

DDI- A:1:12

DATA DOCUMENTATION FORM

TR-0146

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

319047

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			
Knut Aagaard Department of Oceanography, WB-10, University of Washington Seattle, Washington 98195			
2. EXPEDITION, PROJECT, OR PROGRAM DURING WHICH DATA WERE COLLECTED		3. CRUISE NUMBER(S) USED BY ORIGINATOR TO IDENTIFY DATA IN THIS SHIPMENT	
OCSEAP - R.U. 151		W 00021	
4. PLATFORM NAME(S)	5. PLATFORM TYPE(S) (E.G., SHIP, BUOY, ETC.)	6. PLATFORM AND OPERATOR NATIONALITY(IES)	7. DATES
Bell 205	Helicopter	PLATFORM OPERATOR	FROM: MO/DAY/YR TO: MO/DAY/YR
		U.S. U.S.	10/26/75 11/10/75
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	
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) R.B. Tripp Department of Oceanography University of Washington Seattle, Washington 98195 (206) 543-5334			

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
Temperature	°C	CTD - Plessey Model 9400 Sensor Model 4500	N/A	Coarse gradient filter correct for sensor mismatch correct on basis of bottle calibrations Interpolate to 1-m intervals
Salinity	‰	CTD - Plessey Model 9400 Sensor Model 6500	N/A	Coarse gradient filter correct on basis of bottle calibrations Interpolate to 1-m intervals
Depth	m	CTD - Plessey Model 9400 Sensor Model 4600	N/A	Average depths within 0.1 m Allow only monotonic increase

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

Two record types, master record (2), and detail record (3)
differentiated by byte 10.

2. GIVE BRIEF DESCRIPTION OF FILE ORGANIZATION

One file containing 23 stations. Each station has the required
master record followed by detail records.

NOTE: DATE/TIME IN ERROR FOR STATIONS
10, 11, 14, 15, 18 + 19 (SEE BACK)

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

4. RESPONSIBLE COMPUTER SPECIALIST:

NAME AND PHONE NUMBER Patricia Morrison

ADDRESS Dept. of Oceanography, University of Washington, Seattle, WA 98195

COMPLETE THIS SECTION IF DATA ARE ON MAGNETIC TAPE

5. RECORDING MODE <input checked="" type="checkbox"/> BCD <input type="checkbox"/> BINARY <input type="checkbox"/> ASCII <input type="checkbox"/> EBCDIC <input type="checkbox"/> _____	9. LENGTH OF INTER-RECORD GAP (IF KNOWN) <input checked="" type="checkbox"/> 3/4 INCH <input type="checkbox"/> _____
6. NUMBER OF TRACKS (CHANNELS) <input checked="" type="checkbox"/> SEVEN <input type="checkbox"/> NINE <input type="checkbox"/> _____	10. END OF FILE MARK <input checked="" type="checkbox"/> OCTAL 17 <input type="checkbox"/> _____
7. PARITY <input type="checkbox"/> ODD <input checked="" type="checkbox"/> EVEN	11. PASTE-ON-PAPER LABEL DESCRIPTION (INCLUDE ORIGINATOR NAME AND SOME LAY SPECIFICATIONS OF DATA TYPE, VOLUME NUMBER) VOL=SER= 009470 LABEL= (1, NL) LRECL= 120
8. DENSITY <input type="checkbox"/> 200 BPI <input type="checkbox"/> 1600 BPI <input checked="" type="checkbox"/> 556 BPI <input type="checkbox"/> 800 BPI <input type="checkbox"/> _____	12. PHYSICAL BLOCK LENGTH IN BYTES 3600
	13. LENGTH OF BYTES IN BITS

CORRECT DATE/TIME GROUPS

<u>STA.</u>	<u>GR.</u>	<u>MO.</u>	<u>DAY</u>	<u>GMT</u>
18	75	11	04	0125
11	75	11	04	0227
14	75	11	05	2118
15	75	11	05	2220
18	75	11	09	2108
19	75	11	09	2228

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

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

P. TOPOLY

4-7505

ADDRESS

D752

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 checked="" 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 checked="" 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 LAY SPECIFICATIONS OF DATA TYPE, VOLUME NUMBER)</p> <p>VOL = SER = 006706</p> <p>LABEL: (1, NL)</p> <p>LRCL: 120</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>4800</p> <p>13. LENGTH OF BYTES IN BITS</p>

RECORD NAME TEXT RECORD (OPTIONAL)

14. D 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 '022'
File Identification	4	6	Bytes	A6	
Record Type	10	1	Bytes	I1	Always '1'
Cast Number	11	5	Bytes	A5	Analogous to NODC Station Number
Text	16	100	Bytes	100A1	Additional pertinent information
Sequence Number	116	5	Bytes	I5	Ascending numeric, used for sorting
MASTER RECORD (REQUIRED THRU BYTES 59)					
File Type	1	3	Bytes	A3	Always '022'
File Identification	4	6	Bytes	A6	
Record Type	10	1	Bytes	I1	Always '2'
Cast Number	11	5	Bytes	A5	Analogous to NODC Station Number
Latitude					
Degrees	16	2	Bytes	I2	
Minutes	18	2	Bytes	I2	
Hundredths of minutes	20	2	Bytes	I2	
Hemisphere	22	1	Bytes	A1	'N' or 'S'
Longitude					
Degrees	23	3	Bytes	I3	
Minutes	26	2	Bytes	I2	
Hundredths of minutes	28	2	Bytes	I2	
Hemisphere	30	1	Bytes	A1	'E' or 'W'
Cruise Identification	31	10	Bytes	10A1	Originator Cruise Identification
Number of Scans	41	5	Bytes	I5	Number of scans in a 'station' (There are five scans per record type '3')
Year	46	2	Bytes	I2	Last two digits of year 1-12 1-31 0-23 0-59 GMT
Month	48	2	Bytes	I2	
Day	50	2	Bytes	I2	
Hour	52	2	Bytes	I2	
Minutes	54	2	Bytes	I2	
Depth Interval Indicator	56	1	Bytes	I1	'0' equals unequally spaced depths '1' equals equal spaced depths
Depth Interval	57	3	Bytes	I3	When above equals '1', the depth interval, to tenths of meters reported.
Barometric pressure	60	5	Bytes	I5	Millibars to tenths

RECORD FORMAT DESCRIPTION STD

RECORD NAME MASTER RECORD CONTINUED

FIELD NAME	15. POSITION FROM - 1 MEASURED IN Bytes (e.g., bits, bytes)	16. LENGTH		17. ATTRIBUTES	18. USE AND MEANING
		NUMBER	UNITS		
Wet bulb temperature	65	4	Bytes	I4	Degrees C to tenths
Dry bulb temperature	69	4	Bytes	I4	Degrees C to tenths
Wind direction	73	2	Bytes	I2	Tens of degrees WMO Codes 0855 and 0877
Wind speed	75	2	Bytes	I2	Whole knots
Weather Code	77	1	Bytes	I1	WMO 4501
Sea State Code	78	1	Bytes	I1	WMO 3700
Visibility Code	79	1	Bytes	I1	WMO 4300
Cloud Type Code	80	1	Bytes	A1	WMO 0500
Cloud Amount Code	81	1	Bytes	I1	WMO 2700
Instrument Information	82	20	Bytes	20A1	Type and Serial Number
Location Name	102	6	Bytes	A6	OCSEP Internal Location Code
Depth to bottom	108	5	Bytes	I5	To whole meters
Maximum depth of cast	113	4	Bytes	I4	To whole meters
Blank	117	4	Bytes	4X	
DETAIL RECORD (REQUIRED)					
File Type	1	3	Bytes	A3	Always '022'
File Identification	4	6	Bytes	A6	
Record Type	10	1	Bytes	I1	Always '3'
Cast Number	11	5	Bytes	A5	Analogous to NODC Station Number
Depth	16	5	Bytes	I5	Meters to tenths
Temperature	21	5	Bytes	I5	Degrees C to thousandths
Salinity	26	5	Bytes	I5	P.P.T. to thousandths
Sigma-t	31	4	Bytes	I4	To hundredths
Scan Condition Code	35	1	Bytes	A1	Code describing how data arrived at
SCAN DATA	36	4(20)	Bytes	4(3I5,I4,A1)	Repetition of above
Sequence Number	116	5	Bytes	I5	Ascending numeric, used for sorting
Blanks are used when significance of field indicated exceeds what is measured.					

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 (✓)	
Plessey 9400 CTD									
Conductivity-6500 SN 614	7 May 1976		Plessey		✓ NRCC		✓ Plessey		
Temperature-4500 SN 712	9 Sept. 1976		Plessey		✓ NRCC		✓ Plessey		
Depth - 4600 SN 813	9 Sept. 1976		Plessey		✓ NRCC		✓ Plessey		
In addition we calibrate each cast in the field, using Nansen bottle and reversing thermometers									



U.S. DEPARTMENT OF COMMERCE
National Oceanic and Atmospheric Administration
ENVIRONMENTAL RESEARCH LABORATORIES

Outer Continental Shelf Environmental
Assessment Program

Bering Sea-Gulf of Alaska Project Office

P. O. Box 1808

Juneau, Alaska 99802

PH: 907-586-7432

Date : October 4, 1976

To : Jim Audet
EDS Data Coordinator

From : Francesca M. Cava, Assistant Data Manager *MC*
NOAA/OCSEAP - Juneau Project Office

Subject: Submission of Data for R.U. 151.

Under separate cover is one magnetic tape, partial printout and DDF.
This data is labelled as follows:

151 022 W00021

BELL 205 W-21

10/26/75 - 11/10/75 Aagaard, K

7 Track, 556 BPI, Even Parity

cc: G. Weller
D. Tripp
P. Morrison
K. Aagaard

END.



PAGE 1

// JCB 0020

LOG DRIVE CART SPEC CART AVAIL PHY DRIVE
0000 0020 0020 0000

V2 M08 ACTUAL 8K CONFIG 8K

// XEQ LSPUB

022W000212	171087	N152399	W	W-21	2575102623501	10	-160	2	7	8PLESSEY9400614712813	25	24
022W000213	1	0-151	2762722222	10-151	2762722222	20-151	2762722222	30-151	2762722222	40-151	2769022272	1
022W000213	1	50-151	2767622262	60-151	2770822292	70-151	2777822342	80-151	2780422362	90-151	2779322362	2
022W000213	1	100-151	2782822382	110-151	2784722402	120-150	2792122462	130-151	2798422512	140-151	2807722592	3
022W000213	1	150-150	2811022612	160-143	2846122902	170-137	2877723152	180-127	2912223432	190-87	3192425682	4
022W000213	1	200-85	3215725872	210-85	3213425852	220-86	3213025852	230-85	3212125842	240-86	3212325842	5

022W000212	271191	N152340	W	W-21	5875102923311	10	-265	1	7	2PLESSEY9400614712813	59	57
022W000213	2	0-159	2962323842	10-159	2962323842	20-159	2962323842	30-160	2963323852	40-159	2964623862	1
022W000213	2	50-160	2964923862	60-160	2965023872	70-160	2967223882	80-160	2968623892	90-160	2969623902	2
022W000213	2	100-160	2969423892	110-160	2969623902	120-160	2970323902	130-160	2970923912	140-160	2970723912	3
022W000213	2	150-160	2970123902	160-160	2970923912	170-160	2971123912	180-160	2970623902	190-160	2969123892	4
022W000213	2	200-161	2972023922	210-160	2970723912	220-160	2970223902	230-160	2970923912	240-160	2970823912	5
022W000213	2	250-160	2972323922	260-160	2969823902	270-159	2977323962	280-157	3032624412	290-154	3063824662	6
022W000213	2	300-153	3118625102	310-145	3155325402	320-136	3175925562	330-132	3180225502	340-123	3225925962	7
022W000213	2	350-124	3232326012	360-113	3248526142	370-107	3255426202	380-107	3261626252	390-108	3270726322	8
022W000213	2	400-106	3280526402	410-111	3294026512	420-126	3300226562	430-127	3307926632	440-132	3314326682	9
022W000213	2	450-136	3320626732	460-136	3326026782	470-137	3329726812	480-137	3328826802	490-138	3332026832	10
022W000213	2	500-136	3332726832	510-140	3336226862	520-143	3334526852	530-143	3341926912	540-140	3348426962	11
022W000213	2	550-139	3348226962	560-139	3349626972	570-139	3348826962					12

022W000212	371216	N152350	W	W-21	103751031	0 91	10	-245	1 6	5PLESSEY9400614712813	102	102
022W000213	3	0-158	2966123872	10-158	2966123872	20-158	2966123872	30-158	2966223872	40-157	2966423872	1
022W000213	3	50-157	2963923852	60-157	2964423852	70-157	2963723852	80-157	2966123872	90-157	2965323862	2
022W000213	3	100-157	2967723882	110-157	2965623862	120-157	2968923892	130-157	2965923872	140-157	2966323872	3
022W000213	3	150-157	2967823882	160-157	2965823872	170-157	2969423892	180-158	2968023882	190-157	2968623892	4
022W000213	3	200-157	2967223882	210-157	2968723892	220-157	2967423882	230-158	2967723882	240-157	2968123882	5
022W000213	3	250-157	2968623892	260-158	2969423892	270-157	2969323892	280-158	2969123892	290-157	2969623902	6
022W000213	3	300-157	2971423912	310-158	2973123922	320-158	3004324182	330-157	3022624332	340-157	3032424402	7
022W000213	3	350-156	3054924592	360-155	3069024702	370-155	3079824792	380-154	3090124872	390-152	3107125012	8
022W000213	3	400-151	3130225202	410-149	3141925292	420-148	3160625442	430-148	3178825592	440-146	3183925632	9
022W000213	3	450-145	3196825732	460-145	3202325782	470-146	3205125802	480-146	3212925862	490-147	3229826002	10
022W000213	3	500-142	3244826122	510-135	3245826132	520-130	3255526202	530-119	3263126262	540-121	3269526322	11
022W000213	3	550-120	3276826372	560-121	3280626402	570-121	3284226432	580-120	3286926462	590-115	3294326512	12
022W000213	3	600-124	3295826532	610-130	3300326572	620-131	3301026572	630-133	3306026612	640-132	3308826642	13
022W000213	3	650-130	3311426662	660-126	3313926682	670-131	3315826692	680-134	3316026692	690-133	3320426732	14
022W000213	3	700-135	3320426732	710-136	3325226772	720-138	3328726802	730-139	3328526802	740-139	3330826822	15
022W000213	3	750-139	3332426832	760-142	3335826862	770-143	3335226852	780-145	3339326892	790-146	3340526902	16
022W000213	3	800-147	3344226932	810-148	3347526952	820-151	3346726952	830-151	3348226962	840-154	3352727002	17
022W000213	3	850-154	3350426982	860-154	3353727012	870-154	3353527002	880-152	3353627002	890-151	3358527042	18
022W000213	3	900-149	3360327062	910-149	3361227062	920-149	3364727092	930-149	3364327092	940-150	3367227112	19
022W000213	3	950-150	3369827132	960-149	3369527132	970-149	3370627142	980-149	3370627142	990-148	3373527162	20
022W000213	3	1000-148	3378227202	1010-148	3379427212	1020-148	3383427242					21

022W000212	471115	N152380	W	W-21	357511	122311	10	-293	000	8 OPLESSEY9400614712813	37	34
022W000213	4	0-157	2878623162	10-157	2878623162	20-157	2878623162	30-157	2877023152	40-157	2879123162	1
022W000213	4	50-158	2881223182	60-157	2880023172	70-158	2882423192	80-158	2883523202	90-158	2884123202	2
022W000213	4	100-158	2888123242	110-158	2891623272	120-158	2894023282	130-158	2896323302	140-158	2896923312	3
022W000213	4	150-158	2901623352	160-158	2899623332	170-159	2903423362	180-158	2901423342	190-159	2904023372	4
022W000213	4	200-159	2901523352	210-159	2902823362	220-159	2902123352	230-159	2906823392	240-159	2906323382	5
022W000213	4	250-158	2908023402	260-156	2924823532	270-138	3024624342	280-117	3148625342	290 -99	3199125742	6
022W000213	4	300 -89	3222525932	310 -88	3238326052	320 -90	3245526112	330 -93	3252626172	340 -97	3256726202	7

022W000212	570370 N147558 W	W-21	227511	220401	10	-260	0 9 0PLESSEY9400614712813	22	21
022W000213	5 0-152 2764922242	10-152 2764922242	20-152 2764922242	30-152 2764922242	40-151 2755422162	1			
022W000213	5 50-151 2767222262	60-151 2768422272	70-151 2769622282	80-152 2770022282	90-151 2769022272	2			
022W000213	5 100-151 2769922282	110-152 2768822272	120-152 2771822302	130-152 2772522302	140-152 2775222322	3			
022W000213	5 150-152 2773222312	160-152 2775822332	170-152 2777322342	180-152 2779222362	190-152 2781722382	4			
022W000213	5 200-152 2784822402	210-153 2571120672				5			

NANSEN REF. #

32 9047

MULDARS TRACK #

TR0146

MONITOR: CONTACT

MARY HOLLINGER

LOCATION OF F022 SOURCE

Archives

RECORD ALL ERRORS FOUND

CONSEC(S)

8, 12, 14, 19, 21

ERRORS FOUND

non-ascending depths

76-1680

CRUISE	VESSEL	PARAMETER	COUNT	BEGIN	END DATES	TEN DEG, SQUARES
W00021	BELL 205/ HELICOPTER	STATIONS	23	7511026	751110	N70+ W150+ N70+ W140+
		BAROMETRIC PRESSURE	0	0	0	
		WET BULB TEMPERATURE	0	0	0	
		DRY BULB TEMPERATURE	17	7511026	751107	N70+ W150+ N70+ W140+
		WIND DIRECTION	0	0	0	
		WIND SPEED	1	7511101	751101	N70+ W150+
		WEATHER CODE	23	7511026	751110	N70+ W150+ N70+ W140+
		SEA STATE CODE	0	0	0	
		VISIBILITY CODE	17	7511026	751107	N70+ W150+ N70+ W140+
		CLOUD TYPE CODE	0	0	0	
		CLOUD AMOUNT CODE	17	7511026	751107	N70+ W150+ N70+ W140+
		DEPTH	2900	7511026	751110	N70+ W150+ N70+ W140+
		TEMPERATURE	2900	7511026	751110	N70+ W150+ N70+ W140+
		SALINITY	2900	7511026	751110	N70+ W150+ N70+ W140+
		SIGMA-T	2937	7511026	751110	N70+ W150+ N70+ W140+
		DEPTH2	0	0	0	
		DISSOLVED OXYGEN	0	0	0	
		TRANSMISSIVITY	157	95-9999	0	
		DEPTH	0	0	0	
		TEMPERATURE	0	0	0	
		SALINITY	0	0	0	

ACCESSION #: 76-1680

TR 0146

CRUISE	VESSEL	PARAMETER	COUNT	BEGIN	END DATES	TEN DEG. SQUARES
WCOC21	BELL 205/ HELICOPTER	STATIONS	23	751026	751110	N70+ W150+ N70+ W140+
		BAROMETRIC PRESSURE	0	0	0	
		WET BULB TEMPERATURE	0	0	0	
	150 014	DRY BULB TEMPERATURE	17	751026	751107	N70+ W150+ N70+ W140+
		WIND DIRECTION	0	0	0	
	150 0140	WIND SPEED ✓	1	751101	751101	N70+ W150+
	0210	WEATHER CODE ✓	23	751026	751110	N70+ W150+ N70+ W140+
		SEA STATE CODE	0	0	0	
		0152 VISIBILITY CODE ✓	17	751026	751107	N70+ W150+ N70+ W140+
		CLOUD TYPE CODE	0	0	0	
		0151 CLOUD AMOUNT CODE	17	751026	751107	N70+ W150+ N70+ W140+
		DEPTH	23	751026	751110	N70+ W150+ N70+ W140+
	139 {	TEMPERATURE	23	751026	751110	N70+ W150+ N70+ W140+
		SALINITY	23	751026	751110	N70+ W150+ N70+ W140+
		SIGMA-T	23	751026	751110	N70+ W150+ N70+ W140+
		DEPTH2	0	0	0	
		DISSOLVED OXYGEN	0	0	0	
		TRANSMISSIVITY	0	0	0	
		ALL * DATA PRESENT	0	0	751110	N70+ W150+ N70+ W140+

Password:

accNo	fleA	refNo	proj	inst	ship	startDate	cruise	catId
7601680	F022	TR0146	0081	3109	32HP	1975/10/26	W00021	300721
7601680	C022	329047	0081	3109	32HP	1975/10/26	TR0146	300722

(2 rows affected)

Password:

accNo	fleA	refNo	ship	staCnt	recCnt	startDate	endDate
-----	-----	-----	-----	-----	-----	-----	-----
7601680	F022	TR0146	32HP	23	633	75/10/26	75/11/10
7601680	C022	329047	32HP	23	26	75/10/26	75/11/10

(2 rows affected)