

@
:PR,CTDED
CTDED VERSION 790214 HERE
WHO ARE YOU? KROLL
DATE (YR,MO,DA)? 79,4,9
LIST DEVICE? 1

OP. MODE? NO
NAME OF WORK FILE? W2?02

INPUT TAPE:
HANDLER NO? 0
TAPE ID 2951 PROJ. CODE = 1071 DATE 79/ 2/24 SOURCE AQ
TAPE FORMAT 1
SINGLE FILE TAPE? Y

OUTPUT TAPE:
HANDLER NO? 1
OUTPUT TAPE LENGTH? 1200
LOST SCANS COUNTER? N
W.S. INPUT DEVICE? 1
ERROR IDENTIFICATION? Y
CTDED, VERSION 05 ERROR LIST

OPERATOR KROLL DATE 79/ 4/ 9 OP. MODE NO
INPUT 2951 OUTPUT SSS PROJECT 1071
ERROR IDENTIFICATION = T
ERROR CORRECTION = F

EDIT PARAMETERS ON DISK? Y
FILE NAME? W2?02
W.S. SCALE FACTOR RECORD ON DISK? NO
DO YOU WANT TO CREATE IT? Y
NO. OF VARIABLES? 11
VARIABLE NO. 1

NAME? 10F
IE 025011

@
:PR,CTDED
BAD CONTROL STATE.
RE-ENTER STATEMENT ON TTY.

:PR,CTDED
CTDED VERSION 790214 HERE
WHO ARE YOU? KROLL
DATE (YR,MO,DA)? 79,4,9
LIST DEVICE? 1

OP. MODE? NO
NAME OF WORK FILE? W2?02

INPUT TAPE:
HANDLER NO? 0
TAPE ID 2951 PROJ. CODE = 1071 DATE 79/ 2/24 SOURCE AQ
TAPE FORMAT 1
SINGLE FILE TAPE? Y

OUTPUT TAPE:
HANDLER NO? 1
1200 OUTPUT TAPE LENGTH?
LOST SCANS COUNTER? N
W.S. INPUT DEVICE? 1
ERROR IDENTIFICATION? Y

79 04 09

CTDED

CREATE WS SFR

W2?02

OPERATOR KROLL DATE 79/ 4/ 9 OP. MODE NO
 INPUT 2951 OUTPUT / PROJECT 978

*
 0
 IGNORED

ERROR IDENTIFICATION = T
 ERROR CORRECTION = F

EDIT PARAMETERS ON DISK? Y
 FILE NAME? W2?02
 W.S. SCALE FACTOR RECORD ON DISK? N
 DO YOU WANT TO CREATE IT? N
 -360 INCHES LEFT ON OUTPUT TAPE
 NEW TAPE ID? XX
 TAPE LENGTH? 1200

OUTPUT TAPE:
 HANDLER NO? 1

*
 0
 IGNORED

OUTPUT TAPE LENGTH? 1200
 FIRST STATION NUMBER? 3
 SHIP WL CRUISE 907 STATION 3 DATA VERSION 000000
 START 12 30.00 S 62 30.00 E AT 258 79/ 4/ 6
 THIS STATION? Y
 SHIP WL CRUISE 907 STATION 3 DATA VERSION 000000
 START 12 30.00 S 62 30.00 E AT 258 79/ 4/ 6
 END 0 .00 N 0 .00 E AT 0
 WIND = 0 DEPTH = 0 POS. = DR STA. TYPE = DU
 W/SCN = 8 SRATE = 2428 FREQ. = 6000 INST. NO. = 7
 EDIT DATE 79/ 4/ 9 QUAL. = 0 WAT. SAM. = 0
 PMIN = 0 PMAX = 0
 START POS:
 LAT (DEG,MIN*100)? ,
 LON (DEG,MIN*100)? ,
 END POS:
 LAT (DEG,MIN*100)? ,
 LON (DEG,MIN*100)? ,
 END GMT? ,
 POS. METH? ,
 WIND SPEED? ,
 CORR. DEPTH (METERS)? ,
 DATA QUALITY? ,
 PRESSURE LIMITS? ,

*** EDIT STATION HEADER ***

SHIP WL CRUISE 907 STATION 3 DATA VERSION 000000
 START 12 .30 S 62 .30 E AT 258 79/ 4/ 6
 END 0 .30 N 0 .30 E AT 0
 WIND = 0 DEPTH = 0 POS. = , STA. TYPE = DU
 W/SCN = 8 SRATE = 2428 FREQ. = 6000 INST. NO. = 7
 EDIT DATE 79/ 4/ 9 QUAL. = 0 WAT. SAM. = 0
 PMIN = 0 PMAX = 0
 INPUT CHANGES:

GO
 COMMENTS?

*** EDIT CTD SCALE FACTOR RECORD ***

ID	NAME	UNITS	SENSOR	CAL	DATE	LAG	QUAL	ECRIT
1	PR	PRESSURE	DBARS	0	78/ 8/ 9	15	0	0
2	TE	TEMP	DEG C	0	79/ 2/14	3	0	0
3	CU	COND	MILLIMHOS	202	79/ 2/14	3	0	0
4	SW	SIGN WD	NONE	0	0/ 0/ 0	3	0	0
5	UC	OXY CUR	MICROAMPS	0	0/ 0/ 0	156	0	0
6	OT	OXY T	DEG C	0	0/ 0/ 0	156	0	0
7	FR	THERMSTR	DEG C	260	78/ 8/10	3	0	0
8	QU	QUALITY	BITS	0	0/ 0/ 0	1	0	0

ID	SB	WORD	SB MASK	LSB	WORD	LSB MASK	DIGR	DMASK	NBITS
PR		4	000001	0	000000		1	177777	17
TE		4	000002	0	000000		1	177777	17
CU		0	000000	0	000000		1	177777	16
SW		0	000000	0	000000		1	000377	-8
UC		0	000000	0	000000		32	007777	12
OT		4	000004	0	000000		32	000377	9
FR		0	000000	0	000000		1	177777	16
QU		0	000000	0	000000		0	177777	0

ID	ATTR. 1	SLOPE	ENG. BIAS	T.CONST.	ATTR. 2
PR	.000000E+00	1.000000E-01	-.300000E+00	.000000E+00	.000000E+00
TE	.000000E+00	.499913E-03	.120000E-01	.180000E+00	.000000E+00
CU	.000000E+00	.998790E-03	.000000E+00	.000000E+00	.150000E-07
SW	.000000E+00	.100000E+01	.000000E+00	.000000E+00	.300000E+04
UC	.000000E+00	.143000E-02	.000000E+00	.000000E+00	.150000E-03
OT	.000000E+00	1.000000E-01	.000000E+00	.000000E+00	.000000E+00
FR	.000000E+00	.500000E-03	.000000E+00	.500000E-01	.000000E+00
QU	.000000E+00	.100000E+01	.000000E+00	.000000E+00	.000000E+00

INPUT CHANGES:

GO
CREATE W.S.S.F. REC.
NO. CTD VAR. TO USE? 6
NO. VAR. TO ADD? 6
VARIABLE NO. 7
NAME? SALINITY
UNITS? PPT
ID? SA
TIME CONSTANT? 0
SLOPE? .001E3
BIAS? 0
VARIABLE NO. 8
NAME? OXYGEN
UNITS?

ML/L
ID? OX
TIME CONSTANT? 0
SLOPE? .01E2
BIAS? 0
VARIABLE NO. 9
NAME? SILICATE
UNITS? MGATM/L
ID? SI
TIME CONSTANT? 0
SLOPE? .01E2
BIAS? 0
VARIABLE NO. 10
NAME? NITRATE
UNITS? MGATM#####
MATM/L
ID? NI
TIME CONSTANT? 0
SLOPE? .1
BIAS? 0

VARIABLE NO? 11
 NAME? PHOSPHATE
 UNITS? MGATM/L
 ID? PH
 TIME CONSTANT? 0
 SLOPE? .001
 BIAS? 0
 VARIABLE NO. 12
 NAME? QUALITY
 UNITS? NONE
 ID? QU
 TIME CONSTANT? 0
 SLOPE? 1
 BIAS? 0

*** EDIT W.S. SCALE FACTOR RECORD ***

ID	NAME	UNITS	SENSOR	CAL DATE	LAG	QUAL	ECRIT
1	PR	PRESSURE DBARS	0	78/ 8/ 9	15	0	0
2	TE	TEMP	0	79/ 2/14	3	0	0
3	CO	COND	MILLIMHOS 202	79/ 2/14	3	0	0
4	SW	SIGN WD	NONE	0/ 0/ 0	3	0	0
5	OC	OXY CUR	MICROAMPS	0/ 0/ 0	156	0	0
6	OT	OXY T	DEG C	0/ 0/ 0	156	0	0
7	SA	SALINITY PPT	0	99/12/31	0	0	0
8	OX	OXYGEN	ML/L	99/12/31	0	0	0
9	SI	SILICATE	MGATM/L	99/12/31	0	0	0
10	NI	NITRATE	MATM/L	99/12/31	0	0	0
11	PH	PHOSPHAT	MGATM/L	99/12/31	0	0	0
12	QU	QUALITY	NONE	99/12/31	0	0	0

ID	SB WORD	SB MASK	LSB WORD	LSB MASK	DIGR	DMASK	NBITS
PR	4	000001	0	000000	1	177777	17
TE	4	000002	0	000000	1	177777	17
CO	0	000000	0	000000	1	177777	16
SW	0	000000	0	000000	1	000377	-8
OC	0	000000	0	000000	32	007777	12
OT	4	000004	0	000000	32	000377	9
SA	0	000000	0	000000	1	000000	16
OX	0	000000	0	000000	1	000000	16
SI	0	000000	0	000000	1	000000	16
NI	0	000000	0	000000	1	000000	16
PH	0	000000	0	000000	1	000000	16
QU	0	000000	0	000000	1	000000	16

ID	ATTR. 1	SLOPE	ENG. BIAS	T.CONST.	ATTR. 2
PR	.000000E+00	1.000000E-01	-.300000E+00	.000000E+00	.000000E+00
TE	.000000E+00	.499913E-03	.120000E-01	.180000E+00	.000000E+00
CO	.000000E+00	.998790E-03	.000000E+00	.000000E+00	.150000E-07
SW	.000000E+00	.100000E+01	.000000E+00	.000000E+00	.300000E+04
OC	.000000E+00	.143000E-02	.000000E+00	.000000E+00	.150000E-03
OT	.000000E+00	1.000000E-01	.000000E+00	.000000E+00	.000000E+00
SA	.000000E+00	.100000E+01	.000000E+00	.000000E+00	.000000E+00
OX	.000000E+00	.100000E+01	.000000E+00	.000000E+00	.000000E+00
SI	.000000E+00	.100000E+01	.000000E+00	.000000E+00	.000000E+00
NI	.000000E+00	1.000000E-01	.000000E+00	.000000E+00	.000000E+00
PH	.000000E+00	1.000000E-03	.000000E+00	.000000E+00	.000000E+00
QU	.000000E+00	.100000E+01	.000000E+00	.000000E+00	.000000E+00

INPUT CHANGES:

SL,SA,.001
 SL,OX,.01
 SL,SI,.1
 EN

ID	NAME	UNITS	SENSOR	CAL DATE	LAG	QUAL	ECRIT
1	PR	PRESSURE DBARS	0	78/ 8/ 9	15	0	0

ID	SB	WORD	SB MASK	LSB	WORD	LSB MASK	DIGR	DMASK	NBITS
2	TE	TEMP	DEG C	0	79/ 2/14	3	0	0	0
3	CO	COND	MILLIMHOS	202	79/ 2/14	3	0	0	0
4	SW	SIGN WD	NONE	0	0/ 0/ 0	3	0	0	0
5	OC	OXY CUR	MICROAMPS	0	0/ 0/ 0	156	0	0	0
6	OT	OXY T	DEG C	0	0/ 0/ 0	156	0	0	0
7	SA	SALINITY	PPT	0	99/12/31	0	0	0	0
8	OX	OXYGEN	ML/L	0	99/12/31	0	0	0	0
9	SI	SILICATE	MGATM/L	0	99/12/31	0	0	0	0
10	NI	NITRATE	MATM/L	0	99/12/31	0	0	0	0
11	PH	PHOSPHAT	MGATM/L	0	99/12/31	0	0	0	0
12	QU	QUALITY	NONE	0	99/12/31	0	0	0	0

ID	SB	WORD	SB MASK	LSB	WORD	LSB MASK	DIGR	DMASK	NBITS
PR	4	000001	0	000000	1	177777	17		
TE	4	000002	0	000000	1	177777	17		
CO	0	000000	0	000000	1	177777	16		
SW	0	000000	0	000000	1	000377	8		
OC	0	000000	0	000000	32	007777	12		
OT	4	000004	0	000000	32	000377	9		
SA	0	000000	0	000000	1	000000	16		
OX	0	000000	0	000000	1	000000	16		
SI	0	000000	0	000000	1	000000	16		
NI	0	000000	0	000000	1	000000	16		
PH	0	000000	0	000000	1	000000	16		
QU	0	000000	0	000000	1	000000	16		

ID	ATTR. 1	SLOPE	ENG. BIAS	T.CONST.	ATTR. 2
PR	.000000E+00	1.000000E-01	-.300000E+00	.000000E+00	.000000E+00
TE	.000000E+00	.499913E-03	.120000E-01	.180000E+00	.000000E+00
CO	.000000E+00	.998790E-03	.000000E+00	.000000E+00	.150000E-07
SW	.000000E+00	.100000E+01	.000000E+00	.000000E+00	.300000E+04
OC	.000000E+00	.143000E-02	.000000E+00	.000000E+00	.150000E-03
OT	.000000E+00	1.000000E-01	.000000E+00	.000000E+00	.000000E+00
SA	.000000E+00	1.000000E-03	.000000E+00	.000000E+00	.000000E+00
OX	.000000E+00	1.000000E-02	.000000E+00	.000000E+00	.000000E+00
SI	.000000E+00	1.000000E-01	.000000E+00	.000000E+00	.000000E+00
NI	.000000E+00	1.000000E-01	.000000E+00	.000000E+00	.000000E+00
PH	.000000E+00	1.000000E-03	.000000E+00	.000000E+00	.000000E+00
QU	.000000E+00	.100000E+01	.000000E+00	.000000E+00	.000000E+00

INPUT CHANGES:

GO

*** CREATE WATER SAMPLE DATA RECORD ***

INPUT W.S. DATA FOR SHIP WL CRUISE 907 STATION 3

INPUT DATA FOR 25 SCANS, 6 VARIABLES PER SCAN

SCAN 1 PR = 6? :OF

IE 025011

@

U#

UD,*#

:UD,*#0

@

FLI,U,1

NAME	TYPE	SCIRS	DISC	ORG	PROG	LIMITS	R	ENTRY	LIBR.	PB
------	------	-------	------	-----	------	--------	---	-------	-------	----

SUBCHAN=0

RRDWT RB 00003 T046 000

FDCU UM 00052 T046 007 16047 32425 00566 04458 16047 32425

W2701 BD 00066 T047 007

W2702 BD 00082 T053 009

@

TPU,W2701,W2702

W2701

W2702

@

DD,U,W2702

UD,WSDAT,1

W2702

CTDWS

000000

PR,CTDWS

CTDWS FEB 79

PLOT FACT,PLOTLU,LISTLU,TAPELU

1E 025651

BAD CONTROL STATE.

RE-ENTER STATEMENT ON TTY.

PR,CTDWS

CTDWS FEB 79

PLOT FACT,PLOTLU,LISTLU,TAPELU

1,7

#

21

W.S. DATA DISK FILE NAME?

W2702

CTDWS WL907

85 4

WS FILE W2702

#

22

#

13,0

WS OFR.

0- 0- 0 DATE: 0- 0- 0 TI: 0 LAT: 0 .00 LONG: 0 .00

	ID	NAME	UNITS	SENSOR	CAL	DATE	LAG	QUAL	ECRIT
1	PR	PRESSURE	DBARS	0	78/	8/ 9	15	0	0
2	TE	TEMP	DEG C	0	79/	2/14	3	0	0
3	CO	COND	MILLIMHS	202	79/	2/14	3	0	0
4	SW	SIGN WD	NONE	0	0/	0/ 0	3	0	0
5	OC	OXY CUR	MICROAMPS	0	0/	0/ 0	156	0	0
6	OT	OXY T	DEG C	0	0/	0/ 0	156	0	0
7	SA	SALINITY	PPT	0	99/	12/31	0	0	0
8	OX	OXYGEN	ML/L	0	99/	12/31	0	0	0
9	SI	SILICATE	MGATM/L	0	99/	12/31	0	0	0
10	NI	NITRATE	MATM/L	0	99/	12/31	0	0	0
11	PH	PHOSPHAT	MGATM/L	0	99/	12/31	0	0	0
12	QU	QUALITY	NONE	0	99/	12/31	0	0	0

ID	SB	WORD	SB	MASK	LSB	WORD	LSB	MASK	DIGR	DMASK	NBITS
PR		4		000001	0			000000	1	177777	17
TE		4		000002	0			000000	1	177777	17
CO		0		000000	0			000000	1	177777	16
SW		0		000000	0			000000	1	000377	-8
OC		0		000000	0			000000	32	007777	12
OT		4		000004	0			000000	32	000377	9
SA		0		000000	0			000000	1	000000	16
OX		0		000000	0			000000	1	000000	16
SI		0		000000	0			000000	1	000000	16
NI		0		000000	0			000000	1	000000	16
PH		0		000000	0			000000	1	000000	16
QU		0		000000	0			000000	1	000000	16

ID	ATTR. 1	SLOPE	ENG. BIAS	T.CONST.	ATTR. 2
PR	.000000E+00	1.000000E-01	-.300000E+00	.000000E+00	.000000E+00
TE	.000000E+00	.499913E-03	.120000E-01	.180000E+00	.000000E+00
CO	.000000E+00	.998790E-03	.000000E+00	.000000E+00	.150000E-07
SW	.000000E+00	.100000E+01	.000000E+00	.000000E+00	.300000E+04
OC	.000000E+00	.143000E-02	.000000E+00	.000000E+00	.150000E-03
OT	.000000E+00	1.000000E-01	.000000E+00	.000000E+00	.000000E+00
SA	.000000E+00	1.000000E-03	.000000E+00	.000000E+00	.000000E+00
OX	.000000E+00	1.000000E-02	.000000E+00	.000000E+00	.000000E+00
SI	.000000E+00	1.000000E-01	.000000E+00	.000000E+00	.000000E+00
NI	.000000E+00	1.000000E-01	.000000E+00	.000000E+00	.000000E+00

PM	.000000E+00	1.000000E-05	.000000E+00	.000000E+00	.000000E+00
QU	.000000E+00	.100000E+01	.000000E+00	.000000E+00	.000000E+00

#

223#

23

INPUT DISK FILE ,STATION#

1,0

#

23

INPUT DISK FILE ,STATION#

1,0

#

23

INPUT DISK FILE ,STATION#

1,3

KYWD 0 WL=907- 3 FIL 1LSCAN \$\$\$ #SCAN 25

#

:PR,CTDWS

IGNORED

#

:GO

IGNORED

#

:OF

#

:PR,CTDWS

CTDWS FEB 79

PLOT FACT,PLOTLU,LISTLU,TAPELU

1,7

#

21

IPR,CTDED
CTDED VERSION 790214 HERE
WHO ARE YOU? KROLL
DATE (YR,MO,DA)? 79,4,12
LIST DEVICE? 1

OP. MODE? PR
NAME OF WORK FILE? W2?03
W.S. INPUT DEVICE? 1
CTDED, VERSION 05 ERROR LIST

OPERATOR KROLL DATE 79/ 4/12 OP. MODE PR
EDIT PARAMETERS ON DISK? Y
FILE NAME? W2?02

*** CHECK EDIT PARAMETERS ***

EDIT PARAMETERS:
RECORD LIMITS 1 - 1203
START WHEN VAR 3 = .000000E+00
MAXBAD = 5

? IN FILENAME ~~XXXXXXXXXX~~
INCOMPLETE
INDICATES AN ~~XXXXXXXXXX~~ FILE

VAR. NO.	ID	PROC.	REL. VAR.	CRIT.	USE WGT.
1		0		.600	F
2		0		.004	T
3		0		.008	T
4		0		1.000	F
5		0		.010	T
6		0		.400	F
7		0		.008	T
8		0		1.000	F
9		0		1.000	F
10		2		1.000	F
11		2		1.000	F
12		2		1.000	F
13		2		1.000	F
14		2		.000	F
15		2		1.000	F
16		2		1.000	F
17		2		1.000	F
18		2		1.000	F
19		2		1.000	F
20		2		1.000	F

STA 8 / W2?03 123 ~~XXXXXX~~
SCTRS
STA 9-12 / W2?04 83 ~~XXXXXX~~
SCTRS

PRESSURE	WEIGHT
25	3
100	14
550	7
1500	4

INPUT CHANGES:
GO

EDIT PARAMETERS:
RECORD LIMITS 1 - 1203
START WHEN VAR 3 = .000000E+00
MAXBAD = 5

VAR. NO.	ID	PROC.	REL. VAR.	CRIT.	USE WGT.
1		0		.600	F
2		0		.004	T
3		0		.008	T
4		0		1.000	F

5	0	.010	F
6	0	.400	F
7	0	.008	T
8	0	1.000	F
9	0	1.000	F
10	2	1.000	F
11	2	1.000	F
12	2	1.000	F
13	2	1.000	F
14	2	.000	F
15	2	1.000	F
16	2	1.000	F
17	2	1.000	F
18	2	1.000	F
19	2	1.000	F
20	2	1.000	F

PRESSURE WEIGHT

25	3
100	14
550	7
1500	4

W.S. SCALE FACTOR RECORD ON DISK? YES

FILE NAME? W2702

*** EDIT W.S. SCALE FACTOR RECORD ***

	ID	NAME	UNITS	SENSOR	CAL DATE	LAG	QUAL	ECRIT
1	PR	PRESSURE	DBARS	0	78/ 8/ 9	15	0	0
2	TE	TEMP	DEG C	0	79/ 2/14	3	0	0
3	CO	COND	MILLIMHOS	202	79/ 2/14	3	0	0
4	SW	SIGN WD	NONE	0	0/ 0/ 0	3	0	0
5	OC	OXY CUR	MICROAMPS	0	0/ 0/ 0	156	0	0
6	OT	OXY T	DEG C	0	0/ 0/ 0	156	0	0
7	SA	SALINITY	PPT	0	99/12/31	0	0	0
8	OX	OXYGEN	ML/L	0	99/12/31	0	0	0
9	SI	SILICATE	MGATM/L	0	99/12/31	0	0	0
10	NI	NITRATE	MATM/L	0	99/12/31	0	0	0
11	PH	PHOSPHAT	MGATM/L	0	99/12/31	0	0	0
12	QU	QUALITY	NONE	0	99/12/31	0	0	0

	ID	ATTR. 1	SLOPE	ENG. BIAS	T.CONST.	ATTR. 2
PR		.000000E+00	1.000000E-01	-.300000E+00	.000000E+00	.000000E+00
TE		.000000E+00	.499913E-03	.120000E-01	.180000E+00	.000000E+00
CO		.000000E+00	.998790E-03	.000000E+00	.000000E+00	.150000E-07
SW		.000000E+00	.100000E+01	.000000E+00	.000000E+00	.300000E+04
OC		.000000E+00	.143000E-02	.000000E+00	.000000E+00	.150000E-03
OT		.000000E+00	1.000000E-01	.000000E+00	.000000E+00	.000000E+00
SA		.000000E+00	1.000000E-03	.000000E+00	.000000E+00	.000000E+00
OX		.000000E+00	1.000000E-02	.000000E+00	.000000E+00	.000000E+00
SI		.000000E+00	1.000000E-01	.000000E+00	.000000E+00	.000000E+00
NI		.000000E+00	1.000000E-01	.000000E+00	.000000E+00	.000000E+00
PH		.000000E+00	1.000000E-03	.000000E+00	.000000E+00	.000000E+00
QU		.000000E+00	.100000E+01	.000000E+00	.000000E+00	.000000E+00

INPUT CHANGES:

GO

CTD VAR TO USE = 6? ,

VAR ADDED = 6? ,

CREATE W.S. DATA RECORDS NOW? Y

STATION #?

8

*** CREATE WATER SAMPLE DATA RECORDS ***

INPUT W.S. DATA FOR SHIP WL CRUISE 907 STATION 8

INPUT DATA FOR 25 SCANS, 6 VARIABLES PER SCAN

SCAN 1 PR = 1? , , , , , @7773
 SCAN 2 PR = 2961? 34.719,4.47
 SCAN 3 PR = 2899? 34.718,4.43
 SCAN 4 PR = 2802? 34.720,4.17, , , , @200
 SCAN 5 PR = 2599? 34.721,4.37
 SCAN 6 PR = 2403? 34.724,4.15
 SCAN 7 PR = 2197? 34.725,3.83
 SCAN 8 PR = 1995? 34.724,3.4
 SCAN 9 PR = 1799? 34.732,3.00
 SCAN 10 PR = 1601? 34.748,2.84
 SCAN 11 PR = 1401? 34.726,0, , , , @200
 SCAN 12 PR = 1198? 34.709,2.28
 SCAN 13 PR = 996? 0,2.13, , , , @100
 SCAN 14 PR = 798? 34.717,2.03
 SCAN 15 PR = 698? 34.713,2.10
 SCAN 16 PR = 596? 34.716,2.22
 SCAN 17 PR = 500? 34.712,2.62
 SCAN 18 PR = 401? 34.802,3.77
 SCAN 19 PR = 294? 34.901,2.79
 SCAN 20 PR = 249? 34.859,2.4
 SCAN 21 PR = 199? 35.07,3.12
 SCAN 22 PR = 146? 0,3.53, , , , @100
 SCAN 23 PR = 97? 0,4.76, , , , @100
 SCAN 24 PR = 50? 4\34.825,5.17
 SCAN 25 PR = 10? 34.337,4.92

W.S. DATA RECORD EDIT

INPUT ONE OF THE FOLLOWING CODES:

PR TO DISPLAY

ED TO EDIT

EN TO TERMINATE

? PR

1	.16000E+01	.27595E+02	.54484E+02	.00000E+00	.28114E+01
	.21400E+02	.00000E+00	.00000E+00	.00000E+00	.00000E+00
	.00000E+00	.40910E+04			
2	.29616E+04	.16102E+01	.31455E+02	.80000E+01	.42328E+00
	.12000E+01	.34719E+02	.44700E+01	.00000E+00	.00000E+00
	.00000E+00	.40910E+04			
3	.28997E+04	.16167E+01	.31438E+02	.80000E+01	.42757E+00
	.12000E+01	.34718E+02	.44300E+01	.00000E+00	.00000E+00
	.00000E+00	.40910E+04			
4	.28027E+04	.16322E+01	.31415E+02	.80000E+01	.42900E+00
	.11000E+01	.34720E+02	.41700E+01	.00000E+00	.00000E+00
	.00000E+00	.12800E+03			
5	.25994E+04	.17692E+01	.31457E+02	.80000E+01	.43472E+00
	.12000E+01	.34721E+02	.43700E+01	.00000E+00	.00000E+00
	.00000E+00	.12800E+03			
6	.24033E+04	.19412E+01	.31531E+02	.80000E+01	.43758E+00
	.13000E+01	.34724E+02	.41500E+01	.00000E+00	.00000E+00
	.00000E+00	.12800E+03			
7	.21971E+04	.21581E+01	.31640E+02	.80000E+01	.43472E+00
	.14000E+01	.34725E+02	.38300E+01	.00000E+00	.00000E+00
	.00000E+00	.12800E+03			
8	.19960E+04	.26430E+01	.31985E+02	.80000E+01	.41899E+00
	.15000E+01	.34724E+02	.34000E+01	.00000E+00	.00000E+00
	.00000E+00	.12800E+03			
9	.17994E+04	.31799E+01	.32383E+02	.80000E+01	.39182E+00
	.18000E+01	.34732E+02	.30000E+01	.00000E+00	.00000E+00
	.00000E+00	.12800E+03			
10	.16013E+04	.37643E+01	.32834E+02	.80000E+01	.35464E+00
	.22000E+01	.34748E+02	.28400E+01	.00000E+00	.00000E+00
	.00000E+00	.12800E+03			
11	.14011E+04	.43902E+01	.33291E+02	.80000E+01	.33033E+00
	.27000E+01	.34726E+02	.00000E+00	.00000E+00	.00000E+00

	.00000E+00	.12800E+03			
12	.11983E+04	.48717E+01	.33617E+02	.80000E+01	.32318E+00
	.34000E+01	.34709E+02	.22800E+01	.00000E+00	.00000E+00
	.00000E+00	.12800E+03			
13	.99640E+03	.55210E+01	.34111E+02	.80000E+01	.31889E+00
	.36000E+01	.00000E+00	.21300E+01	.00000E+00	.00000E+00
	.00000E+00	.64000E+02			
14	.79900E+03	.64989E+01	.34929E+02	.80000E+01	.32318E+00
	.40000E+01	.34717E+02	.20300E+01	.00000E+00	.00000E+00
	.00000E+00	.64000E+02			
15	.69870E+03	.70138E+01	.35351E+02	.80000E+01	.35750E+00
	.45000E+01	.34713E+02	.21000E+01	.00000E+00	.00000E+00
	.00000E+00	.64000E+02			
16	.59640E+03	.76707E+01	.35913E+02	.80000E+01	.40040E+00
	.47000E+01	.34716E+02	.22200E+01	.00000E+00	.00000E+00
	.00000E+00	.64000E+02			
17	.50030E+03	.83356E+01	.36482E+02	.80000E+01	.48048E+00
	.51000E+01	.34712E+02	.26200E+01	.00000E+00	.00000E+00
	.00000E+00	.64000E+02			
18	.40180E+03	.97538E+01	.37838E+02	.80000E+01	.79365E+00
	.55000E+01	.34802E+02	.37700E+01	.00000E+00	.00000E+00
	.00000E+00	.64000E+02			
19	.29430E+03	.11575E+02	.39623E+02	.80000E+01	.68926E+00
	.63000E+01	.34901E+02	.27900E+01	.00000E+00	.00000E+00
	.00000E+00	.64000E+02			
20	.24990E+03	.12722E+02	.40671E+02	.80000E+01	.60775E+00
	.70000E+01	.34859E+02	.24000E+01	.00000E+00	.00000E+00
	.00000E+00	.64000E+02			
21	.19930E+03	.15243E+02	.43176E+02	.80000E+01	.79222E+00
	.76000E+01	.35070E+02	.31200E+01	.00000E+00	.00000E+00
	.00000E+00	.64000E+02			
22	.14650E+03	.18652E+02	.46898E+02	.80000E+01	.10725E+01
	.84000E+01	.00000E+00	.35300E+01	.00000E+00	.00000E+00
	.00000E+00	.64000E+02			
23	.97400E+02	.22653E+02	.50728E+02	.80000E+01	.17832E+01
1	.00000E+01	.00000E+00	.47600E+01	.00000E+00	.00000E+00
	.00000E+00	.64000E+02			
24	.50300E+02	.26244E+02	.54188E+02	.80000E+01	.22651E+01
	.12100E+02	.34825E+02	.51700E+01	.00000E+00	.00000E+00
	.00000E+00	.64000E+02			
25	.10500E+02	.28236E+02	.55545E+02	.80000E+01	.23795E+01
	.14200E+02	.34337E+02	.49200E+01	.00000E+00	.00000E+00
	.00000E+00	.64000E+02			

W.S. DATA RECORD EDIT

INPUT ONE OF THE FOLLOWING CODES:

PR TO DISPLAY

ED TO EDIT

EN TO TERMINATE

? ED

INPUT SCAN NO., VAR. NO., AND NEW VALUE

TERMINATE WITH -1

? 2,12,0

? 3,12,0

? 5,12,0

? 6,12,0

? 7,12,0

? 8,12,0

? 9,12,0

? 10,12,0

? 12,12,0

? 14,12,0

? 15,12,0

? 16,12,0

? 17,12,0

? 18,12,0

?

17,12,0					
? 20,12,0					
? 21,12,0					
? 24,12,0					
? 25,12,0					
? -1					
W.S. DATA RECORD EDIT					
INPUT ONE OF THE FOLLOWING CODES:					
PR TO DISPLAY					
ED TO EDIT					
EN TO TERMINATE					
? PR					
1	.16000E+01	.27595E+02	.54484E+02	.00000E+00	.28114E+01
	.21400E+02	.00000E+00	.00000E+00	.00000E+00	.00000E+00
	.00000E+00	.40910E+04			
2	.29616E+04	.16102E+01	.31455E+02	.80000E+01	.42328E+00
	.12000E+01	.34719E+02	.44700E+01	.00000E+00	.00000E+00
	.00000E+00	.00000E+00			
3	.28997E+04	.16167E+01	.31438E+02	.80000E+01	.42757E+00
	.12000E+01	.34718E+02	.44300E+01	.00000E+00	.00000E+00
	.00000E+00	.00000E+00			
4	.28027E+04	.16322E+01	.31415E+02	.80000E+01	.42900E+00
	.11000E+01	.34720E+02	.41700E+01	.00000E+00	.00000E+00
	.00000E+00	.12800E+03			
5	.25994E+04	.17692E+01	.31457E+02	.80000E+01	.43472E+00
	.12000E+01	.34721E+02	.43700E+01	.00000E+00	.00000E+00
	.00000E+00	.00000E+00			
6	.24033E+04	.19412E+01	.31531E+02	.80000E+01	.43758E+00
	.13000E+01	.34724E+02	.41500E+01	.00000E+00	.00000E+00
	.00000E+00	.00000E+00			
7	.21971E+04	.21581E+01	.31640E+02	.80000E+01	.43472E+00
	.14000E+01	.34725E+02	.38300E+01	.00000E+00	.00000E+00
	.00000E+00	.00000E+00			
8	.19960E+04	.26430E+01	.31985E+02	.80000E+01	.41899E+00
	.15000E+01	.34724E+02	.34000E+01	.00000E+00	.00000E+00
	.00000E+00	.00000E+00			
9	.17994E+04	.31799E+01	.32383E+02	.80000E+01	.39182E+00
	.18000E+01	.34732E+02	.30000E+01	.00000E+00	.00000E+00
	.00000E+00	.00000E+00			
10	.16013E+04	.37643E+01	.32834E+02	.80000E+01	.35464E+00
	.22000E+01	.34748E+02	.28400E+01	.00000E+00	.00000E+00
	.00000E+00	.00000E+00			
11	.14011E+04	.43902E+01	.33291E+02	.80000E+01	.33033E+00
	.27000E+01	.34726E+02	.00000E+00	.00000E+00	.00000E+00
	.00000E+00	.12800E+03			
12	.11983E+04	.48717E+01	.33617E+02	.80000E+01	.32318E+00
	.34000E+01	.34709E+02	.22800E+01	.00000E+00	.00000E+00
	.00000E+00	.00000E+00			
13	.99640E+03	.55210E+01	.34111E+02	.80000E+01	.31889E+00
	.36000E+01	.00000E+00	.21300E+01	.00000E+00	.00000E+00
	.00000E+00	.64000E+02			
14	.79900E+03	.64989E+01	.34929E+02	.80000E+01	.32318E+00
	.40000E+01	.34717E+02	.20300E+01	.00000E+00	.00000E+00
	.00000E+00	.00000E+00			
15	.69870E+03	.70138E+01	.35351E+02	.80000E+01	.35750E+00
	.45000E+01	.34713E+02	.21000E+01	.00000E+00	.00000E+00
	.00000E+00	.00000E+00			
16	.59640E+03	.76707E+01	.35913E+02	.80000E+01	.40040E+00
	.47000E+01	.34716E+02	.22200E+01	.00000E+00	.00000E+00
	.00000E+00	.00000E+00			
17	.50030E+03	.83356E+01	.36482E+02	.80000E+01	.48048E+00
	.51000E+01	.34712E+02	.26200E+01	.00000E+00	.00000E+00
	.00000E+00	.00000E+00			
18	.40180E+03	.97538E+01	.37838E+02	.80000E+01	.79365E+00
	.55000E+01	.34802E+02	.37700E+01	.00000E+00	.00000E+00
	.00000E+00	.00000E+00			

19	.29430E+03	.11575E+02	.39623E+02	.80000E+01	.68926E+00
	.63000E+01	.34901E+02	.27900E+01	.00000E+00	.00000E+00
	.00000E+00	.00000E+00			
20	.24990E+03	.12722E+02	.40671E+02	.80000E+01	.60775E+00
	.70000E+01	.34859E+02	.24000E+01	.00000E+00	.00000E+00
	.00000E+00	.00000E+00			
21	.19730E+03	.15243E+02	.43176E+02	.80000E+01	.79222E+00
	.76000E+01	.35070E+02	.31200E+01	.00000E+00	.00000E+00
	.00000E+00	.00000E+00			
22	.14650E+03	.18652E+02	.46898E+02	.80000E+01	.10725E+01
	.84000E+01	.00000E+00	.35300E+01	.00000E+00	.00000E+00
	.00000E+00	.64000E+02			
23	.97400E+02	.22653E+02	.50728E+02	.80000E+01	.17832E+01
1.	.00000E+01	.00000E+00	.47600E+01	.00000E+00	.00000E+00
	.00000E+00	.64000E+02			
24	.50300E+02	.26244E+02	.54188E+02	.80000E+01	.22651E+01
	.12100E+02	.34825E+02	.51700E+01	.00000E+00	.00000E+00
	.00000E+00	.00000E+00			
25	.10500E+02	.28236E+02	.55545E+02	.80000E+01	.23795E+01
	.14200E+02	.34337E+02	.49200E+01	.00000E+00	.00000E+00
	.00000E+00	.00000E+00			

W.S. DATA RECORD EDIT

INPUT ONE OF THE FOLLOWING CODES:

PR TO DISPLAY

ED TO EDIT

EN TO TERMINATE

? EN

WATER SAMPLE DATA RECORD FOR

SHIP WL CRUISE 907 STATION 8

W.S. DATA RECORD EDIT

INPUT ONE OF THE FOLLOWING CODES:

PR TO DISPLAY

ED TO EDIT

EN TO TERMINATE

? EN

CTDED : STOP 0000

@

PR,CTDED

CTDED VERSION 790214 HERE

WHO ARE YOU? KROLL

DATE (YR,MO,DA)? 79,4,12

LIST DEVICE? 1

OP. MODE? PR

NAME OF WORK FILE? W2?04

W.S. INPUT DEVICE? 1

CTDED, VERSION 05 ERROR LIST

OPERATOR KROLL DATE 79/ 4/12 OP. MODE PR

EDIT PARAMETERS ON DISK? Y

FILE NAME? W2?02

*** CHECK EDIT PARAMETERS ***

EDIT PARAMETERS:

RECORD LIMITS 1 - 1203

START WHEN VAR 3 = .00000E+00

MAXBAD = 5

VAR.	ID	PROC.	REL.	CRIT.	USE
NO.			VAR.		WGT.
1		0		.600	F

CTDED (PR)

W2?04

STA 9

WS DATA

W2?04

STA 9

WS DATA

2	0	.004	T
3	0	.008	T
4	0	1.000	F
5	0	.010	T
6	0	.400	F
7	0	.008	T
8	0	1.000	F
9	0	1.000	F
10	2	1.000	F
11	2	1.000	F
12	2	1.000	F
13	2	1.000	F
14	2	.000	F
15	2	1.000	F
16	2	1.000	F
17	2	1.000	F
18	2	1.000	F
19	2	1.000	F
20	2	1.000	F

PRESSURE	WEIGHT
25	3
100	14
550	7
1500	4

INPUT CHANGES:
GO

EDIT PARAMETERS:
RECORD LIMITS 1 - 1203
START WHEN VAR 3 = .000000E+00
MAXBAD = 5

VAR. NO.	ID PROC.	REL. VAR.	CRIT.	USE WGT.
1	0		.600	F
2	0		.004	T
3	0		.008	T
4	0		1.000	F
5	0		.010	T
6	0		.400	F
7	0		.008	T
8	0		1.000	F
9	0		1.000	F
10	2		1.000	F
11	2		1.000	F
12	2		1.000	F
13	2		1.000	F
14	2		.000	F
15	2		1.000	F
16	2		1.000	F
17	2		1.000	F
18	2		1.000	F
19	2		1.000	F
20	2		1.000	F

PRESSURE	WEIGHT
25	3
100	14
550	7
1500	4

W.S. SCALE FACTOR RECORD ON DISK? Y
FILE NAME? W2?02

*** EDIT W.S. SCALE FACTOR RECORD ***

ID	NAME	UNITS	SENSOR	CAL DATE	LAG	QUAL	ECRIT
1	PR	PRESSURE DBARS	0	78/ 8/ 9	15	0	0
2	TE	TEMP DEG C	0	79/ 2/14	3	0	0
3	CO	COND MILLIMHOS	202	79/ 2/14	3	0	0
4	SW	SIGN WD NONE	0	0/ 0/ 0	3	0	0
5	DC	OXY CUR MICROAMPS	0	0/ 0/ 0	156	0	0
6	OT	OXY T DEG C	0	0/ 0/ 0	156	0	0
7	SA	SALINITY PPT	0	99/12/31	0	0	0
8	OX	OXYGEN ML/L	0	99/12/31	0	0	0
9	SI	SILICATE MGATM/L	0	99/12/31	0	0	0
10	NI	NITRATE MATM/L	0	99/12/31	0	0	0
11	PH	PHOSPHAT MGATM/L	0	99/12/31	0	0	0
12	QU	QUALITY NONE	0	99/12/31	0	0	0

ID	ATTR. 1	SLOPE	ENG. BIAS	T.CONST.	ATTR. 2
PR	.000000E+00	1.000000E-01	-.300000E+00	.000000E+00	.000000E+00
TE	.000000E+00	.499913E-03	.120000E-01	.180000E+00	.000000E+00
CO	.000000E+00	.998790E-03	.000000E+00	.000000E+00	.150000E-07
SW	.000000E+00	.100000E+01	.000000E+00	.000000E+00	.300000E+04
DC	.000000E+00	.143000E-02	.000000E+00	.000000E+00	.150000E-03
OT	.000000E+00	1.000000E-01	.000000E+00	.000000E+00	.000000E+00
SA	.000000E+00	1.000000E-03	.000000E+00	.000000E+00	.000000E+00
OX	.000000E+00	1.000000E-02	.000000E+00	.000000E+00	.000000E+00
SI	.000000E+00	1.000000E-01	.000000E+00	.000000E+00	.000000E+00
NI	.000000E+00	1.000000E-01	.000000E+00	.000000E+00	.000000E+00
PH	.000000E+00	1.000000E-03	.000000E+00	.000000E+00	.000000E+00
QU	.000000E+00	.100000E+01	.000000E+00	.000000E+00	.000000E+00

INPUT CHANGES:

GO

CTD VAR TO USE = 6? ,
VAR ADDED = 6? ,

CREATE W.S. DATA RECORDS NOW? Y

STATION #?

9

WL907/9

WSS DATA

*** CREATE WATER SAMPLE DATA RECORDS ***

FILE W2304

INPUT W.S. DATA FOR SHIP WL CRUISE 907 STATION 9

INPUT DATA FOR 25 SCANS, 6 VARIABLES PER SCAN

SCAN 1 PR = 2? 0.0,0.0,0.0,0.0,0.0,0.03777

SCAN 2 PR = 4358? 34.716,4.5

SCAN 3 PR = 3997? 34.716,4.44

SCAN 4 PR = 3702? 34.716,4.53,,,,0

SCAN 5 PR = 3405? 34.718,4.43

SCAN 6 PR = 3200? 34.718,4.53

SCAN 7 PR = 3000? 34.719,4.44

SCAN 8 PR = 2797? 34.72,4.39

SCAN 9 PR = 2599? 34.722,0,,,,0.200

SCAN 10 PR = 2404? 34.722,4.13,,,,0

SCAN 11 PR = 2099? 34.729,3.73

SCAN 12 PR = 1804? 34.75,3.08

SCAN 13 PR = 1513? 34.752,2.83

SCAN 14 PR = 1200? 34.711,2.45

SCAN 15 PR = 998? 34.701,2.2

SCAN 16 PR = 802? 34.733,2.15

SCAN 17 PR = 602? 34.687,2.44

SCAN 18 PR = 504? 34.708,2.9

SCAN 19 PR = 400? 34.802,3.87

SCAN 20 PR = 305? 34.929,2.81

SCAN 21 PR = 207? 34.894,2.62

SCAN 22 PR = 153? 35.089,3.26

SCAN 23 PR = 97? 35.061,4.79

SCAN 24 PR = 49? 34.827,5.09

W.S. DATA RECORD EDIT
INPUT ONE OF THE FOLLOWING CODES:

PR TO DISPLAY
ED TO EDIT
EN TO TERMINATE

? PR

1	.24000E+01	.27111E+02	.13983E-01	.80000E+01	.27370E+01
	.21700E+02	.00000E+00	.00000E+00	.00000E+00	.00000E+00
	.00000E+00	.20470E+04			
2	.43585E+04	.14907E+01	.31844E+02	.80000E+01	.34320E+00
	.11000E+01	.34716E+02	.45000E+01	.00000E+00	.00000E+00
	.00000E+00	.20470E+04			
3	.39977E+04	.14602E+01	.31695E+02	.80000E+01	.35750E+00
	.10000E+01	.34716E+02	.44400E+01	.00000E+00	.00000E+00
	.00000E+00	.20470E+04			
4	.37026E+04	.14767E+01	.31607E+02	.80000E+01	.37323E+00
	.10000E+01	.34716E+02	.45300E+01	.00000E+00	.00000E+00
	.00000E+00	.00000E+00			
5	.34050E+04	.15127E+01	.31532E+02	.80000E+01	.38896E+00
	.10000E+01	.34718E+02	.44300E+01	.00000E+00	.00000E+00
	.00000E+00	.00000E+00			
6	.32002E+04	.15547E+01	.31495E+02	.80000E+01	.40469E+00
	.10000E+01	.34718E+02	.45300E+01	.00000E+00	.00000E+00
	.00000E+00	.00000E+00			
7	.30007E+04	.15962E+01	.31457E+02	.80000E+01	.41470E+00
	.11000E+01	.34719E+02	.44400E+01	.00000E+00	.00000E+00
	.00000E+00	.00000E+00			
8	.27974E+04	.16587E+01	.31436E+02	.80000E+01	.42328E+00
	.11000E+01	.34720E+02	.43900E+01	.00000E+00	.00000E+00
	.00000E+00	.00000E+00			
9	.25992E+04	.18102E+01	.31492E+02	.80000E+01	.42471E+00
	.12000E+01	.34722E+02	.00000E+00	.00000E+00	.00000E+00
	.00000E+00	.12800E+03			
10	.24042E+04	.20167E+01	.31596E+02	.80000E+01	.42900E+00
	.13000E+01	.34722E+02	.41300E+01	.00000E+00	.00000E+00
	.00000E+00	.00000E+00			
11	.20996E+04	.25991E+01	.31990E+02	.80000E+01	.40898E+00
	.15000E+01	.34729E+02	.37300E+01	.00000E+00	.00000E+00
	.00000E+00	.00000E+00			
12	.18044E+04	.33709E+01	.32569E+02	.80000E+01	.36179E+00
	.19000E+01	.34750E+02	.30800E+01	.00000E+00	.00000E+00
	.00000E+00	.00000E+00			
13	.15138E+04	.41123E+01	.33109E+02	.80000E+01	.34034E+00
	.25000E+01	.34752E+02	.28300E+01	.00000E+00	.00000E+00
	.00000E+00	.00000E+00			
14	.12000E+04	.49336E+01	.33675E+02	.80000E+01	.31603E+00
	.30000E+01	.34711E+02	.24500E+01	.00000E+00	.00000E+00
	.00000E+00	.00000E+00			
15	.99880E+03	.56110E+01	.34195E+02	.80000E+01	.31603E+00
	.36000E+01	.34701E+02	.22000E+01	.00000E+00	.00000E+00
	.00000E+00	.00000E+00			
16	.80290E+03	.67368E+01	.35162E+02	.80000E+01	.32604E+00
	.41000E+01	.34733E+02	.21500E+01	.00000E+00	.00000E+00
	.00000E+00	.00000E+00			
17	.60250E+03	.77417E+01	.35954E+02	.80000E+01	.41899E+00
	.48000E+01	.34687E+02	.24400E+01	.00000E+00	.00000E+00
	.00000E+00	.00000E+00			
18	.50450E+03	.84900E+01	.36624E+02	.80000E+01	.56056E+00
	.53000E+01	.34708E+02	.29000E+01	.00000E+00	.00000E+00
	.00000E+00	.00000E+00			
19	.40090E+03	.97438E+01	.37837E+02	.80000E+01	.82940E+00
	.59000E+01	.34802E+02	.38700E+01	.00000E+00	.00000E+00
	.00000E+00	.00000E+00			
20	.30590E+03	.11652E+02	.39678E+02	.80000E+01	.68926E+00
	.65000E+01	.34929E+02	.28100E+01	.00000E+00	.00000E+00
	.00000E+00	.00000E+00			

21	.20730E+03	.14011E+02	.41931E+02	.80000E+01	.65208E+00
	.75000E+01	.34894E+02	.26200E+01	.00000E+00	.00000E+00
	.00000E+00	.00000E+00			
22	.15300E+03	.17462E+02	.45524E+02	.80000E+01	.97812E+00
	.90000E+01	.35089E+02	.32600E+01	.00000E+00	.00000E+00
	.00000E+00	.00000E+00			
23	.97900E+02	.22774E+02	.50893E+02	.80000E+01	.17332E+01
	.10300E+02	.35061E+02	.47900E+01	.00000E+00	.00000E+00
	.00000E+00	.00000E+00			
24	.49200E+02	.26069E+02	.53965E+02	.80000E+01	.21050E+01
	.12600E+02	.34827E+02	.50900E+01	.00000E+00	.00000E+00
	.00000E+00	.00000E+00			
25	.51000E+01	.28062E+02	.55395E+02	.80000E+01	.23052E+01
	.14900E+02	.34365E+02	.48000E+01	.00000E+00	.00000E+00
	.00000E+00	.00000E+00			

W.S. DATA RECORD EDIT

INPUT ONE OF THE FOLLOWING CODES:

PR TO DISPLAY

ED TO EDIT

EN TO TERMINATE

? ED

INPUT SCAN NO., VAR. NO., AND NEW VALUE

TERMINATE WITH -1

? 2,12,0

? 3,12,0

? -1

W.S. DATA RECORD EDIT

INPUT ONE OF THE FOLLOWING CODES:

PR TO DISPLAY

ED TO EDIT

EN TO TERMINATE

? EN

WATER SAMPLE DATA RECORD FOR

SHIP WL CRUISE 907 STATION 9

W.S. DATA RECORD EDIT

INPUT ONE OF THE FOLLOWING CODES:

PR TO DISPLAY

ED TO EDIT

EN TO TERMINATE

? EN

STATION #?

10

*** CREATE WATER SAMPLE DATA RECORDS ***

INPUT W.S. DATA FOR SHIP WL CRUISE 907 STATION 10

INPUT DATA FOR 25 SCANS, 6 VARIABLES PER SCAN

SCAN 1 PR = 2? 0,0,0,0,0@3777

SCAN 2 PR = 3964? 34.717,5.34,,,@200

SCAN 3 PR = 3691? 34.717\8,3.73

SCAN 4 PR = 3404? 34.72,4.37,,@0

SCAN 5 PR = 3193? ,4.42

SCAN 6 PR = 2999? 34.725,4.34

SCAN 7 PR = 2798? 34.727,4.12

SCAN 8 PR = 2599? 34.73,4.

SCAN 9 PR = 2397? 34.734,3.87

SCAN 10 PR = 2099? 34.746,3.52

SCAN 11 PR = 1798? 34.742\1

SCAN 12 PR = 1503? 3.25

34.75,2.72

SCAN 13 PR = 1196? 34.731,2.38

SCAN 14 PR = 997? 34.716,2.18

SCAN 15 PR = 798? 34.711,2.2

SCAN 16 PR = 599? 34.711,2.2

WS DATA → W2?04

8 W4907/10

W2?04

STA 10

SCAN 17 PR = 499? 34.614\41,4.18
 SCAN 18 PR = 398? 34.847,5.27,,,,@200
 SCAN 19 PR = 303? 35.1,5.78
 SCAN 20 PR = 250? 35.242,4.16,,,,0
 SCAN 21 PR = 201? 34.925,2.85
 SCAN 22 PR = 150? 35.2,3.43
 SCAN 23 PR = 101? 35.294,4.5
 SCAN 24 PR = 55? 34.778,5.04
 SCAN 25 PR = 8? 34.514\41,4.89

W.S. DATA RECORD EDIT

INPUT ONE OF THE FOLLOWING CODES:

PR TO DISPLAY
 ED TO EDIT
 EN TO TERMINATE

? PR

1	.21000E+01	.26190E+02	.14183E+00	.80000E+01	.24853E+01
	.20900E+02	.00000E+00	.00000E+00	.00000E+00	.00000E+00
	.00000E+00	.37770E+04			
2	.39646E+04	.14263E+01	.18857E+02	.80000E+01	.35750E+00
	.11000E+01	.34717E+02	.53400E+01	.00000E+00	.00000E+00
	.00000E+00	.12800E+03			
3	.36915E+04	.14103E+01	.20412E+02	.80000E+01	.36751E+00
	.10000E+01	.34718E+02	.37300E+01	.00000E+00	.00000E+00
	.00000E+00	.12800E+03			
4	.34049E+04	.14602E+01	.31476E+02	.80000E+01	.38038E+00
	.10000E+01	.34720E+02	.43700E+01	.00000E+00	.00000E+00
	.00000E+00	.00000E+00			
5	.31936E+04	.16072E+01	.31532E+02	.80000E+01	.39611E+00
	.10000E+01	.34720E+02	.44200E+01	.00000E+00	.00000E+00
	.00000E+00	.00000E+00			
6	.29994E+04	.17127E+01	.31554E+02	.80000E+01	.40040E+00
	.12000E+01	.34725E+02	.43400E+01	.00000E+00	.00000E+00
	.00000E+00	.00000E+00			
7	.27985E+04	.18837E+01	.31630E+02	.80000E+01	.40326E+00
	.12000E+01	.34727E+02	.41200E+01	.00000E+00	.00000E+00
	.00000E+00	.00000E+00			
8	.25992E+04	.19937E+01	.31654E+02	.80000E+01	.40040E+00
	.14000E+01	.34730E+02	.40000E+01	.00000E+00	.00000E+00
	.00000E+00	.00000E+00			
9	.23978E+04	.21781E+01	.31741E+02	.80000E+01	.40183E+00
	.14000E+01	.34734E+02	.38700E+01	.00000E+00	.00000E+00
	.00000E+00	.00000E+00			
10	.20991E+04	.25806E+01	.31984E+02	.80000E+01	.38610E+00
	.17000E+01	.34746E+02	.35200E+01	.00000E+00	.00000E+00
	.00000E+00	.00000E+00			
11	.17989E+04	.31130E+01	.32330E+02	.80000E+01	.37895E+00
	.20000E+01	.34741E+02	.35200E+01	.00000E+00	.00000E+00
	.00000E+00	.00000E+00			
12	.15032E+04	.40233E+01	.33020E+02	.80000E+01	.34320E+00
	.25000E+01	.34750E+02	.27200E+01	.00000E+00	.00000E+00
	.00000E+00	.00000E+00			
13	.11965E+04	.48492E+01	.33616E+02	.80000E+01	.33176E+00
	.31000E+01	.34731E+02	.23800E+01	.00000E+00	.00000E+00
	.00000E+00	.00000E+00			
14	.99730E+03	.54516E+01	.34060E+02	.80000E+01	.32890E+00
	.36000E+01	.34716E+02	.21800E+01	.00000E+00	.00000E+00
	.00000E+00	.00000E+00			
15	.79890E+03	.62159E+01	.34663E+02	.80000E+01	.34749E+00
	.41000E+01	.34711E+02	.22000E+01	.00000E+00	.00000E+00
	.00000E+00	.00000E+00			
16	.59760E+03	.72742E+01	.35522E+02	.80000E+01	.45474E+00
	.45000E+01	.34690E+02	.26400E+01	.00000E+00	.00000E+00
	.00000E+00	.00000E+00			
17	.49970E+03	.80501E+01	.36147E+02	.80000E+01	.76791E+00
	.49000E+01	.34641E+02	.41800E+01	.00000E+00	.00000E+00
	.00000E+00	.00000E+00			

INPUT W.S. DATA FOR SHIP WL CRUISE 907 STATION 11									
INPUT DATA FOR 25 SCANS, 6 VARIABLES PER SCAN									
SCAN	1	PR	=	12	0,0,0,0,0,0	@3777			
SCAN	2	PR	=	3813?	34,713,4,44				
SCAN	3	PR	=	3600?	34,714,4,43,,,,0				
SCAN	4	PR	=	3392?	34,717,4,32				
SCAN	5	PR	=	3202?	34,719,4,31				
SCAN	6	PR	=	3001?	34,722,4,26				
SCAN	7	PR	=	2802?	34,726,4,15				

SCAN 8 PR = 2597? 34.727,4.04
 SCAN 9 PR = 2401? 34.73,3.89
 SCAN 10 PR = 2097? 34.744
 SCAN 11 PR = 1796? 34.750,3.14
 SCAN 12 PR = 1503? 34.743,2.81
 SCAN 13 PR = 1194? 34.739,2.43
 SCAN 14 PR = 994? 34.722,2.22
 SCAN 15 PR = 801? ,2.18
 SCAN 16 PR = 599? 34.673,2.75
 SCAN 17 PR = 500? 34.612,4.47
 SCAN 18 PR = 399? 34.772,5.32
 SCAN 19 PR = 304? 35.031,6.1,,,0200
 SCAN 20 PR = 249? 35.12,3.87,,,0
 SCAN 21 PR = 202? 34.864,2.57
 SCAN 22 PR = 148? 35.069,3.06
 SCAN 23 PR = 104? 35.045,3.11
 SCAN 24 PR = 50? 35.036,4.12
 SCAN 25 PR = 8? 34.753,4.79

W.S. DATA RECORD EDIT

INPUT ONE OF THE FOLLOWING CODES:

PR TO DISPLAY

ED TO EDIT

EN TO TERMINATE

? ED

INPUT SCAN NO., VAR. NO., AND NEW VALUE

TERMINATE WITH -1

? 2,12,0

? 10,8,3.5

? -1

W.S. DATA RECORD EDIT

INPUT ONE OF THE FOLLOWING CODES:

PR TO DISPLAY

ED TO EDIT

EN TO TERMINATE

? PR

1	.15000E+01	.25116E+02	.27567E+00	.80000E+01	.23938E+01
	.20300E+02	.00000E+00	.00000E+00	.00000E+00	.00000E+00
	.00000E+00	.20470E+04			
2	.38138E+04	.13883E+01	.31567E+02	.80000E+01	.36465E+00
	.11000E+01	.34713E+02	.44400E+01	.00000E+00	.00000E+00
	.00000E+00	.00000E+00			
3	.36005E+04	.13788E+01	.31483E+02	.80000E+01	.37323E+00
	.10000E+01	.34714E+02	.44300E+01	.00000E+00	.00000E+00
	.00000E+00	.00000E+00			
4	.33929E+04	.15142E+01	.31528E+02	.80000E+01	.37323E+00
	.10000E+01	.34717E+02	.43200E+01	.00000E+00	.00000E+00
	.00000E+00	.00000E+00			
5	.32020E+04	.16077E+01	.31541E+02	.80000E+01	.38610E+00
	.11000E+01	.34719E+02	.43100E+01	.00000E+00	.00000E+00
	.00000E+00	.00000E+00			
6	.30015E+04	.17782E+01	.31618E+02	.80000E+01	.39611E+00
	.11000E+01	.34722E+02	.42600E+01	.00000E+00	.00000E+00
	.00000E+00	.00000E+00			
7	.28023E+04	.18647E+01	.31620E+02	.80000E+01	.39468E+00
	.12000E+01	.34726E+02	.41500E+01	.00000E+00	.00000E+00
	.00000E+00	.00000E+00			
8	.25976E+04	.20007E+01	.31662E+02	.80000E+01	.40469E+00
	.13000E+01	.34727E+02	.40400E+01	.00000E+00	.00000E+00
	.00000E+00	.00000E+00			
9	.24012E+04	.22001E+01	.31762E+02	.80000E+01	.40612E+00
	.14000E+01	.34730E+02	.38900E+01	.00000E+00	.00000E+00
	.00000E+00	.00000E+00			
10	.20976E+04	.26760E+01	.32069E+02	.80000E+01	.38467E+00
	.16000E+01	.34744E+02	.35000E+01	.00000E+00	.00000E+00
	.00000E+00	.00000E+00			
11	.17962E+04	.32264E+01	.32438E+02	.80000E+01	.36751E+00

	.20000E+01	.34750E+02	.31400E+01	.00000E+00	.00000E+00
	.00000E+00	.00000E+00			
12	.15033E+04	.38623E+01	.32876E+02	.80000E+01	.35178E+00
	.24000E+01	.34743E+02	.28100E+01	.00000E+00	.00000E+00
	.00000E+00	.00000E+00			
13	.11948E+04	.47702E+01	.33554E+02	.80000E+01	.33176E+00
	.30000E+01	.34739E+02	.24300E+01	.00000E+00	.00000E+00
	.00000E+00	.00000E+00			
14	.99470E+03	.53441E+01	.33975E+02	.80000E+01	.32175E+00
	.35000E+01	.34722E+02	.22200E+01	.00000E+00	.00000E+00
	.00000E+00	.00000E+00			
15	.80140E+03	.60160E+01	.34496E+02	.80000E+01	.33748E+00
	.39000E+01	.34722E+02	.21800E+01	.00000E+00	.00000E+00
	.00000E+00	.00000E+00			
16	.59980E+03	.70223E+01	.35285E+02	.80000E+01	.47476E+00
	.45000E+01	.34673E+02	.27500E+01	.00000E+00	.00000E+00
	.00000E+00	.00000E+00			
17	.50090E+03	.79211E+01	.36004E+02	.80000E+01	.83226E+00
	.50000E+01	.34612E+02	.44700E+01	.00000E+00	.00000E+00
	.00000E+00	.00000E+00			
18	.39900E+03	.94484E+01	.37522E+02	.80000E+01	.10768E+01
	.54000E+01	.34772E+02	.53200E+01	.00000E+00	.00000E+00
	.00000E+00	.00000E+00			
19	.30420E+03	.11428E+02	.39624E+02	.80000E+01	.12041E+01
	.61000E+01	.35031E+02	.61000E+01	.00000E+00	.00000E+00
	.00000E+00	.12800E+03			
20	.24910E+03	.12917E+02	.41121E+02	.80000E+01	.11540E+01
	.70000E+01	.35120E+02	.38700E+01	.00000E+00	.00000E+00
	.00000E+00	.00000E+00			
21	.20210E+03	.13100E+02	.41013E+02	.80000E+01	.62634E+00
	.78000E+01	.34864E+02	.25700E+01	.00000E+00	.00000E+00
	.00000E+00	.00000E+00			
22	.14840E+03	.15707E+02	.43756E+02	.80000E+01	.80938E+00
	.85000E+01	.35069E+02	.30600E+01	.00000E+00	.00000E+00
	.00000E+00	.00000E+00			
23	.10410E+03	.18054E+02	.46045E+02	.80000E+01	.93236E+00
	.95000E+01	.35045E+02	.31100E+01	.00000E+00	.00000E+00
	.00000E+00	.00000E+00			
24	.50500E+02	.21555E+02	.49586E+02	.80000E+01	.14529E+01
	.11000E+02	.35036E+02	.41200E+01	.00000E+00	.00000E+00
	.00000E+00	.00000E+00			
25	.83000E+01	.23653E+02	.51354E+02	.80000E+01	.19791E+01
	.13100E+02	.34753E+02	.47900E+01	.00000E+00	.00000E+00
	.00000E+00	.00000E+00			

W.S. DATA RECORD EDIT
INPUT ONE OF THE FOLLOWING CODES:
PR TO DISPLAY
ED TO EDIT
EN TO TERMINATE
? EN

WATER SAMPLE DATA RECORD FOR
SHIP WL CRUISE 907 STATION 11

W.S. DATA RECORD EDIT
INPUT ONE OF THE FOLLOWING CODES:
PR TO DISPLAY
ED TO EDIT
EN TO TERMINATE
? EN

STATION #?

12

*** CREATE WATER SAMPLE DATA RECORDS ***

INPUT W S DATA FOR SHIP WL CRUISE 907 STATION 12

INPUT DATA FOR 25 SCANS, 6 VARIABLES PER SCAN

SCAN 1 PR = 1? 0,0,0,0,0,03777
 SCAN 2 PR = 4599? 0,0,,,0300
 SCAN 3 PR = 4294? 34.719,4.48,,,0
 SCAN 4 PR = 4002? 34.721,4.44
 SCAN 5 PR = 3702? ,4.41
 SCAN 6 PR = 3402? 34.720,4.4
 SCAN 7 PR = 3099? 34.723,4.33
 SCAN 8 PR = 2903? 34.724,4.32
 SCAN 9 PR = 2693? 34.727,4.25
 SCAN 10 PR = 2400? 34.728,4.2
 SCAN 11 PR = 2099? 34.737,3.7\97
 SCAN 12 PR = 1802? 34.744,3.7
 SCAN 13 PR = 1503? ,3.33
 SCAN 14 PR = 1202? 34.733,2.37
 SCAN 15 PR = 1000? 34.714,2.94
 SCAN 16 PR = 804? 34.673,2.13
 SCAN 17 PR = 601? 34.713,2.08
 SCAN 18 PR = 502? 34.722,2.4
 SCAN 19 PR = 402? 34.773,3.26
 SCAN 20 PR = 300? 34.852,2.7
 SCAN 21 PR = 199? 34.802,2.39
 SCAN 22 PR = 151? 35.217,3.44
 SCAN 23 PR = 100? 35.373,4.7
 SCAN 24 PR = 49? 34.495,4.92
 SCAN 25 PR = 10? 34.492,4.95

W2?04
 STA 12
 WL907/12
 WJS DATA
 FILE W2?04

W.S. DATA RECORD EDIT

INPUT ONE OF THE FOLLOWING CODES:

PR TO DISPLAY
 ED TO EDIT
 EN TO TERMINATE
 ? EN

WATER SAMPLE DATA RECORD FOR

SHIP WL CRUISE 907 STATION 12

W.S. DATA RECORD EDIT

INPUT ONE OF THE FOLLOWING CODES:

PR TO DISPLAY
 ED TO EDIT
 EN TO TERMINATE
 ? EN
 CTDED ; STOP 0000

@

:UD,* ,0

@

:LI,U,1

NAME	TYPE	SCTRS	DISC	ORG	PROG	LIMITS	B.P.	LIMITS	ENTRY	LIBR.	PB
------	------	-------	------	-----	------	--------	------	--------	-------	-------	----

SUBCHAN=0

RRDWT	RB	00003	T046	000							
-------	----	-------	------	-----	--	--	--	--	--	--	--

FDLU	UM	00052	T046	003	16047	32425	00566	01153	16047	32425	
------	----	-------	------	-----	-------	-------	-------	-------	-------	-------	--

W2?04	BD	00083	T049	007							
-------	----	-------	------	-----	--	--	--	--	--	--	--

@

:PU,W2?04

W2?04

@

:UD,RK006,1

DISC GEN CODE 0309 NOT SYS GEN CODE 0001 ERR POSS

@

:DD,U,W2?04

@

:UD,* ,0

W2?04

@

INEDIT US	00015	T003	000	31351	34745	01077	01153	31351	34745
SEDIT US	00017	T003	015	31351	35230	01077	01152	31351	35230
FINIT US	00019	T005	000	31351	35656	01077	01157	31351	35656
LSTIN US	00015	T006	003	31351	34621	01077	01175	31351	34621
NXTAT US	00023	T007	002	31351	36716	01077	01200	31351	36716
ELABL US	00022	T008	009	31351	36540	01077	01231	31351	36540
WTSAM US	00024	T009	015	31351	37112	01077	01204	31351	37112
OULBL US	00021	T011	007	31351	36340	01077	01247	31351	36340
PREDT US	00023	T012	012	31351	36725	01077	01204	31351	36725
NOCOR US	00025	T014	003	31351	37040	01077	01346	31351	37040
CORCT US	00023	T015	012	31351	36464	01077	01354	31351	36464
TESFL BD	00059	T017	003						
CTID UM	00035	T020	014	21316	31155	00552	01235	21316	31155
CTLOG UM	00026	T023	001	21354	27020	00552	01233	21354	36507
CTLG1 US	00018	T024	011	27020	33071	01233	01331	27020	33071
CTLG2 US	00033	T025	013	27020	36507	01233	01442	27020	36507
W2?01 BD	00066	T027	014						
W2?04 BD	00083	T032	000						
W2?05 BD	00123	T037	003						
W2?06 BD	00123	T044	014						

790422

PR,CTLOG\\DED
CTDED VERSION 790214 HERE
WHO ARE YOU? JV
DATE (YR,MO,DA)? 79,4,22
LIST DEVICE? 1

CTDED PR
WS DATA ~~REC~~
WL907 ~~12230~~

OP. MODE? PR
NAME OF WORK FILE? W2?06
W.S. INPUT DEVICE? 1

WORKFILE ~~12230~~

CTDED, VERSION 05 ERROR LIST

W2206

OPERATOR JV DATE 79/ 4/22 OP. MODE PR
EDIT PARAMETERS ON DISK? NO

STA 22-30

*** CHECK EDIT PARAMETERS ***

EDIT PARAMETERS:
RECORD LIMITS 3 - 1000
MAXBAD = 5

VAR. NO.	ID	PROC.	REL. VAR.	CRIT.	USE WGT.
1		2		1.000	F
2		2		1.000	F
3		2		1.000	F
4		2		1.000	F
5		2		1.000	F
6		2		1.000	F
7		2		1.000	F
8		2		1.000	F
9		2		1.000	F
10		2		1.000	F
11		2		1.000	F
12		2		1.000	F
13		2		1.000	F
14		2		1.000	F
15		2		1.000	F
16		2		1.000	F
17		2		1.000	F
18		2		1.000	F
19		2		1.000	F
20		2		1.000	F

PRESSURE WEIGHT

50	10
1000	5
3000	2
5000	2

INPUT CHANGES:

TOP
IE 025011
@
IPR,CTDED
CTDED VERSION 790214 HERE
WHO ARE YOU? JV
DATE (YR,MO,DA)? 79,4,22
LIST DEVICE? 1

OP. MODE? PR

NAME OF WORK FILE? W2706

W.S. INPUT DEVICE? 1

CTDED, VERSION 05 ERROR LIST

OPERATOR JV DATE 79/ 4/22 OP. MODE PR

EDIT PARAMETERS ON DISK? Y

FILE NAME? W2704

*** CHECK EDIT PARAMETERS ***

EDIT PARAMETERS:

RECORD LIMITS 1 - 1203
START WHEN VAR 3 = .000000E+00
MAXBAD = 5

VAR. NO.	ID PROC.	REL. VAR.	CRIT.	USE WGT.
1	0		.600	F
2	0		.004	T
3	0		.008	T
4	0		1.000	F
5	0		.010	T
6	0		.400	F
7	0		.008	T
8	0		1.000	F
9	0		1.000	F
10	2		1.000	F
11	2		1.000	F
12	2		1.000	F
13	2		1.000	F
14	2		.000	F
15	2		1.000	F
16	2		1.000	F
17	2		1.000	F
18	2		1.000	F
19	2		1.000	F
20	2		1.000	F

PRESSURE WEIGHT

25	3
100	14
550	7
1500	4

INPUT CHANGES:

GO

EDIT PARAMETERS:

RECORD LIMITS 1 - 1203

START WHEN VAR 3 = .00000E+00
MAXBAD = 5

VAR. NO.	ID	PROC.	REL. VAR.	CRIT.	USE WST.
1		0		.600	F
2		0		.004	T
3		0		.008	T
4		0		1.000	F
5		0		.010	T
6		0		.400	F
7		0		.008	T
8		0		1.000	F
9		0		1.000	F
10		2		1.000	F
11		2		1.000	F
12		2		1.000	F
13		2		1.000	F
14		2		.000	F
15		2		1.000	F
16		2		1.000	F
17		2		1.000	F
18		2		1.000	F
19		2		1.000	F
20		2		1.000	F

PRESSURE WEIGHT

25	3
100	14
550	7
1500	4

W.S. SCALE FACTOR RECORD ON DISK? Y
FILE NAME? W2?05

ws SFR from w2305

*** EDIT W.S. SCALE FACTOR RECORD ***

	ID	NAME	UNITS	SENSOR	CAL DATE	LAG	QUAL	ECRIT
1	PR	PRESSURE	DBARS	0	78/ 8/ 9	15	0	0
2	TE	TEMP	DEG C	0	79/ 2/14	3	0	0
3	CO	COND	MILLIMOS	202	79/ 2/14	3	0	0
4	SW	SIGN WD	NONE	0	0/ 0/ 0	3	0	0
5	OC	OXY CUR	MICROAMPS	0	0/ 0/ 0	156	0	0
6	OT	OXY T	DEG C	0	0/ 0/ 0	156	0	0
7	SA	SALINITY	PPT	0	99/12/31	0	0	0
8	OX	OXYGEN	ML/L	0	99/12/31	0	0	0
9	SI	SILICATE	MGATM/L	0	99/12/31	0	0	0
10	NI	NITRATE	MATM/L	0	99/12/31	0	0	0
11	PH	PHOSPHAT	MGATM/L	0	99/12/31	0	0	0
12	QU	QUALITY	NONE	0	99/12/31	0	0	0

	ID	ATTR. 1	SLOPE	ENG. BIAS	T.CONST.	ATTR. 2
PR		.000000E+00	1.000000E-01	-.300000E+00	.000000E+00	.000000E+00
TE		.000000E+00	.499913E-03	.120000E-01	.180000E+00	.000000E+00
CO		.000000E+00	.998790E-03	.000000E+00	.000000E+00	.150000E-07
SW		.000000E+00	.100000E+01	.000000E+00	.000000E+00	.300000E+04
OC		.000000E+00	.143000E-02	.000000E+00	.000000E+00	.150000E-03
OT		.000000E+00	1.000000E-01	.000000E+00	.000000E+00	.000000E+00
SA		.000000E+00	1.000000E-03	.000000E+00	.000000E+00	.000000E+00
OX		.000000E+00	1.000000E-02	.000000E+00	.000000E+00	.000000E+00
SI		.000000E+00	1.000000E-01	.000000E+00	.000000E+00	.000000E+00
NI		.000000E+00	1.000000E-01	.000000E+00	.000000E+00	.000000E+00
PH		.000000E+00	1.000000E-03	.000000E+00	.000000E+00	.000000E+00
QU		.000000E+00	.100000E+01	.000000E+00	.000000E+00	.000000E+00

INPUT CHANGES:

60 CTD VAR TO USE = 6? ,
VAR ADDED = 6? ,
CREATE W.S. DATA RECORDS NOW? Y
STATION #? 22 WDS DATA
WLC907 #412
STA 22
W2306
*** CREATE WATER SAMPLE DATA RECORDS ***
INPUT W.S. DATA FOR SHIP WL CRUISE 907 STATION 22
INPUT DATA FOR 25 SCANS, 6 VARIABLES PER SCAN
SCAN 1 PR = 1? -1,-1,-1,-1,1
SCAN 2 PR = 5107? #####~
SCAN 3 PR = 4698? 34.714,4.69,135.4,34.4,2.34,0
SCAN 4 PR = 4402? 34.715,4.65,1.135.4,34.3,2.33,0
SCAN 5 PR = 4084? 34.715,-1,135.2,34.7,2.34,00200
SCAN 6 PR = 3800? 34.717,4.39,136.3,35.0,2.40,0
SCAN 7 PR = 3500? 34.719,4.32,136.0,4.34.9,2.40,0
SCAN 8 PR = 3202? 34.722,4.20,133.3,2.41\\34.9,2.41
SCAN 9 PR = 2998? 34.726,4.18,131.8,35.0,2.40,0
SCAN 10 PR = 2699? 34.727,4.16,128.6,35.1,2.41,0
SCAN 11 PR = 2398? 34.728,3.91,126.1,35.1,2.44,0
SCAN 12 PR = 2105? 34.729,3.73,123.4,35.5,2.52,0
SCAN 13 PR = 1805? 34.724,3.33,122.1,36.5,2.59,0
SCAN 14 PR = 1499? 34.708,2.78,118.6,37.4,2.71,0
SCAN 15 PR = 1201? 34.663,2.40,109.2,37.2,2.72,0
SCAN 16 PR = 1001? 34.655,2.25,100.5,36.9,2.69,0
SCAN 17 PR = 800? 34.657,2.11,87.7,36.5,2.65,0
SCAN 18 PR = 600? 34.663,2.17,36.0,35.1,2.48,0
SCAN 19 PR = 459? 34.704,2.74,42.5,30.7,2.04,0
SCAN 20 PR = 252? 34.731,2.34,37.2,27.1,1.80,0
SCAN 21 PR = 222? 34.814,2.63,31.4,23.9,1.54,0
SCAN 22 PR = 202? 34.638,2.32,34.1,22.7,1.66,0
SCAN 23 PR = 160? 35.109,3.35,17.0,12.5,1.86,0
SCAN 24 PR = 46? 34.606,5.40,2.4,0.,0.,0
SCAN 25 PR = 5? 34.341,5.04,2.4,0.,1,0
W.S. DATA RECORD EDIT
INPUT ONE OF THE FOLLOWING CODES:
PR TO DISPLAY
ED TO EDIT
EN TO TERMINATE
? ED
INPUT SCAN NO., VAR. NO., AND NEW VALUE
TERMINATE WITH -1
? 2,1,34.713
? 2,2,4.72
? 2,3,135.0
? 2,4,34.6
? 2,5,2.34
? 2,6,0
? -1
W.S. DATA RECORD EDIT
INPUT ONE OF THE FOLLOWING CODES:
PR TO DISPLAY
ED TO EDIT
EN TO TERMINATE
? PR
1 .12000E+01 .25259E+02 .14482E+00 .80000E+01 .27241E+01
.20500E+02 .64537E+02 .65437E+03 .65527E+04 .65527E+04
1.00000E+00 .00000E+00
2 .34700E+02 .47202E+01 .65456E+02 .35000E+02 .23395E+01
.00000E+00 .64537E+02 .65437E+03 .65527E+04 .65527E+04
1.00000E+00 .00000E+00
3 .46981E+04 .13263E+01 .31805E+02 .80000E+01 .30888E+00
.90000E+00 .34714E+02 .46900E+01 .13540E+03 .34400E+02

	.25400E+01	.00000E+00			
4	.44025E+04	.13193E+01	.31702E+02	.80000E+01	.32032E+00
	.10000E+01	.34715E+02	.46500E+01	.13540E+03	.34300E+02
	.23300E+01	.00000E+00			
5	.40842E+04	.13728E+01	.31642E+02	.80000E+01	.32684E+00
	.10000E+01	.34715E+02	.65437E+03	.13520E+03	.34700E+02
	.23400E+01	.12800E+03			
6	.38008E+04	.14368E+01	.31601E+02	.80000E+01	.33176E+00
	.10000E+01	.34717E+02	.43900E+01	.13630E+03	.35000E+02
	.24000E+01	.00000E+00			
7	.35008E+04	.15017E+01	.31551E+02	.80000E+01	.33891E+00
	.10000E+01	.34719E+02	.43200E+01	.13600E+03	.34900E+02
	.24000E+01	.00000E+00			
8	.32028E+04	.16047E+01	.31535E+02	.80000E+01	.34892E+00
	.11000E+01	.34722E+02	.42000E+01	.13330E+03	.34900E+02
	.24100E+01	.00000E+00			
9	.29989E+04	.16912E+01	.31536E+02	.80000E+01	.35893E+00
	.11000E+01	.34726E+02	.41800E+01	.13180E+03	.35000E+02
	.24000E+01	.00000E+00			
10	.26994E+04	.18547E+01	.31567E+02	.80000E+01	.37609E+00
	.11000E+01	.34727E+02	.41600E+01	.12860E+03	.35100E+02
	.24100E+01	.00000E+00			
11	.23984E+04	.20771E+01	.31649E+02	.80000E+01	.38324E+00
	.13000E+01	.34728E+02	.39100E+01	.12610E+03	.35100E+02
	.24400E+01	.00000E+00			
12	.21056E+04	.23926E+01	.31809E+02	.80000E+01	.37895E+00
	.16000E+01	.34729E+02	.37300E+01	.12340E+03	.35500E+02
	.25200E+01	.00000E+00			
13	.18055E+04	.29110E+01	.32141E+02	.80000E+01	.36608E+00
	.19000E+01	.34724E+02	.33300E+01	.12210E+03	.36500E+02
	.25900E+01	.00000E+00			
14	.14998E+04	.36979E+01	.32692E+02	.80000E+01	.33033E+00
	.22000E+01	.34708E+02	.27800E+01	.11860E+03	.37400E+02
	.27100E+01	.00000E+00			
15	.12014E+04	.45557E+01	.33293E+02	.80000E+01	.38888E+00
	.28000E+01	.34663E+02	.24000E+01	.10920E+03	.37200E+02
	.27200E+01	.00000E+00			
16	.10011E+04	.52371E+01	.33810E+02	.80000E+01	.31317E+00
	.33000E+01	.34655E+02	.22500E+01	.10050E+03	.36900E+02
	.26900E+01	.00000E+00			
17	.80080E+03	.62834E+01	.34676E+02	.80000E+01	.31460E+00
	.38000E+01	.34657E+02	.21100E+01	.87700E+02	.36500E+02
	.26500E+01	.00000E+00			
18	.60050E+03	.75062E+01	.35713E+02	.80000E+01	.36322E+00
	.47000E+01	.34663E+02	.21700E+01	.36000E+02	.35100E+02
	.24800E+01	.00000E+00			
19	.45990E+03	.89529E+01	.37025E+02	.80000E+01	.54769E+00
	.53000E+01	.34704E+02	.27400E+01	.42500E+02	.30700E+02
	.20400E+01	.00000E+00			
20	.25210E+03	.12221E+02	.40049E+02	.80000E+01	.52624E+00
	.68000E+01	.34731E+02	.23400E+01	.37200E+02	.27100E+02
	.18000E+01	.00000E+00			
21	.22210E+03	.13597E+02	.41442E+02	.80000E+01	.61347E+00
	.72000E+01	.34814E+02	.26300E+01	.31400E+02	.23900E+02
	.15400E+01	.00000E+00			
22	.20250E+03	.13885E+02	.41524E+02	.80000E+01	.58773E+00
	.79000E+01	.34638E+02	.23200E+01	.34100E+02	.22700E+02
	.16600E+01	.00000E+00			
23	.16060E+03	.17589E+02	.45696E+02	.80000E+01	.95238E+00
	.88000E+01	.35109E+02	.33500E+01	.17000E+02	.12500E+02
	.86000E+00	.00000E+00			
24	.46900E+02	.25723E+02	.53448E+02	.80000E+01	.21536E+01
	.11500E+02	.34606E+02	.54000E+01	.24000E+01	.00000E+00
	.00000E+00	.00000E+00			
25	.53000E+01	.28168E+02	.55470E+02	.80000E+01	.22236E+01
	.13700E+02	.34341E+02	.50400E+01	.24000E+01	.00000E+00

1.00000E-01 1.00000E+00

W.S. DATA RECORD EDIT

INPUT ONE OF THE FOLLOWING CODES:

PR TO DISPLAY

ED TO EDIT

EN TO TERMINATE

? ED

INPUT SCAN NO., VAR. NO., AND NEW VALUE

TERMINATE WITH -1

? 24,5,.1

? -1

W.S. DATA RECORD EDIT

INPUT ONE OF THE FOLLOWING CODES:

PR TO DISPLAY

ED TO EDIT

EN TO TERMINATE

? EN

WATER SAMPLE DATA RECORD FOR

SHIP WL CRUISE 907 STATION 22

W.S. DATA RECORD EDIT

INPUT ONE OF THE FOLLOWING CODES:

PR TO DISPLAY

ED TO EDIT

EN TO TERMINATE

? EN

STATION #?

WLC907 ~~11/21/71~~

23

STA 23

*** CREATE WATER SAMPLE DATA RECORDS ***

WS DATA

INPUT W.S. DATA FOR SHIP WL CRUISE 907 STATION 23

INPUT DATA FOR 24 SCANS, 6 VARIABLES PER SCAN

FILE W2206

SCAN 1	PR =	5403?	34.716,	4.77,	130.8,	34.8,	2.34,	0	
SCAN 2	PR =	4999?	34.718,	4.71,	131.2,	35.1,	2.37,	0	
SCAN 3	PR =	4598?	34.717,	4.68,	131.2,	35.2,	2.36,	0	
SCAN 4	PR =	4197?	34.722,	4.53,	132.1,	35.5,	2.42,	@0100	
SCAN 5	PR =	3798?	34.722,	4.41,	133.3,	35.8,	2.56,	0	
SCAN 6	PR =	3506?	34.723,	4.41,	133.5,	36.0,	2.45,	0	
SCAN 7	PR =	3205?	34.726,	4.23,	131.9,	35.7,	2.44,	0	
SCAN 8	PR =	2891?	34.730,	4.20,	131.4,	35.1,	2.39,	0	
SCAN 9	PR =	2703?	34.730,	4.13,	128.7,	35.0,	2.37,	0	
SCAN 10	PR =	2404?	34.733,	3.94,	126.3,	2.\\35.5,	2.40,	0	
SCAN 11	PR =	2100?	34.739,	3.66,	123.7,	35.6,	2.46,	0	
SCAN 12	PR =	1801?	34.734,	3.37,	121.3,	36.2,	2.55,	0	
SCAN 13	PR =	1500?	34.719,	2.79,	117.2,	37.0,	2.65,	0	
SCAN 14	PR =	1201?	34.677,	2.41,	112.0,	2.\\37.5,	2.73,	0	
SCAN 15	PR =	1000?	34.670,	2.23,	100.5,	37.0,	2.69,	0	
SCAN 16	PR =	800?	34.672,	2.10,	90.0,	36.6,	2.64,	0	
SCAN 17	PR =	598?	34.672,	-1,	67.1,	25.3,	2.49,	@0200	
SCAN 18	PR =	452?	34.700,	3.53,	32.1,	28.4,	1.82,	0	
SCAN 19	PR =	368?	34.784,	3.19,	33.8,	26.8,	1.74,	0	
SCAN 20	PR =	291?	34.807,	2.80,	35.7,	25,	\\7,	1.67,	0
SCAN 21	PR =	238?	35.009,	3.19,	25.7,	18.0,	1.27,	0	
SCAN 22	PR =	200?	35.043,	3.17,	22.6,	15.8,	1.11,	0	
SCAN 23	PR =	40?	34.716,	5.19,	2.7,	.2,	.08,	0	
SCAN 24	PR =	4?	34.,	\\422.,	4.89,	2.3,	.0,	.07,	0

W.S. DATA RECORD EDIT

INPUT ONE OF THE FOLLOWING CODES:

PR TO DISPLAY

ED TO EDIT

EN TO TERMINATE

?

? EN

EN TO TERMINATE

ED TO EDIT

PR TO DISPLAY

INPUT ONE OF THE FOLLOWING CODES:

W.S. DATA RECORD EDIT

? -1

? 19,1,34,785

TERMINATE WITH -1

INPUT SCAN NO., VAR. NO., AND NEW VALUE

? ED

INVALID CODE

ED

W.S. DATA RECORD EDIT
INPUT ONE OF THE FOLLOWING CODES:
PR TO DISPLAY
ED TO EDIT
EN TO TERMINATE
STATION #?

*** CREATE WATER SAMPLE DATA RECORDS ***

ST# 24

INPUT W.S. DATA FOR SHIP WL CRUISE 907 STATION 24

W.S. DATA

FILE W2306

INPUT DATA FOR 23 SCANS, 6 VARIABLES PER SCAN
SCAN 1 PR = 4827? 34.714,4.68,126.1,34.4,2.37,0
SCAN 2 PR = 4207? 34.714,4.63,127.2,2\34.5,2.38,0
SCAN 3 PR = 3900? -1,-1,123.6,35.0,2.45,@0300
SCAN 4 PR = 3602? 34.718,4.32,129.1,33.9,2.28,0
SCAN 5 PR = 3302? 34.722,4.26,127.4,35.1,2.46,0
SCAN 6 PR = 3101? 34.723,4.13,124.0,35.1,2.47,0
SCAN 7 PR = 2898? 34.725,4.21,125.0,34.8,2.45,0
SCAN 8 PR = 2699? -1,-1,123.0,34.8,2.45,@0300
SCAN 9 PR = 2400? 34.730,3.93,118.7,34.8,2.49,0
SCAN 10 PR = 2095? 34.733,3.76,118.4,35.5,2.56,0
SCAN 11 PR = 1787? 34.728,3.40,115.0,35.7,2.60,0
SCAN 12 PR = 1500? 34.709,2.88,110.8,36.5,2.69,0
SCAN 13 PR = 1201? 34.64\64,2.48,110.2,37.2,2.78,0
SCAN 14 PR = 999? 34.655,2.29,102.3,37.2,2.77,0
SCAN 15 PR = 799? 34.646,2.11,91.6,36.3,2.69,0
SCAN 16 PR = 602? 34.659,2.15,66.9,34.1,2.44,0
SCAN 17 PR = 398? 34.704,3.06,38.7,29.4,1.98,0
SCAN 18 PR = 336? 34.756,2.96,36.3,28.2,1.88,0
SCAN 19 PR = 279? 34.789,2.41,36.4,28.0,1.87,0
SCAN 20 PR = 200? 35.036,3.27,23.7,19.2,1.36,0
SCAN 21 PR = 172? 35.261,3.71,15.7,11.5,1.85,0
SCAN 22 PR = 49? 34.761,5.21,2.3,1.1,16,0
SCAN 23 PR = 5? 34.230,4.89,1.9,1.1,15,0

W.S. DATA RECORD EDIT
INPUT ONE OF THE FOLLOWING CODES:
PR TO DISPLAY
ED TO EDIT
EN TO TERMINATE

W2307/104

STATION #?

? EN

EN TO TERMINATE

ED TO EDIT

PR TO DISPLAY

INPUT ONE OF THE FOLLOWING CODES:

M.S. DATA RECORD EDIT

WATER SAMPLE DATA RECORD FOR

SHIP WL CRUISE 907 STATION 24

? EN

INVALID CODE

EN

*** CREATE WATER SAMPLE DATA RECORDS ***

25

INPUT W.S. DATA FOR SHIP WL CRUISE 907 STATION

INPUT DATA FOR 24 SCANS, 6 VARIABLES PER SCAN

SCAN 1 PR = 51767 34.718,4.74,130.2,33.6,2.21,0

SCAN 2 PR = 47977 34.718,4.71,130.7,34.5,2.32,0

SCAN 3 PR = 45957 34.719,4.71,130.7,35.0,2.36,0

SCAN 4 PR = 43987 34.719,4.70,131.6,34.8,2.35,0

SCAN 5 PR = 41987 34.718,4.59,131.9,34.6,2.34,0

SCAN 6 PR = 38987 34.720,4.51,132.8,34.6,2.35,0

SCAN 7 PR = 36007 34.724,4.28,132.5,35.2,2.39,0

SCAN 8 PR = 32997 34.726,4.28,132.9,35.2,2.39,0

SCAN 9 PR = 31017 34.726,4.24,131.6,34.9,2.39

SCAN 10 PR = 29007 -1,-1,34.4,-1,66700

SCAN 11 PR = 27037 34.730,4.17,127.1,35.1,2.41,0

SCAN 12 PR = 23997 34.733,4.04,124.8,35.1,2.42,0

SCAN 13 PR = 21017 34.737,3.77,122.8,35.3,2.48,0

SCAN 14 PR = 17997 34.739,3.47,119.6,35.9,2.55,0

SCAN 15 PR = 15027 34.715,2.86,113.9,36.9,2.66,0

SCAN 16 PR = 12057 34.670,2.48,110.1,37.1,2.71,0

SCAN 17 PR = 9997 34.665,2.24,101.5,36.7,2.68,0

SCAN 18 PR = 7997 34.660,2.15,91.3,36.3,2.60,0

SCAN 19 PR = 6007 34.664,2.19,67.1,35.3,2.45,0

SCAN 20 PR = 4027 34.707,2.85,40.8,29.5,1.84,09\

SCAN 21 PR = 3327 34.900,5.94,8.9,16.7,1.97,0

SCAN 22 PR = 1317 34.838,2.53,20.9,15.2,1.98,0

SCAN 23 PR = 527 34.707,5.25,3.1,0,06,0

SCAN 24 PR = 57 34.194,4.94,1.7,0,04,0

W.S. DATA RECORD EDIT

INPUT ONE OF THE FOLLOWING CODES:

PR TO DISPLAY

ED TO EDIT

EN TO TERMINATE

? ED

INPUT SCAN NO., VAR. NO., AND NEW VALUE

TERMINATE WITH -1

? 3,2,4.68

? -1

W.S. DATA RECORD EDIT

INPUT ONE OF THE FOLLOWING CODES:

PR TO DISPLAY

ED TO EDIT

EN TO TERMINATE

? EN

WATER SAMPLE DATA RECORD FOR

SHIP WL CRUISE 907 STATION 25

W.S. DATA RECORD EDIT

INPUT ONE OF THE FOLLOWING CODES:

PR TO DISPLAY

ED TO EDIT

EN TO TERMINATE

? EN

STATION #?

*** CREATE WATER SAMPLE DATA RECORDS ***

STA 26

FILE W2306

W5 DATA

STATION 25

INPUT W.S. DATA FOR SHIP WL CRUISE 907

INPUT DATA FOR 24 SCANS, 6 VARIABLES PER SCAN

SCAN 1 PR = 44887 34.719,4.69,131.2,34.5,2.29,0

SCAN 2 PR = 43017 34.719,4.61,131.5,34.5,2.29,0

SCAN 3 PR = 40907 34.718,4.51,132.2,34.6,2.32

SCAN 4 PR = 38987 34.719,4.41,133.0,35.3,2.37,0

W2307/2306

STA 25

W5 DATA

FILE W2306

SCAN 6 PR = 3300? 34,724,4,20,133,0,35,5,2,38
SCAN 7 PR = 3000? 34,726,4,09,130,0,35,4,2,36
SCAN 8 PR = 2701? 34,729,4,08,127,8,35,7,2,37
SCAN 9 PR = 2400? 34,733,3,98,125,1,35,7,2,37
SCAN 10 PR = 2099? 34,738,3,73,123,1,35,8,2,46
SCAN 11 PR = 1800? -1,-1,36,7,-1,86700
SCAN 12 PR = 1498? 34,722,2,91,117,9,37,1,2,64,0
SCAN 13 PR = 1198? 34,680,2,42,112,5,37,5,2,71
SCAN 14 PR = 1000? 34,658,2,28,105,5,37,3,2,69
SCAN 15 PR = 801? 34,659,2,12,94,6,36,9,2,64
SCAN 16 PR = 600? 34,664,2,44,61,9,35,1,2,45
SCAN 17 PR = 469? 34,647,3,92,28,8,28,1,1,77
SCAN 18 PR = 426? 34,703,3,22,36,3,28,6,1,82
SCAN 19 PR = 323? 34,894,4,62,16,8,19,7,1,20
SCAN 20 PR = 199? 35,033,3,23,23,7,16,9,1,16
SCAN 21 PR = 140? 35,243,4,14,13,8,10,7,7,71
SCAN 22 PR = 93? 34,828,2,50,16,4,13,8,89
SCAN 23 PR = 40? 34,802,5,00,3,6,0,,17
SCAN 24 PR = 2? 34,218,4,95,1,9,0,,05

W.S. DATA RECORD EDIT
INPUT ONE OF THE FOLLOWING CODES:
PR TO DISPLAY
ED TO EDIT
EN TO TERMINATE
?EN
INVALID CODE
? EN

WATER SAMPLE DATA RECORD FOR
SHIP WL CRUISE 907 STATION 26

W.S. DATA RECORD EDIT
INPUT ONE OF THE FOLLOWING CODES:
PR TO DISPLAY
ED TO EDIT
EN TO TERMINATE
? EN
INVALID CODE
? EN

STATION #?

*** CREATE WATER SAMPLE DATA RECORDS ***

INPUT W.S. DATA FOR SHIP WL CRUISE 907 STATION

INPUT DATA FOR 24 SCANS, 6 VARIABLES PER SCAN

SCAN 1 PR = 4613? 34,718,4,73,130,2,35,3,2,35
SCAN 2 PR = 4403? 34,717,-1,130,4,35,2,2,32,00200

FILE W2306

W2306

STA 26

W2306

SCAN 23 PR = 867 34,770,2,56,17,3,16,4,1,05,0
SCAN 24 PR = 17 34,201,4,78,2,2,0,,07,0

INPUT ONE OF THE FOLLOWING CODES:

PR TO DISPLAY

ED TO EDIT

EN TO TERMINATE

INPUT SCAN NO., VAR. NO., AND NEW VALUE

TERMINATE WITH -1

1,6,0

6,6,00200

-1

M.S. DATA RECORD EDIT

INPUT ONE OF THE FOLLOWING CODES:

PR TO DISPLAY

ED TO EDIT

EN TO TERMINATE

EN

WATER SAMPLE DATA RECORD FOR

SHIP WL CRUISE 907 STATION 27

M.S. DATA RECORD EDIT

INPUT ONE OF THE FOLLOWING CODES:

PR TO DISPLAY

ED TO EDIT

EN TO TERMINATE

EN

STATION #1

8

** CREATE WATER SAMPLE DATA RECORDS ***

INPUT M.S. DATA FOR SHIP WL CRUISE 907 STATION

28

INPUT DATA FOR 23 SCANS, 6 VARIABLES PER SCAN

SCAN 1 PR = 43717 34,718,4,80,128,4,34,1,2,39,0

SCAN 2 PR = 42907 34,718,4,58,130,8,34,4,2,40,0

SCAN 3 PR = 41917 34,719,4,50,132,1,34,9,2,47

SCAN 4 PR = 41017 34,721,4,37,130,3,35,1,2,49,0

SCAN 5 PR = 38027 34,723,4,11,131,9,34,9,2,49,0

SCAN 6 PR = 35017 34,726,4,01,135,0,35,4,2,51,0

SCAN 7 PR = 33047 34,727,3,99,133,7,35,6,2,51,0

SCAN 8 PR = 30057 34,730,1,131,1,35,4,2,52,00200

SCAN 9 PR = 27037 34,736,4,00,127,9,35,4,2,53,0

SCAN 10 PR = 23957 34,742,3,77,126,2,35,8,2,57,0

SCAN 11 PR = 20957 34,744,3,48,123,7,36,5,2,66,0

SCAN 12 PR = 17987 34,743,2,91,121,3,37,2,2,81,0

SCAN 13 PR = 14977 34,738,2,52,116,4,37,8,2,96,0

SCAN 14 PR = 12047 34,734,2,25,104,9,37,6,2,83,0

SCAN 15 PR = 9997 34,744,2,08,95,9,37,6,1,00400

SCAN 16 PR = 8017 34,759,1,86,73,2,37,0,2,73,0

SCAN 17 PR = 5967 34,782,2,18,50,4,34,2,2,42,0

SCAN 18 PR = 4767 34,818,2,30,34,5,31,3,2,28,0

SCAN 19 PR = 4087 34,881,2,35,31,8,31,1,2,03,0

SCAN 20 PR = 3757 34,885,2,55,29,9,30,1,1,92,0

SCAN 21 PR = 1607 34,821,1,89,34,9,30,5,2,00,1

SCAN 22 PR = 927 35,194,1,12,4,9,9,65,00200

SCAN 23 PR = 27 34,307,1,2,6,0,,10,00200

M.S. DATA RECORD EDIT

INPUT ONE OF THE FOLLOWING CODES:

PR TO DISPLAY

ED TO EDIT

EN TO TERMINATE

EN

FILE W0306

US DATA

W0307/28

1 hour was no
put in the files

TERMINATE WITH -1

? 15,6,e2000
? 21,1,34,742,
? 21,2,1,71
? 21,3,33,8
? 21,4,27,6,
? 21,5,1,76
? 21,6,0
? -1

W.S. DATA RECORD EDIT
INPUT ONE OF THE FOLLOWING CODES:
PR TO DISPLAY
ED TO EDIT
EN TO TERMINATE
? EN

WATER SAMPLE DATA RECORD FOR
SHIP WL CRUISE 907 STATION 28

W.S. DATA RECORD EDIT
INPUT ONE OF THE FOLLOWING CODES:
PR TO DISPLAY
ED TO EDIT
EN TO TERMINATE
? EN
STATION #?

*** CREATE WATER SAMPLE DATA RECORDS ***

WLC907/100A

STA 09

WLS DATA

File W2206

SCAN 1 PR = 1? -1,-1,-1,e7777
SCAN 2 PR = 4440? 34,718,4,49,133,6,34,4,2,46,0
SCAN 3 PR = 4300? 34,718,4,42,133,9,34,3,2,45,0
SCAN 4 PR = 4197? 34,718,4,38,134,5,34,6,2,48,0
SCAN 5 PR = 4003? 34,719,4,40,134,1,34,9,2,49,0
SCAN 6 PR = 3802? 34,719,-1,0,134,9,34,8,2,50,0
SCAN 7 PR = 3598? 34,720,4,29,134,6,34,7,2,50,0
SCAN 8 PR = 3399? 34,726,4,25,130,5,35,0,2,53,0
SCAN 9 PR = 3198? 34,724,3,93,132,2,2,51,1,2,51,0
SCAN 10 PR = 2799? 34,732,4,05,127,5,34,9,2,51,0
SCAN 11 PR = 2599? 34,736,3,92,126,6,35,2,2,54,0
SCAN 12 PR = 2395? 34,742,3,68,125,4,35,6,2,59,0
SCAN 13 PR = 2200? 34,743,3,54,124,7,35,6,2,61,0
SCAN 14 PR = 1796? 34,743,2,97,120,7,36,2,2,71,0
SCAN 15 PR = 1498? 34,733,2,57,114,8,36,8,2,79,0
SCAN 16 PR = 1201? 34,720,2,20,106,7,37,3,2,84,0
SCAN 17 PR = 1002? 34,718,2,00,98,5,36,9,2,82,0
SCAN 18 PR = 801? 34,741,1,86,75,1,36,3,2,74,0
SCAN 19 PR = 603? 34,728,1,98,55,1,35,0,2,55,0
SCAN 20 PR = 422? -1,-1,54,4,34,8,2,51,e0300
SCAN 21 PR = 262? 34,883,-1,33,0,30,1,2,03,0,e0200
SCAN 22 PR = 101? 35,081,-1,18,1,21,0,1,54,e0200
SCAN 23 PR = 21? -1,-1,-1,-1,-1,e7700
SCAN 24 PR = 5? -1,-1,-1,-1,-1,e7700

W.S. DATA RECORD EDIT

INPUT ONE OF THE FOLLOWING CODES:

PR TO DISPLAY

ED TO EDIT

EN TO TERMINATE

? EN

WATER SAMPLE DATA RECORD FOR

SHIP WL CRUISE 907 STATION 29

W.S. DATA RECORD EDIT
INPUT ONE OF THE FOLLOWING CODES:
PR TO DISPLAY
ED TO EDIT
EN TO TERMINATE
? EN
STATION #?

*** CREATE WATER SAMPLE DATA RECORDS ***

INPUT W.S. DATA FOR SHIP WL CRUISE 907 STATION 30
INPUT DATA FOR 24 SCANS, 6 VARIABLES PER SCAN

SCAN 1 PR = 45467 34.727,4.48,129.9,34.3,2.39,0
SCAN 2 PR = 45037 34.717,-1.134,9,34.5,2.41,00200
SCAN 3 PR = 44017 34.720,4.47,135.2,34.4,2.42,0
SCAN 4 PR = 43017 34.717,-1.133,7,34.4,2.44,00200
SCAN 5 PR = 42007 34.717,4.47,137.1,34.9,2.45,0
SCAN 6 PR = 41057 34.718,4.45,137.6,34.8,2.44,0
SCAN 7 PR = 37997 34.719,4.26,138.7,34.8,2.46,0
SCAN 8 PR = 34997 34.721,4.22,134.5,34.7,2.43,0
SCAN 9 PR = 32047 34.727,4.16,132.1,34.7,2.44,-10
SCAN 10 PR = 29897 34.729,4.07,130.3,34.7,2.47,0
SCAN 11 PR = 26997 34.729,-1.1,34.7,2.48,00600
SCAN 12 PR = 23977 34.737,3.78,125.1,35.0,2.50,0
SCAN 13 PR = 20997 34.743,3.49,122.3,35.5,2.56,0
SCAN 14 PR = 17897 34.737,3.10,119.7,36.1,2.64,0
SCAN 15 PR = 14987 34.739,2.49,115.8,36.6,2.74,0
SCAN 16 PR = 12027 34.702,2.19,108.2,36.9,2.78,0
SCAN 17 PR = 9997 34.702,2.15,100.0,37.1,2.81,0
SCAN 18 PR = 7987 34.742,1.92,74.6,36.6,3.77,0
SCAN 19 PR = 5917 34.771,2.58,51.5,33.2,2.40,0
SCAN 20 PR = 4017 34.855,2.68,26.9,27.2,1.73,0
SCAN 21 PR = 2107 34.721,2.11,37.5,24.9,1.92,0
SCAN 22 PR = 997 35.306,3.80,10.9,8.2,1.61,0
SCAN 23 PR = 427 34.764,-1.3,9.0,15,00200
SCAN 24 PR = 17 34.224,-1.2,4,0,15,00200

W.S. DATA
STA 30
FILE W2306

W.S. DATA RECORD EDIT
INPUT ONE OF THE FOLLOWING CODES:
PR TO DISPLAY
ED TO EDIT
EN TO TERMINATE
? EN
INPUT SCAN NO., VAR. NO., AND NEW VALUE
TERMINATE WITH -1
? 6,5,2.44
? -1
W.S. DATA RECORD EDIT
INPUT ONE OF THE FOLLOWING CODES:
PR TO DISPLAY
ED TO EDIT
EN TO TERMINATE
? EN
WATER SAMPLE DATA RECORD FOR
SHIP WL CRUISE 907 STATION 30

W.S. DATA RECORD EDIT
INPUT ONE OF THE FOLLOWING CODES:
PR TO DISPLAY
ED TO EDIT
EN TO TERMINATE
? EN
CLOSED : STOP 0000

79 04 27

WL 907

WL 907

WL 907

WS DATA

WS DATA

PR, CTDED

STA 31-39

CTDED VERSION 790214 HERE
 WHO ARE YOU? RM
 DATE (YR,MO,DA)? 79,4,27
 LIST DEVICE? 1

WORKFILE W2307

OP. MODE? PR

*

IGNORED

NAME OF WORK FILE? W2707

W.S. INPUT DEVICE? 1

CTDED, VERSION 05 ERROR LIST

OPERATOR RM DATE 79/ 4/27 OP. MODE PR
 EDIT PARAMETERS ON DISK? YE
 FILE NAME? W2706

*** CHECK EDIT PARAMETERS ***

EDIT PARAMETERS:

RECORD LIMITS 1 = 1203
 START WHEN VAR 3 = .000000E+00
 MAXBAD = 5

VAR. NO.	ID	PROC.	REL. VAR.	CRIT.	USE WGT.
1		0		.600	F
2		0		.004	T
3		0		.008	T
4		0		1.000	F
5		0		.010	T
6		0		.400	F
7		0		.008	T
8		0		1.000	F
9		0		1.000	F
10		2		1.000	F
11		2		1.000	F
12		2		1.000	F
13		2		1.000	F
14		2		.000	F
15		2		1.000	F
16		2		1.000	F
17		2		1.000	F
18		2		1.000	F
19		2		1.000	F
20		2		1.000	F

PRESSURE	WEIGHT
25	3
100	14
550	7
1500	4

INPUT CHANGES:

GO

EDIT PARAMETERS:

RECORD LIMITS 1 - 1203

START WHEN VAR 3 = .000000E+00
MAXBAD = 5

VAR. NO.	ID	PROC.	REL. VAR.	CRIT.	USE WGT.
1		0		.600	F
2		0		.004	T
3		0		.008	T
4		0		1.000	F
5		0		.010	T
6		0		.400	F
7		0		.008	T
8		0		1.000	F
9		0		1.000	F
10		2		1.000	F
11		2		1.000	F
12		2		1.000	F
13		2		1.000	F
14		2		.000	F
15		2		1.000	F
16		2		1.000	F
17		2		1.000	F
18		2		1.000	F
19		2		1.000	F
20		2		1.000	F

PRESSURE	WEIGHT
25	3
100	14
550	7
1500	4

W.S. SCALE FACTOR RECORD ON DISK? YE

FILE NAME? W2706

WSSFR from W2306

*** EDIT W.S. SCALE FACTOR RECORD ***

	ID	NAME	UNITS	SENSOR	CAL DATE	LAG	QUAL	ECRIT
1	PR	PRESSURE	DBARS	0	78/ 8/ 9	15	0	0
2	TE	TEMP	DEG C	0	79/ 2/14	3	0	0
3	CO	COND	MILLIMHOS	202	79/ 2/14	3	0	0
4	SW	SIGN WD	NONE	0	0/ 0/ 0	3	0	0
5	OC	OXY CUR	MICROAMPS	0	0/ 0/ 0	156	0	0
6	OT	OXY T	DEG C	0	0/ 0/ 0	156	0	0
7	SA	SALINITY	PPT	0	99/12/31	0	0	0
8	OX	OXYGEN	ML/L	0	99/12/31	0	0	0
9	SI	SILICATE	MGATM/L	0	99/12/31	0	0	0
10	NI	NITRATE	MATM/L	0	99/12/31	0	0	0
11	PH	PHOSPHAT	MGATM/L	0	99/12/31	0	0	0
12	QU	QUALITY	NONE	0	99/12/31	0	0	0

	ID	ATTR. 1	SLOPE	ENG. BIAS	T.CONST.	ATTR. 2
PR	.000000E+00	1.000000E-01	-.300000E+00	.000000E+00	.000000E+00	.000000E+00
TE	.000000E+00	.499913E-03	.120000E-01	.180000E+00	.000000E+00	.000000E+00
CO	.000000E+00	.998790E-03	.000000E+00	.000000E+00	.150000E-07	.000000E+00
SW	.000000E+00	.100000E+01	.000000E+00	.000000E+00	.300000E+04	.000000E+00
OC	.000000E+00	.143000E-02	.000000E+00	.000000E+00	.150000E-03	.000000E+00
OT	.000000E+00	1.000000E-01	.000000E+00	.000000E+00	.000000E+00	.000000E+00
SA	.000000E+00	1.000000E-03	.000000E+00	.000000E+00	.000000E+00	.000000E+00
OX	.000000E+00	1.000000E-02	.000000E+00	.000000E+00	.000000E+00	.000000E+00
SI	.000000E+00	1.000000E-01	.000000E+00	.000000E+00	.000000E+00	.000000E+00
NI	.000000E+00	1.000000E-01	.000000E+00	.000000E+00	.000000E+00	.000000E+00
PH	.000000E+00	1.000000E-03	.000000E+00	.000000E+00	.000000E+00	.000000E+00
QU	.000000E+00	.100000E+01	.000000E+00	.000000E+00	.000000E+00	.000000E+00

INPUT CHANGES:

CTD VAR TO USE = 6? 6
VAR ADDED = 6? 6

CREATE W.S. DATA RECORDS NOW? YE
STATION #?

31

*** CREATE WATER SAMPLE DATA RECORDS ***

INPUT W.S. DATA FOR SHIP WL CRUISE 907 STATION 31

INPUT DATA FOR 25 SCANS, 6 VARIABLES PER SCAN

SCAN 1 PR = 1? -1,-1,-1,-1,-1,@7777\00
SCAN 2 PR = 4751? 34.719,4.61,136.7,35.1,2.55,0
SCAN 3 PR = 4498? 34.\#\#
-1,4.56,136.9,35.6,2.55,0\@400
SCAN 4 PR = 6193? 34.719,4.54,137.5,35.6,2.56,@1
SCAN 5 PR = 4097? 34.720,4.48,138.5,35.5,2.57,0
SCAN 6 PR = 3900? 34.\-1,4.23,136.7,35.6,2.58,@400
SCAN 7 PR = 3597? 34.725,4.27,138.9,36.1,2.59,0
SCAN 8 PR = 3301? 34.728,4.16,136.7,2.61,\#\#\36.1,2.61,
SCAN 9 PR = 3000? 34.732,4.1,133.8,35.8,2.61,
SCAN 10 PR = 2701? 34.734,4.,130,2.62,\#\#\35.8,2.62,
SCAN 11 PR = 2399? 34.743,3.7,128.3,36.6,2.71,0
SCAN 12 PR = 2104? 34.745,3.54,123.9,36.8,2.71,
SCAN 13 PR = 1802? 34.746,-1,121.1,2\37.4,2.81,0
SCAN 14 PR = 1501? 34.737,2.59,115,38.1,2.89,0
SCAN 15 PR = 1301? 34.713,2.31,109.4,38.7,2.93,0
SCAN 16 PR = 1095? 34.73,1.98,99.6,38.8,2.93,
SCAN 17 PR = 961? 34.711,1.99,93.2,38,2.89,0
SCAN 18 PR = 801? 34.760,1.68,76.1,37.8,2.85
SCAN 19 PR = 603? 34.798,2.09,54,36.4,2.74,0
SCAN 20 PR = 442? 34.858,1.84,32.2,32.6,2.29,0
SCAN 21 PR = 269? 34.919,1.72,28.1,30,\2,2.15,
SCAN 22 PR = 180? 34.811,1.72,30.1,28.4,2.04,
SCAN 23 PR = 91? 35.091,1.68,14.7,22.4,1.59
SCAN 24 PR = 51? 35.198,2.05,9.7,17.5,1.27
SCAN 25 PR = 6? 34.366,4.82,1.4,-1,.26,@1@1000

WL907/KAM

00000000

STA 31

WS DATA

W2307

W.S. DATA RECORD EDIT

INPUT ONE OF THE FOLLOWING CODES:

PR TO DISPLAY
ED TO EDIT
EN TO TERMINATE
? ED

INPUT SCAN NO., VAR. NO., AND NEW VALUE
TERMINATE WITH -1

?

21,10,30.2
? 4,1,4298.8
? ,2,1.357
? ,3,31.755
? ,5,.226
? 6

4,6,1.2
? 13,12,@400
13,12,@200
? 3,,@100
? 6,,@100
? -1

W.S. DATA RECORD EDIT

INPUT ONE OF THE FOLLOWING CODES:

PR TO DISPLAY
ED TO EDIT
EN TO TERMINATE
?

ED
INPUT SCAN NO., VAR. NO., AND NEW VALUE
TERMINATE WITH -1

? 10,11,2.62

? -1

W.S. DATA RECORD EDIT

INPUT ONE OF THE FOLLOWING CODES:

PR TO DISPLAY

ED TO EDIT

EN TO TERMINATE

? PR

WL 907/31

WL 907

STA 31

WL 907/31

STA 31

WL 907/31

1	.17000E+01	.25914E+02	.22673E+00	.80000E+01	.27313E+01
	.21800E+02	.64537E+02	.65437E+03	.65527E+04	.65527E+04
	.64537E+02	.32704E+05			
2	.47513E+04	.13778E+01	.31873E+02	.80000E+01	.30888E+00
	.11000E+01	.34719E+02	.46100E+01	.13670E+03	.35100E+02
	.25500E+01	.00000E+00			
3	.44984E+04	.13663E+01	.31781E+02	.80000E+01	.31889E+00
	.10000E+01	.64537E+02	.45600E+01	.13690E+03	.35600E+02
	.25500E+01	.64000E+02			
4	.42988E+04	.13568E+01	.31755E+02	.12400E+03	.22594E+00
	.12000E+01	.34719E+02	.45400E+01	.13750E+03	.35600E+02
	.25600E+01	.10000E+01			
5	.40974E+04	.13808E+01	.31660E+02	.80000E+01	.32890E+00
	.10000E+01	.34720E+02	.44800E+01	.13850E+03	.35500E+02
	.25700E+01	.00000E+00			
6	.39003E+04	.13983E+01	.31606E+02	.80000E+01	.33319E+00
	.10000E+01	.64537E+02	.42300E+01	.13670E+03	.35600E+02
	.25800E+01	.64000E+02			
7	.35970E+04	.14567E+01	.31552E+02	.80000E+01	.34177E+00
	.10000E+01	.34725E+02	.42700E+01	.13890E+03	.36100E+02
	.25900E+01	.00000E+00			
8	.33016E+04	.15757E+01	.31551E+02	.80000E+01	.35035E+00
	.11000E+01	.34728E+02	.41600E+01	.13670E+03	.36100E+02
	.26100E+01	.00000E+00			
9	.30000E+04	.17087E+01	.31558E+02	.80000E+01	.36036E+00
	.11000E+01	.34732E+02	.41000E+01	.13380E+03	.35800E+02
	.26100E+01	.00000E+00			
10	.27018E+04	.18717E+01	.31590E+02	.80000E+01	.37180E+00
	.13000E+01	.34734E+02	.40000E+01	.13000E+03	.35800E+02
	.26200E+01	.00000E+00			
11	.23993E+04	.21541E+01	.31726E+02	.80000E+01	.36894E+00
	.15000E+01	.34743E+02	.37000E+01	.12830E+03	.36600E+02
	.27100E+01	.00000E+00			
12	.21042E+04	.24456E+01	.31865E+02	.80000E+01	.36894E+00
	.16000E+01	.34745E+02	.35400E+01	.12390E+03	.36800E+02
	.27100E+01	.00000E+00			
13	.18022E+04	.30295E+01	.32257E+02	.80000E+01	.35035E+00
	.18000E+01	.34746E+02	.65437E+03	.12110E+03	.37400E+02
	.28100E+01	.12800E+03			
14	.15016E+04	.38398E+01	.32844E+02	.80000E+01	.31889E+00
	.23000E+01	.34737E+02	.25900E+01	.11500E+03	.38100E+02
	.28900E+01	.00000E+00			
15	.13012E+04	.45202E+01	.33347E+02	.80000E+01	.38030E+00
	.27000E+01	.34713E+02	.23100E+01	.10940E+03	.38700E+02
	.29300E+01	.00000E+00			
16	.10956E+04	.53651E+01	.34034E+02	.80000E+01	.27885E+00
	.33000E+01	.34730E+02	.19800E+01	.99600E+02	.38800E+02
	.29300E+01	.00000E+00			
17	.96160E+03	.58395E+01	.34390E+02	.80000E+01	.28457E+00
	.37000E+01	.34711E+02	.19900E+01	.93200E+02	.38000E+02
	.28900E+01	.00000E+00			
18	.80120E+03	.68838E+01	.35310E+02	.80000E+01	.26598E+00
	.42000E+01	.34760E+02	.16800E+01	.76100E+02	.37800E+02
	.28500E+01	.00000E+00			

	.50000E+01	.34798E+02	.20900E+01	.54000E+02	.36400E+02
	.27400E+01	.00000E+00			
20	.44280E+03	.96333E+01	.37801E+02	.80000E+01	.40469E+00
	.57000E+01	.34858E+02	.18400E+01	.32200E+02	.32600E+02
	.22900E+01	.00000E+00			
21	.26940E+03	.11476E+02	.39535E+02	.80000E+01	.37180E+00
	.68000E+01	.34919E+02	.17200E+01	.28100E+02	.30200E+02
	.21500E+01	.00000E+00			
22	.18090E+03	.12882E+02	.40723E+02	.80000E+01	.38038E+00
	.76000E+01	.34811E+02	.17200E+01	.30100E+02	.28400E+02
	.20400E+01	.00000E+00			
23	.91900E+02	.18358E+02	.46404E+02	.80000E+01	.49764E+00
	.89000E+01	.35091E+02	.16800E+01	.14700E+02	.22400E+02
	.15900E+01	.00000E+00			
24	.51300E+02	.21368E+02	.49576E+02	.80000E+01	.68783E+00
	.10700E+02	.35198E+02	.20500E+01	.97000E+01	.17500E+02
	.12700E+01	.00000E+00			
25	.65000E+01	.28450E+02	.55792E+02	.80000E+01	.23037E+01
	.12600E+02	.34366E+02	.48200E+01	.14000E+01	.65527E+04
	.26000E+00	.10000E+01			

W.S. DATA RECORD EDIT

INPUT ONE OF THE FOLLOWING CODES:

WL907/31

PR TO DISPLAY

ED TO EDIT

EN TO TERMINATE

? EN

WATER SAMPLE DATA RECORD FOR

SHIP WL CRUISE 907 STATION 31

W.S. DATA RECORD EDIT

INPUT ONE OF THE FOLLOWING CODES:

PR TO DISPLAY

ED TO EDIT

EN TO TERMINATE

? EN

STATION #?

WL907/32

WS DATA

W2307

*** CREATE WATER SAMPLE DATA RECORDS ***

INPUT W.S. DATA FOR SHIP WL CRUISE 907 STATION 32

INPUT DATA FOR 25 SCANS, 6 VARIABLES PER SCAN

SCAN 1 PR = 0? -1.8

-1,-1,-1,-1,-1,0777

SCAN 2 PR = 4259? 34.719,4.41,142,2.54\\35.5,2.54,0

SCAN 3 PR = 4176? -1,4.39,142.4,35.7,2.55,0

SCAN 4 PR = 4100? 34.721,4.37,142.2,36,2.58

SCAN 5 PR = 3901? ,,,,,,,,,,,,,,

34.719,4.41,142.6,36,2.6

SCAN 6 PR = 3703? 34.719,432,141.6,35.7,2.59

SCAN 7 PR = 3500? 34.723,4.7\27,142.6,36.4,2.62

SCAN 8 PR = 3301? -1,-1,126,34.7,2.49,0300

SCAN 9 PR = 3101? 34.728,4.11,137.9,36.2,2.62,0

SCAN 10 PR = 2903? 34.730,4.04,135.4,36,2.61,0

SCAN 11 PR = 2702? 34.734,3.97,132.5,35.9,2.62

SCAN 12 PR = 2405? 34.746,3.74,131.9,37.5,2.73,0

SCAN 13 PR = 2096? 34.752,3.43,127.3,37.42,77,0\\37.4,2.77,0

SCAN 14 PR = 1794? 34.759,-1,122.4,38,284,0200

SCAN 15 PR = 1500? 34.751,2.63,115.2,38,2.89,0

SCAN 16 PR = 1202? 34.766,2.1,103.3,38.9,2.96,0

SCAN 17 PR = 999? 34.738,2.02,96.8,38.8,2.95,0

SCAN 18 PR = 798? 34.760,1.7,79.9,37.8,2.87,0

SCAN 19 PR = 600? 34.883,1.89,57.9,36.3,2.69,0

SCAN 20 PR = 402? 34.869,1.88,31,32,2.24,0

00907/32

WS DATA

SCAN 22 PR = 1027 34,949,1,6,19,2\3,24,4,1,73,0

SCAN 23 PR = 504 35,183,2,07,10,2,17,3,1,31

SCAN 24 PR = 297 35,101,4,58,4,9,2,9,52,0

SCAN 25 PR = 64 34,588,4,8,2,2,0,3\,32,0

M'S, DATA RECORD EDIT

INPUT ONE OF THE FOLLOWING CODES:

PR TO DISPLAY

ED TO EDIT

EN TO TERMINATE

2 PR

1,9000E+00,26618E+02,94885E-01,80000E+01,28443E+01,65527E+04

2,2120E+02,64537E+02,65437E+03,65527E+04,32032E+00,80000E+01

2,42591E+04,13848E+01,34715E+02,44100E+01,14200E+03,35500E+02

3,25400E+01,00000E+00,13893E+01,31693E+02,80000E+01,32175E+00

3,41765E+04,13893E+01,64537E+02,42900E+01,14240E+03,35700E+02

4,25500E+01,00000E+00,13883E+01,31667E+02,80000E+01,32461E+00

4,4106E+04,13883E+01,34721E+02,43700E+01,14220E+03,36000E+02

5,25800E+01,00000E+00,13833E+01,31594E+02,80000E+01,33176E+00

5,39017E+04,13833E+01,34719E+02,44100E+01,14260E+03,36000E+02

6,26000E+01,00000E+00,14053E+01,31544E+02,80000E+01,33891E+00

6,37034E+04,14053E+01,34719E+02,43200E+03,14160E+03,35700E+02

7,25900E+01,00000E+00,14552E+01,31516E+02,80000E+01,34463E+00

7,35000E+04,14552E+01,34723E+02,42700E+01,14260E+03,36400E+02

8,26200E+01,00000E+00,15342E+01,31514E+02,80000E+01,35178E+00

8,32016E+04,15342E+01,64537E+02,65437E+03,12600E+03,34700E+02

9,24900E+01,19200E+03,16337E+01,31529E+02,80000E+01,35464E+00

9,31012E+04,16337E+01,34728E+02,41100E+01,13790E+03,36200E+02

10,29034E+04,17252E+01,31537E+02,80000E+01,35893E+00

10,12000E+01,34730E+02,40400E+01,13540E+03,36000E+02

11,26100E+01,00000E+00,18442E+01,31566E+02,80000E+01,37037E+00

11,27024E+04,18442E+01,34734E+02,39700E+01,13250E+03,35900E+02

12,26200E+01,00000E+00,21161E+01,31696E+02,80000E+01,36322E+00

12,24056E+04,21161E+01,34746E+02,37400E+01,13190E+03,37500E+02

13,27300E+01,00000E+00,27300E+01,34746E+02,80000E+01,37500E+02

14,17944E+04,30805E+01,32314E+02,80000E+01,34034E+00

14,18000E+01,34759E+02,65437E+03,12240E+03,38000E+02

15,65535E+02,12800E+03,37603E+01,32785E+02,80000E+01,32175E+00

15,23800E+01,34751E+02,26300E+01,11528E+03,38800E+02

16,28900E+01,00000E+00,49826E+01,33765E+02,80000E+01,27885E+00

16,12029E+04,49826E+01,34766E+02,21000E+01,10330E+03,38900E+02

17,29960E+03,55700E+01,34187E+02,80000E+01,27885E+00

17,34800E+01,34738E+02,28200E+01,96800E+02,38800E+02

18,29500E+01,00000E+00,67068E+01,35146E+02,80000E+01,26169E+00

18,39000E+01,34760E+02,17000E+01,79900E+02,37800E+02

19,60060E+03,80716E+01,36363E+02,80000E+01,27885E+00

2,28700E+01,00000E+00

2,29500E+01,00000E+00

2,34800E+01,34738E+02,28200E+01,96800E+02,38800E+02

2,34800E+01,34738E+02,28200E+01,96800E+02,38800E+02

2,34800E+01,34738E+02,28200E+01,96800E+02,38800E+02

2,34800E+01,34738E+02,28200E+01,96800E+02,38800E+02

2,34800E+01,34738E+02,28200E+01,96800E+02,38800E+02

20	26900E+01	00000E+00	98228E+01	37976E+02	80000E+01	40469E+00	57000E+01	34869E+02	18800E+01	31000E+02	32000E+02
21	30080E+03	10786E+02	38868E+02	80000E+01	38753E+00	30500E+02	30500E+02	19400E+01	29300E+02	80000E+01	40898E+00
22	10280E+03	16672E+02	44559E+02	80000E+01	24400E+02	40898E+00	40898E+00	19300E+02	19300E+02	80000E+01	40898E+00
23	50200E+02	20729E+02	48916E+02	80000E+01	71929E+00	50200E+02	50200E+02	16000E+01	19300E+02	80000E+01	71929E+00
24	29100E+02	23773E+02	51976E+02	80000E+01	16188E+01	29100E+02	29100E+02	35101E+02	49000E+01	80000E+01	16188E+01
25	69000E+01	28419E+02	56083E+02	80000E+01	22365E+01	69000E+01	69000E+01	28419E+02	80000E+01	22365E+01	22365E+01
	32000E+00	00000E+00	34588E+02	48000E+01	22000E+01	00000E+00	00000E+00	34588E+02	48000E+01	22000E+01	00000E+00

W.S. DATA RECORD EDIT
INPUT ONE OF THE FOLLOWING CODES:
PR TO DISPLAY
ED TO EDIT
EN TO TERMINATE
? EN

WATER SAMPLE DATA RECORD FOR
SHIP WL CRUISE 907 STATION 32

WLR07/32 STATION 32

W.S. DATA RECORD EDIT

INPUT ONE OF THE FOLLOWING CODES:

PR TO DISPLAY

ED TO EDIT

EN TO TERMINATE

? EN

STATION 32

** CREATE WATER SAMPLE DATA RECORDS **

WLR07/32

INPUT W.S. DATA FOR SHIP WL CRUISE 907 STATION 33

INPUT DATA FOR 24 SCANS, 6 VARIABLES PER SCAN

SCAN 1 PR = 45367 34.721, 4.49, 137.5, 27.2, 2.48, 0

SCAN 2 PR = 45007 34.718, 4.49, 137.9, 26.9, 2.47, 0

SCAN 3 PR = 43997 34.717, 4.48, 137.9, 34.8, 2.46, 0

SCAN 4 PR = 42987 34.718, 4.45, 2139.3, 35.4, 2.52, 0

SCAN 5 PR = 42027 34.718, 4.4, 140.6, 35.2, 2.48, 0

SCAN 6 PR = 41017 34.718, 4.42, 1342.8, 35.4, 2.51, 0

SCAN 7 PR = 38007 -1, -1, 134.6, 35.2, 2.51, 8300

SCAN 8 PR = 34017 34.724, 4.11, 139.8, 36.1, 2.58, 0

SCAN 9 PR = 30037 34.73, 4.02, 136.5, 35.6, 2.54, 0

SCAN 10 PR = 26017 34.74, 3.83, 134.4, 36.2, 2.65, 0

SCAN 11 PR = 22007 34.753, 3.47, 129.2, 36.9, 2.69, 1

SCAN 12 PR = 17967 34.768, 3.04, 120.9, 37.8, 2.82, 0

SCAN 13 PR = 15007 34.78, 2.58, 113.9, 38.4, 2.85, 0

SCAN 14 PR = 12017 34.778, 2.11, 105.1, 38.7, 2.95, 0

SCAN 15 PR = 10007 34.76, 1.82, 94.8, 38.6, 2.9, 0

SCAN 16 PR = 8037 34.8, 1.62, 77.6, 38.6, 2.91, 8200

SCAN 17 PR = 6017 34.84, 1.66, 51.7, 35.9, 2.61, 0

SCAN 18 PR = 4327 34.89, 2.64, 30.1, 30.6, 2.14, 0

SCAN 19 PR = 2797 34.965, 1.75, 25.4, 9.29, 4.2, 0.4

SCAN 20 PR = 2007 34.951, 1.72, 26.7, 29.2, 2.09, 0

SCAN 21 PR = 1707 34.924, 1.62, 26.3, 28.1, 1.96, 0

SCAN 22 PR = 1287 35.043, 1.88, 18.8, 22.7, 1.2, 63, 0

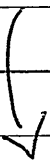
SCAN 23 PR = 527 35.205, 3.58, 7.3, 9.2, 1.80, 0

00000000

00000000

00000000

00000000



SCAN 24 PR = 57 54.188,473,1.1,27,

M.S. DATA RECORD EDIT

INPUT ONE OF THE FOLLOWING CODES:

PR TO DISPLAY

ED TO EDIT

EN TO TERMINATE

? ED

INPUT SCAN NO., VAR. NO., AND NEW VALUE

TERMINATE WITH -1

? 1,10,34.8

? 2,34.5

? -1

M.S. DATA RECORD EDIT

INPUT ONE OF THE FOLLOWING CODES:

PR TO DISPLAY

ED TO EDIT

EN TO TERMINATE

? PR

1	45363E+04	13483E+01	3178E+02	80000E+01	31746E+00
2	24800E+01	00000E+00	13468E+01	31766E+02	80000E+01
	45009E+04	34721E+02	44900E+01	13750E+03	34800E+02
	10000E+01	34718E+02	44900E+01	13790E+03	34500E+02
3	4395E+04	13513E+01	31736E+02	80000E+01	32032E+00
	10000E+01	34717E+02	44800E+01	13790E+03	34800E+02
	24600E+01	00000E+00	31725E+02	80000E+01	32318E+00
4	42985E+04	13773E+01	31725E+02	80000E+01	32318E+00
	10000E+01	34718E+02	44500E+01	13930E+03	35400E+02
	25200E+01	00000E+00	31692E+02	80000E+01	32318E+00
5	42022E+04	13773E+01	31692E+02	80000E+01	32318E+00
	10000E+01	34000E+02	65535E+03	44000E+01	14060E+03
	35200E+02	20000E+01	31655E+02	80000E+01	32461E+00
6	41012E+04	13748E+01	31655E+02	80000E+01	32461E+00
	10000E+01	34718E+02	44200E+01	14280E+03	35400E+02
	25100E+01	20000E+01	31571E+02	80000E+01	33176E+00
7	3801E+04	13978E+01	31571E+02	80000E+01	33176E+00
	90000E+00	64537E+02	65437E+03	13460E+03	35200E+02
	25100E+01	19200E+03	31545E+02	80000E+01	34320E+00
8	34013E+04	15292E+01	31545E+02	80000E+01	34320E+00
	10000E+01	34724E+02	41100E+01	13980E+03	36100E+02
	25800E+01	00000E+00	31555E+02	80000E+01	35607E+00
9	30031E+04	17037E+01	31555E+02	80000E+01	35607E+00
	12000E+01	34730E+02	40200E+01	13650E+03	35600E+02
	25400E+01	00000E+00	31661E+02	80000E+01	36036E+00
10	26011E+04	19917E+01	31661E+02	80000E+01	36036E+00
	13000E+01	34740E+02	38300E+01	13440E+03	36200E+02
	26500E+01	00000E+00	31837E+02	80000E+01	36179E+00
11	22000E+04	23621E+01	31837E+02	80000E+01	36179E+00
	15000E+01	34753E+02	34700E+01	12920E+03	36900E+02
	26900E+01	00000E+00	32371E+02	80000E+01	33891E+00
12	17969E+04	31395E+01	32371E+02	80000E+01	33891E+00
	18000E+01	34768E+02	30400E+01	12090E+03	37800E+02
	28200E+01	00000E+00	32931E+02	80000E+01	31746E+00
13	15008E+04	38973E+01	32931E+02	80000E+01	31746E+00
	24000E+01	34780E+02	25800E+01	11390E+03	38400E+02
	28500E+01	00000E+00	33761E+02	80000E+01	28314E+00
14	12019E+04	49651E+01	33761E+02	80000E+01	28314E+00
	29000E+01	34778E+02	21100E+01	10510E+03	38700E+02
	29500E+01	00000E+00	34419E+02	80000E+01	26741E+00
15	10003E+04	58060E+01	34419E+02	80000E+01	26741E+00
	34000E+01	34760E+02	18200E+01	94900E+02	38600E+02
	29000E+01	00000E+00	35532E+02	80000E+01	24310E+00
16	80330E+03	70798E+01	35532E+02	80000E+01	24310E+00
	41000E+01	34800E+02	16200E+01	77600E+02	38600E+02
	29100E+01	12800E+03			

STATION #	EN	ED	PR	INPUT ONE OF THE FOLLOWING CODES:	WATER SAMPLE DATA RECORD FOR	SHIP WL	CRUISE	STATION	33
1	EN	ED	PR	INPUT ONE OF THE FOLLOWING CODES:	WATER SAMPLE DATA RECORD FOR	SHIP WL	CRUISE	STATION	33
18	EN	ED	PR	INPUT ONE OF THE FOLLOWING CODES:	WATER SAMPLE DATA RECORD FOR	SHIP WL	CRUISE	STATION	33
19	EN	ED	PR	INPUT ONE OF THE FOLLOWING CODES:	WATER SAMPLE DATA RECORD FOR	SHIP WL	CRUISE	STATION	33
20	EN	ED	PR	INPUT ONE OF THE FOLLOWING CODES:	WATER SAMPLE DATA RECORD FOR	SHIP WL	CRUISE	STATION	33
21	EN	ED	PR	INPUT ONE OF THE FOLLOWING CODES:	WATER SAMPLE DATA RECORD FOR	SHIP WL	CRUISE	STATION	33
22	EN	ED	PR	INPUT ONE OF THE FOLLOWING CODES:	WATER SAMPLE DATA RECORD FOR	SHIP WL	CRUISE	STATION	33
23	EN	ED	PR	INPUT ONE OF THE FOLLOWING CODES:	WATER SAMPLE DATA RECORD FOR	SHIP WL	CRUISE	STATION	33
24	EN	ED	PR	INPUT ONE OF THE FOLLOWING CODES:	WATER SAMPLE DATA RECORD FOR	SHIP WL	CRUISE	STATION	33

SCAN 21 PR = 150? 35,021,1.66,20.1,24.2,1.47,0
SCAN 22 PR = 90? 35,225,1.98,10.4,18.5,1.11,0
SCAN 23 PR = 30? 34,353,4.82,1.1,23,01000
SCAN 24 PR = 3? 34,298,4.77,1.1,-1.1,23,
M.S. DATA RECORD EDIT

INPUT ONE OF THE FOLLOWING CODES:
PR TO DISPLAY

ED TO EDIT
EN TO TERMINATE

INPUT SCAN NO., VAR. NO., AND NEW VALUE

TERMINATE WITH -1

8, 729

8, 4.01

9, 138.7

10, 35.0

11, 2.34

9, 7, 34, 732

8, 3.94

9, 136.9

10, 35

11, 2.27

10, 7, 34, 739

8, 3.83

9, 134.3

10, 35.3

11, 2.33

1

1, 1, 3297

2, 1, 537

3, 31, 564

5, 242

6, 1.2

7, 34, 729

8, 4.08

9, 139.1

10, 35.1

11, 2.34

12, 0100

M.S. DATA RECORD EDIT

INPUT ONE OF THE FOLLOWING CODES:
PR TO DISPLAY

ED TO EDIT
EN TO TERMINATE

2 PR

1, 32970E+04, 15372E+01, 31564E+02, 80000E+01, 24167E+00

2, 23400E+01, 64000E+02, 34729E+02, 40800E+01, 35100E+02

2, 45325E+04, 14053E+01, 31826E+02, 80000E+01, 31174E+00

2, 11000E+01, 64537E+02, 65437E+03, 13910E+03, 34200E+02

3, 22200E+01, 19200E+03, 31795E+02, 80000E+01, 31317E+00

3, 44489E+04, 14018E+01, 34718E+02, 80000E+01, 31746E+00

4, 43007E+04, 13998E+01, 34718E+02, 80000E+01, 31746E+00

4, 10000E+01, 00000E+00, 34718E+02, 80000E+01, 34600E+02

5, 22600E+01, 00000E+00, 13948E+01, 31672E+02, 80000E+01, 32175E+00

5, 40986E+04, 13948E+01, 34718E+02, 42900E+01, 13930E+03, 34400E+02

6, 22600E+01, 12800E+03, 13998E+01, 31608E+02, 80000E+01, 32890E+00

6, 38999E+04, 13998E+01, 34718E+02, 43500E+01, 14010E+03, 34200E+02

10000E+01, 34718E+02

7	3599E+04	14488E+01	31546E+02	80000E+01	33462E+00
8	30974E+04	16412E+01	31535E+02	80000E+01	34892E+00
9	28970E+04	17557E+01	31562E+02	80000E+01	35321E+00
	11000E+01	34732E+02	39400E+01	13690E+03	35000E+02
	22700E+01	00000E+00			
10	26992E+04	18812E+01	31601E+02	80000E+01	35750E+00
	12000E+01	34739E+02	38300E+01	13430E+03	35300E+02
	23300E+01	00000E+00			
11	2396E+04	21081E+01	31690E+02	80000E+01	36322E+00
	14000E+01	34750E+02	36900E+01	13220E+03	35900E+02
	24100E+01	00000E+00			
12	21008E+04	25206E+01	31942E+02	80000E+01	35607E+00
	16000E+01	34760E+02	33300E+01	12790E+03	36300E+02
	24700E+01	00000E+00			
13	17994E+04	31175E+01	32356E+02	80000E+01	34320E+00
	18000E+01	34773E+02	30200E+01	12090E+03	37000E+02
	23500E+01	00000E+00			
14	14968E+04	42363E+01	33243E+02	80000E+01	29601E+00
	24000E+01	34794E+02	24100E+01	11030E+03	37400E+02
	26100E+01	00000E+00			
15	11979E+04	53221E+01	34100E+02	80000E+01	26741E+00
	32000E+01	34802E+02	19500E+01	99100E+02	38000E+02
	26800E+01	00000E+00			
16	10013E+04	64339E+01	35060E+02	80000E+01	23309E+00
	38000E+01	34839E+02	16900E+01	86100E+02	37800E+02
	26100E+01	00000E+00			
17	79490E+03	74312E+01	35917E+02	80000E+01	23023E+00
	46000E+01	34872E+02	15100E+01	70900E+02	36900E+02
	25500E+01	00000E+00			
18	60090E+03	87055E+01	37016E+02	80000E+01	27313E+00
	53000E+01	34873E+02	18300E+01	47800E+02	34700E+02
	23100E+01	00000E+00			
19	31920E+03	11127E+02	39280E+02	80000E+01	54483E+00
	67000E+01	34978E+02	21500E+01	22400E+02	26700E+02
	16400E+01	00000E+00			
20	18620E+03	13229E+02	41250E+02	80000E+01	44187E+00
	77000E+01	34974E+02	17800E+01	25000E+02	26900E+02
	16600E+01	00000E+00			
21	15090E+03	15374E+02	43365E+02	80000E+01	42471E+00
	84000E+01	35021E+02	16600E+01	20100E+02	24200E+02
	14700E+01	00000E+00			
22	91000E+02	19815E+02	48012E+02	80000E+01	67925E+00
	99000E+01	35225E+02	19800E+01	10400E+02	18500E+02
	11100E+01	00000E+00			
23	30600E+02	28659E+02	56056E+02	80000E+01	22909E+01
	12800E+02	34353E+02	48200E+01	10000E+01	65527E+04
	23000E+00	51200E+03			
24	38000E+01	28934E+02	56200E+02	80000E+01	22437E+01
	15500E+02	34298E+02	47700E+01	11000E+01	65527E+04
	23000E+00	51200E+03			
M.S. DATA RECORD EDIT					
INPUT ONE OF THE FOLLOWING CODES:					
PR TO DISPLAY					
ED TO EDIT					
EN TO TERMINATE					
ED					
INPUT SCAN NO., VAR. NO., AND NEW VALUE					
TERMINATE WITH -1					
2 8,12,0					
2 -1					
M.S. DATA RECORD EDIT					

52

147000E+01, 000000E+00

? 4 12 2200

? -1

W.S. DATA RECORD EDIT

INPUT ONE OF THE FOLLOWING CODES:

PR TO DISPLAY

ED TO EDIT

EN TO TERMINATE

? PR

1	.23000E+01	.29370E+02	.33360E+00	.80000E+01	.26498E+01
	.23500E+02	.64537E+02	.65437E+03	.65527E+04	.65527E+04
	.64537E+02	.25500E+03			
2	.44557E+04	.14088E+01	.31803E+02	.80000E+01	.31460E+00
	.11000E+01	.64537E+02	.65437E+03	.14190E+03	.33100E+02
	.23000E+01	.19200E+03			
3	.44015E+04	.14028E+01	.31779E+02	.80000E+01	.31603E+00
	.10000E+01	.34718E+02	.65437E+03	.14190E+03	.33000E+02
	.23900E+01	.12800E+03			
4	.43029E+04	.13958E+01	.31741E+02	.80000E+01	.31746E+00
	.10000E+01	.34719E+02	.41800E+01	.14290E+03	.33500E+02
	.26400E+01	.12800E+03			
5	.41017E+04	.13838E+01	.31662E+02	.80000E+01	.32747E+00
	.10000E+01	.34720E+02	.65437E+03	.14210E+03	.33500E+02
	.23900E+01	.00000E+00			
6	.39021E+04	.13868E+01	.31596E+02	.80000E+01	.33462E+00
	.10000E+01	.34722E+02	.41700E+01	.14150E+03	.33000E+02
	.23300E+01	.12800E+03			
7	.37019E+04	.14173E+01	.31553E+02	.80000E+01	.33605E+00
	.10000E+01	.34722E+02	.40600E+01	.14350E+03	.33300E+02
	.24100E+01	.12800E+03			
8	.34991E+04	.14772E+01	.31534E+02	.80000E+01	.34177E+00
	.11000E+01	.34728E+02	.40000E+01	.14030E+03	.33500E+02
	.24300E+01	.12800E+03			
9	.32043E+04	.15832E+01	.31521E+02	.80000E+01	.34749E+00
	.10000E+01	.34728E+02	.36300E+01	.14090E+03	.33800E+02
	.24500E+01	.12800E+03			
10	.28996E+04	.17622E+01	.31569E+02	.80000E+01	.35464E+00
	.12000E+01	.34736E+02	.30200E+01	.13830E+03	.33900E+02
	.24300E+01	.12800E+03			
11	.27024E+04	.18917E+01	.31612E+02	.80000E+01	.35321E+00
	.13000E+01	.64537E+02	.32600E+01	.13100E+03	.33500E+02
	.24500E+01	.19200E+03			
12	.23993E+04	.21756E+01	.31750E+02	.80000E+01	.35750E+00
	.14000E+01	.34751E+02	.31400E+01	.13530E+03	.34600E+02
	.26000E+01	.12800E+03			
13	.21022E+04	.25301E+01	.31955E+02	.80000E+01	.35178E+00
	.15000E+01	.34767E+02	.22300E+01	.13140E+03	.34900E+02
	.26400E+01	.12800E+03			
14	.18028E+04	.31370E+01	.32387E+02	.80000E+01	.33605E+00
	.18000E+01	.34787E+02	.19400E+01	.12430E+03	.35200E+02
	.26600E+01	.12800E+03			
15	.14993E+04	.41973E+01	.33222E+02	.80000E+01	.29887E+00
	.24000E+01	.34809E+02	.17700E+01	.11190E+03	.35500E+02
	.27600E+01	.12800E+03			
16	.12010E+04	.54805E+01	.34270E+02	.80000E+01	.25025E+00
	.31000E+01	.34832E+02	.14200E+01	.99600E+02	.36400E+02
	.28700E+01	.12800E+03			
17	.10031E+04	.66398E+01	.35283E+02	.80000E+01	.21879E+00
	.39000E+01	.34878E+02	.14900E+01	.86100E+02	.36600E+02
	.28700E+01	.12800E+03			
18	.80320E+03	.80041E+01	.36501E+02	.80000E+01	.22594E+00
	.50000E+01	.34926E+02	.14500E+01	.63900E+02	.34700E+02
	.27400E+01	.12800E+03			
19	.59520E+03	.91579E+01	.37498E+02	.80000E+01	.29887E+00
	.58000E+01	.34938E+02	.24300E+01	.42700E+02	.31700E+02
	.23900E+01	.12800E+03			
20	.37710E+03	.10884E+02	.39073E+02	.80000E+01	.48334E+00

	.68000E+01	.3478E+02	.17900E+01	.23300E+02	.26600E+02
	.18500E+01	.12800E+03			
21	.29010E+03	.11925E+02	.40109E+02	.80000E+01	.47905E+00
	.76000E+01	.35052E+02	.23700E+01	.20900E+02	.25200E+02
	.17600E+01	.38400E+03			
22	.25240E+03	.12538E+02	.40718E+02	.80000E+01	.54769E+00
	.82000E+01	.35086E+02	.19700E+01	.19100E+02	.23300E+02
	.16200E+01	.38400E+03			
23	.13480E+03	.17748E+02	.45721E+02	.80000E+01	.45903E+00
	.97000E+01	.34980E+02	.15700E+01	.16800E+02	.20200E+02
	.13200E+01	.38400E+03			
24	.42900E+02	.28704E+02	.56910E+02	.80000E+01	.23781E+01
	.14100E+02	.34875E+02	.43300E+01	.80000E+00	.00000E+00
	.14100E+01	.12800E+03			
25	.30000E+00	.29674E+02	.57119E+02	.80000E+01	.25740E+01
	.17700E+02	.34435E+02	.45300E+01	.80000E+00	.00000E+00
	.26000E+00	.12800E+03			

W.S. DATA RECORD EDIT

INPUT ONE OF THE FOLLOWING CODES:

PR TO DISPLAY

ED TO EDIT

EN TO TERMINATE

? EN

%

N

IGNORED

WATER SAMPLE DATA RECORD FOR

SHIP WL CRUISE 907 STATION 36

W.S. DATA RECORD EDIT

INPUT ONE OF THE FOLLOWING CODES:

PR TO DISPLAY

ED TO EDIT

EN TO TERMINATE

? EN

STATION #?

37

*** CREATE WATER SAMPLE DATA RECORDS ***

INPUT W.S. DATA FOR SHIP WL CRUISE 907 STATION

INPUT DATA FOR 24 SCANS, 6 VARIABLES PER SCAN

SCAN 1	PR = 4564?	-1,4.36,143.5,32.7,2.28,0100
SCAN 2	PR = 4501?	-1,4.32,142.7,32.9,2.24,0100
SCAN 3	PR = 4400?	34.717,4.34,142.3,32.6,2.20,0
SCAN 4	PR = 4202?	34.718,-1,142.1,32.7,2.30,0200
SCAN 5	PR = 4000?	34.718,4.24,142.9,32.9,2.24,0
SCAN 6	PR = 3802?	34.720,4.20,143.1,33.2,2.24,0
SCAN 7	PR = 3600?	-1
SCAN 8	PR = 3371?	34.722,4.03,142.3,33.1,2.30,0
SCAN 9	PR = 3196?	34.726,3.96,141.7,33.4,2.33,0
SCAN 10	PR = 2998?	34.732,4.02,139.7,33.6,2.30,0
SCAN 11	PR = 2798?	34.738,3.77,138.1,33.7,2.30,0
SCAN 12	PR = 2600?	34.744,3.67,136.7,33.8,2.43,0
SCAN 13	PR = 2400?	-1,-1,118.8,32.3,2.22,0300
SCAN 14	PR = 2099?	34.766,3.30,131.6,34.8,2.43,0
SCAN 15	PR = 1799?	34.786,2.83,123.5,35.1,2.51,0
SCAN 16	PR = 1495?	34.708,2.37,112.5,35.7,2.62,0
SCAN 17	PR = 1200?	34.837,1.80,100.2,36.3,2.62,0
SCAN 18	PR = 999?	34.872,1.73,88.8,36.1,2.68,0
SCAN 19	PR = 800?	34.922,1.30,67.5,35.1,2.51,0
SCAN 20	PR = 600?	34.938,1.64,45.7,32.1,2.22,0
SCAN 21	PR = 331?	35.000,2.14,22.4,26.1,1.60,0
SCAN 22	PR = 140?	34.967,1.56,19.1,21.9,1.30,0

37

STA 37

WL907

W.S. DATA

W2707

SCAN 24 PR = 34.762,4.76,0.7,-1,0.18,@1000
57 34.429,4.73,0.8,-1,0.16,@1000

W.S. DATA RECORD EDIT

INPUT ONE OF THE FOLLOWING CODES:

PR TO DISPLAY

ED TO EDIT

EN TO TERMINATE

? 7,7,-1

INVALID CODE

? ED

INPUT SCAN NO., VAR. NO., AND NEW VALUE

TERMINATE WITH -1

? 7,7,-1

? 7,8,-1

? 7,9,138.1

? 7,10,33.2

? 7,11,2.24

? 7,12,3\@300

? -1

W.S. DATA RECORD EDIT

INPUT ONE OF THE FOLLOWING CODES:

PR TO DISPLAY

ED TO EDIT

EN TO TERMINATE

? EN

WATER SAMPLE DATA RECORD FOR

SHIP WL CRUISE 907 STATION 37

W.S. DATA RECORD EDIT

INPUT ONE OF THE FOLLOWING CODES:

PR TO DISPLAY

ED TO EDIT

EN TO TERMINATE

? EN

STATION #?

38

*** CREATE WATER SAMPLE DATA RECORDS ***

INPUT W.S. DATA FOR SHIP WL CRUISE 907 STATION 38

SCAN 1 PR = 4390? -1,4.322\,138.6,37.9,2.33,@100
 SCAN 2 PR = 4304? 34.719,4.33,139.6,37.8,2.34,0
 SCAN 3 PR = 4203? 34.720,4.31,139.6,37.9,2.34,0
 SCAN 4 PR = 4101? 34.3\721,-1,139.4,38.3,2.34,@200
 SCAN 5 PR = 3902? 34.719,4.25,141.0,38.2,2.35,0
 SCAN 6 PR = 3699? 34.722,4.22,141.0,38.1,2.37,0
 SCAN 7 PR = 3500? 34.724,4.06,140.8,38.3,2.39,0
 SCAN 8 PR = 3298? 34.727,4.02,140.0,38.2,2.42,0
 SCAN 9 PR = 3101? 34.730,3.94,139.1,37.8,2.58,0
 SCAN 10 PR = 2302? 2\ -1,-1,128.9,37.5,2.62,@0301
 SCAN 11 PR = 2699? 34.745,3.72,133.3,38.0,2.62,0
 SCAN 12 PR = 2400? 34.753,3.50,133.2,38.9,2.70
 SCAN 13 PR = 2104? 34.769,3.21,129.2,39.1,2.76,0
 SCAN 14 PR = 1801? 34.789,2.84,121.7,39.5,2.83,0
 SCAN 15 PR = 1500? 34.809,2.35,111.6,39.8,2.89,0
 SCAN 16 PR = 1202? 34.836,1.83,100.3,40.6,2.98,0
 SCAN 17 PR = 896? 34.890,1.39,78.9,39.8,2.93,0
 SCAN 18 PR = 699? 34.952,1.67,57.2,37.6,2.72,0
 SCAN 19 PR = 501? 34.950,1.81,62.9,2.28,0
 SCAN 20 PR = 349? 35.008,2.25,23.9,30.2,2.00,0
 SCAN 21 PR = 215? 35.117,1.76,20.3,27.9,1.86,0
 SCAN 22 PR = 170? 35.133,1.70,18.9,25.7,1.70,0
 SCAN 23 PR = 59? 35.261,4.67,1.5,-1,0.24,@1000
 SCAN 24 PR = 5? 34.474,4.64,1.0,-1,0.14,@1000

STA 38

WL 907/100

WSE DATA

WS DATA

W2307

W.S. DATA RECORD EDIT

INPUT ONE OF THE FOLLOWING CODES:

PR TO DISPLAY

ED TO EDIT

EN TO TERMINATE

? ED

INPUT SCAN NO., VAR. NO., AND NEW VALUE

TERMINATE WITH -1

? 10,1,2903

? 10,12,@300

? 19,10,33.1

? 19,11,2.28

? 19,12,0

? -1

W.S. DATA RECORD EDIT

INPUT ONE OF THE FOLLOWING CODES:

PR TO DISPLAY

ED TO EDIT

EN TO TERMINATE

? EN

V V EN
 INVALID CODE

? EN

WATER SAMPLE DATA RECORD FOR

SHIP WL CRUISE 907 STATION 38

W.S. DATA RECORD EDIT

INPUT ONE OF THE FOLLOWING CODES:

PR TO DISPLAY

ED TO EDIT

EN TO TERMINATE

? EN

STATION #?

*** CREATE WATER SAMPLE DATA RECORDS ***

INPUT W.S. DATA FOR SHIP WL CRUISE 907 STATION 39
 INPUT DATA FOR 24 SCANS, 6 VARIABLES PER SCAN

SCAN 1 PR = 4585? -1,-1,35.3,33.0,2.09,@300
 SCAN 2 PR = 4499? 34.720,-1,139.7,37.0,2.52,@200
 SCAN 3 PR = 4400? -1,-1,134.5,39.1,2.60,@300
 SCAN 4 PR = 4301? -1,-1,137.4,38.8,2.57,@300
 SCAN 5 PR = 4201? 34.718,-1,140.5,38.4,2.54,@200
 SCAN 6 PR = 4001? -1,-1,139.9,38.4,2.58,@300
 SCAN 7 PR = 3800? 34.720,4.20,140.5,38.3,2.53,0
 SCAN 8 PR = 3602? 34.724,4.01,142.1,38.8,2.57,0
 SCAN 9 PR = 3401? -1,-1,138.2,38.8,2.59,0@300
 SCAN 10 PR = 3200? 34.727,-1,140.2,2.57,\\\\\\38.3,2.57,@200
 SCAN 11 PR = 2996? 34.733,3.82,137.5,38.6,2.59,0
 SCAN 12 PR = 2698? 34.739,3.70,136.5,39.0,2.64,0
 SCAN 13 PR = 2400? 34.755,3.49,132.7,39.3,2.64,0
 SCAN 14 PR = 2103? 34.765,3.13,130.2,39.2,2.70,0
 SCAN 15 PR = 1800? 34.784,2.76,123.1,39.8,2.78,0
 SCAN 16 PR = 1499? 34.810,2.48,112.4,41.0,2.89,0
 SCAN 17 PR = 1203? 34.837,1.91,100.3,41.3,2.94,0
 SCAN 18 PR = 1008? 34.885,1.70,87.3,40.9,2.76,0
 SCAN 19 PR = 798? 34.946,1.28,67.3,39.1,2.58,0
 SCAN 20 PR = 600? 34.930,1.60,-1.\\,36.2\\4,2.27,@400
 SCAN 21 PR = 415? 34.981,2.00,19.8,33.0,1.90,0
 SCAN 22 PR = 195? 35.123,1.55,1.3,29.1,1.65,0
 SCAN 23 PR = 69? 35.032,4.59,1.4,-1,0.23,@1000
 SCAN 24 PR = 1? -1,4.64,-1,-1,-1,@3500

STA 39

WL 907/109

WSE DATA

WS DATA

W2307

W.S. DATA RECORD EDIT

INPUT ONE OF THE FOLLOWING CODES:

PR TO DISPLAY

ED TO EDIT

EN TO TERMINATE

?

EN

WATER SAMPLE DATA RECORD FOR

SHIP WL CRUISE 907 STATION 39

W.S. DATA RECORD EDIT

INPUT ONE OF THE FOLLOWING CODES:

PR TO DISPLAY

10	2	1.000	F
11	2	1.000	F
12	2	1.000	F
13	2	1.000	F
14	2	1.000	F
15	2	1.000	F
16	2	1.000	F
17	2	1.000	F
18	2	1.000	F
19	2	1.000	F
20	2	1.000	F

79 04 27
CTDED (PR)

PRESSURE	WEIGHT
50	10
1000	5
3000	2
5000	2

① REVISE ED. PARAM.

② ENTER WS DATA
STA 40-42
WORKFILE W2208

W.S. SCALE FACTOR RECORD ON DISK? W2707
DO YOU WANT TO CREATE IT? YE
NO. OF VARIABLES? 10F
IE 025011

00000007

CTDED PR

PR,CTDED

00000000.00000000

CTDED VERSION 790214 HERE
WHO ARE YOU? RCM
DATE (YR,MO,DA)? 79,4,26\7
LIST DEVICE? 1

00000000.00000000

00000000

00000000.00000000

OP. MODE? PR
NAME OF WORK FILE? W2708
W.S. INPUT DEVICE? 1

CTDED, VERSION 05 ERROR LIST

OPERATOR RCM DATE 79/ 4/27 OP. MODE PR
EDIT PARAMETERS ON DISK? YE
FILE NAME? W2707

*** CHECK EDIT PARAMETERS ***

EDIT PARAMETERS:

RECORD LIMITS 1 - 1203
START WHEN VAR 3 = .000000E+00
MAXBAD = 5

VAR. NO.	ID	PROC.	REL. VAR.	CRIT.	USE WGT.
1	0			.600	F
2	0			.004	T
3	0			.008	T
4	0			1.000	F
5	0			.010	T
6	0			.400	F
7	0			.008	T
8	0			1.000	F
9	0			1.000	F
10	2			1.000	F
11	2			1.000	F
12	2			1.000	F
13	2			1.000	F
14	2			.000	F
15	2			1.000	F
16	2			1.000	F
17	2			1.000	F
18	2			1.000	F

19	2	1.000	F
20	2	1.000	F

PRESSURE	WEIGHT
----------	--------

25	3
100	14
550	7
1500	4

INPUT CHANGES:

PR,1,2
PR,2,2
PR,3,2
PR,5,2
PR,6,2
PR,7,2
PW,5,2500,2
GO
EN

EDIT PARAMETERS:

RECORD LIMITS 1 - 1203
START WHEN VAR 3 = .000000E+00
MAXBAD = 5

VAR.	ID	PROC.	REL.	CRIT.	USE
NO.			VAR.		WGT.
1		2		.600	F
2		2		.004	I
3		2		.008	T
4		0		1.000	F
5		2		.010	T
6		2		.400	F
7		2		.008	T
8		0		1.000	F
9		0		1.000	F
10		2		1.000	F
11		2		1.000	F
12		2		1.000	F
13		2		1.000	F
14		2		.000	F
15		2		1.000	F
16		2		1.000	F
17		2		1.000	F
18		2		1.000	F
19		2		1.000	F
20		2		1.000	F

PRESSURE	WEIGHT
----------	--------

25	3
100	14
550	7
1500	4

INPUT CHANGES:

NW,5
EN
25
PW,5,2500,2
EN

EDIT PARAMETERS:

RECORD LIMITS 1 - 1203
START WHEN VAR 3 = .000000E+00
MAXBAD = 5

VAR. NO.	ID	PROC.	REL. VAR.	CRIT.	USE WGT.
1		2		.600	F
2		2		.004	T
3		2		.008	T
4		0		1.000	F
5		2		.010	T
6		2		.400	F
7		2		.008	T
8		0		1.000	F
9		0		1.000	F
10		2		1.000	F
11		2		1.000	F
12		2		1.000	F
13		2		1.000	F
14		2		.000	F
15		2		1.000	F
16		2		1.000	F
17		2		1.000	F
18		2		1.000	F
19		2		1.000	F
20		2		1.000	F

PRESSURE	WEIGHT
25	3
100	14
550	7
1500	4
2500	2

INPUT CHANGES:
GO

EDIT PARAMETERS:
RECORD LIMITS 1 - 1203
START WHEN VAR 3 = .000000E+00
MAXBAD = 5

VAR. NO.	ID	PROC.	REL. VAR.	CRIT.	USE WGT.
1		2		.600	F
2		2		.004	T
3		2		.008	T
4		0		1.000	F
5		2		.010	T
6		2		.400	F
7		2		.008	T
8		0		1.000	F
9		0		1.000	F
10		2		1.000	F
11		2		1.000	F
12		2		1.000	F
13		2		1.000	F
14		2		.000	F
15		2		1.000	F
16		2		1.000	F
17		2		1.000	F
18		2		1.000	F
19		2		1.000	F
20		2		1.000	F

PRESSURE	WEIGHT
25	3
100	14
550	7
1500	4

250, 10

W.S. SCALE FACTOR RECORD ON DISK? YE
 FILE NAME? W2?07

W.S. SFR From W2?07

*** EDIT W.S. SCALE FACTOR RECORD ***

ID	NAME	UNITS	SENSOR	CAL DATE	LAG	QUAL	ECRIT
1	PR	PRESSURE DBARS	0	78/ 8/ 9	15	0	0
2	TE	TEMP DEG C	0	79/ 2/14	3	0	0
3	CO	COND MILLIMHOS	202	79/ 2/14	3	0	0
4	SW	SIGN WD NONE	0	0/ 0/ 0	3	0	0
5	OC	OXY COR MICROAMPS	0	0/ 0/ 0	156	0	0
6	OT	OXY T DEG C	0	0/ 0/ 0	156	0	0
7	SA	SALINITY PPT	0	99/12/31	0	0	0
8	OX	OXYGEN ML/L	0	99/12/31	0	0	0
9	SI	SILICATE MGATM/L	0	99/12/31	0	0	0
10	NI	NITRATE MATM/L	0	99/12/31	0	0	0
11	PH	PHOSPHAT MGATM/L	0	99/12/31	0	0	0
12	QU	QUALITY NONE	0	99/12/31	0	0	0

ID	ATTR. 1	SLOPE	ENG. BIAS	T.CONST.	ATTR. 2
PR	.000000E+00	1.000000E-01	-.300000E+00	.000000E+00	.000000E+00
TE	.000000E+00	.499913E-03	.120000E-01	.180000E+00	.000000E+00
CO	.000000E+00	.998790E-03	.000000E+00	.000000E+00	.150000E-07
SW	.000000E+00	.100000E+01	.000000E+00	.000000E+00	.300000E+04
OC	.000000E+00	.143000E-02	.000000E+00	.000000E+00	.150000E-03
OT	.000000E+00	1.000000E-01	.000000E+00	.000000E+00	.000000E+00
SA	.000000E+00	1.000000E-03	.000000E+00	.000000E+00	.000000E+00
OX	.000000E+00	1.000000E-02	.000000E+00	.000000E+00	.000000E+00
SI	.000000E+00	1.000000E-01	.000000E+00	.000000E+00	.000000E+00
NI	.000000E+00	1.000000E-01	.000000E+00	.000000E+00	.000000E+00
PH	.000000E+00	1.000000E-03	.000000E+00	.000000E+00	.000000E+00
QU	.000000E+00	.100000E+01	.000000E+00	.000000E+00	.000000E+00

INPUT CHANGES:

GO
 CTD VAR TO USE = 6? 6
 VAR ADDED = 6? 6

WL907/40

WS DATA

CREATE W.S. DATA RECORDS NOW? YE
 STATION #?

W2?08

40

~~WS DATA~~
~~STA 40~~

*** CREATE WATER SAMPLE DATA RECORDS ***

INPUT W.S. DATA FOR SHIP WL CRUISE 907 STATION 40
 INPUT DATA FOR 24 SCANS, 6 VARIABLES PER SCAN

SCAN 1	PR =	1? -1,-1,-1,-1,-1,0377
SCAN 2	PR =	4673? -1,-1,140.7,39.1,2.5,0300
SCAN 3	PR =	4599? 34.72,-1,141.5,38.7,2.5,0200
SCAN 4	PR =	4503? 34.72,4.35,141.7,38.5,2.5,0
SCAN 5	PR =	4302? -1,-1,135.3,38.6,2.53,0300
SCAN 6	PR =	4098? 34.719,-1,142.3,38.9,2.52,0200
SCAN 7	PR =	3898? 34.721,-1,142.7,39,2.53,
SCAN 8	PR =	3301? 34.726,3.94,142,39.1,2.55,0
SCAN 9	PR =	1585? 34.7363,93,139.3,39.7,2.57,0
SCAN 10	PR =	2700? 34.738,4.08,137.3,39.6,2.57
SCAN 11	PR =	2397? 34.75,3.5,134.8,39.6,2.61,
SCAN 12	PR =	2101? 34.772,3.3,129.9,40.4,2.67
SCAN 13	PR =	1804? 34.8,2.86,122.6,41,1.2,2.7
SCAN 14	PR =	1499? 34.826,2.3,113.8,41.2,2.73
SCAN 15	PR =	1201? 34.898,1.63,97.3,41.1,2.93
SCAN 16	PR =	1004? 34.91,1.58,88.2,41.4,2.92
SCAN 17	PR =	797? 34.975,1.28,68,40.5,2.84
SCAN 18	PR =	597? 34.96,1.5,46.5,37.7,2.54,

SCAN 19 PR = 428? 34.972,1.9,26.5,31,2
 SCAN 20 PR = 388? 35.007,2.41,-1,-1,-1,03400
 SCAN 21 PR = 369? 35.016,2.32,24.9,31.3,1.98,0
 SCAN 22 PR = 198? 35.106,1.27,20.4,29.1,1.82,0
 SCAN 23 PR = 101? 35.36,3.71,4.8,7.9,.51,
 SCAN 24 PR = 2? 34.543,4.66,1.2,0,.2,0

W.S. DATA RECORD EDIT

INPUT ONE OF THE FOLLOWING CODES:

PR TO DISPLAY
 ED TO EDIT
 EN TO TERMINATE

? ED

INPUT SCAN NO., VAR. NO., AND NEW VALUE

TERMINATE WITH -1

? 9,1,3001.6

? ,2,1.674

? 38

,3,31.566

? 5,.8

,5,.245

? ,6,1.4

? ,3,31.528

? -1

W.S. DATA RECORD EDIT

INPUT ONE OF THE FOLLOWING CODES:

PR TO DISPLAY
 ED TO EDIT
 EN TO TERMINATE

? PR

1 ,19000E+01 ,28282E+02 ,24271E+00 ,80000E+01 ,29572E+01

,22200E+02 ,64537E+02 ,65437E+03 ,65527E+04 ,65527E+04

,64537E+02 ,25500E+03

2 ,46733E+04 ,14183E+01 ,31882E+02 ,80000E+01 ,30602E+00

,11000E+01 ,64537E+02 ,65437E+03 ,14070E+03 ,39100E+02

,25000E+01 ,19200E+03

3 ,45992E+04 ,14153E+01 ,31855E+02 ,80000E+01 ,30888E+00

,11000E+01 ,34720E+02 ,65437E+03 ,14150E+03 ,38700E+02

,25000E+01 ,12800E+03

4 ,45037E+04 ,14113E+01 ,31820E+02 ,80000E+01 ,31031E+00

,11000E+01 ,34720E+02 ,43500E+01 ,14170E+03 ,38500E+02

,25000E+01 ,00000E+00

5 ,43028E+04 ,13933E+01 ,31738E+02 ,80000E+01 ,31603E+00

,10000E+01 ,64537E+02 ,65437E+03 ,13530E+03 ,38600E+02

,25300E+01 ,19200E+03

6 ,40981E+04 ,13808E+01 ,31658E+02 ,80000E+01 ,32175E+00

,10000E+01 ,34719E+02 ,65437E+03 ,14230E+03 ,38900E+02

,25200E+01 ,12800E+03

7 ,38989E+04 ,13848E+01 ,31592E+02 ,80000E+01 ,32890E+00

,10000E+01 ,34721E+02 ,65437E+03 ,14270E+03 ,39000E+02

,25300E+01 ,12800E+03

8 ,33010E+04 ,15387E+01 ,31517E+02 ,80000E+01 ,34034E+00

,11000E+01 ,34726E+02 ,39400E+01 ,14200E+03 ,39100E+02

,25500E+01 ,00000E+00

9 ,30016E+04 ,16742E+01 ,31528E+02 ,12300E+03 ,24453E+00

,14000E+01 ,66300E+00 ,93000E+02 ,13930E+03 ,39700E+02

,25700E+01 ,00000E+00

10 ,27003E+04 ,18377E+01 ,31561E+02 ,80000E+01 ,35750E+00

,12000E+01 ,34738E+02 ,40800E+01 ,13730E+03 ,39600E+02

,25700E+01 ,00000E+00

11 ,23979E+04 ,21011E+01 ,31683E+02 ,80000E+01 ,35607E+00

,14000E+01 ,34750E+02 ,35000E+01 ,13480E+03 ,39600E+02

,26100E+01 ,00000E+00

12 ,21011E+04 ,25541E+01 ,31977E+02 ,80000E+01 ,34034E+00

,16000E+01 ,34772E+02 ,33000E+01 ,12990E+03 ,40400E+02

,26700E+01 ,00000E+00

13 ,18041E+04 ,33074E+01 ,32549E+02 ,80000E+01 ,32175E+00

	.18000E+01	.34800E+02	.28600E+01	.12260E+03	.41200E+02
	.27000E+01	.00000E+00			
14	.14997E+04	.41523E+01	.33193E+02	.80000E+01	.29744E+00
	.24000E+01	.34826E+02	.23000E+01	.11380E+03	.41200E+02
	.27300E+01	.00000E+00			
15	.12011E+04	.58080E+01	.34624E+02	.80000E+01	.22022E+00
	.31000E+01	.34898E+02	.16300E+01	.97300E+02	.41100E+02
	.29300E+01	.00000E+00			
16	.10048E+04	.64754E+01	.35161E+02	.80000E+01	.21164E+00
	.39000E+01	.34910E+02	.15800E+01	.88200E+02	.41400E+02
	.29200E+01	.00000E+00			
17	.79760E+03	.79236E+01	.36467E+02	.80000E+01	.20592E+00
	.46000E+01	.34975E+02	.12800E+01	.68000E+02	.40500E+02
	.28400E+01	.00000E+00			
18	.59770E+03	.90834E+01	.37446E+02	.80000E+01	.27027E+00
	.55000E+01	.34960E+02	.15000E+01	.46500E+02	.37700E+02
	.25400E+01	.00000E+00			
19	.42850E+03	.10304E+02	.38537E+02	.80000E+01	.52338E+00
	.64000E+01	.34972E+02	.19000E+01	.26500E+02	.31000E+02
	.20000E+01	.00000E+00			
20	.38890E+03	.10706E+02	.38936E+02	.80000E+01	.49621E+00
	.71000E+01	.35007E+02	.24100E+01	.65527E+04	.65527E+04
	.64537E+02	.17920E+04			
21	.36970E+03	.10884E+02	.39107E+02	.80000E+01	.49192E+00
	.74000E+01	.35016E+02	.23200E+01	.24900E+02	.31300E+02
	.19800E+01	.00000E+00			
22	.19830E+03	.15302E+02	.43415E+02	.80000E+01	.32747E+00
	.82000E+01	.35106E+02	.12700E+01	.20400E+02	.29100E+02
	.18200E+01	.00000E+00			
23	.10160E+03	.23259E+02	.51721E+02	.80000E+01	.12655E+01
	.98000E+01	.35360E+02	.37100E+01	.48000E+01	.79000E+01
	.51000E+00	.00000E+00			
24	.21000E+01	.29806E+02	.57466E+02	.80000E+01	.23238E+01
	.14000E+02	.34543E+02	.46600E+01	.12000E+01	.00000E+00
	.20000E+00	.00000E+00			

W.S. DATA RECORD EDIT

INPUT ONE OF THE FOLLOWING CODES:

PR TO DISPLAY

ED TO EDIT

EN TO TERMINATE

? EN

WATER SAMPLE DATA RECORD FOR
SHIP WL CRUISE 907 STATION 40

W.S. DATA RECORD EDIT

INPUT ONE OF THE FOLLOWING CODES:

PR TO DISPLAY

ED TO EDIT

EN TO TERMINATE

? EN

STATION #?

41

WL907/41

WS DATA

W2 208

~~WS DATA~~
~~STA 41~~

*** CREATE WATER SAMPLE DATA RECORDS ***

INPUT W.S. DATA FOR SHIP WL CRUISE 907 STATION

INPUT DATA FOR 14 SCANS, 6 VARIABLES PER SCAN

SCAN 1 PR = 4305? -1,-1,128.9,34.7,2.41,@300

SCAN 2 PR = 4201? 34.719,4.35,129.7,34.8,2.41,0

SCAN 3 PR = 4102? -1,4.31,-1,-1,-1,@3500

SCAN 4 PR = 4002? -1,-1,117.4,35.7,2.52,@300

SCAN 5 PR = 3800? 34.723,-1,129.8,35.1,2.46,@200

SCAN 6 PR = 3601? 34.724 4.26 130.5,35.3,2.50,0

SCAN 7 PR = 3402? 34.724 4.26 130.5,35.3,2.50,0

SCAN 8 PR = 3198? -1,-1,130.0,35.9,2.53,@300

(41)

SCAN 9 PR = 3001? -1,-1,127.9,35.6,2.55,0300
SCAN 10 PR = 2804? 34.735,3.99,127.6,35.6,2.54,0
SCAN 11 PR = 2599? 34.746,3.73,125.1,35.8,2.55,0
SCAN 12 PR = 2397? 34.754,3.55,123.8,36.6,2.63,0
SCAN 13 PR = 2099? 34.774,3.28,121.9,36.7,2.65,0
SCAN 14 PR = 1797? 34.803,2.72,113.1,37.1,2.71,0

W.S. DATA RECORD EDIT

INPUT ONE OF THE FOLLOWING CODES:

PR TO DISPLAY
ED TO EDIT
EN TO TERMINATE
? EN

WATER SAMPLE DATA RECORD FOR

SHIP WL CRUISE 907 STATION 41

W.S. DATA RECORD EDIT

INPUT ONE OF THE FOLLOWING CODES:

PR TO DISPLAY
ED TO EDIT
EN TO TERMINATE
? EN

STATION #?

42

W2907/42

WS DATA

W2?08

*** CREATE WATER SAMPLE DATA RECORDS ***

~~WS DATA~~

~~STA 42~~

INPUT W.S. DATA FOR SHIP WL CRUISE 907 STATION

(42)

INPUT DATA FOR 17 SCANS, 6 VARIABLES PER SCAN

SCAN 1 PR = 1? -1,-1,-1,-1,-1,07700
SCAN 2 PR = 4476? -1,-1,132.3,35.8,2.48,0300
SCAN 3 PR = 4398? 34.719,-1,133.1,35.3,2.47,0200
SCAN 4 PR = 4269? 34.720,4.17,133.0,35.3,2.49,0200
SCAN 5 PR = 4107? -1,-1,117.3,35.5,2.51,0300
SCAN 6 PR = 3900? 34.720,-1,133.5,35.8,2.3,0200
SCAN 7 PR = 3599? 34.725,4.19,134.1,35.9,2.51,0200
SCAN 8 PR = 3293? 34.728,-1,133.9,35.7,2.51,01200\\\200
SCAN 9 PR = 3005? 34.735,-1,130.6,35.9,2.52,0600
SCAN 10 PR = 2727? 34.747,3.86,127.2,36.2,2.55,0200
SCAN 11 PR = 2588? 34.746,3.53,128.5,35.7,2.51,0
SCAN 12 PR = 2303? 34.759,3.40,124.8,36.4,2.6,0
SCAN 13 PR = 429? 35.026,-1,26.5,25.6,1.75,0200
SCAN 14 PR = 299? 35.075,1.66,25.5,28.4,1.89,0
SCAN 15 PR = 189? 35.189,1.62,17.0,21.6,1.37,0
SCAN 16 PR = 62? 35.11,4.52,1.4,0.,.16,0
SCAN 17 PR = 0? 34.703,4.56,.8,0,\.,.15,0

W.S. DATA RECORD EDIT

INPUT ONE OF THE FOLLOWING CODES:

PR TO DISPLAY
ED TO EDIT
EN TO TERMINATE
? ED

INPUT SCAN NO., VAR. NO., AND NEW VALUE

TERMINATE WITH -1

? 1,8,4.37
? 1,8,-1
? 2,8,4.37
? 3,8,4.27
? -1

W.S. DATA RECORD EDIT

INPUT ONE OF THE FOLLOWING CODES:

PR TO DISPLAY
ED TO EDIT
EN TO TERMINATE
? EN