

DATA DOCUMENTATION FORM

8600371

NOAA FORM 24-13 (4-77)

U.S. DEPARTMENT OF COMMERCE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION NATIONAL OCEANOGRAPHIC DATA CENTER RECORDS SECTION WASHINGTON, DC 20235

FORM APPROVED O.M.B. No. 41-R2651 EXPIRES 1-81

A00354

(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.

318658-318670 C100

A. ORIGINATOR IDENTIFICATION 328610 C100

THIS SECTION MUST BE COMPLETED BY DONOR FOR ALL DATA TRANSMITTALS 323055 C100

1. NAME AND ADDRESS OF INSTITUTION, LABORATORY, OR ACTIVITY WITH WHICH SUBMITTED DATA ARE ASSOCIATED University of California, San Diego Scripps Institution of Oceanography Marine Life Research Group, A-030 La Jolla, CA 92093			
2. EXPEDITION, PROJECT, OR PROGRAM DURING WHICH DATA WERE COLLECTED 1983 California Cooperative Oceanic Fisheries Investigations (CalCOFI) Line 90		3. CRUISE NUMBER(S) USED BY ORIGINATOR TO IDENTIFY DATA IN THIS SHIPMENT 8301 8305 8309 8302-3 8306 8310 8303 8307 8311 8304 8308 8312	
4. PLATFORM NAME(S) David Starr Jordan Ellen B. Scripps New Horizon Townsend Cromwell Wecoma	5. PLATFORM TYPE(S) (E.G., SHIP, BUOY, ETC.) Ship	6. PLATFORM AND OPERATOR NATIONALITY(IES) PLATFORM OPERATOR Cromwell USA: NMFS/SWFC2 Jordan NMFS/SWFC1 Scripps SIO Horizon SIO Wecoma Oregon State	7. DATES FROM: MO/DAY/YR TO: MO/DAY/YR 1/23/83 3/6/83 5/3/83 11/17/83 3/18/83 11/6/83 12/6/83 12/8/83 4/6/83 4/7/83
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 marseden 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 type="checkbox"/> NO <input checked="" 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) Sarilee Anderson (619) 534-2057			

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	Deep-sea reversing thermometers	N/A	N/A
Salinity	none	Nansen bottles	Inductive salinometers	N/A
Oxygen	ml/l	" "	Winkler titration	"
Phosphate	µm/l	" "	Auto-analyzer	"
Silicate	"	" "	" "	"
Nitrite	"	" "	" "	"
Nitrate	"	" "	" "	"

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**

master card record 1 - 1 in col. 80
 master card record 2 - 2 in col. 80
 observed depth information - 3 in col. 80

2. GIVE BRIEF DESCRIPTION OF FILE ORGANIZATION

Tape contains 15 files

File 1 - EB8303	File 8 - EB8311
2 - EB8305	9 - JD8305
3 - EB8306	10 - JD8309
4 - EB8307	11 - JD8311
5 - EB8308	12 - NH8312
6 - EB8309	13 - TC8301
7 - EB8310	14 - TC8302-3
	15 - WE8304

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

4. RESPONSIBLE COMPUTER SPECIALIST:

NAME AND PHONE NUMBER _____
 ADDRESS _____

COMPLETE THIS SECTION IF DATA ARE ON MAGNETIC TAPE

<p>5. RECORDING MODE</p> <p><input type="checkbox"/> BCD <input type="checkbox"/> BINARY <input type="checkbox"/> ASCII <input checked="" 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 type="checkbox"/> SEVEN <input checked="" type="checkbox"/> NINE <input type="checkbox"/> _____</p>	<p>10. END OF FILE MARK <input checked="" type="checkbox"/> OCTAL 17 <input type="checkbox"/> _____</p>
<p>7. PARITY</p> <p><input checked="" type="checkbox"/> ODD <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>University of California, San Diego Scripps Institution of Oceanography Physical & Chemical Data Report SIO Ref. 86-3, 27 Feb., 1986</p>
<p>8. DENSITY</p> <p><input type="checkbox"/> 200 BPI <input checked="" type="checkbox"/> 1600 BPI <input type="checkbox"/> 556 BPI <input type="checkbox"/> 800 BPI <input type="checkbox"/> _____</p>	<p>12. PHYSICAL BLOCK LENGTH IN BYTES</p> <p style="text-align: right;">3200</p>
	<p>13. LENGTH OF BYTES IN BITS</p>

RECORD FORMAT DESCRIPTION

RECORD NAME _____

14. FIELD NAME	15. POSITION FROM-1 MEASURED IN <small>(i.e., bits, bytes)</small>	16. LENGTH		17. ATTRIBUTES	18. USE AND MEANING
		NUMBER	UNITS		
STANDARD NODC	SD2.FORMAT.	SEE ENCLOSURE FOR PARAMETERS WRITTEN ON TAPE.			

ACCESSION NO. 8600371

FILETYPE SDII

TRACK NO. *328611

PROJECT IDENTIFICATION _____

318658-318671

CALCOFI

STEP	DATE	INIT.	TAPE OR DISK DSN	NO. FILES	RECL	BLK SIZE	NO. RECORDS
ORIG. TAPE	<u>1/8/87</u>	<u>LOW</u>	<u>A00354</u>	<u>15</u>	<u>80</u>	<u>3200</u> <u>80</u>	<u>3273</u>
DUPLICATE TAPE	<u>1/11/87</u>		<u>W00052</u>	<u>15</u>	<u>80</u>	<u>3200</u>	<u>3273</u>
REFORMATTED TAPE			<u>DNODC * JOURNAL DETALOUT</u>	<u>1</u>	<u>112</u>	<u>224</u>	
REFORMATTED DISK		<u>RPS</u>	<u>↓</u>				
FIRST MULCHEK							
FINAL MULCHEK							
MPD75 OR F022							
DATA SET FINALIZED							

ERRORS REPORTED TO PRINCIPAL INVESTIGATOR:
N. ADD TO 13 FILE

DNODC * 8600371-01

FOLLOWING SHIP CODES
 NEED TO BE CORRECTED
NEW HORIZON
WECAMA

ADDITIONAL ERRORS/CORRECTIONS (NOT REPORTED TO P.I.)

COMMENTS (TRACKS DELETED, FIELDS DELETED, ETC.)

Publication - SIO Ref. 86-3

ACCESS NUMBER	REF NUMBER	FILE TYPE	PROJ CODE	INST	PLAT	CRUISE NO	CRUISE START	CRUISE END	NUM STA	NUM REC
8600371	318658	C100	0033	3101	31EB	EB8303	03/18/83	03/19/83	1	162
8600371	318659	C100	0033	3101	31EB	EB8305	05/12/83	05/13/83	1	139
8600371	318660	C100	0033	3101	31EB	EB8306	06/14/83	06/15/83	1	132
8600371	318661	C100	0033	3101	31EB	EB8307	07/16/83	07/17/83	1	52
8600371	318662	C100	0033	3101	31EB	EB8308	08/17/83	08/18/83	1	206
8600371	318663	C100	0033	3101	31EB	EB8309	09/13/83	09/14/83	1	207
8600371	318664	C100	0033	3101	31EB	EB8310	10/10/83	10/11/83	1	227
8600371	318665	C100	0033	3101	31EB	EB8311	11/05/83	11/06/83	1	228
8600371	318666	C100	0033	3101	31JD	JD8305	05/03/83	05/05/83	1	325
8600371	318667	C100	0033	3101	31JD	JD8309	09/24/83	09/26/83	1	277
8600371	318668	C100	0033	3101	31JD	JD8311	11/15/83	11/17/83	1	276
8600371	318669	C100	0033	3101	31TC	TC8301	01/23/83	01/27/83	1	245
8600371	318670	C100	0033	3101	31TC	TC8302-3	03/04/83	03/06/83	1	133
8600371	318671	C100	0033	3101	31WC	WE8304	04/06/83	04/07/83	1	199
8600371	* 328610	C100	0033	3101	32NM	NH8312	12/6/83	12/8/83	1	357

* ADD TO 12th FILE

***** Record 13554 in INVENTORY *****

015855

DATA ENTRY INFORMATION SYSTEM
(DATASET INVENTORY)

FJM

DATE OF ENTRY: 02/06/87

REFERENCE NUMBER: 328610

ACCESSION NUMBER: 8600371

FORMER REFERENCE NUMBER: _____

FORMER ACCESSION NUMBER: _____

(RESUB ONLY)

INVENTORY

MEDIA-IN: 01 - Digital Magnetic Tape DINDB CODE 09

EXCHANGE (FORMAT): E003 - Ocean Station Data (SD2-112 Byte)

PROCESSING (FORMAT): C100 - Ocean Station Data (SD2 Format)

* NOTE * If data is F022, create an additional record for C022.

INSTITUTE (COUNTRY AND INSTITUTE CODES): 3101

PLATFORM (COUNTRY AND PLATFORM CODES): 32NM

PLATFORM TYPE: 9 - Ship DINDB CODE 09

ORIGINATORS FILE ID: _____ ORIGINATORS CRUISE ID: NH8312

CRUISE START DATE: 12/06/83

CRUISE END DATE: 12/08/83

Press PgDn

PROJECT CODE: 0033

DATA USE CODE (DUC): 3

to continue

VOLUME - NUMBER OF STATIONS: 1 NUMBER OF RECORDS: 357

If STA/REC counts are not appropriate then enter -

NUMBER: _____ UNITS: _____

AVERAGE REC SIZE: 1.700 MBYTES: 0.606900

OCEAN AREA

CODE 1: 57D MEANING: Coastal Waters of California

CODE 2: _____ MEANING: _____

CODE 3: _____ MEANING: _____

DINDB TRACK TRANSACTION GENERATED: / /

INVENTORY

168283

DATA ENTRY INFORMATION SYSTEM
(DATASET INVENTORY)

FJM

OF ENTRY: 09/14/87

REFERENCE NUMBER: 323055

ACCESSION NUMBER: 8600371

FORMER REFERENCE NUMBER:

FORMER ACCESSION NUMBER:

(RESUB ONLY)

INVENTORY

MEDIA-IN: 01 - Digital Magnetic Tape DINDB CODE 09
EXCHANGE (FORMAT): E003 - Ocean Station Data (SD2-112 Byte)
PROCESSING (FORMAT): C100 - Ocean Station Data (SD2 Format)

* NOTE * If data is F022, create an additional record for C022.

INSTITUTE (COUNTRY AND INSTITUTE CODES): 3101
PLATFORM (COUNTRY AND PLATFORM CODES): 32WC
PLATFORM TYPE: 9 - Ship DINDB CODE 09

ORIGINATORS FILE ID: ORIGINATORS CRUISE ID: WE8304
CRUISE START DATE: 04/06/83 CRUISE END DATE: 04/07/83 Press PgDn
PROJECT CODE: DATA USE CODE (DUC): 3 to continue

F2ENTER F3VIEW F4EXIT F5FORM CLR F6FLD CLR F7DELETE F8MODIFY F9REPORT F10MULTI

INVENTORY

VOLUME - NUMBER OF STATIONS: 11 NUMBER OF RECORDS: 182

If STA/REC counts are not appropriate then enter -

NUMBER: UNITS:

AVERAGE REC SIZE: 112 MBYTES: 0.020384

OCEAN AREA

CODE 1: 57D MEANING: Coastal Waters of California
CODE 2: MEANING:
CODE 3: MEANING:

DINDB TRACK TRANSACTION GENERATED: 09/14/87

F2ENTER F3VIEW F4EXIT F5FORM CLR F6FLD CLR F7DELETE F8MODIFY F9REPORT F10MULTI

THE ENCLOSED DATA CONFORMS TO NODC SD2 FORMAT AS SPECIFIED
IN SECTION 4.1.1 OF THE NODC USERS GUIDE (MARCH 1984).
OMISSIONS AND EXCEPTIONS ARE DETAILED BELOW.

FILE STRUCTURE -

DATA IS IN FIXED LENGTH RECORDS. NO ATTEMPT WAS MADE TO PROVIDE
FOR THE VARIABLE-LENGTH RECORDS AND CONTINUATION INDICATORS SPECIFIED
IN THE GUIDE.

MASTER RECORD 1 -

(station)

CONTINUATION INDICATOR (1) -- SET TO 'D'. A SINGLE OBSERVATION
WILL CONTAIN ONLY THE FIRST TWO MASTER RECORDS.

NODC REF. NO. (3-13) -- LEFT BLANK.

10 DEG. SQUARE (18-21) -- LEFT BLANK.

1 DEG. SQUARE (22-23) -- LEFT BLANK.

2 DEG. SQUARE (24-25) -- LEFT BLANK.

5 DEG. SQUARE (26) -- LEFT BLANK.

QUARTER OF 1 DEG. SQUARE (40) -- LEFT BLANK.

DATA ORIGIN -

COUNTRY (50-51) -- SET TO '31'.

INSTITUTION (52-53) -- SET TO '01'.

EFFECTIVE DEPTH (61-64) -- LEFT BLANK.

CAST DURATION (65-67) -- NOT REPORTED.

CAST DIRECTION (68) -- NOT REPORTED.

MINIMUM DEPTH (71-74) -- LEFT BLANK.

MAXIMUM DEPTH (75-78) -- LEFT BLANK.

MASTER RECORD 2 -

DEPTH DIFFERENCE (1-4) -- LEFT BLANK.

SAMPLE INTERVAL (5-6) -- LEFT BLANK.

PERCENT OBSERVED (7-14) -- ALL PARAMETERS LEFT BLANK.

WEATHER (58-59) -- USED 1 DIGIT CODE 4501 IN COL. 59.

IF WEATHER IS REPORTED COL. 58 IS FILLED WITH AN 'X',

OTHERWISE BOTH COLUMNS ARE LEFT BLANK.

COUNT OF DEPTHS (62-69) -- OBSERVED, STANDARD AND DETAIL COUNT

OF DEPTHS WERE ALL LEFT BLANK.

NEXT RECORD INDICATOR (79) -- LEFT BLANK.

OBSERVED DEPTH DETAIL RECORDS -

SIGMA-T (22-25) -- NOT REPORTED.

SIGMA-T QUALITY (26) -- LEFT BLANK.

SOUND SPEED (27-31) -- NOT REPORTED.

SOUND SPEED PREC. (32) -- SET TO '9'.

DATA RANGE CHECK FLAGS (39-44) -- LEFT BLANK.

MESSENGER RELEASE TIME (45-47) -- NOT REPORTED.

TOTAL PHOSPHORUS (54-57) -- NOT REPORTED.

TOT. PHOS. PREC. (58) -- SET TO '9'.

PH (72-74) -- NOT REPORTED.

PH PREC. (75) -- SET TO '9'.

DENSITY INVERSION FLAG (78) -- LEFT BLANK.

7
8
9
NEXT RECORD INDICATOR (79) -- LEFT BLANK.

10
11
12
13
14
15
16
17
18
19
20
21
22
23
24
25
26
27
28
29
30
31
32
33
34
35
36
37
38
39
40
41
42
43
44
45
46
47
48
49
50
51
52
53
54
55
56
57
58
59
60
NOTE: AN '8' WAS USED AS THE QUALITY CODE FOR DEPTH, TEMPERATURE,
SALINITY, OR OXYGEN DATA WE THOUGHT WERE BAD.

SD File Description

- (a) Short Title—SD2CR/SD2GE
- (b) Full Title—Station Data Cruise File/Station Data Geographic File
- (c) Data Period—1893 to present
- (d) Depth Range—0 to 9,999 meters
- (e) Sorting Sequence—SD2CR: Country, NODC reference identity number, NODC consecutive number, continuation number.
SD2GE: Ocean area, Canadian 10-degree square, 1-degree square, month, year, country, NODC reference identity number, NODC consecutive number, continuation number.
- (f) Tape Label—Standard label
- (g) Record Length—4,164 bytes (maximum)
- (h) Record Type—Variable blocked
- (i) Blocking Factor—Not applicable
- (j) Blocked Length—5,300 bytes (maximum)
- (k) Density—1,600 BPI
- (l) Mode—EBCDIC
- (m) Tracks—9
- (n) Parity—Odd
- (o) Present Volume—504,000 stations, 24/32 reels
- (p) Expected Annual Growth Rate—35,000 stations

PARAMETERS
ON TAPE

SD Record Description

FILE NAME: STATION DATA II

RECORD NAME: MASTER INFORMATION

FIELD NAME	POSITION	LENGTH	UNIT	DATA TYPE	DESCRIPTION	DESCRIPTION
CONTIN	0	1	Byte	Char(1)	Non-zero ind. multi-rec. station	Continuation indicator
CNTRY	0	2	Byte	Char(2)	Alphanumeric box	Originator's nationality
CRUISE	0	5	Byte	Char(5)	Prefix 'S'	NODC reference number
CONSEC	0	10	Byte	Char(4)		NODC consecutive number
RECID	0	14	Byte	Char(2)	19 for Hansen Cast, 62 for STD	Record identification
AREACD	0	16	Byte	Char(2)	01-10, assigned by NODC	Ocean area
TENSQ	0	18	Byte	Char(4)	0-1735, starts at 20°E long.	Canadian 10-degree square
CNESQ	0	22	Byte	Char(2)	00-99, Canadian system	One-degree square
TY.SQ	0	24	Byte	Char(2)	0-85 by 2's, Canadian	Two-degree square
FIVESQ	0	26	Byte	Char(1)	1-4, Canadian	Five-degree square
LATHEN	0	22	Byte	Char(1)	N or S	Hemisphere of latitude
LATDEG	0	28	Byte	Char(2)	0-90	Degrees latitude
LATMIN	0	30	Byte	Char(2)	0-60, blank	Minutes latitude
LATMTH	0	32	Byte	Char(1)	0-9, blank	Minutes latitude, tenths
LONHEN	0	33	Byte	Char(1)	W or E	Hemisphere of longitude
LONDEG	0	34	Byte	Char(3)	0-180 if 180 long. min=D, or blank	Degrees longitude
LONMIN	0	37	Byte	Char(2)	0-60, blank	Minutes longitude
LONMTH	0	39	Byte	Char(1)	0-9, blank	Minutes longitude, tenths
QUAKTR	0	40	Byte	Char(1)	1, 2, 3, 4 or 9	Quarter-degree square
YEAR	0	41	Byte	Char(2)	00-present, blank	Year
MONTH	0	43	Byte	Char(2)	1-12	Month of year, GMT
DAY	0	45	Byte	Char(2)	1-31, blank	Day of month, GMT
STIME	0	47	Byte	Char(3)	Blank 000-99.9, blank	Station time, GMT hours
SHIP	0	50	Byte	Char(6)	Alphanumeric, left justified	Ship, to be unique numeric code
DNST	0	56	Byte	Char(5)	0-11,999 or blank	Depth to bottom, meters
DEPEFF	0	61	Byte	Char(4)	Depth of deepest sound velocity	Effective depth, meters
DURCST	0	65	Byte	Char(3)	From 3rd obs. record for STD data only	Cast duration, hours

* Indicates field is in Parameter Inventory
 @ Sort Field

SD Record Description—continued

FILE NAME: STATION DATA B

RECORD NAME: MASTER INFORMATION (continued)

FIELD NAME	LENGTH		UNIT		DATA TYPE	DESCRIPTION	REMARKS
	FROM	TO	FROM	TO			
TRACED	68	Byte			Char(1)	U, D, A, or blank	Trace direction
QUAL	69	Byte			Char(1)	0-9, blank at creation time	Quality indicator
SEC	70	Byte			Char(1)	1-5, blank	Data use code
DEPTH	71	Byte			Char(4)	1st obs. depth w/valid S, T, & S	
MAXDEPTH	75	Byte			Char(4)	Deepest valid obs. parameter	Maximum depth, meters
RECI	79	Byte			Char(1)	Always 2	Next record indicator
DIFF	80	Byte			Char(1)	Always 1	Record indicator
DEPTH	81	Byte			Char(4)	DEPTH-MAXDEPTH, minus or blank	Difference depth, meters
VERTSP	85	Byte			Char(2)	00-99, blank	Vertical sample spacing
SALPCT	87	Byte			Char(1)	0-9 or -	Percent salinity present
OXPCT	88	Byte			Char(1)	0-9 or -	Percent oxygen present
POAPCT	89	Byte			Char(1)	0-9 or -	Percent inorganic P ₀₄ present
TOTPCT	90	Byte			Char(1)	0-9 or -	Percent total phosphorous
STOPCT	91	Byte			Char(1)	0-9 or -	Percent silicates present
NIOPCT	92	Byte			Char(1)	0-9 or -	Percent nitrites present
NOOPCT	93	Byte			Char(1)	0-9 or -	Percent nitrates present
PHPCT	94	Byte			Char(1)	0-9 or -	Percent pH present
ORIGSTA	95	Byte			Char(3)	Alphanumeric	Originator's station
ORIGSTA	98	Byte			Char(9)	Alphanumeric, left justified	Originator's station
COLOR	107	Byte			Char(2)	00-21, blank	Water color, Ford-ule code
TRANSP	109	Byte			Char(2)	00-99, blank, Secchi disk	Water transparency, meters
NAVDIR	111	Byte			Char(2)	00-16, 49, 50-56, 99, blank	Wave direction, WMO Code 0585
HEIGHT	113	Byte			Char(2)	0-9, x, blank if SEA STATE pres.	Wave height, WMO Code 1555
SEASTA	114	Byte			Char(1)	blank if HEIGHT present	Sea state, WMO Code 3700
FORCE	115	Byte			Char(2)	Blank if SPEED present	Wind force, Beaufort Code
FILL2	117	Byte			Char(1)	Only used for updating file	Sorting control information
PERIOD	118	Byte			Char(1)	0-9, x, blank if sea state pres.	Wave period, WMO Code 3155
WINDIR	119	Byte			Char(2)	Tens of degrees or blank	Wind direction, WMO Code 377
SPEED	121	Byte			Char(2)	Blank if wind force present	Wind speed, knots
BAROM	123	Byte			Char(5)	09450-10449, blank	Barometric pressure, millibars
DRY	128	Byte			Char(4)	hex.a, hex.b or blank	Dry bulb temperature, Celsius
DRYIN	132	Byte			Char(1)	0, 1, or 9	Dry bulb indicator, precision
WET	133	Byte			Char(4)	hex.a, hex.b or blank	Wet bulb temperature, Celsius
WETIN	137	Byte			Char(1)	0, 1, or 9	Wet bulb indicator, precision
WEATHR	138	Byte			Char(2)	WMO Code 4501 is single digit	WMO Code 4501 or WMO Code 4677
TYPE	140	Byte			Char(1)	0-9, blank	Cloud type, WMO Code 0500
AMOUNT	141	Byte			Char(1)	0-9, blank	Cloud amount, WMO Code 7700
NUMOBS	142	Byte			Char(3)	000-999	Number of observed depths
NUMSTN	145	Byte			Char(2)	00-34	Number of standard depths
NUMDET	147	Byte			Char(3)	000-999	Number of detail depths
FILL3	150	Byte			Char(9)	Blank for word alignment	Not used
KXTRC2	159	Byte			Char(1)	1, 3, 4, 6, 7	Next record indicator
REC2	160	Byte			Char(1)	Always 2	Record indicator

*Indicates field is in Parameter Inventory

SD Record Description—continued

FILE NAME: STATION DATA II

RECORD NAME: OBSERVED DEPTH INFORMATION

FIELD NAME	LOCUS		UNIT		CHARACTERISTICS (TYPE, LENGTH, RANGE)	RANGE OR VALUES	DESCRIPTION
	START	END	TYPE	UNIT			
DEPOBS	1	byte			Char(3)	0000-12000	Depth, meters
DEPIN	6	byte			Char(1)	6, 7, 8 numeric cond. code or blank	Depth quality indicator
THERN	7	byte			Char(1)	T for thermometric depth blank	Thermometric depth
THPOBS	8	byte			Char(5)	-4.000 to 45.000	Temperature, Celsius
THOPAC	13	byte			Char(1)	1, 2, 3 or 9	Temperature, precision
THOPIN	14	byte			Char(1)	7, 8 or condition, blank	Temperature quality indicator
SALORS	15	byte			Char(5)	0.000 - 45.000	Salinity, parts/thousand
SALPR.	20	byte			Char(1)	1, 2, 3 or 9	Salinity precision
SALIN	21	byte			Char(1)	7, 8 or condition, blank	Salinity quality indicator
SIGWAT	22	byte			Char(4)	-4.00 to 45.00, blank	Sea water density, (G/L)
SIGIND	26	byte			Char(1)	8, 9 numeric cond. code or blank	Sigma-t quality indicator
SDVEL	27	byte			Char(5)	1500.0 - 1600.0	Sound velocity, meters/sec.
SDVPR.	32	byte			Char(1)	1 or 9	Sound velocity precision
OXYDAS	35	byte			Char(4)	00.00-14.00, blank	Oxygen, milliliters/liter
OXYPR	37	byte			Char(1)	1, 2 or 9	Oxygen precision
OXYIND	38	byte			Char(1)	8 or blank	Oxygen quality indicator
BLANKS	39	byte			Char(6)	blank for word alignment	Blank
HTIME	45	byte			Char(3)	00.0 to 99.9, blank	Release time of messenger hours
CASTIC	48	byte			Char(1)	0-9	Cast number
PHOSP	49	byte			Char(4)	xx.xx, blank or xx.xx	Inorganic phosphate
PHOSP2	53	byte			Char(1)	1, 2, 4, 5 or 9	Inorganic phosphate precision
TOTPH	54	byte			Char(4)	blank or xx.xx	Total phosphorus
TPH5IN	55	byte			Char(1)	1, 2, 4, 5, or 9	Total phosphorus precision
SIO3	59	byte			Char(4)	blank or xxx.b	Silicates
SIO3PR	63	byte			Char(1)	0, 1, 4, 5, or 9	Silicates precision
NO2	64	byte			Char(3)	blank or x.xx	Nitrites
NO2PR	67	byte			Char(1)	1, 2, 4, 5, or 9	Nitrites precision
NO3	68	byte			Char(3)	blank or xx.x	Nitrates
NO3PR	71	byte			Char(1)	0, 1, 4, 5, or 9	Nitrate precision
PH	72	byte			Char(3)	blank or x.xx	PH
PHPR	75	byte			Char(1)	1, 2, 4, 5, or 9	PH indicator
ORSTYC	76	byte			Char(3)	First 3 chemistry fields in units or microgram-atoms per liter	Status Report bits
	4	bit				From EDIT Program	
	5	bit				Phosphate GT 4.00	
	6	bit				Total Phosphorus LT Phosphate	
	7	bit				Silicate-Silicon GT 300.	
	8	bit				Nitrite-Nitrogen GT 4.00	
	9	bit				Nitrate-Nitrogen GT 45.0	
	10	bit				PH LT 7.40 or GT 8.50	
						Sigma-t decreases by more than 0.02	
NEXTDS	79	byte			Char(1)	1, 2, 4, 6 or 7	Next record type
ORSTYP	80	byte			Char(1)	5 or 8	Record type

Precision indicators contain either the number of digits right of the decimal point, or 9 for a blank field.

Wanted

125843

SUBMITTED
1/8/87

3

OPERATION TO BE USED AND FUNCTION TO BE PERFORMED

00371

Make W Tape & Scan
copy 15 files

INPUT MEDIUM PAPER CARD DISK <u>TAPE</u> DISKETTE OTHER(SPECIFY)	OUTPUT MEDIUM CARD DISK <u>PRINT</u> <u>TAPE</u> PLOT DISKETTE OTHER(SPECIFY)
--	---

TAPE/DISKETTE INFORMATION

TAPE #/ DISKETTE	SLOT #	TRK	DENSITY	PARITY	LABEL TYPE	RECORD TYPE	RECORD LENGTH	MAX. BLOCK SIZE	# OF FILE
<u>A00354</u>		9	1600	0	<u>WL</u>	FB	80	3200	15
SECTOR SIZE	EXCHANGE TYPE	CODE: ASCII <u>EBCDIC</u> BCD SDF OTHER(SPECIFY)			DATA SET NAME				PURGE DATE
TAPE #/ DISKETTE	SLOT #	TRK	DENSITY	PARITY	LABEL TYPE	RECORD TYPE	RECORD LENGTH	MAX. BLOCK SIZE	# OF FILE
SECTOR SIZE	EXCHANGE TYPE	CODE: ASCII EBCDIC BCD SDF OTHER(SPECIFY)			DATA SET NAME				PURGE DATE
<u>W00352</u>		9	1600	0	<u>SL</u>	FB	80	3200	15
SECTOR SIZE	EXCHANGE TYPE	CODE: <u>ASCII</u> EBCDIC BCD SDF OTHER(SPECIFY)			DATA SET NAME DNADC*8600371-01				PURGE DATE

SPECIAL INSTRUCTIONS

ESTIMATED
EXECUTION
TIME

31 USE ONLY

#	DATE JOB COMPLETED	START TIME	END TIME	PRIORITY	DEVICES USED, NUMBER OF TAPE MOUNTS, LINES PRINTED, DISKETTES USED, CARDS PUNCHED, CARDS KEYVERIFIED
87010962	01/09/87	1021	1031	C	COMPLETED BY FL

REMARKS

PROJECT NAME <i>Wanted</i>	PHONE # <i>673-5643</i>	ORG/TASK #	DATE SUBMITTED <i>1/8/87</i>	DATE DUE	BIN # <i>3</i>
-------------------------------	----------------------------	------------	---------------------------------	----------	-------------------

APPLICANT TO BE USED AND FUNCTION TO BE PERFORMED

SCAN

INPUT MEDIUM PAPER CARD DISK TAPE DISKETTE OTHER(SPECIFY)	OUTPUT MEDIUM CARD DISK PRINT TAPE PLOT DISKETTE OTHER(SPECIFY)
--	--

TAPE/DISKETTE INFORMATION

TAPE #/ DISKETTE	SLOT #	TRK	DENSITY	PARITY	LABEL TYPE	RECORD TYPE	RECORD LENGTH	MAX. BLOCK SIZE	# OF FILE
<i>A 00354</i>		<i>9</i>	<i>1600</i>	<i>0</i>	<i>NL</i>	<i>FB</i>	<i>480</i>		<i>15</i>
SECTOR SIZE	EXCHANGE TYPE	CODE: ASCII EBCDIC BCD SDF. OTHER(SPECIFY)			DATA SET NAME				PURGE DATE
TAPE #/ DISKETTE	SLOT #	TRK	DENSITY	PARITY	LABEL TYPE	RECORD TYPE	RECORD LENGTH	MAX. BLOCK SIZE	# OF FILE
SECTOR SIZE	EXCHANGE TYPE	CODE: ASCII EBCDIC BCD SDF OTHER(SPECIFY)			DATA SET NAME				PURGE DATE
TAPE #/ DISKETTE	SLOT #	TRK	DENSITY	PARITY	LABEL TYPE	RECORD TYPE	RECORD LENGTH	MAX. BLOCK SIZE	# OF FILE
SECTOR SIZE	EXCHANGE TYPE	CODE: ASCII EBCDIC BCD SDF OTHER(SPECIFY)			DATA SET NAME				PURGE DATE

SPECIAL INSTRUCTIONS	ESTIMATED EXECUTION TIME
----------------------	--------------------------

OPERATOR USE ONLY

DATE JOB COMPLETED	START TIME	END TIME	PRIORITY	DEVICES USED, NUMBER OF TAPE MOUNTS, LINES PRINTED, DISKETTES USED, CARDS PUNCHED, CARDS KEYVERIFIED
<i>1/25/87</i>	<i>1200</i>	<i>1215</i>	<i>C</i>	<i>COMPLETED BY: F.L.</i>

57010/5

SSSS AAA RRRR III L EEEEE EEEEE
S A A R R I L E E
S A A R R I L E E
SSS A A RRRR I L EEEE EEEE
S A A A R R I L E E
S A A R R I L E E
SSSS A A R R III LLLL EEEEE EEEEE

*1983
line out
Cal Opt*

(Mini Elvino)

CC	UL	UL	TTTTTTTTTT	LL	IIIIII	NN	NN	EEEEEEEEEE	SSSSSSSS
CC	UL	UL	TTTTTTTTTT	LL	IIIIII	NN	NN	EEEEEEEEEE	SSSSSSSS
CC	UL	UU	TT	LL	II	NN	NN	EE	SS
CC	UL	UU	TT	LL	II	NN	NN	EE	SS
CC	UL	UU	TT	LL	II	NNNN	NN	EE	SS
CC	UL	UU	TT	LL	II	NNNN	NN	EE	SS
CC	UL	UU	TT	LL	II	NN	NN	EEEEEEEE	SSSSSS
CC	UL	UU	TT	LL	II	NN	NN	EEEEEEEE	SSSSSS
CC	UL	UU	TT	LL	II	NN	NNNN	EE	SS
CC	UL	UU	TT	LL	II	NN	NNNN	EE	SS
CC	UL	UU	TT	LL	II	NN	NN	EE	SS
CC	UL	UU	TT	LL	II	NN	NN	EE	SS
CCCCDD	ULLUUUUUU	TT	LLLLLLLLLL	IIIIII	NN	NN	EEEEEEEEEE	SSSSSSSS	
CCCCDD	ULLUUUUUU	TT	LLLLLLLLLL	IIIIII	NN	NN	EEEEEEEEEE	SSSSSSSS	

CCCCDDDD	AAAAAA	TTTTTTTTTT	;;;;	11
CCCCDDDD	AAAAAA	TTTTTTTTTT	;;;;	11
DD	DD AA AA	TT	;;;;	1111
DD	DD AA AA	TT	;;;;	1111
DD	DD AA AA	TT		11
DD	DD AA AA	TT		11
DD	DD AA AA	TT	;;;;	11
DD	DD AA AA	TT	;;;;	11
DD	DD AAAAAAAAAA	TT	;;;;	11
DD	DD AAAAAAAAAA	TT	;;;;	11
	.... DD DD AA AA	TT	;;	11
	.... DD DD AA AA	TT	;;	11
	.... CCCCCDDD AA AA	TT	;;	111111
	.... CCCCCDDD AA AA	TT	;;	111111

File _DUA2:CREID_GROUP.SARILEE.SETHOUTLINES.DAT;1 (456,9,0), last revised on 3-NOV-1986 14:21, is a 50 block sequential file owned by UIC [MLRG,SARILEE]. The records are variable length with FORTRAN (FTN) carriage control. The longest record is 80 bytes.

Job OUTLINES (47) queued to SYS\$PRINT on 3-NOV-1986 14:29 by user SARILEE, UIC [MLRG,SARILEE], under account 0628 at priority 4, started on printer _LCA0: on 3-NOV-1986 14:29 from queue SYS\$PRINT.

THE NEXT TWENTY LINES ARE FROM: FILE 1

19		N33283W11747C	830318	33101EB	185						21	
	090028	253	24061008C	1531	1331X597						2	
0	1632	2	333653	9	5902	342	9	311	004	31	9	3
9	1601	2	333773	9	5942	332	9	311	004	21	9	3
29	1508	2	335293	9	5372	542	9	481	012	251	9	3
40	1473	2	336063	9	4992	682	9	671	004	471	9	3
53	1390	2	335783	9	4772	772	9	731	004	651	9	3
69	1277	2	336503	9	4142	1062	9	1151	004	1101	9	3
82	1191	2	337543	9	3702	1322	9	1581	004	1521	9	3
101	1141	2	338023	9	2552	1462	9	1841	004	1761	9	3
127	1078	2	340513	9	2432	1902	9	2671	004	2291	9	3
133	1052	2	341133	9	2222	2022	9	2961	004	2421	9	3

19		N33249W11753C	830318	293101EB	583						21	
	090030	273	28081007C	1471	1211X656						2	
1	1633	2	333893	9	5972	342	9	211	004	31	9	3
10	1633	2	334023	9	5942	352	9	211	004	21	9	3
20	1632	2	334153	9	9	9	9	9	9	9	9	4
28	1567	2	335053	9	5522	462	9	321	012	41	9	3
42	1493	2	336113	9	4952	662	9	591	022	431	9	3
51	1446	2	336663	9	4582	802	9	781	004	691	9	3

THE NEXT TWENTY LINES ARE FROM: FILE 2

19		N33280W117465	830512	63101EB	187						21	
	090028	301	2300610159	1901	1781X4 0						2	
0	1651	2	334783	9	5942	0332	9	351	012	021	9	3
11	1652	2	334693	9	6032	0342	9	461	092	011	9	3
20	1620	2	334703	9	9	9	9	9	9	9	9	4
30	1363	2	335383	9	4922	0782	9	911	262	591	9	3
39	1270	2	337033	9	3892	1102	9	1281	1221	1311	9	3
53	1162	2	337553	9	2032	1622	9	2021	0221	1861	9	3
67	1128	2	338533	9	2162	1552	9	2161	0621	1971	9	3
81	1098	2	339043	9	2862	1332	9	2341	0122	111	9	3
100	1066	2	340153	9	2862	1672	9	2431	0122	231	9	3
124	1019	2	340653	9	2752	1862	9	2701	0042	341	9	3
148	966	2	340673	9	2802	1782	9	2891	0042	441	9	3
150	963	2	340673	9	2802	9	9	9	9	9	9	4

19		N33239W117525	830512	373101EB	611						21	
	090030	301	3300610152	1691	1521X4 0						2	
0	1672	2	334233	9	5822	0272	9	251	012	011	9	3
10	1664	2	334223	9	6002	0292	9	261	022	011	9	3
23	1374	2	334723	9	5052	0432	9	491	012	011	9	3
37	9	334933	9	4562	0932	9	1271	0221	001	9	9	3

THE NEXT TWENTY LINES ARE FROM: FILE 3

19		N33280W11747C	830614	303101EB	185						21	
	090028	272	227051012C	1821	1671X473						2	
0	1932	2	334113	9	6062	0292	9	241	004	021	9	3
10	1771	2	334553	9	6102	0292	9	091	004	021	9	3
30	1349	2	334463	9	5542	0622	9	431	012	271	9	3
39	1278	2	333723	9	5252	0752	9	481	032	591	9	3
55	1269	2	335473	9	4252	1072	9	921	372	981	9	3
69	1262	2	335643	9	4102	1222	9	1071	4821	1091	9	3
84	1216	2	336413	9	3612	1352	9	1301	2121	1511	9	3
104	1158	2	337143	9	3442	1502	9	1601	0041	1761	9	3
128	1103	2	338263	9	3132	1682	9	2031	0122	2051	9	3
154	1058	2	339093	9	2942	1752	9	2251	0042	211	9	3

19 N33249W117534 830614 523101EB 612 21
C9003C 272 227031012C 1791 1691 2

1	1927	2	334713	9	5712	0282	9	014	004	031	9	3
10	1801	2	334723	9	5912	0507	9	004	004	041	9	3
29	1406	2	334803	9	5932	0532	9	321	004	041	9	3
39	1299	2	335273	9	4752	0932	9	581	112	781	9	3
47	1265	2	335563	9	4362	1082	9	741	052	1091	9	3
63	1196	2	336343	9	3942	1332	9	1241	004	1491	9	3

THE NEXT TWENTY LINES ARE FROM: FILE4

19 N33283W117477 830716 23101EB 185 21
C90028 241 220 41010C 2191 1851X183 2

1	2114	2	334453	9	5442	0302	9	011	042	21	9	3
10	1992	2	334133	9	5692	0272	9	041	022	04	9	3
29	1549	2	333173	9	6042	0352	9	061	012	04	9	3
38	1482	2	332973	9	6022	0402	9	141	032	04	9	3
53	1431	2	333333	9	5952	9	9	231	022	11	9	3
67	1359	2	334123	9	5242	0682	9	451	082	371	9	3
82	1287	2	334503	9	4782	0862	9	771	072	751	9	3
102	1222	2	334873	9	4482	1172	9	951	042	1021	9	3
126	1172	2	335533	9	4222	9	9	1181	032	1291	9	3
151	1098	2	337553	9	3452	1532	9	1761	032	1821	9	3

19 N33245W117532 830716 313101EB 602 21
C9003C 261 221 210101 1961 1701X287 2

0	2086	2	334413	9	5502	0342	9	121	022	21	9	3
10	1818	2	333613	9	5802	0352	9	141	022	11	9	3
30	1520	2	333013	9	6022	0382	9	121	012	11	9	3
40	1483	2	333313	9	5992	0422	9	181	022	11	9	3
48	1435	2	333763	9	5972	0542	9	171	022	11	9	3
63	1347	2	333983	9	5392	0632	9	361	072	321	9	3

THE NEXT TWENTY LINES ARE FROM: FILE5

19 N33283W117478 8308172053101EB 185 21
C90028 201 2140810122 2591 2321X183 2

1	2409	2	333933	9	5322	202	9	101	012	11	9	3
10	2022	2	333553	9	5872	192	9	061	022	11	9	3
31	1618	2	333213	9	6072	272	9	271	022	11	9	3
39	1538	2	333323	9	5972	312	9	251	022	11	9	3
54	1494	2	333473	9	5752	392	9	291	032	21	9	3
69	1428	2	333813	9	5402	492	9	421	122	121	9	3
83	1369	2	334673	9	5002	592	9	501	142	381	9	3
103	1314	2	334733	9	4642	772	9	701	042	691	9	3
127	1236	2	335663	9	4092	992	9	1011	022	1161	9	3
151	1183	2	336423	9	3782	1222	9	1271	022	1401	9	3

19 N33248W117533 8308172293101EB 633 21
C9003C 192 2171310121 2431 2241X166 2

0	2354	2	334893	9	5132	232	9	201	022	31	9	3
10	2169	2	334593	9	5382	272	9	231	022	31	9	3
29	1704	2	333413	9	5932	262	9	131	022	21	9	3
39	1632	2	333403	9	5982	272	9	121	012	21	9	3
49	1542	2	333053	9	5952	272	9	004	012	21	9	3
64	1480	2	333183	9	5942	312	9	081	004	21	9	3

THE NEXT TWENTY LINES ARE FROM: FILE6

19 N33277W117474 830913 283101EB 230 21
C90028 131 130610102 2321 2261X0 2

0	2344	2	334723	9	5102	0222	9	0002100040031	9	3
---	------	---	--------	---	------	------	---	---------------	---	---

10	1997	2	333723	9	5702	0272	90002100040031	9	3
29	1595	2	333193	9	5912	0402	90002100040031	9	3
39	1547	2	333273	9	5822	0442	90006100040051	9	3
53	1511	2	333073	9	5672	0652	90015100320151	9	3
68	1386	2	333963	9	5232	0642	90022100220351	9	3
81	1348	2	334173	9	5072	0682	90033100220491	9	3
100	1332	2	334293	9	4932	0742	90049100220621	9	3
124	1246	2	335113	9	4472	1002	90071100321071	9	3
149	1212	2	335623	9	4182	1102	90093100321331	9	3
150	1211	2	335623	9	9	9	9 9 9 9	9	4
19 N33255W117540 830913 513101E8 633 21									
090030 140710110 2221 2181X0 2									
1	2329	2	334913	9	5192	0302	90013100040004	9	3
10	2182	2	334353	9	5502	0292	90000400040004	9	3
28	1808	2	333613	9	6052	0312	90003100040004	9	3
37	1702	2	333433	9	6092	0352	90002100040004	9	3
47	1603	2	333213	9	6052	0362	90000400040004	9	3
THE NEXT TWENTY LINES ARE FROM: FILE 7									
19 N33287W117480 8310102343101E8 185 21									
090028 301 3301010155 2091 1951X0 2									
1	2157	2	334453	9	5542	0192	90016100120004	9	3
10	2115	2	334383	9	5572	0192	90015100040004	9	3
30	1701	2	332743	9	6312	0252	90015100120004	9	3
41	1598	2	332713	9	6302	0272	90019100220011	9	3
54	1510	2	333123	9	6242	0312	90018100040004	9	3
70	1457	2	333343	9	5992	0362	90018100040011	9	3
84	1378	2	333763	9	5572	0512	90034100120221	9	3
103	1352	2	334203	9	5402	0602	90056100120411	9	3
128	1253	2	334663	9	4912	0812	90066100120841	9	3
151	1138	2	335763	9	4292	1132	90130100121451	9	3
19 N33246W117535 831011 203101E8 633 21									
090030 262 3051110149 2081 1941X4 2									
0	2144	2	334763	9	9	0192	90025100120004	9	3
10	2140	2	334603	9	5352	0192	90024100040004	9	3
30	1791	2	333413	9	6112	0202	90023100040004	9	3
39	1605	2	333193	9	6092	0202	90023100040004	9	3
49	1531	2	332883	9	5972	0272	90022100040004	9	3
63	1443	2	333283	9	5732	0362	90022100120031	9	3
THE NEXT TWENTY LINES ARE FROM: FILE 8									
19 N33276W117474 831105 43101E8 296 21									
090028 291 3000010131 2141 1991X171 2									
0	2144	2	334133	9	5512	0222	9 010100040004	9	3
10	2054	2	333993	9	5552	0212	9 010100040021	9	3
30	1683	2	333003	9	6042	0332	9 012100040021	9	3
40	1568	2	332943	9	5752	0552	9 025101720041	9	3
55	1496	2	333363	9	5612	0462	9 033100040091	9	3
68	1453	2	333743	9	5382	0502	9 033100040221	9	3
84	1417	2	333853	9	5242	0502	9 037100040291	9	3
103	1319	2	334053	9	4992	0702	9 061100040581	9	3
126	1228	2	334863	9	4532	0842	9 094100041071	9	3
149	1149	2	335373	9	3822	1292	9 143100221641	9	3
150	1146	2	336433	9	9	9	9 9 9 9	9	4
19 N33253W117536 831105 303101E8 611 21									
090030 291 3000010140 1991 1931X173 2									
0	2026	2	334863	9	5402	0252	9 016100040004	9	3

1	10	1999	2	334863	9	5442	0242	9	02C100040004	9	3
2	29	1935	2	334703	9	5512	0252	9	018100040004	9	3
3	39	1774	2	333613	9	5802	0332	9	02E100040004	9	3
4	49	1595	2	332953	9	5992	0322	9	030100040004	9	3

THE NEXT TWENTY LINES ARE FROM: FILE9

7	62	N33291W117461 830503 433101JC						21			
8		C90028						2			
9	0	1699	2	333033	9	9	9	9	9	9	3
10	10	1697	2	333093	9	9	9	9	9	9	3
11	20	1619	2	333623	9	9	9	9	9	9	3
12	30	1424	2	334533	9	9	9	9	9	9	3
13	40	1318	2	334143	9	9	9	9	9	9	3
14	50	1293	2	334633	9	9	9	9	9	9	3

16	62	N33251W117543 8305031413101JC						21			
17		C90030						2			
18	0	1687	2	334293	9	9	9	9	9	9	3
19	10	1688	2	334313	9	9	9	9	9	9	3
20	20	1597	2	334963	9	9	9	9	9	9	3
21	30	1368	2	335613	9	9	9	9	9	9	3
22	40	1298	2	335993	9	9	9	9	9	9	3
23	50	1258	2	336903	9	9	9	9	9	9	3
24	75	1153	2	338203	9	9	9	9	9	9	3
25	100	1096	2	338543	9	9	9	9	9	9	3
26	125	1067	2	339293	9	9	9	9	9	9	3
27	150	1000	2	339563	9	9	9	9	9	9	3

THE NEXT TWENTY LINES ARE FROM: FILE10

30	62	N33291W117461 8309241493101JC						21			
31		C90028						2			
32	0	2039	2	333523	9	9	9	9	9	9	3
33	10	2009	2	333403	9	9	9	9	9	9	3
34	20	1905	2	333023	9	9	9	9	9	9	3
35	30	1736	2	333053	9	9	9	9	9	9	3
36	40	1636	2	333063	9	9	9	9	9	9	3
37	50	1591	2	333183	9	9	9	9	9	9	3
38	75	1456	2	333283	9	9	9	9	9	9	3
39	100	1380	2	334013	9	9	9	9	9	9	3
40	125	1330	2	334303	9	9	9	9	9	9	3
41	150	1240	2	334973	9	9	9	9	9	9	3
42	175	1143	2	336423	9	9	9	9	9	9	3
43	200	1103	2	337893	9	9	9	9	9	9	3
44	250	950	2	340373	9	9	9	9	9	9	3
45	300	850	2	341343	9	9	9	9	9	9	3

47	62	N33251W117543 8309241633101JC						21			
48		C90030						2			
49	0	2241	2	333963	9	9	9	9	9	9	3
50	10	2239	2	333903	9	9	9	9	9	9	3

THE NEXT TWENTY LINES ARE FROM: FILE11

53	62	N33291W117463 8311151423101JC						21			
54		C90028						2			
55	0	1946	2	332033	9	9	9	9	9	9	3
56	10	1922	2	334043	9	9	9	9	9	9	3
57	20	1788	2	333623	9	9	9	9	9	9	3
58	30	1674	2	333373	9	9	9	9	9	9	3
59	40	1562	2	333093	9	9	9	9	9	9	3
60	50	1493	2	333253	9	9	9	9	9	9	3

1	62		N33291W117461	8303041963101TC	63	21
2		C90028	282	428 810075 1601 1321X113		2
3	0	1592 2	326363	9 9	9 9 9 9 9 9	3
4	10	1600 2	334293	9 9	9 9 9 9 9 9	3
5	20	1594 2	335223	9 9	9 9 9 9 9 9	3
6	30	1594 2	335263	9 9	9 9 9 9 9 9	3
7	40	1594 2	335273	9 9	9 9 9 9 9 9	3
8	50	1592 2	335263	9 9	9 9 9 9 9 9	3
9	70	1583 2	335203	9 9	9 9 9 9 9 9	3

11	62		N33251W117543	8303042233101TC	600	21
12		C90030	282	4301010081 1601 1301X182		2
13	0	1595 2	335043	9 9	9 9 9 9 9 9	3
14	10	1590 2	335123	9 9	9 9 9 9 9 9	3
15	20	1585 2	335173	9 9	9 9 9 9 9 9	3
16	30	1586 2	335313	9 9	9 9 9 9 9 9	3
17	40	1587 2	335413	9 9	9 9 9 9 9 9	3
18	50	1576 2	335683	9 9	9 9 9 9 9 9	3
19	75	1440 2	336063	9 9	9 9 9 9 9 9	3
20	100	1320 2	336483	9 9	9 9 9 9 9 9	3
21	125	1258 2	338823	9 9	9 9 9 9 9 9	3

THE NEXT TWENTY LINES ARE FROM: FILE15

24	19		N33285W117467	8304071563101WE	158	21
25		C90028	302	10150 1501 1091X000		2
26	1	1484 2	334963	9 6112	0492 9 36100220071	9 3
27	5	1484 2	334983	9 6092	0502 9 36100040061	9 3
28	10	1484 2	335013	9 6092	0542 9 34100040061	9 3
29	30	1301 2	337033	9 3832	1152 9 136100321201	9 3
30	50	1200 2	338253	9 3212	1462 9 194100521671	9 3
31	65	1136 2	338913	9 2962	1592 9 221100121921	9 3
32	80	1112 2	339243	9 2852	1722 9 238100122031	9 3
33	100	1068 2	340273	9 2452	1882 9 277100222251	9 3
34	104	1062 2	340323	9 2452	1892 9 280100222291	9 3
35	149	991 2	341463	9 2122	2102 9 337100042531	9 3
36	150	989 2	341473	9 9	9 9 9 9 9 9	4

38	19		N33250W117535	8304071413101WE	627	21
39		C90030	312	10149 1501 1221X000		2
40	1	1582 2	334753	9 5972	0292 9 24100040004	9 3
41	10	1584 2	334753	9 5982	0302 9 24100040004	9 3
42	30	1394 2	336483	9 4142	0972 9 99100220951	9 3
43	50	1231 2	337843	9 3332	1402 9 170100221561	9 3
44	65	1152 2	338763	9 3102	1582 9 208100121851	9 3

Password:

accNo	fleA	refNo	proj	inst	ship	startDate	cruise	catId
8600371	C100	318658	0033	3101	31EB	1983/03/18	8303	166318
8600371	C100	318659	0033	3101	31EB	1983/05/12	8305	166319
8600371	C100	318660	0033	3101	31EB	1983/06/14	8306	166320
8600371	C100	318661	0033	3101	31EB	1983/07/16	8307	166321
8600371	C100	318662	0033	3101	31EB	1983/08/17	8308	166322
8600371	C100	318663	0033	3101	31EB	1983/09/13	8309	166323
8600371	C100	318664	0033	3101	31EB	1983/10/10	8310	166324
8600371	C100	318665	0033	3101	31EB	1983/11/05	8311	166325
8600371	C100	318666	0033	3101	31JD	1983/05/03	8305	166326
8600371	C100	318667	0033	3101	31JD	1983/09/24	8309	166327
8600371	C100	318668	0033	3101	31JD	1983/11/15	8311	166328
8600371	C100	318669	0033	3101	31TC	1983/01/23	8301	166329
8600371	C100	318670	0033	3101	31TC	1983/03/04	8302-03	166330
8600371	C100	328610	0033	3101	32NM	1983/12/06	8312	166332
8600371	C100	323055	9999	3101	32WC	1983/04/06	WE8304	166331

(15 rows affected)

Password:

accNo	fleA	refNo	ship	staCnt	recCnt	startDate	endDate
8600371	C100	318658	31EB	8	8	83/03/18	83/03/19
8600371	C100	318659	31EB	7	7	83/05/12	83/05/12
8600371	C100	318660	31EB	7	7	83/06/14	83/06/15
8600371	C100	318661	31EB	3	3	83/07/16	83/07/16
8600371	C100	318662	31EB	10	NULL	83/08/17	83/08/19
8600371	C100	318663	31EB	10	1	83/09/13	83/09/14
8600371	C100	318664	31EB	12	12	83/10/10	83/10/12
8600371	C100	318665	31EB	12	12	83/11/05	83/11/06
8600371	C100	318666	31JD	12	15	83/05/03	83/05/07
8600371	C100	318667	31JD	10	NULL	83/09/24	83/09/27
8600371	C100	318668	31JD	12	13	83/11/15	83/11/17
8600371	C100	318669	31TC	11	1	83/01/23	83/01/27
8600371	C100	318670	31TC	7	7	83/03/04	83/03/06
8600371	C100	328610	32NM	17	17	83/12/06	83/12/08
8600371	C100	323055	32WC	11	11	83/04/06	83/04/07

(15 rows affected)