

File type 101

ACCESSION
NUMBER

78-0530

DDF-B:1:09

DATA DOCUMENTATION FORM

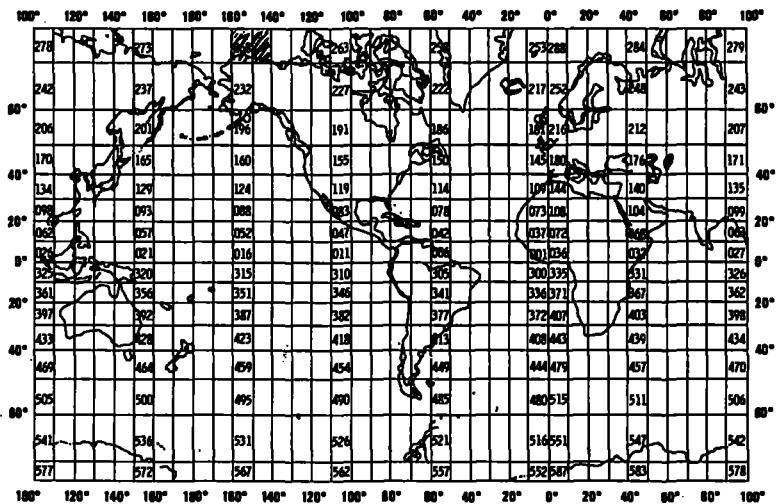
TR3259

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

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 DR. ERIC LEAVITT POLAR SCIENCE CENTER UNIVERSITY OF WASHINGTON 4057 ROOSEVELT WAY NE SEATTLE, WA 98105 File type 101			
2. EXPEDITION, PROJECT, OR PROGRAM DURING WHICH DATA WERE COLLECTED OCSEAP - R.U. 519		3. CRUISE NUMBER(S) USED BY ORIGINATOR TO IDENTIFY DATA IN THIS SHIPMENT FILE ID = 2 SPRING 1977 FILE ID = 3 SUMMER 1977	
4. PLATFORM NAME(S) BEAUFORT SEA COAST	5. PLATFORM TYPE(S) (E.G., SHIP, BUOY, ETC.) FIXED COASTAL STATION	6. PLATFORM AND OPERATOR NATIONALITY(IES) PLATFORM OPERATOR US US	7. DATES FROM: MO, DAY, YR TO: MO, DAY, YR 04/25/77 6/30/77
8. ARE DATA PROPRIETARY? <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES IF YES, WHEN CAN THEY BE RELEASED FOR GENERAL USE? YEAR MONTH		11. PLEASE DARKEN ALL MARSDEN SQUARES IN WHICH ANY DATA CONTAINED IN YOUR SUBMISSION WERE COLLECTED. GENERAL AREA 	
9. ARE DATA DECLARED NATIONAL PROGRAM (DNP)? (I.E., SHOULD THEY BE INCLUDED IN WORLD DATA CENTERS HOLDINGS FOR INTERNATIONAL EXCHANGE?) <input 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) ROGER ANDERSEN 206-543-6613			

NOAA FORM 24-13

USCOMM-DC 44289-P72

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	700	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	Forel scale	Visual comparison with Forel 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)

DATA DOCUMENTATION FORM

TR3260

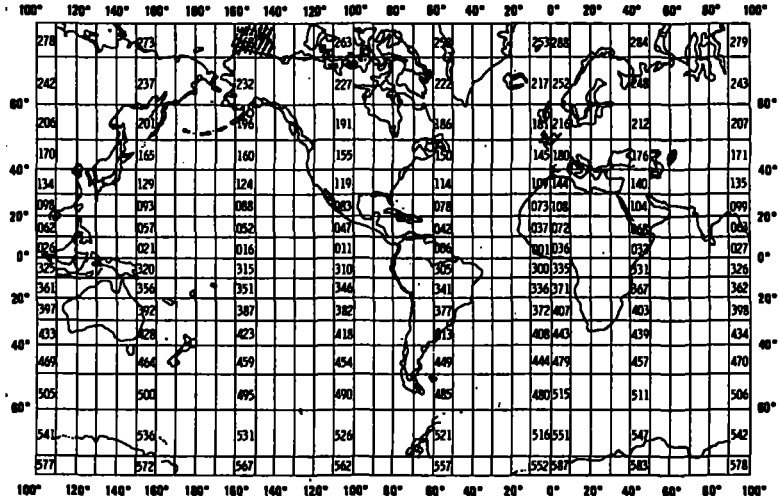
NOAA FORM 24-13
(4-77)U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL OCEANOGRAPHIC DATA CENTER
RECORDS SECTION
WASHINGTON, DC 20235FORM APPROVED
O.M.B. No. 41-R2651
EXPIRES 1-81

(While you are not required to use this form, it is the most desirable mechanism for providing the required ancillary information enabling the NODC and users to obtain the greatest benefit from your data.)

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 UNIV WASH.			
2. EXPEDITION, PROJECT, OR PROGRAM DURING WHICH DATA WERE COLLECTED OCSEAP RU 519		3. CRUISE NUMBER(S) USED BY ORIGINATOR TO IDENTIFY DATA IN THIS SHIPMENT FILE TYPE 101 FILE ID 3	
4. PLATFORM NAME(S)	5. PLATFORM TYPE(S) (E.G., SHIP, BUOY, ETC.) FIXED COASTAL STA	6. PLATFORM AND OPERATOR NATIONALITY(IES)	7. DATES FROM: MO, DAY, YR TO: MO, DAY, YR 7/24/77 8/30/77
8. ARE DATA PROPRIETARY? <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES IF YES, WHEN CAN THEY BE RELEASED FOR GENERAL USE? YEAR MONTH		11. PLEASE DARKEN ALL MARSDEN SQUARES IN WHICH ANY DATA CONTAINED IN YOUR SUBMISSION WERE COLLECTED. GENERAL AREA	
9. ARE DATA DECLARED NATIONAL PROGRAM (DNP)? (I.E., SHOULD THEY BE INCLUDED IN WORLD DATA CENTERS HOLDINGS FOR INTERNATIONAL EXCHANGE?) <input 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)			

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	Forel scale	Visual comparison with Forel 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
WIND SPEED DIRECTION 1	METERS/SEC DEGREES TRUE	MRI MECHANICAL WEATHER STATIONS MODEL 1071 CLIMET SYSTEM CI-60	N/A	N/A
TEMPERATURE DEW POINT	DEGREES CELSIUS	EG&G TEMPERATURE DEW POINT MEASURING SET MODEL 110S-M	N/A	N/A
PRESSURE	MILLIBARS	WEATHER MEASURE MICROBAROGRAPHS MODEL B211 CALIBRATED WITH N&Z DIGITAL ANEROID BAROMETERS	N/A	N/A

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

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.

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

RECORD TYPES '1', '2', & '3' WERE USED
IN OCSEAP FORMAT 101

2. GIVE BRIEF DESCRIPTION OF FILE ORGANIZATION

DATA ARE SEQUENCED SAME AS FORMAT - RECORD
TYPE 1, 2, 3. BLANK FIELDS SIGNIFY NO DATA COLLECTED.
TWO FILES:

FILE ID=2 SPRING 1977

FILE ID=3 SUMMER 1977

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

4. RESPONSIBLE COMPUTER SPECIALIST:

NAME AND PHONE NUMBER ROGER ANDERSEN 206-543-6613

ADDRESS POLAR SCIENCE CENTER, UNIVERSITY OF WASHINGTON
4057 ROOSEVELT WAY NE, SEATTLE, WA 98105

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 type="checkbox"/> EBCDIC</p> <p><input checked="" type="checkbox"/> PUNCHED CARDS</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 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 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>OCSEAP</p> <p>519 101 2 & 3</p> <p>BEAUFORT SEA COAST 1977</p> <p>77/04/25-77/08/30 LEAVITT, E.</p> <p>BOX 2 OF 2</p>
<p>8. DENSITY</p> <p><input type="checkbox"/> 200 BPI <input type="checkbox"/> 1600 BPI</p> <p><input type="checkbox"/> 556 BPI</p> <p><input type="checkbox"/> 800 BPI</p> <p><input type="checkbox"/> _____</p>	<p>12. PHYSICAL BLOCK LENGTH IN BYTES</p> <p>13. LENGTH OF BYTES IN BITS <u>4</u></p>

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

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

USER TAPE

2. GIVE BRIEF DESCRIPTION OF FILE ORGANIZATION

ATTRIBUTES AS EXPRESSED IN

☐

PL-1

☐

ALGOL

☐

COBOL

☐

FORTRAN

☐

LANGUAGE

4. RESPONSIBLE COMPUTER SPECIALIST:

NAME AND PHONE NUMBER

ADDRESS

D 752- NOAA/EDIS/NODC - 202 634 7505
 WASHINGTON, DC 20235

COMPLETE THIS SECTION IF DATA ARE ON MAGNETIC TAPE

5. RECORDING MODE <input type="checkbox"/> BCD <input type="checkbox"/> BINARY <input type="checkbox"/> ASCII <input checked="" type="checkbox"/> EBCDIC <input type="checkbox"/> _____	9. LENGTH OF INTER-RECORD GAP (IF KNOWN) <input type="checkbox"/> 3/4 INCH <input type="checkbox"/> _____
6. NUMBER OF TRACKS (CHANNELS) <input type="checkbox"/> SEVEN <input checked="" type="checkbox"/> NINE <input type="checkbox"/> _____	10. END OF FILE MARK <input type="checkbox"/> OCTAL 17 <input type="checkbox"/> _____
7. PARITY <input checked="" type="checkbox"/> ODD <input type="checkbox"/> EVEN	11. PASTE-ON-PAPER LABEL DESCRIPTION (INCLUDE ORIGINATOR NAME AND SOME LAY SPECIFICATIONS OF DATA TYPE, VOLUME NUMBER) 010658 (1,5L) DSN = TR 3259 4800 60
8. DENSITY <input type="checkbox"/> 200 BPI <input checked="" type="checkbox"/> 1600 BPI <input type="checkbox"/> 556 BPI <input type="checkbox"/> 800 BPI <input type="checkbox"/> _____	
12. PHYSICAL BLOCK LENGTH IN BYTES 4800 13. LENGTH OF BYTES IN BITS 60	

RECORD NAMEUSCOMM-DC 44289-P72

RECORD FORMAT DESCRIPTION

RECORD NAME _____

14. FIELD NAME	15. POSITION FROM - 1 MEASURED IN (e.g., bits, bytes)	16. LENGTH		17. ATTRIBUTES	18. USE AND MEANING
		NUMBER	UNITS		

RECORD FORMAT DESCRIPTION

RECORD NAME

FIELD NAME	15. POSITION FROM - 1 MEASURED IN _____ (e.g., bits, bytes)	16. LENGTH		17. ATTRIBUTES	18. USE AND MEANING
		NUMBER	UNITS		

RECORD FORMAT DESCRIPTION

RECORD NAME _____

14. FIELD NAME	15. POSITION FROM - 1 MEASURED IN _____ (e.g., bits, bytes)	16. LENGTH		17. ATTRIBUTES	18. USE AND MEANING
		NUMBER	UNITS		

D. INSTRUMENT CALIBRATION

This calibration information will be utilized by NOAA's National Oceanographic Instrumentation Center in their efforts to develop calibration standards for voluntary acceptance by the oceanographic community. Identify the instruments used by your organization to obtain the scientific content of the DDF (i.e., STD, temperature and pressure sensors, salinometers, oxygen meters, velocimeters, etc.) and furnish the calibration data requested by completing and/or checking ("✓") the appropriate spaces. Add the interval time (i.e., 3 months, 6 months, 9 months, etc.) if the fixed interval calibration cycle is checked.

INSTRUMENT TYPE (MFR., MODEL NO.)	DATE OF LAST CALIBRATION	INSTRUMENT WAS CALIBRATED BY		CHECK ONE: INSTRUMENT IS CALIBRATED					INSTRUMENT IS NOT CALI- BRATED (✓)
		YOUR ORGANIZATION (✓)	OTHER ORGANIZATION (GIVE NAME)	AT FIXED INTERVALS (✓)	BEFORE OR AFTER USE (✓)	BEFORE AND AFTER USE (✓)	ONLY AFTER REPAIR (✓)	ONLY WHEN NEW (✓)	
MRI WEATHER STATION 1071	1976		MRI					✓	
CLIMET SYSTEM CI-60	1976			✓					
EG&G HYGROMETER 1105-M	1976			✓					
WEATHER MEASURE MICROBAROGRAPH 8211	1977					✓			

File type 101

17

SDF1 020710

SDF2 001813

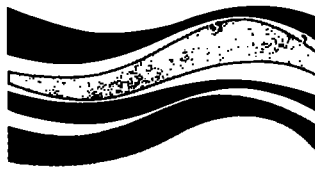
ANSE 000615

TR 114, 118, 1465, 1662, 1697, 1698, 1707, 2421-2423, 3259,

3260, 3937-3941

65,766

Accession No. 78-0530



Phil

POLAR SCIENCE CENTER

DIVISION OF MARINE RESOURCES • UNIVERSITY OF WASHINGTON

November 15, 1978

Mr. John J. Audet
National Oceanic Data Center
Page Building Number 1
2001 Wisconsin Avenue NW
Washington, DC 20235

Dear Mr. Audet:

This relates to OCSEAP project RU519's data set for Spring and Summer 1978 ("file type 101", file ID's 2 and 3, "NODC tracks 3259 and 3260"). You should by now have heard from Toni Johnson the correction for the single bad atmospheric pressure value in file ID 3. I have recently discovered an additional cluster of errors in pressure in file ID 2. The following summarizes the known errors in the original data submission.

<u>File ID</u>	<u>Station (#)</u>	<u>Date/GMT</u>	<u>Old & Bad Value</u>	<u>New & Good Value</u>
2	Oliktok (2)	5-19/0000	10168	10068
"	"	0300	10170	10070
"	"	0600	10180	10080
"	"	0900	10191	10091
"	"	1200	10203	10103
"	"	1500	10214	10114
"	"	1800	10226	10126
"	"	2100	10242	10142
"	"	5-20/0000	10254	10154
"	"	0300	10269	10169
"	"	0600	10284	10184
3	Pingok (5)	8-26/0000	20099	10099

All listed data values here are atmospheric pressure to tenths of a millibar, i.e., 1009.9 mb appears as "10099".

Embarrassedly yours,

Roger Andersen

Roger Andersen

RA:pd

cc: Toni Johnson

Corrections made on disk
12/05/78
me

corrected on tape (cont num?)

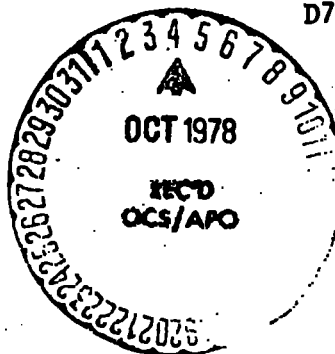


UNITED STATES DEPARTMENT OF COMMERCE
National Oceanic and Atmospheric Administration
ENVIRONMENTAL DATA SERVICE
Washington, D.C. 20235

Phil

Environmental Data and Information Service
National Oceanographic Data Center
Washington, D.C. 20235

D781/JJA



Date: September 25, 1978

To : Toni Johnson, Data Manager
Arctic Project Office/OCSEAP

From: OA/D781 - Jim Audet

Jim Audet

Subj: Check Program Results for RU 519

Enclosed are the check program results and preliminary inventories for file type 101, file IDs -2 and -3 (NODC tracks 3259 and 3260). Except for one atmospheric pressure value (station 5, file ID 3) for which we need a correct value, no errors were noted for either data set. The station number change message is the result of text records preceding each station record and should not be considered errors.

Enclosure

cc: W. Fischer
M. Crane
P. Hadsell

WRONG
2009.9

CORRECT
1009.9
≡

per Roger Anderson by phone 11/6/78

Jim: Please correct and final-process.

Toni M. Johnson
Arctic Admin. Data Mgr.



Please submit
to me by
11/6/78

Toni

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

Accession: 78-0530

USER'S INPUT REQUESTS FOLLOW:

LRECL HAS BEEN SPECIFIED AS 60

STATION HEADER RECORD SPECIFIED AS 1

RECORD TYPES FLAGGED FOR RETRIEVAL ARE 123

STATION STARTS IN POSITION 11 FOR 8 BYTES

STATION WILL APPEAR ON RECORD TYPES 1 123

RECORD TYPE WILL BE TAKEN FROM COLUMN 10 OF THE INPUT RECORDS

FILETYPE IS 101

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

101TR32591 1DEADHORSE PRESSURE SPRING77 1

??????

FIRST FILE ID

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 LOW HIGH	ACTUAL RANGE LOWEST HIGHEST	MEAN	S. DEV	COUNT
N	1	45	6	SEQUENCE NUMBER	NO RANGE CHECKING	1 8	4.50	2.29	1000
B	1	51	10						1000
M	2	16	2	LAT DEG	40 89	69 70	69.75	43	1000
M	2	18	2	LAT MIN	00 59	9 30	20.12	8.45	1000
N	2	20	2	LAT HUNDREDTHS	00 99	0 92	46.50	33.90	1000
C	2	22	1	LAT HEM	N N				1000
M	2	23	3	LON DEG	040 179	145 182	148.50	11.93	1000
M	2	26	2	LON MIN	00 59	5 54	34.37	18.83	1000
N	2	28	2	LON HUNDREDTHS	00 99	1 98	51.37	26.99	1000
C	2	30	1	LON HEM	W W				1000
N	2	32	4	ELEVATION	0000 1000	0 288	49.25	93.82	1000
N	2	36	3	HEIGHT OF PLATFORM	000 990	27 199	93.75	53.85	1000
N	2	39	3	METER USE NUMBER	NO RANGE CHECKING	2 2	2.00	00	1000
B	2	42	19						1000
M	3	16	2	OBS YR	74 78	77 77	77.00	00	235
M	3	18	2	OBS MON	01 12	4 6	5.17	54	235
M	3	20	2	OBS DAY	01 31	1 31	16.08	9.10	235
M	3	22	2	OBS HOUR	00 23	0 21	10.46	6.90	235
M	3	24	2	OBS MINUTE	00 59	0 0	00	00	235
N	3	26	2	HUNDRED OF MINUTES	00 99	0 0	00	00	235
N	3	28	5	E-W COMP M TO .01	-2000 +2000	-1200 1100	284.01	436.52	1476
N	3	33	5	N-S COMP M TO .01	-2000 +2000	-890 430	188.96	204.68	1476
N	3	38	5	AIR TEM DEG C TO .01	-3000 +3900	-2330 1390	405.91	618.10	1476
B	3	43	2						1000
N	3	45	6	SEQUENCE NUMBER	NO RANGE CHECKING	1 497	167.36	115.49	235
N	3	51	5	AT. PRESS MB TO .1	09439 10505	10029 10282	10148.08	60.48	1203
N	3	56	5	DEWPT DEG C TO .01	-3000 +3900	-2580 0	1255.83	585.29	1203

RECORDS READ 1

2411

101TR32601 1DEADHORSE PRESSURE SUMMER77 1

??????

FILE ID HAS CHANGED

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 LOW HIGH	ACTUAL RANGE LOWEST HIGHEST	MEAN	S. DEV	COUNT
N	1	45	6	SEQUENCE NUMBER	NO RANGE CHECKING	1 6	3.80	1.70	0
B	1	51	10						0
M	2	16	2	LAT DEG	40 89	69 70	69.83	77	0
M	2	18	2	LAT MIN	00 59	11 33	25.83	7.27	0
N	2	20	2	LAT HUNDREDTHS	00 99	0 92	54.16	34.34	0
C	2	22	1	LAT HEM	N N				
M	2	23	3	LON DEG	040 179	147 152	149.00	1.52	0
M	2	26	2	LON MIN	00 59	5 57	30.50	19.83	0
N	2	28	2	LON HUNDREDTHS	00 99	35 63	49.33	8.23	0
C	2	30	1	LON HEM	W W				
N	2	32	4	ELEVATION	0000 1000	0 81	17.50	28.98	0
N	2	36	3	HEIGHT OF PLATFORM	000 990	27 128	80.16	38.25	0
N	2	39	3	METER USE NUMBER	NO RANGE CHECKING	3 3	3.00	00	0
B	2	42	19						0
M	3	16	2	OBS YR	74 78	77 77	77.00	00	1337
M	3	18	2	OBS MON	01 12	7 9	7.83	43	1337
M	3	20	2	OBS DAY	01 31	1 31	17.92	9.05	1337
M	3	22	2	OBS HOUR	00 23	0 21	10.50	6.88	1337
M	3	24	2	OBS MINUTE	00 59	0 0	00	00	1337
N	3	26	2	HUNDRED, OF MINUTES	00 99	0 0	00	00	1337
N	3	28	5	E-W COMP M TO .01	-2000 +2000	-1250 740	386.78	447.57	072
N	3	33	5	N-S COMP M TO .01	-2000 +2000	-540 630	134.68	162.71	072
N	3	38	5	AIR TEM DEG C TO .01	-3000 +3900	-330 1130	185.82	255.17	066
B	3	43	2						0
N	3	45	6	SEQUENCE NUMBER	NO RANGE CHECKING	1 318	133.40	80.80	1337
N	3	51	5	AT, PRESS MB TO .1	09439 10505	10065 10283	10160.84	47.01	1108
N	3	56	5	DEWPT DEG C TO .01	-3000 +3900	-380 2660	235.11	253.71	219

RECORDS READ 1

1569

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 1

RECORD TYPES FLAGGED FOR RETRIEVAL ARE - 123

STATION STARTS IN POSITION 11 FOR 5 BYTES

STATION WILL APPEAR ON RECORD TYPES 1 123

RECORD TYPE WILL BE TAKEN FROM COLUMN 10 OF THE INPUT RECORDS

FILETYPE IS 101

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

101TR32591 1DEADHORSE PRESSURE SPRING77 1

??????

FIRST FILE ID

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			
N	1	45	6	SEQUENCE NUMBER	NO RANGE CHECKING		1	8	4.50	2.29	1
B	1	51	10								1
M	2	16	2	LAT DEG	40	89	69	70	69.75	4.3	1
M	2	18	2	LAT MIN	00	59	9	30	20.12	8.45	1
N	2	20	2	LAT HUNDREDTHS	00	99	0	92	46.50	33.90	1
C	2	22	1	LAT HEM	N	N					1
M	2	23	3	LON DEG	040	179	145	152	148.50	11.93	1
M	2	26	2	LON MIN	00	59	3	54	34.37	18.83	1
N	2	28	2	LON HUNDREDTHS	00	99	1	98	51.37	26.99	1
C	2	30	1	LON HEM	W	W					1
N	2	32	4	ELEVATION	0000	1000	0	288	49.25	93.82	1
N	2	36	3	HEIGHT OF PLATFORM	000	990	27	199	93.75	53.85	1
N	2	39	3	METER USE NUMBER	NO RANGE CHECKING		2	2	2.00	.00	1
B	2	42	19								1
M	3	16	2	OBS YR	74	78	77	77	77.00	.00	2
M	3	18	2	OBS MON	01	12	4	6	5.17	5.4	2
M	3	20	2	OBS DAY	01	31	1	31	16.08	9.10	2
M	3	22	2	OBS HOUR	00	23	0	21	10.46	6.90	2
M	3	24	2	OBS MINUTE	00	59	0	0	.00	.00	2
N	3	26	2	HUNDRED OF MINUTES	00	99	0	0	.00	.00	2
N	3	28	5	E-W COMP M TO .01	-2000	+2000	-1200	1100	284.81	436.52	1
N	3	33	5	N-S COMP M TO .01	-2000	+2000	-890	430	188.96	204.68	1
N	3	38	5	AIR TEM DEG C TO .01	-3000	+3900	-2530	1390	405.91	618.10	1
B	3	43	2								1
N	3	45	6	SEQUENCE NUMBER	NO RANGE CHECKING		1	497	167.36	113.49	2
N	3	51	5	AT. PRESS MB TO .1	09439	10505	10029	10282	10148.68	60.48	1
N	3	56	5	DEWPT DEG C TO .01	-3000	+3900	-2580	0	1255.63	585.29	1

RECORDS READ 1

2411

101TR32601 1DEADHORSE PRESSURE SUMMER77 1

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FILE ID HAS CHANGED

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 LOW HIGH	ACTUAL RANGE LOWEST HIGHEST	MEAN	S, DEV	COUNT
N	1	45	6	SEQUENCE NUMBER	NO RANGE CHECKING	1 6	3.50	1.70	0
B	1	51	10						0
M	2	16	2	LAT DEG	40 89	69 70	69.83	.77	0
M	2	18	2	LAT MIN	00 59	11 33	25.83	7.27	0
N	2	20	2	LAT HUNDREDTHS	00 99	0 92	54.16	34.84	0
C	2	22	1	LAT HEM	N N				
M	2	23	3	LON DEG	040 179	147 152	149.00	1.52	0
M	2	26	2	LON MIN	00 59	5 57	30.50	19.83	0
N	2	28	2	LON HUNDREDTHS	00 99	35 63	49.33	8.23	0
C	2	30	1	LON HEM	W W				
N	2	32	4	ELEVATION	0000 1000	0 81	17.50	28.98	0
N	2	36	3	HEIGHT OF PLATFORM	000 990	27 128	80.16	38.25	0
N	2	39	3	METER USE NUMBER	NO RANGE CHECKING	3 3	3.00	.00	0
B	2	42	19						0
M	3	16	2	OBS YR	74 78	77 77	77.00	.00	1397
M	3	18	2	OBS MON	01 12	7 9	7.83	.43	1397
M	3	20	2	OBS DAY	01 31	1 31	17.62	9.05	1397
M	3	22	2	OBS HOUR	00 23	0 21	10.50	6.88	1397
M	3	24	2	OBS MINUTE	00 59	0 0	.00	.00	1397
N	3	26	2	HUNDRED OF MINUTES	00 99	0 0	.00	.00	1397
N	3	28	5	E-W COMP M TO .01	-2000 +2000	-1550 740	386.78	447.57	672
N	3	33	5	N-S COMP M TO .01	-2000 +2000	-340 630	134.68	162.71	672
N	3	38	5	AIR TEM DEG C TO .01	-3000 +3900	-330 1190	185.82	255.17	666
B	3	43	2						0
N	3	45	6	SEQUENCE NUMBER	NO RANGE CHECKING	1 318	123.90	80.80	1397
N	3	51	5	AT, PRESS MB TO .1	09439 10505	10065 10283	10160.84	47.01	1108
N	3	56	5	DEWPT DEG C TO .01	-3000 +3900	-380 2660	235.11	253.71	214

RECORDS READ 1

1569

END OF PRELIMINARY TEST
PROCEEDING WITH STATION NUMBER TEST

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 1

RECORD TYPES FLAGGED FOR RETRIEVAL ARE 1 123

STATION STARTS IN POSITION 11 FOR 5 BYTES

STATION WILL APPEAR ON RECORD TYPES 1 123

RECORD TYPE WILL BE TAKEN FROM COLUMN 10 OF THE INPUT RECORDS

FILETYPE IS 101

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

101TR32591 1DEADHORSE PRESSURE SPRING77 1

??????

FIRST FILE ID

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			
N	1	45	6	SEQUENCE NUMBER	NO RANGE CHECKING		1	8	4.50	2.29	
B	1	51	10								
M	2	16	2	LAT DEG	40	89	69	70	69.75	43	
M	2	18	2	LAT MIN	00	59	9	30	20.12	8.45	
N	2	20	2	LAT HUNDRETHS	00	99	0	92	46.50	33.90	
C	2	22	1	LAT HEM	N	N					
M	2	23	3	LON DEG	040	179	145	152	148.50	11.93	
M	2	26	2	LON MIN	00	59	5	54	34.37	18.83	
N	2	28	2	LON HUNDRETHS	00	99	1	98	51.37	26.99	
C	2	30	1	LON HEM	W	W					
N	2	32	4	ELEVATION	0000	1000	0	288	49.25	93.82	
N	2	36	3	HEIGHT OF PLATFORM	000	990	27	199	93.75	93.85	
N	2	39	3	METER USE NUMBER	NO RANGE CHECKING		2	2	2.00	00	
B	2	42	19								
M	3	16	2	OBS YR	74	78	77	77	77.00	00	2
M	3	18	2	OBS MON	01	12	4	6	5.17	54	2
M	3	20	2	OBS DAY	01	31	1	31	16.08	9.10	2
M	3	22	2	OBS HOUR	00	23	0	21	10.46	6.90	2
M	3	24	2	OBS MINUTE	00	59	0	0	00	00	2
N	3	26	2	HUNDRED OF MINUTES	00	99	0	0	00	00	2
N	3	28	5	E-W COMP M TO .01	-2000	+2000	-1200	1100	284.61	436.52	1470
N	3	33	5	N-S COMP M TO .01	-2000	+2000	-890	430	188.96	204.68	1470
N	3	38	5	AIR TEM DEG C TO .01	-3000	+3900	-2330	1390	405.91	618.10	1421
B	3	43	2								
N	3	45	6	SEQUENCE NUMBER	NO RANGE CHECKING		1	497	167.36	115.49	2393
N	3	51	5	AT. PRESS MB TO .1	09439	10505	10029	10282	10148.68	60.48	1203
N	3	56	5	DEWPT DEG C TO .01	-3000	+3900	-2580	0	1255.83	585.29	1372

RECORDS READ 1

2411

101TR32601 1DEADHORSE PRESSURE SUMMER77 1

??????

FILE ID HAS CHANGED

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 LOW HIGH	ACTUAL RANGE LOWEST HIGHEST	MEAN	S. DEV	COUNT
N	1	45	6	SEQUENCE NUMBER	NO RANGE CHECKING	1 6	3.50	1.70	6
B	1	51	10						0
M	2	16	2	LAT DEG	40 89	69 70	69.83	.77	6
M	2	18	2	LAT MIN	00 59	11 33	25.83	7.27	6
N	2	20	2	LAT HUNDREDTHS	00 99	0 92	54.16	34.94	6
C	2	22	1	LAT HEM	N N				
M	2	23	3	LON DEG	040 179	147 152	149.00	1.52	6
M	2	26	2	LON MIN	00 59	5 57	30.50	19.83	6
N	2	28	2	LON HUNDREDTHS	00 99	35 63	49.33	8.23	6
C	2	30	1	LON HEM	W W				
N	2	32	4	ELEVATION	0000 1000	0 81	17.50	28.98	6
N	2	36	3	HEIGHT OF PLATFORM	000 990	27 128	80.16	38.25	6
N	2	39	3	METER USE NUMBER	NO RANGE CHECKING	3 3	3.00	.00	6
B	2	42	19						0
M	3	16	2	OBS YR	74 78	77 77	77.00	.00	1597
M	3	18	2	OBS MON	01 12	7 9	7.83	.43	1597
M	3	20	2	OBS DAY	01 31	1 31	17.82	9.05	1597
M	3	22	2	OBS HOUR	00 23	0 21	10.50	6.88	1597
M	3	24	2	OBS MINUTE	00 59	0 0	.00	.00	1597
N	3	26	2	HUNDRED, OF MINUTES	00 99	0 0	.00	.00	1597
N	3	28	5	E-W COMP M TO .01	-2000 +2000	-1350 740	386.78	447.57	672
N	3	33	5	N-S COMP M TO .01	-2000 +2000	-540 630	134.68	102.71	672
N	3	38	5	AIR TEM DEG C TO .01	-3000 +3900	-330 1130	185.82	255.17	660
B	3	43	2						0
N	3	45	6	SEQUENCE NUMBER	NO RANGE CHECKING	1 318	133.90	80.80	1597
N	3	51	5	AT, PRESS MB TO .1	09439 10505	10065 10283	10160.84	47.01	1506
N	3	56	5	DEWPT DEG C TO .01	-3000 +3900	-380 2660	235.11	253.71	216

RECORDS READ 1

1569

Password:

accNo	fleA	refNo	proj	inst	ship	startDate	cruise	catId
7800530	F101	TR3259	0081	3109	32FS	1977/04/27	2	307305
7800530	F101	TR3260	0081	3109	32FS	1977/07/22	3	307306

(2 rows affected)

Password:

accNo	fleA	refNo	ship	staCnt	recCnt	startDate	endDate
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7800530	F101	TR3259	32FS	18	2411	77/04/27	77/06/01
7800530	F101	TR3260	32FS	13	1569	77/07/22	77/09/01

(2 rows affected)