PAP. TAPE				148	25	13	
				21. ANALYSIS PRODUCTS PLANNED							

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

PERTINENT PUBLICATIONS (List publications containing any documentation on instrumentation data reduction and processing, data editing, and analysis relative to the data inventoried.)		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).	
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.) <i>No modifications.</i>			
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)	

MISSION NUMBER	NOAA FORM 44-9 (10-72)	U. S. DEPARTMENT OF COMMERCE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION	FORM APPROVED O.M.B. NO. 4180-0018 EXPIRES - AUGUST 1977
0004	FILE NAME: IMCURFIL	NODC INDEX FORM FOR INSTRUMENT-MEASURED SUBSURFACE CURRENT OBSERVATIONS (NIMSCO)	

PART I

NAME OF INSTITUTION HOLDING DATA INSTITUTE of MARINE SCIENCE, U of AK		CODE	3. ARCHIVE REF. NO.	4. PLATFORM NAME OR DESIGNATOR GASS 9C	CODE	5. SURVEY PERIOD			
COUNTRY OF INSTITUTION HOLDING DATA USA		CODE	*7. PLATFORM TYPE (Check one)		OTHER (Specify)		YEAR	MO.	DAY
NAME OF PERSON TO CONTACT FOR FULL DATA PROCESSING INFO. L. Nebert Inst. of Mar. Sci		SHIP		BUOY	AIRCRAFT				
ADDRESS - STREET OR POST OFFICE BOX NUMBER Univ. of AK		<input type="checkbox"/> DRIFTING <input 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. BEGINNING 19 76 07 22			
FAIRBANKS		STATE AK	ZIP CODE/COUNTRY 99701/USA		9. PROJECT OR EXPEDITION DESIGNATOR		5B. ENDING 19 76 11 02		
TELEPHONE: AREA CODE NUMBER 907 479-7833 (or 7074)		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

INSTRUMENT USED TO COLLECT DATA		10A. MODEL NO.	CODE	*12. OBSERVATION TYPE (Check one)		OTHER (Specify) SOME instantaneous speed averaged		14. USABLE RECORDS				
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		YEAR	MONTH	DAY		
CURRENT METER <input type="checkbox"/> NEUT. BUOY. FLOAT; TROGUE <input type="checkbox"/> FREE-FALL DEVICE				13. ARE DATA PROCESSED? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO		13A. IF NO, WHEN PLANNED? MONTH YEAR		14A. BEGINNING DATE 19 76 7 22				
15. TEN-DEGREE SQUARE, SUBSQUARES				16. ARE DATA EDITED? (Check one) wild point <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO				14B. ENDING DATE 19 76 11 02				
10°	15B. 5°	15C. 1°		*19. DATA STORAGE MEDIUM (Check one)		OTHER (Specify)		17. LOCATION OF CURRENT MET. OBSERVS.				
OBSERVATION DEPTH (Meters) - Record depth at which observations were taken in "From" space. If the observation series represents 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.				<input type="checkbox"/> PUNCHED CARDS <input checked="" type="checkbox"/> MAG. TAPE <input type="checkbox"/> ANALOG RECORD <input type="checkbox"/> PAP. TAPE		CODE		DEGREES	MIN.	SEC.	HEM. (Circle approp.)	
FROM	18B. TO						17A. BEGINNING LATITUDE 58	44	77	NORTHERN SOUTHERN		
ANALYSIS PRODUCTS GENERATED (e.g., speed vs direction, speed vs time, progressive vector plots, etc.)								17B. BEGINNING LONGITUDE 148	25	13	EASTERN WESTERN	
								21. ANALYSIS PRODUCTS PLANNED				

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

PERTINENT PUBLICATIONS (List publications containing any documentation on instrumentation data reduction and processing, data editing, and analysis relative to the data inventoried.)			
INSTRUMENTATION REMARKS (Specify any major modifications to manufacturer's original product, major routine manufacturing features, operation failures during data collection, other comments helpful in data interpretation.) No modifications		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)	
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)	

ACCESSION NUMBER M0005		FILE NAME: IMCURFIL	PART I							
NAME OF INSTITUTION HOLDING DATA Institute of Marine Science, U of AK		CODE	3. ARCHIVE REF. NO.	4. PLATFORM NAME OR DESIGNATOR GASS9C	CODE	5. SURVEY PERIOD				
COUNTRY OF INSTITUTION HOLDING DATA USA		CODE	*7. PLATFORM TYPE (Check one)		OTHER (Specify)		YEAR	MO.	DAY	
NAME OF PERSON TO CONTACT FOR FULL DATA PROCESSING INFO. Dr. Nebert, Inst. of Marine Sci		<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		1976	7	22
1. ADDRESS - STREET OR POST OFFICE BOX NUMBER University of Alaska						5B. ENDING		1976	11	2
CITY Fairbanks	STATE AK	ZIP CODE/COUNTRY 99701/USA		9. PROJECT OR EXPEDITION DESIGNATOR		GASS (OCSEAP)				
3. TELEPHONE: AREA CODE NUMBER 907 479-7833 (or 7074)				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.		Gulf of Alaska Shelf Study				

11. INSTRUMENT USED TO COLLECT DATA Aanderaa Meters		10A. MODEL NO. RCM4	CODE	*12. OBSERVATION TYPE (Check one)		OTHER (Specify) Some instantaneous speed averaged		14. USABLE RECORDS					
1. 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		YEAR	MONTH	DAY			
<input type="checkbox"/> CURRENT METER <input type="checkbox"/> NEUT. BUOY. FLOAT <input type="checkbox"/> DROGUE <input type="checkbox"/> FREE-FALL DEVICE				13. ARE DATA PROCESSED? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO		13A. IF NO, WHEN PLANNED?		14A. BEGINNING DATE	19	7	22		
15. TEN-DEGREE SQUARE, SUBSQUARES				16. ARE DATA EDITED? (Check one)				14B. ENDING DATE	19	76	11	2	
A. 10°	15B. 5°	15C. 1°		<input type="checkbox"/> YES <input type="checkbox"/> NO				17. LOCATION OF CURRENT MET. OBSERV.					
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)		DEGREES	MIN.	SEC.	HEM. (Circle approp.)		
A. FROM	18B. TO				<input type="checkbox"/> PUNCHED CARDS <input checked="" type="checkbox"/> MAG. TAPE <input type="checkbox"/> ANALOG RECORD <input type="checkbox"/> PAP. TAPE		CODE		17A. BEGINNING LATITUDE	58	44	77	NORTHERN SOUTHERN
ANALYSIS PRODUCTS GENERATED (e.g., speed vs direction, speed vs time, progressive vector plots, etc.)				21. ANALYSIS PRODUCTS PLANNED				17B. BEGINNING LONGITUDE	148	25	13	EASTERN WESTERN	

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

PERTINENT PUBLICATIONS (List publications containing any documentation on instrumentation data reduction and processing, data editing, and analysis relative to the data inventoried.)		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)	
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.)		26. GENERAL REMARKS (Enter any other comments useful in interpretation and use of data reported)	
No modifications			
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.)			

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

2. GIVE BRIEF DESCRIPTION OF FILE ORGANIZATION

015CM0001 (7467 records)
 015CM0002 (485 records)
 015CM0003 (7461 records)
 015CM0004 (7461 records)
 015CM0005 (7461 records)

231
 30335

3. ATTRIBUTES AS EXPRESSED IN

- PL-1 ALGOL COBOL
 FORTRAN _____ LANGUAGE

4. RESPONSIBLE COMPUTER SPECIALIST:

NAME AND PHONE NUMBER Gydney Hansen, (907)479-7836
 ADDRESS Institute of Marine Science, Univ. of Alaska, Fairbanks, Alaska 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>²⁸⁹ 489 015 CM0001, CM0002, CM0003, CM0004, CM0005.</p> <p>76/7/22 - 76/11/2 T. Royer</p> <p>9TRK, 800BPI, EBCDIC, Odd Parity, No label</p>
<p>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</p> <p>13. LENGTH OF BYTES IN BITS</p> <p>8 bits/byte</p>

C. DATA FORMAT

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

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

USER TAPE

[Empty box for listing record types]

2. GIVE BRIEF DESCRIPTION OF FILE ORGANIZATION

[Empty box for file organization description]

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

4. RESPONSIBLE COMPUTER SPECIALIST:

NAME AND PHONE NUMBER

ADDRESS

PT 52 - NOAA/EDS/NODC - 6747505
WASH DC 20235

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</p> <p><input type="checkbox"/> _____</p>
<p>6. NUMBER OF TRACKS (CHANNELS)</p> <p><input type="checkbox"/> SEVEN</p> <p><input checked="" type="checkbox"/> NINE</p> <p><input type="checkbox"/> _____</p>	<p>10. END OF FILE MARK</p> <p><input type="checkbox"/> OCTAL 17</p> <p><input type="checkbox"/> _____</p>
<p>7. PARITY</p> <p><input checked="" type="checkbox"/> ODD</p> <p><input type="checkbox"/> EVEN</p>	<p>11. PASTE-ON-PAPER LABEL DESCRIPTION (INCLUDE ORIGINATOR NAME AND SOME LAY SPECIFICATIONS OF DATA TYPE, VOLUME NUMBER)</p> <p><i>006477 (1,5L)</i></p> <p><i>006475</i></p> <p><i>DSN = TR 2087</i></p>
<p>8. DENSITY</p> <p><input type="checkbox"/> 200 BPI <input checked="" type="checkbox"/> 1600 BPI</p> <p><input type="checkbox"/> 556 BPI</p> <p><input type="checkbox"/> 800 BPI</p> <p><input type="checkbox"/> _____</p>	<p>12. PHYSICAL BLOCK LENGTH BYTES</p> <p><i>4800</i></p> <p>13. LENGTH OF BYTES IN BITS</p> <p><i>60</i></p>

RECORD FORMAT DESCRIPTION

RECORD NAME Data Header I (Optional)

14. FIELD NAME	15. POSITION FROM - 1 MEASURED IN bytes <small>(e.g., bit, bytes)</small>	16. LENGTH		17. ATTRIBUTES	18. USE AND MEANING
		NUMBER	UNITS		
File Type	1	3	bytes	A3	Always "015"
File Identification	4	6	"	A6	
Record Type	10	1	"	I1	Always "1"
Meter Number	11	5	"	A5	
Text	16	38	"	38A1	Descriptive information
Blank	54	1	"	1X	
Sequence number	55	6	"	I6	ascending numeric used for ordering data header records upon retrieval

RECORD FORMAT DESCRIPTION

RECORD NAME Data Header II (required)

FIELD NAME	15. POSITION FROM - 1 MEASURED IN bytes (e.g., bits, bytes)	16. LENGTH		17. ATTRIBUTES	18. USE AND MEANING
		NUMBER	UNITS		
File Type	1	3	bytes	A3	Always "015"
File Identification	4	6	"	A6	
Record Type	10	1	"	I1	Always "2"
Meter number	11	5	"	A5	
Latitude					
Degrees	16	2	"	I2	
Minutes	18	2	"	I2	
Hundredths	20	2	"	I2	Hundredths of minutes
Hemisphere	22	1	"	A1	"N" or "S"
Longitude					
Degrees	23	3	"	I3	
Minutes	26	2	"	I2	
Hundredths	28	2	"	I2	
Hemisphere	30	1	"	A1	"E" or "W"
Depth to bottom	31	5	"	I5	To whole meters
Depth of meter	36	5	"	I5	To tenths of meter
Meter Usage Sequence Number	41	3	"	I3	Number of times meter has been deployed (by investigator)
Institution code	44	2	"	A2	NODC Institution Code
Axis Rotation	46	3	"	I3	In whole degrees clockwise from true north of positive V axis
Location Name	49	6	"	A6	Not used by DOMES
Number of data records	55	6	"	I6	Number of record type "3" records

DOMES Program
Current Meter Format
"015"
page 3

RECORD FORMAT DESCRIPTION

RECORD NAME Data Record (Required)

FIELD NAME	15. POSITION FROM - 1 MEASURED IN bytes (c.A., bit, bytes)	16. LENGTH		17. ATTRIBUTES	18. USE AND MEANING
		NUMBER	UNITS		
File Type	1	3	bytes	A3	Always "015"
File Identification	4	6	"	A6	
Record Type	10	1	"	I1	Always "3"
Meter Number	11	5	"	A5	
Time					All times GMT.
year	16	2	"	I2	last two digits of year
month	18	2	"	I2	01-12
day	20	2	"	I2	01-31
hour	22	2	"	I2	00-24
minute	24	2	"	I2	00-59
hundredth of minutes	26	2	"	I2	00-99
East-west (u) current component	28	6	"	I6	cm/sec to hundredths, East +
North-south (v) current component	34	6	"	I6	cm/sec to hundredths, North +
Temperature	40	5	"	I5	Degrees Celsius to thousandths, minus sign when negative.
Pressure	45	5	"	I5	Decibars to tenths
Conductivity	50	4	"	I4	mmho/cm to hundredths
Blank	54	1	"	1X	
Sequence Number	55	6	"	I6	Ascending numeric used for ordering data records upon retrieval.

~~BOMES Program~~
Current Meter Format
"015"
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RECORD FORMAT DESCRIPTION

RECORD NAME Data Record (Required)

14. FIELD NAME	15. POSITION FROM - 1 MEASURED IN bytes (Calc. bits, bytes)	16. LENGTH		17. ATTRIBUTES	18. USE AND MEANING
		NUMBER	UNITS		
File Type	1	3	bytes	A3	Always "015"
File Identification	4	6	"	A6	
Record Type	10	1	"	I1	Always "4"
Meter Number	11	5	"	A5	
Time					All times GMT
year	16	2	"	I2	last two digits of year
month	18	2	"	I2	01-12
day	20	2	"	I2	01-31
hour	22	2	"	I2	00-24
minute	24	2	"	I2	00-59
hundredth of minutes	26	2	"	I2	00-99
East-west (u) current component	28	6	"	I6	cm/sec to hundredths, East +
North-south (v) current component	34	6	"	I6	cm/sec to hundredths, North +
Temperature	40	5	"	I5	Degrees Celsius to thousandths, minus sign when negative.
Pressure	45	5	"	I5	Decibars to tenths
salinity	50	4	"	I4	‰ to hundredths
Blank	54	1	"	I1	
Sequence Number	55	6	"	I6	Ascending numeric used for ordering data records upon retrieval.

~~BOMES Program~~
Current Meter Format
"015"
page 4

```

1      SURROUTINE CONSAL(R,B,T,D,S)
2      C
3      C WRITTEN JAN 7,1976 BY J DRYDEN AND R SEITZ
4      C
5      C PURPOSE OF THIS ROUTINE IS TO PROVIDE CONVERSION CAPABILITY FOR IN
6      C SITU CONDUCTIVITY RATIOS TO SALINITY
7      C
8      C ALGORITHM AND EQUATIONS TAKEN FROM 'CONVERSION OF IN SITU MEASUREMENTS
9      C OF CONDUCTIVITY TO SALINITY' BY A.S. BENNETT (PREPUBLICATION COPY
10     C RECEIVED JAN 75 BY PRIVATE COMMUNICATION BETWEEN AUTHOR AND D NEBERT)
11     C
12     C USAGE CALL CONSAL(R,B,T,D,S)
13     C WHERE R IS RATIO C(S,T,P)/C(35,B,0)
14     C B IS BATH TEMPERATURE IN DEG C OR REFERENCE TEMP EMPLOYED
15     C IN THE DESIGN OF SOME IN SITU SAMPLING INSTRUMENTS
16     C T IS IN SITU TEMPERATURE IN DEG C
17     C ***** NOT THAT BOTH B AND T ARE BOTH 1968 IPTS MEASUREMENTS. * **
18     C D IS IN SITU DEPTH IN METERS (PRESUMED EQUIVALENT TO
19     C PRESSURE IN DECIBARS
20     C S IS CALCULATED SALINITY WHICH IS RETURNED TO CALLER IN PPT
21     C
22     C
23     C
24     C P=D
25     C
26     C CONVERT IN SITU RATIO TO 15 DEG C REFERENCE
27     C R2=B*B
28     C RB= 0.676518 + 2.00402E-2*B + 1.227E-4*B2 - 2.18091E-6*B*B2
29     C X + 6.63405E-8*B2*B2 - 9.5646E-10*B2*B2*B
30     C RO= RB*R
31     C
32     C CALCULATE AND APPLY GROSS PRESSURE CORRECTION
33     C T2=T*T
34     C F= 1.0 + 3.0786E-2*T + 3.169E-4*T2
35     C F= (1.60836E-5*P - 5.4845E-10*P*P + 6.166E-15*P*P*P)/F
36     C RO= RO/(1.0 + F)
37     C
38     C CALCULATE AND APPLY GROSS TEMPERATURE CORRECTION
39     C RT= 0.676518 + 2.00402E-2*T + 1.227E-4*T2 - 2.18091E-6*T*T2
40     C X + 6.63405E-8*T2*T2 - 9.5646E-10*T2*T2*T
41     C RO= RO/RT
42     C
43     C CALCULATE SALINITY APPLY SECONDARY PRESS/TEMP CORRECTIONS
44     C R2 = P0*RO
45     C S = -0.08996 + 28.8567*RO + 12.18882*R2 - 10.61869*RO*R2
46     C X + 5.98624*R2*R2 - 1.32311*R2*R2*RO
47     C S = S + RO*(RO-1.0) * ( 0.0442*T - 4.6E-4*T2 - 0.004*RO*T
48     C X + ( 1.25E-4 - 2.9E-6*T)*P )
49     C
50     C RETURN TO CALLER
51     C RETURN
52     C END

```

THERE WERE NO DIAGNOSTICS IN ABOVE COMPILATION
25K WORDS WERE USED FOR THIS COMPILATION

FIRST RECORDS OF METER

015CM00011	1798 METER 1798 DATA IF OS GOOD QUALITY.	1
015CM00011	1798BOUYANCY IS	2
015CM00011	1798INSUFFICIENT TO ACCOMMODATE THE UNEXPE	3
015CM00011	1798CTED 1 TO 2 KNOT	4
015CM00011	1798CURRENTS. UPPER METERS DIVED DURING P	5
015CM00011	1798PERIODS OF HIGH	6
015CM00011	1798CURRENTS.	7
015CM00011	1798	8
015CM00011	1798	9
015CM00011	1798	10
015CM00011	1798CONVERSION EQUATIONS OBTAINED FROM NRC	11
015CM00011	1798C CALIBRATION	12
015CM00011	1798 INFORMATION DATED FEBRUARY, 1976.	13
015CM00011	1798	14
015CM00011	1798	15
015CM00011	1798	16
015CM00011	1798 TEMP=-2.479+2.2939E-2*N2-1.8479E	17
015CM00011	1798-6*(N2**2)	18
015CM00011	1798 +2.2791E-9*(N2**3)	19
015CM00011	1798	20
015CM00011	1798 COND=(6.685E-2*N3 + 0.07)	21
015CM00011	1798	22
015CM00011	1798 DEPTH=(0.10858*N4 - 5.57)/ 1.458	23
015CM00011	1798	24
015CM00011	1798 DIR=0.3457*N5 + 1.2 + DECLINATIO	25
015CM00011	1798N	26
015CM00011	1798 SPEED= (2.8*N6)/SAMPLING INTERVA	27
015CM00011	1798L + 1.5	28
015CM00011	1798	29
015CM00011	1798	30
015CM00011	1798 NOTE--	31
015CM00011	1798	32
015CM00011	1798 CONDUCTIVITY FIELD IN DETAIL R	33
015CM00011	1798ECORD CONTAINS	34
015CM00011	1798 SALINITY IN PARTS/THOUSAND.	35
015CM00011	1798 THE CONVERSION	36
015CM00011	1798 EQUATIONS USED WERE INCLUDED	37
015CM00011	1798 AS PART OF THE DDF.	38
015CM00011	1798	39
015CM00011	1798	40
015CM00012	1798584469N1485529W 289 29 1C1 27GAS9C 7426	
015CM00013	179876 72219 0 0 4011 5157 8722 2583213	1
015CM00013	179876 7221920 0 4193 4487 8448 2623210	2
015CM00013	179876 7221940 0 4716 3912 7360 2693218	3
015CM00013	179876 72220 0 0 3974 4251 9110 2673220	4
015CM00013	179876 7222020 0 3898 4377 9247 2673221	5
015CM00013	179876 7222040 0 4549 3914 9407 2803207	6
015CM00013	179876 72221 0 0 4840 3500 9041 2713205	7
015CM00013	179876 7222120 0 5507 2386 8745 2713225	8
015CM00013	179876 7222140 0 5970 1499 8176 2723228	9

FIRST 50 RECORDS OF METER

015CM00031	1770METER 1770 DATA IS OF GOOD QUALITY	1
015CM00031	1770	2
015CM00031	1770	3
015CM00031	1770	4
015CM00031	1770CONVERSION EQUATIONS OBTAINED FROM NRC	5
015CM00031	1770C CALIBRATIONS	6
015CM00031	1770INFORMATION DATED AUGUST. 1975.	7
015CM00031	1770	8
015CM00031	1770	9
015CM00031	1770	10
015CM00031	1770 TEMP= -2.542 + 2.2857E-2*N2-1.53	11
015CM00031	177066E-6*(N2**2)	12
015CM00031	1770 + 2.0781E-9*(N2**3)	13
015CM00031	1770	14
015CM00031	1770 COND= 6.834E-2*N3 - 0.249	15
015CM00031	1770	16
015CM00031	1770 DEPTH=(0.542*N4 - 29.1)/1.458	17
015CM00031	1770	18
015CM00031	1770 DIR=0.3401*N5 + .4.3 + DECLINATIO	19
015CM00031	1770N	20
015CM00031	1770 SPEED=((2.8*N6)/SAMPLING INTERVA	21
015CM00031	1770L) + 1.5	22
015CM00031	1770	23
015CM00031	1770	24
015CM00031	1770 NOTE--	25
015CM00031	1770	26
015CM00031	1770 CONDUCTIVITY FIELD IN DETAIL R	27
015CM00031	1770RECORD CONTAINS	28
015CM00031	1770 SALINITY IN PARTS/THOUSAND.	29
015CM00031	1770 THE CONVERSION	30
015CM00031	1770 EQUATIONS USED WERE INCLUDED	31
015CM00031	1770 AS PART OF THE DDF.	32
015CM00031	1770	33
015CM00031	1770	34
015CM00032	1770584469N1485529W 289 59 1C1 27GAS9C 7426	
015CM00033	177076 72219 4 0 1260 4163 5471 5623299	1
015CM00033	177076 7221924 0 1136 3674 5516 5693303	2
015CM00033	177076 7221944 0 2666 3401 5516 5813295	3
015CM00033	177076 72220 4 0 3144 3511 5629 5773299	4
015CM00033	177076 7222024 0 3337 3309 5516 5773295	5
015CM00033	177076 7222044 0 3465 2942 5516 5813295	6
015CM00033	177076 72221 4 0 3643 2947 5606 5773294	7
015CM00033	177076 7222124 0 3857 2758 5584 5773296	8
015CM00033	177076 7222144 0 3991 2611 5561 5773298	9
015CM00033	177076 72222 4 0 4108 2584 5516 5693303	10
015CM00033	177076 7222224 0 4188 2397 5516 5693295	11
015CM00033	177076 7222244 0 4067 2491 5471 5583299	12
015CM00033	177076 72223 4 0 3822 2218 5449 5553301	13
015CM00033	177076 7222324 0 3641 2113 5426 5553296	14
015CM00033	177076 7222344 0 3665 2012 5426 5493304	15

FIRST 50 RECORDS OF METER

015CM00021	2041	METER 2041 --SPEED FAILURE OCCURS	1
015CM00021	2041	ON 25 JULY 76.	2
015CM00021	2041	COMPLETE SYSTEM FAILURE OCCURS ON 30 J	3
015CM00021	2041	ULY 76 DUE TO FLOODING.	4
015CM00021	2041		5
015CM00021	2041		6
015CM00021	2041	CONVERSION EQUATIONS OBTAINED FROM AA	7
015CM00021	2041	NDERAA FACTORY EQUATIONS	8
015CM00021	2041	DATED DECEMBER, 1975.	9
015CM00021	2041		10
015CM00021	2041		11
015CM00021	2041		12
015CM00021	2041	TEMP=-2.462 + 2.277E-2*N2 - 1.34	13
015CM00021	2041	4E-6*(N2**2)	14
015CM00021	2041	+ 1.939D-9*(N2**3)	15
015CM00021	2041		16
015CM00021	2041	COND=6.772E-2*N3 - 0.068	17
015CM00021	2041		18
015CM00021	2041	DEPTH= (0.1534*N4 - 8.56) - /1.024	19
015CM00021	2041		20
015CM00021	2041	DIR= 0.349*N5 + 1.5 + DECLINATIO	21
015CM00021	2041	N	22
015CM00021	2041	SPEED=(2.8*N6/SAMPLING INTERVAL)	23
015CM00021	2041	+1.5	24
015CM00021	2041		25
015CM00021	2041		26
015CM00021	2041	NOTE--	27
015CM00021	2041		28
015CM00021	2041	CONDUCTIVITY FIELD IN DETAIL R	29
015CM00021	2041	RECORD CONTAINS	30
015CM00021	2041	SALINITY IN PARTS/THOUSAND.	31
015CM00021	2041	THE CONVERSION	32
015CM00021	2041	EQUATIONS USED WERE INCLUDED	33
015CM00021	2041	AS PART OF THE DDF.	34
015CM00021	2041		35
015CM00021	2041		36
015CM00022	2041	584469N1485529W 289 39 1C1 27GAS9C	448
015CM00023	204176	72219 2 0 3255 5142 6441 3503224	1
015CM00023	204176	7221922 0 3150 4976 6057 3553231	2
015CM00023	204176	7221942 0 4108 4489 6125 3683232	3
015CM00023	204176	72220 2 0 5022 3842 6849 3613223	4
015CM00023	204176	7222022 0 5144 2897 6872 3613228	5
015CM00023	204176	7222042 0 4925 3099 6600 3703239	6
015CM00023	204176	72221 2 0 5377 2333 6872 3653258	7
015CM00023	204176	7222122 0 5272 2364 6917 3653224	8
015CM00023	204176	7222142 0 5563 2137 6645 3653227	9
015CM00023	204176	72222 2 0 5624 2360 6261 3623234	10
015CM00023	204176	7222222 0 5722 1137 6283 3613239	11
015CM00023	204176	7222242 0 5493 816 6261 3493234	12
015CM00023	204176	72223 2 0 5002 1089 6328 3443235	13

FIRST 50 RECORDS OF METER

015CM00041	2119	METER 2119 DATA IS OF GOOD QUALITY.	1
015CM00041	2119		2
015CM00041	2119		3
015CM00041	2119		4
015CM00041	2119	CONVERSION EQUATIONS OBTAINED FROM NR	5
015CM00041	2119	CC CALIBRATION	6
015CM00041	2119	INFORMATION DATED JUNE, 1976.	7
015CM00041	2119		8
015CM00041	2119		9
015CM00041	2119		10
015CM00041	2119	TEMP=-2.471+2.2806E-2*N2 - 1.496	11
015CM00041	2119	5E-6*(N2**2)	12
015CM00041	2119	+2.03E-9*(N2**3)	13
015CM00041	2119		14
015CM00041	2119	COND=6.682E-2*N3 - 0.18	15
015CM00041	2119		16
015CM00041	2119	DEPTH=(0.5412*N4-29.1)/1.458	17
015CM00041	2119		18
015CM00041	2119	DIR=0.3484*N5+-0.1+-DECLINATIO	19
015CM00041	2119		20
015CM00041	2119	SPEED=((2.8*N6)/SAMPLING INTERVA	21
015CM00041	2119	L) + 1.5	22
015CM00041	2119		23
015CM00041	2119		24
015CM00041	2119	NOTE--	25
015CM00041	2119		26
015CM00041	2119	CONDUCTIVITY FIELD IN DETAIL R	27
015CM00041	2119	RECORD CONTAINS	28
015CM00041	2119	SALINITY IN PARTS/THOUSAND.	29
015CM00041	2119	THE CONVERSION	30
015CM00041	2119	EQUATIONS USED WERE INCLUDED	31
015CM00041	2119	AS PART OF THE DDF.	32
015CM00041	2119		33
015CM00041	2119		34
015CM00042	2119	584469N1485529W 289 109 1C1 27GAS9C	7426
015CM00043	211976	72219 6 0 1776 1310 5144 10663277	1
015CM00043	211976	7221926 0 1412 1271 5122 10733272	2
015CM00043	211976	7221946 0 1800 1278 5167 10843275	3
015CM00043	211976	72220 6 0 1954 1300 5167 10813275	4
015CM00043	211976	7222026 0 2100 1169 5212 10813278	5
015CM00043	211976	7222046 0 2576 1048 5189 10843281	6
015CM00043	211976	72221 6 0 2765 1346 5054 10843271	7
015CM00043	211976	7222126 0 2599 1207 5009 10843275	8
015CM00043	211976	7222146 0 2643 821 5077 10813276	9
015CM00043	211976	72222 6 0 2905 712 5054 10773271	10
015CM00043	211976	7222226 0 2696 626 5099 10733274	11
015CM00043	211976	7222246 0 2490 642 5144 10663277	12
015CM00043	211976	72223 6 0 2179 795 5144 10623277	13
015CM00043	211976	7222326 0 1896 923 5077 10583276	14
015CM00043	211976	7222346 0 1689 1065 5122 10513280	15

FIRST 50 RECORDS OF METER

015CM00051	2120METER 2120 DATA IS OF GOOD QUALITY	1
015CM00051	2120	2
015CM00051	2120	3
015CM00051	2120	4
015CM00051	2120CONVERSION EQUATIONS OBTAINED FROM NRC	5
015CM00051	2120C CALIBRATION	6
015CM00051	2120INFORMATION DATED JUNE, 1976.	7
015CM00051	2120	8
015CM00051	2120	9
015CM00051	2120	10
015CM00051	2120 TEMP=-2.513+2.305E-2*N2 - 2.0278	11
015CM00051	2120E-6*(N2**2)	12
015CM00051	2120 + 2.3679E-9*(N2**3)	13
015CM00051	2120	14
015CM00051	2120 COND= 6.671E-2 * N3	15
015CM00051	2120	16
015CM00051	2120 DEPTH=(0.5429*N4 - 29.2)/1.458	17
015CM00051	2120	18
015CM00051	2120 DIR=0.3474*N5 + 2.6 + DECLINATIO	19
015CM00051	2120N	20
015CM00051	2120 SPEED=((2.8*N6)/SAMPLING INTERVA	21
015CM00051	2120L) + 1.5	22
015CM00051	2120	23
015CM00051	2120	24
015CM00051	2120 NOTE--	25
015CM00051	2120	26
015CM00051	2120 CONDUCTIVITY FIELD IN DETAIL R	27
015CM00051	2120ECORD CONTAINS	28
015CM00051	2120 SALINITY IN PARTS/THOUSAND.	29
015CM00051	2120 THE CONVERSION	30
015CM00051	2120 EQUATIONS USED WERE INCLUDED	31
015CM00051	2120 AS PART OF THE DDF.	32
015CM00051	2120	33
015CM00051	2120	34
015CM00052	2120584469N1485529W 289 279 1C1 27GA59C 7426	
015CM00053	212076 72219 8 0 1163 -1892 4732 27783386	1
015CM00053	212076 7221928 0 750 -1745 4732 27783394	2
015CM00053	212076 7221948 0 455 -1844 4732 27783394	3
015CM00053	212076 72220 8 0 313 -1831 4732 27783394	4
015CM00053	212076 7222028 0 156 -1724 4710 27783396	5
015CM00053	212076 7222048 0 -152 -1556 4732 27783394	6
015CM00053	212076 72221 8 0 -85 -1393 4732 27783394	7
015CM00053	212076 7222128 0 -42 -1381 4732 27783386	8
015CM00053	212076 7222148 0 -801 -1056 4732 27783394	9
015CM00053	212076 72222 8 0 -973 -921 4732 27783394	10
015CM00053	212076 7222228 0 -1088 -598 4732 27783394	11
015CM00053	212076 7222248 0 -1338 -204 4732 27783394	12
015CM00053	212076 72223 8 0 -1362 -124 4732 27783394	13
015CM00053	212076 7222328 0 -1633 -9 4732 27783394	14
015CM00053	212076 7222348 0 -1897 103 4732 27783394	15

D. INSTRUMENT CALIBRATION

RECEIVED
OCT 7 1977

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 #1798	FEB 1976		NRCC						
AANDERAA RCM 4 #2041	DEC 1975		AANDERAA FACTORY EQU.						
AANDERAA RCM 4 #1770	AUG 75		NRCC						
AANDERAA RCM 4 #2119	JUN 76		NRCC						
AANDERAA RCM 4 #2120	JUN 76		NRCC						

77-0844-015

NO. PAY ...

1. NAME NUMBER OF ... ~~01 09 SHAW MATT 26~~

2. COPY (DATE) TO ... ^{DMSCAN} ~~01 09 SHAW 014194~~ BLKSIZE 4800, LRECL 060

3. REFORMATTED TAPE (IF REQUIRED) / / / / /

4. USER TAPE GENERATION / / 03, 31: GJL 011776

5. CHECK RUN (ERRORS) / / 02, 17: EA 014194, BLKSIZE 4800, LRECL 060

6. CHECK RUN (OK) / / 03, 14: GJL

6. CRUNCH TAPE FROM "USER" / / / / /

7. EVALUATION OF ORIGINATOR CCF / / 3, 79: MRL

8. NAFIS COUNT PROGRAM RUN ~~/ / 02, 17: EA~~

9. DIR INVENTORY PROGRAM RUN / / 3, 79: MRL

10. ...

47

015-3

WZ 000577

ANSI 013804

10328

7435 (C 4042)

60/4800, FO15

#1 UØ2Ø422

TR 2087-2091, 2790-2804, 2955-2963, 2994-2997,
2999, 3081-3085, 3088-3095

545,088

accession no: 77-0844

NSDCHEK *** NON-STANDARD DATA FIELD CHECKING PROGRAM
THIS IS 03/15/78 VERSION WITH NUMERIC RANGE CHECKING

USER'S INPUT REQUESTS FOLLOW:
LRECL HAS BEEN SPECIFIED AS 60
STATION HEADER RECORD SPECIFIED AS 2
RECORD TYPES FLAGGED FOR RETRIEVAL ARE 1234
STATION STARTS IN POSITION 11 FOR 5 BYTES
STATION WILL APPEAR ON RECORD TYPES 1234
RECORD TYPE WILL BE TAKEN FROM COLUMN 10 OF THE INPUT RECORDS
FILETYPE IS 015

NO OBVIOUS ERRORS FOUND IN TABLE GENERATION PHASE - SUCCESSFUL EXECUTION EXPECTED

015TR20871 1798 METER 1798 DATA IF DS GOOD QUALITY. 1
??????

FIRST FILE ID
?????

STATION NUMBER HAS CHANGED WITHOUT A MASTER
THE FIELDS BELOW WERE CHECKED AS FOLLOWS (S=SIGN/B=BLANK/T=TAXONOMIC CODE/N=NUMERIC/M=MANDATORY NUMERIC

TYPE	REC	POS	LENGTH	NAME	RANGE LOW	TESTED HIGH	ACTUAL LOWEST	HIGHEST	MEAN	S. DEV	COUNT
M	2	16	2	LATDEG	30	80	58	58	58.00	.00	1
M	2	18	2	LATMIN	00	59	44	44	44.00	.00	1
N	2	20	2	LATMIN 1/100	00	99	69	69	69.00	.00	1
C	2	22	1	LATHEM	N	N					
M	2	23	3	LONGDEG	065	179	148	148	148.00	.00	1
M	2	26	2	LONMIN	00	59	55	55	55.00	.00	1
N	2	28	2	LONMIN 1/100	00	99	29	29	29.00	.00	1
C	2	30	1	LONHEM	W	W					
N	2	31	5	DEPTH TO BOTTOM	00001	60000	289	289	289.00	.00	1
N	2	36	5	DEPTH OF METER	00000	60000	29	29	29.00	.00	1
M	3	16	2	OBS DATE YR	74	80	NO VALUES FOUND FOR THIS PARAMETER				
M	3	18	2	OBS DATE MO	01	12	NO VALUES FOUND FOR THIS PARAMETER				
M	3	20	2	OBS DATE DAY	01	31	NO VALUES FOUND FOR THIS PARAMETER				
M	3	22	2	OBS DATE HR	00	23	NO VALUES FOUND FOR THIS PARAMETER				
M	3	24	2	OBS DATE MIN	00	59	NO VALUES FOUND FOR THIS PARAMETER				
N	3	26	2	OBS DATE 1/100 MIN	00	99	NO VALUES FOUND FOR THIS PARAMETER				
M	3	28	6	E-W (U) COMPONENT	-20000	20000	NO VALUES FOUND FOR THIS PARAMETER				
M	3	34	6	N-S (V) COMPONENT	-20000	20000	NO VALUES FOUND FOR THIS PARAMETER				
N	3	40	4	TEMPERATURE TO 1/100	-200	2200	NO VALUES FOUND FOR THIS PARAMETER				
N	3	45	5	PRESSURE DB TO 1/10	00010	60000	NO VALUES FOUND FOR THIS PARAMETER				
N	3	50	4	CONDUCTIVITY	1500	5500	NO VALUES FOUND FOR THIS PARAMETER				
M	4	16	2	OBS DATE YR	74	80	76	76	76.00	.00	7426
M	4	18	2	OBS DATE MO	01	12	7	11	8.85	1.08	7426
M	4	20	2	OBS DATE DAY	01	31	1	31	16.55	9.21	7426
M	4	22	2	OBS DATE HR	00	23	0	23	11.51	6.92	7426
M	4	24	2	OBS DATE MIN	00	59	0	40	19.99	16.33	7426
N	4	26	2	OBS DATE 1/100 MIN	00	99	0	0	00	.00	7426
M	4	28	6	E-W (U) COMPONENT	-20000	20000	7811	7924	303.96	3073.11	7426
M	4	34	6	N-S (V) COMPONENT	-20000	20000	10715	7875	775.84	3062.60	7426
N	4	40	4	TEMPERATURE TO 1/100	-200	2200	571	1333	995.36	122.36	7426
N	4	45	5	PRESSURE DB TO 1/10	00010	60000	159	640	226.95	47.94	7426
N	4	50	4	SALINITY	2000	3600	3101	3289	3205.57	24.15	7425

RECORDS READ : 7467

 015TR20881 2041 METER 2041 --SPEED FAILURE OCCURS 1
 ??????

FILE ID HAS CHANGED

STATION NUMBER HAS CHANGED WITHOUT A MASTER
 THE FIELDS BELOW WERE CHECKED AS FOLLOWS (S=SIGN/B=BLANK/T=TAXONOMIC CODE/N=NUMERIC/M=MANDATORY NUMERIC

TYPE	REC	POS	LENGTH	NAME	RANGE LOW	TESTED HIGH	ACTUAL LOWEST	RANGE HIGHEST	MEAN	S. DEV	COUNT
M	2	16	2	LATDEG	30	80	58	58	58,00	.00	1
M	2	18	2	LATMIN	00	59	44	44	44,00	.00	1
N	2	20	2	LATMIN 1/100	00	99	69	69	69,00	.00	1
C	2	22	1	LATHEM	N	N					
M	2	23	3	LONGDEG	065	179	148	148	148,00	.00	1
M	2	26	2	LONMIN	00	59	55	55	55,00	.00	1
N	2	28	2	LONMIN 1/100	00	99	29	29	29,00	.00	1
C	2	30	1	LONHEM	W	W					
N	2	31	5	DEPTH TO BOTTOM	00001	60000	289	289	289,00	.00	1
N	2	36	5	DEPTH OF METER	00000	60000	39	39	39,00	.00	1
M	3	16	2	OBS DATE YR	74	80	NO VALUES FOUND FOR THIS PARAMETER				
M	3	18	2	OBS DATE MO	01	12	NO VALUES FOUND FOR THIS PARAMETER				
M	3	20	2	OBS DATE DAY	01	31	NO VALUES FOUND FOR THIS PARAMETER				
M	3	22	2	OBS DATE HR	00	23	NO VALUES FOUND FOR THIS PARAMETER				
M	3	24	2	OBS DATE MIN	00	59	NO VALUES FOUND FOR THIS PARAMETER				
N	3	26	2	OBS DATE 1/100 MIN	00	99	NO VALUES FOUND FOR THIS PARAMETER				
M	3	28	6	E-W (U) COMPONENT	-20000	20000	NO VALUES FOUND FOR THIS PARAMETER				
M	3	34	6	N-S (V) COMPONENT	-20000	20000	NO VALUES FOUND FOR THIS PARAMETER				
N	3	40	4	TEMPERATURE TO 1/100	-200	2200	NO VALUES FOUND FOR THIS PARAMETER				
N	3	45	5	PRESSURE DB TO 1/10	00010	60000	NO VALUES FOUND FOR THIS PARAMETER				
N	3	50	4	CONDUCTIVITY	1500	5500	NO VALUES FOUND FOR THIS PARAMETER				
M	4	16	2	OBS DATE YR	74	80	76	76	76,00	.00	448
M	4	18	2	OBS DATE MO	01	12	7	7	7,00	.00	448
M	4	20	2	OBS DATE DAY	01	31	22	29	25,39	1,80	448
M	4	22	2	OBS DATE HR	00	23	0	23	11,79	7,03	448
M	4	24	2	OBS DATE MIN	00	59	2	42	21,95	16,34	448
N	4	26	2	OBS DATE 1/100 MIN	00	99	0	0	.00	.00	448
M	4	28	6	E-W (U) COMPONENT	-20000	20000	4621	6669	987,41	3109,84	448
M	4	34	6	N-S (V) COMPONENT	-20000	20000	4542	6495	2285,31	2468,34	448
N	4	40	4	TEMPERATURE TO 1/100	-200	2200	558	1113	762,19	146,84	448
N	4	45	5	PRESSURE DB TO 1/10	00010	60000	269	479	340,96	46,50	448
N	4	50	4	SALINITY	2000	3600	3187	3273	3226,67	10,97	448

RECORDS READ : 485

 015TR20891 1770METER 1770 DATA IS OF GOOD QUALITY 1
 ??????

FILE ID HAS CHANGED
 ?????

STATION NUMBER HAS CHANGED WITHOUT A MASTER
 THE FIELDS BELOW WERE CHECKED AS FOLLOWS (S=SIGN/B=BLANK/T=TAXONOMIC CODE/N=NUMERIC/M=MANDATORY NUMERIC)

TYPE	REC	POS	LENGTH	NAME	RANGE TESTED		ACTUAL RANGE		MEAN	S. DEV	COUNT
					LOW	HIGH	LOWEST	HIGHEST			
M	2	16	2	LATDEG	30	80	58	58	58.00	.00	1
M	2	18	2	LATMIN	00	59	44	44	44.00	.00	1
N	2	20	2	LATMIN 1/100	00	99	69	69	69.00	.00	1
C	2	22	1	LATHEM	N	N					
M	2	23	3	LONGDEG	065	179	148	148	148.00	.00	1
M	2	26	2	LONMIN	00	59	55	55	55.00	.00	1
N	2	28	2	LONMIN 1/100	00	99	29	29	29.00	.00	1
C	2	30	1	LONHEM	W	W					
N	2	31	5	DEPTH TO BOTTOM	00001	60000	289	289	289.00	.00	1
N	2	36	5	DEPTH OF METER	00000	60000	59	59	59.00	.00	1
M	3	16	2	OBS DATE YR	74	80	NO VALUES FOUND FOR THIS PARAMETER				
M	3	18	2	OBS DATE MO	01	12	NO VALUES FOUND FOR THIS PARAMETER				
M	3	20	2	OBS DATE DAY	01	31	NO VALUES FOUND FOR THIS PARAMETER				
M	3	22	2	OBS DATE HR	00	23	NO VALUES FOUND FOR THIS PARAMETER				
M	3	24	2	OBS DATE MIN	00	59	NO VALUES FOUND FOR THIS PARAMETER				
N	3	26	2	OBS DATE 1/100 MIN	00	99	NO VALUES FOUND FOR THIS PARAMETER				
M	3	28	6	E-W (U) COMPONENT	-20000	20000	NO VALUES FOUND FOR THIS PARAMETER				
M	3	34	6	N-S (V) COMPONENT	-20000	20000	NO VALUES FOUND FOR THIS PARAMETER				
N	3	40	4	TEMPERATURE TO 1/100	-200	2200	NO VALUES FOUND FOR THIS PARAMETER				
N	3	45	5	PRESSURE DB TO 1/10	00010	60000	NO VALUES FOUND FOR THIS PARAMETER				
N	3	50	4	CONDUCTIVITY	1500	5500	NO VALUES FOUND FOR THIS PARAMETER				
M	4	16	2	OBS DATE YR	74	80	76	76	76.00	.00	7426
M	4	18	2	OBS DATE MO	01	12	7	11	8.85	1.08	7426
M	4	20	2	OBS DATE DAY	01	31	1	31	16.55	9.21	7426
M	4	22	2	OBS DATE HR	00	23	0	23	11.51	6.92	7426
M	4	24	2	OBS DATE MIN	00	59	4	44	23.99	16.94	7426
N	4	26	2	OBS DATE 1/100 MIN	00	99	0	0	.00	.00	7426
M	4	28	6	E-W (U) COMPONENT	-20000	20000	-7750	7025	-412.74	2633.91	7426
M	4	34	6	N-S (V) COMPONENT	-20000	20000	-8562	7809	636.95	2542.74	7426
N	4	40	4	TEMPERATURE TO 1/100	-200	2200	115-520	1167	746.26	117.13	7426
N	4	45	5	PRESSURE DB TO 1/10	00010	60000	454	852	515.12	41.99	7425
N	4	50	4	SALINITY	2000	3600	3187	3355	3282.50	17.05	7426

RECORDS READ :

7461

 015TR20901 2119METER 2119 DATA IS OF GOOD QUALITY, 1

?????

FILE ID HAS CHANGED

?????

STATION NUMBER HAS CHANGED WITHOUT A MASTER

THE FIELDS BELOW WERE CHECKED AS FOLLOWS (S=SIGN/B=BLANK/T=TAXONOMIC CODE/N=NUMERIC/M=MANDATORY NUMERIC

TYPE	REC	PDS	LENGTH	NAME	RANGE TESTED		ACTUAL RANGE		MEAN	S. DEV	COUNT
					LOW	HIGH	LOWEST	HIGHEST			
M	2	16	2	LATDEG	30	80	58	58	58.00	.00	1
M	2	18	2	LATMIN	00	59	44	44	44.00	.00	1
N	2	20	2	LATMIN 1/100	00	99	69	69	69.00	.00	1
C	2	22	1	LATHEM	N	N					
M	2	23	3	LONGDEG	065	179	148	148	148.00	.00	1
M	2	26	2	LONGMIN	00	59	55	55	55.00	.00	1
N	2	28	2	LONGMIN 1/100	00	99	29	29	29.00	.00	1
C	2	30	1	LONGHEM	W	W					
N	2	31	5	DEPTH TO BOTTOM	00001	60000	289	289	289.00	.00	1
N	2	36	5	DEPTH OF METER	00000	60000	109	109	109.00	.00	1
M	3	16	2	OBS DATE YR	74	80	NO VALUES FOUND FOR THIS PARAMETER				
M	3	18	2	OBS DATE MO	01	12	NO VALUES FOUND FOR THIS PARAMETER				
M	3	20	2	OBS DATE DAY	01	31	NO VALUES FOUND FOR THIS PARAMETER				
M	3	22	2	OBS DATE HR	00	23	NO VALUES FOUND FOR THIS PARAMETER				
M	3	24	2	OBS DATE MIN	00	59	NO VALUES FOUND FOR THIS PARAMETER				
N	3	26	2	OBS DATE 1/100 MIN	00	99	NO VALUES FOUND FOR THIS PARAMETER				
M	3	28	6	E-W (U) COMPONENT	-20000	20000	NO VALUES FOUND FOR THIS PARAMETER				
M	3	34	6	N-S (V) COMPONENT	-20000	20000	NO VALUES FOUND FOR THIS PARAMETER				
N	3	40	4	TEMPERATURE TO 1/100	-200	2200	NO VALUES FOUND FOR THIS PARAMETER				
N	3	45	5	PRESSURE DB TO 1/10	00010	60000	NO VALUES FOUND FOR THIS PARAMETER				
N	3	50	4	CONDUCTIVITY	1500	5500	NO VALUES FOUND FOR THIS PARAMETER				
M	4	16	2	OBS DATE YR	74	80	76	76	76.00	.00	7426
M	4	18	2	OBS DATE MO	01	12	7	11	8.85	1.08	7426
M	4	20	2	OBS DATE DAY	01	31	1	31	16.55	9.21	7426
M	4	22	2	OBS DATE HR	00	23	0	23	11.51	6.92	7426
M	4	24	2	OBS DATE MIN	00	59	6	46	25.99	16.34	7426
N	4	26	2	OBS DATE 1/100 MIN	00	99	0	0	.00	.00	7426
M	4	28	6	E-W (U) COMPONENT	-20000	20000	10759	5863	359.55	2207.75	7426
M	4	34	6	N-S (V) COMPONENT	-20000	20000	9667	5328	538.89	2003.66	7426
N	4	40	4	TEMPERATURE TO 1/100	-200	2200	458	842	566.15	34.50	7426
N	4	45	5	PRESSURE DB TO 1/10	00010	60000	1006	1344	1051.02	36.42	7426
N	4	50	4	SALINITY	2000	3600	3231	3368	3282.78	24.93	7426

RECORDS READ :

7461

 015TR20911 2120METER 2120 DATA IS OF GOOD QUALITY 1

?????

FILE ID HAS CHANGED

?????

STATION NUMBER HAS CHANGED WITHOUT A MASTER

THE FIELDS BELOW WERE CHECKED AS FOLLOWS (S=SIGN/B=BLANK/T=TAXONOMIC CODE/N=NUMERIC/M=MANDATORY NUMERIC

TYPE	REC	POS	LENGTH	NAME	RANGE TESTED		ACTUAL RANGE		MEAN	S. DEV	COUNT
					LOW	HIGH	LOWEST	HIGHEST			
M	2	16	2	LATDEG	30	80	58	58	58.00	.00	1
M	2	18	2	LATMIN	00	59	44	44	44.00	.00	1
N	2	20	2	LATMIN 1/100	00	99	69	69	69.00	.00	1
C	2	22	1	LATHEM	N	N					
M	2	23	3	LONGDEG	065	179	148	148	148.00	.00	1
M	2	26	2	LONMIN	00	59	55	55	55.00	.00	1
N	2	28	2	LONMIN 1/100	00	99	29	29	29.00	.00	1
C	2	30	1	LONHEM	W	W					
N	2	31	5	DEPTH TO BOTTOM	00001	60000	289	289	289.00	.00	1
N	2	36	5	DEPTH OF METER	00000	60000	279	279	279.00	.00	1
M	3	16	2	OBS DATE YR	74	80	NO VALUES FOUND FOR THIS PARAMETER				
M	3	18	2	OBS DATE MO	01	12	NO VALUES FOUND FOR THIS PARAMETER				
M	3	20	2	OBS DATE DAY	01	31	NO VALUES FOUND FOR THIS PARAMETER				
M	3	22	2	OBS DATE HR	00	23	NO VALUES FOUND FOR THIS PARAMETER				
M	3	24	2	OBS DATE MIN	00	59	NO VALUES FOUND FOR THIS PARAMETER				
N	3	26	2	OBS DATE 1/100 MIN	00	99	NO VALUES FOUND FOR THIS PARAMETER				
M	3	28	6	E-W (U) COMPONENT	=20000	20000	NO VALUES FOUND FOR THIS PARAMETER				
M	3	34	6	N-S (V) COMPONENT	=20000	20000	NO VALUES FOUND FOR THIS PARAMETER				
N	3	40	4	TEMPERATURE TO 1/100	=200	2200	NO VALUES FOUND FOR THIS PARAMETER				
N	3	45	5	PRESSURE DB TO 1/10	00010	60000	NO VALUES FOUND FOR THIS PARAMETER				
N	3	50	4	CONDUCTIVITY	1500	5500	NO VALUES FOUND FOR THIS PARAMETER				
M	4	16	2	OBS DATE YR	74	80	76	76	76.00	.00	7426
M	4	18	2	OBS DATE MO	01	12	7	11	8.85	1.08	7426
M	4	20	2	OBS DATE DAY	01	31	1	31	16.55	9.21	7426
M	4	22	2	OBS DATE HR	00	23	0	23	11.51	6.92	7426
M	4	24	2	OBS DATE MIN	00	59	8	48	27.99	16.34	7426
N	4	26	2	OBS DATE 1/100 MIN	00	99	0	0	.00	.00	7426
M	4	28	6	E-W (U) COMPONENT	=20000	20000	3173	3883	68.45	858.37	7426
M	4	34	6	N-S (V) COMPONENT	=20000	20000	4780	3615	345.94	1963.83	7426
N	4	40	4	TEMPERATURE TO 1/100	=200	2200	414	540	478.65	23.92	7426
N	4	45	5	PRESSURE DB TO 1/10	00010	60000	2763	2808	2779.98	8.63	7426
N	4	50	4	SALINITY	2000	3600	3369	3416	3399.70	7.91	7426

RECORDS READ !

7461

Password:

accNo	fleA	refNo	proj	inst	ship	startDate	cruise	catId
7700844	F015	TR2087	0081	31I7	317F	1976/07/22	GASS 9C	305138
7700844	F015	TR2088	0081	31I7	317F	1976/07/22	GASS 9C	305139
7700844	F015	TR2089	0081	31I7	317F	1976/07/22	GASS 9C	305140
7700844	F015	TR2090	0081	31I7	317F	1976/07/22	GASS 9C	305141
7700844	F015	TR2091	0081	31I7	317F	1976/07/22	GASS 9C	305142

(5 rows affected)

Password:

accNo	fileA	refNo	ship	staCnt	recCnt	startDate	endDate
7700844	F015	TR2087	317F	5	7467	76/07/22	76/11/01
7700844	F015	TR2088	317F	1	485	76/07/22	76/07/22
7700844	F015	TR2089	317F	5	7461	76/07/22	76/11/01
7700844	F015	TR2090	317F	5	7461	76/07/22	76/11/01
7700844	F015	TR2091	317F	5	7461	76/07/22	76/11/01

(5 rows affected)