ACCESSION NUMBER 76-1368(a)

DDF-B:1:14 DATA DOCUMENTATION FORM T1R0070

NOAA FORM 24-13 (4-72)

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

FORM APPROVED O.M.B. No. 41-R2651
F015

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

PMEL/NOAA
3711 15th NE
Seattle, Washington 98105

2. EXPEDITION, PROJECT, OR PROGRAM DURING WHICH DATA WERE COLLECTED

OCSEAP — Gulf of Alaska

3. CRUISE NUMBER(S) USED BY ORIGINATOR TO IDENTIFY DATA IN THIS SHIPMENT

Tape ID: WGC-113

4. PLATFORM NAME(S)

WGC-113

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

Buoy

6. PLATFORM AND OPERATOR NATIONALITY(IES)

PLATFORM	OPERATOR
U.S.	U.S.

7. DATES

FROM: MO/DAY/YR	TO: MO/DAY/YR
11/2/75	3/12/75

8. ARE DATA PROPRIETARY?

[X] 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?)

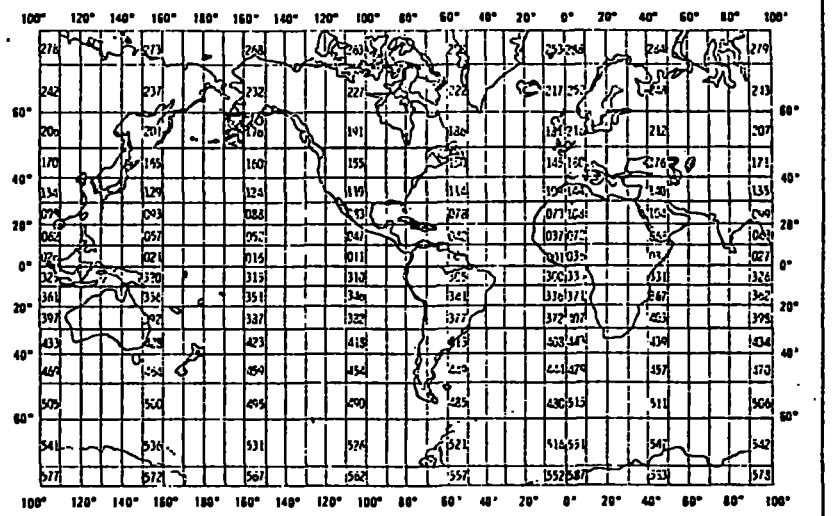
[X] NO [ ] YES [ ] PART *(SPECIFY BELOW)*

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

Pat Laird
(206) 442-4580

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

GENERAL AREA



NOAA FORM 24-13

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
Speed	cm/sec.	Aanderaa Current Meter RCM-4	N/A	N/A
Direction	°T	"	"	"
Temperature	°C	"	"	"
Conductivity	‰	"	"	"
Pressure	Decibars	"	"	"

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, text record (1), meter master record (2), and detail record (3), differentiated by byte 10.

2. GIVE BRIEF DESCRIPTION OF FILE ORGANIZATION

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

4. RESPONSIBLE COMPUTER SPECIALIST:
NAME AND PHONE NUMBER Donna Berdiner (206) 543-2607
ADDRESS Dept. of Oceanography, Univ. of Wash., Seattle, Wa. 98105

COMPLETE THIS SECTION IF DATA ARE ON MAGNETIC TAPE

5. RECORDING MODE: ☒ BCD ☐ BINARY ☐ ASCII ☐ EBCDIC ☐ _____

6. NUMBER OF TRACKS (CHANNELS): ☒ SEVEN ☐ NINE ☐ _____

7. PARITY: ☐ ODD ☒ EVEN

8. DENSITY: ☐ 200 BPI ☐ 1600 BPI ☐ 556 BPI ☒ 800 BPI ☐ _____

9. LENGTH OF INTER-RECORD GAP (IF KNOWN): ☒ 3/4 INCH ☐ _____

10. END OF FILE MARK: ☒ OCTAL 17 ☐ _____

11. PASTE-ON-PAPER LABEL DESCRIPTION (INCLUDE ORIGINATOR NAME AND SOME LAY SPECIFICATIONS OF DATA TYPE, VOLUME NUMBER)
PMEL/NOAA
Current Data
File 1 ID = WGC-1A
File 2 ID = WGC-2A
File 3 ID = WGC-1B

12. PHYSICAL BLOCK LENGTH IN BYTES: 3600 bytes

13. LENGTH OF BYTES IN BITS: 6 bits.

USER TAPE

COMPLETE THIS SECTION IF DATA ARE ON MAGNETIC TAPE

5. RECORDING MODE: ☐ BCD ☐ BINARY ☐ ASCII ☒ EBCDIC ☐ _____

6. NUMBER OF TRACKS (CHANNELS): ☐ SEVEN ☒ NINE ☐ _____

7. PARITY: ☐ ODD ☐ EVEN

8. DENSITY: ☐ 200 BPI ☒ 1600 BPI ☐ 556 BPI ☐ 800 BPI ☐ _____

9. LENGTH OF INTER-RECORD GAP (IF KNOWN): ☐ 3/4 INCH ☒ .56"

10. END OF FILE MARK: ☐ OCTAL 17 ☐ _____

11. PASTE-ON-PAPER LABEL DESCRIPTION (INCLUDE ORIGINATOR NAME AND SOME LAY SPECIFICATIONS OF DATA TYPE, VOLUME NUMBER)
User tape

LABEL = (17, NL),
VOL = SER = 011575

12. PHYSICAL BLOCK LENGTH IN BYTES: 4800

13. LENGTH OF BYTES IN BITS: 8

CURRENT METER
RECORD FORMAT DESCRIPTION

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

14. FIELD NAME	15. POSITION FROM-1- MEASURED IN Bytes (e.g., bits, bytes)	16. LENGTH NUMBER	16. LENGTH UNITS	17. ATTRIBUTES	18. USE AND MEANING
File Type	1	3	Bytes	A3	Always '015'
File Identification	4	6	"		
Record Type	10	1	"	I1	Always '1'
Meter Number	11	5	"		Analogous to NODC Station Number
Text	16	38	"	38A1	Additional pertinent information
Blank	54	1	"	1X	
Sequence Number	55	6	"	I6	Ascending numeric, used for sorting
METER MASTER RECORD (REQUIRED)					
File Type	1	3	Bytes	A3	Always '015'
File Identification	4	6	"		
Record Type	10	1	"	I1	Always '2'
Meter Number	11	5	"		Analogous to NODC Station Number
Latitude,					
Degrees	16	2	"	I2	
Minutes	18	2	"	I2	
Hundredths of minutes	20	2	"	I2	
Hemisphere	22	1	"	A1	'N' or 'S'
Longitude,					
Degrees	23	3	"	I3	
Minutes	26	2	"	I2	
Hundredths of minutes	28	2	"	I2	
Hemisphere	30	1	"	A1	'E' or 'W'
Depth to bottom	31	5	"	I5	Whole meters
Depth of current meter	36	5	"	I5	To tenths of a meter
Meter Usage Sequence Number	41	3	"	I3	Number of times meter has been used.
Institution Code	44	2	"	A2	NODC Institution Code
Axis Rotation	46	3	"	I3	In whole degrees clockwise from true north of V axis
Location Name	49	6	"	A6	OCSEP internal location code
Number of detail records	55	6	"	I6	Number of type '3' records

RECORD FORMAT DESCRIPTION CURRENT METER

RECORD NAME DETAIL RECORD (REQUIRED)

14. FIELD NAME	15. POSITION FROM-1 MEASURED IN Bytes (e.g., bits, bytes)	16. LENGTH NUMBER	16. LENGTH UNITS	17. ATTRIBUTES	18. USE AND MEANING
File Type	1	3	Bytes	A3	Always '015'
File Identification	4	6	Bytes	A6	
Record Type	10	1	Bytes	I1	Always '3'
Meter Number	11	5	Bytes	A5	Analogous to NODC Station Number
Year	16	2	Bytes	I2	Last two digits of years
Month	18	2	Bytes	I2	1-12
Day	20	2	Bytes	I2	1-31
Time					GMT
Hour	22	2	Bytes	I2	0-23
Minute	24	2	Bytes	I2	0-59
Hundredth of minute*	26	2	Bytes	I2	0-99
East-West (u) Current Component**	28	6	Bytes	I6	To hundredths. Positive (East, and North) understood. cm/sec
North-South (v) Current Component**	34	6	Bytes	I6	Negative (West and South) with negative sign. cm/sec
Temperature***	40	5	Bytes	I5	To thousandths. Minus sign when negative in °C
Pressure	45	5	Bytes	I5	To tenths in Decibars
Conductivity	50	4	Bytes	I4	To hundredths of mmho/cm
Blank	54	1	Bytes	1X	
Sequence Number	55	6	Bytes	I6	Ascending numeric, used for sorting

Blanks are used when significance of field indicated exceeds what is measured.

*Field not reported.

**Field reported to tenths.

***Field reported to hundredths.

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 CALIBRATED
		YOUR ORGANIZATION (√)	OTHER ORGANIZATION (GIVE NAME)	AT FIXED INTERVALS (√)	BEFORE OR AFTER USE (√)	BEFORE AND AFTER USE (√)	ONLY AFTER REPAIR (√)	ONLY WHEN NEW (√)	(√)
Aanderaa Current Meter RCM-4		✓				✓			
" Sime meter	1975		NOIC	✓ ~1yr.					

USCOMM-DC 44289-P72

ACCESSION NUMBER	76-1368 (6. TR0072

DATA DOCUMENTATION FORM

NOAA FORM 24-13

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

FORM APPROVED
O.M.B. No. 41-R2651

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

PMEL/NOAA
3711 15th NE
Seattle, Washington 98105

2. EXPEDITION, PROJECT, OR PROGRAM DURING WHICH DATA WERE COLLECTED

OCSEAP - Gulf of Alaska

3. CRUISE NUMBER(S) USED BY ORIGINATOR TO IDENTIFY DATA IN THIS SHIPMENT

File ID = WGC-2A

4. PLATFORM NAME(S)	5. PLATFORM TYPE(S) (E.G., SHIP, BUOY, ETC.)	6. PLATFORM AND OPERATOR NATIONALITY(IES)		7. DATES	
		PLATFORM	OPERATOR	FROM: MO/DAY/YR	TO: MO/DAY/YR
WGC-2A	Buoy	U.S.	U.S.	9/21/75	11/29/75

8. ARE DATA PROPRIETARY?

[X] 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?)

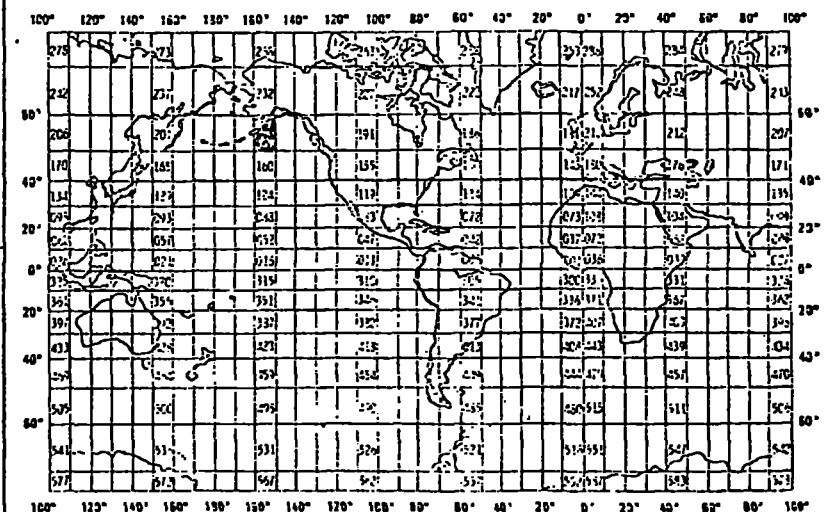
[X] NO [ ] YES [ ] PART *(SPECIFY BELOW)*

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

Pat Laird
(206) 442-4570

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

GENERAL AREA



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
Speed	cm/sec.	Aanderaa Current Meter RCM-4	N/A	N/A
Direction	°T	"	"	"
Temperature	°C	"	"	"
Conductivity	℧/cc	"	"	"
Pressure	Decibars	"	"	"

USCOMM-DC 44289-P72

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 (3) record types, text record (1), meter master record (2), and detail record (3), differentiated by byte 10

2. GIVE BRIEF DESCRIPTION OF FILE ORGANIZATION

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

4. RESPONSIBLE COMPUTER SPECIALIST:
NAME AND PHONE NUMBER Donna Berdiner (206) 543-2007
ADDRESS Dept of Oceanography, Univ. of Wash., Seattle, Wash. 98195

COMPLETE THIS SECTION IF DATA ARE ON MAGNETIC TAPE

5. RECORDING MODE ☒ BCD ☐ BINARY ☐ ASCII ☐ EBCDIC ☐ _____

6. NUMBER OF TRACKS (CHANNELS) ☒ SEVEN ☐ NINE ☐ _____

7. PARITY ☐ ODD ☒ EVEN

8. DENSITY ☐ 200 BPI ☐ 1600 BPI ☐ 556 BPI ☒ 800 BPI ☐ _____

9. LENGTH OF INTER-RECORD GAP (IF KNOWN) ☒ 3/4 INCH ☐ _____

10. END OF FILE MARK ☒ OCTAL 17 ☐ _____

11. PASTE-ON-PAPER LABEL DESCRIPTION (INCLUDE ORIGINATOR NAME AND SOME LAY SPECIFICATIONS OF DATA TYPE, VOLUME NUMBER)
PMEL/NOAA
Current Data - 3 Files
File 1. ID = WGC-1A
File 2 ID = WGC-2A
File 3 ID = WGC-1B

12. PHYSICAL BLOCK LENGTH IN BYTES
3600 bytes

13. LENGTH OF BYTES IN BITS
6 bits

USER TAPE

COMPLETE THIS SECTION IF DATA ARE ON MAGNETIC TAPE

RECORDING MODE ☐ BCD ☐ BINARY ☐ ASCII ☒ EBCDIC ☐ _____

6. NUMBER OF TRACKS (CHANNELS) ☐ SEVEN ☒ NINE ☐ _____

7. PARITY ☐ ODD ☐ EVEN

8. DENSITY ☐ 200 BPI ☒ 1600 BPI ☐ 556 BPI ☐ 800 BPI ☐ _____

9. LENGTH OF INTER-RECORD GAP (IF KNOWN) ☐ 3/4 INCH ☒ 1/2"

10. END OF FILE MARK ☐ OCTAL 17 ☐ _____

11. PASTE-ON-PAPER LABEL DESCRIPTION (INCLUDE ORIGINATOR NAME AND SOME LAY SPECIFICATIONS OF DATA TYPE, VOLUME NUMBER)
User Type

LABEL=(16,NL),
VOL=SER=011575

12. PHYSICAL BLOCK LENGTH IN BYTES
4800

13. LENGTH OF BYTES IN BITS
8

CURRENT METER
RECORD FORMAT DESCRIPTION

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

14. FIELD NAME	15. POSITION FROM-TO MEASURED IN Bytes (e.g., bits, bytes)	16. LENGTH NUMBER	16. LENGTH UNITS	17. ATTRIBUTES	18. USE AND MEANING
File Type	1	3	Bytes	A3	Always '015'
File Identification	4	6	"		
Record Type	10	1	"	I1	Always '1'
Meter Number	11	5	"		Analogous to NODC Station Number
Text	16	38	"	38A1	Additional pertinent information
Blank	54	1	"	1X	
Sequence Number	55	6	"	I6	Ascending numeric, used for sorting
METER MASTER RECORD (REQUIRED)					
File Type	1	3	Bytes	A3	Always '015'
File Identification	4	6	"		
Record Type	10	1	"	I1	Always '2'
Meter Number	11	5	"		Analogous to NODC Station Number
Latitude,					
Degrees	16	2	"	I2	
Minutes	18	2	"	I2	
Hundredths of minutes	20	2	"	I2	
Hemisphere	22	1	"	A1	'N' or 'S'
Longitude,					
Degrees	23	3	"	I3	
Minutes	26	2	"	I2	
Hundredths of minutes	28	2	"	I2	
Hemisphere	30	1	"	A1	'E' or 'W'
Depth to bottom	31	5	"	I5	Whole meters
Depth of current meter	36	5	"	I5	To tenths of a meter
Meter Usage Sequence Number	41	3	"	I3	Number of times meter has been used.
Institution Code	44	2	"	A2	NODC Institution Code
Axis Rotation	46	3	"	I3	In whole degrees clockwise from true north of V axis
Location Name	49	6	"	A6	OCSEP internal location code
Number of detail records	55	6	"	I6	Number of type '3' records

RECORD FORMAT DESCRIPTION CURRENT METER

RD. NAME DETAIL RECORD (REQUIRED)

14. FIELD NAME	15. POSITION FROM-1 MEASURED IN Bytes (e.g., bits, bytes)	16. LENGTH NUMBER	16. LENGTH UNITS	17. ATTRIBUTES	18. USE AND MEANING
File Type	1	3	Bytes	A3	Always '015'
File Identification	4	6	Bytes	A6	
Record Type	10	1	Bytes	I1	Always '3'
Meter Number	11	5	Bytes	A5	Analogous to NODC Station Number
Year	16	2	Bytes	I2	Last two digits of years
Month	18	2	Bytes	I2	1-12
Day	20	2	Bytes	I2	1-31
Time					GMT
Hour	22	2	Bytes	I2	0-23
Minute	24	2	Bytes	I2	0-59
Hundredth of minute*	26	2	Bytes	I2	0-99
East-West (u) Current Component**	28	6	Bytes	I6	To hundredths. Positive (East, and North) understood. cm/sec
North-South (v) Current Component**	34	6	Bytes	I6	Negative (West and South) with negative sign. cm/sec
Temperature ***	40	5	Bytes	I5	To thousandths. Minus sign when negative in °C
Pressure	45	5	Bytes	I5	To tenths in Decibars
Conductivity	50	4	Bytes	I4	To hundredths of mmho/cm
Blank	54	1	Bytes	1X	
Sequence Number	55	6	Bytes	I6	Ascending numeric, used for sorting

Blanks are used when significance of field indicated exceeds what is measured.

*Field not reported.

**Field reported to tenths.

***Field reported to hundredths.

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 CALIBRATED
		YOUR ORGANIZATION (√)	OTHER ORGANIZATION (GIVE NAME)	AT FIXED INTERVALS (√)	BEFORE OR AFTER USE (√)	BEFORE AND AFTER USE (√)	ONLY AFTER REPAIR (√)	ONLY WHEN NEW (√)	(√)
Aanderaa current Meter RCM-4		✓			✓				
Seame meter	1975		NOIC	✓ ~ 1 yr.					

ACCESSION NUMBER	76-1368 R.

TR0071

DATA DOCUMENTATION FORM

NOAA FORM 24-13 (4-72)

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

FORM APPROVED O.M.B. No. 41-R2651

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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

PMEL/NOAA
3711 15th NE
Seattle, Washington 98105

2. EXPEDITION, PROJECT, OR PROGRAM DURING WHICH DATA WERE COLLECTED

OCSEAP - Gulf of Alaska

3. CRUISE NUMBER(S) USED BY ORIGINATOR TO IDENTIFY DATA IN THIS SHIPMENT

File ID = WGC-1A

4. PLATFORM NAME(S)	5. PLATFORM TYPE(S) (E.G., SHIP, BUOY, ETC.)	6. PLATFORM AND OPERATOR NATIONALITY(IES)		7. DATES	
		PLATFORM	OPERATOR	FROM: MO/DAY/YR	TO: MO/DAY/YR
WGC-1A	Buoy	U.S.	U.S.	9/5/75	11/1/75

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?)

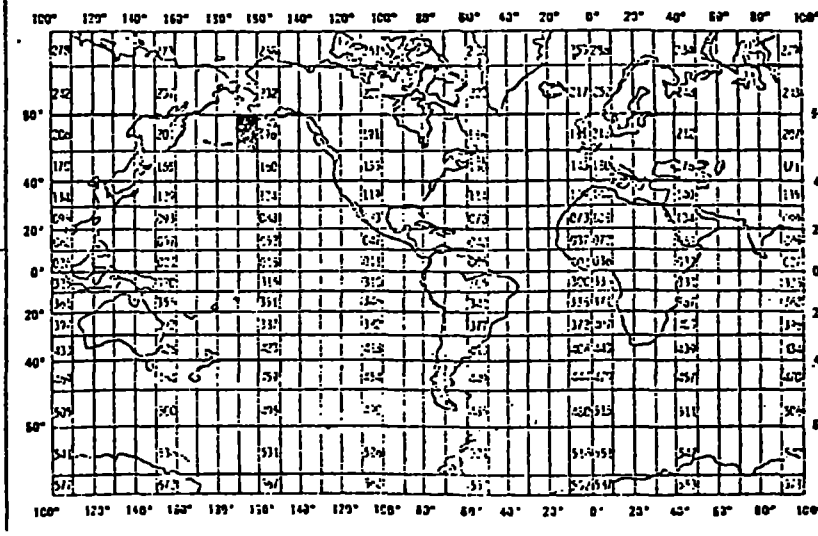
☒ NO ☐ YES ☐ PART *(SPECIFY BELOW)*

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

Pat Laird
(206) 442-4510

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

GENERAL AREA



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
Speed	cm/sec.	Aanderaa Current Meter RCM-4	N/A	N/A
Direction	°T	"	"	"
Temperature	°C	"	"	"
Conductivity	‰	"	"	"
Pressure	Decibars	"	"	"

USCOMM-DC 44289-P72

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 (3) record types, text record (1), meter master record (2), and detail record (3), differentiated by byte 10.

2. GIVE BRIEF DESCRIPTION OF FILE ORGANIZATION

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

4. RESPONSIBLE COMPUTER SPECIALIST:
NAME AND PHONE NUMBER Donna Bendiner (206) 543-2007
ADDRESS Dept. of Oceanography, Univ. of Wash, Seattle, Wash. 98195

COMPLETE THIS SECTION IF DATA ARE ON MAGNETIC TAPE

5. RECORDING MODE ☒ BCD ☐ BINARY ☐ ASCII ☐ EBCDIC ☐ _____

6. NUMBER OF TRACKS (CHANNELS) ☒ SEVEN ☐ NINE ☐ _____

7. PARITY ☐ ODD ☒ EVEN

8. DENSITY ☐ 200 BPI ☐ 1600 BPI ☐ 556 BPI ☒ 800 BPI ☐ _____

9. LENGTH OF INTER-RECORD GAP (IF KNOWN) ☒ 3/4 INCH ☐ _____

10. END OF FILE MARK ☒ OCTAL 17 ☐ _____

11. PASTE-ON-PAPER LABEL DESCRIPTION (*INCLUDE ORIGINATOR NAME AND SOME LAY SPECIFICATIONS OF DATA TYPE, VOLUME NUMBER*)

PMEL/NOAA
Current Data - 3 Files
File 1 ID = WOCE-1A
File 2 ID = WOCE-2A
File 3 ID = WOCE-1B

12. PHYSICAL BLOCK LENGTH IN BYTES
3600 bytes

13. LENGTH OF BYTES IN BITS
6 bits

USER TAPE

COMPLETE THIS SECTION IF DATA ARE ON MAGNETIC TAPE

5. RECORDING MODE ☐ BCD ☐ BINARY ☐ ASCII ☒ EBCDIC ☐ _____

6. NUMBER OF TRACKS (CHANNELS) ☐ SEVEN ☒ NINE ☐ _____

7. PARITY ☐ ODD ☐ EVEN

8. DENSITY ☐ 200 BPI ☒ 1600 BPI ☐ 556 BPI ☐ 800 BPI ☐ _____

9. LENGTH OF INTER-RECORD GAP (IF KNOWN) ☐ 3/4 INCH ☒ .5" "

10. END OF FILE MARK ☐ OCTAL 17 ☐ _____

11. PASTE-ON-PAPER LABEL DESCRIPTION (*INCLUDE ORIGINATOR NAME AND SOME LAY SPECIFICATIONS OF DATA TYPE, VOLUME NUMBER*)

USER TAPE

LABEL = (,5,NL),
VOL = SER = 011575

12. PHYSICAL BLOCK LENGTH IN BYTES
4200

13. LENGTH OF BYTES IN BITS
8

CURRENT METER
RECORD FORMAT DESCRIPTION

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

14. FIELD NAME	15. POSITION FROM-1- MEASURED IN Bytes (e.g., bits, bytes)	16. LENGTH NUMBER	16. LENGTH UNITS	17. ATTRIBUTES	18. USE AND MEANING
File Type	1	3	Bytes	A3	Always '015'
File Identification	4	6	"		
Record Type	10	1	"	I1	Always '1'
Meter Number	11	5	"		Analogous to NODC Station Number
Text	16	38	"	38A1	Additional pertinent information
Blank	54	1	"	1X	
Sequence Number	55	6	"	I6	Ascending numeric, used for sorting
METER MASTER RECORD (REQUIRED)					
File Type	1	3	Bytes	A3	Always '015'
File Identification	4	6	"		
Record Type	10	1	"	I1	Always '2'
Meter Number	11	5	"		Analogous to NODC Station Number
Latitude,					
Degrees	16	2	"	I2	
Minutes	18	2	"	I2	
Hundredths of minutes	20	2	"	I2	
Hemisphere	22	1	"	A1	'N' or 'S'
Longitude,					
Degrees	23	3	"	I3	
Minutes	26	2	"	I2	
Hundredths of minutes	28	2	"	I2	
Hemisphere	30	1	"	A1	'E' or 'W'
Depth to bottom	31	5	"	I5	Whole meters
Depth of current meter	36	5	"	I5	To tenths of a meter
Meter Usage Sequence Number	41	3	"	I3	Number of times meter has been used.
Institution Code	44	2	"	A2	NODC Institution Code
Axis Rotation	46	3	"	I3	In whole degrees clockwise from true north of V axis
Location Name	49	6	"	A6	OCSEP internal location code
Number of detail records	55	6	"	I6	Number of type '3' records

RECORD FORMAT DESCRIPTION CURRENT METER

RECORD NAME DETAIL RECORD (REQUIRED)

14. FIELD NAME	15. POSITION FROM - 1 MEASURED IN Bytes (e.g., bits, bytes)	16. LENGTH NUMBER	16. LENGTH UNITS	17. ATTRIBUTES	18. USE AND MEANING
File Type	1	3	Bytes	A3	Always '015'
File Identification	4	6	Bytes	A6	
Record Type	10	1	Bytes	I1	Always '3'
Meter Number	11	5	Bytes	A5	Analogous to NODC Station Number
Year	16	2	Bytes	I2	Last two digits of years
Month	18	2	Bytes	I2	1-12
Day	20	2	Bytes	I2	1-31
Time					GMT
Hour	22	2	Bytes	I2	0-23
Minute	24	2	Bytes	I2	0-59
Hundredth of minute *	26	2	Bytes	I2	0-99
East-West (u) Current Component**	28	6	Bytes	I6	To hundredths. Positive (East, and North) understood. cm/sec
North-South (v) Current Component**	34	6	Bytes	I6	Negative (West and South) with negative sign. cm/sec
Temperature***	40	5	Bytes	I5	To thousandths. Minus sign when negative in °C
Pressure	45	5	Bytes	I5	To tenths in Decibars
Conductivity	50	4	Bytes	I4	To hundredths of mmho/cm
Blank	54	1	Bytes	1X	
Sequence Number	55	6	Bytes	I6	Ascending numeric, used for sorting

Blanks are used when significance of field indicated exceeds what is measured.

*Field not reported.

**Field reported to tenths.

***Field reported to hundredths.

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 CALIBRATED
		YOUR ORGANIZATION (√)	OTHER ORGANIZATION (GIVE NAME)	AT FIXED INTERVALS (√)	BEFORE OR AFTER USE (√)	BEFORE AND AFTER USE (√)	ONLY AFTER REPAIR (√)	ONLY WHEN NEW (√)	(√)
Aanderaa Current Meter RCM-4		✓				✓			
same meter	1975		NOIC	~1yr ✓					

76-136

TR0072

FORMAT OF MAPIS INVENTORY REPORT
VERSION 1.0

```
USEP'S INPUT REQUESTS FOLLOW:
LRECL HAS BEEN SPECIFIED AS  80
ACCESSION NUMBER IS:76-1368.
RECORD TYPE WILL BE TAKEN FROM COLUMN 10 OF THE INPUT RECORDS
RECORD TYPES FLAGGED FOR RETRIEVAL ARE - 23
LATITUDE STARTS IN POSITION  16 OF RECORD TYPE  2 WITH HEMISPHERE IN POSITION 22
LONGITUDE STARTS IN POSITION  23 OF RECORD TYPE  2 WITH HEMISPHERE IN POSITION 30
STATION STARTS IN POSITION  11 OF RECORD TYPE  2 FOR  5 BYTES
CRUISE STARTS IN POSITION   4 OF RECORD TYPE 2 FOR  6 BYTES
NO RECORD TYPE SPECIFIED FOR VESSEL.  ASSUME NO VESSEL FIELD.
YEAR IS IN POSITION  16
MONTH IS IN POSITION 18
DAY IS IN POSITION   20

THE PARAMETERS TO BE INVENTORIED ARE LISTED BELOW
RECORD  POSITION  LENGTH   CODE
   3        28       6    EAST-WEST COMPONENT
   3        34       6    NORTH-SOUTH COMP
   3        40       5    TEMPERATURE
   3        45       5    PRESSURE
   3        50       4    CONDUCTIVITY
DATA IS TIME DEPENDENT.  TOTAL OBSERVATIONS ARE REPORTED.

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

CRUISE      VESSEL          PARAMETER          COUNT   BEGIN & END DATES    TEN DEG. SQUARES

UGC-2A                  STATIONS                2   750921  751128     N50+ W150+
                        EAST-WEST COMPONENT  13089   750921  751128     N50+ W150+
                        NORTH-SOUTH COMP     13089   750921  751128     N50+ W150+
                        TEMPERATURE          13089   750921  751128     N50+ W150+
                        PRESSURE             13089   750921  751128     N50+ W150+
                        CONDUCTIVITY         13089   750921  751128     N50+ W150+
READY
```

```
Password:
 accNo   fleA refNo  proj inst ship    startDate  cruise   catId
 ------- ---- ------ ---- ---- ------- ---------- -------- ----------
 7601368 F015 TT1288 0081 313F 317F    1975/11/02 WGC-1B       299826
 7601368 F015 TT1289 0081 313F 317F    1975/11/02 WGC-1B       299827
 7601368 F015 TT1290 0081 313F 317F    1975/09/04 WGC-1A       299828
 7601368 F015 TT1291 0081 313F 317F    1975/09/04 WGC-1A       299829
 7601368 F015 TT1292 0081 313F 317F    1975/09/21 WGC-2A       299830
 7601368 F015 TT1293 0081 313F 317F    1975/09/21 WGC-2A       299831

(6 rows affected)
```

```
Password:
 accNo   fleA refNo  ship staCnt recCnt startDate  endDate
 ------- ---- ------ ---- ------ ------ ---------- ----------
 7601368 F015 TT1288 317F 7      6326   75/11/02   76/03/01
 7601368 F015 TT1289 317F 7      2839   75/11/02   75/12/01
 7601368 F015 TT1290 317F 6      5565   75/09/04   75/11/01
 7601368 F015 TT1291 317F 6      5565   75/09/04   75/11/01
 7601368 F015 TT1292 317F 6      6546   75/09/21   75/11/01
 7601368 F015 TT1293 317F 6      6545   75/09/21   75/11/01

(6 rows affected)
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