ACCESSION NUMBER 8400014

3:3:21

DATA DOCUMENTATION FORM

TT1266-75

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

FT015

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

Science Applications, Inc.
13400 B Northrup Way, Suite 36
Bellevue, WA 98005

8401

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

Bering Sea Marginal Ice Zone Experiment (MIZEX/WEST)

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

A 82-36

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
R/V Alpha Helix	Ship	USA	USA	10/21/83	5/10/83

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?)

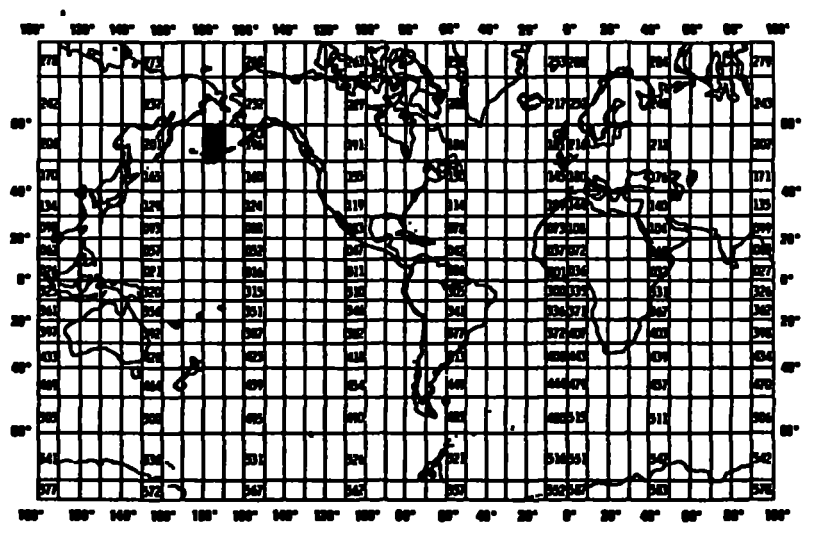
[ ] NO [X] YES [ ] PART *(SPECIFY BELOW)*

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

John T. Gunn
(206)747-7152

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

GENERAL AREA



NOAA FORM 24-13

USCOMM-DC 44289-P72

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	Niel Brown Inst. Sys. ACM2	—	—
Temperature	°C	"	—	—
Current Speed	CM/Sec	Aanderaa Current Meter (RCM4)	—	—
Temperature	°C	"	—	—
Salinity	°/oo	"	—	—

RECORD FORMAT DESCRIPTION

RECORD NAME NODC File type 015 - current meter (Eulerian)

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 identifier	4	6	bytes	A6	
Record type	10	1	bytes	A1	always "1"
Meter number	11	5	bytes	A5	
Text	16	38	bytes	38A1	
Blank	54	1	bytes	1X	
Sequence number	55	6	bytes	26	used for sorting ascending order

RECORD FORMAT DESCRIPTION

RECORD NAME NODC File Type 015 - Current Meter (Eulerian)

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 identifier	4	6	bytes	A6	
Record type	10	1	bytes	A1	always "2"
Meter number	11	5	bytes	A5	
Latitude	16	6	bytes	I2,I4	DDMMXX - minutes to hundreths
Hemisphere	22	1	bytes	A1	"N" or "S"
Longitude	23	7	bytes	I3,I4	DDMMXX - minutes to hundreths
Hemisphere	30	1	bytes	A1	"E" or "W"
Depth to bottom	31	5	bytes	I5	whole meters
Depth of current meter	36	5	bytes	I5	meters to tenths
Meter usage sequence number	41	3	bytes	I3	
Initiation	44	2	bytes	A2	use code 0218
Axis rotation	46	3	bytes	I3	
Location name	49	6	bytes	A6	
Number of detail records	55	6	bytes	I6	number of detail records to follow

RECORD FORMAT DESCRIPTION

RECORD NAME NODC File Type 015 - Current Meter (Eulerian)

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 identifier	4	6	bytes	A6	
Record types	10	1	bytes	A1	always "3"
Meter number	11	5	bytes	A5	
Date (GMT)	16	6	bytes	3I2	TTMMDD
Time (GMT)	22	6	bytes	I2,I4	hours, minutes to hundreths
E-W current component	28	6	bytes	I6	cm/sec to hundreths east positive
N-S current component	34	6	bytes	I6	cm/sec to hundreths north positive
Temperature	40	5	bytes	I5	°C to thousandths
Pressure	45	5	bytes	I5	decibars to tenths
Conductivity	50	4	bytes	I4	MMHOS/cm to hundreths
Blank	54	1	bytes	1X	
Sequence number	55	6	bytes	I6	ascending order for sorting

RECORD FORMAT DESCRIPTION

RECORD NAME NODC File Type 015 - Current Meter (Eulerian)

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 identifier	4	6	bytes	A6	
Record types	10	1	bytes	A1	always "4"
Meter number	11	5	bytes	A5	
Date (GMT)	16	6	bytes	3I2	YYMMDD
Time (GMT)	22	6	bytes	I2,I4	hours, minutes to hundreths
E-W current component	28	6	bytes	I6	cm/sec to hundreths, east positive
N-S current component	34	6	bytes	I6	cm/sec to hundreths north positive
Temperature	40	5	bytes	I5	°C to thousandths
Pressure	45	5	bytes	I5	decibars to tenths
Salinity	50	4	bytes	I4	PPT to hundreths
Blank	54	1	bytes	1X	
Sequence number	55	6	bytes	I6	ascending order for sorting

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 (√)	(√)
Niel Brown Inst. Sys. ACM2			Univ. of WA			X			
Aanderaa Inst. RCM4			Univ. of WA			X			

SAI/NW-RDM-995-39
December 21, 1983

Dr. Anthony R. Picciolo
E/OC13
NOAA/NESDIS/NODC
2001 Wisconsin Ave. NW
Washington, DC 20235

Dear Dr. Picciolo:

Please find enclosed a nine-track tape which constitutes the submission of the current meter, pressure guage and CTD data from the Bering Sea Marginal Ice Zone Experiment (ONR contract N00014-82-C-0064) with the required documentation.

In order to confirm the receipt by NODC of this data, please sign and return the enclosed copy of this letter.

Sincerely,

Robin D. Muench / mcr

Robin D. Muench
Program Manager

PROJECT CODE = 0126

RDM:mcr (MMS/MIZEX)

Encl.

Receipt hereby acknowledged

Dr. Anthony R. Picciolo

1 TAPE, 1 DDF FT015
1 TAPE, 1 DDF FT017
1 TAPE, 1 DDF FT022

DEC. 28, 1983

C. DATA FORMAT

This information is requested only for data transmitted on punched cards or magnetic tape. Have one of your data processing specialists furnish answers either on the form or by attaching equivalent readily available documentation. Identify the nature and meaning of all entries and explain any codes used.

1. List the record types contained in your file transmittal (e.g., tape label record, master, detail, standard depth, etc.).

2. Describe briefly how your file is organized.

3-13. Self-explanatory.

14. Enter the field name as appropriate (e.g., header information, temperature, depth, salinity.

15. Enter starting position of the field.

16. Enter field length in number columns and unit of measurement (e.g., bit, byte, character, word) in unit column.

17. Enter attributes as expressed in the programming language specified in item 3 (e.g., "F 4.1," "BINARY FIXED (5.1)").

18. Describe field. If sort field, enter "SORT 1" for first, "SORT 2" for second, etc. If field is repeated, state number of times it is repeated.

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 are used as described format descriptions. Record types are identified by the character in column 10

"1" Text Record
"2" Master Record
"3" Data Record with U, V, T, P, C
"4" Data Record with U, V, T, P, S

2. GIVE BRIEF DESCRIPTION OF FILE ORGANIZATION

Tape consists of 10 files all type 015

See attached list.

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

4. RESPONSIBLE COMPUTER SPECIALIST:

NAME AND PHONE NUMBER John T. Gunn

ADDRESS same as A1.

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 ☒ ANSI EOF

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

Science Applications, Inc.
1983 MIZEX Current Meter Data
NODC File Type 015 10 Files
6000 Byte Blocks ASCII 9 Track
60 Byte Records Odd Parity

12. PHYSICAL BLOCK LENGTH IN BYTES

6000

13. LENGTH OF BYTES IN BITS

8

SAI/NW-RDM-995-39
December 21, 1983

Dr. Anthony R. Picciolo
E/OC13
NOAA/NESDIS/NODC
2001 Wisconsin Ave. NW
Washington, DC 20235

Dear Dr. Picciolo:

Please find enclosed a nine-track tape which constitutes the submission of the current meter, pressure guage and CTD data from the Bering Sea Marginal Ice Zone Experiment (ONR contract N00014-82-C-0064) with the required documentation.

In order to confirm the receipt by NODC of this data, please sign and return the enclosed copy of this letter.

Sincerely,

Robin D. Muench/mcr

Robin D. Muench
Program Manager

RDM:mcr

Encl.

UNITED STATES POSTAL SERVICE
OFFICIAL BUSINESS

SENDER INSTRUCTIONS
Print your name, address, and ZIP Code in the space below.
- Complete items 1, 2, 3, and 4 on the reverse.
- Attach to front of article if space permits, otherwise affix to back of article.
- Endorse article "Return Receipt Requested" adjacent to number.

U.S. MAIL

PENALTY FOR PRIVATE USE, $300

RETURN TO
Science Applications
(Name of Sender)
13400 B Northrup Way #36
(Street or P.O. Box)
Bellevue, WA 98005
(City, State, and ZIP Code)

PS Form 3811, July 1982

- SENDER: Complete items 1, 2, 3, and 4. Add your address in the "RETURN TO" space on reverse.

(CONSULT POSTMASTER FOR FEES)

1. The following service is requested (check one).
   - ☐ Show to whom and date delivered ..... $
   - ☐ Show to whom, date, and address of delivery .. $
2. ☐ RESTRICTED DELIVERY ..... $
   (The restricted delivery fee is charged in addition to the return receipt fee.)

TOTAL $ 1.00

3. ARTICLE ADDRESSED TO: Pentagon
600 Wisconsin Ave NW
Wash DC 20735

4. TYPE OF SERVICE: ☐ REGISTERED ☐ INSURED ☑ CERTIFIED ☐ COD ☐ EXPRESS MAIL
ARTICLE NUMBER: P 774436

(Always obtain signature of addressee or agent)

I have received the article described above.
SIGNATURE ☐ Addressee ☑ Authorized agent
5. Lamar Bennett E/OC13
6. DATE OF DELIVERY 12/28/83
POSTMARK (may be on reverse side)
8. ADDRESSEE'S ADDRESS (Only if requested)
7. UNABLE TO DELIVER BECAUSE:
7a. EMPLOYEE'S INITIALS

RETURN RECEIPT

* GPO: 1982-370-530

83 NOV 803

ARP
CYS - RECEIPT ABOVE RETURNED 12/29/83 - LOGGED-IN + ASSIGNED S. HALL
ALSO ATTACHED LTR HAS ATTACHED COPY REQUIRING YOUR SIGNATURE FOR DELI
DLB

Password:

accNo	fleA	refNo	proj	inst	ship	startDate	cruise	catId
8400014	F015	TT1266	0126	31SA	317F	1982/10/23	A82-36	148286
8400014	F015	TT1267	0126	31SA	317F	1982/10/22	A82-36	148287
8400014	F015	TT1268	0126	31SA	317F	1982/10/23	A82-36	148288
8400014	F015	TT1269	0126	31SA	317F	1982/10/22	A82-36	148289
8400014	F015	TT1270	0126	31SA	317F	1982/10/23	A82-36	148290
8400014	F015	TT1271	0126	31SA	317F	1982/10/22	A82-36	148291
8400014	F015	TT1272	0126	31SA	317F	1982/10/22	A82-36	148292
8400014	F015	TT1273	0126	31SA	317F	1982/10/23	A82-36	148293
8400014	F015	TT1274	0126	31SA	317F	1982/10/22	A82-36	148294
8400014	F015	TT1275	0126	31SA	317F	1982/10/22	A82-36	148295

(10 rows affected)

```
Password:
 accNo   fleA refNo  ship staCnt recCnt startDate  endDate
 ------- ---- ------ ---- ------ ------ ---------- ----------
 8400014 F015 TT1266 317F 8      9520   82/10/23   83/05/01
 8400014 F015 TT1267 317F 8      9520   82/10/22   83/05/01
 8400014 F015 TT1268 317F 8      9520   82/10/23   83/05/01
 8400014 F015 TT1269 317F 8      9520   82/10/22   83/05/01
 8400014 F015 TT1270 317F 8      9520   82/10/23   83/05/01
 8400014 F015 TT1271 317F 1      163    82/10/22   82/10/22
 8400014 F015 TT1272 317F 8      9520   82/10/22   83/05/01
 8400014 F015 TT1273 317F 8      57464  82/10/23   83/05/01
 8400014 F015 TT1274 317F 8      57360  82/10/22   83/05/01
 8400014 F015 TT1275 317F 8      57311  82/10/22   83/05/01

(10 rows affected)
```