

TROG4

ACCESSION NUMBER

77-0019



DDF-B:1:12

DATA DOCUMENTATION FORM

RECEIVED
DEC 19 1976

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

NEG OA

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.

*Current Meteor data
is relative to the
ice 12/7/78*

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
AIDJEX, UNIV WASHINGTON Dr NORBERT UNTERSTEINER
4059 ROOSEVELT WAY NE.
SEATTLE WA 98105

2. EXPEDITION, PROJECT, OR PROGRAM DURING WHICH DATA WERE COLLECTED
OCSEAP RU 98

3. CRUISE NUMBER(S) USED BY ORIGINATOR TO IDENTIFY DATA IN THIS SHIPMENT
FILE ID 761121 - ~~761122~~
FILE TYPE 056

4. PLATFORM NAME(S)
~~T-10~~ NIMBUS/
RAMS

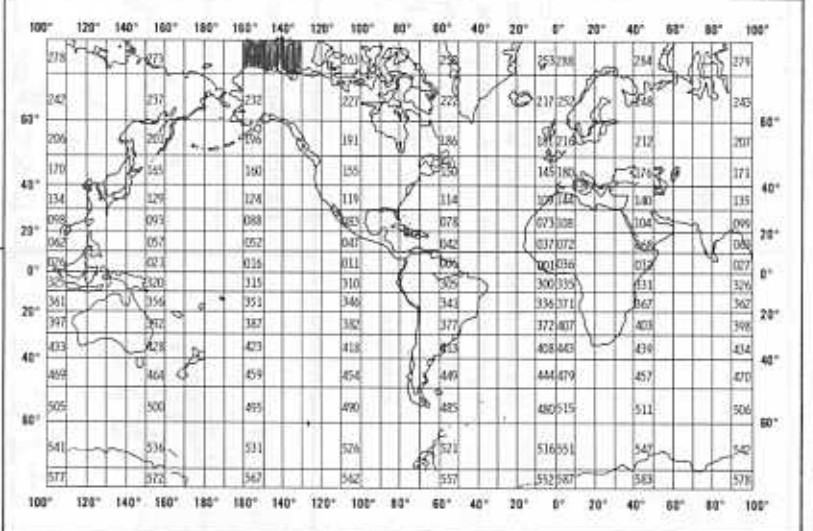
5. PLATFORM TYPE(S)
(E.G., SHIP, BUOY, ETC.)
BUOYS

6. PLATFORM AND OPERATOR NATIONALITY(IES)
PLATFORM OPERATOR FROM: MO, DAY, YR TO: MO, DAY, YR
U.S. U.S. 11/08/75 9/25/76
~~10/01/76~~

8. ARE DATA PROPRIETARY?
 NO YES
IF YES, WHEN CAN THEY BE RELEASED FOR GENERAL USE? YEAR MONTH

11. PLEASE DARKEN ALL MARSDEN SQUARES IN WHICH ANY DATA CONTAINED IN YOUR SUBMISSION WERE COLLECTED.
BEAUFORT SEA GENERAL AREA MS 266-268

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)
URRAY J. STATEMAN
AIDJEX DATA MANAGER
(206) 543-6613

B. SCIENTIFIC INTENT

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
Ocean currents Measured from a buoy drifting with the pack Ice	Speed cm/sec Bearing Degrees. For ocean current sensors	Nimbus Satellite Communications System.		Data is validated by checking marking values which are out of range with an asterisk (*). Point by point review of data.
Nimbus Plat form ID's are 1245 1245	Bearing Degrees for Buoy Body Position Lat, Long Degree Min Sec for Buoy Body all VS Time. YR, MO DAY HR			

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

CDC 6400 "STRANGER" TAPE

Scope 3.4 = Operating System

Header Record is first record of each file. Has integer "1" in column 10
9 words = 90 bytes = 540 bits. Blank fill from col 71 - col 90 inclusive
Data Records have integer "3" in column 10. Each data is 9 words long
Embedded blanks in col 45-59 and 88-90 inclusive.
Records are File Type 056 "Lagrangian Drifter" (modified).

2. GIVE BRIEF DESCRIPTION OF FILE ORGANIZATION

Each file consists of a header record 9 words long followed by a 3/4
inch E-φ-R gap. Each 50 data, 450 words, is followed by a
3/4 inch E-φ-R gap. The last data grouping is blank filled to
complete 450 words. File ends with Level 17 octal marker.

3. ATTRIBUTES AS EXPRESSED IN

PL-1 ALGOL COBOL
 FORTRAN _____ LANGUAGE

4. RESPONSIBLE COMPUTER SPECIALIST:

NAME AND PHONE NUMBER MURRAY J. STATEMAN (206) 543-6613
ADDRESS 4059 ROOSEVELT WAY NE SEATTLE WA 98105

COMPLETE THIS SECTION IF DATA ARE ON MAGNETIC TAPE

<p>5. RECORDING MODE</p> <p> <input checked="" type="checkbox"/> BCD <input type="checkbox"/> BINARY <input type="checkbox"/> ASCII <input type="checkbox"/> EBCDIC <input type="checkbox"/> _____ </p>	<p>9. LENGTH OF INTER-RECORD GAP (IF KNOWN) <input checked="" type="checkbox"/> 3/4 INCH <input type="checkbox"/> _____</p>
<p>6. NUMBER OF TRACKS (CHANNELS)</p> <p> <input checked="" type="checkbox"/> SEVEN <input type="checkbox"/> NINE <input type="checkbox"/> _____ </p>	<p>10. END OF FILE MARK</p> <p> <input checked="" type="checkbox"/> OCTAL 17 <input type="checkbox"/> _____ </p>
<p>7. PARITY</p> <p> <input type="checkbox"/> ODD <input checked="" 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 style="text-align: right;">761122</p> <p>RU 98 056 761121 - 761122</p> <p>BEAUFORT SEA AIDJEX</p> <p>10/18/75 - 10/11/76 M.J. STATEMAN</p> <p>7 TRK, 800 BPI, BCD, EVEN PARITY</p>
<p>8. DENSITY</p> <p> <input type="checkbox"/> 200 BPI <input type="checkbox"/> 1600 BPI <input type="checkbox"/> 556 BPI <input checked="" type="checkbox"/> 800 BPI <input type="checkbox"/> _____ </p>	<p>12. PHYSICAL BLOCK LENGTH IN BYTES</p> <p>90 for header 4,500 for data</p> <p>13. LENGTH OF BYTES IN BITS</p> <p>six bits/byte</p>

C. DATA FORMAT

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

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

USER TAPE

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 D752-NOAA/EDS/NODC - 634-7505
ADDRESS WASHINGTON, 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><u>001517 (1, NL)</u></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 IN BYTES</p> <p><u>4350</u></p> <p>13. LENGTH OF BYTES IN BITS</p> <p><u>87</u></p>

RECORD FORMAT DESCRIPTION

1-5-77

RECORD NAME Lagrangian Current Measurements (Header)

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 '056'
File Identifier	4	6	Bytes	I6	
Record Type	10	1	Bytes	A1	Always '1'
Platform Name	11	12	Bytes	A12	System acquiring the data
Platform Type	23	12	Bytes	A12	Design of system platform
Principal Investigator	35	12	Bytes	A12	
Start Date					
Year	47	2	Bytes	I2	00-99
Month	49	2	Bytes	I2	01-12
Day	51	2	Bytes	I2	01-31
Date					
Year	53	2	Bytes	I2	00-99
Month	55	2	Bytes	I2	01-12
Day	57	2	Bytes	I2	01-31
Program Name	59	12	Bytes	A12	
Drogue Depth	71	5	Bytes	I5	Depth of sea anchor in meters
Drogue Type	76	5	Bytes	A5	
Blank	81	7	Bytes	7X	

} G.M.T.

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

USER TAPE

[Empty box for 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 D752-NOAA/EDS/NODC - 634-7505
ADDRESS WASHINGTON, 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 KEY SPECIFICATIONS OF DATA TYPE, VOLUME NUMBER)</p> <p><i>001517</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 IN BYTES</p> <p><i>4350</i></p>	
<p>13. LENGTH OF BYTES IN BITS</p> <p><i>87</i></p>	

RECORD FORMAT DESCRIPTION

1-5-77

RECORD NAME Lagrangian Current Measurement (Data Record 2)

14. FIELD NAME	15. POSITION FROM - 1 MEASURED IN Bytes <small>(e.g., bits, bytes)</small>	16. LENGTH		17. ATTRIBUTES	18. USE AND MEANING
		NUMBER	UNITS		
File Type	1	3	Bytes	A3	Always '056'
File Identifier	4	6	Bytes	A6	
Record Type	10	1	Bytes	A1	Always '4'
Buoy Identifier	11	4	Bytes	I4	Analogous to NODC Station Number
Sequence Number	15	4	Bytes	I4	Ascending order for sorting
Latitude					
Degrees	19	2	Bytes	I2	
Minutes	21	2	Bytes	I2	
Seconds	23	2	Bytes	I2	
Hemisphere	25	1	Bytes	A1	Always 'N' or 'S'
Longitude					
Degrees	26	3	Bytes	I3	
Minutes	29	2	Bytes	I2	
Seconds	31	2	Bytes	I2	
Hemisphere	33	1	Bytes	A1	Always 'E' or 'W'
Observation Date-Time					
Year	34	2	Bytes	I2	00-99
Month	36	2	Bytes	I2	01-12
Day	38	2	Bytes	I2	01-31
Hours	40	2	Bytes	I2	00-23
Minutes	42	2	Bytes	I2	00-59
Satellite Pass Code	44	1	Bytes	A1	'0' more than one orbit '9' only one orbit

} G.M.T.

RECORD FORMAT DESCRIPTION

1-5-77

RECORD NAME Lagrangian Current Measurement (Data Record 2)

14. FIELD NAME	15. POSITION FROM - 1 MEASURED IN Bytes <small>(e.g., bits, bytes)</small>	16. LENGTH		17. ATTRIBUTES	18. USE AND MEANING
		NUMBER	UNITS		
Atmospheric Pressure	45	6	Bytes	I6	Millibars to hundredths
Blank	51	37	Bytes	37X	

TR 0945

ACCESSION
NUMBER

77-0019

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 20852FORM APPROVED
O.M.B. No. 41-R2651

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A. ORIGINATOR IDENTIFICATION

Current meter data is relative to
the ice

THIS SECTION MUST BE COMPLETED BY DONOR FOR ALL DATA TRANSMITTALS

12/7/76

1. NAME AND ADDRESS OF INSTITUTION, LABORATORY, OR ACTIVITY WITH WHICH SUBMITTED DATA ARE ASSOCIATED AIDJEX, UNIV, WASHINGTON - DR. NORBERT UNTER STEINER 4059 Roosevelt Way, NE Seattle, WA 98105			
2. EXPEDITION, PROJECT, OR PROGRAM DURING WHICH DATA WERE COLLECTED DCSEAP RU 98		3. CRUISE NUMBER(S) USED BY ORIGINATOR TO IDENTIFY DATA IN THIS SHIPMENT File Type 056 File ID 761122	
4. PLATFORM NAME(S) NIMBUS/rams	5. PLATFORM TYPE(S) (E.G., SHIP, BUOY, ETC.) BUOY	6. PLATFORM AND OPERATOR NATIONALITY(IES) U.S. U.S.	7. DATES FROM: MO, DAY, YR TO: MO, DAY, YR 11/5/75 10/1/76
8. ARE DATA PROPRIETARY? <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES IF YES, WHEN CAN THEY BE RELEASED FOR GENERAL USE? YEAR MONTH		11. PLEASE DARKEN ALL MARSDEN SQUARES IN WHICH ANY DATA CONTAINED IN YOUR SUBMISSION WERE COLLECTED. BEAUFORT SEA GENERAL AREA msd 267-269	
9. ARE DATA DECLARED NATIONAL PROGRAM (DNP)? (I.E., SHOULD THEY BE INCLUDED IN WORLD DATA CENTERS HOLDINGS FOR INTERNATIONAL EXCHANGE?) <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES <input type="checkbox"/> PART (SPECIFY BELOW)			
10. PERSON TO WHOM INQUIRIES CONCERNING DATA SHOULD BE ADDRESSED WITH TELEPHONE NUMBER (AND ADDRESS IF OTHER THAN IN ITEM-1) Murray J. Stateman AIDJEX Data Manager (206) 543-6613			

88

Filetype 156

SDF1 000793

SDF2 013792

ANSE 013824

TR 47, 124, 130-133, 441-446, 644, 945, 1087-1104, 1146-1161,
1555-1562, 1845, 1897-1904, 2382-2386, 2772, 2824-2834,
3474-3478, 3480

50,324

Accession No: 77-0019