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Optical and Hydrographic Observations in the Congo River and Angola Basin during May 1978

by

J. Ronald V. Zaneveld
Richard W. Spinrad
David W. Menzies

Reference 79-3

January 1979

Netherlands Institute for Sea Research

OREGON STATE UNIVERSITY

OPTICAL AND HYDROGRAPHIC OBSERVATIONS IN THE CONGO RIVER AND ANGOLA BASIN DURING MAY 1978

Partial Funding from Netherlands Institute
for Sea Research

by

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Corvallis, Oregon 97331

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Ross Heath
Dean

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Introduction

Hydrographic and optical measurements were made *in situ* in the Congo River and the Angola Basin during May 1978. These measurements were made by members of the optical oceanography group at Oregon State University in cooperation with scientists from the Netherlands Institute for Sea Research. The data taken by the Oregon State University group is presented in this report. All measurements presented herein were taken aboard the vessel M/V TYRO.

Optical measurements were taken between May 7 and May 22, 1978. The station locations are shown in Figures 1 and 2. Table I is a listing of the measurements taken at each station.

A description of the method of tabulation of data precedes each of the types of data listings. Throughout this data report parentheses have been used to indicate station numbers which are different from those used by the Netherland Institute for Sea Research group. Station numbers in parentheses correspond to stations at which measurements were made by the OSU optics group alone. All other station numbers are the same as used by the Netherland Institute of Sea Research.

Table 1

SUMMARY OF DATA

STATION NUMBER (OSU numbers in parentheses)	DATE	LOCAL TIME	MEASUREMENTS
5	5/7	1700	1,2,3,4,5
9	5/8	1130	1,2,3
(5)	5/10	1000	4,5
(6)	5/10	1030	4,5
(7)	5/10	1100	4,5
(8)	5/10	1130	4,5
(9)	5/10	1900	4
(10)	5/10	2000	4
(11)	5/10	2100	4
(12)	5/10	2200	4
(13)	5/10	2300	4
(14)	5/11	0300	4
(15)	5/11	0600	4
(16)	5/11	0700	4,5
12	5/11	0900	1,2,3
13	5/11	0930	1,2,3,4,5
14	5/11	1200	1,2,3
15	5/11	1330	1,2,3,4,5
16	5/11	1530	1,2,3
17	5/11	1700	1,2,3
18	5/11	2000	4
19	5/12	0800	1,2,3
20	5/12	1115	1,2,3,4,5
21	5/12	1530	1,2,3
(21)	5/13	1145	4,5
27	5/14	0035	1,2,3
29	5/14	1120	4,5
32	5/15	0500	1,2,3,4,5
35	5/16	1340	1,2,3,4,5
36	5/17	1350	1,2,3,4,5
37	5/18	1145	4,5
38	5/18	1940	1,2,3
39	5/19	1550	4,5
40	5/20	0430	1,2,3
41	5/20	1100	4,5
42	5/20	2300	1,2,3
44	5/21	1330	4,5
45	5/22	0010	1,2,3
46	5/22	1030	1,2,3,4,5
50	5/22	2000	1,2,3

Key to Measurements:
1 = 1 m transmission
2 = temperature
3 = conductivity
4 = 25 cm transmission
5 = irradiance

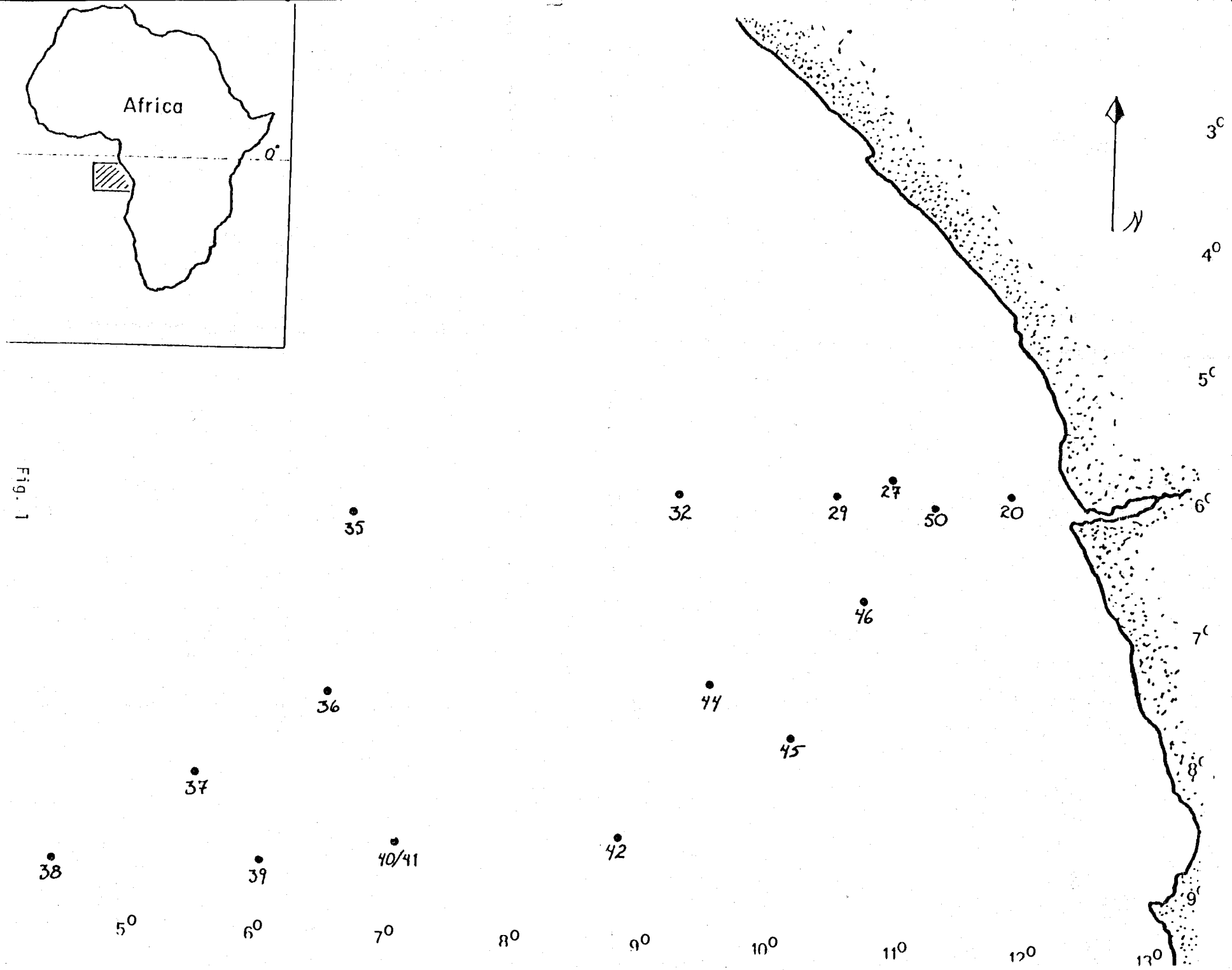
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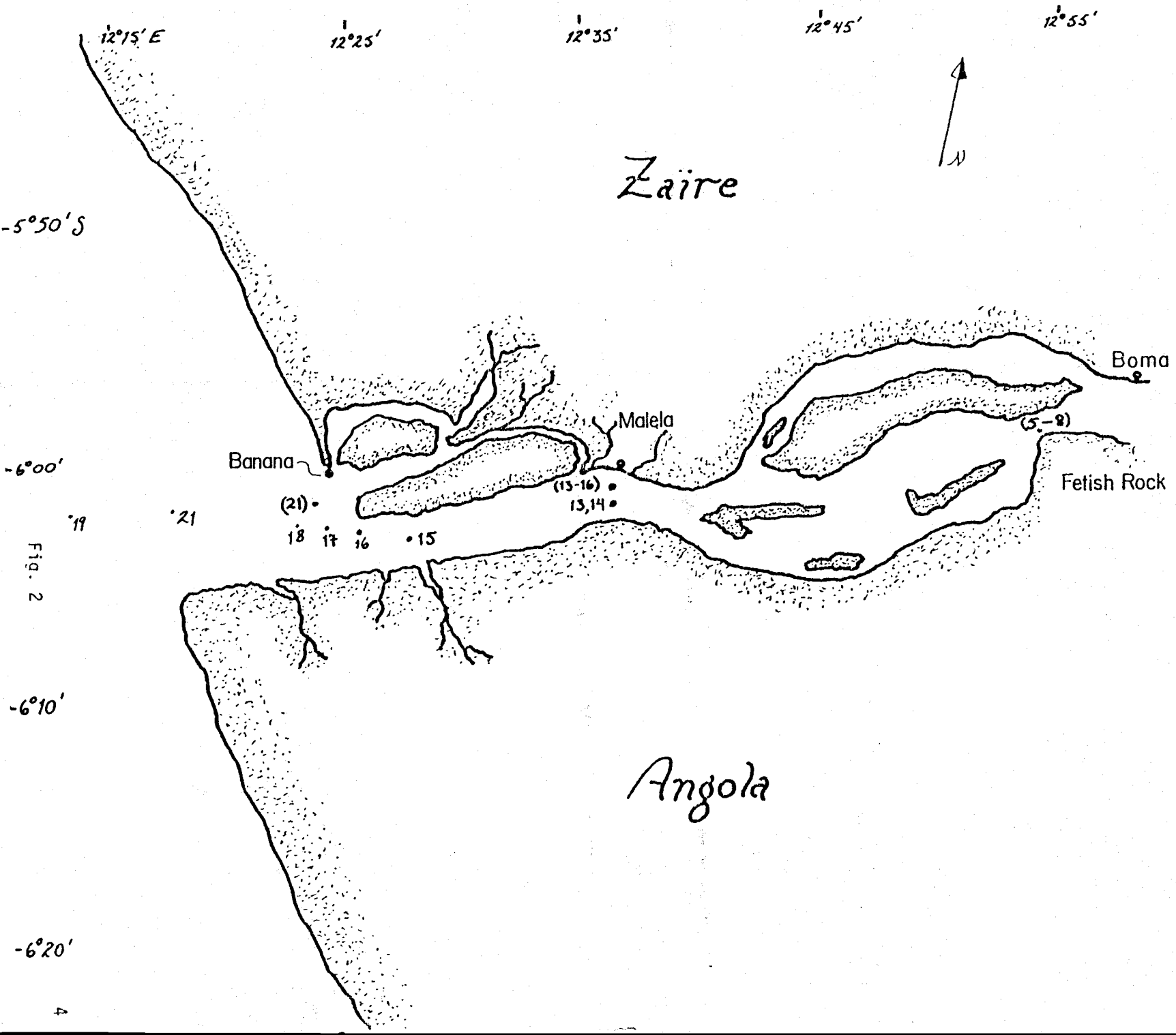
Fig. 1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Banana
Malela
Boma
Fetish Rock
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17
16
15
19
21
(13-16)
13,14
(5-8)
Angola

Fig. 2

25 cm Beam Transmissometer and Solar Irradiance Measurements

Tables 2 through 28 and Figures 3 through 29 show the measurements of beam transmittance and solar irradiance versus depth. The beam transmissometer consists essentially of a light emitting diode (peak output at 660 nm), collimating lenses placed 0.25 m apart and a photodiode detector. (The acceptance angle is minimized to a value of 1.82°.) The unit is calibrated to give an output voltage of 4.50 VDC in air, which corresponds to 90.0% transmission in clean water. The transmissometer error due to electronics, temperature compensation and instability is less than 0.5%; however, when the unit is coupled with the X-Y-Y recorder used, the error becomes ±1%. A complete description of the 25 cm beam transmissometer is given by Bartz, et al. (1978).

The percent transmission that is measured by the transmissometer is used to calculate a beam attenuation coefficient as follows:

$$T = e^{-cr}$$

where T = percent transmission

C = beam attenuation coefficient (m^{-1})

r = pathlength (m)

therefore, for a 0.25 m pathlength

$$C = -4 \ln T$$

The irradiance meter which was used has a flat opal glass diffuser as a cosine collector and contains a signal log amplifier to provide an output signal between ±4 VDC. The response of the irradiance meter is nearly flat over the range from 400 nm to 1000 nm. The output of the irradiance meter indicates the common logarithm of the irradiance versus depth. The outputs of the irradiance meter and the transmittance meter

are recorded simultaneously on the Y-axes of an X-Y-Y recorder. The X-axis denotes depth and it is driven by the pressure transducer.

Depth measurements were made with a Bourns 0-150 PSI (absolute) pressure transducer. The variations in maximum depth as measured by the transducer and indicated in the data are a consequence of the strong ocean and river currents which were encountered and which gave rise to large wire angles. These varying wire angles, when coupled with the fixed cable length resulted in varying maxima of depth penetration for the instruments.

Again, it should be noted that the station numbers in parentheses correspond to stations taken by the OSU group alone. All other station numbers are the same as those used by scientists from the Netherlands Institute for Sea Research.

SUMMARY OF TERMS LISTED (AND ACCURACY OF EACH)

Z - depth in meters (±1 m for stations deeper than 15 m; = 0.2 m for station shallower than 15 m)

%T - percent transmission (± 1%)

C - beam attenuation coefficent in m^{-1} (±0.05 m^{-1})

% Surface Irradiance - the percent of the irradiance at z = 0 m (±3%)

References

Bartz, R., J. R. V. Zaneveld, and H. Pak, 1978, A transmissometer for profiling moored observations in water, Proceedings of the Society of Photo-Optical Inst. Eng., V. 160, pp. 102-109.

Table 2

Station	Z(m)	%T	c(m^{-1})	% Surface Irradiance
5	0	71.0	1.370	100
	10	84	0.697	* .16
	20	88	0.511	.02
	30	86.5	0.580	-
	40	83.4	0.726	-
	50	84	0.697	-
	60	83.7	0.712	-
	64	83	0.745	-

* Depth	% Surface Irradiance
0	100
1	16
2	7.9
3	3.5
4	1.6
5	0.79
6	0.50
7	0.35
8	0.26
9	0.20
10	0.16

Table 3

Station	Z(m)	%T	c(m^{-1})	% Surface Irradiance
(5)	0	7	10.637	100
	1	4	12.876	6.3
	2	4.5	12.404	0.63
	3	5.8	11.389	0.05
	4	7	10.637	0.02
	5	5	11.983	0.01
	6	3.6	13.297	-
	7	5	11.983	-
	8	7	10.637	-
	9	7	10.637	-
	10	7	10.637	-
	11	7	10.637	-
	12	6.5	10.933	-
	B	6.5	10.933	-

Table 4

Station	Z(m)	%T	c(m^{-1})	% Surface Irradiance
(6)	0	7.3	10.469	100
	1	8.0	10.103	13
	2	7.8	10.204	0.79
	3	8.0	10.103	0.13
	4	8.0	10.103	0.04
	5	8.0	10.103	0.02
	6	8.0	10.103	0.01
	7	8.0	10.103	-
	8	8.0	10.103	-
	9	7.7	10.256	-
	10	7.4	10.415	-
	11	6.0	11.254	-
	B	5.8	11.389	-

Table 5

Station	Z(m)	%T	c(m^{-1})	% Surface Irradiance
(7)	0	5.3	11.750	100
	1	6.6	10.872	25
	2	8	10.103	2.5
	3	8	10.103	0.13
	4	7.7	10.255	0.03
	5	7.5	10.361	0.01
	6	7.4	10.415	-
	7	7.1	10.580	-
	8	7.5	10.361	-
	9	7.5	10.361	-
	10	7.4	10.415	-
	11	6.7	10.813	-
	B	6.4	10.995	-

Table 6

Station	Z(m)	%T	c(m^{-1})	% Surface Irradiance
(8)	0	6.3	11.058	100
	1	7.0	10.637	10
	2	7.3	10.469	1.0
	3	7.2	10.524	0.10
	4	7.2	10.524	0.03
	5	7.7	10.255	0.01
	6	7.9	10.153	-
	7	8.0	10.103	-
	8	8.1	10.053	-
	9	7.6	10.308	-
	10	7.5	10.361	-
	11	7.0	10.637	-
	B	6.8	10.752	-

Table 7

Station	Z(m)	%T	c(m^{-1})
(9)	0	16.5	7.207
	1	16.3	7.256
	2	16	7.330
	3	16	7.330
	4	16	7.330
	5	16.2	7.281
	6	24	5.708
	B	43	3.376

Table 8

Station	Z(m)	%T	c(m^{-1})
(10)	0	5	11.983
	1	14.5	7.724
	2	14	7.864
	3	14	7.864
	4	13.8	7.922
	5	13.5	8.010
	6	14	7.864
	7	14.5	7.724
	8	40	3.665
	9	43.5	3.330
	B	38	3.870

Table 9

Station	Z(m)	%T	c(m^{-1})
(11)	0	15	7.588
	1	15.5	7.457
	2	13.5	8.010
	3	13.1	8.130
	4	13.5	8.010
	5	13.5	8.010
	6	13.0	8.161
	7	13.0	8.161
	8	25.0	5.545
	9	43.5	3.330
	10	46.8	3.037
	B	20.0	6.438

Table 10

Station	Z(m)	%T	c(m^{-1})
(12)	0	3.3	13.645
	1	13.5	8.010
	2	13.0	8.161
	3	12.5	8.318
	4	11.5	8.651
	5	11.0	8.829
	6	10.0	9.210
	7	10.5	9.015
	8	10.5	9.015
	9	14.5	7.724
	10	9.5	9.416
	B	3.0	14.026

Table 11

Station	Z(m)	%T	c(m^{-1})
(13)	0	9	9.632
	1	8.5	9.860
	2	8	10.103
	3	7	10.637
	4	6.5	10.933
	5	6.0	11.254
	6	5.5	11.602
	7	3.7	13.187
	8	0.7	19.847
	9	0.5	21.193
	B	0.3	23.237

Table 12

Station	Z(m)	%T	c(m^{-1})
(14)	0	6	11.254
	1	12.5	8.318
	2	12.7	8.254
	3	11.0	8.829
	4	10.5	9.015
	5	10.5	9.015
	6	10.3	9.092
	7	16.0	7.330
	8	18.0	6.859
	B	37.0	3.977

Table 13

Station	Z(m)	%T	c(m^{-1})
(15)	0	8	10.103
	1	16	7.330
	2	18.5	6.750
	3	16.5	7.207
	4	10.5	9.015
	5	22.5	5.967
	6	30.5	4.750
	7	56.5	2.284
	8	59.5	2.077
	9	58.0	2.179
	B	55.0	2.391

Table 14

Station	Z(m)	%T	c(m^{-1})	% Surface Irradiance
(16)	0	18.0	6.859	100
	1	18.5	6.750	10
	2	17.3	7.018	1.0
	3	16.5	7.207	0.10
	4	17.5	6.972	0.02
	5	20.0	6.438	-
	6	30.5	4.750	-
	7	54.5	2.428	-
	8	60.7	1.997	-
	9	56.5	2.284	-
	B	51.0	2.693	-

Table 15

Station	Z(m)	%T	c(m^{-1})	% Surface Irradiance
13	0	5	11.983	100
	10	40.5	3.615	* -
	20	69.0	1.484	-
	30	76.5	1.072	-
	40	78.0	0.994	-

* Depth	% Surface Irradiance
0	100
1	10
2	0.63
3	0.06
4	0.01
5	-

Table 16

Station	Z(m)	%T	c(m^{-1})	% Surface Irradiance
15	0	14	7.864	100
	10	68.5	1.513	* -
	20	73	1.259	-
	30	67.5	1.572	-
	40	59.0	2.110	-
	50	49.5	2.813	-
	60	41	3.566	-
	64	36	4.087	-

* Depth	% Surface Irradiance
0	100
1	13
2	0.32
3	0.03
4	0.01
5	-
6	-

Table 17

Station	Z(m)	%T	c(m^{-1})
18	0	7.0	10.637
	1	19.3	6.580
	2	20.2	6.398
	3	39.0	3.766
	4	48.5	2.894
	5	63.0	1.848
	6	60.0	2.043
	7	60.9	1.984
	8	60.5	2.010
	B	60.5	2.010

Table 18

Station	Z(m)	%T	c(m^{-1})	% Surface Irradiance
20	0	67.8	1.554	100
	10	85.5	0.627	0.50
	20	77.8	1.004	0.06
	30	56.5	2.284	-
	40	73.7	1.221	-
	50	75.0	1.151	-
	60	75.0	1.151	-
	61	75.9	1.103	-

Table 19

Station	Z(m)	%T	c(m^{-1})	% Surface Irradiance
21	0	65.0	1.723	100
	1	70.3	1.410	20
	2	80.0	0.893	10
	3	81.4	0.823	5.0
	4	80.9	0.848	2.5
	5	80.9	0.848	1.3
	6	77.3	1.030	0.63
	7	70.0	1.427	0.40
	8	68.3	1.525	0.20
	9	64.1	1.779	0.13
	10	57.0	2.248	0.06
	B	55.0	2.391	0.03

Table 20

Station	Z(m)	%T	c(m^{-1})	% Surface Irradiance
29	0	82.5	0.769	100
	10	85.7	0.617	16
	20	88.7	0.480	3.2
	30	89.3	0.453	1.0
	40	89.4	0.448	0.50
	50	88.7	0.480	0.25
	60	87.4	0.539	0.13
	70	86.6	0.575	0.06
	76	85.5	0.627	0.05

Table 21

Station	Z(m)	%T	c(m^{-1})	% Surface Irradiance
32	0	88.0	0.511	100
	10	83.5	0.721	7.9
	20	83.9	0.702	1.0
	30	8.15	0.818	0.25
	38	81.2	0.833	0.13

Table 22

Station	Z(m)	%T	c(m^{-1})	% Surface Irradiance
35	0	88.5	0.489	100
	10	88.7	0.480	20
	20	86.4	0.585	6.3
	30	88.9	0.471	2.0
	40	87.5	0.534	1.0
	50	86.2	0.594	0.50
	60	85.0	0.650	0.32
	68	83.3	0.731	0.20

Table 23

Station	Z(m)	%T	c(m^{-1})	% Surface Irradiance
36	0	86.4	0.585	100
	10	87.5	0.534	40
	20	85.8	0.613	20
	30	83.0	0.745	6.3
	40	86.5	0.580	2.0
	50	87.0	0.557	0.79
	60	86.0	0.603	0.32
	69	85.0	0.650	0.20

Table 24

Station	Z(m)	%T	c(m^{-1})	% Surface Irradiance
37	0	88.1	0.507	100
	10	88.3	0.498	50
	20	88.0	0.511	25
	30	79.5	0.918	4.0
	40	84.5	0.677	0.79
	50	84.5	0.674	0.25
	60	85.0	0.650	0.06
	70	85.0	0.650	0.04

Table 25

Station	Z(m)	%T	c(m^{-1})	% Surface Irradiance
39	0	89.5	0.444	100
	10	89.5	0.444	32
	20	89.3	0.453	20
	30	88.0	0.511	13
	40	88.5	0.489	4.0
	50	89.5	0.444	1.6
	60	89.5	0.444	0.79
	70	89.0	0.466	0.40
	75	87.6	0.530	0.25

Table 26

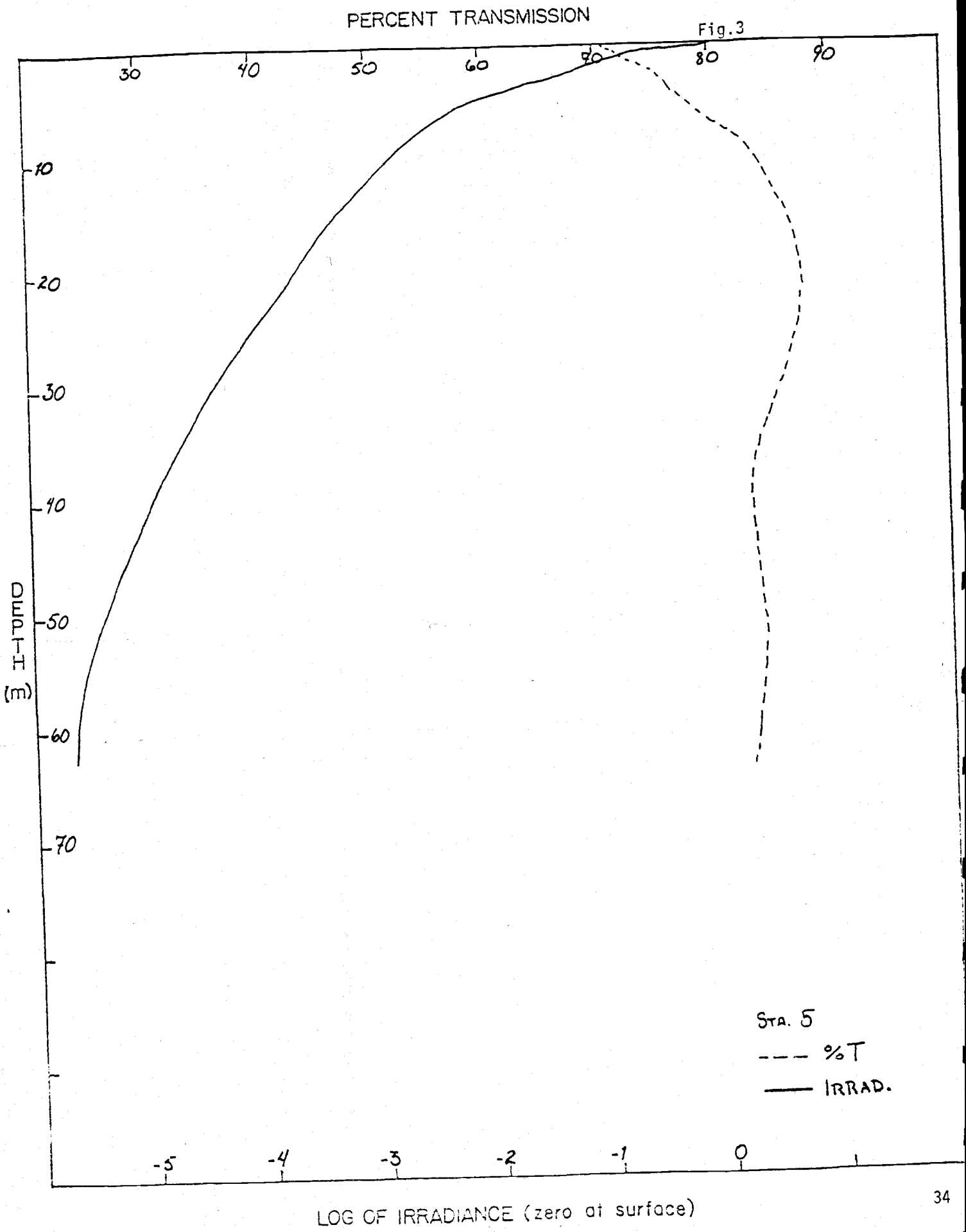
Station	Z(m)	%T	c(m^{-1})	% Surface Irradiance
41	0	90.8	0.386	100
	10	90.9	0.382	32
	20	90.5	0.399	20
	30	90.0	0.421	13
	40	86.0	0.603	6.3
	50	86.8	0.566	3.2
	60	88.4	0.493	1.6
	64	90.0	0.421	1.3

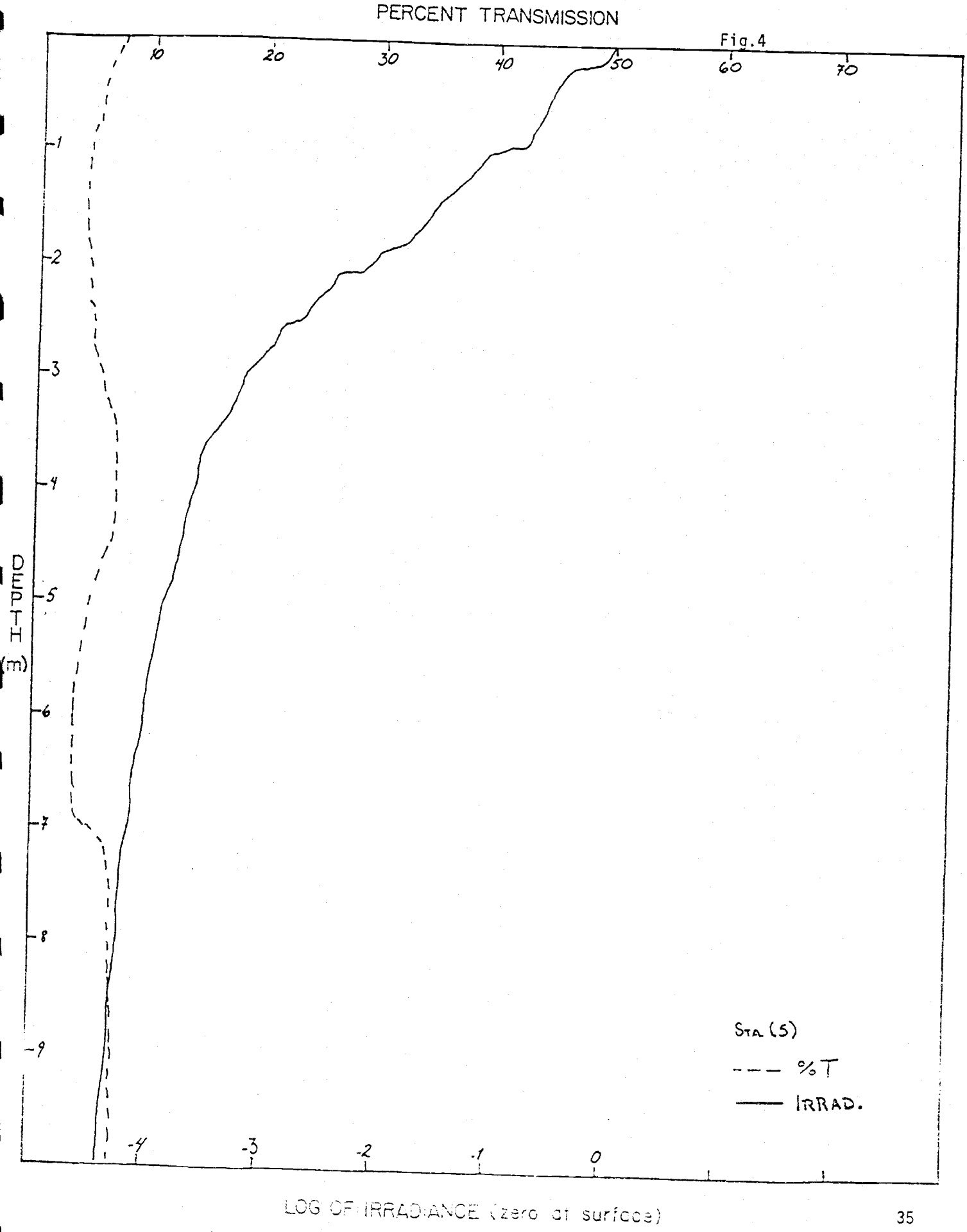
Table 27

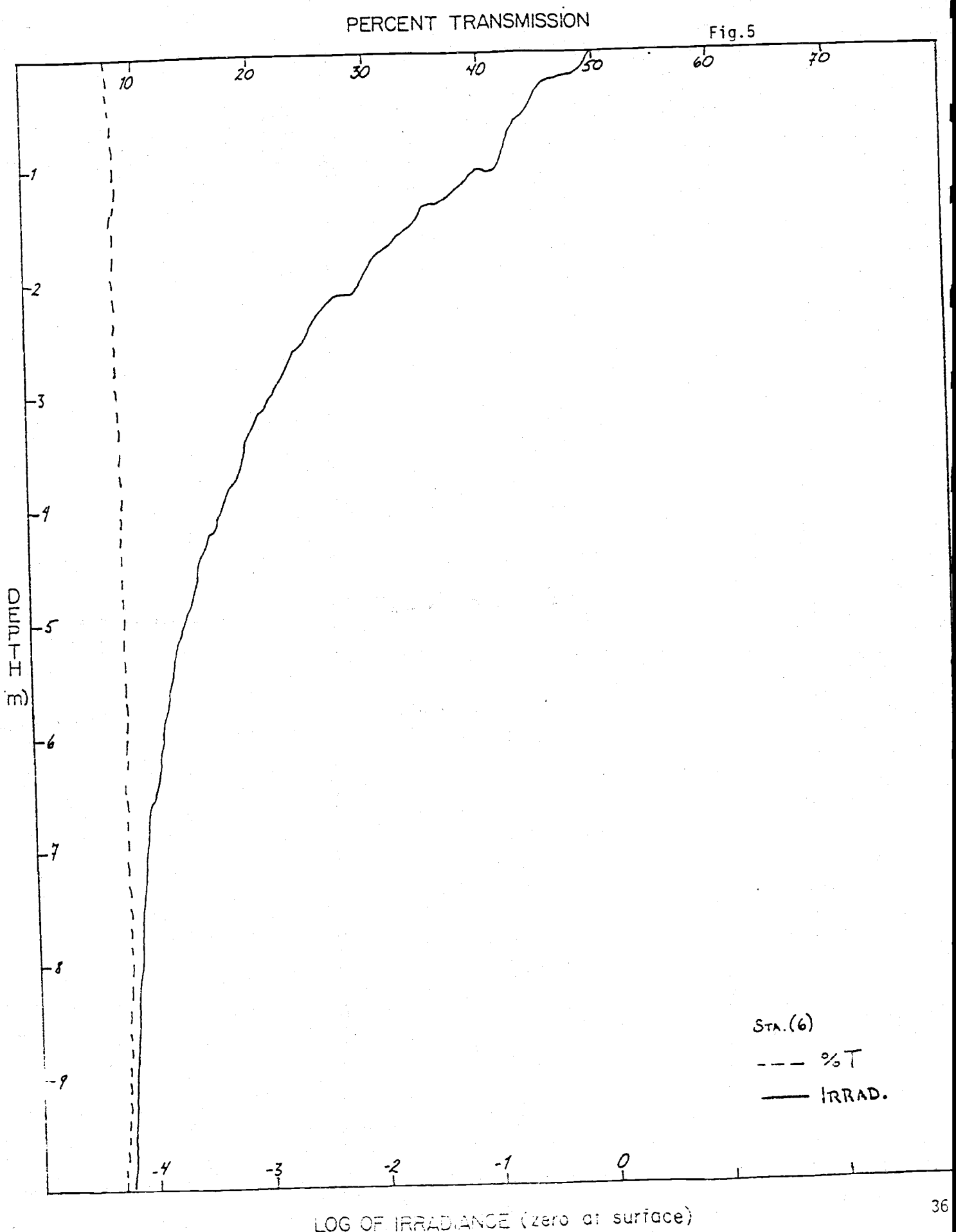
Station	Z(m)	%T	c(m^{-1})	% Surface Irradiance
44	0	85.0	0.650	100
	10	88.1	0.507	32
	20	85.0	0.650	10
	30	85.2	0.641	2.5
	40	86.6	0.575	1.3
	50	86.5	0.580	0.63
	60	86.5	0.580	0.25
	70	85.5	0.627	0.18

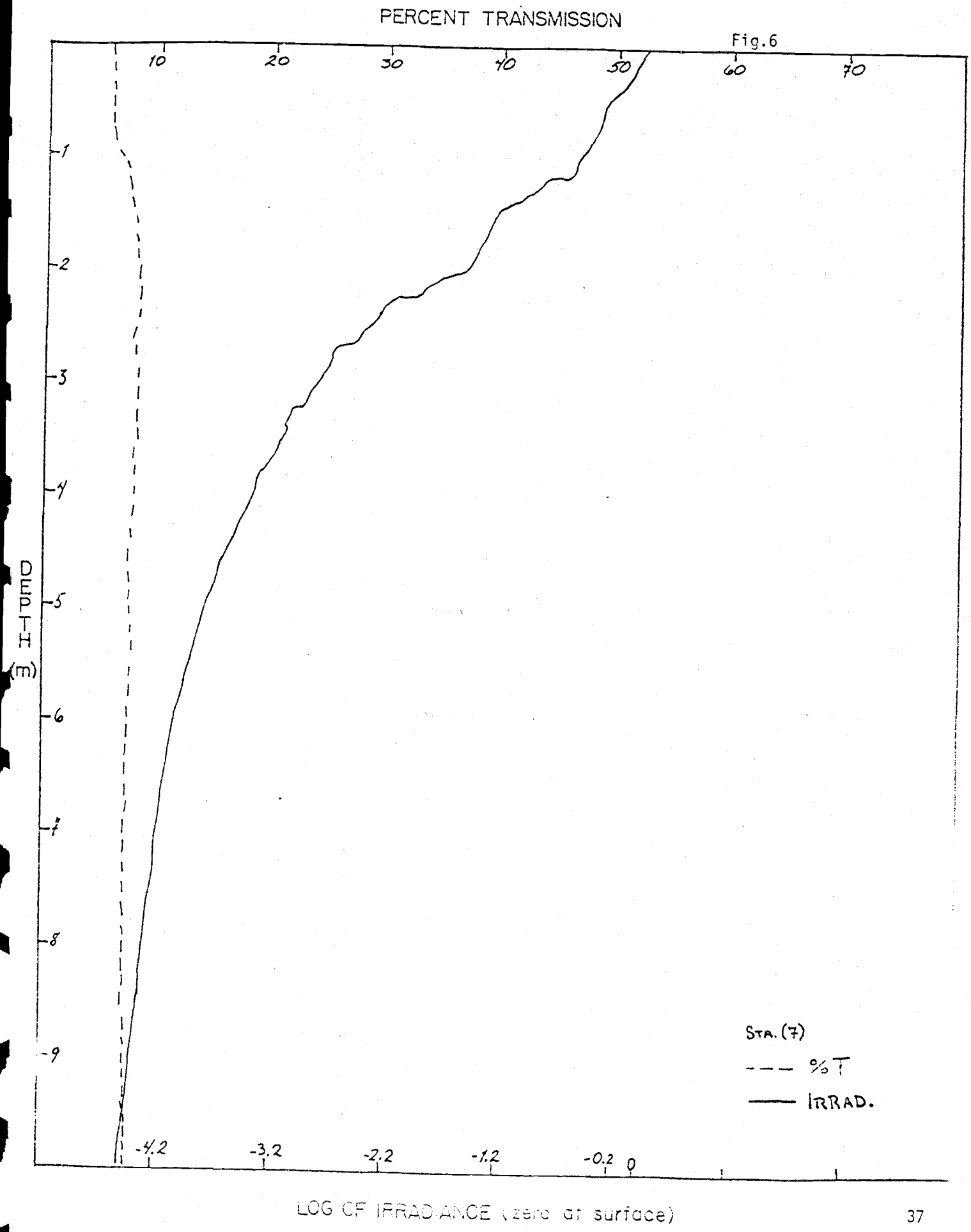
Table 28

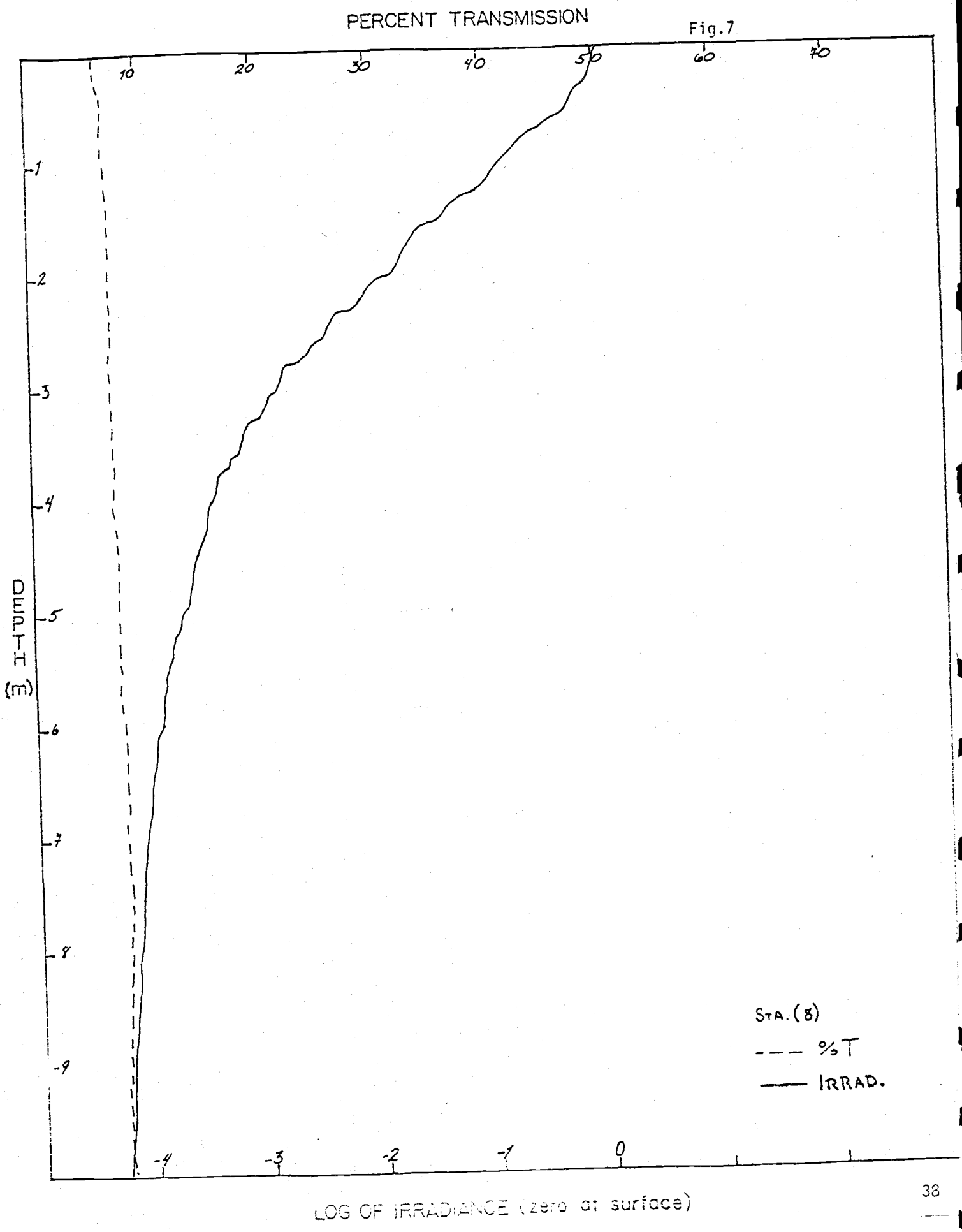
Station	Z(m)	%T	c(m^{-1})	% Surface Irradiance
46	0	80.0	0.893	100
	10	82.5	0.769	20
	20	82.3	0.779	4.0
	30	88.7	0.480	2.0
	40	88.5	0.489	1.0
	50	87.3	0.543	0.40
	60	86.8	0.566	0.20
	70	86.3	0.589	0.13
	78	85.5	0.627	0.08

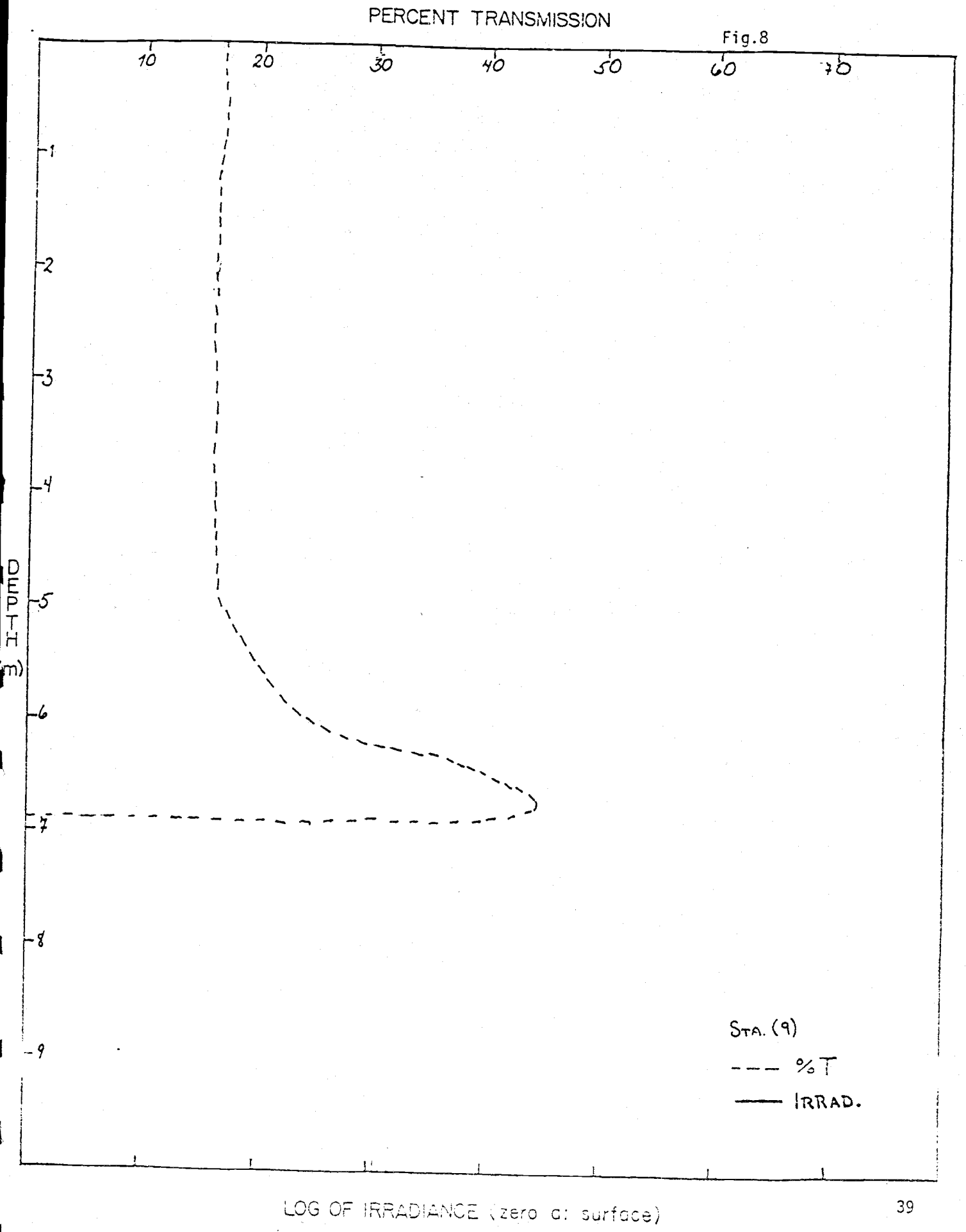

PERCENT TRANSMISSION
Fig.3
30
40
50
60
70
80
90
10
20
30
40
50
60
70
DEPTH (m)
STA. 5
%T
IRRAD.
-5
-4
-3
-2
-1
0
LOG OF IRRADIANCE (zero at surface)

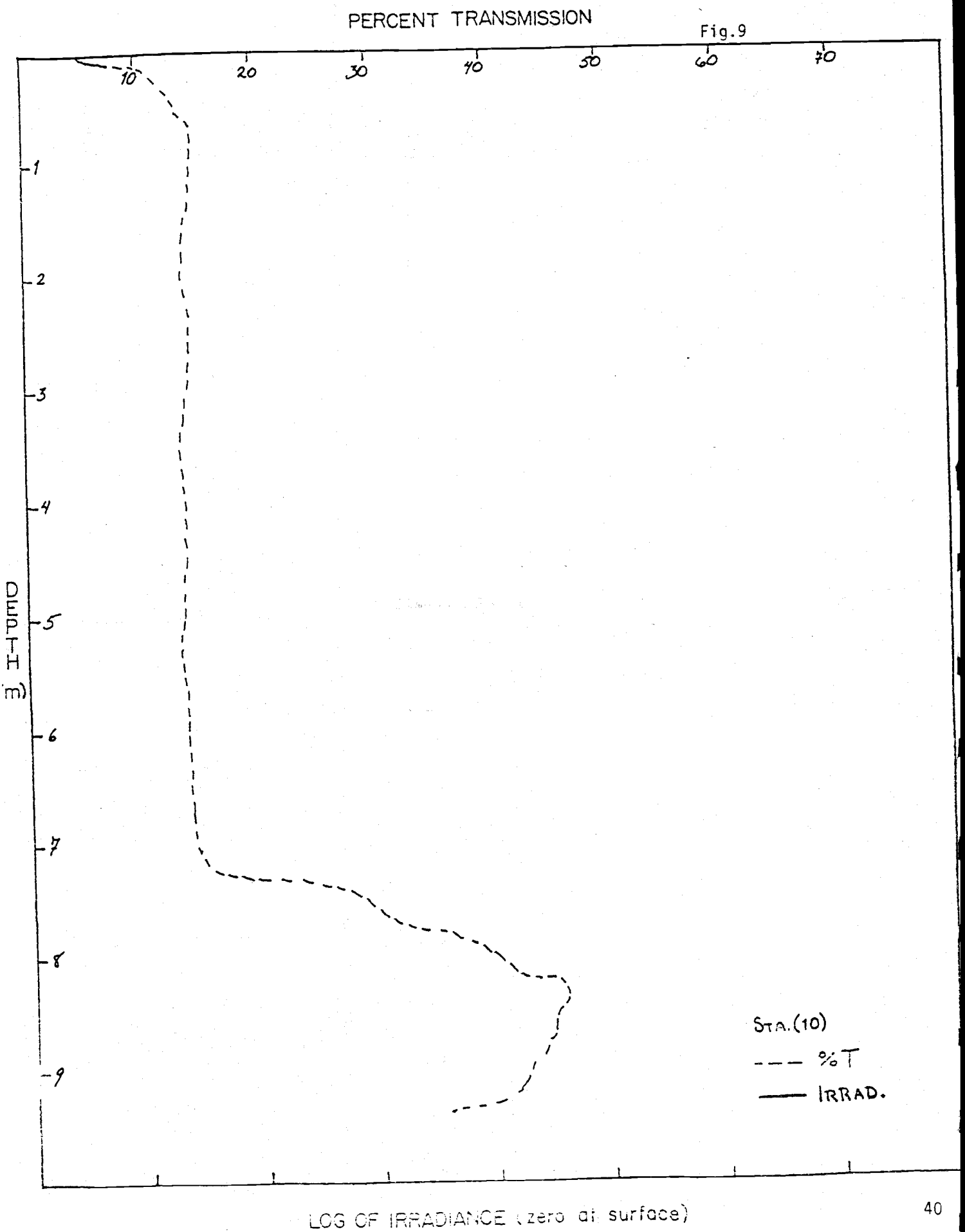

PERCENT TRANSMISSION
Fig.4
10
20
30
40
50
60
70
DEPTH (m)
1
2
3
4
5
6
7
8
9
STA (5)
--- %T
—— IRRAD.
-4
-3
-2
-1
0
LOG OF IRRADIANCE (zero at surface)

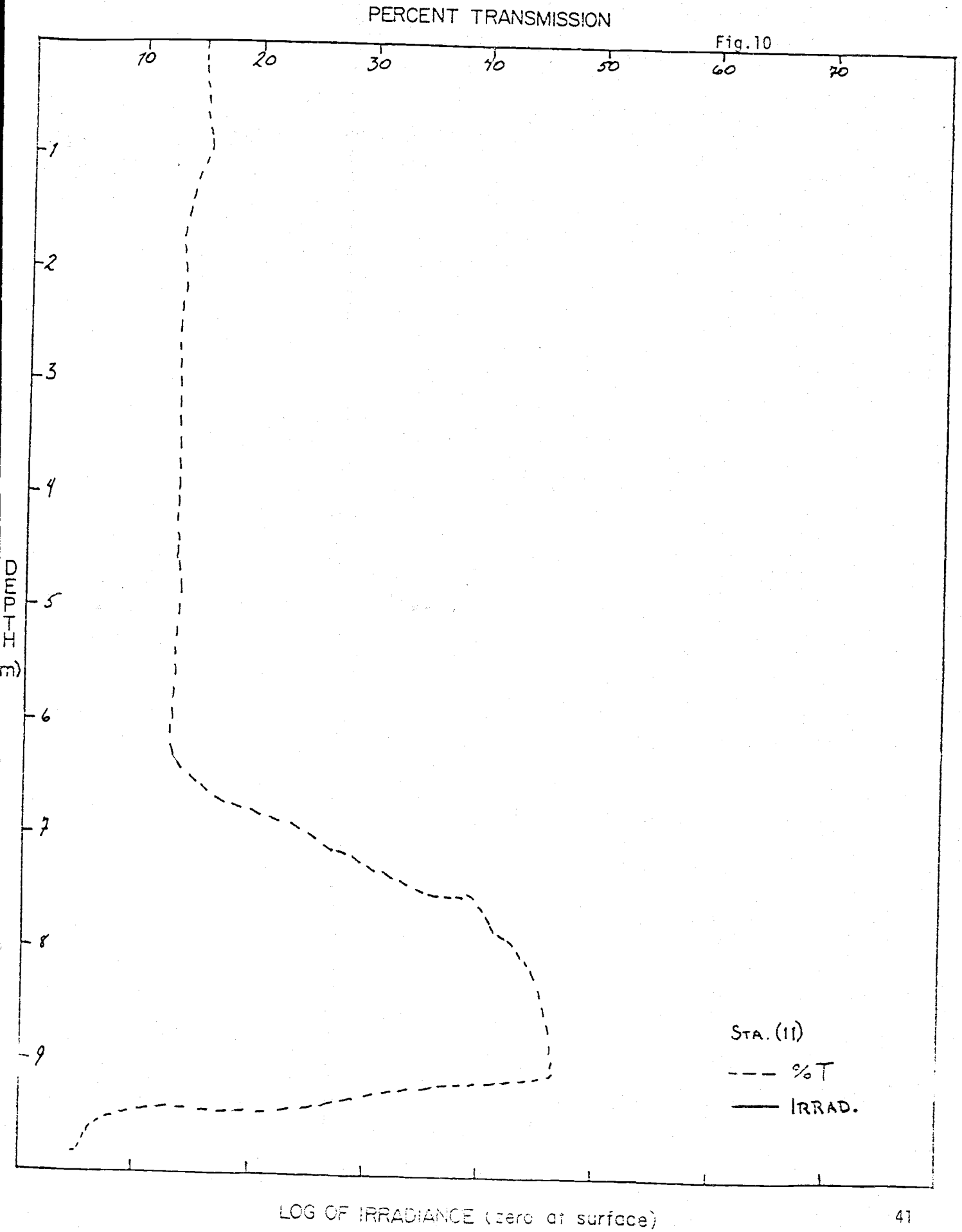

PERCENT TRANSMISSION
Fig.5
10
20
30
40
50
60
70
1
2
3
4
5
6
7
8
9
DEPTH (m)
STA.(6)
--- %T
—— IRRAD.
-4
-3
-2
-1
0
LOG OF IRRADIANCE (zero at surface)

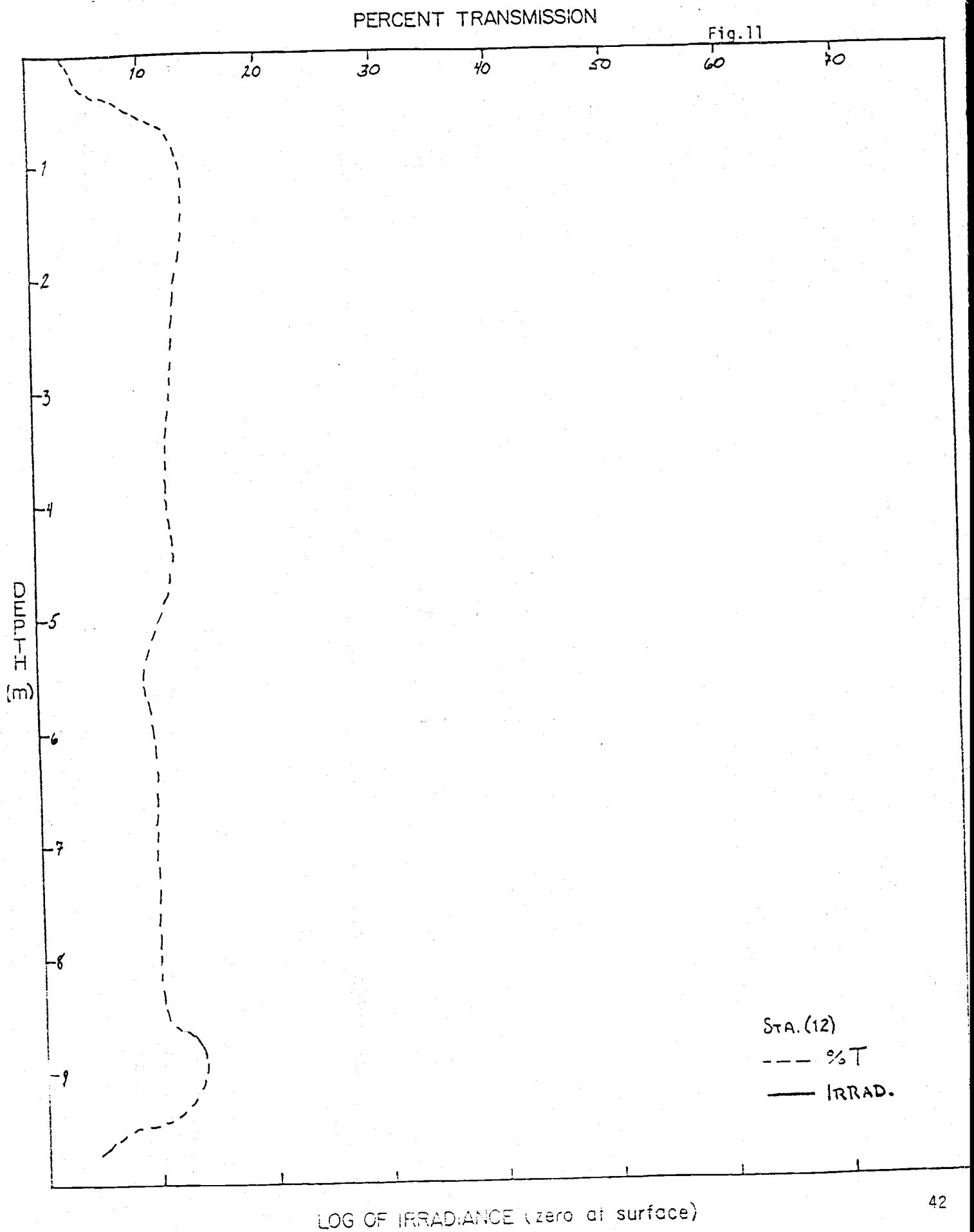

PERCENT TRANSMISSION
Fig.6
10
20
30
40
50
60
70
DEPTH (m)
1
2
3
4
5
6
7
8
9
STA. (7)
--- %T
—— IRRAD.
-4.2
-3.2
-2.2
-1.2
-0.2
0
LOG OF IRRADIANCE (zero at surface)

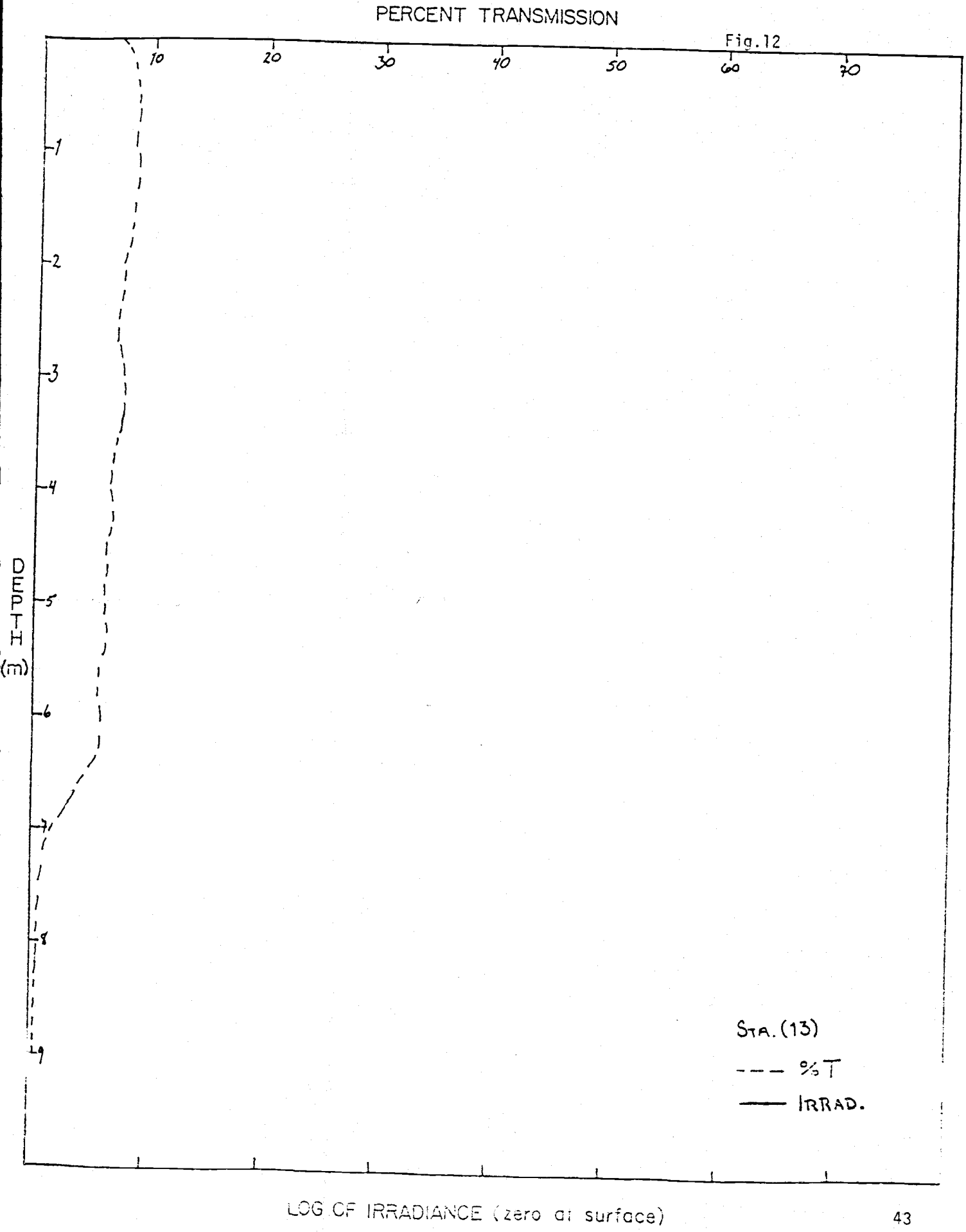

PERCENT TRANSMISSION
Fig.7
10
20
30
40
50
60
70
1
2
3
4
5
6
7
8
9
DEPTH (m)
STA. (8)
%T
IRRAD.
-4
-3
-2
-1
0
LOG OF IRRADIANCE (zero at surface)

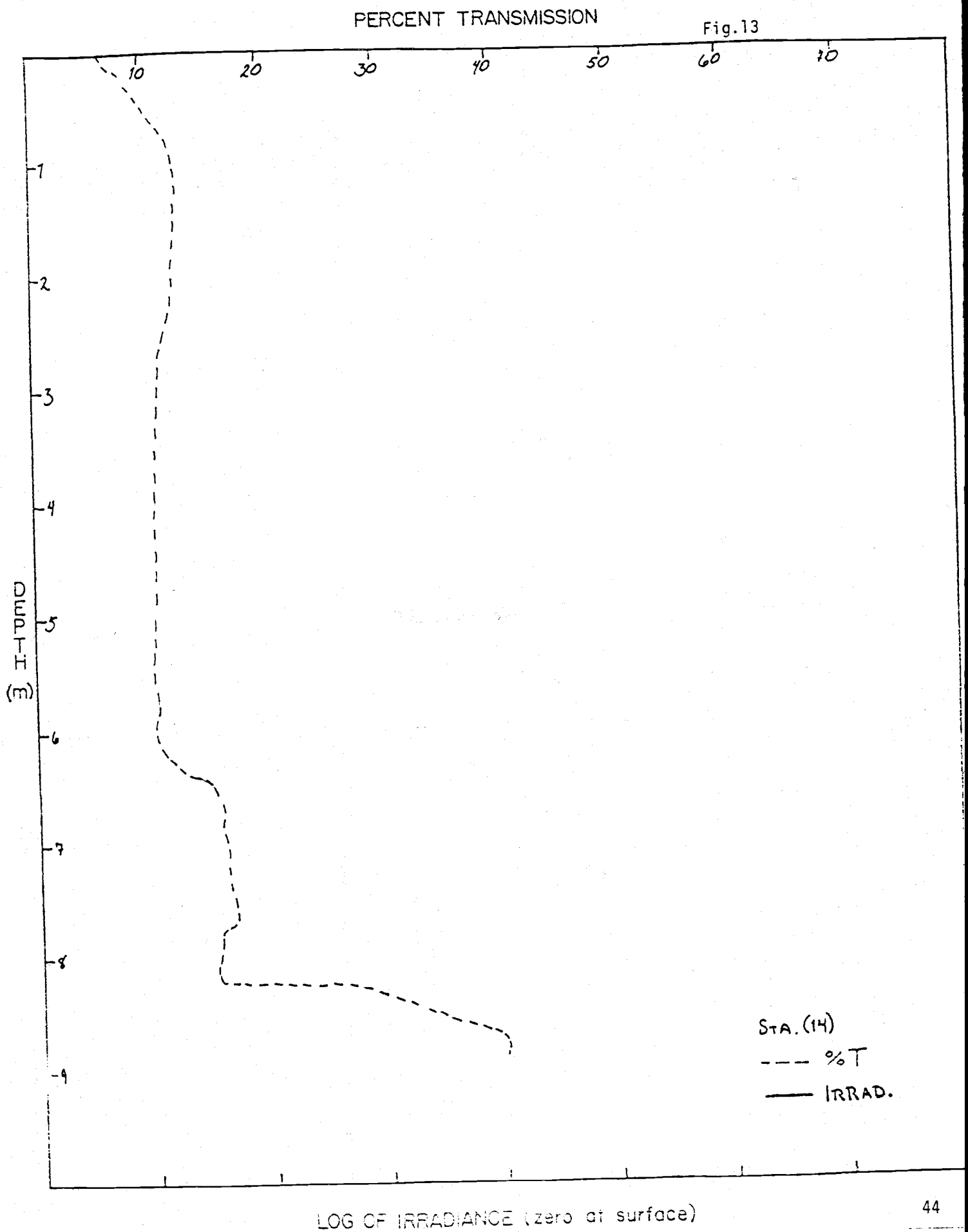

PERCENT TRANSMISSION
Fig.8
10
20
30
40
50
60
70
1
2
3
4
5
6
7
8
9
DEPTH (m)
STA. (9)
%T
IRRAD.
LOG OF IRRADIANCE (zero at surface)

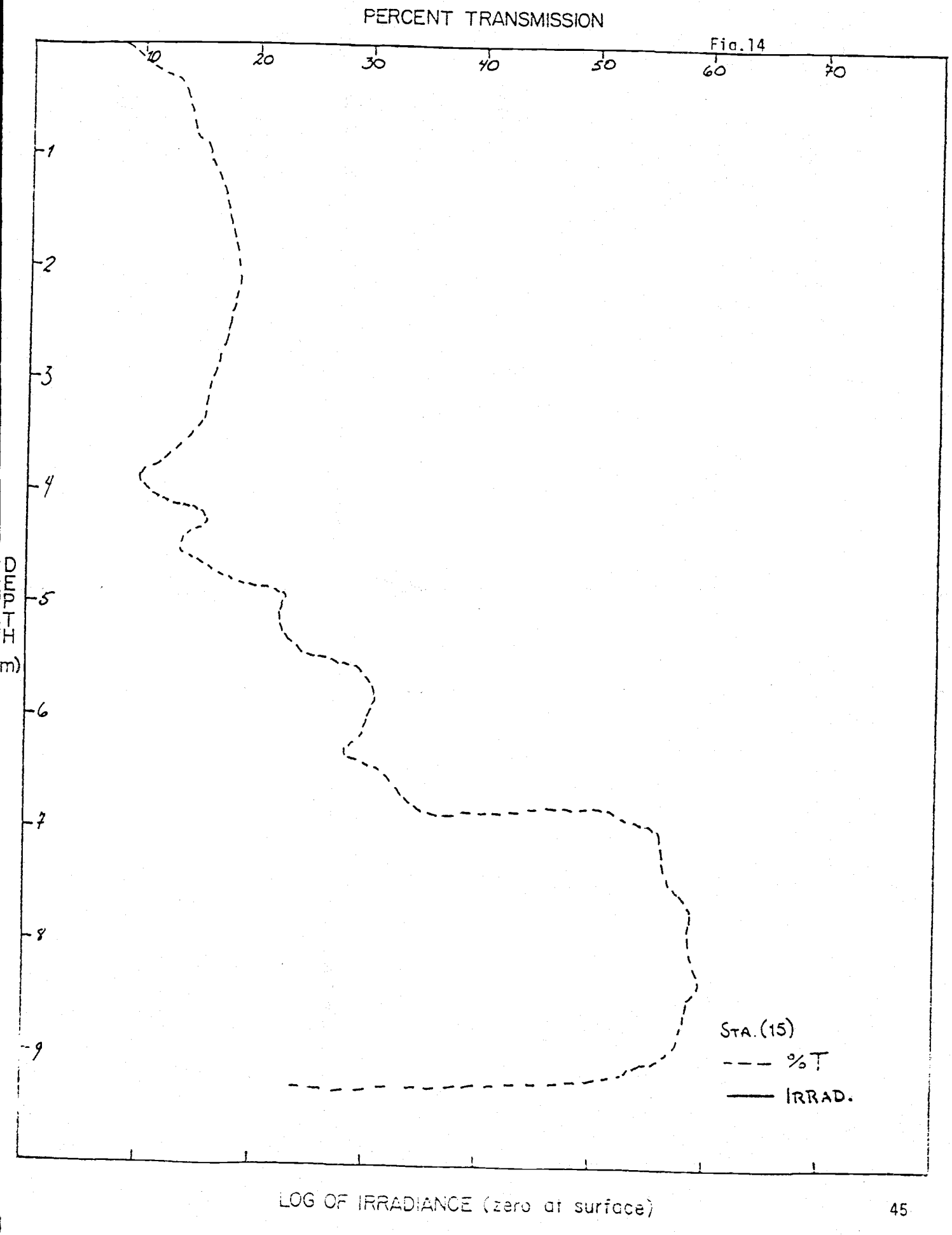

PERCENT TRANSMISSION
Fig.9
10
20
30
40
50
60
70
1
2
3
4
5
6
7
8
9
DEPTH (m)
STA.(10)
%T
IRRAD.
LOG OF IRRADIANCE (zero at surface)

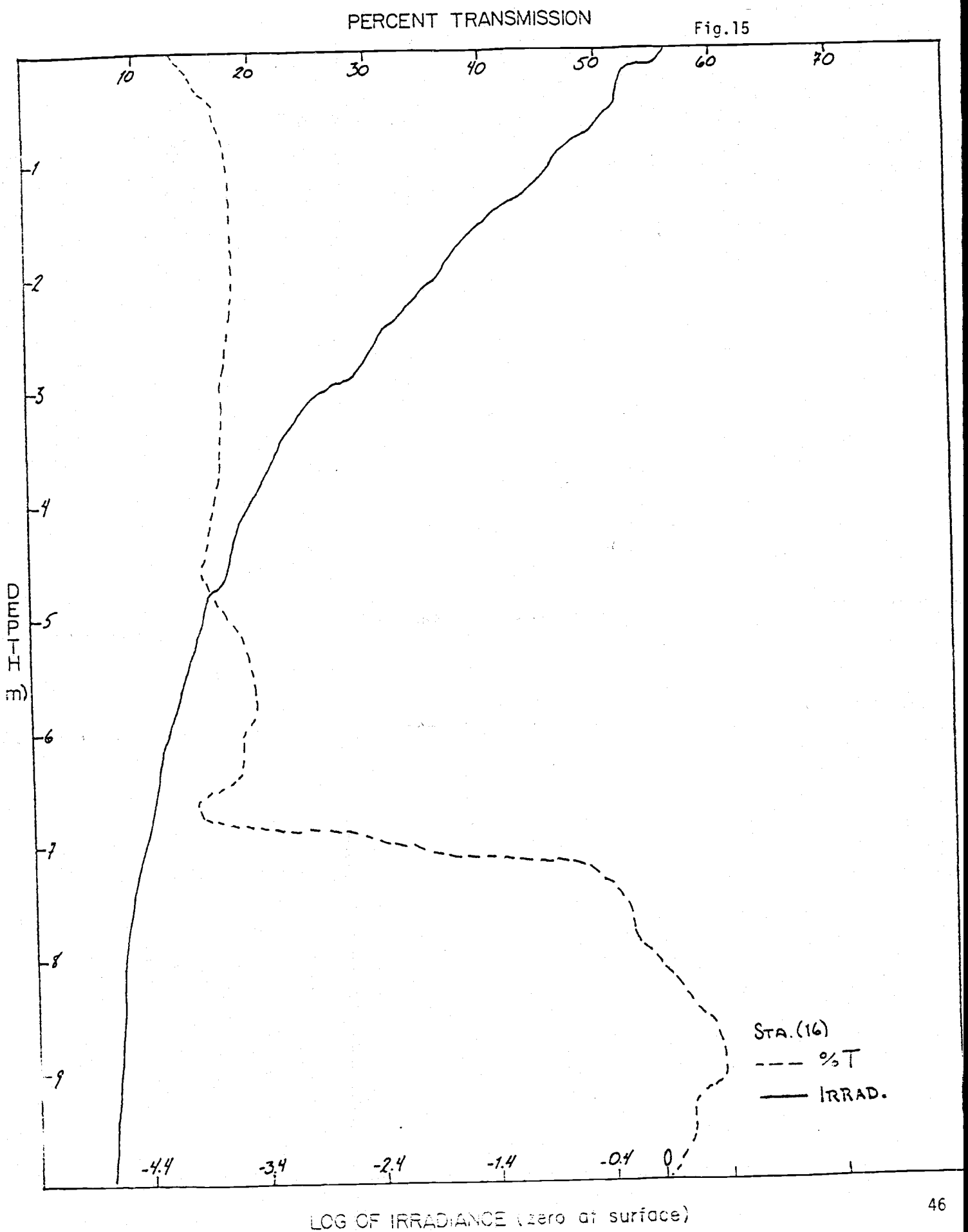

PERCENT TRANSMISSION
Fig.10
10
20
30
40
50
60
70
1
2
3
4
5
6
7
8
9
DEPTH (m)
STA. (11)
%T
IRRAD.
LOG OF IRRADIANCE (zero at surface)

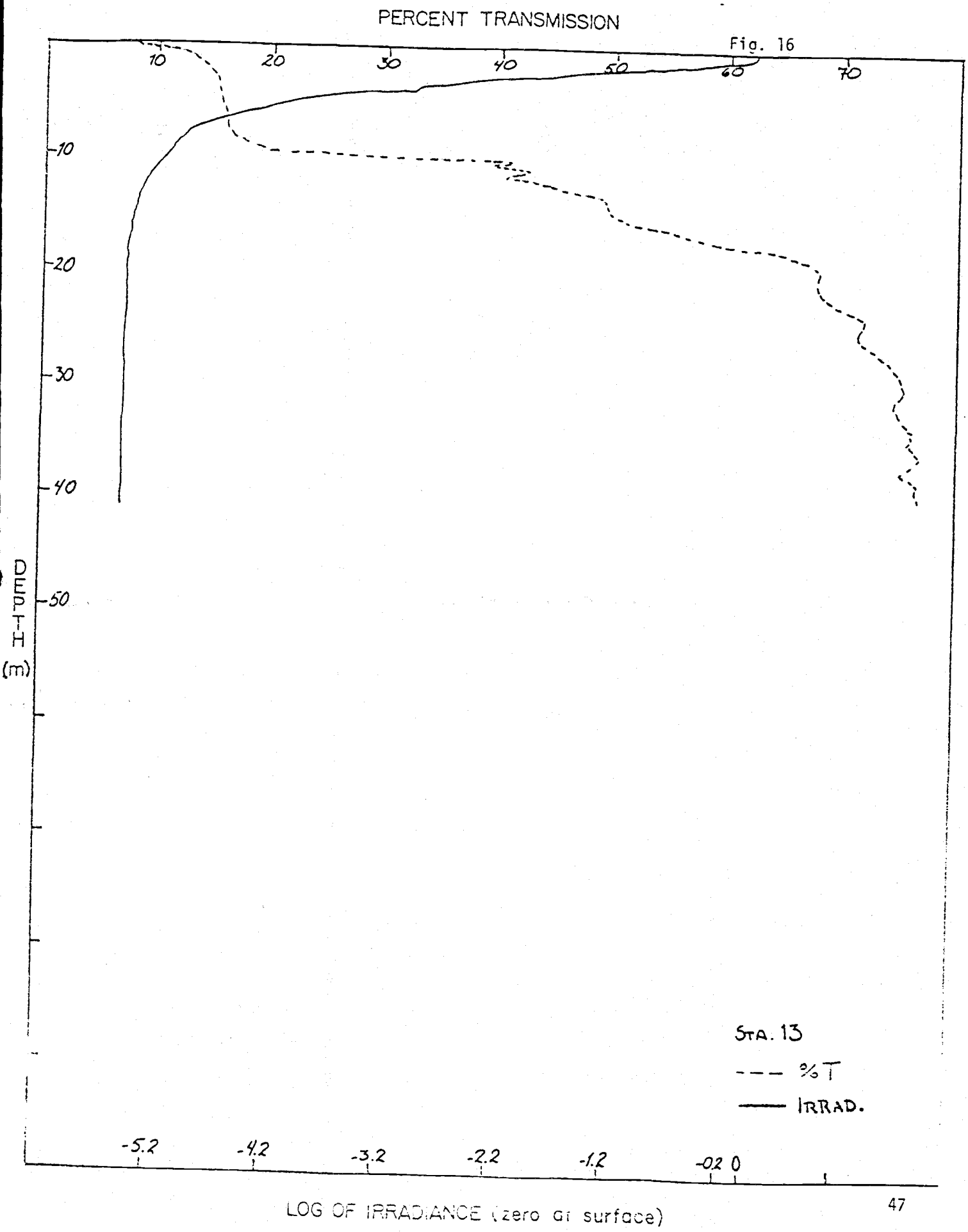

PERCENT TRANSMISSION
Fig.11
10
20
30
40
50
60
70
1
2
3
4
5
6
7
8
9
DEPTH (m)
STA. (12)
--- %T
—— IRRAD.
LOG OF IRRADIANCE (zero at surface)

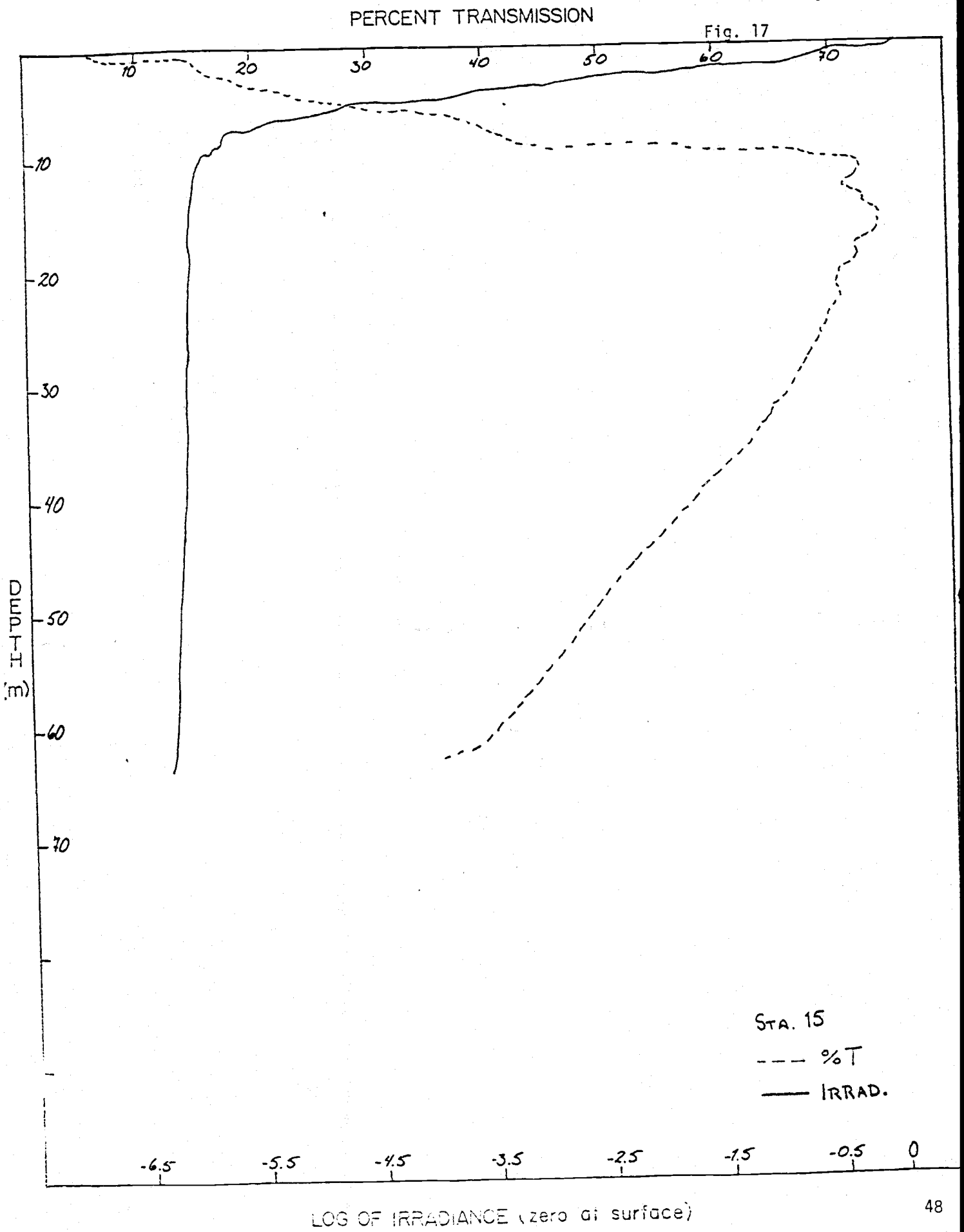

PERCENT TRANSMISSION
Fig.12
10
20
30
40
50
60
70
1
2
3
4
5
6
7
8
9
DEPTH (m)
STA. (13)
--- %T
—— IRRAD.
LOG OF IRRADIANCE (zero at surface)

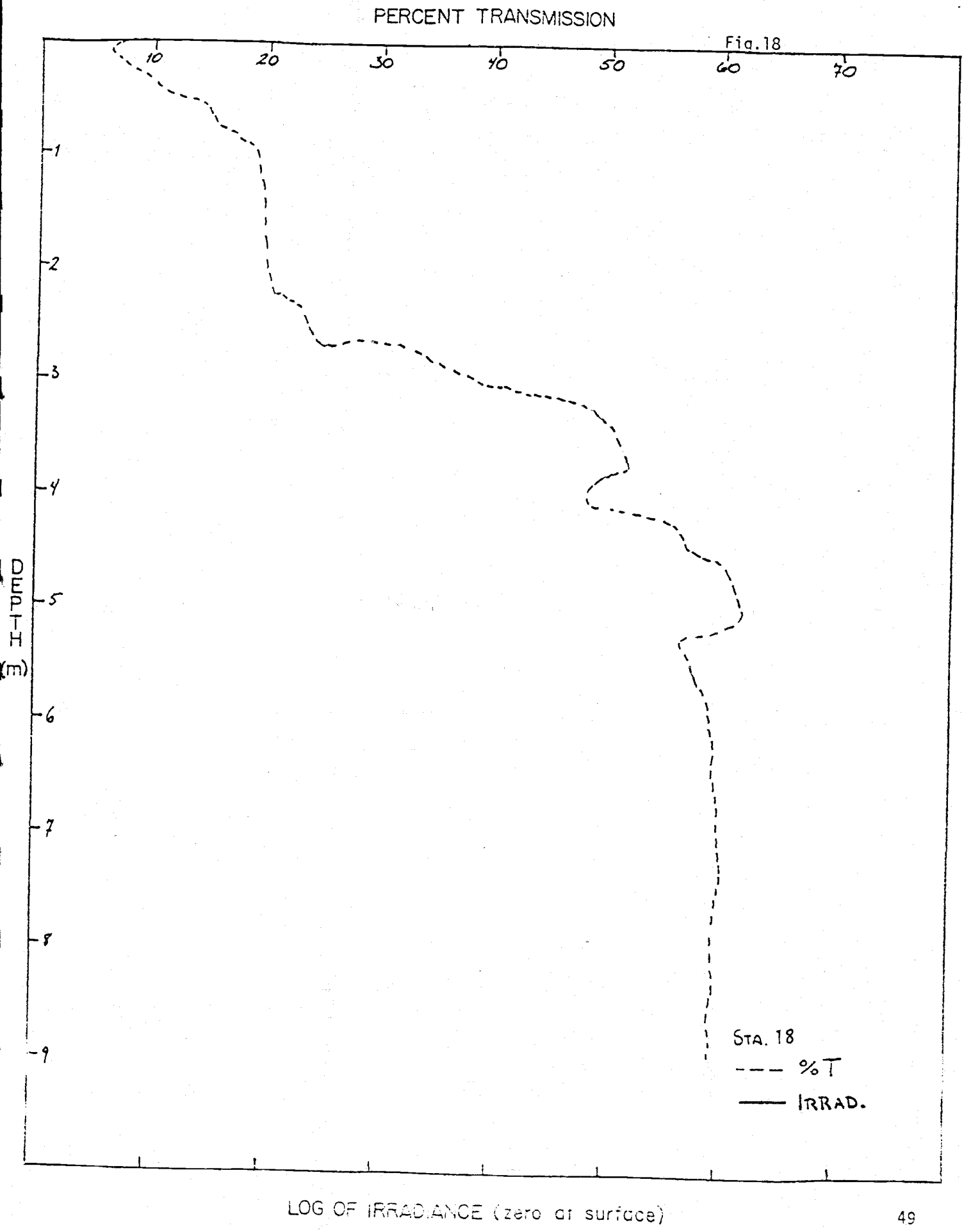

PERCENT TRANSMISSION
Fig.13
10
20
30
40
50
60
70
DEPTH (m)
1
2
3
4
5
6
7
8
9
STA. (14)
%T
IRRAD.
LOG OF IRRADIANCE (zero at surface)

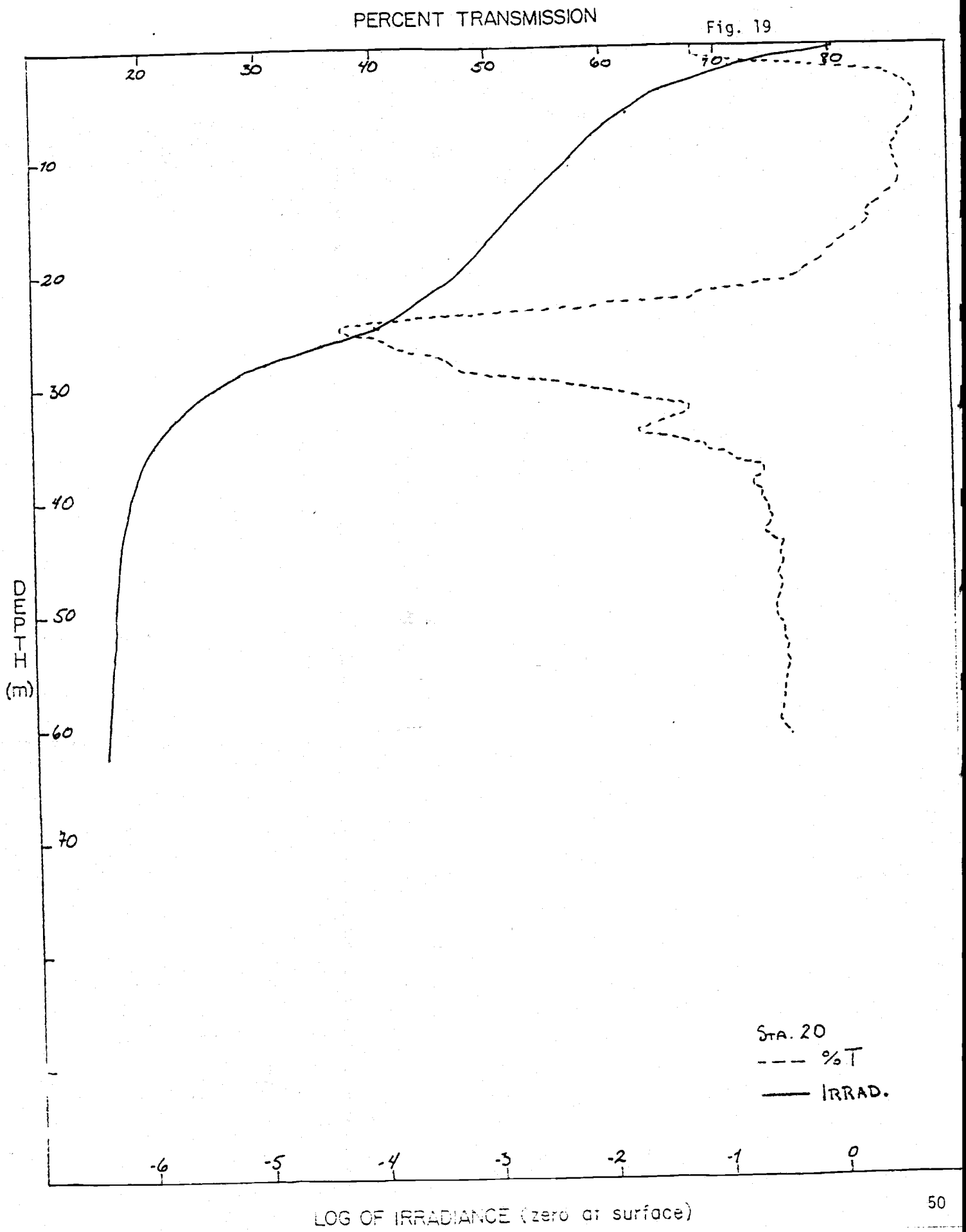

PERCENT TRANSMISSION
Fig. 14
10
20
30
40
50
60
70
1
2
3
4
5
6
7
8
9
DEPTH
m)
STA. (15)
% T
IRRAD.
LOG OF IRRADIANCE (zero at surface)

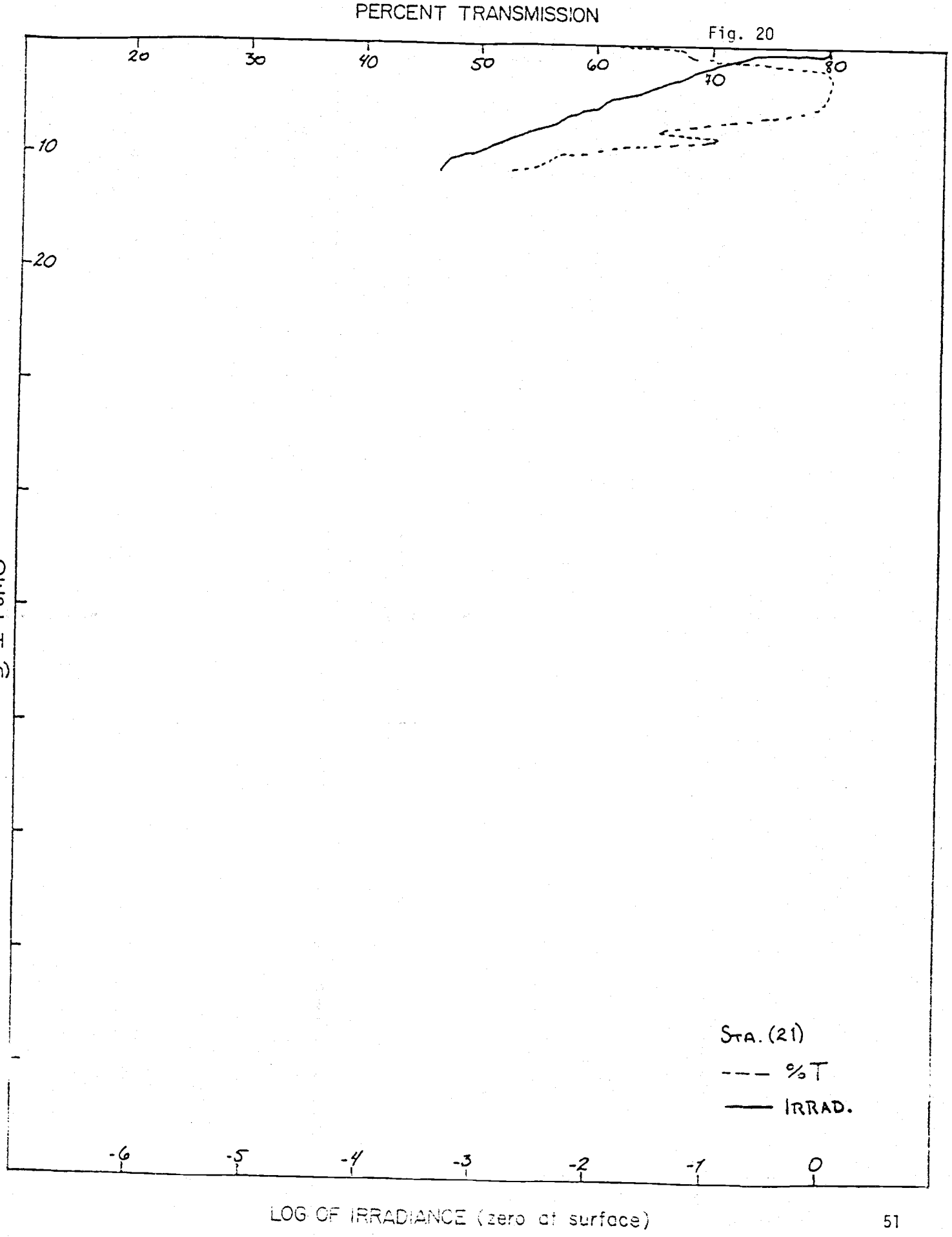

PERCENT TRANSMISSION
Fig.15
10
20
30
40
50
60
70
1
2
3
4
5
6
7
8
9
DEPTH (m)
STA.(16)
% T
IRRAD.
-4.4
-3.4
-2.4
-1.4
-0.4
0
LOG OF IRRADIANCE (zero at surface)

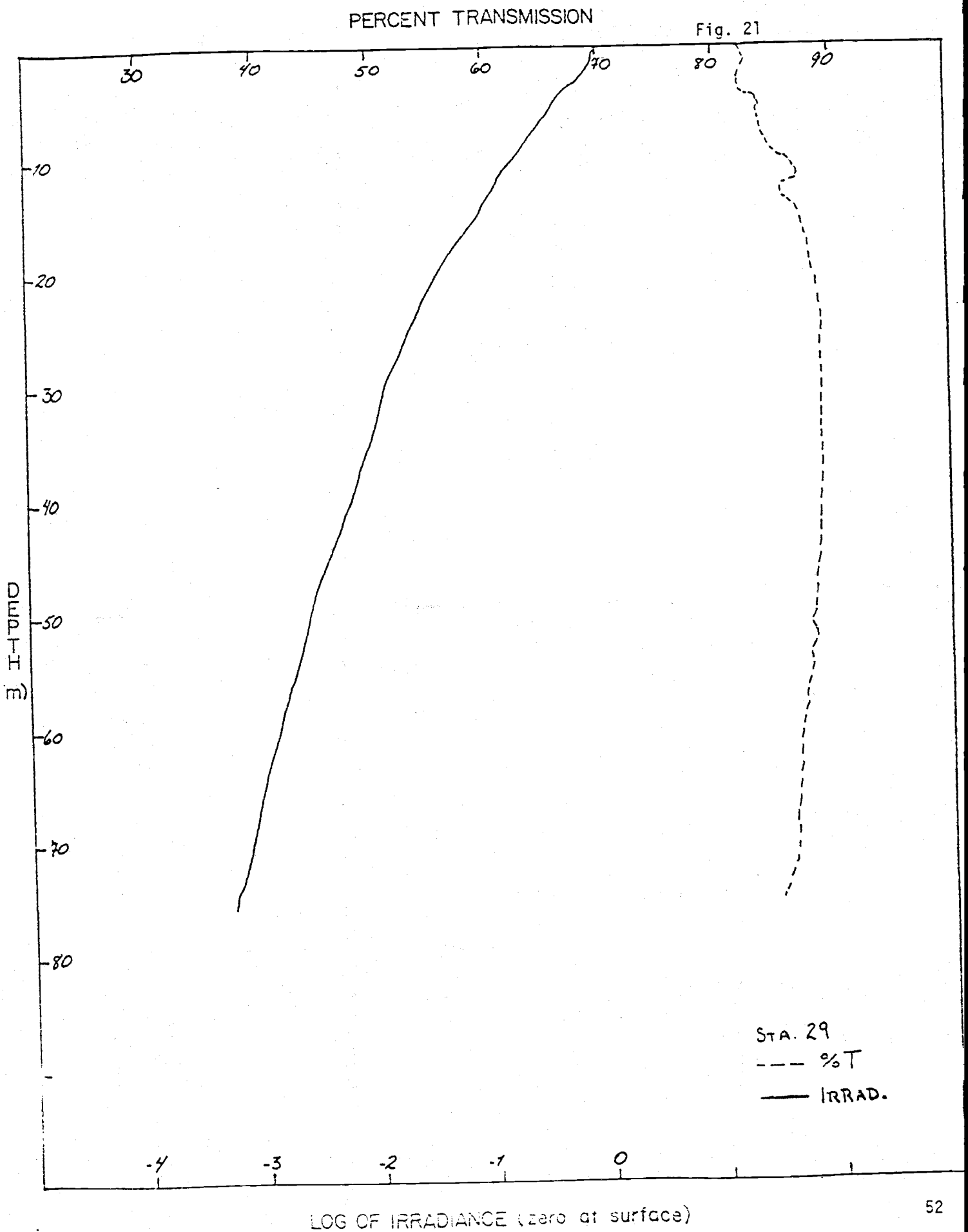

PERCENT TRANSMISSION
Fig. 16
10
20
30
40
50
60
70
-10
-20
-30
-40
-50
DEPTH (m)
STA. 13
--- %T
—— IRRAD.
-5.2
-4.2
-3.2
-2.2
-1.2
-0.2
0
LOG OF IRRADIANCE (zero at surface)

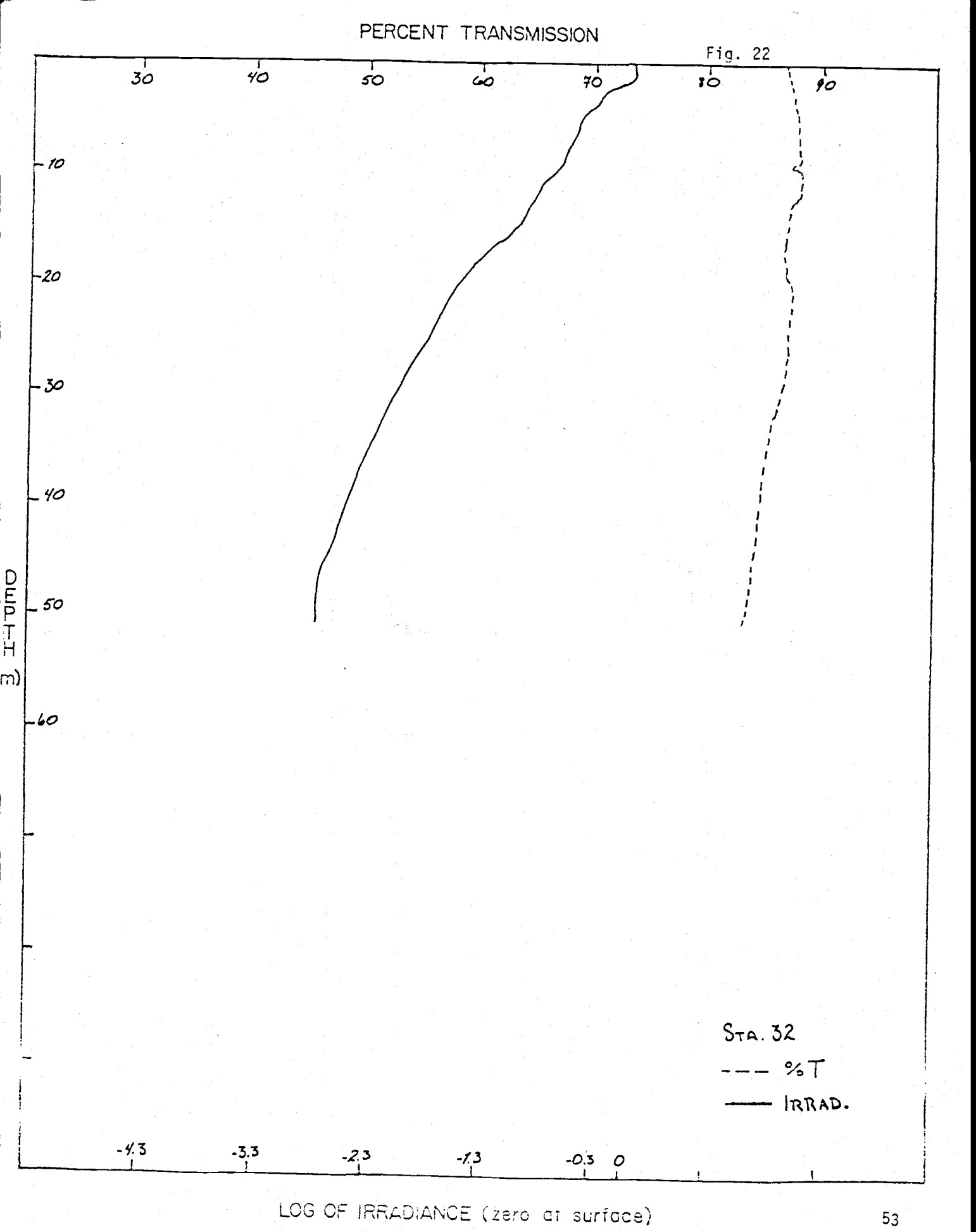

PERCENT TRANSMISSION
Fig. 17
10
20
30
40
50
60
70
DEPTH (m)
10
20
30
40
50
60
70
STA. 15
--- %T
—— IRRAD.
-6.5
-5.5
-4.5
-3.5
-2.5
-1.5
-0.5
0
LOG OF IRRADIANCE (zero at surface)

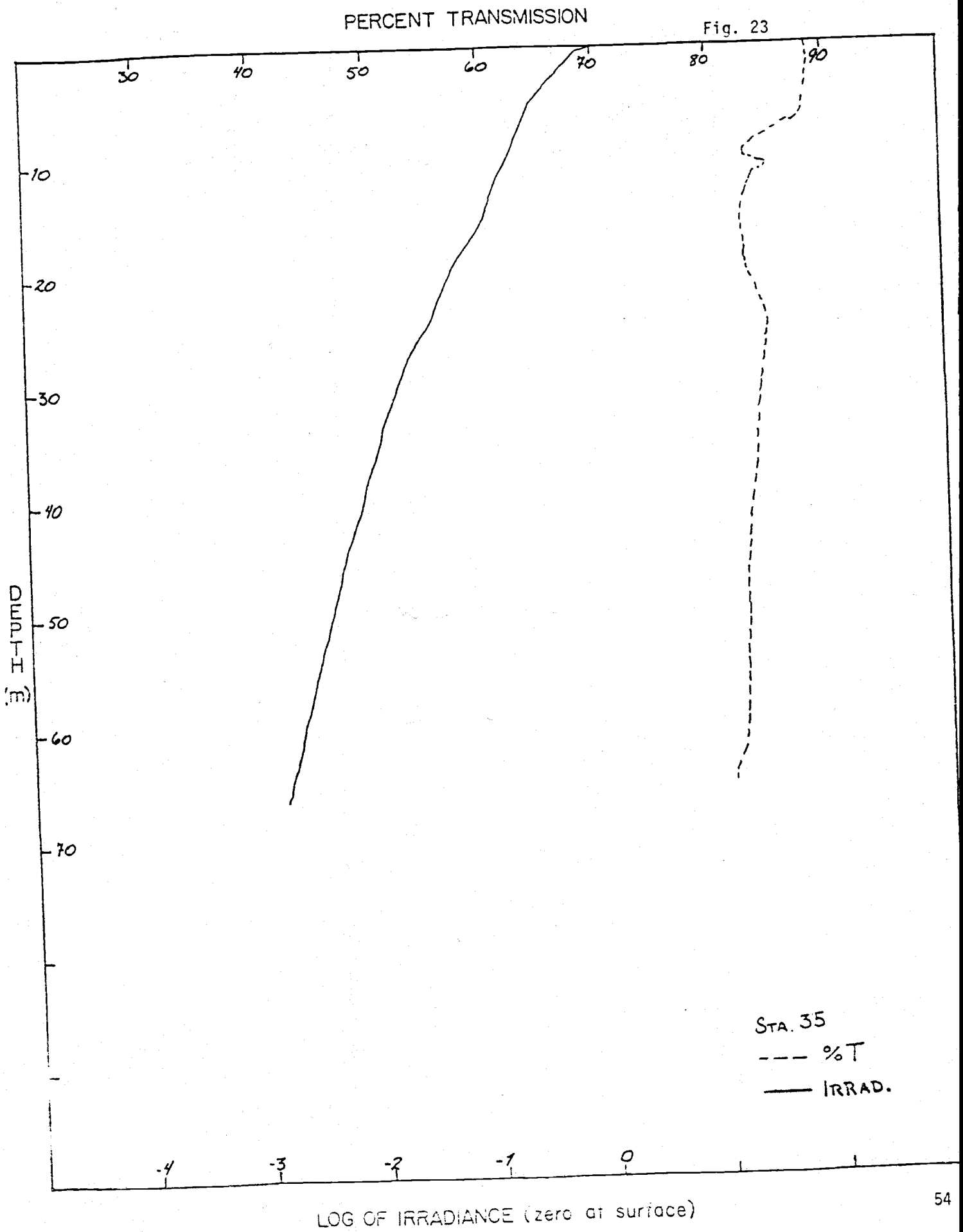

PERCENT TRANSMISSION
Fig. 18
10
20
30
40
50
60
70
1
2
3
4
5
6
7
8
9
DEPTH (m)
STA. 18
--- %T
—— IRRAD.
LOG OF IRRADIANCE (zero at surface)

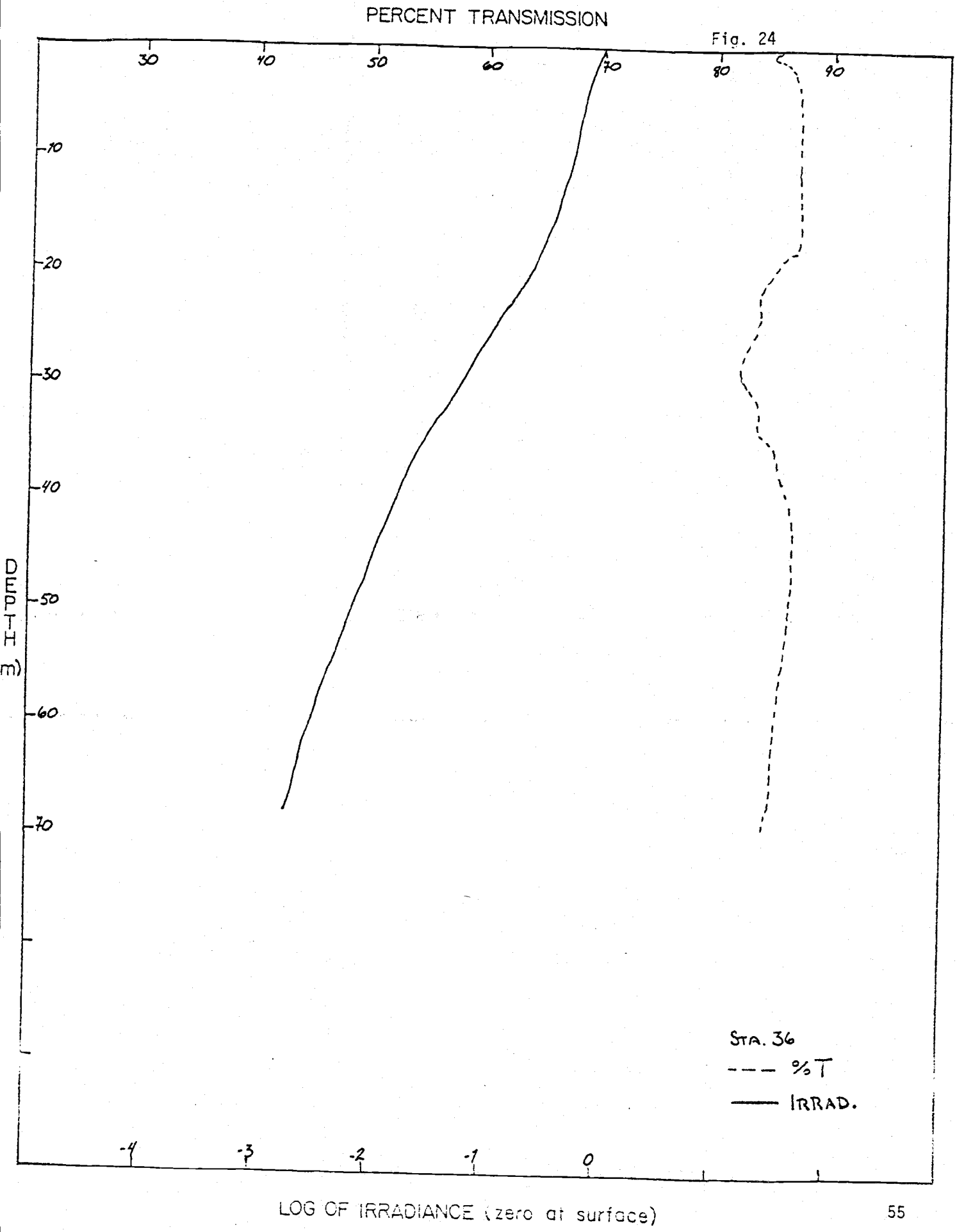

PERCENT TRANSMISSION
Fig. 19
20
30
40
50
60
70
80
10
20
30
40
50
60
70
DEPTH (m)
STA. 20
--- %T
—— IRRAD.
-6
-5
-4
-3
-2
-1
0
LOG OF IRRADIANCE (zero at surface)

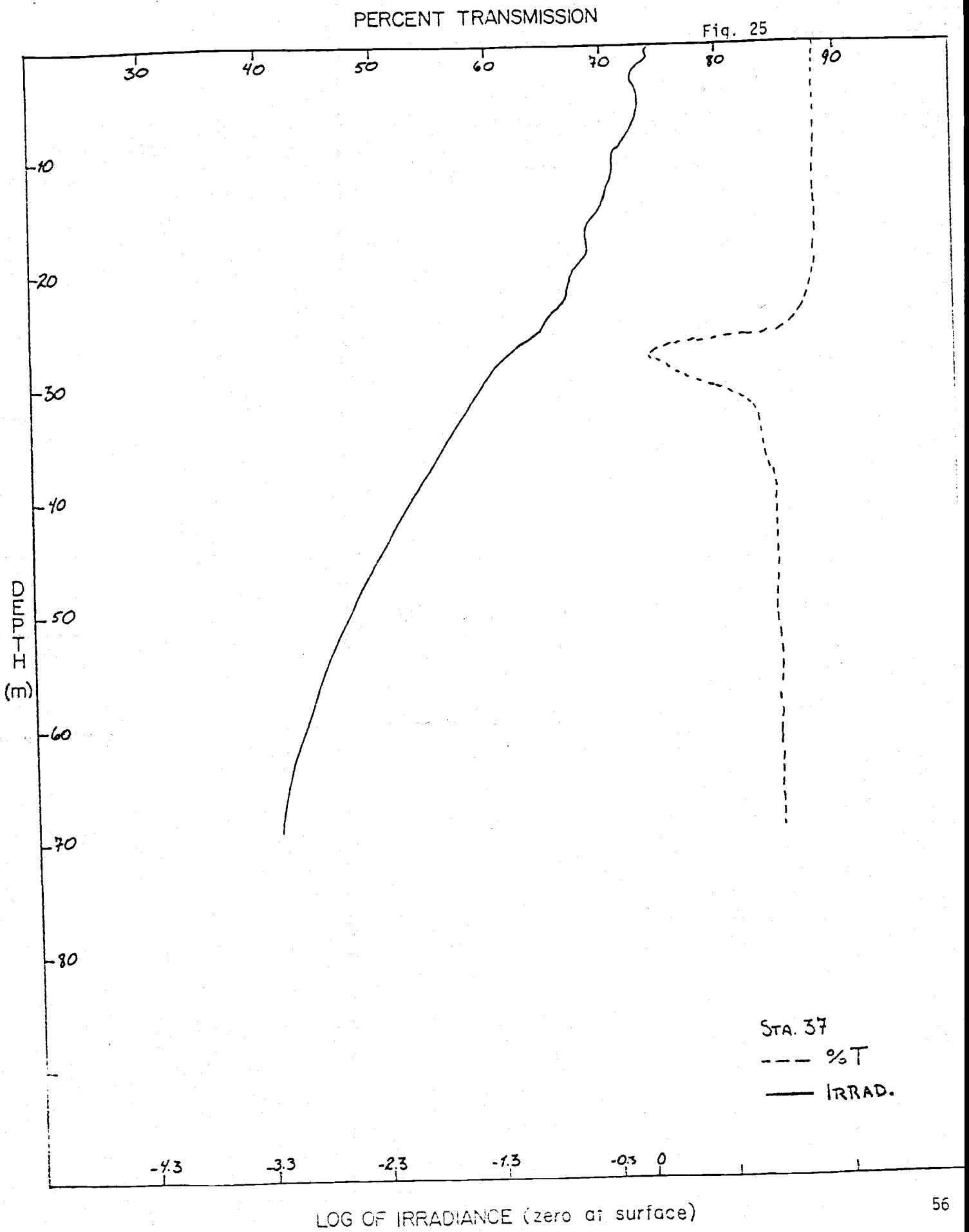

PERCENT TRANSMISSION
Fig. 20
20
30
40
50
60
70
80
10
20
DEPTH (m)
STA. (21)
--- %T
—— IRRAD.
-6
-5
-4
-3
-2
-1
0
LOG OF IRRADIANCE (zero at surface)

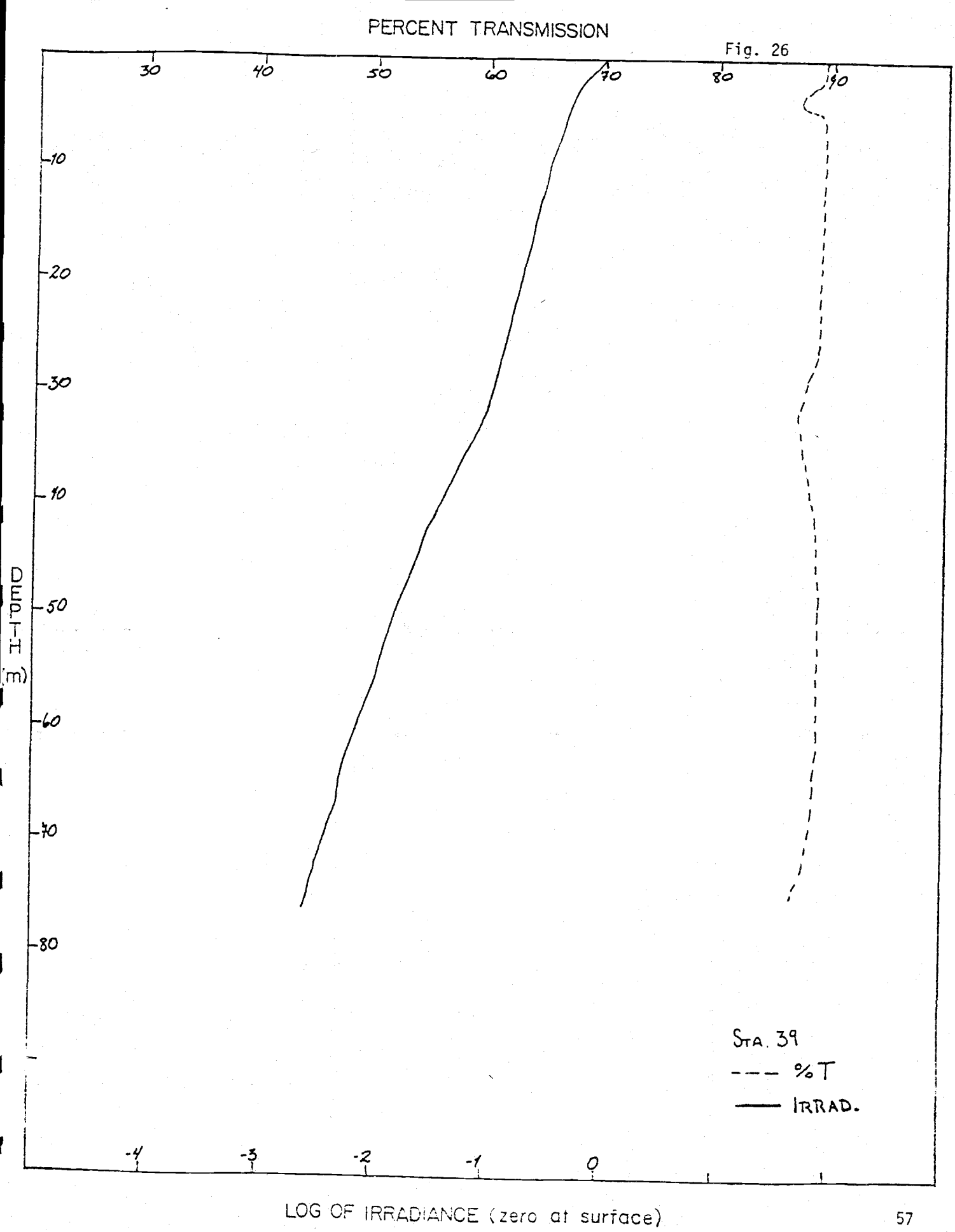

PERCENT TRANSMISSION
Fig. 21
30
40
50
60
70
80
90
10
20
30
40
50
60
70
80
DEPTH (m)
STA. 29
--- %T
—— IRRAD.
-4
-3
-2
-1
0
LOG OF IRRADIANCE (zero at surface)

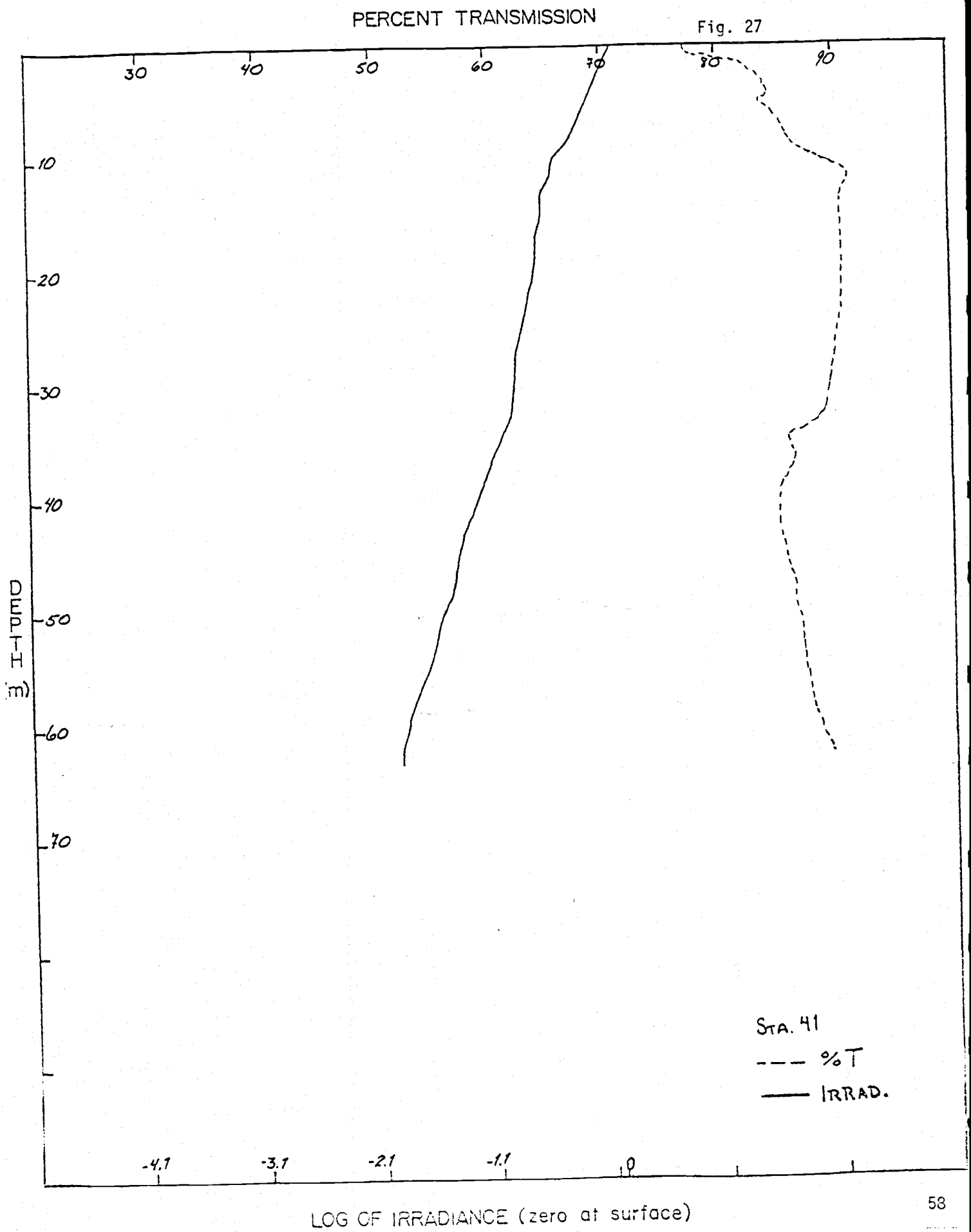

PERCENT TRANSMISSION
Fig. 22
30
40
50
60
70
80
90
10
20
30
40
50
60
DEPTH (m)
STA. 32
--- %T
—— IRRAD.
-4.3
-3.3
-2.3
-1.3
-0.3
0
LOG OF IRRADIANCE (zero at surface)

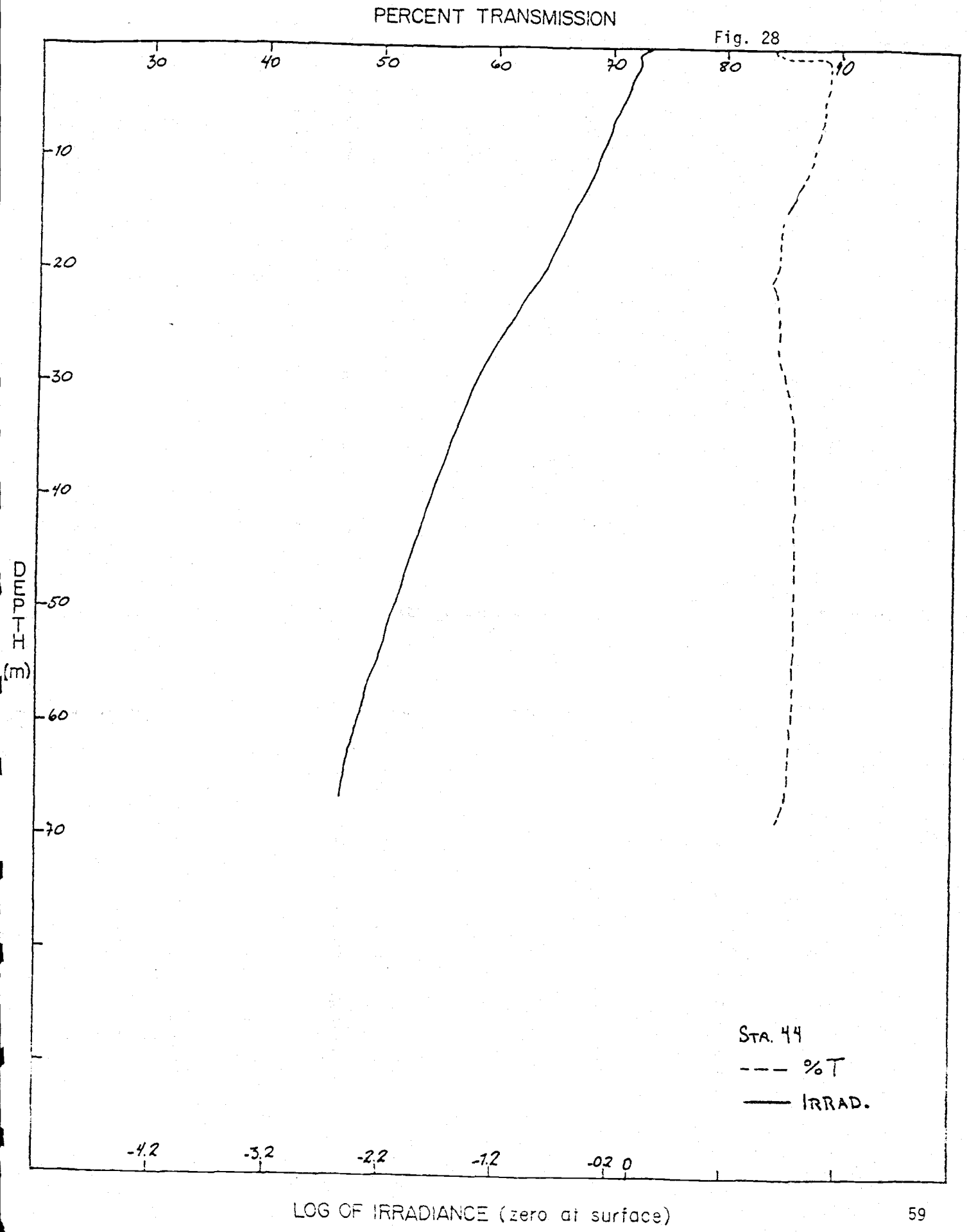

PERCENT TRANSMISSION
Fig. 23
30
40
50
60
70
80
90
10
20
30
40
50
60
70
DEPTH (m)
STA. 35
--- %T
—— IRRAD.
-4
-3
-2
-1
0
LOG OF IRRADIANCE (zero at surface)


PERCENT TRANSMISSION
Fig. 24
30
40
50
60
70
80
90
10
20
30
40
50
60
70
DEPTH (m)
STA. 36
--- %T
—— IRRAD.
-4
-3
-2
-1
0
LOG OF IRRADIANCE (zero at surface)


PERCENT TRANSMISSION
Fig. 25
30
40
50
60
70
80
90
10
20
30
40
50
60
70
80
DEPTH (m)
STA. 37
--- %T
—— IRRAD.
-4.3
-3.3
-2.3
-1.3
-0.3
0
LOG OF IRRADIANCE (zero at surface)


PERCENT TRANSMISSION
Fig. 26
30
40
50
60
70
80
90
10
20
30
40
50
60
70
80
DEPTH (m)
STA. 39
--- %T
—— IRRAD.
-4
-3
-2
-1
0
LOG OF IRRADIANCE (zero at surface)


PERCENT TRANSMISSION
Fig. 27
30
40
50
60
70
80
90
10
20
30
40
50
60
70
DEPTH (m)
STA. 41
--- %T
—— IRRAD.
-4.1
-3.1
-2.1
-1.1
0
LOG OF IRRADIANCE (zero at surface)


PERCENT TRANSMISSION
Fig. 28
30
40
50
60
70
80
90
10
20
30
40
50
60
70
DEPTH (m)
STA. 44
--- %T
—— IRRAD.
-4.2
-3.2
-2.2
-1.2
-0.2
0
LOG OF IRRADIANCE (zero at surface)

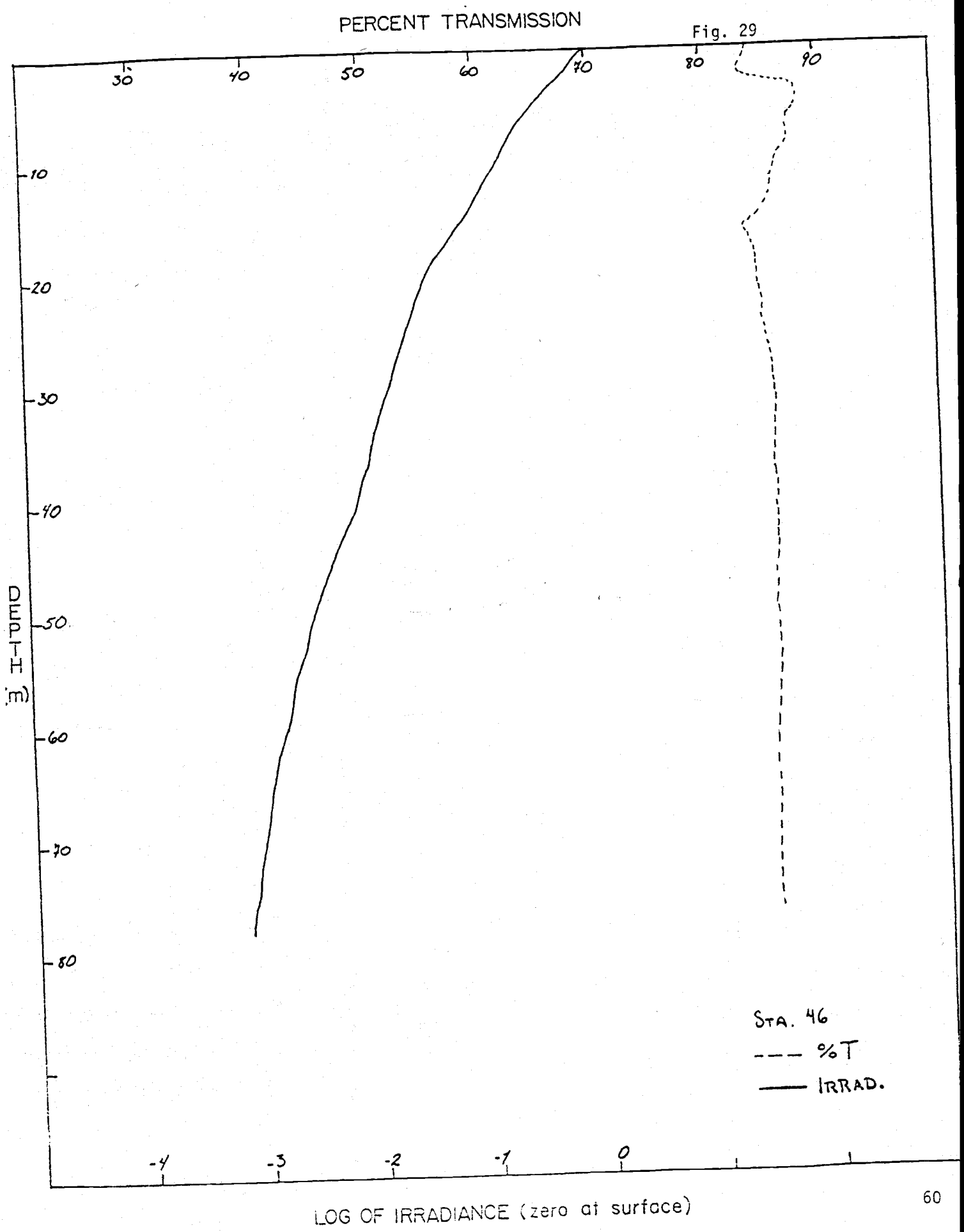

PERCENT TRANSMISSION
30
40
50
60
70
80
90
10
20
30
40
50
60
70
80
DEPTH (m)
STA. 46
--- %T
—— IRRAD.
-4
-3
-2
-1
0
LOG OF IRRADIANCE (zero at surface)

Fig. 29

Hydrographic and 1-m Transmissometer Measurements

Measurements of conductivity, temperature and pressure were taken jointly with measurements of light transmission over a 1 meter pathlength. These results are shown in Tables 29 through 49 and Figures 30 through 49. Temperature, conductivity, and pressure measurements were obtained with a CTD designed and built by the OSU optics group. Analog values proportional to temperature, pressure and conductivity are input to a data logging package which records digitized data on cassette tapes. Depth measurements are calculated using a temperature compensated 0-10,000 psia pressure transducer for the deep stations and a 0-500 psia pressure transducer for the shallow stations. The resolutions for these transducers are 1.67 m and 8.3 cm respectively. The temperature probe is calibrated for a range of -1°C to 27.88°C with a resolution of 0.01°C. The conductivity sensor is temperature compensated, and has a range of 0 to 65 μmho with a resolution of 0.02 μmho. Overall system error is estimated to be within 0.04°C, 0.07 $^{o}/_{oo}$ salinity and 6.5 for the deep transducer, and 0.35 m for the shallow transducer. The deep transducer was used at stations 5,19,20,21,27,32,35,36,38, 40,42,45,46,50; the shallow transducer was used at stations 9,12,13,14,15,16, and 17.

The transmissometer used has a light emitting diode source with a peak output wavelength of 660 nm. The source is pulsed with a synchronous photodiode detector. The detector and source are in the same housing and the light path is folded by means of a porro prism. The output of the LED is also constantly monitored by a photodiode with the same characteristics and electronics circuit as the other photodiode. The output of the instrument is given as the ratio of the light intensity that traverses the water to

the directly measured LED intensity. The instrument is calibrated by setting the transmission in air to 87.1% which, due to different reflectivities in air and in water corresponds to 100% transmission in water. The output signal is recorded in the cassette data logger described above. The electronics and temperature compensation yield transmission results which are consistent to within 0.5% transmission. The collimation angle of the source is approximately 0.2° and the detection angle of the receiver is less than 0.5°.

Depth determinations from the pressure measurements are made using the method as described by the Bissett-Berman Co. (1968). A latitude of 6°S is used in the calculations. Salinity and temperature calculations are made using the equations of Brown (1966) and Bradshaw and Schleicher (1965). Sigma-t values are calculated using Knudsen's (1901) equations as outlined by Sweers (1971). Using the calculated sigma-t values the specific volume anomaly and the dynamic height anomaly are also computed using the equations of Sweers (1971).

The percent transmission is the value obtained from the 1 m beam transmissometer. This value is corrected for any variations that might exist in the index of refraction of the sea water due to pressure, salinity and temperature changes. The index of refraction is determined using a regression analysis which produces results nearly identical to those of the method of Leyendekkers (1977). The index-corrected transmission is then used to determine the potential transmission which represents the transmission a water sample would have if it were raised to the surface and all compression effects removed. This is computed using the expression for compressibility as obtained from Hill (1962). The value of the potential

beam attenuation coefficient is merely the negative natural logarithm of the potential transmission. The actual attenuation of light by the particulate matter alone could theoretically be computed by subtracting the beam attenuation coefficient for pure water (at a given temperature and salinity) from the potential beam attenuation coefficient obtained herein. However, the exact beam attenuation coefficient of pure water (and pure seawater) is not known. Some experimentalists (Clarke and James, 1939; Sullivan, 1963) have obtained values of c for pure water (for light of 650 nm wavelength) which range from 0.288 to 0.351. Values at 660 nm would be slightly higher (roughly between 0.320 and 0.390). The value of c as indicated in these listings could be correlated with the particle volume concentration measurements made during the cruise. In this way the potential beam attenuation coefficient may be used to determine relative particle concentrations.

EQUATIONS USED IN THE CALCULATIONS

Salinity and Temperature:

See Brown (1966) and Bradshaw and Schleicher (1965)

Depth:

From the Bissett-Berman Corporation (1968):

$$D = \frac{972.52p-0.0021077p^2}{978.05(1+0.00529\sin^2\phi)}$$

where D = actual depth (m)
p = pressure (db)
ϕ = latitude

Sigma-t, specific volume anomaly and dynamic height anomaly:

See Sweers (1971)

Index of refraction:

From Leyendekkers (1977):

$$n^2 = \frac{2\times10^{-3}\ \{A_1 + \frac{A_2}{A_3}\} + 2A_4 e^{-A_5 T}\ (\frac{1}{B})^{A_6} + 1.0}{1-10^{-3}\ \{A_1 + \frac{A_2}{A_3}\} - A_4\ e^{-A_5 T}\ (\frac{1}{B})^{A_6}}$$

where n = absolute index of refraction of the seawater

T = temperature in °C

$A_1 = -2.06378$

$A_2 = 2.002484$

$A_3 = 0.54214-0.0021896T$

$A_4 = 0.2053814$

$A_5 = 6.0017\times10^{-5}$

$A_6 = 0.887$

$B = A_7[1-0.315 \log (\frac{A_8+A_q+P}{A_8+1.0})]$

where p = pressure in <u>bars</u>

$$A_7 = \frac{1.000028}{[1-[(T-3.9863)^2(T+288.9414)/508929.2(T+68.12963)]]}$$

$A_8 = 2671.8+19.454T-0.2708T^2+0.0009798T^3$

$A_9 = 6.8966S-0.0703ST$

S = salinity in ⁰/oo

However, this equation can be simplified and approximated to within 0.1% by using tne following expression:

$$n = A_1\alpha^2+A_2T^2+A_3S^2+A_4\alpha+A_5S+A_6T+A_7P+A_8$$

where α = specific volume <u>in situ</u> in $\frac{ml}{gm}$

S = salinity in ⁰/oo

T = temperature in °C

P = pressure in decibars

$A_1 = 0.17695$

$A_2 = -3.9907 \times 10^{-7}$

$A_3 = -4.5527 \times 10^{-8}$

$A_4 = -0.58215$

$A_5 = -7.6046 \times 10^{-5}$

$A_6 = -2.7807 \times 10^{-5}$

$A_7 = 4.701 \times 10^{-7}$

$A_8 = 1.74067$

Index-corrected transmission:

Through calculations of the optical setup in the transmittance we have:

$$C = -\ln \left\{ \frac{Tr}{1.012176 \left[1-\left(\frac{n_p-n_w}{n_p+n_w}\right)^2\right]^2 \left[1-\left(\frac{n_Q-n_w}{n_Q+n_w}\right)^2\right]^2} \right\}$$

where Tr = measured transmission in %

$n_p = 1.517645$

$n_Q = 1.45640$

n_w = index of refraction of water as calculated above

c = beam attenuation coefficient in m^{-1}

then

$$Tr_{corr} = e^{-c}$$

where

Tr_{corr} = index-corrected transmission

Potential transmission:

The potential transmission is calculated as follows:

$$\text{Pot T} = (Tr_{corr})^{1-\mu p}$$

where p = pressure in decibars

$$\mu = \frac{\alpha_0 - \alpha}{p\alpha_0} \quad \text{from Hill (1962)}$$

where α_0 = specific volume at the surface in $\frac{m\ell}{gm}$

α = specific volume at pressure p in $\frac{m\ell}{gm}$

p = pressure in decibars

Potential C:

The potential beam attenuation coefficient is merely the negative natural logarithm of the potential transmission. That is:

$$\text{Pot C} = -\ \ell n\ (\text{Pot T})$$

SUMMARY OF TERMS LISTED (AND ACCURACY OF EACH)

DEPTH - actual depth in meters (6.5 m for deep stations, 0.35 m for shallow stations)

T - temperatures in °C (0.04°C)

S - salinity in ‰ (0.07 ‰)

SIG-T - sigma-t in $\frac{g}{m\ell} \times 10^{+3}$ ($< 0.01\ \frac{g}{m\ell} \times 10^{+3}$)

SVA - specific volume anomaly in $\frac{m\ell}{g} \times 10^5$ ($0.04\ \frac{m\ell}{g} \times 10^5$)

DELD - dynamic height anomaly in dynamic meters (2% of the value at any depth)

%TR - index-of-refraction-corrected beam transmission in % per meter (0.03% transmission)

Pot TR - potential beam transmission in % transmission per meter (0.03% transmission)

Pot C - potential beam attenuation coefficient in m^{-1} (0.001 m^{-1})

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CRUISE ID: CONGO

Table 29

ENTER STATION #,DATE, AND TIME : STA 5 07-05-78 1700

OPEN OUTPUT FILE, THEN 'GO'* 0 0 C5D;G

CONGO STA 5 07-05-78 1700 DN CAST

DEPTH	TEMP	SAL	SIG-T	SVA	DELD	% TR	POT TR	POT C
4	24.73	17.88	10.60	1687.44	0.07	28.38	28.38	1.260
7	23.68	33.47	22.60	526.30	0.08-	0.13	0.13	6.677
11	23.16	35.01	23.92	400.47	0.10	1.61	1.61	4.129
14	21.84	35.49	24.66	330.02	0.11	19.43	19.43	1.639
17	21.71	35.66	24.82	314.28	0.12	33.43	33.43	1.096
21	21.16	35.87	25.13	285.11	0.13	44.18	44.19	0.817
24	20.86	35.94	25.26	272.50	0.14	48.73	48.73	0.719
28	20.45	35.79	25.26	273.11	0.15	51.34	51.35	0.667
31	20.33	35.91	25.39	261.16	0.16	53.30	53.30	0.629
34	20.23	35.88	25.39	261.06	0.16	54.37	54.38	0.609
38	20.07	35.94	25.48	252.44	0.17	55.45	55.45	0.590
41	20.03	35.91	25.46	254.26	0.18	55.91	55.92	0.581
45	19.60	35.75	25.46	255.01	0.19	56.08	56.09	0.578
48	18.64	35.84	25.77	224.83	0.20	54.47	54.48	0.608
51	18.43	35.81	25.80	222.05	0.21	52.86	52.86	0.638
56	17.78	35.81	25.96	207.25	0.22	49.83	49.83	0.697
60	17.61	35.80	26.00	204.13	0.22	47.55	47.56	0.743
63	17.36	35.76	26.03	201.38	0.23	47.31	47.32	0.748
68	17.27	35.76	26.05	199.37	0.24	49.53	49.54	0.702
72	17.25	35.75	26.04	199.81	0.25	50.46	50.47	0.684
77	16.97	35.68	26.06	198.21	0.26	50.36	50.37	0.686
80	16.77	35.71	26.13	192.08	0.26	49.12	49.13	0.711
85	16.53	35.73	26.20	185.06	0.27	51.71	51.72	0.659
89	16.48	35.70	26.19	186.11	0.28	51.97	51.99	0.654
92	16.25	35.69	26.24	181.87	0.29	52.49	52.50	0.644
97	16.23	35.70	26.25	180.90	0.29	53.27	53.28	0.630
100	16.25	35.70	26.24	181.65	0.30	54.61	54.63	0.605
104	16.10	35.67	26.26	180.60	0.31	55.35	55.36	0.591
107	15.96	35.65	26.27	179.30	0.31	55.49	55.51	0.589
111	15.95	35.64	26.27	179.69	0.32	55.37	55.39	0.591
116	15.85	35.65	26.30	176.87	0.33	56.47	56.49	0.571
119	15.74	35.64	26.32	175.29	0.33	55.71	55.73	0.585
122	15.60	35.60	26.32	175.38	0.34	55.61	55.63	0.587
126	15.44	35.60	26.36	171.56	0.35	56.20	56.22	0.576
129	15.44	35.59	26.35	172.71	0.35	56.32	56.34	0.574
133	15.43	35.60	26.35	172.21	0.36	56.96	56.98	0.563
136	15.38	35.61	26.38	170.03	0.36	57.50	57.51	0.553
141	15.37	35.61	26.37	170.58	0.37	57.42	57.44	0.555
144	15.24	35.58	26.38	169.78	0.38	57.47	57.49	0.554
148	15.14	35.54	26.38	170.22	0.38	57.35	57.37	0.556
151	15.02	35.57	26.43	165.58	0.39	57.59	57.61	0.552
156	14.89	35.69	26.54	154.71	0.40	58.13	58.15	0.542
160	14.88	35.53	26.42	166.55	0.40	58.33	58.35	0.539
163	14.74	35.51	26.44	164.71	0.41	58.28	58.30	0.540
166	14.57	35.49	26.46	162.84	0.41	58.11	58.13	0.543
170	14.54	35.49	26.47	162.47	0.42	58.08	58.10	0.543
175	14.47	35.48	26.47	162.10	0.43	57.67	57.69	0.550
178	14.40	35.47	26.48	160.96	0.43	57.59	57.62	0.551
182	14.35	35.48	26.50	159.28	0.44	57.49	57.52	0.553
185	14.28	35.45	26.49	160.10	0.44	57.32	57.35	0.556
188	14.22	35.48	26.53	156.81	0.45	57.20	57.23	0.558

CONGO STA 5 07-05-78 1700 DN CAST

DEPTH	TEMP	SAL	SIG-T	SVA	DELD	% TR	POT TR	POT C
192	14.13	35.45	26.52	157.62	0.45	57.13	57.15	0.560
195	13.96	35.41	26.53	156.55	0.46	57.59	57.62	0.551
199	13.85	35.38	26.53	157.15	0.46	57.76	57.79	0.548
204	13.71	35.39	26.57	153.30	0.47	58.08	58.11	0.543
207	13.58	35.39	26.59	151.38	0.48	58.30	58.33	0.539
210	13.56	35.38	26.59	151.55	0.48	58.59	58.62	0.534
214	13.45	35.37	26.60	150.46	0.49	58.76	58.79	0.531
217	13.44	35.37	26.61	149.97	0.49	58.54	58.57	0.535
221	13.37	35.36	26.61	149.51	0.50	58.45	58.48	0.537
224	13.35	35.36	26.62	148.77	0.50	58.25	58.28	0.540
227	13.33	35.38	26.64	147.01	0.51	58.57	58.60	0.535
231	13.23	35.31	26.61	150.59	0.51	58.49	58.53	0.536
234	12.83	35.32	26.69	142.22	0.52	58.03	58.06	0.544
239	12.81	35.31	26.69	142.56	0.52	57.98	58.01	0.545
243	12.62	35.28	26.70	141.25	0.53	57.88	57.92	0.546
246	12.40	35.27	26.74	138.06	0.53	57.98	58.01	0.545
249	12.30	35.21	26.72	140.19	0.54	57.93	57.97	0.545
253	12.04	35.22	26.77	134.68	0.54	58.27	58.31	0.540
256	12.02	35.20	26.76	136.09	0.55	58.69	58.72	0.532
259	11.93	35.19	26.77	135.41	0.55	58.49	58.53	0.536
263	11.84	35.18	26.77	134.79	0.56	58.86	58.90	0.530
266	11.65	35.16	26.80	132.26	0.56	59.03	59.07	0.527
270	11.67	35.14	26.78	134.28	0.57	58.91	58.95	0.529
273	11.61	35.19	26.83	129.65	0.57	58.71	58.75	0.532
276	11.52	35.13	26.80	132.67	0.58	58.22	58.26	0.540
281	11.39	35.16	26.85	128.32	0.58	58.93	58.97	0.528
285	11.06	35.11	26.87	125.70	0.59	59.13	59.17	0.525
288	10.89	35.12	26.91	122.19	0.59	57.86	57.90	0.547
293	10.83	35.08	26.89	124.50	0.60	59.01	59.05	0.527
297	10.71	35.08	26.91	121.98	0.60	59.40	59.44	0.520
300	10.66	35.08	26.92	121.73	0.60	59.45	59.49	0.520
305	10.53	35.05	26.92	121.55	0.61	59.18	59.22	0.524
308	10.45	35.04	26.93	120.56	0.61	59.05	59.10	0.526
312	10.22	35.03	26.95	118.17	0.62	58.93	58.97	0.528
315	9.90	35.00	26.99	114.60	0.62	57.34	57.39	0.555
319	9.90	34.99	26.98	115.85	0.63	56.73	56.78	0.566
322	9.88	34.99	26.99	114.87	0.63	56.68	56.73	0.567
325	9.86	35.00	26.99	114.45	0.63	56.93	56.97	0.563
329	9.61	34.95	27.00	113.77	0.64	57.03	57.07	0.561
332	9.53	34.93	27.00	113.80	0.64	57.32	57.37	0.556
335	9.41	34.92	27.01	113.24	0.65	57.81	57.85	0.547
341	9.35	34.93	27.03	111.27	0.65	58.03	58.07	0.544
344	9.30	34.93	27.04	110.38	0.66	58.32	58.37	0.539
347	9.22	34.91	27.03	111.01	0.66	57.78	57.83	0.548
352	8.92	34.88	27.06	108.20	0.66	58.49	58.54	0.536
356	8.81	34.86	27.06	108.09	0.67	57.07	57.12	0.560
361	8.65	34.86	27.09	105.48	0.67	56.68	56.73	0.567
364	8.61	34.84	27.08	106.34	0.68	56.76	56.81	0.566
368	8.55	34.82	27.07	107.29	0.68	58.12	58.18	0.542
371	8.48	34.84	27.10	104.42	0.68	58.98	59.03	0.527
374	8.48	34.84	27.10	104.62	0.69	59.27	59.32	0.522
378	8.42	34.83	27.09	105.05	0.69	59.10	59.15	0.525
381	8.40	34.83	27.10	104.26	0.69	58.88	58.93	0.529
385	8.30	34.81	27.10	104.37	0.70	58.81	58.86	0.530
388	8.22	34.82	27.12	102.74	0.70	58.37	58.42	0.538
393	8.22	34.80	27.10	104.11	0.71	58.05	58.11	0.543
398	8.13	34.80	27.12	102.74	0.71	57.78	57.84	0.548

CONGO STA 5 07-05-78 1700 DN CAST

DEPTH	TEMP	SAL	SIG-T	SVA	DELD	% TR	POT TR	POT C
401	8.04	34.83	27.15	99.60	0.72	57.83	57.89	0.547
405	7.92	34.77	27.13	101.76	0.72	57.68	57.74	0.549
410	7.83	34.77	27.14	100.54	0.72	57.95	58.01	0.545
413	7.81	34.78	27.15	99.80	0.73	57.83	57.89	0.547
417	7.79	34.77	27.14	100.66	0.73	57.56	57.62	0.551
420	7.75	34.77	27.15	100.04	0.73	56.39	56.45	0.572
423	7.72	34.77	27.16	99.41	0.74	55.97	56.03	0.579
430	7.75	34.77	27.15	100.05	0.74	55.95	56.01	0.580
434	7.69	34.78	27.17	98.03	0.75	55.65	55.72	0.585
437	7.69	34.77	27.16	99.30	0.75	55.21	55.28	0.593
440	7.58	34.76	27.17	98.27	0.75	55.04	55.11	0.596
444	7.56	34.75	27.16	99.18	0.76	54.36	54.43	0.608
447	7.54	34.77	27.19	96.76	0.76	54.90	54.96	0.599
450	7.52	34.76	27.18	97.70	0.76	54.65	54.72	0.603
454	7.50	34.76	27.18	97.50	0.77	54.70	54.77	0.602
457	7.48	34.77	27.19	96.16	0.77	54.07	54.13	0.614
462	7.44	34.76	27.19	96.91	0.78	53.65	53.72	0.622
467	7.36	34.75	27.19	96.32	0.78	53.75	53.82	0.620
471	7.25	34.72	27.19	96.68	0.78	54.29	54.36	0.610
476	7.16	34.71	27.19	96.30	0.79	54.65	54.72	0.603
481	7.10	34.72	27.20	95.14	0.79	54.85	54.92	0.599
484	7.08	34.72	27.21	94.98	0.80	54.41	54.48	0.607
488	7.09	34.70	27.19	96.16	0.80	54.09	54.16	0.613
493	7.08	34.71	27.20	95.43	0.81	53.55	53.63	0.623
498	7.00	34.71	27.21	94.45	0.81	53.06	53.14	0.632
501	6.95	34.70	27.21	94.76	0.81	53.04	53.11	0.633
506	6.72	34.69	27.24	92.11	0.82	51.79	51.87	0.657
510	6.78	34.71	27.25	91.43	0.82	50.94	51.02	0.673
513	6.76	34.71	27.25	91.26	0.82	50.69	50.77	0.678
516	6.74	34.70	27.24	91.79	0.83	50.77	50.85	0.676
520	6.74	34.70	27.24	92.48	0.83	51.13	51.21	0.669
523	6.73	34.70	27.24	91.65	0.83	51.04	51.12	0.671
528	6.73	34.71	27.25	91.43	0.84	50.84	50.92	0.675
533	6.69	34.71	27.26	90.58	0.84	51.06	51.14	0.671
537	6.66	34.69	27.24	91.78	0.85	51.57	51.65	0.661
540	6.66	34.68	27.24	92.59	0.85	51.43	51.51	0.664
543	6.60	34.69	27.25	91.36	0.85	51.65	51.73	0.659
547	6.59	34.69	27.25	91.06	0.85	51.77	51.85	0.657
550	6.51	34.70	27.27	89.23	0.86	51.01	51.10	0.672
553	6.50	34.69	27.27	89.62	0.86	50.69	50.78	0.678
559	6.44	34.66	27.25	91.52	0.87	51.13	51.22	0.669
565	6.34	34.67	27.27	89.42	0.87	53.50	53.59	0.624
570	6.28	34.67	27.28	88.56	0.88	53.33	53.42	0.627
574	6.22	34.66	27.28	88.63	0.88	53.55	53.64	0.623
577	6.20	34.67	27.28	88.05	0.88	53.53	53.61	0.623
580	6.17	34.64	27.27	89.36	0.89	53.09	53.17	0.632
584	6.17	34.66	27.28	88.36	0.89	53.55	53.64	0.623
589	6.17	34.61	27.25	91.64	0.89	53.21	53.30	0.629
592	6.11	34.67	27.30	87.00	0.90	52.89	52.98	0.635
596	6.02	34.65	27.29	87.30	0.90	52.55	52.64	0.642
599	6.01	34.67	27.31	85.33	0.90	52.48	52.57	0.643
602	5.98	34.70	27.34	83.11	0.90	52.40	52.49	0.645
606	5.98	34.70	27.34	83.30	0.91	52.45	52.54	0.644
609	5.97	34.66	27.31	85.55	0.91	52.35	52.45	0.646
613	5.93	34.66	27.31	85.47	0.91	51.60	51.69	0.660
616	5.91	34.67	27.33	84.23	0.92	51.52	51.62	0.661
619	5.91	34.65	27.31	85.56	0.92	51.40	51.50	0.664

CONGO STA 5 07-05-78 1700 DN CAST

DEPTH	TEMP	SAL	SIG-T	SVA	DELD	% TR	POT TR	POT C
629	5.85	34.66	27.33	84.39	0.93	49.54	49.64	0.700
641	5.73	34.64	27.32	84.78	0.94	49.27	49.38	0.706
651	5.56	34.64	27.34	82.61	0.95	49.23	49.33	0.707
662	5.40	34.66	27.38	79.38	0.95	50.59	50.70	0.679
672	5.30	34.64	27.38	79.44	0.96	50.96	51.06	0.672
682	5.16	34.63	27.39	78.26	0.97	52.67	52.77	0.639
692	5.10	34.64	27.40	77.32	0.98	51.20	51.31	0.667
702	5.10	34.75	27.48	69.42	0.98	51.33	51.43	0.665
712	5.08	34.64	27.40	77.18	0.99	52.01	52.12	0.652
722	5.04	34.64	27.40	76.89	1.00	51.86	51.97	0.655
732	4.98	34.65	27.42	75.52	1.01	52.06	52.17	0.651
743	4.94	34.62	27.40	77.19	1.02	52.08	52.20	0.650
753	4.87	34.63	27.42	75.38	1.02	55.62	55.74	0.585
763	4.84	34.64	27.43	74.39	1.03	50.15	50.27	0.688
775	4.82	34.64	27.43	74.33	1.04	50.44	50.57	0.682
785	4.80	34.66	27.45	73.02	1.05	53.89	54.01	0.616
795	4.80	34.66	27.45	73.04	1.05	52.40	52.52	0.644
805	4.77	34.65	27.45	73.23	1.06	46.12	46.25	0.771
815	4.72	34.66	27.46	72.07	1.07	40.82	40.95	0.893
825	4.71	34.68	27.48	70.45	1.08	41.01	41.15	0.888
835	4.71	34.68	27.47	70.93	1.08	40.92	41.06	0.890
847	4.70	34.69	27.48	70.14	1.09	43.07	43.21	0.839
857	4.68	34.68	27.48	70.93	1.10	44.85	44.99	0.799
867	4.68	34.68	27.48	70.94	1.11	44.02	44.16	0.817
877	4.67	34.68	27.48	70.54	1.11	43.68	43.82	0.825
888	4.67	34.69	27.49	69.81	1.12	43.92	44.07	0.820
898	4.67	34.67	27.47	71.48	1.13	43.11	43.26	0.838
908	4.66	34.70	27.50	69.13	1.13	42.82	42.97	0.845
920	4.66	34.69	27.49	70.42	1.14	42.14	42.29	0.861
930	4.64	34.70	27.50	69.12	1.15	42.23	42.39	0.858
940	4.64	34.70	27.50	69.60	1.16	42.09	42.24	0.862
952	4.63	34.70	27.50	69.69	1.16	41.99	42.15	0.864
962	4.65	34.71	27.51	69.12	1.17	38.64	38.80	0.947
972	4.60	34.72	27.52	67.97	1.18	24.91	25.07	1.384
982	4.58	34.72	27.52	67.84	1.19	19.78	19.93	1.613
992	4.55	34.73	27.53	66.85	1.19	14.36	14.49	1.932

CRUISE ID: CONGO

Table 30

ENTER STATION #,DATE, AND TIME : STA 9 08-05-78 1130

OPEN OUTPUT FILE, THEN 'GO'*O O C9S;G

CONGO STA 9 08-05-78 1130 DN CAST

DEPTH	TEMP	SAL	SIG-T	SVA	DELD	% TR	POT TR	POT C
2						0.04	0.04	7.811
3						0.04	0.04	7.811
4						0.04	0.04	7.811
6						0.04	0.04	7.811
7						0.04	0.04	7.811
8						0.04	0.04	7.811
10	27.21	6.42	1.32	2603.77	0.30-	0.04	0.04	7.811
11	19.48	29.37	20.63	714.47	0.31-	0.04	0.04	7.812
13	16.77	34.94	25.54	245.85	0.32-	0.04	0.04	7.812
16	16.66	35.60	26.07	195.46	0.32-	0.04	0.04	7.812
20	16.48	35.57	26.09	193.76	0.33-	0.04	0.04	7.812
22	16.36	35.40	25.99	203.68	0.33	0.08	0.08	7.109
24	16.36	35.59	26.14	189.32	0.34	0.40	0.40	5.523
26	16.32	35.63	26.18	185.57	0.34	0.69	0.69	4.972
28	16.27	35.72	26.25	178.54	0.34	0.99	0.99	4.619
30	16.29	35.60	26.16	187.45	0.35	1.21	1.21	4.418
31	16.25	35.69	26.24	180.19	0.35	1.43	1.43	4.250
33	16.21	35.62	26.19	184.64	0.35	1.79	1.79	4.021
34	16.19	35.55	26.14	189.00	0.35	2.06	2.06	3.881
35	16.18	35.59	26.18	185.56	0.36	2.45	2.45	3.708
36	16.18	35.58	26.17	186.54	0.36	2.70	2.70	3.613
37	16.16	35.52	26.13	190.65	0.36	3.26	3.26	3.423
38	16.15	35.55	26.15	188.35	0.36	4.90	4.90	3.016
40	16.14	35.59	26.19	184.99	0.37	6.56	6.56	2.724
42	16.13	35.37	26.02	200.90	0.37	7.34	7.34	2.612
43	16.13	35.59	26.19	185.36	0.37	7.85	7.86	2.544
45	16.11	35.59	26.19	184.92	0.38	8.07	8.08	2.516
46	16.10	35.62	26.22	182.44	0.38	9.32	9.32	2.373
49	16.05	35.63	26.23	180.97	0.38	10.10	10.11	2.292
51	16.00	35.67	26.28	176.73	0.39	10.71	10.72	2.233
53	15.99	35.90	26.46	159.69	0.39	11.23	11.23	2.187
54	15.98	35.53	26.18	186.75	0.39	11.20	11.21	2.189
55	15.95	35.73	26.34	170.97	0.39	10.96	10.96	2.211
57	15.95	35.33	26.03	200.45	0.40	11.05	11.06	2.202
58	15.93	35.66	26.29	176.18	0.40	10.47	10.47	2.256
60	15.94	35.65	26.28	176.99	0.40	10.54	10.55	2.249
62	15.91	35.14	25.89	213.79	0.41	10.25	10.25	2.278
63	15.94	35.71	26.33	172.59	0.41	10.49	10.50	2.254
64	15.91	35.47	26.15	189.87	0.41	9.86	9.86	2.317
65	15.88	35.45	26.14	190.74	0.41	9.74	9.74	2.329
66	15.87	35.61	26.26	178.97	0.41	8.59	8.59	2.454
67	15.82	35.43	26.14	190.46	0.42	8.27	8.28	2.492
68	15.80	35.50	26.19	185.40	0.42	7.41	7.42	2.601
70	15.81	35.41	26.13	191.80	0.42	6.56	6.56	2.724
71	15.78	35.47	26.18	187.15	0.42	6.19	6.20	2.781
72	15.75	35.61	26.29	175.94	0.43	6.00	6.00	2.813
73	15.76	35.29	26.04	199.93	0.43	6.07	6.08	2.801
75	15.71	35.72	26.38	167.67	0.43	6.19	6.20	2.781
76	15.71	35.51	26.22	182.83	0.43	6.17	6.17	2.785
77	15.68	35.57	26.28	177.94	0.44	6.41	6.42	2.746
79	15.66	35.57	26.28	177.52	0.44	6.63	6.64	2.713

CONGO STA 9 08-05-78 1130 DN CAST

DEPTH	TEMP	SAL	SIG-T	SVA	DELD	% TR	POT TR	POT C
80	15.63	35.48	26.22	183.11	0.44	6.85	6.86	2.680
81	15.61	35.58	26.30	175.42	0.44	6.85	6.86	2.680
82	15.59	35.64	26.35	171.25	0.44	6.58	6.59	2.720
83	15.58	35.60	26.33	173.37	0.44	6.09	6.10	2.797
84	15.57	35.61	26.33	172.75	0.45	5.63	5.64	2.876
85	15.58	36.05	26.67	140.86	0.45	5.26	5.27	2.944
87	15.53	35.59	26.33	173.27	0.45	4.70	4.71	3.057
89	15.47	35.54	26.30	175.93	0.45	2.97	2.97	3.517
90	15.45	35.55	26.31	174.54	0.46	2.50	2.51	3.687
91	15.44	35.50	26.28	177.87	0.46	1.89	1.89	3.967
92	15.41	35.45	26.24	181.41	0.46	1.40	1.40	4.266
93	15.39	35.44	26.25	181.21	0.46	1.06	1.06	4.546
94	15.36	35.51	26.30	175.64	0.46	0.89	0.89	4.722
95	15.33	35.53	26.33	173.63	0.47	0.69	0.70	4.970
96	15.34	35.47	26.28	178.16	0.47	0.57	0.57	5.164
97	15.31	35.57	26.36	170.48	0.47	0.42	0.43	5.461
99	15.31	35.56	26.35	171.48	0.47	0.30	0.30	5.801
100	15.29	35.54	26.34	172.22	0.47	0.28	0.28	5.886
101	15.29	35.48	26.29	176.99	0.48	0.18	0.18	6.320
103	15.28	35.71	26.48	159.53	0.48	0.06	0.06	7.462
104	15.30	35.49	26.30	176.00	0.48	0.01	0.01	9.381
105	15.27	35.35	26.20	185.44	0.48-	0.04	0.04	7.809
106	15.28	35.62	26.41	166.27	0.48-	0.02	0.02	8.734
108	15.25	35.24	26.12	193.61	0.49-	0.04	0.04	7.809
110	15.25	35.52	26.34	173.07	0.49	0.06	0.06	7.462
111	15.25	35.71	26.48	159.05	0.49-	0.02	0.02	8.734
113	15.21	35.60	26.40	166.89	0.50-	0.04	0.04	7.808
114	15.20	35.40	26.25	181.35	0.50-	0.04	0.04	7.808
116	15.21	35.65	26.44	163.33	0.50-	0.04	0.04	7.808
117	15.22	34.25	25.37	265.36	0.51-	0.04	0.04	7.808

CRUISE ID: CONGO

Table 31

ENTER STATION #,DATE, AND TIME : STA 12 11-05-78 0900

OPEN OUTPUT FILE, THEN 'GO'*O O C13S;G

CONGO STA 12 11-05-78 0900 DN CAST

DEPTH	TEMP	SAL	SIG-T	SVA	DELD	% TR	POT TR	POT C
1						0.01	0.01	9.640
3						0.01	0.01	9.640
4						0.01	0.01	9.640
5						0.01	0.01	9.640
6						0.01	0.01	9.640
7						0.01	0.01	9.640
8						0.01	0.01	9.640
10	22.50	27.15	18.17	951.79	0.26	0.01	0.01	9.640
11	19.15	35.29	25.22	276.20	0.27	0.01	0.01	9.640

Table 32

CRUISE ID: CONGO

ENTER STATION #,DATE, AND TIME : STA 13 11-05-78 0900

OPEN OUTPUT FILE, THEN 'GO'*O O C13BS;G

CONGO STA 13 11-05-78 0900 DN CAST

DEPTH	TEMP	SAL	SIG-T	SVA	DELD	% TR	POT TR	POT C
1						0.01	0.01	9.640
2						0.01	0.01	9.640
3						0.01	0.01	9.640
4						0.01	0.01	9.640
6						0.01	0.01	9.640
7						0.01	0.01	9.640
8	27.76	3.19-	1.25	2860.99	0.23	0.01	0.01	9.640
9	26.89	6.65	1.58	2577.62	0.26	0.01	0.01	9.640
11	24.63	17.50	10.34	1712.79	0.29	0.01	0.01	9.640
12	22.55	24.06	15.82	1178.31	0.30	0.01	0.01	9.640
13	19.07	35.72	25.57	243.03	0.31	0.01	0.01	9.640
14	18.91	35.77	25.65	235.12	0.31	0.01	0.01	9.640
16	18.88	35.79	25.67	233.64	0.31	0.20	0.20	6.204
17	18.69	35.54	25.53	246.95	0.32	1.11	1.11	4.504
19	18.51	35.89	25.85	216.81	0.32	1.86	1.87	3.982
20	18.53	35.83	25.79	222.02	0.32	2.04	2.04	3.895
21	18.44	36.23	26.12	191.19	0.33	3.21	3.21	3.439
22	18.42	35.68	25.71	229.93	0.33	4.33	4.33	3.139
23	18.38	35.14	25.30	268.76	0.33	5.24	5.24	2.949
25	18.32	35.97	25.95	207.14	0.33	7.09	7.10	2.646
26	18.30	36.42	26.30	174.07	0.34	8.90	8.91	2.419
28	18.31	35.55	25.64	237.32	0.34	10.54	10.54	2.250
30	18.26	35.70	25.76	225.53	0.34	12.86	12.87	2.051
31	18.25	35.62	25.70	230.96	0.35	14.01	14.01	1.965
33	18.24	35.86	25.89	213.55	0.35	15.79	15.80	1.845
34	18.23	35.79	25.84	218.12	0.35	16.85	16.85	1.781
36	18.24	35.76	25.81	220.78	0.36	18.26	18.27	1.700
37	18.15	35.72	25.80	221.71	0.36	18.90	18.90	1.666
38	18.14	35.65	25.76	226.25	0.36	20.39	20.39	1.590
40	18.09	35.57	25.70	231.18	0.37	21.66	21.67	1.530
42	18.02	35.63	25.77	224.94	0.37	22.73	22.74	1.481
43	17.92	35.65	25.81	221.67	0.37	23.08	23.08	1.466
44	17.90	35.70	25.85	217.47	0.38	23.54	23.55	1.446
45	17.90	35.61	25.78	223.74	0.38	23.66	23.67	1.441
46	17.89	35.71	25.87	216.07	0.38	24.62	24.62	1.402
47	17.89	35.69	25.85	217.78	0.38	25.79	25.80	1.355
50	17.87	35.70	25.86	216.46	0.39	25.91	25.92	1.350
51	17.81	35.69	25.86	216.26	0.39	25.64	25.65	1.361
53	17.78	35.70	25.88	214.99	0.40	25.01	25.02	1.386
54	17.77	35.67	25.86	216.93	0.40	24.81	24.82	1.394
55	17.77	35.70	25.89	214.38	0.40	25.25	25.26	1.376
56	17.71	35.69	25.89	214.27	0.40	27.01	27.02	1.309
57	17.66	35.69	25.90	213.11	0.40	27.08	27.09	1.306
59	17.61	35.67	25.90	212.98	0.41	25.84	25.85	1.353
61	17.55	35.68	25.92	211.13	0.41	23.74	23.75	1.438
62	17.51	35.67	25.93	210.88	0.42	23.69	23.70	1.440
64	17.44	35.66	25.93	210.18	0.42	22.93	22.94	1.472
65	17.39	35.66	25.95	209.03	0.42	23.35	23.35	1.455
67	17.35	35.68	25.97	207.14	0.43	23.15	23.16	1.463
68	17.31	35.67	25.97	206.81	0.43	22.51	22.52	1.491
70	17.31	35.64	25.95	208.82	0.43	22.56	22.57	1.489

CONGO STA 13 11-05-78 0900 DN CAST

DEPTH	TEMP	SAL	SIG-T	SVA	DELD	% TR	POT TR	POT C
71	17.32	35.64	25.94	209.54	0.43	21.59	21.60	1.533
72	17.28	35.66	25.97	206.65	0.44	22.88	22.89	1.475
73	17.28	35.66	25.97	206.71	0.44	22.88	22.89	1.475
75	17.28	35.66	25.97	206.82	0.44	22.81	22.82	1.478
76	17.28	35.70	26.00	204.22	0.44	22.20	22.21	1.505
78	17.18	35.53	25.90	213.85	0.45	19.95	19.96	1.612
79	17.17	35.70	26.03	201.48	0.45	18.12	18.13	1.708
80	17.15	35.58	25.94	210.00	0.45	16.97	16.98	1.773
82	17.07	35.62	25.99	205.10	0.46	17.11	17.12	1.765
83	17.03	35.61	25.99	204.96	0.46	17.48	17.49	1.744
85	16.90	35.63	26.04	200.99	0.46	17.97	17.98	1.716
86	16.86	35.51	25.95	208.87	0.47	17.90	17.91	1.720
87	16.82	35.59	26.03	201.54	0.47	18.29	18.30	1.699
89	16.61	35.60	26.09	196.42	0.47	17.19	17.20	1.761
90	16.61	35.61	26.10	195.55	0.47	16.65	16.66	1.792
91	16.62	35.61	26.09	196.35	0.47	15.77	15.78	1.847
93	16.59	35.63	26.11	194.25	0.48	14.89	14.90	1.904
94	16.59	35.60	26.09	196.23	0.48	13.96	13.97	1.968
95	16.59	35.61	26.10	195.29	0.48	13.64	13.65	1.991
96	16.60	35.66	26.13	192.43	0.48	13.30	13.31	2.017
98	16.60	35.66	26.13	192.55	0.49	12.86	12.87	2.050
100	16.63	35.66	26.12	193.08	0.49	11.42	11.43	2.169
101	16.61	35.65	26.12	193.47	0.49	10.81	10.82	2.224
102	16.60	35.59	26.08	197.39	0.50	10.76	10.77	2.229
104	16.61	35.82	26.25	180.91	0.50	9.98	9.99	2.304
106	16.50	35.52	26.05	200.49	0.50	9.27	9.28	2.378
107	16.42	35.55	26.09	196.61	0.51	8.51	8.52	2.463
109	16.39	35.55	26.10	195.65	0.51	5.75	5.76	2.855
111	16.37	35.62	26.15	190.62	0.51	2.89	2.90	3.542
112	16.38	35.57	26.12	194.13	0.51	2.48	2.48	3.697
114	16.36	35.64	26.18	188.41	0.52	1.11	1.11	4.502
115	16.31	35.57	26.13	193.02	0.52	0.18	0.18	6.331
116	16.32	35.60	26.15	191.08	0.52	0.01	0.01	9.636
117	16.34	35.62	26.16	189.90	0.53	0.01	0.01	9.636
118	16.33	35.61	26.16	190.13	0.53	0.01	0.01	9.636
119	16.34	35.58	26.13	192.77	0.53	0.01	0.01	9.636
121	16.31	35.55	26.12	194.44	0.53	0.01	0.01	9.636
122	16.29	35.59	26.15	191.21	0.53	0.01	0.01	9.636
123	16.27	35.60	26.17	189.85	0.54	0.01	0.01	9.636
124	16.28	35.51	26.09	197.07	0.54	0.01	0.01	9.636
126	16.26	35.57	26.14	192.02	0.54	0.01	0.01	9.636
127	16.26	35.56	26.13	193.01	0.54	0.01	0.01	9.636
128	16.21	35.55	26.14	192.33	0.55	0.01	0.01	9.636
130	16.24	35.44	26.05	201.02	0.55	0.01	0.01	9.636
131	16.18	35.62	26.20	186.89	0.55	0.01	0.01	9.636
134	16.19	35.60	26.18	188.61	0.56	0.01	0.01	9.635
135	16.20	35.58	26.17	190.21	0.56	0.01	0.01	9.635
136	16.19	35.61	26.19	187.89	0.56	0.01	0.01	9.635
138	16.20	35.59	26.17	189.64	0.56	0.01	0.01	9.635

CRUISE ID: CONGO

Table 33

ENTER STATION #,DATE, AND TIME : STA 14 11-05-78 1200

OPEN OUTPUT FILE, THEN 'GO'*O O E\C14D;G

CONGO STA 14 11-05-78 1200 DN CAST

DEPTH	TEMP	SAL	SIG-T	SVA	DELD	% TR	POT TR	POT C
2						0.01	0.01	9.640
3						0.01	0.01	9.640
4						0.01	0.01	9.640
5						0.01	0.01	9.640
6						0.01	0.01	9.640
8						0.01	0.01	9.640
9						0.01	0.01	9.640
10	27.42	5.80	0.80	2655.69	0.30	0.01	0.01	9.640
11	25.18	16.36	9.33	1811.98	0.33	0.01	0.01	9.640
13	24.49	17.45	10.34	1712.62	0.35	0.01	0.01	9.640
16	18.92	35.54	25.47	252.56	0.36	0.64	0.64	5.048
18	18.80	35.02	25.11	287.02	0.37	0.77	0.77	4.874
20	18.67	35.89	25.80	221.10	0.37	0.96	0.96	4.646
21	18.46	35.50	25.56	244.34	0.37	0.94	0.94	4.672
23	18.34	35.69	25.73	227.89	0.38	0.96	0.96	4.646
24	18.32	35.86	25.87	214.97	0.38	0.81	0.81	4.812
25	18.35	36.15	26.08	194.69	0.38	0.59	0.59	5.127
27	18.34	35.57	25.64	236.92	0.38	0.74	0.74	4.906
28	18.37	35.88	25.87	214.90	0.39	1.08	1.08	4.526
29	18.36	35.77	25.79	222.90	0.39	1.72	1.72	4.064
31	18.39	35.72	25.74	227.18	0.39	4.58	4.58	3.084
33	18.27	35.74	25.79	222.96	0.40	4.99	4.99	2.997
34	18.24	35.78	25.83	218.88	0.40	4.72	4.73	3.052
35	18.22	35.58	25.68	233.21	0.40	3.31	3.31	3.409
37	18.22	35.86	25.89	213.09	0.41	4.38	4.38	3.128
38	18.13	35.71	25.80	221.90	0.41	7.88	7.88	2.541
39	18.13	35.64	25.74	227.26	0.41	9.03	9.03	2.405
40	18.11	35.49	25.64	237.17	0.41	9.12	9.13	2.394
41	18.11	35.71	25.81	221.38	0.42	7.31	7.32	2.615
42	18.09	35.98	26.02	201.45	0.42	8.34	8.34	2.484
43	18.04	35.57	25.72	230.16	0.42	8.07	8.08	2.517
44	18.03	35.70	25.82	220.61	0.42	8.37	8.37	2.481
46	18.02	35.55	25.70	231.39	0.43	9.71	9.71	2.332
48	18.01	35.69	25.81	221.00	0.43	10.22	10.23	2.280
49	17.99	35.72	25.85	217.84	0.43	10.22	10.23	2.280
50	17.89	35.62	25.79	223.35	0.44	10.69	10.69	2.236
52	17.82	35.73	25.89	213.53	0.44	11.25	11.25	2.185
53	17.79	35.73	25.90	213.12	0.44	10.96	10.96	2.211
55	17.75	35.62	25.83	219.88	0.45	10.37	10.37	2.266
56	17.71	35.58	25.80	222.27	0.45	10.96	10.96	2.211
57	17.72	35.71	25.90	213.27	0.45	11.03	11.03	2.204
59	17.70	35.88	26.04	200.31	0.46	10.66	10.67	2.238
60	17.71	35.70	25.90	213.48	0.46	13.52	13.53	2.001
61	17.66	35.82	26.00	203.55	0.46	13.08	13.09	2.034
62	17.60	35.73	25.95	208.86	0.46	13.74	13.75	1.984
63	17.55	35.62	25.87	215.81	0.46	13.37	13.38	2.011
64	17.55	35.66	25.91	212.31	0.47	13.15	13.16	2.028
66	17.54	35.72	25.96	208.10	0.47	13.84	13.85	1.977
67	17.50	35.74	25.98	205.92	0.47	13.74	13.75	1.984
68	17.46	35.45	25.77	226.12	0.48	13.64	13.65	1.991
69	17.39	35.71	25.98	205.86	0.48	14.21	14.21	1.951

CONGO STA 14 11-05-78 1200 DN CAST

DEPTH	TEMP	SAL	SIG-T	SVA	DELD	% TR	POT TR	POT C
70	17.35	35.67	25.97	207.31	0.48	13.40	13.41	2.010
71	17.37	35.70	25.98	206.23	0.48	12.20	12.21	2.103
73	17.36	35.62	25.92	211.79	0.48	12.01	12.01	2.119
74	17.34	35.63	25.93	210.31	0.49	13.28	13.29	2.019
75	17.36	35.68	25.97	207.44	0.49	14.35	14.36	1.941
76	17.33	35.61	25.92	211.49	0.49	14.06	14.07	1.961
78	17.31	35.64	25.95	209.28	0.49	14.57	14.58	1.926
79	17.30	35.79	26.07	197.83	0.50	15.16	15.17	1.886
80	17.28	35.70	26.00	204.41	0.50	15.77	15.78	1.847
81	17.25	35.68	25.99	204.89	0.50	16.77	16.78	1.785
82	17.20	35.55	25.91	212.94	0.50	17.06	17.08	1.768
84	17.16	35.41	25.81	222.72	0.51	16.43	16.44	1.806
85	17.16	35.54	25.91	212.91	0.51	15.67	15.68	1.853
87	17.15	35.61	25.97	207.71	0.51	10.22	10.23	2.280
88	17.13	35.78	26.10	195.47	0.52	1.30	1.30	4.340
89	17.13	35.79	26.11	194.65	0.52	0.96	0.96	4.645
91	17.11	35.42	25.83	221.11	0.52	0.67	0.67	5.009
92	17.09	35.56	25.95	209.93	0.52	0.33	0.33	5.729
93	17.03	35.66	26.03	201.83	0.53	0.23	0.23	6.088
94	16.96	35.69	26.07	197.78	0.53	0.86	0.86	4.752
96	16.89	35.50	25.95	209.89	0.53	3.06	3.07	3.485

CRUISE ID: CONGO

Table 34

ENTER STATION #,DATE, AND TIME : STA 15 11-05-78 1330

OPEN OUTPUT FILE, THEN 'GO'*O O C15D;G

CONGO STA 15 11-05-78 1330 DN CAST

DEPTH	TEMP	SAL	SIG-T	SVA	DELD	% TR	POT TR	POT C
1						0.01	0.01	9.640
2						0.01	0.01	9.640
4						0.01	0.01	9.640
5						0.01	0.01	9.640
7						0.01	0.01	9.640
9	25.69	15.63	8.64	1879.53	0.24	0.59	0.59	5.127
10	23.81	24.54	15.85	1176.24	0.26	0.06	0.06	7.498
12	20.78	34.69	24.34	359.87	0.26	0.77	0.77	4.874
13	20.06	35.81	25.38	260.95	0.27	1.55	1.55	4.169
15	20.05	35.93	25.48	251.77	0.27	3.97	3.97	3.227
17	19.95	35.78	25.39	260.16	0.28	8.49	8.49	2.467
18	19.92	35.89	25.48	251.81	0.28	13.45	13.45	2.006
20	19.94	35.82	25.42	257.83	0.29	14.30	14.31	1.945
24	19.85	35.84	25.46	253.74	0.30	15.62	15.63	1.856
26	19.57	35.84	25.53	247.00	0.30	16.04	16.04	1.830
27	19.47	35.82	25.55	245.52	0.30	16.48	16.48	1.803
28	19.43	35.99	25.68	232.85	0.31	16.38	16.38	1.809
30	19.45	36.08	25.75	226.93	0.31	19.26	19.27	1.647
31	19.48	35.85	25.57	244.02	0.31	21.27	21.27	1.548
33	19.49	35.80	25.52	248.41	0.32	25.40	25.40	1.370
34	19.46	35.85	25.57	243.44	0.32	22.95	22.96	1.472
35	19.34	35.95	25.68	233.39	0.32	20.73	20.74	1.573
36	19.19	35.81	25.61	239.81	0.33	21.05	21.05	1.558
37	19.15	35.88	25.67	233.97	0.33	27.40	27.41	1.294
39	19.10	35.77	25.60	241.07	0.33	27.23	27.24	1.301
40	19.09	35.88	25.69	232.57	0.33	26.69	26.70	1.321
41	19.08	35.82	25.64	236.95	0.34	27.96	27.97	1.274
42	19.08	35.79	25.63	238.78	0.34	25.96	25.97	1.348
43	19.07	35.83	25.65	236.29	0.34	24.86	24.87	1.392
44	19.02	35.77	25.62	239.13	0.34	26.47	26.48	1.329
46	19.05	35.82	25.65	236.55	0.35	26.08	26.09	1.344
47	19.04	35.67	25.54	246.97	0.35	26.99	26.99	1.310
48	19.03	35.83	25.67	235.03	0.35	27.72	27.73	1.283
49	18.99	35.77	25.63	238.73	0.36	28.23	28.24	1.265
50	18.97	35.78	25.65	237.14	0.36	29.26	29.27	1.229
52	18.85	35.87	25.74	228.25	0.36	27.23	27.24	1.301
54	18.79	35.83	25.73	229.55	0.37	28.94	28.95	1.240
55	18.76	35.65	25.60	241.92	0.37	30.75	30.76	1.179
57	18.65	35.66	25.64	238.32	0.37	31.24	31.25	1.163
58	18.59	35.72	25.69	232.67	0.38	31.34	31.35	1.160
60	18.43	35.64	25.67	234.80	0.38	32.36	32.37	1.128
62	18.40	35.59	25.64	237.79	0.39	31.36	31.37	1.159
63	18.36	35.81	25.82	220.71	0.39	34.42	34.43	1.066
65	18.14	35.49	25.63	239.31	0.39	34.37	34.38	1.068
66	18.10	35.63	25.74	228.32	0.40	35.61	35.62	1.032
68	17.97	35.72	25.85	218.33	0.40	37.59	37.60	0.978
70	17.93	35.65	25.81	222.35	0.40	37.71	37.73	0.975
71	17.89	35.68	25.84	219.24	0.41	37.05	37.07	0.993
73	17.80	35.67	25.86	217.82	0.41	36.98	36.99	0.995
74	17.77	35.72	25.90	213.77	0.41	36.71	36.72	1.002
76	17.73	35.69	25.88	215.20	0.42	38.06	38.07	0.966

CONGO STA 15 11-05-78 1330 DN CAST

DEPTH	TEMP	SAL	SIG-T	SVA	DELD	% TR	POT TR	POT C
77	17.74	35.74	25.92	211.59	0.42	37.98	38.00	0.968
79	17.67	35.71	25.91	212.54	0.42	37.64	37.65	0.977
80	17.60	35.77	25.98	206.35	0.43	37.25	37.26	0.987
81	17.57	35.71	25.94	210.36	0.43	38.37	38.39	0.958
82	17.49	35.78	26.01	203.44	0.43	37.35	37.36	0.985
84	17.48	35.88	26.09	195.61	0.43	38.96	38.97	0.942
85	17.46	35.70	25.96	208.52	0.44	39.99	40.00	0.916
86	17.40	35.65	25.93	211.07	0.44	39.64	39.66	0.925
87	17.36	35.66	25.95	209.12	0.44	40.06	40.07	0.915
89	17.34	35.67	25.97	207.68	0.44	38.23	38.24	0.961
90	17.28	35.32	25.71	231.90	0.45	38.81	38.83	0.946
91	17.29	35.66	25.97	207.66	0.45	36.57	36.58	1.006
92	17.19	35.68	26.01	203.79	0.45	34.24	34.26	1.071

CRUISE ID: CONGO

ENTER STATION #,DATE, AND TIME : STA 15 11-05-78 1330

OPEN OUTPUT FILE, THEN 'GO'*O O C15RD;S LD=88;G

CONGO STA 15 11-05-78 1330 DN CAST

DEPTH	TEMP	SAL	SIG-T	SVA	DELD	% TR	POT TR	POT C
93	17.13	35.74	26.07	198.15	0.46	33.34	33.35	1.098
95	17.03	35.95	26.26	180.42	0.46	35.47	35.48	1.036
97	16.96	35.81	26.16	189.66	0.47	36.66	36.68	1.003
98	16.93	35.69	26.08	197.54	0.47	36.49	36.51	1.008
100	16.91	35.73	26.11	194.35	0.47	37.62	37.63	0.977
102	16.90	35.71	26.10	195.71	0.48	37.86	37.88	0.971
104	16.80	35.68	26.10	195.62	0.48	35.44	35.46	1.037
105	16.72	35.67	26.11	194.41	0.48	36.49	36.51	1.008
107	16.71	35.59	26.05	200.11	0.49	36.49	36.51	1.008
109	16.65	35.59	26.07	198.60	0.49	33.41	33.43	1.096
110	16.59	35.58	26.08	198.00	0.49	32.36	32.38	1.128
111	16.53	35.62	26.12	193.74	0.50	31.07	31.08	1.169
112	16.44	35.64	26.16	190.21	0.50	30.90	30.91	1.174
113	16.40	35.59	26.13	192.98	0.50	31.21	31.23	1.164
114	16.34	35.66	26.19	186.96	0.50	30.90	30.91	1.174
115	16.29	35.63	26.18	188.07	0.50	29.70	29.72	1.214
116	16.27	35.62	26.18	188.51	0.51	28.92	28.93	1.240
117	16.22	35.60	26.18	188.76	0.51	29.11	29.13	1.234
119	16.13	35.59	26.19	187.21	0.51	24.52	24.54	1.405
122	16.09	35.59	26.20	186.49	0.52	23.64	23.66	1.442
123	16.08	35.61	26.22	184.97	0.52	27.13	27.15	1.304
125	15.95	35.61	26.24	182.43	0.52	28.04	28.06	1.271
127	15.92	35.60	26.25	182.40	0.53	27.30	27.32	1.298
128	15.87	35.58	26.24	182.81	0.53	27.18	27.20	1.302
131	15.76	35.59	26.27	180.07	0.53	25.54	25.56	1.364
133	15.75	35.59	26.28	179.61	0.54	24.27	24.29	1.415
134	15.74	35.60	26.28	179.01	0.54	23.54	23.56	1.446
136	15.63	35.63	26.33	174.40	0.54	22.71	22.73	1.482
137	15.63	35.59	26.30	177.30	0.54	21.80	21.82	1.522
140	15.53	35.57	26.31	176.54	0.55	20.85	20.87	1.567
142	15.52	35.57	26.32	175.92	0.55	19.78	19.80	1.620
144	15.47	35.57	26.32	175.50	0.55	19.26	19.28	1.646
145	15.44	35.54	26.31	176.50	0.56	18.80	18.82	1.670
147	15.41	35.54	26.31	176.32	0.56	18.14	18.16	1.706
150	15.36	35.54	26.33	175.32	0.57	16.97	16.99	1.773
152	15.32	35.55	26.35	173.52	0.57	16.36	16.37	1.810
154	15.36	35.52	26.32	176.43	0.57	15.99	16.01	1.832
156	15.36	35.54	26.33	175.41	0.58	15.65	15.67	1.854
157	15.33	35.58	26.37	171.76	0.58	15.57	15.59	1.859
158	15.32	35.54	26.33	174.86	0.58	15.62	15.64	1.855
160	15.30	35.56	26.36	172.83	0.58	15.50	15.52	1.863
161	15.31	35.57	26.36	172.64	0.59	15.23	15.25	1.881
163	15.26	35.52	26.33	175.12	0.59	14.72	14.74	1.915
164	15.23	35.54	26.35	173.09	0.59	14.47	14.49	1.932
165	15.25	35.54	26.35	173.59	0.59	14.11	14.13	1.957
167	15.20	35.52	26.34	174.17	0.60	13.59	13.61	1.994
168	15.15	35.52	26.36	172.84	0.60	12.64	12.66	2.067
169	15.17	35.49	26.33	175.25	0.60	11.66	11.68	2.147
170	15.13	35.52	26.36	172.75	0.60	11.17	11.19	2.190
171	15.11	35.52	26.36	172.37	0.60	10.76	10.78	2.228
172	15.05	35.58	26.42	166.80	0.61	9.22	9.24	2.382

CONGO STA 15 11-05-78 1330 DN CAST

DEPTH	TEMP	SAL	SIG-T	SVA	DELD	% TR	POT TR	POT C
173	15.05	35.56	26.41	167.80	0.61	8.58	8.60	2.454
174	15.05	35.56	26.41	167.87	0.61	8.44	8.45	2.471
176	15.02	35.59	26.44	165.17	0.61	7.80	7.82	2.549
177	15.00	35.58	26.44	165.75	0.61	7.29	7.30	2.617
178	14.98	35.61	26.47	162.79	0.61	6.85	6.86	2.679
180	14.91	35.53	26.42	166.98	0.62	6.04	6.06	2.804
181	14.90	35.49	26.39	170.14	0.62	5.16	5.18	2.962
182	14.89	35.51	26.41	168.55	0.62	4.58	4.59	3.082
183	14.87	35.48	26.39	170.06	0.62	4.43	4.44	3.115
184	14.85	35.48	26.39	169.98	0.62	4.28	4.29	3.148
185	14.75	35.47	26.41	168.62	0.63	4.04	4.05	3.207
186	14.72	35.50	26.43	165.92	0.63	3.11	3.12	3.468
187	14.69	35.49	26.44	165.81	0.63	2.74	2.75	3.593
188	14.69	35.49	26.44	165.89	0.63	2.33	2.34	3.757
189	14.67	35.46	26.42	167.68	0.63	2.06	2.07	3.880
191	14.66	35.39	26.36	172.79	0.64	1.74	1.75	4.047
192	14.66	35.47	26.42	167.14	0.64	1.67	1.67	4.090
193	14.64	35.49	26.44	165.18	0.64	1.55	1.55	4.166
195	14.65	35.49	26.45	164.99	0.64	1.47	1.48	4.215
196	14.65	35.48	26.44	165.79	0.65	1.40	1.41	4.266
197	14.66	35.46	26.42	167.48	0.65	1.38	1.38	4.283
199	14.65	35.50	26.45	164.99	0.65	1.42	1.43	4.248
200	14.65	35.50	26.45	165.07	0.65	1.47	1.48	4.215
202	14.63	35.45	26.42	167.82	0.65	1.45	1.45	4.231
203	14.64	35.48	26.44	165.76	0.66	1.25	1.26	4.376
205	14.57	35.47	26.45	165.39	0.66	1.20	1.21	4.416
206	14.51	35.56	26.53	157.82	0.66	1.11	1.11	4.500
207	14.53	35.46	26.45	165.01	0.66	0.98	0.99	4.617
208	14.50	35.54	26.52	158.55	0.67	0.96	0.96	4.642
209	14.48	35.48	26.47	162.94	0.67	0.86	0.87	4.750
210	14.47	35.46	26.46	164.21	0.67	0.86	0.87	4.750
212	14.48	35.47	26.46	164.03	0.67	0.81	0.82	4.808
213	14.48	35.48	26.47	163.14	0.67	0.86	0.87	4.750
214	14.49	35.46	26.45	164.83	0.67	0.84	0.84	4.778
215	14.47	35.60	26.57	154.27	0.68	0.81	0.82	4.808
216	14.49	35.51	26.49	161.16	0.68	0.86	0.87	4.750
217	14.50	35.61	26.57	154.02	0.68	0.86	0.87	4.750

CRUISE ID: CONGO

Table 35

ENTER STATION #,DATE, AND TIME : STA 16 11-05-78 18\530

OPEN OUTPUT FILE, THEN 'GO'*O O C15D;G

CONGO STA 16 11-05-78 1530 DN CAST

DEPTH	TEMP	SAL	SIG-T	SVA	DELD	% TR	POT TR	POT C
1						0.01	0.01	9.640
2						0.01	0.01	9.640
3						0.01	0.01	9.640
5						0.01	0.01	9.640
6						0.01	0.01	9.640
7						0.01	0.01	9.640
8	26.17	12.37	6.06	2133.51	0.24	0.28	0.28	5.894
10	23.50	25.99	17.02	1062.78	0.25	0.01	0.01	9.640
11	20.23	35.68	25.24	274.72	0.26	2.52	2.53	3.679
13	20.18	35.66	25.24	274.71	0.26	8.93	8.93	2.416
15	20.15	35.84	25.38	261.28	0.27	16.43	16.43	1.806
17	19.85	35.68	25.34	265.16	0.27	22.81	22.81	1.478
18	19.54	35.76	25.48	251.70	0.28	21.29	21.30	1.547
19	19.81	35.14	24.94	303.38	0.28	23.18	23.18	1.462
21	19.76	35.73	25.40	259.45	0.28	25.35	25.35	1.372
22	19.62	35.56	25.31	268.07	0.29	25.13	25.13	1.381
23	19.44	35.78	25.52	247.86	0.29	21.90	21.91	1.518
24	19.40	35.78	25.53	247.16	0.29	21.78	21.79	1.524
26	19.36	36.01	25.72	229.31	0.30	24.52	24.52	1.406
27	19.41	36.62	26.17	186.47	0.30	25.23	25.23	1.377
28	19.37	35.47	25.30	268.84	0.30	24.40	24.40	1.411
29	19.36	35.75	25.52	248.40	0.30	25.25	25.26	1.376
30	19.34	35.82	25.58	242.52	0.31	24.08	24.08	1.424
31	19.29	35.84	25.61	240.10	0.31	24.64	24.65	1.401
33	19.31	35.94	25.68	233.29	0.31	24.93	24.94	1.389
34	19.27	35.54	25.38	261.77	0.32	25.47	25.48	1.368
36	19.29	35.80	25.58	242.94	0.32	25.77	25.77	1.356
37	19.25	35.87	25.64	237.10	0.32	25.47	25.48	1.368
38	19.23	35.56	25.41	259.53	0.33	25.20	25.21	1.378
39	19.19	35.92	25.69	232.26	0.33	25.91	25.92	1.350
41	19.16	35.84	25.64	237.62	0.33	24.98	24.99	1.387
42	19.15	35.76	25.58	242.88	0.34	25.55	25.55	1.365
43	19.11	35.78	25.61	240.48	0.34	24.71	24.72	1.398
44	19.07	36.25	25.98	205.33	0.34	24.86	24.87	1.392
46	19.08	35.96	25.75	226.95	0.34	25.25	25.26	1.376
48	19.02	35.84	25.68	234.16	0.35	23.93	23.94	1.430
49	19.03	35.88	25.70	231.64	0.35	24.91	24.92	1.390
50	19.00	35.78	25.64	237.90	0.35	25.33	25.33	1.373
51	18.93	35.91	25.75	227.00	0.36	26.01	26.02	1.347
52	18.89	35.79	25.67	235.02	0.36	27.43	27.43	1.293
54	18.32	35.81	25.83	219.50	0.36	28.72	28.73	1.247
55	18.08	35.86	25.93	210.30	0.37	29.99	30.00	1.204
57	17.99	35.81	25.91	212.01	0.37	29.63	29.63	1.216
58	17.92	35.75	25.88	214.63	0.37	30.36	30.37	1.192
59	17.91	35.76	25.89	213.86	0.37	29.99	30.00	1.204
61	17.84	35.87	26.00	204.13	0.38	30.55	30.56	1.185
62	17.82	35.78	25.93	210.69	0.38	32.51	32.52	1.123
63	17.81	35.80	25.95	209.06	0.38	32.39	32.40	1.127
64	17.79	35.81	25.96	207.63	0.39	32.36	32.37	1.128
66	17.71	35.65	25.86	217.45	0.39	33.58	33.60	1.091
68	17.57	35.66	25.90	213.12	0.39	32.95	32.96	1.110

CONGO STA 16 11-05-78 1530 DN CAST

DEPTH	TEMP	SAL	SIG-T	SVA	DELD	% TR	POT TR	POT C
69	17.54	35.74	25.97	206.50	0.40	33.14	33.16	1.104
71	17.47	35.72	25.97	206.55	0.40	33.85	33.86	1.083
73	17.40	35.80	26.05	199.59	0.40	33.51	33.52	1.093
74	17.39	36.16	26.33	173.02	0.41	32.73	32.74	1.117
76	17.35	35.73	26.01	203.17	0.41	32.09	32.11	1.136
78	17.35	35.72	26.00	204.21	0.41	31.04	31.05	1.170
79	17.33	35.61	25.92	211.68	0.42	30.43	30.44	1.189
81	17.25	35.68	25.99	204.87	0.42	29.50	29.52	1.220
82	17.22	35.66	25.99	205.46	0.42	29.38	29.39	1.225
84	17.12	35.92	26.21	184.55	0.42	29.82	29.83	1.210
85	17.12	35.44	25.84	219.68	0.43	29.63	29.64	1.216
87	17.11	35.75	26.08	196.57	0.43	29.77	29.79	1.211
88	17.10	35.77	26.10	195.16	0.43	29.21	29.22	1.230
89	17.08	35.65	26.01	203.60	0.44	28.77	28.78	1.245
90	17.04	35.59	25.98	206.92	0.44	28.60	28.61	1.251
92	16.88	35.69	26.09	196.27	0.44	27.96	27.98	1.274
94	16.82	35.83	26.21	184.78	0.45	28.23	28.25	1.264
96	16.79	35.65	26.08	197.11	0.45	28.87	28.88	1.242
97	16.78	35.73	26.15	191.01	0.45	28.92	28.93	1.240
99	16.77	35.63	26.07	198.51	0.45	30.63	30.64	1.183
100	16.76	35.53	26.00	205.21	0.46	30.41	30.42	1.190
101	16.75	35.54	26.00	204.52	0.46	30.41	30.42	1.190
103	16.74	35.69	26.13	193.02	0.46	30.16	30.18	1.198
105	16.65	35.62	26.09	196.70	0.47	29.67	29.69	1.214
106	16.47	35.64	26.15	191.14	0.47	29.11	29.13	1.234
108	16.42	35.72	26.22	184.06	0.47	26.96	26.98	1.310
109	16.42	35.62	26.15	191.26	0.47	26.69	26.71	1.320
110	16.42	35.60	26.13	193.13	0.48	26.50	26.51	1.328
111	16.38	35.74	26.24	182.27	0.48	26.99	27.00	1.309
112	16.39	35.73	26.23	183.07	0.48	26.28	26.29	1.336
114	16.37	35.29	25.90	214.59	0.49	25.45	25.46	1.368
116	16.36	35.62	26.16	190.21	0.49	26.01	26.03	1.346
118	16.36	35.67	26.20	186.85	0.49	25.37	25.39	1.371
120	16.28	35.81	26.32	174.81	0.50	24.32	24.34	1.413
122	16.21	35.30	25.95	210.29	0.50	23.88	23.90	1.431
125	16.14	35.55	26.15	191.09	0.51	23.05	23.07	1.467
126	16.05	35.43	26.08	197.66	0.51	21.51	21.53	1.536
128	15.98	35.50	26.15	191.24	0.51	20.29	20.31	1.594
130	15.82	35.57	26.25	182.25	0.51	17.53	17.55	1.741
131	15.82	35.59	26.26	181.37	0.52	16.21	16.23	1.819
133	15.68	35.72	26.40	168.28	0.52	13.99	14.00	1.966
136	15.57	35.57	26.30	177.01	0.52	11.59	11.61	2.154
137	15.57	35.50	26.25	182.50	0.53	10.86	10.87	2.219
138	15.53	35.65	26.37	170.60	0.53	10.10	10.11	2.291
139	15.53	35.66	26.38	169.98	0.53	10.25	10.26	2.277
140	15.53	35.62	26.35	172.83	0.53	10.30	10.31	2.272
141	15.51	35.56	26.31	177.06	0.53	10.00	10.02	2.301
143	15.51	35.59	26.33	174.33	0.54	9.71	9.72	2.331
144	15.51	35.54	26.29	178.16	0.54	9.98	9.99	2.304
146	15.34	35.53	26.32	175.51	0.54	8.17	8.18	2.503
147	15.35	35.50	26.30	178.17	0.54	7.68	7.69	2.565
149	15.35	35.51	26.30	177.36	0.55	7.27	7.28	2.621
151	15.36	35.54	26.33	175.38	0.55	7.31	7.33	2.614
153	15.35	35.55	26.33	174.74	0.55	7.19	7.20	2.631
154	15.35	35.51	26.30	177.63	0.56	7.92	7.94	2.534
155	15.34	35.59	26.37	171.41	0.56	8.78	8.79	2.431
156	15.31	35.54	26.34	174.24	0.56	8.73	8.75	2.437

CONGO STA 16 11-05-78 1530 DN CAST

DEPTH	TEMP	SAL	SIG-T	SVA	DELD	% TR	POT TR	POT C
157	15.28	35.55	26.35	173.15	0.56	8.68	8.70	2.442
159	15.26	35.64	26.42	166.39	0.56	8.41	8.43	2.474
160	15.27	35.53	26.34	174.68	0.57	8.24	8.26	2.494
161	15.19	35.69	26.48	160.90	0.57	7.75	7.77	2.555
162	15.11	35.55	26.39	169.21	0.57	7.22	7.23	2.627
163	14.98	35.66	26.50	159.05	0.57	5.51	5.52	2.898
164	14.97	35.65	26.50	159.32	0.57	4.43	4.44	3.115
165	14.93	35.67	26.52	156.84	0.58	3.55	3.56	3.336
167	14.91	35.51	26.41	168.07	0.58	2.62	2.63	3.639
168	14.86	35.48	26.39	169.70	0.58	2.04	2.04	3.892
169	14.86	35.40	26.33	175.42	0.58	1.60	1.60	4.135
170	14.86	35.72	26.58	151.84	0.58	1.40	1.40	4.266
171	14.86	35.48	26.39	169.89	0.59	1.30	1.31	4.338
172	14.83	35.52	26.43	166.21	0.59	1.28	1.28	4.357
173	14.83	35.49	26.40	168.86	0.59	1.30	1.31	4.338
174	14.82	35.49	26.40	168.47	0.59	1.30	1.31	4.338
175	14.81	35.44	26.37	171.64	0.59	1.25	1.26	4.377
176	14.81	35.48	26.40	168.85	0.59	1.03	1.04	4.569
177	14.81	35.49	26.41	168.01	0.60	1.01	1.01	4.593
178	14.80	35.65	26.54	156.24	0.60	0.89	0.89	4.722
180	14.80	35.51	26.42	166.73	0.60	0.89	0.89	4.722
181	14.77	35.47	26.41	168.52	0.60	0.74	0.74	4.903
182	14.76	35.46	26.40	169.12	0.60	0.62	0.62	5.083
184	14.76	35.47	26.41	168.26	0.61	0.59	0.60	5.124

CRUISE ID: CONGO

ENTER STATION #,DATE, AND TIME : STA 17 11-05-78 1700

Table 36

OPEN OUTPUT FILE, THEN 'GO'*O O C17D;G

CONGO STA 17 11-05-78 1700 DN CAST

DEPTH	TEMP	SAL	SIG-T	SVA	DELD	% TR	POT TR	POT C
1						0.01	0.01	9.640
3						0.01	0.01	9.640
4						0.01	0.01	9.640
5						0.01	0.01	9.640
6						0.01	0.01	9.640
7						0.01	0.01	9.640
9	23.35	23.17	14.94	1263.58	0.24	0.01	0.01	9.640
11	20.01	34.86	24.67	328.15	0.25	0.01	0.01	9.640
13	19.49	35.92	25.62	238.63	0.25	0.23	0.23	6.090
15	19.42	35.78	25.52	247.41	0.26	2.50	2.50	3.689
17	19.38	36.17	25.84	217.59	0.26	4.43	4.43	3.117
18	19.39	35.76	25.52	247.67	0.27	5.19	5.19	2.959
20	19.43	35.65	25.42	257.06	0.27	12.54	12.55	2.076
21	19.45	36.19	25.83	218.63	0.27	17.46	17.46	1.745
22	19.34	35.73	25.51	248.83	0.27	20.61	20.61	1.579
23	19.32	35.84	25.60	240.40	0.28	22.05	22.05	1.512
25	19.26	35.69	25.50	250.07	0.28	24.64	24.64	1.401
26	19.20	35.86	25.64	236.56	0.29	25.72	25.72	1.358
29	19.15	36.42	26.08	194.68	0.29	26.62	26.62	1.323
30	18.93	35.66	25.56	244.71	0.29	22.08	22.08	1.511
32	18.82	35.69	25.62	239.29	0.30	14.35	14.36	1.941
33	18.77	35.76	25.68	233.54	0.30	14.08	14.09	1.960
35	18.73	35.75	25.68	233.00	0.30	12.28	12.28	2.097
37	18.82	35.08	25.15	283.72	0.31	12.62	12.62	2.070
38	18.84	36.08	25.91	211.86	0.31	14.18	14.19	1.953
40	18.85	35.96	25.81	221.40	0.32	15.23	15.24	1.882
41	18.85	35.90	25.77	225.02	0.32	15.65	15.65	1.855
43	18.87	35.82	25.70	231.92	0.32	15.33	15.34	1.875
44	18.77	35.54	25.51	249.86	0.33	15.43	15.43	1.869
46	18.45	35.76	25.76	225.88	0.33	11.44	11.45	2.167
47	18.37	35.74	25.76	225.71	0.33	9.32	9.32	2.373
49	18.32	35.69	25.74	227.93	0.34	10.08	10.08	2.295
50	18.20	36.06	26.05	198.38	0.34	11.25	11.25	2.185
53	18.10	35.64	25.76	226.59	0.35	12.50	12.50	2.080
54	17.99	35.74	25.86	217.18	0.35	13.35	13.36	2.013
56	17.95	35.64	25.80	223.03	0.35	12.98	12.99	2.041
57	17.92	35.76	25.89	213.72	0.36	13.13	13.14	2.030
59	17.89	35.70	25.85	217.72	0.36	14.40	14.41	1.938
61	17.80	35.76	25.92	211.65	0.36	19.36	19.37	1.642
63	17.82	35.70	25.87	216.00	0.37	20.22	20.23	1.598
64	17.80	35.77	25.93	210.18	0.37	20.88	20.89	1.566
66	17.79	35.78	25.94	209.48	0.37	23.74	23.75	1.438
67	17.80	35.74	25.90	213.02	0.38	24.54	24.55	1.404
69	17.78	35.76	25.93	210.72	0.38	27.62	27.63	1.286
71	17.80	35.74	25.90	213.28	0.39	29.55	29.56	1.219
72	17.76	35.72	25.90	213.78	0.39	23.42	23.43	1.451
74	17.68	35.73	25.93	211.25	0.39	21.34	21.35	1.544
75	17.60	35.66	25.90	214.10	0.39	19.92	19.93	1.613
78	17.53	35.66	25.91	212.50	0.40	21.49	21.50	1.537
79	17.46	35.61	25.89	215.17	0.40	21.24	21.25	1.549
81	17.44	35.59	25.88	215.65	0.41	22.56	22.57	1.488

CONGO STA 17 11-05-78 1700 DN CAST

DEPTH	TEMP	SAL	SIG-T	SVA	DELD	% TR	POT TR	POT C
82	17.35	35.77	26.04	200.89	0.41	23.08	23.09	1.466
84	17.31	35.68	25.97	206.88	0.41	21.51	21.52	1.536
85	17.24	35.73	26.04	200.94	0.42	21.88	21.89	1.519
87	17.21	35.00	25.49	253.40	0.42	21.63	21.65	1.530
88	17.19	35.75	26.06	199.08	0.42	22.10	22.11	1.509
90	17.17	35.69	26.02	203.00	0.43	23.05	23.06	1.467
91	17.15	35.59	25.95	209.81	0.43	22.93	22.94	1.472
93	17.09	35.63	25.99	205.51	0.43	23.49	23.51	1.448
95	16.97	35.42	25.86	218.24	0.44	23.22	23.24	1.460
96	16.96	35.73	26.10	195.18	0.44	22.81	22.82	1.478
98	16.92	35.65	26.05	200.39	0.44	22.93	22.94	1.472
99	16.80	35.67	26.09	196.23	0.44	22.61	22.63	1.486
101	16.73	35.65	26.10	195.77	0.45	22.32	22.33	1.499
103	16.65	35.79	26.22	183.88	0.45	22.12	22.14	1.508
104	16.62	35.49	26.00	205.34	0.45	21.29	21.31	1.546
106	16.59	35.61	26.09	196.08	0.46	20.05	20.06	1.607
108	16.45	35.35	25.93	211.67	0.46	18.68	18.69	1.677
110	16.34	35.59	26.14	192.18	0.47	16.65	16.66	1.792
111	16.31	35.59	26.15	191.00	0.47	15.87	15.88	1.840
113	16.22	35.69	26.24	182.06	0.47	14.77	14.78	1.912
115	16.17	35.58	26.17	188.78	0.47	13.01	13.02	2.039
116	16.13	35.42	26.06	199.94	0.48	11.69	11.70	2.146
118	16.10	35.59	26.20	186.87	0.48	12.45	12.46	2.083
120	16.09	35.59	26.20	186.40	0.48	12.84	12.85	2.052
121	16.05	35.59	26.21	185.61	0.49	11.05	11.07	2.202
123	16.03	35.58	26.21	186.09	0.49	8.73	8.74	2.437
125	15.98	35.57	26.21	185.49	0.49	7.27	7.28	2.621
126	15.97	35.61	26.24	183.02	0.50	6.48	6.49	2.735
128	15.96	35.56	26.21	186.07	0.50	6.21	6.22	2.777
129	15.95	35.63	26.26	181.02	0.50	5.90	5.91	2.829
131	15.94	35.58	26.23	184.10	0.50	5.04	5.05	2.986
132	15.95	35.58	26.22	184.89	0.51	4.53	4.54	3.093
134	15.92	35.58	26.23	183.81	0.51	3.36	3.36	3.393
136	15.90	35.61	26.26	181.72	0.51	2.70	2.70	3.612
137	15.86	35.57	26.24	183.52	0.52	2.40	2.41	3.727
139	15.85	35.55	26.22	184.75	0.52	2.30	2.31	3.769
140	15.85	35.55	26.22	185.01	0.52	2.33	2.33	3.758
143	15.82	35.58	26.25	182.11	0.53	2.30	2.31	3.768
144	15.80	35.58	26.26	181.68	0.53	2.21	2.21	3.812
146	15.80	35.53	26.22	185.47	0.53	2.04	2.04	3.892
147	15.76	35.52	26.22	185.66	0.53	1.86	1.87	3.980
149	15.64	35.51	26.24	183.34	0.54	2.38	2.38	3.737
151	15.57	35.51	26.26	181.69	0.54	1.62	1.62	4.121
152	15.51	35.53	26.28	179.60	0.54	1.13	1.13	4.480
154	15.47	35.55	26.31	177.03	0.55	0.72	0.72	4.937
155	15.48	35.53	26.29	178.78	0.55	0.47	0.47	5.355
157	15.45	35.54	26.30	177.68	0.55	0.35	0.35	5.655
159	15.45	35.56	26.32	175.94	0.56	0.28	0.28	5.891
160	15.45	35.41	26.20	187.24	0.56	0.15	0.15	6.477
162	15.44	35.54	26.31	177.49	0.56	0.18	0.18	6.329
163	15.42	35.53	26.30	178.05	0.56	0.01	0.01	9.634
165	15.40	35.42	26.23	185.12	0.57	0.01	0.01	9.634
166	15.33	35.53	26.32	176.03	0.57	0.01	0.01	9.634
168	15.32	35.56	26.35	173.57	0.57	0.01	0.01	9.634
169	15.34	35.51	26.31	177.83	0.57	0.01	0.01	9.634
171	15.32	35.53	26.33	175.57	0.58	0.01	0.01	9.634
172	15.32	35.46	26.27	181.32	0.58	0.01	0.01	9.634

CONGO STA 17 11-05-78 1700 DN CAST

DEPTH	TEMP	SAL	SIG-T	SVA	DELD	% TR	POT TR	POT C
174	15.29	35.54	26.34	174.83	0.58	0.01	0.01	9.634
175	15.25	35.50	26.32	177.00	0.58	0.01	0.01	9.634
176	15.25	35.52	26.34	175.20	0.59	0.01	0.01	9.634
177	15.24	35.51	26.33	175.51	0.59	0.01	0.01	9.634
179	15.27	35.47	26.29	179.60	0.59	0.01	0.01	9.634
181	15.27	35.48	26.30	178.52	0.59	0.01	0.01	9.633

CRUISE ID: CONGO

Table 37

ENTER STATION #,DATE, AND TIME : STA 19 12-05-78 0800

OPEN OUTPUT FILE, THEN 'GO'*O O C19D;G

CONGO STA 19 12-05-78 0800 DN CAST

DEPTH	TEMP	SAL	SIG-T	SVA	DELD	% TR	POT TR	POT C
4	23.67	23.67	15.23	1235.90	0.05	2.87	2.87	3.551
7	22.07	30.16	20.56	721.67	0.07	0.01	0.01	9.385
12	20.66	35.71	25.15	283.08	0.09	23.74	23.74	1.438
16	20.38	35.71	25.22	276.29	0.10	33.44	33.44	1.095
19	20.05	35.91	25.46	253.75	0.11	33.61	33.62	1.090
23	20.02	35.86	25.43	256.43	0.11	34.35	34.35	1.069
26	19.95	35.94	25.51	248.92	0.12	34.96	34.96	1.051
31	19.82	35.94	25.55	245.69	0.13	35.71	35.72	1.030
34	19.76	35.84	25.49	251.81	0.14	34.00	34.01	1.079
39	19.52	35.88	25.57	243.69	0.16	27.89	27.90	1.277
43	19.42	35.87	25.60	241.46	0.16	27.92	27.92	1.276
46	19.39	35.82	25.57	244.27	0.17	29.02	29.02	1.237
50	19.36	35.87	25.61	240.26	0.18	29.24	29.25	1.230
53	19.31	35.85	25.61	240.60	0.19	29.97	29.98	1.205
56	19.12	35.83	25.64	237.85	0.20	29.97	29.98	1.205
60	19.00	35.84	25.68	234.18	0.20	29.99	30.00	1.204
63	18.86	35.86	25.73	229.80	0.21	30.14	30.15	1.199
67	18.79	35.82	25.72	230.36	0.22	29.60	29.61	1.217
70	18.74	35.82	25.73	229.93	0.23	29.97	29.98	1.205
73	18.62	35.80	25.75	228.24	0.24	30.02	30.03	1.203
78	18.17	35.83	25.89	215.30	0.25	31.29	31.30	1.162
82	18.12	35.81	25.88	215.91	0.25	32.27	32.28	1.131
85	17.99	35.79	25.89	214.70	0.26	34.00	34.02	1.078
89	17.96	35.83	25.94	210.83	0.27	34.20	34.21	1.073
92	17.79	35.76	25.92	212.01	0.28	34.71	34.72	1.058
95	17.61	35.70	25.92	212.56	0.28	36.59	36.61	1.005
99	17.36	35.74	26.01	203.56	0.29	39.40	39.42	0.931
102	17.32	35.78	26.06	199.77	0.30	41.09	41.10	0.889
105	17.29	35.78	26.06	199.62	0.30	40.82	40.84	0.896
109	17.27	35.69	26.00	205.43	0.31	40.92	40.93	0.893
112	17.15	35.70	26.03	202.14	0.32	40.33	40.35	0.908
116	17.02	35.72	26.08	198.10	0.32	40.11	40.13	0.913
119	16.84	35.70	26.10	195.79	0.33	39.38	39.40	0.932
124	16.61	35.66	26.13	193.07	0.34	38.20	38.22	0.962
127	16.43	35.65	26.16	190.44	0.35	38.94	38.96	0.943
131	16.29	35.58	26.15	191.78	0.35	39.82	39.84	0.920
134	16.04	35.64	26.25	181.96	0.36	40.21	40.23	0.911
138	15.98	35.59	26.23	184.48	0.37	40.13	40.16	0.913
141	15.86	35.58	26.25	182.81	0.37	40.62	40.65	0.900
144	15.79	35.60	26.27	180.22	0.38	40.55	40.57	0.902
148	15.65	35.56	26.27	180.28	0.38	40.04	40.06	0.915
151	15.61	35.59	26.31	176.87	0.39	40.04	40.06	0.915
155	15.57	35.56	26.30	178.21	0.40	40.67	40.70	0.899
158	15.48	35.60	26.34	174.07	0.40	40.11	40.13	0.913
161	15.41	35.59	26.35	173.45	0.41	40.89	40.92	0.894
165	15.27	35.55	26.35	173.13	0.41	39.86	39.89	0.919
168	15.19	35.56	26.38	170.97	0.42	40.08	40.11	0.914
171	14.99	35.59	26.44	164.74	0.42	39.82	39.84	0.920
175	14.88	35.53	26.43	166.51	0.43	40.65	40.67	0.900
178	14.85	35.53	26.43	165.83	0.44	40.82	40.85	0.895
182	14.73	35.51	26.44	165.14	0.44	39.79	39.82	0.921

CONGO STA 19 12-05-78 0800 DN CAST

DEPTH	TEMP	SAL	SIG-T	SVA	DELD	% TR	POT TR	POT C
185	14.63	35.46	26.42	166.85	0.45	40.38	40.41	0.906
188	14.48	35.46	26.46	163.59	0.45	40.06	40.09	0.914
193	14.42	35.48	26.49	161.28	0.46	39.11	39.14	0.938
199	14.23	35.44	26.49	160.68	0.47	40.96	41.00	0.892
202	14.16	35.41	26.48	161.55	0.47	41.45	41.48	0.880
205	14.03	35.45	26.54	156.14	0.48	42.38	42.41	0.858
209	13.97	35.45	26.56	154.87	0.48	42.77	42.80	0.849
212	13.85	35.41	26.56	155.00	0.49	44.21	44.25	0.816
215	13.84	35.38	26.54	156.82	0.50	45.43	45.47	0.788
219	13.66	35.37	26.56	154.45	0.50	45.83	45.86	0.780
222	13.62	35.37	26.57	153.59	0.51	44.82	44.86	0.802
226	13.43	35.30	26.56	155.02	0.51	44.99	45.03	0.798
229	13.30	35.36	26.63	148.12	0.52	43.89	43.93	0.823
232	13.29	35.34	26.61	149.95	0.52	44.38	44.42	0.812
236	13.18	35.33	26.63	148.36	0.53	44.04	44.08	0.819
241	13.13	35.34	26.65	146.72	0.53	44.02	44.05	0.820
244	13.10	35.35	26.66	145.66	0.54	44.07	44.10	0.819
248	13.02	35.34	26.67	144.73	0.54	43.50	43.54	0.832
251	12.99	35.37	26.70	142.03	0.55	43.43	43.47	0.833
254	12.94	35.34	26.69	143.04	0.55	42.38	42.42	0.858
258	12.91	35.27	26.64	147.62	0.56	43.01	43.06	0.843
261	12.84	35.32	26.69	143.08	0.56	41.38	41.42	0.882
264	12.81	35.33	26.70	142.05	0.57	40.69	40.74	0.898
270	12.73	35.29	26.69	143.35	0.57	40.55	40.59	0.902
275	12.55	35.26	26.70	142.46	0.58	40.57	40.62	0.901
278	12.53	35.25	26.70	142.79	0.59	41.52	41.57	0.878
281	12.48	35.25	26.71	141.59	0.59	40.84	40.88	0.895
285	12.39	35.24	26.72	140.67	0.60	40.52	40.57	0.902
288	12.20	35.23	26.75	138.18	0.60	40.62	40.67	0.900
292	12.08	35.22	26.76	136.96	0.61	39.42	39.47	0.930
295	11.85	35.22	26.81	132.17	0.61	37.20	37.25	0.988
298	11.79	35.22	26.82	131.54	0.61	34.66	34.71	1.058
302	11.63	35.19	26.82	131.01	0.62	34.49	34.53	1.063
305	11.58	35.22	26.86	127.45	0.62	34.63	34.68	1.059
308	11.45	35.20	26.87	127.07	0.63	37.27	37.32	0.986
312	11.30	35.15	26.86	127.86	0.63	37.78	37.84	0.972
315	11.26	35.15	26.86	127.58	0.64	37.17	37.22	0.988
319	11.17	35.13	26.86	127.29	0.64	33.17	33.22	1.102
322	11.16	35.13	26.86	127.33	0.65	33.65	33.71	1.088
325	11.15	35.10	26.85	129.01	0.65	28.52	28.58	1.253
329	11.01	35.11	26.88	126.12	0.65	22.51	22.56	1.489
332	10.83	35.13	26.93	121.48	0.66	13.91	13.95	1.970
335	10.71	35.15	26.97	117.91	0.66	10.64	10.67	2.238
341	10.45	31.93	24.51	349.99	0.68-	0.04	0.04	7.800

CRUISE ID: CONGO

Table 38

ENTER STATION #,DATE, AND TIME : STA 20 12-05-78 1115

OPEN OUTPUT FILE, THEN 'GO'*O O C20D;G

CONGO STA 20 12-05-78 1115 DN CAST

DEPTH	TEMP	SAL	SIG-T	SVA	DELD	% TR	POT TR	POT C
4						84.11	84.11	0.173
7	25.23	26.71	17.06	1058.26	0.16	1.52	1.53	4.184
11	24.44	32.92	21.96	587.38	0.18	22.40	22.40	1.496
14	22.34	35.43	24.47	347.93	0.19	51.31	51.31	0.667
17	20.95	35.87	25.19	279.27	0.20	44.78	44.78	0.803
21	20.67	35.91	25.29	269.51	0.21	43.71	43.71	0.828
24	20.59	35.91	25.32	267.65	0.22	42.46	42.46	0.857
28	20.60	35.91	25.31	267.92	0.22	42.41	42.41	0.858
31	20.12	35.85	25.39	260.58	0.23	7.07	7.07	2.649
34	19.99	35.87	25.45	255.44	0.24	1.84	1.84	3.994
38	19.76	35.89	25.52	248.61	0.25	8.10	8.10	2.513
41	19.58	35.81	25.51	249.71	0.26	18.24	18.25	1.701
45	19.42	35.94	25.65	236.43	0.27	15.04	15.04	1.894
48	19.43	35.88	25.61	240.91	0.27	19.61	19.62	1.629
51	19.32	35.87	25.62	239.59	0.28	17.46	17.46	1.745
55	19.30	35.87	25.63	238.97	0.29	22.44	22.45	1.494
58	19.21	35.88	25.66	235.98	0.30	31.58	31.59	1.152
61	19.14	35.88	25.68	234.66	0.31	28.80	28.81	1.245
65	19.04	35.83	25.66	236.01	0.31	34.12	34.13	1.075
68	18.74	35.85	25.76	227.23	0.32	30.90	30.91	1.174
72	18.31	35.77	25.80	223.32	0.33	36.01	36.02	1.021
75	18.15	35.76	25.84	219.64	0.34	37.74	37.75	0.974
80	18.00	35.84	25.93	210.80	0.35	40.70	40.71	0.899
83	17.98	35.80	25.91	213.02	0.36	42.38	42.40	0.858
87	17.90	35.76	25.89	214.84	0.36	45.17	45.18	0.795
90	17.71	35.77	25.95	209.28	0.37	44.07	44.08	0.819
94	17.55	35.74	25.97	207.77	0.38	47.37	47.38	0.747
99	17.34	35.71	25.99	205.60	0.39	48.61	48.63	0.721
102	17.18	35.74	26.05	200.03	0.39	48.91	48.92	0.715
105	17.13	35.78	26.10	195.68	0.40	51.62	51.64	0.661
109	16.94	35.74	26.11	194.46	0.41	50.30	50.32	0.687
112	16.85	35.65	26.07	198.85	0.41	53.40	53.42	0.627
116	16.66	35.67	26.13	193.39	0.42	50.06	50.07	0.692
119	16.62	35.69	26.16	190.78	0.43	55.51	55.52	0.589
122	16.23	35.68	26.23	183.37	0.43	49.32	49.34	0.707
126	16.26	35.60	26.16	190.19	0.44	51.13	51.15	0.671
129	16.10	35.61	26.21	185.85	0.45	50.20	50.22	0.689
133	16.06	35.65	26.25	182.22	0.45	50.47	50.49	0.684
136	15.96	35.65	26.27	180.13	0.46	50.93	50.96	0.674
139	15.96	35.60	26.23	184.05	0.46	53.60	53.62	0.623
143	15.78	35.62	26.29	178.47	0.47	49.25	49.27	0.708
148	15.50	35.60	26.34	173.95	0.48	50.15	50.17	0.690
151	15.43	35.61	26.37	171.46	0.49	50.40	50.42	0.685
155	15.27	35.55	26.36	172.50	0.49	48.59	48.61	0.721
158	15.23	35.55	26.36	172.00	0.50	53.57	53.60	0.624
161	15.16	35.56	26.38	170.33	0.50	50.47	50.49	0.683
165	15.19	35.57	26.39	169.83	0.51	53.89	53.91	0.618
168	15.18	35.56	26.39	170.26	0.51	51.89	51.91	0.656
171	14.97	35.48	26.37	172.07	0.52	53.13	53.16	0.632
175	14.82	35.54	26.44	164.75	0.53	51.30	51.33	0.667
178	14.78	35.52	26.44	165.28	0.53	51.40	51.42	0.665

CONGO STA 20 12-05-78 1115 DN CAST

DEPTH	TEMP	SAL	SIG-T	SVA	DELD	% TR	POT TR	POT C
182	14.67	35.53	26.47	162.48	0.54	52.25	52.28	0.649
185	14.59	35.46	26.43	166.29	0.54	54.65	54.67	0.604
188	14.47	35.51	26.50	160.04	0.55	53.13	53.16	0.632
192	14.43	35.47	26.48	161.90	0.55	54.23	54.26	0.612
195	14.35	35.46	26.49	161.04	0.56	56.28	56.31	0.574
199	14.31	35.47	26.50	159.78	0.56	52.99	53.01	0.635
202	14.32	35.45	26.48	161.60	0.57	56.31	56.34	0.574
207	14.06	35.44	26.53	156.98	0.58	53.69	53.72	0.621
210	13.96	35.44	26.55	155.22	0.58	55.58	55.61	0.587
214	13.92	35.39	26.52	158.23	0.59	59.09	59.12	0.526
217	13.87	35.42	26.55	155.38	0.59	60.02	60.05	0.510
221	13.81	35.41	26.56	154.44	0.60	56.77	56.80	0.566
226	13.73	35.40	26.57	153.97	0.61	53.67	53.70	0.622
229	13.68	35.40	26.58	153.15	0.61	57.80	57.83	0.548
232	13.65	35.41	26.59	151.97	0.62	55.84	55.88	0.582
236	13.55	35.32	26.55	156.32	0.62	53.99	54.02	0.616
239	13.39	35.38	26.63	148.96	0.63	50.47	50.50	0.683
243	13.34	35.38	26.63	148.20	0.63	52.96	53.00	0.635
246	13.32	35.38	26.64	147.45	0.64	53.06	53.09	0.633
249	13.24	35.50	26.75	137.58	0.64	56.45	56.49	0.571
253	13.23	35.38	26.66	145.94	0.65	54.99	55.02	0.598
256	13.08	35.27	26.61	150.99	0.65	55.11	55.15	0.595
259	12.94	35.30	26.66	146.28	0.66	54.06	54.10	0.615
263	12.82	35.29	26.67	145.23	0.66	55.09	55.12	0.596
266	12.66	35.30	26.71	141.45	0.67	55.11	55.15	0.595
270	12.60	35.25	26.68	143.95	0.67	54.96	55.00	0.598
273	12.56	35.28	26.72	141.03	0.68	57.72	57.76	0.549
276	12.47	35.25	26.71	141.66	0.68	55.06	55.10	0.596
280	12.38	35.27	26.74	138.75	0.69	54.79	54.83	0.601
283	12.27	35.26	26.76	137.02	0.69	54.55	54.59	0.605
286	12.18	35.27	26.78	134.81	0.69	54.91	54.96	0.599
290	12.14	35.14	26.69	143.42	0.70	57.33	57.37	0.556
293	11.97	35.20	26.77	135.95	0.70	53.42	53.47	0.626
297	11.76	35.18	26.80	133.48	0.71	53.74	53.78	0.620
300	11.70	35.15	26.78	134.93	0.71	53.32	53.37	0.628
303	11.49	35.17	26.84	129.74	0.72	53.32	53.37	0.628
308	11.36	35.16	26.86	127.91	0.72	55.06	55.10	0.596
312	11.14	35.14	26.88	126.02	0.73	53.62	53.66	0.623
317	11.01	35.09	26.87	127.07	0.73	53.72	53.76	0.621
320	10.57	35.12	26.97	117.42	0.74	50.98	51.03	0.673
324	10.43	34.99	26.89	124.46	0.74	52.18	52.22	0.650
327	9.94	34.97	26.96	117.58	0.75	50.71	50.76	0.678
330	9.89	34.98	26.97	116.46	0.75	52.91	52.96	0.636
334	9.61	34.96	27.00	113.54	0.75	51.56	51.61	0.661
339	9.34	34.95	27.04	109.54	0.76	50.29	50.35	0.686
342	9.21	34.92	27.04	110.19	0.76	50.46	50.52	0.683
346	9.06	34.94	27.08	106.04	0.77	51.81	51.86	0.657
349	9.00	34.90	27.06	108.49	0.77	51.69	51.74	0.659
352	8.97	34.91	27.08	106.49	0.77	52.64	52.69	0.641
357	8.87	34.92	27.10	104.73	0.78	51.64	51.69	0.660
363	8.84	34.92	27.10	104.52	0.79	52.64	52.69	0.641
366	8.75	34.83	27.05	109.26	0.79	53.47	53.52	0.625
369	8.46	34.85	27.10	103.84	0.79	52.20	52.25	0.649
373	8.37	34.85	27.12	102.26	0.80	52.30	52.35	0.647
376	8.37	34.80	27.08	105.76	0.80	54.93	54.99	0.598
379	8.28	34.85	27.13	101.45	0.80	52.30	52.35	0.647
383	8.27	34.83	27.12	102.18	0.81	52.81	52.87	0.638

CONGO STA 20 12-05-78 1115 DN CAST

DEPTH	TEMP	SAL	SIG-T	SVA	DELD	% TR	POT TR	POT C
388	8.24	34.85	27.14	100.95	0.81	54.42	54.48	0.607
393	8.05	34.81	27.14	100.78	0.82	52.39	52.45	0.645
396	7.99	34.88	27.20	95.21	0.82	53.96	54.02	0.616
400	7.99	34.89	27.21	94.25	0.82	53.69	53.75	0.621
403	7.96	34.92	27.24	91.35	0.83	53.39	53.46	0.626
406	7.91	34.94	27.26	89.10	0.83	53.93	53.99	0.616
412	7.90	34.81	27.16	98.93	0.83	53.44	53.51	0.626
415	7.89	34.82	27.17	98.10	0.84	53.74	53.80	0.620
418	7.87	34.83	27.18	97.35	0.84	54.79	54.85	0.601
422	7.80	34.80	27.16	98.60	0.84	52.37	52.43	0.646
425	7.78	34.78	27.16	99.48	0.85	53.08	53.14	0.632
428	7.79	34.81	27.17	97.92	0.85	53.35	53.41	0.627
432	7.73	34.80	27.18	97.49	0.85	52.81	52.87	0.637
435	7.70	34.80	27.18	96.89	0.86	51.90	51.97	0.655
439	7.70	34.82	27.20	95.94	0.86	53.49	53.56	0.625
442	7.69	34.81	27.19	96.68	0.86	52.22	52.29	0.649
445	7.59	34.78	27.18	97.25	0.87	52.49	52.56	0.643
449	7.54	34.79	27.20	95.75	0.87	51.15	51.22	0.669
452	7.54	34.76	27.17	98.16	0.87	51.15	51.22	0.669
455	7.55	34.79	27.20	95.98	0.88	51.63	51.70	0.660
459	7.48	34.75	27.17	98.01	0.88	52.76	52.83	0.638
464	7.38	34.75	27.19	96.50	0.89	54.10	54.17	0.613
467	7.35	34.75	27.20	95.93	0.89	40.69	40.77	0.897
472	7.33	34.78	27.22	94.06	0.89	52.71	52.78	0.639
476	7.32	34.75	27.20	96.12	0.90	51.15	51.22	0.669
479	7.27	34.74	27.20	95.70	0.90	52.07	52.15	0.651
483	7.24	34.76	27.22	94.03	0.90	52.86	52.93	0.636
486	7.21	34.77	27.23	92.83	0.91	50.56	50.63	0.681
491	7.20	34.78	27.23	92.58	0.91	51.10	51.17	0.670
494	7.15	34.76	27.23	92.84	0.91	51.37	51.44	0.665
498	7.15	34.78	27.24	91.88	0.92	51.17	51.25	0.669
501	7.14	34.75	27.22	93.96	0.92	50.27	50.34	0.686
504	7.10	34.75	27.23	93.45	0.92	51.95	52.03	0.653
508	7.10	34.77	27.24	91.98	0.93	51.15	51.22	0.669
511	7.07	34.76	27.24	92.46	0.93	50.56	50.64	0.681
515	7.07	34.76	27.24	92.61	0.93	48.97	49.05	0.712
518	7.07	34.74	27.23	93.43	0.94	49.34	49.42	0.705
521	7.03	34.75	27.24	92.44	0.94	48.43	48.52	0.723
525	7.02	34.74	27.23	93.26	0.94	43.86	43.95	0.822
528	6.96	34.78	27.27	89.11	0.95	49.26	49.35	0.706
532	6.97	34.76	27.25	91.41	0.95	49.95	50.03	0.693
535	6.98	34.73	27.23	93.23	0.95	49.43	49.52	0.703
538	6.97	34.77	27.26	90.64	0.95	50.24	50.32	0.687
542	6.97	34.75	27.25	91.98	0.96	48.63	48.71	0.719
545	6.98	34.77	27.27	90.33	0.96	49.90	49.98	0.694
548	6.89	34.73	27.24	92.25	0.96	44.72	44.81	0.803

CRUISE ID: CONGO

Table 39

ENTER STATION #,DATE, AND TIME : STA 21 12-05-78 1530

OPEN OUTPUT FILE, THEN 'GO'*O O C21D;G

CONGO STA 21 12-05-78 1530 DN CAST

DEPTH	TEMP	SAL	SIG-T	SVA	DELD	% TR	POT TR	POT C
4						84.45	84.45	0.169
7						84.30	84.31	0.171
11	24.20	32.35	21.60	621.42	0.25	1.52	1.53	4.184
14	20.59	35.91	25.32	267.02	0.26	4.92	4.92	3.012
17	20.39	35.82	25.30	268.91	0.27	7.07	7.07	2.649
21	20.57	35.78	25.22	276.57	0.27	6.56	6.56	2.724
24	20.32	35.81	25.31	268.26	0.28	4.14	4.14	3.185
28	20.02	35.95	25.50	249.99	0.29	12.38	12.38	2.089
31	19.85	35.93	25.53	247.43	0.30	27.75	27.75	1.282
36	19.71	35.88	25.53	247.66	0.31	31.61	31.61	1.152
39	19.49	35.85	25.56	244.56	0.32	26.82	26.82	1.316
43	18.96	35.85	25.70	231.54	0.33	30.07	30.07	1.202
46	18.86	35.83	25.71	231.30	0.34	33.29	33.30	1.100
50	18.76	35.85	25.75	226.82	0.34	34.81	34.82	1.055
53	18.77	35.85	25.74	227.87	0.35	38.55	38.56	0.953
56	18.71	35.83	25.75	227.49	0.36	38.87	38.87	0.945
60	18.68	35.80	25.74	228.81	0.37	35.88	35.89	1.025
63	18.66	35.83	25.76	226.51	0.38	37.69	37.70	0.976
67	18.59	35.83	25.78	225.39	0.38	38.33	38.34	0.959
70	18.48	35.84	25.81	221.94	0.39	39.45	39.46	0.930
73	18.43	35.77	25.77	226.07	0.40	39.96	39.98	0.917
77	17.95	35.81	25.92	212.00	0.41	40.58	40.59	0.902
80	17.88	35.79	25.93	211.19	0.41	42.75	42.76	0.850
83	17.80	35.80	25.95	209.52	0.42	43.73	43.74	0.827
87	17.73	35.78	25.96	208.77	0.43	42.48	42.50	0.856
90	17.67	35.78	25.97	207.95	0.43	45.78	45.79	0.781
94	17.60	35.78	25.98	206.33	0.44	44.85	44.87	0.802
97	17.59	35.77	25.98	206.64	0.45	45.27	45.28	0.792
100	17.47	35.69	25.95	210.18	0.45	45.49	45.50	0.788
104	17.19	35.75	26.06	199.14	0.46	45.51	45.53	0.787
107	17.09	35.72	26.06	199.15	0.47	45.44	45.45	0.789
111	16.97	35.68	26.06	199.39	0.48	45.00	45.01	0.798
114	16.74	35.66	26.10	195.52	0.48	46.19	46.21	0.772
117	16.53	35.70	26.18	188.70	0.49	47.12	47.14	0.752
122	16.42	35.68	26.19	187.72	0.50	47.54	47.56	0.743
126	16.29	35.66	26.21	185.98	0.50	45.36	45.38	0.790
129	16.22	35.68	26.24	183.03	0.51	45.44	45.46	0.789
133	16.17	35.65	26.23	184.38	0.52	44.09	44.11	0.819
138	16.05	35.65	26.26	181.81	0.53	44.51	44.53	0.809
143	15.87	35.63	26.28	179.97	0.53	44.83	44.85	0.802
146	15.62	35.57	26.29	178.97	0.54	45.58	45.61	0.785
149	15.49	35.61	26.35	173.34	0.55	45.83	45.85	0.780
153	15.45	35.57	26.32	175.56	0.55	46.29	46.32	0.770
158	15.12	35.58	26.41	167.56	0.56	45.24	45.27	0.793
161	15.03	35.62	26.46	162.86	0.57	45.41	45.44	0.789
165	14.99	35.68	26.52	157.69	0.57	44.95	44.97	0.799
168	14.89	35.51	26.41	167.75	0.58	44.36	44.39	0.812
171	14.82	35.53	26.44	165.52	0.58	44.92	44.95	0.800
175	14.82	35.54	26.44	164.75	0.59	44.34	44.36	0.813
178	14.79	35.53	26.44	165.01	0.59	43.68	43.70	0.828
182	14.77	35.50	26.43	166.69	0.60	42.99	43.02	0.844

CONGO STA 21 12-05-78 1530 DN CAST

DEPTH	TEMP	SAL	SIG-T	SVA	DELD	% TR	POT TR	POT C
185	14.53	35.47	26.46	163.68	0.61	42.01	42.04	0.867
188	14.35	35.44	26.47	162.54	0.61	44.43	44.46	0.811
192	14.29	35.45	26.49	160.89	0.62	45.31	45.34	0.791
195	14.12	35.46	26.54	156.15	0.62	46.02	46.05	0.776
199	14.06	35.46	26.55	155.53	0.63	47.22	47.25	0.750
204	14.01	35.44	26.54	155.95	0.63	47.41	47.45	0.746
209	13.88	35.41	26.55	155.55	0.64	47.39	47.42	0.746
212	13.81	35.45	26.59	151.72	0.65	46.49	46.52	0.765
215	13.80	35.45	26.59	151.55	0.65	45.14	45.18	0.795
219	13.78	35.42	26.57	153.35	0.66	45.92	45.96	0.778
222	13.65	35.37	26.57	154.27	0.66	44.85	44.88	0.801
226	13.59	35.39	26.59	151.84	0.67	44.19	44.22	0.816
229	13.54	35.37	26.59	152.34	0.67	44.43	44.47	0.811
232	13.49	35.38	26.60	150.86	0.68	41.45	41.49	0.880
236	13.44	35.34	26.58	153.02	0.68	40.11	40.15	0.913
239	13.30	35.37	26.63	148.05	0.69	41.08	41.12	0.889
243	13.16	35.33	26.64	147.75	0.69	40.74	40.78	0.897
246	13.10	35.35	26.66	145.44	0.70	42.40	42.44	0.857
249	12.88	35.31	26.67	144.57	0.70	44.51	44.54	0.809
254	12.73	35.30	26.70	142.48	0.71	44.04	44.08	0.819
259	12.59	35.27	26.70	141.71	0.72	42.35	42.40	0.858
263	12.57	35.28	26.72	140.68	0.72	41.23	41.27	0.885
266	12.54	35.29	26.73	139.70	0.73	40.40	40.44	0.905
270	12.49	35.28	26.73	139.54	0.73	39.67	39.71	0.924
275	12.29	35.29	26.77	135.38	0.74	40.18	40.22	0.911
278	12.15	35.27	26.79	134.28	0.74	41.50	41.54	0.879
281	11.91	35.20	26.78	134.83	0.75	40.96	41.01	0.892
285	11.76	35.22	26.82	130.80	0.75	41.11	41.15	0.888
288	11.76	35.16	26.78	135.03	0.76	39.98	40.03	0.916
292	11.67	35.22	26.84	129.38	0.76	41.28	41.33	0.884
295	11.65	35.21	26.83	129.83	0.77	40.18	40.23	0.911
298	11.61	35.24	26.87	127.01	0.77	39.84	39.89	0.919
303	11.39	35.18	26.87	126.91	0.78	38.64	38.69	0.950
307	11.30	35.17	26.87	126.11	0.78	38.10	38.15	0.964
310	11.24	35.19	26.90	124.06	0.79	38.71	38.76	0.948
315	11.18	35.18	26.90	123.57	0.79	36.61	36.66	1.004
319	10.95	35.11	26.89	124.99	0.80	36.66	36.71	1.002
324	10.89	35.13	26.91	122.56	0.80	35.44	35.49	1.036
329	10.72	35.06	26.89	124.91	0.81	34.39	34.44	1.066
332	10.58	35.09	26.94	119.72	0.81	36.73	36.79	1.000
335	10.54	35.12	26.97	117.51	0.82	36.76	36.81	0.999
341	10.29	35.04	26.95	119.15	0.82	36.15	36.20	1.016
344	10.11	35.05	26.99	115.09	0.83	39.03	39.09	0.940
347	9.83	35.08	27.06	108.60	0.83	38.61	38.67	0.950
351	9.85	34.94	26.95	118.98	0.83	40.25	40.31	0.909
354	9.39	35.00	27.07	107.21	0.84	38.05	38.11	0.965
357	9.17	34.99	27.10	104.52	0.84	39.32	39.38	0.932
361	9.00	34.95	27.10	104.75	0.84	38.05	38.11	0.965
364	9.01	34.97	27.11	103.27	0.85	37.64	37.70	0.976
368	8.98	34.95	27.10	104.58	0.85	38.03	38.09	0.965
371	8.99	34.91	27.07	107.49	0.86	38.78	38.85	0.946
374	8.89	34.88	27.06	108.37	0.86	38.44	38.50	0.955
378	8.78	34.92	27.11	103.83	0.86	38.03	38.09	0.965
381	8.75	34.92	27.12	103.00	0.87	37.73	37.80	0.973
385	8.67	34.93	27.14	101.17	0.87	38.22	38.29	0.960
388	8.66	34.94	27.15	100.27	0.87	37.76	37.82	0.972
391	8.63	34.88	27.10	104.39	0.88	40.47	40.53	0.903

CONGO STA 21 12-05-78 1530 DN CAST

DEPTH	TEMP	SAL	SIG-T	SVA	DELD	% TR	POT TR	POT C
395	8.46	34.93	27.17	98.07	0.88	38.03	38.09	0.965
398	8.44	34.88	27.13	101.61	0.88	40.27	40.34	0.908
401	8.42	34.89	27.14	100.78	0.89	39.40	39.46	0.930
405	8.37	34.91	27.16	98.96	0.89	38.49	38.56	0.953
410	8.36	34.88	27.15	100.40	0.90	38.37	38.44	0.956
413	8.36	34.90	27.16	99.46	0.90	39.30	39.37	0.932
417	8.34	34.88	27.15	100.28	0.90	39.71	39.78	0.922
420	8.26	34.86	27.14	100.90	0.91	39.44	39.51	0.929
425	8.25	34.88	27.17	99.03	0.91	37.07	37.14	0.991
428	8.24	34.86	27.15	100.39	0.91	39.00	39.07	0.940
432	8.17	34.89	27.18	97.63	0.92	38.32	38.39	0.957
435	8.15	34.85	27.15	100.11	0.92	38.39	38.46	0.956
440	8.14	34.87	27.17	98.81	0.93	37.20	37.27	0.987
444	8.10	34.88	27.19	97.00	0.93	38.17	38.25	0.961
447	8.06	34.86	27.17	98.49	0.93	37.34	37.42	0.983
450	8.06	34.86	27.18	98.18	0.94	36.78	36.85	0.998
454	8.01	34.85	27.17	98.67	0.94	37.46	37.54	0.980
457	8.01	34.85	27.18	98.32	0.94	39.76	39.84	0.921
461	7.97	34.86	27.19	97.13	0.95	36.78	36.86	0.998
464	7.96	34.85	27.18	97.90	0.95	34.73	34.80	1.056
469	7.95	34.86	27.19	97.14	0.95	35.49	35.56	1.034
472	7.94	34.87	27.20	96.30	0.96	35.05	35.12	1.046
476	7.95	34.85	27.19	97.51	0.96	35.68	35.76	1.029
479	7.85	34.95	27.28	88.93	0.96	35.63	35.71	1.030
483	7.82	34.85	27.20	96.00	0.97	34.80	34.88	1.053
486	7.77	34.86	27.22	94.95	0.97	33.38	33.46	1.095
489	7.77	34.84	27.21	95.71	0.97	35.56	35.64	1.032
493	7.76	34.83	27.20	96.49	0.98	32.46	32.54	1.123
496	7.74	34.82	27.19	97.38	0.98	33.29	33.37	1.098
499	7.74	34.86	27.23	94.21	0.98	31.77	31.85	1.144
504	7.73	34.84	27.21	95.68	0.99	30.92	31.00	1.171
508	7.71	34.83	27.20	96.57	0.99	29.60	29.68	1.215
511	7.63	34.84	27.22	94.74	0.99	27.69	27.77	1.281
515	7.29	34.77	27.22	94.49	1.00	20.31	20.39	1.590
518	7.11	34.78	27.25	91.21	1.00	13.28	13.34	2.015
521	7.13	34.80	27.27	89.94	1.00	13.18	13.24	2.022
525	7.10	34.79	27.26	90.58	1.01	13.10	13.17	2.028
528	7.09	34.78	27.25	91.40	1.01	12.49	12.56	2.075
532	7.07	34.78	27.26	90.71	1.01	11.66	11.72	2.144
535	7.03	34.82	27.29	87.89	1.02	13.28	13.34	2.015
540	7.00	34.78	27.26	90.41	1.02	12.15	12.21	2.103
543	7.01	34.77	27.26	90.90	1.02	1.74	1.76	4.040
547	7.00	34.15	26.77	136.96	1.03-	0.04	0.04	7.793

Table 40

CRUISE ID: CONGO

ENTER STATION #,DATE, AND TIME : STA 27 14-05-78 0035

OPEN OUTPUT FILE, THEN 'GO'*O O C27D;G

CONGO STA 27 14-05-78 0035 DN CAST

DEPTH	TEMP	SAL	SIG-T	SVA	DELD	% TR	POT TR	POT C
4	25.40	33.13	21.83	599.36	0.02	15.04	15.04	1.895
7	25.33	33.86	22.40	544.81	0.04	47.03	47.04	0.754
11	24.64	34.25	22.90	496.98	0.06	50.85	50.85	0.676
14	23.99	34.72	23.46	444.53	0.07	53.27	53.27	0.630
17	21.60	35.57	24.78	318.15	0.09	52.46	52.46	0.645
21	20.52	35.74	25.21	278.00	0.09	60.40	60.40	0.504
24	20.03	35.78	25.37	262.45	0.10	60.35	60.35	0.505
28	19.93	35.81	25.41	258.29	0.11	60.42	60.42	0.504
33	19.06	35.71	25.56	244.30	0.12	61.64	61.65	0.484
36	18.77	35.76	25.68	233.73	0.13	62.03	62.04	0.478
41	18.29	35.72	25.77	225.13	0.14	62.67	62.67	0.467
45	18.19	35.78	25.84	218.31	0.15	63.23	63.24	0.458
50	17.97	35.80	25.91	211.88	0.16	63.69	63.70	0.451
55	17.64	35.78	25.97	206.04	0.17	64.16	64.16	0.444
61	17.23	35.73	26.03	200.48	0.19	64.62	64.63	0.437
65	17.10	35.72	26.06	198.20	0.19	64.47	64.48	0.439
68	16.90	35.77	26.15	189.83	0.20	64.89	64.90	0.432
72	16.89	35.69	26.09	195.75	0.21	64.99	65.00	0.431
77	16.86	35.72	26.12	192.91	0.22	64.87	64.87	0.433
82	16.75	35.69	26.13	192.46	0.23	64.94	64.95	0.432
85	16.65	35.74	26.18	187.33	0.23	65.04	65.05	0.430
90	16.56	35.68	26.16	189.27	0.24	65.08	65.10	0.429
94	16.47	35.68	26.18	187.66	0.25	65.23	65.24	0.427
97	16.35	35.66	26.19	186.64	0.25	65.06	65.07	0.430
102	16.25	35.67	26.22	183.58	0.26	65.23	65.24	0.427
105	16.18	35.65	26.23	183.46	0.27	65.48	65.49	0.423
109	16.04	35.59	26.21	185.03	0.28	65.60	65.61	0.422
112	15.92	35.64	26.28	178.77	0.28	65.40	65.42	0.425
116	15.88	35.62	26.27	179.95	0.29	65.62	65.64	0.421
121	15.83	35.61	26.27	179.63	0.30	65.13	65.15	0.429
124	15.80	35.61	26.28	178.78	0.30	64.57	64.59	0.437
127	15.76	35.58	26.26	180.75	0.31	64.94	64.95	0.432
131	15.70	35.61	26.30	177.06	0.32	65.67	65.69	0.420
134	15.55	35.59	26.32	175.54	0.32	65.60	65.61	0.422
139	15.33	35.54	26.33	174.42	0.33	65.25	65.27	0.427
143	15.28	35.54	26.35	173.19	0.34	65.23	65.25	0.427
146	15.09	35.52	26.37	170.64	0.34	65.01	65.03	0.430
149	14.99	35.62	26.47	161.76	0.35	65.45	65.47	0.424
153	14.93	35.48	26.38	170.30	0.35	64.79	64.81	0.434
156	14.86	35.47	26.38	169.92	0.36	65.99	66.01	0.416
161	14.75	35.49	26.42	166.24	0.37	66.01	66.03	0.415
165	14.72	35.47	26.41	167.22	0.37	66.04	66.05	0.415
168	14.62	35.47	26.44	165.17	0.38	66.08	66.10	0.414
173	14.57	35.47	26.45	164.45	0.39	66.11	66.13	0.414
177	14.40	35.43	26.45	163.72	0.39	65.99	66.01	0.416
182	14.37	35.42	26.45	164.18	0.40	66.03	66.06	0.415
185	14.16	35.43	26.50	159.59	0.41	66.06	66.08	0.414
188	14.11	35.41	26.50	159.88	0.41	66.03	66.06	0.415
192	14.08	35.40	26.49	160.31	0.42	66.11	66.13	0.414
195	14.01	35.39	26.51	159.30	0.42	66.16	66.18	0.413
199	13.93	35.38	26.51	158.64	0.43	66.16	66.18	0.413

CONGO STA 27 14-05-78 0035 DN CAST

DEPTH	TEMP	SAL	SIG-T	SVA	DELD	% TR	POT TR	POT C
204	13.86	35.37	26.52	158.11	0.44	66.06	66.08	0.414
207	13.80	35.36	26.52	157.86	0.44	66.06	66.08	0.414
210	13.74	35.34	26.53	157.60	0.45	66.18	66.21	0.413
214	13.68	35.34	26.53	157.12	0.45	66.18	66.21	0.413
219	13.62	35.33	26.54	156.36	0.46	66.16	66.18	0.413
222	13.55	35.33	26.55	155.50	0.46	66.11	66.13	0.414
226	13.44	35.31	26.56	154.37	0.47	66.20	66.23	0.412
229	13.34	35.30	26.58	153.32	0.48	66.18	66.21	0.412
232	13.27	35.30	26.58	152.58	0.48	66.13	66.16	0.413
236	13.16	35.28	26.60	151.31	0.49	66.28	66.31	0.411
239	12.99	35.26	26.62	149.57	0.49	66.23	66.26	0.412
243	12.78	35.23	26.63	148.18	0.50	66.20	66.23	0.412
246	12.71	35.23	26.65	146.68	0.50	66.06	66.09	0.414
249	12.66	35.24	26.66	145.45	0.51	66.25	66.28	0.411
254	12.55	35.20	26.65	146.29	0.51	66.23	66.26	0.412
259	12.42	35.21	26.69	143.34	0.52	66.20	66.23	0.412
263	12.25	35.18	26.70	142.06	0.52	65.96	65.99	0.416
266	11.92	35.09	26.69	142.71	0.53	66.15	66.19	0.413
270	11.74	35.10	26.74	138.28	0.53	66.13	66.16	0.413
273	11.52	35.08	26.76	136.15	0.54	66.25	66.28	0.411
276	11.41	35.09	26.79	133.35	0.54	66.25	66.28	0.411
280	11.24	35.08	26.81	131.61	0.55	66.20	66.24	0.412
283	10.94	35.00	26.80	132.23	0.55	66.15	66.19	0.413
286	10.76	35.06	26.88	124.42	0.56	66.25	66.28	0.411
290	10.50	34.97	26.86	126.79	0.56	66.27	66.31	0.411
293	10.31	34.95	26.88	124.59	0.57	66.08	66.11	0.414
298	10.11	34.91	26.89	124.23	0.57	65.86	65.90	0.417
302	9.83	34.92	26.94	118.90	0.58	65.96	65.99	0.416
305	9.63	34.88	26.94	119.00	0.58	66.18	66.21	0.412
308	9.50	34.91	26.99	114.61	0.58	66.27	66.31	0.411
312	9.47	34.89	26.97	115.81	0.59	66.35	66.38	0.410
315	9.32	34.85	26.97	115.84	0.59	66.00	66.04	0.415
319	9.24	34.85	26.98	114.91	0.60	66.15	66.19	0.413
324	9.18	34.84	26.98	115.16	0.60	66.25	66.29	0.411
327	9.09	34.82	26.98	114.85	0.60	66.08	66.12	0.414
330	9.04	34.81	26.98	115.09	0.61	66.35	66.39	0.410
337	8.93	34.79	26.98	115.03	0.62	66.32	66.36	0.410
341	8.81	34.79	27.01	112.71	0.62	66.42	66.46	0.409
344	8.80	34.78	27.00	113.50	0.62	66.49	66.53	0.408
347	8.72	34.78	27.01	112.21	0.63	66.57	66.61	0.406
351	8.63	34.80	27.04	109.40	0.63	66.57	66.61	0.406
356	8.53	34.78	27.04	109.47	0.64	66.61	66.66	0.406
363	8.43	34.76	27.04	109.71	0.64	66.52	66.56	0.407
366	8.35	34.72	27.02	111.39	0.65	66.57	66.61	0.406
369	8.24	34.72	27.04	110.00	0.65	66.56	66.61	0.406
376	8.18	34.72	27.05	109.09	0.66	66.69	66.73	0.405
379	8.09	34.79	27.12	102.59	0.66	66.64	66.68	0.405
383	8.06	34.81	27.14	100.67	0.67	66.56	66.61	0.406
386	7.96	34.72	27.08	106.11	0.67	66.64	66.68	0.405
390	7.94	34.71	27.08	106.48	0.67	66.74	66.78	0.404
393	7.85	34.72	27.10	104.56	0.68	66.56	66.61	0.406
396	7.81	34.70	27.09	105.67	0.68	66.66	66.71	0.405
400	7.76	34.70	27.09	105.11	0.68	66.71	66.76	0.404
405	7.65	34.68	27.09	104.71	0.69	66.66	66.71	0.405
408	7.56	34.69	27.11	102.96	0.69	66.56	66.61	0.406
412	7.55	34.69	27.12	102.74	0.70	66.39	66.44	0.409
415	7.55	34.69	27.12	102.91	0.70	66.42	66.47	0.409

CONGO STA 27 14-05-78 0035 DN CAST

DEPTH	TEMP	SAL	SIG-T	SVA	DELD	% TR	POT TR	POT C
418	7.52	34.70	27.13	101.71	0.70	66.42	66.47	0.409
422	7.51	34.69	27.12	102.52	0.71	66.32	66.37	0.410
425	7.50	34.68	27.12	102.80	0.71	66.37	66.42	0.409
428	7.50	34.65	27.09	105.25	0.71	66.49	66.54	0.407
432	7.49	34.67	27.11	103.24	0.72	65.29	65.35	0.426
437	7.46	34.67	27.11	103.26	0.72	66.37	66.42	0.409
440	7.46	34.67	27.12	102.97	0.73	66.49	66.54	0.407
445	7.43	34.63	27.09	105.75	0.73	66.56	66.62	0.406
450	7.39	34.64	27.10	104.77	0.74	66.73	66.79	0.404
455	7.40	34.66	27.12	103.25	0.74	66.66	66.72	0.405
459	7.39	34.63	27.10	105.22	0.75	66.73	66.79	0.404
464	7.32	34.68	27.14	101.22	0.75	66.68	66.74	0.404
467	7.27	34.63	27.11	103.71	0.75	66.73	66.79	0.404
472	7.22	34.63	27.12	103.43	0.76	66.88	66.94	0.402
476	7.21	34.62	27.11	103.71	0.76	66.81	66.86	0.403
479	7.19	34.64	27.13	102.38	0.77	67.03	67.08	0.399
484	7.19	34.65	27.14	101.51	0.77	66.86	66.91	0.402
488	7.16	34.62	27.11	103.76	0.77	66.98	67.04	0.400
491	7.14	34.64	27.13	101.95	0.78	67.00	67.06	0.400
494	7.10	34.65	27.15	100.46	0.78	67.10	67.16	0.398
498	7.05	34.64	27.15	100.72	0.79	67.03	67.09	0.399
501	6.94	34.61	27.14	101.15	0.79	67.22	67.28	0.396
504	6.93	34.64	27.16	99.22	0.79	67.15	67.21	0.397
508	6.91	34.64	27.17	98.56	0.80	67.20	67.26	0.397
511	6.90	34.61	27.14	101.20	0.80	67.15	67.21	0.397
515	6.86	34.64	27.18	97.93	0.80	67.15	67.21	0.397
520	6.79	34.63	27.18	97.56	0.81	67.15	67.21	0.397
523	6.76	34.60	27.16	99.37	0.81	67.20	67.26	0.397
526	6.71	34.59	27.16	99.78	0.81	67.15	67.21	0.397
530	6.71	34.60	27.17	98.80	0.82	67.27	67.33	0.396
533	6.69	34.60	27.17	99.15	0.82	67.22	67.29	0.396
537	6.69	34.62	27.18	97.69	0.82	67.25	67.31	0.396
540	6.66	34.62	27.19	97.22	0.83	67.22	67.29	0.396
543	6.66	34.59	27.16	99.72	0.83	67.27	67.33	0.396
547	6.61	34.58	27.16	99.47	0.83	67.20	67.26	0.397
550	6.59	34.59	27.17	98.84	0.84	67.12	67.19	0.398
553	6.53	34.58	27.18	98.35	0.84	67.22	67.29	0.396
557	6.48	34.58	27.18	97.61	0.84	67.22	67.29	0.396
560	6.47	34.61	27.20	95.64	0.85	67.17	67.24	0.397
567	6.43	34.57	27.18	98.43	0.85	67.24	67.31	0.396
570	6.37	34.56	27.18	97.96	0.86	67.27	67.34	0.396
574	6.35	34.56	27.18	97.85	0.86	67.37	67.44	0.394
577	6.34	34.59	27.21	95.39	0.86	67.00	67.07	0.400
580	6.31	34.60	27.21	94.81	0.87	66.68	66.75	0.404
584	6.27	34.55	27.18	97.68	0.87	66.90	66.97	0.401
587	6.22	34.57	27.21	95.15	0.87	66.76	66.83	0.403
591	6.20	34.56	27.20	95.75	0.88	66.73	66.80	0.404
596	6.20	34.57	27.21	95.56	0.88	66.49	66.56	0.407
599	6.18	34.55	27.20	96.60	0.88	66.39	66.46	0.409
606	6.17	34.57	27.22	94.83	0.89	66.22	66.29	0.411
611	6.15	34.58	27.22	94.34	0.90	66.32	66.39	0.410
614	6.14	34.55	27.20	96.36	0.90	66.27	66.34	0.410
618	6.15	34.56	27.21	95.86	0.90	66.22	66.29	0.411
621	6.13	34.56	27.21	95.75	0.91	66.05	66.12	0.414
626	6.10	34.57	27.22	94.80	0.91	66.27	66.34	0.410
633	6.10	34.56	27.22	95.14	0.92	66.29	66.37	0.410
638	6.08	34.58	27.23	93.46	0.92	66.22	66.30	0.411

CONGO STA 27 14-05-78 0035 DN CAST

DEPTH	TEMP	SAL	SIG-T	SVA	DELD	% TR	POT TR	POT C
650	6.02	34.58	27.24	93.06	0.93	66.34	66.42	0.409
660	5.89	34.56	27.24	92.76	0.94	66.51	66.59	0.407
670	5.77	34.55	27.25	92.33	0.95	66.68	66.76	0.404
680	5.63	34.53	27.25	92.03	0.96	67.07	67.15	0.398
690	5.59	34.50	27.23	93.50	0.97	67.10	67.18	0.398
702	5.48	34.51	27.25	91.91	0.98	67.14	67.23	0.397
712	5.31	34.52	27.28	89.06	0.99	67.12	67.21	0.398
722	5.18	34.51	27.29	88.07	1.00	67.19	67.28	0.396
732	5.11	34.53	27.31	85.76	1.01	67.09	67.18	0.398
743	5.05	34.52	27.31	86.01	1.02	66.83	66.92	0.402
753	5.05	34.52	27.31	86.06	1.02	66.73	66.82	0.403
766	4.95	34.52	27.32	84.84	1.04	66.63	66.72	0.405
778	4.88	34.53	27.34	83.57	1.05	66.34	66.43	0.409
788	4.85	34.51	27.33	84.50	1.05	66.26	66.36	0.410
802	4.75	34.51	27.34	83.38	1.07	66.68	66.78	0.404
812	4.74	34.53	27.36	81.78	1.07	66.38	66.48	0.408
822	4.71	34.50	27.34	83.60	1.08	66.41	66.51	0.408
832	4.70	34.51	27.34	83.22	1.09	66.29	66.39	0.410
842	4.69	34.53	27.36	81.56	1.10	65.90	66.00	0.416
854	4.66	34.55	27.38	79.88	1.11	66.07	66.17	0.413
864	4.67	34.51	27.35	83.21	1.12	65.75	65.86	0.418
874	4.61	34.55	27.38	79.56	1.13	66.21	66.32	0.411
884	4.54	34.52	27.37	80.99	1.13	66.82	66.93	0.402
894	4.53	34.54	27.39	79.39	1.14	66.95	67.05	0.400
904	4.50	34.55	27.40	78.43	1.15	66.90	67.01	0.400
916	4.48	34.56	27.41	77.62	1.16	66.97	67.08	0.399
928	4.46	34.57	27.42	76.40	1.17	66.90	67.01	0.400
940	4.46	34.54	27.39	79.39	1.18	66.92	67.03	0.400
955	4.44	34.58	27.43	75.89	1.19	66.80	66.91	0.402
965	4.44	34.55	27.40	78.32	1.20	66.70	66.82	0.403
975	4.42	34.60	27.44	74.59	1.20	66.94	67.06	0.400
985	4.40	34.56	27.42	76.90	1.21	66.94	67.06	0.400
995	4.39	34.58	27.43	75.72	1.22	66.99	67.11	0.399
1006	4.38	34.59	27.44	75.33	1.23	66.87	66.99	0.401
1016	4.38	34.57	27.43	76.57	1.23	66.92	67.04	0.400
1026	4.40	34.57	27.42	76.87	1.24	66.77	66.90	0.402
1038	4.40	34.61	27.46	73.76	1.25	66.53	66.66	0.406
1049	4.40	34.59	27.44	75.50	1.26	66.19	66.32	0.411
1060	4.41	34.62	27.46	73.97	1.27	65.38	65.51	0.423
1070	4.39	34.61	27.46	73.92	1.27	65.53	65.66	0.421
1080	4.40	34.61	27.46	74.52	1.28	65.06	65.20	0.428
1090	4.38	34.64	27.48	72.02	1.29	65.48	65.61	0.422
1100	4.34	34.63	27.48	72.07	1.30	66.58	66.71	0.405
1110	4.35	34.67	27.51	69.80	1.30	66.36	66.49	0.408
1120	4.34	34.69	27.52	68.59	1.31	66.43	66.57	0.407
1130	4.34	34.65	27.50	71.03	1.32	66.04	66.18	0.413
1140	4.35	34.63	27.48	72.84	1.33	65.30	65.45	0.424
1152	4.34	34.70	27.54	67.66	1.33	64.57	64.72	0.435
1162	4.33	34.70	27.53	67.99	1.34	64.35	64.50	0.439
1172	4.30	34.75	27.58	63.84	1.35	64.38	64.53	0.438
1183	4.30	34.73	27.57	65.04	1.35	64.94	65.09	0.430
1193	4.30	34.74	27.57	64.77	1.36	64.47	64.63	0.437
1203	4.29	34.75	27.58	63.86	1.37	65.74	65.89	0.417
1215	4.28	34.75	27.58	63.96	1.37	66.26	66.41	0.410
1225	4.28	34.78	27.61	61.58	1.38	65.57	65.73	0.420
1235	4.27	34.78	27.61	61.61	1.39	65.35	65.51	0.423
1247	4.27	34.83	27.65	58.06	1.39	65.99	66.14	0.413

CONGO STA 27 14-05-78 0035 DN CAST

DEPTH	TEMP	SAL	SIG-T	SVA	DELD	% TR	POT TR	POT C
1258	4.27	34.81	27.62	60.23	1.40	65.89	66.05	0.415
1270	4.29	34.82	27.63	59.72	1.41	64.45	64.61	0.437
1280	4.29	34.84	27.65	57.73	1.41	64.81	64.98	0.431
1294	4.28	34.83	27.64	58.69	1.42	64.45	64.61	0.437
1304	4.29	34.87	27.67	56.40	1.43	64.74	64.91	0.432
1316	4.28	34.82	27.64	59.70	1.43	64.57	64.74	0.435
1326	4.26	34.85	27.66	57.19	1.44	65.18	65.35	0.426
1337	4.25	34.87	27.68	56.05	1.45	65.15	65.32	0.426
1349	4.23	34.86	27.67	56.76	1.45	64.47	64.64	0.436
1361	4.23	34.87	27.68	56.10	1.46	64.76	64.94	0.432
1371	4.23	34.85	27.66	57.75	1.47	64.79	64.96	0.431
1383	4.23	34.87	27.68	55.89	1.47	64.81	64.99	0.431
1393	4.24	34.85	27.66	57.67	1.48	65.30	65.48	0.424
1403	4.23	34.89	27.70	54.84	1.48	65.89	66.06	0.415
1413	4.23	34.86	27.67	57.26	1.49	65.37	65.55	0.422
1425	4.21	34.85	27.67	57.67	1.50	64.98	65.16	0.428
1437	4.19	34.87	27.68	56.45	1.50	64.52	64.70	0.435
1447	4.19	34.86	27.68	56.92	1.51	64.59	64.78	0.434
1457	4.17	34.91	27.72	53.18	1.51	64.10	64.29	0.442
1467	4.17	34.89	27.70	54.84	1.52	64.15	64.34	0.441
1479	4.15	34.90	27.71	53.56	1.53	63.56	63.76	0.450
1489	4.02	34.89	27.72	52.97	1.53	59.71	59.91	0.512
1499	3.99	34.92	27.75	50.31	1.54	59.12	59.33	0.522
1509	3.99	34.90	27.73	51.96	1.54	59.29	59.50	0.519
1519	3.93	34.92	27.75	50.06	1.55	60.10	60.31	0.506
1529	3.92	34.94	27.77	48.40	1.55	60.66	60.87	0.497
1539	3.92	34.93	27.76	48.84	1.56	61.37	61.57	0.485
1549	3.91	34.91	27.74	50.81	1.56	61.85	62.06	0.477
1559	3.90	34.93	27.76	49.20	1.57	62.29	62.50	0.470
1570	3.89	34.92	27.76	49.54	1.57	61.93	62.14	0.476

CRUISE ID: CONGO

Table 41

ENTER STATION #,DATE, AND TIME : STA 32 15-05-78 0500

OPEN OUTPUT FILE, THEN 'GO'*O O C32D;G

CONGO STA 32 15-05-78 0500 DN CAST

DEPTH	TEMP	SAL	SIG-T	SVA	DELD	% TR	POT TR	POT C
4	25.79	35.15	23.23	465.47	0.02	47.91	47.92	0.736
7	25.78	35.15	23.24	465.31	0.03	62.29	62.29	0.474
11	25.74	35.20	23.28	460.79	0.05	61.55	61.55	0.485
16	25.74	35.19	23.28	461.10	0.07	62.36	62.36	0.472
19	25.26	34.76	23.10	478.81	0.09	32.61	32.62	1.120
23	20.71	35.71	25.13	284.78	0.10	55.95	55.95	0.581
28	19.57	35.79	25.50	250.58	0.11	59.20	59.20	0.524
31	18.71	35.79	25.72	229.41	0.12	61.62	61.62	0.484
36	18.21	35.80	25.85	217.55	0.13	61.64	61.65	0.484
41	18.21	35.87	25.90	212.59	0.14	62.45	62.45	0.471
45	17.89	35.78	25.91	211.50	0.15	63.20	63.21	0.459
48	17.67	35.79	25.98	205.29	0.16	63.57	63.58	0.453
51	17.44	35.80	26.04	199.52	0.16	64.04	64.04	0.446
55	17.27	35.78	26.06	197.63	0.17	64.60	64.60	0.437
58	17.20	35.79	26.09	195.29	0.18	64.91	64.92	0.432
61	17.14	35.74	26.07	197.33	0.18	65.09	65.09	0.429
65	16.94	35.71	26.09	195.33	0.19	65.31	65.31	0.426
68	16.86	35.70	26.10	194.18	0.20	65.43	65.44	0.424
73	16.71	35.70	26.14	190.76	0.21	65.48	65.48	0.423
77	16.63	35.69	26.15	189.87	0.21	65.52	65.53	0.423
80	16.53	35.65	26.14	190.97	0.22	65.70	65.71	0.420
83	16.43	35.68	26.18	186.83	0.22	65.62	65.63	0.421
87	16.31	35.64	26.19	186.72	0.23	65.79	65.80	0.419
90	16.26	35.66	26.21	184.37	0.24	65.84	65.85	0.418
94	16.18	35.62	26.20	185.45	0.24	65.84	65.85	0.418
97	16.05	35.63	26.24	182.07	0.25	65.79	65.80	0.419
100	16.00	35.62	26.24	181.59	0.26	65.84	65.85	0.418
104	15.92	35.62	26.26	180.08	0.26	65.82	65.83	0.418
107	15.84	35.58	26.25	181.35	0.27	65.72	65.73	0.420
111	15.75	35.61	26.29	177.36	0.27	65.65	65.66	0.421
116	15.60	35.56	26.29	177.75	0.28	65.77	65.78	0.419
121	15.48	35.56	26.31	175.54	0.29	65.69	65.71	0.420
124	15.40	35.58	26.35	172.59	0.30	65.67	65.68	0.420
127	15.36	35.55	26.33	173.94	0.30	65.67	65.68	0.420
131	15.27	35.55	26.35	172.01	0.31	65.67	65.69	0.420
136	15.20	35.54	26.36	171.35	0.32	65.74	65.76	0.419
141	15.14	35.52	26.36	171.71	0.33	65.89	65.91	0.417
146	15.07	35.53	26.39	169.47	0.34	65.84	65.86	0.418
149	14.99	35.60	26.46	162.71	0.34	65.77	65.78	0.419
155	14.88	35.49	26.39	169.10	0.35	65.96	65.98	0.416
160	14.80	35.47	26.40	168.41	0.36	66.01	66.03	0.415
163	14.71	35.46	26.41	167.65	0.36	66.08	66.10	0.414
168	14.62	35.46	26.43	166.11	0.37	66.03	66.06	0.415
171	14.54	35.45	26.43	165.46	0.38	66.01	66.03	0.415
177	14.43	35.41	26.43	165.76	0.39	65.96	65.98	0.416
182	14.33	35.42	26.46	163.00	0.39	65.79	65.81	0.418
187	14.23	35.42	26.48	161.24	0.40	65.84	65.86	0.418
190	14.13	35.38	26.47	162.30	0.41	65.84	65.86	0.418
195	14.09	35.39	26.49	160.89	0.42	65.84	65.86	0.418
200	14.03	35.38	26.49	160.65	0.42	65.72	65.74	0.420
204	13.96	35.36	26.49	160.95	0.43	65.86	65.89	0.417

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DEPTH	TEMP	SAL	SIG-T	SVA	DELD	% TR	POT TR	POT C
209	13.89	35.38	26.52	158.17	0.44	65.77	65.79	0.419
214	13.77	35.36	26.53	157.55	0.45	65.67	65.69	0.420
217	13.67	35.34	26.54	156.92	0.45	65.64	65.67	0.421
221	13.61	35.33	26.54	156.76	0.46	65.59	65.62	0.421
224	13.48	35.33	26.57	153.64	0.46	65.52	65.55	0.423
231	13.34	35.29	26.57	154.41	0.47	65.59	65.62	0.421
234	13.26	35.29	26.59	152.37	0.48	65.47	65.50	0.423
239	13.19	35.29	26.59	151.75	0.49	65.50	65.52	0.423
243	13.07	35.25	26.59	151.86	0.49	65.57	65.60	0.422
246	13.02	35.24	26.59	152.18	0.50	65.64	65.67	0.421
249	12.94	35.28	26.64	147.70	0.50	65.62	65.65	0.421
254	12.83	35.25	26.64	148.01	0.51	65.59	65.62	0.421
258	12.80	35.16	26.58	153.96	0.51	65.71	65.75	0.419
263	12.56	35.23	26.68	144.40	0.52	65.67	65.70	0.420
268	12.34	35.16	26.67	145.39	0.53	65.67	65.70	0.420
273	12.15	35.14	26.69	143.06	0.54	65.69	65.72	0.420
280	11.81	35.11	26.73	139.39	0.54	65.91	65.94	0.416
283	11.67	35.12	26.77	136.07	0.55	65.91	65.94	0.416
288	11.36	35.06	26.78	134.97	0.56	66.06	66.09	0.414
292	11.07	35.04	26.81	131.37	0.56	65.91	65.94	0.416
295	11.01	35.04	26.82	130.44	0.56	66.01	66.04	0.415
300	10.85	35.03	26.84	128.71	0.57	66.13	66.16	0.413
305	10.67	34.99	26.85	128.39	0.58	66.25	66.29	0.411
310	10.59	35.01	26.87	125.93	0.58	66.13	66.17	0.413
315	10.28	34.96	26.89	123.99	0.59	66.05	66.09	0.414
320	10.09	34.95	26.92	121.62	0.60	66.15	66.19	0.413
324	9.88	34.92	26.93	120.30	0.60	66.05	66.09	0.414
329	9.65	34.91	26.96	117.67	0.61	66.27	66.31	0.411
332	9.50	34.84	26.93	120.22	0.61	66.25	66.29	0.411
339	9.32	34.85	26.97	116.56	0.62	66.10	66.14	0.413
344	9.19	34.84	26.99	115.18	0.62	66.32	66.36	0.410
349	9.04	34.84	27.01	112.82	0.63	66.22	66.27	0.412
352	8.92	34.80	26.99	114.23	0.63	66.35	66.39	0.410
356	8.88	34.83	27.03	111.19	0.64	66.42	66.46	0.409
359	8.78	34.80	27.02	112.15	0.64	66.39	66.44	0.409
363	8.73	34.76	26.99	114.66	0.65	66.49	66.54	0.408
366	8.61	34.76	27.01	112.46	0.65	66.52	66.56	0.407
369	8.54	34.77	27.03	110.72	0.65	66.42	66.46	0.409
373	8.40	34.77	27.05	108.73	0.66	66.47	66.51	0.408
378	8.33	34.73	27.03	110.48	0.66	66.47	66.51	0.408
383	8.22	34.73	27.05	109.15	0.67	66.61	66.66	0.406
386	8.20	34.72	27.05	109.47	0.67	66.59	66.64	0.406
390	8.10	34.77	27.10	104.18	0.68	66.69	66.73	0.405
395	8.06	34.78	27.11	103.06	0.68	66.61	66.66	0.406
398	8.03	34.70	27.06	108.42	0.68	66.64	66.69	0.405
403	7.98	34.73	27.09	105.75	0.69	66.64	66.69	0.405
406	7.95	34.74	27.09	105.04	0.69	66.54	66.59	0.407
410	7.90	34.72	27.09	105.60	0.70	66.74	66.78	0.404
413	7.81	34.69	27.08	106.54	0.70	66.64	66.69	0.405
420	7.70	34.69	27.09	105.07	0.71	66.76	66.81	0.403
423	7.60	34.72	27.13	101.65	0.71	66.73	66.79	0.404
427	7.55	34.69	27.12	102.89	0.71	66.83	66.88	0.402
434	7.49	34.69	27.13	102.22	0.72	66.78	66.84	0.403
439	7.39	34.67	27.12	102.49	0.73	66.91	66.96	0.401
442	7.38	34.64	27.10	104.45	0.73	66.81	66.86	0.403
447	7.33	34.67	27.14	101.32	0.73	66.88	66.93	0.402
450	7.31	34.62	27.09	105.18	0.74	66.91	66.96	0.401

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DEPTH	TEMP	SAL	SIG-T	SVA	DELD	% TR	POT TR	POT C
454	7.26	34.66	27.14	101.39	0.74	66.90	66.96	0.401
457	7.22	34.62	27.11	103.76	0.75	66.93	66.98	0.401
461	7.14	34.62	27.12	102.65	0.75	66.90	66.96	0.401
464	7.11	34.61	27.12	103.30	0.75	66.88	66.94	0.402
467	7.04	34.61	27.13	102.09	0.76	66.83	66.89	0.402
471	7.00	34.62	27.14	101.10	0.76	66.90	66.96	0.401
474	6.94	34.66	27.18	97.45	0.76	66.93	66.99	0.401
479	6.87	34.63	27.17	98.21	0.77	67.03	67.08	0.399
483	6.85	34.62	27.16	98.74	0.77	67.08	67.13	0.399
486	6.83	34.61	27.15	99.73	0.77	66.98	67.04	0.400
489	6.78	34.63	27.18	97.30	0.78	67.00	67.06	0.400
493	6.76	34.60	27.16	98.99	0.78	67.00	67.06	0.400
499	6.66	34.58	27.15	99.80	0.79	66.90	66.96	0.401
503	6.57	34.59	27.18	97.31	0.79	67.10	67.16	0.398
506	6.58	34.57	27.16	99.11	0.79	67.05	67.11	0.399
511	6.53	34.60	27.19	96.66	0.80	67.00	67.06	0.400
515	6.49	34.56	27.16	98.74	0.80	67.15	67.21	0.397
518	6.44	34.56	27.17	98.06	0.81	67.17	67.23	0.397
525	6.40	34.56	27.17	98.04	0.81	67.07	67.14	0.399
528	6.36	34.54	27.16	98.81	0.82	67.10	67.16	0.398
533	6.33	34.55	27.18	97.36	0.82	67.17	67.24	0.397
537	6.28	34.58	27.20	95.06	0.82	67.15	67.21	0.397
540	6.27	34.54	27.18	97.78	0.83	67.17	67.24	0.397
543	6.22	34.53	27.18	97.61	0.83	67.20	67.26	0.397
548	6.18	34.54	27.19	96.87	0.84	67.17	67.24	0.397
552	6.15	34.59	27.23	92.53	0.84	67.15	67.21	0.397
555	6.13	34.56	27.21	94.77	0.84	67.22	67.29	0.396
559	6.10	34.54	27.19	96.10	0.84	67.20	67.26	0.397
562	6.08	34.54	27.20	95.54	0.85	67.22	67.29	0.396
565	6.05	34.51	27.18	97.54	0.85	67.27	67.34	0.396
569	6.04	34.52	27.19	96.76	0.85	67.12	67.19	0.398
572	5.99	34.53	27.21	95.00	0.86	67.17	67.24	0.397
575	5.98	34.50	27.18	97.06	0.86	67.05	67.12	0.399
579	5.95	34.54	27.22	93.91	0.86	67.20	67.27	0.397
584	5.91	34.53	27.21	94.43	0.87	67.27	67.34	0.396
587	5.85	34.55	27.24	91.73	0.87	67.27	67.34	0.396
591	5.84	34.53	27.22	93.35	0.88	67.27	67.34	0.396
594	5.82	34.50	27.21	95.15	0.88	67.17	67.24	0.397
597	5.79	34.50	27.21	94.86	0.88	67.17	67.24	0.397
601	5.77	34.52	27.22	93.64	0.88	67.22	67.29	0.396
606	5.73	34.50	27.22	94.15	0.89	67.22	67.29	0.396
609	5.71	34.52	27.23	92.42	0.89	67.19	67.27	0.397
613	5.70	34.52	27.24	92.38	0.90	67.22	67.29	0.396
619	5.63	34.49	27.22	93.76	0.90	67.27	67.34	0.395
623	5.60	34.54	27.26	89.96	0.91	67.32	67.39	0.395
626	5.60	34.49	27.22	93.66	0.91	67.32	67.39	0.395
629	5.56	34.52	27.25	91.03	0.91	67.22	67.29	0.396
633	5.55	34.50	27.24	92.20	0.91	67.29	67.37	0.395
636	5.54	34.50	27.23	92.61	0.92	67.34	67.42	0.394
643	5.49	34.53	27.27	89.48	0.92	67.32	67.39	0.395
648	5.47	34.47	27.22	93.56	0.93	67.19	67.27	0.397
651	5.45	34.49	27.24	91.88	0.93	67.34	67.42	0.394
656	5.42	34.49	27.24	91.73	0.94	67.32	67.40	0.395
660	5.41	34.47	27.23	93.34	0.94	67.32	67.40	0.395
667	5.35	34.51	27.26	89.83	0.95	67.39	67.47	0.394
670	5.34	34.51	27.27	89.78	0.95	67.34	67.42	0.394
673	5.33	34.49	27.26	90.65	0.95	67.32	67.40	0.395

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DEPTH	TEMP	SAL	SIG-T	SVA	DELD	% TR	POT TR	POT C
685	5.28	34.48	27.25	91.43	0.96	67.32	67.40	0.395
695	5.20	34.52	27.29	87.42	0.97	67.29	67.37	0.395
705	5.15	34.47	27.26	90.04	0.98	67.29	67.38	0.395
716	5.07	34.47	27.27	89.69	0.99	67.12	67.21	0.398
726	5.03	34.50	27.30	86.57	1.00	67.22	67.30	0.396
737	4.96	34.50	27.31	86.03	1.01	67.31	67.40	0.395
748	4.92	34.53	27.34	83.34	1.02	67.24	67.33	0.396
758	4.87	34.48	27.30	86.52	1.03	67.14	67.23	0.397
768	4.80	34.47	27.30	86.71	1.03	67.29	67.38	0.395
778	4.76	34.47	27.31	86.05	1.04	67.31	67.41	0.395
788	4.72	34.49	27.33	84.09	1.05	67.26	67.36	0.395
798	4.68	34.49	27.33	83.86	1.06	67.26	67.36	0.395
810	4.66	34.51	27.35	82.18	1.07	67.19	67.29	0.396
820	4.60	34.47	27.32	84.60	1.08	67.34	67.44	0.394
830	4.58	34.50	27.35	82.49	1.09	67.22	67.32	0.396
842	4.56	34.48	27.34	83.69	1.10	67.29	67.39	0.395
854	4.55	34.49	27.34	82.92	1.11	67.26	67.37	0.395
864	4.52	34.52	27.37	80.72	1.11	67.19	67.29	0.396
874	4.48	34.50	27.36	81.71	1.12	67.21	67.32	0.396
884	4.46	34.54	27.39	78.74	1.13	67.29	67.39	0.395
894	4.41	34.54	27.40	77.64	1.14	67.26	67.37	0.395
906	4.42	34.52	27.38	79.86	1.15	67.16	67.27	0.396
916	4.40	34.51	27.38	80.23	1.16	67.14	67.25	0.397
926	4.38	34.54	27.40	77.70	1.16	67.24	67.35	0.395
936	4.37	34.55	27.41	76.83	1.17	67.26	67.38	0.395
947	4.35	34.57	27.43	75.54	1.18	67.26	67.38	0.395
957	4.32	34.57	27.44	75.01	1.19	67.24	67.35	0.395
967	4.31	34.60	27.45	73.37	1.19	67.24	67.35	0.395
977	4.31	34.60	27.45	73.43	1.20	67.29	67.40	0.395
989	4.30	34.58	27.44	74.75	1.21	67.29	67.41	0.395
999	4.28	34.60	27.46	73.02	1.22	67.19	67.31	0.396
1009	4.27	34.62	27.47	71.82	1.23	67.29	67.41	0.395
1019	4.27	34.60	27.46	73.04	1.23	67.26	67.38	0.395
1029	4.25	34.61	27.48	71.76	1.24	67.21	67.34	0.396
1041	4.25	34.62	27.48	71.54	1.25	67.21	67.34	0.396
1051	4.26	34.64	27.49	70.45	1.26	67.19	67.31	0.396
1066	4.23	34.67	27.52	68.02	1.27	67.11	67.24	0.397
1076	4.26	34.66	27.51	68.71	1.27	67.16	67.29	0.396
1090	4.28	34.69	27.53	67.51	1.28	67.04	67.17	0.398
1100	4.28	34.71	27.55	65.52	1.29	67.04	67.17	0.398
1113	4.28	34.72	27.56	64.91	1.30	66.94	67.08	0.399
1125	4.28	34.72	27.55	65.45	1.31	67.01	67.15	0.398
1139	4.28	34.71	27.55	66.10	1.31	67.04	67.18	0.398
1149	4.27	34.71	27.55	66.11	1.32	67.09	67.23	0.397
1159	4.27	34.76	27.58	62.94	1.33	66.99	67.13	0.399
1171	4.29	34.73	27.57	64.83	1.33	67.06	67.20	0.398
1181	4.28	34.75	27.58	63.62	1.34	67.11	67.25	0.397
1191	4.28	34.78	27.60	61.67	1.35	66.96	67.11	0.399
1201	4.26	34.76	27.59	62.75	1.35	67.01	67.16	0.398
1211	4.21	34.78	27.61	61.21	1.36	67.06	67.21	0.397
1221	4.20	34.78	27.61	60.79	1.37	67.01	67.16	0.398
1233	4.18	34.76	27.60	62.00	1.37	67.09	67.24	0.397
1245	4.17	34.80	27.63	59.24	1.38	67.06	67.21	0.397
1257	4.16	34.78	27.61	60.88	1.39	67.01	67.16	0.398
1267	4.15	34.81	27.65	58.03	1.39	67.06	67.21	0.397
1277	4.16	34.79	27.63	59.84	1.40	66.96	67.12	0.399
1289	4.15	34.83	27.66	57.03	1.41	67.09	67.24	0.397

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DEPTH	TEMP	SAL	SIG-T	SVA	DELD	% TR	POT TR	POT C
1299	4.14	34.79	27.62	60.25	1.41	67.04	67.19	0.398
1310	4.14	34.82	27.65	57.95	1.42	67.01	67.17	0.398
1321	4.13	34.81	27.64	58.71	1.42	67.01	67.17	0.398
1331	4.11	34.82	27.66	57.41	1.43	66.99	67.15	0.398
1341	4.09	34.84	27.67	56.09	1.44	66.99	67.15	0.398
1351	4.08	34.88	27.70	53.22	1.44	66.99	67.15	0.398
1361	4.09	34.85	27.68	55.79	1.45	67.06	67.22	0.397
1373	4.06	34.87	27.70	54.11	1.45	67.08	67.25	0.397
1383	4.05	34.87	27.70	53.69	1.46	67.01	67.18	0.398
1395	4.06	34.89	27.71	52.70	1.47	67.01	67.18	0.398
1405	4.04	34.89	27.72	52.13	1.47	66.99	67.16	0.398
1415	4.04	34.90	27.72	51.81	1.48	67.06	67.23	0.397
1425	4.02	34.90	27.72	51.73	1.48	67.01	67.18	0.398
1435	4.01	34.89	27.72	52.06	1.49	67.13	67.31	0.396
1445	4.01	34.92	27.74	50.10	1.49	67.08	67.26	0.397
1457	4.01	34.90	27.73	51.85	1.50	67.06	67.23	0.397
1467	3.99	34.94	27.76	48.89	1.50	66.81	66.99	0.401
1479	3.99	34.91	27.74	51.08	1.51	67.06	67.24	0.397
1489	3.96	34.92	27.75	50.09	1.51	67.11	67.29	0.396
1501	3.94	34.94	27.76	48.40	1.52	67.15	67.34	0.396
1512	3.93	34.94	27.76	48.50	1.52	67.13	67.31	0.396
1522	3.94	34.93	27.76	49.40	1.53	67.18	67.36	0.395
1533	3.92	34.94	27.77	48.10	1.53	66.96	67.14	0.398
1543	3.92	34.92	27.75	49.75	1.54	67.13	67.32	0.396
1554	3.92	34.93	27.76	49.08	1.55	67.08	67.27	0.397
1564	3.91	34.95	27.78	47.86	1.55	67.13	67.32	0.396
1575	3.88	34.92	27.76	49.29	1.56	67.08	67.27	0.397
1585	3.89	34.95	27.78	47.80	1.56	67.03	67.22	0.397
1595	3.87	34.96	27.79	46.90	1.56	67.10	67.30	0.396
1605	3.86	34.91	27.75	50.14	1.57	67.13	67.32	0.396
1617	3.83	34.93	27.77	48.81	1.58	67.10	67.30	0.396
1627	3.82	34.95	27.79	47.15	1.58	67.06	67.25	0.397
1638	3.80	34.96	27.79	46.34	1.59	67.10	67.30	0.396
1650	3.78	34.94	27.78	47.54	1.59	67.08	67.28	0.396
1660	3.77	34.93	27.77	48.32	1.60	66.93	67.13	0.399
1670	3.77	34.93	27.78	47.89	1.60	66.98	67.18	0.398
1682	3.75	34.95	27.79	46.71	1.61	67.10	67.31	0.396
1694	3.74	34.92	27.77	48.75	1.61	67.03	67.23	0.397
1706	3.73	34.94	27.79	47.21	1.62	67.10	67.31	0.396
1716	3.72	34.94	27.79	47.22	1.62	67.10	67.31	0.396
1726	3.70	34.93	27.78	47.86	1.63	67.03	67.24	0.397
1736	3.67	34.96	27.81	44.92	1.63	67.13	67.34	0.396
1748	3.65	34.93	27.79	46.87	1.64	67.10	67.31	0.396
1758	3.64	34.95	27.81	45.69	1.64	67.13	67.34	0.396
1768	3.65	34.96	27.81	45.34	1.65	67.00	67.22	0.397
1778	3.63	34.97	27.82	44.49	1.65	67.03	67.24	0.397
1788	3.64	34.96	27.81	45.35	1.66	67.00	67.22	0.397
1798	3.61	34.95	27.81	45.60	1.66	67.08	67.29	0.396
1808	3.61	34.95	27.81	45.65	1.67	67.03	67.25	0.397
1818	3.60	34.96	27.81	45.19	1.67	67.05	67.27	0.397
1828	3.58	34.94	27.80	46.33	1.67	67.10	67.32	0.396
1838	3.55	34.93	27.80	46.58	1.68	67.03	67.25	0.397
1850	3.52	34.97	27.83	43.74	1.68	66.93	67.15	0.398
1860	3.51	34.97	27.84	43.26	1.69	67.05	67.28	0.396
1870	3.50	34.94	27.81	45.26	1.69	66.93	67.16	0.398
1880	3.50	34.97	27.84	43.26	1.70	67.00	67.23	0.397
1892	3.48	34.94	27.81	45.68	1.70	66.98	67.21	0.398

CONGO STA 32 15-05-78 0500 DN CAST

DEPTH	TEMP	SAL	SIG-T	SVA	DELD	% TR	POT TR	POT C
1902	3.48	34.94	27.81	45.69	1.71	66.98	67.21	0.397
1912	3.46	34.97	27.84	42.80	1.71	67.00	67.23	0.397
1924	3.46	34.92	27.80	46.89	1.72	66.98	67.21	0.397
1934	3.44	34.97	27.84	43.21	1.72	67.00	67.24	0.397
1944	3.44	34.93	27.81	46.03	1.73	67.03	67.26	0.397
1958	3.41	34.95	27.83	44.50	1.73	67.00	67.24	0.397
1969	3.40	34.94	27.82	44.90	1.74	67.00	67.24	0.397
1979	3.40	34.95	27.83	44.13	1.74	67.03	67.26	0.397
1991	3.38	34.96	27.84	43.30	1.75	66.93	67.17	0.398
2001	3.37	34.93	27.82	45.29	1.75	66.95	67.19	0.398
2013	3.37	34.96	27.84	43.38	1.76	66.93	67.17	0.398
2023	3.37	34.94	27.83	44.59	1.76	66.95	67.20	0.398
2036	3.35	34.94	27.83	44.64	1.77	67.00	67.25	0.397
2048	3.34	34.95	27.83	44.30	1.77	66.93	67.17	0.398
2062	3.32	34.96	27.84	43.17	1.78	66.83	67.08	0.399
2072	3.31	34.97	27.85	42.25	1.78	66.93	67.18	0.398
2083	3.30	34.97	27.85	42.36	1.79	66.97	67.23	0.397
2093	3.28	34.98	27.87	41.04	1.79	66.97	67.23	0.397
2104	3.28	34.96	27.85	42.68	1.80	66.95	67.20	0.398
2114	3.27	34.94	27.83	44.24	1.80	66.90	67.16	0.398
2125	3.24	34.98	27.87	40.51	1.80	66.97	67.23	0.397
2135	3.23	34.92	27.82	44.95	1.81	66.92	67.18	0.398
2145	3.22	34.96	27.86	42.11	1.81	66.95	67.21	0.397
2157	3.20	34.98	27.87	40.89	1.82	66.92	67.19	0.398
2167	3.20	34.94	27.84	43.72	1.82	66.97	67.24	0.397
2179	3.18	34.97	27.87	41.30	1.83	66.92	67.19	0.398
2191	3.17	34.96	27.86	42.14	1.83	66.88	67.14	0.398
2201	3.17	34.95	27.85	42.55	1.84	66.95	67.21	0.397
2211	3.16	34.95	27.85	42.53	1.84	67.02	67.29	0.396
2221	3.16	34.95	27.85	42.94	1.85	66.97	67.24	0.397
2231	3.15	34.96	27.86	42.11	1.85	66.95	67.22	0.397
2241	3.13	34.96	27.86	42.02	1.85	66.90	67.17	0.398
2251	3.11	34.96	27.86	41.53	1.86	66.95	67.22	0.397
2263	3.11	34.95	27.86	42.01	1.86	66.92	67.20	0.398
2275	3.09	34.95	27.86	42.00	1.87	66.95	67.22	0.397
2286	3.08	34.95	27.86	42.07	1.87	66.92	67.20	0.398
2296	3.06	34.94	27.85	42.79	1.88	66.87	67.15	0.398
2308	3.06	34.94	27.85	42.82	1.88	67.02	67.30	0.396
2320	3.05	34.94	27.86	42.49	1.89	66.87	67.15	0.398
2332	3.04	34.96	27.87	40.90	1.89	66.90	67.18	0.398
2343	3.03	34.93	27.85	43.32	1.90	66.65	66.94	0.402
2353	3.02	34.97	27.88	40.09	1.90	66.97	67.26	0.397
2363	3.01	34.94	27.86	42.07	1.91	66.77	67.06	0.400
2377	3.00	34.96	27.87	40.99	1.91	66.95	67.23	0.397
2389	3.00	34.92	27.85	43.45	1.92	66.90	67.19	0.398
2400	2.99	34.94	27.86	41.88	1.92	66.95	67.24	0.397
2412	2.98	34.92	27.85	43.50	1.93	66.87	67.16	0.398
2425	2.97	34.92	27.85	43.19	1.93	66.92	67.21	0.397
2437	2.95	34.97	27.89	40.00	1.94	66.94	67.24	0.397
2449	2.94	34.95	27.88	40.82	1.94	66.92	67.22	0.397
2461	2.94	34.94	27.86	42.05	1.95	66.94	67.24	0.397
2471	2.92	34.94	27.86	42.00	1.95	66.90	67.19	0.398
2482	2.91	34.94	27.87	41.64	1.96	66.94	67.24	0.397
2496	2.90	34.96	27.88	40.11	1.96	66.89	67.20	0.398
2506	2.88	34.92	27.86	42.48	1.96	66.92	67.22	0.397
2516	2.88	34.94	27.87	41.26	1.97	66.87	67.18	0.398
2526	2.88	34.94	27.87	41.62	1.97	66.87	67.18	0.398

CONGO STA 32 15-05-78 0500 DN CAST

DEPTH	TEMP	SAL	SIG-T	SVA	DELD	% TR	POT TR	POT C
2538	2.86	34.93	27.87	41.62	1.98	66.87	67.18	0.398
2549	2.84	34.91	27.85	42.83	1.98	66.89	67.20	0.398
2561	2.83	34.95	27.88	40.50	1.99	66.84	67.16	0.398
2571	2.82	34.93	27.87	41.59	1.99	66.87	67.18	0.398
2581	2.82	34.91	27.85	43.24	2.00	66.89	67.21	0.398
2591	2.81	34.93	27.87	41.58	2.00	66.92	67.23	0.397
2601	2.80	34.93	27.87	41.15	2.00	66.84	67.16	0.398
2615	2.79	34.93	27.87	41.22	2.01	66.84	67.16	0.398
2625	2.79	34.95	27.88	40.46	2.01	66.89	67.21	0.397
2635	2.78	34.95	27.89	39.96	2.02	66.82	67.14	0.399
2645	2.78	34.92	27.86	42.38	2.02	66.87	67.19	0.398
2655	2.78	34.93	27.87	41.58	2.03	66.79	67.12	0.399
2666	2.76	34.94	27.88	40.75	2.03	66.87	67.19	0.398
2676	2.76	34.92	27.86	42.36	2.04	66.72	67.05	0.400
2688	2.76	34.92	27.86	42.44	2.04	66.75	67.07	0.400
2700	2.75	34.94	27.88	40.39	2.05	66.84	67.17	0.398
2710	2.75	34.92	27.87	42.01	2.05	66.72	67.05	0.400
2720	2.73	34.95	27.89	39.95	2.05	66.79	67.12	0.399
2732	2.74	34.92	27.87	42.00	2.06	66.72	67.05	0.400
2742	2.72	34.95	27.89	39.92	2.06	66.60	66.93	0.402
2752	2.73	34.94	27.88	40.76	2.07	66.52	66.86	0.403
2762	2.71	34.94	27.88	40.69	2.07	66.43	66.76	0.404
2773	2.71	34.94	27.89	40.32	2.08	66.60	66.94	0.402
2784	2.70	34.92	27.87	41.86	2.08	66.48	66.82	0.403
2794	2.70	34.93	27.88	41.09	2.08	66.45	66.79	0.404
2804	2.69	34.93	27.88	41.04	2.09	66.50	66.84	0.403
2814	2.68	34.91	27.86	42.57	2.09	66.55	66.89	0.402
2825	2.67	34.93	27.88	40.58	2.10	66.47	66.82	0.403
2835	2.67	34.94	27.89	40.16	2.10	66.52	66.87	0.403
2847	2.65	34.92	27.88	41.37	2.11	66.55	66.89	0.402
2857	2.65	34.92	27.88	41.32	2.11	66.52	66.87	0.403
2869	2.65	34.93	27.89	40.58	2.11	66.50	66.85	0.403
2879	2.65	34.93	27.88	40.95	2.12	66.60	66.95	0.401
2889	2.64	34.93	27.89	40.53	2.12	66.69	67.04	0.400
2899	2.64	34.92	27.88	41.32	2.13	66.64	67.00	0.401
2909	2.63	34.93	27.89	40.46	2.13	66.42	66.78	0.404
2919	2.62	34.92	27.88	41.62	2.14	66.30	66.66	0.406
2929	2.62	34.93	27.89	40.78	2.14	66.38	66.73	0.405
2941	2.62	34.91	27.87	42.05	2.14	66.25	66.61	0.406
2951	2.61	34.95	27.90	39.19	2.15	66.25	66.61	0.406
2961	2.61	34.94	27.89	40.33	2.15	66.33	66.69	0.405
2972	2.61	34.93	27.89	40.77	2.16	66.47	66.84	0.403
2982	2.61	34.93	27.88	41.18	2.16	66.62	66.98	0.401
2992	2.60	34.89	27.86	43.55	2.17	66.57	66.93	0.402
3004	2.58	34.92	27.88	41.15	2.17	66.57	66.94	0.402
3014	2.59	34.95	27.90	39.48	2.17	66.62	66.98	0.401
3024	2.59	34.91	27.87	42.27	2.18	66.64	67.01	0.400
3034	2.59	34.94	27.89	40.28	2.18	66.67	67.04	0.400
3044	2.57	34.94	27.90	40.16	2.19	66.64	67.01	0.400
3058	2.57	34.95	27.90	39.47	2.19	66.59	66.97	0.401
3069	2.57	34.93	27.89	41.10	2.20	66.52	66.89	0.402
3083	2.56	34.95	27.91	39.19	2.20	66.52	66.90	0.402
3093	2.56	34.94	27.90	39.95	2.21	66.54	66.92	0.402
3104	2.56	34.90	27.87	42.79	2.21	66.25	66.63	0.406
3114	2.55	34.91	27.88	41.93	2.22	66.08	66.46	0.409
3124	2.54	34.95	27.91	39.53	2.22	65.66	66.05	0.415
3134	2.53	34.93	27.90	40.22	2.22	66.15	66.54	0.408

CONGO STA 32 15-05-78 0500 DN CAST

DEPTH	TEMP	SAL	SIG-T	SVA	DELD	% TR	POT TR	POT C
3144	2.52	34.93	27.89	40.54	2.23	66.13	66.51	0.408
3156	2.52	34.94	27.90	39.79	2.23	66.25	66.64	0.406
3166	2.51	34.94	27.90	39.77	2.24	66.10	66.49	0.408
3176	2.51	34.90	27.87	42.52	2.24	66.05	66.45	0.409
3186	2.52	34.91	27.88	42.09	2.24	66.05	66.45	0.409
3198	2.52	34.93	27.90	40.60	2.25	66.27	66.67	0.406
3210	2.51	34.91	27.88	42.14	2.25	66.03	66.42	0.409
3221	2.51	34.94	27.90	40.20	2.26	66.27	66.67	0.406
3231	2.50	34.91	27.88	41.71	2.26	66.27	66.67	0.406
3245	2.49	34.90	27.87	42.98	2.27	66.18	66.57	0.407
3255	2.49	34.92	27.89	40.96	2.27	66.22	66.62	0.406
3265	2.48	34.90	27.87	42.46	2.28	66.30	66.70	0.405
3275	2.48	34.90	27.87	42.87	2.28	66.42	66.82	0.403
3288	2.48	34.92	27.89	40.97	2.29	66.42	66.82	0.403
3298	2.48	34.94	27.90	40.09	2.29	66.35	66.75	0.404
3308	2.46	34.91	27.89	41.59	2.29	66.42	66.82	0.403
3320	2.47	34.93	27.90	40.48	2.30	66.39	66.80	0.404
3330	2.47	34.90	27.87	42.84	2.30	66.44	66.85	0.403
3340	2.46	34.90	27.88	42.37	2.31	66.39	66.80	0.404
3350	2.46	34.94	27.91	39.58	2.31	66.27	66.68	0.405
3361	2.46	34.91	27.88	42.37	2.32	66.34	66.75	0.404
3371	2.46	34.90	27.88	42.75	2.32	66.27	66.68	0.405
3381	2.45	34.91	27.88	42.28	2.33	66.27	66.68	0.405
3391	2.45	34.94	27.90	40.27	2.33	66.20	66.61	0.406
3401	2.45	34.90	27.87	43.01	2.33	66.27	66.69	0.405
3411	2.44	34.94	27.91	40.19	2.34	66.15	66.57	0.407
3421	2.45	34.89	27.87	43.31	2.34	66.20	66.62	0.406
3431	2.44	34.94	27.91	40.07	2.35	66.17	66.59	0.407
3441	2.44	34.90	27.87	43.19	2.35	66.15	66.57	0.407
3451	2.44	34.89	27.87	43.58	2.35	66.15	66.57	0.407
3461	2.42	34.92	27.90	41.10	2.36	66.10	66.52	0.408
3471	2.43	34.89	27.87	43.46	2.36	65.93	66.36	0.410
3481	2.42	34.95	27.92	39.42	2.37	65.59	66.02	0.415
3491	2.42	34.94	27.91	39.73	2.37	65.29	65.73	0.420
3501	2.43	34.91	27.89	42.14	2.38	65.12	65.56	0.422
3511	2.43	34.91	27.88	42.52	2.38	65.15	65.59	0.422
3521	2.44	34.90	27.88	43.27	2.38	65.07	65.51	0.423
3531	2.43	34.88	27.86	44.42	2.39	65.34	65.78	0.419
3541	2.43	34.93	27.90	40.79	2.39	65.24	65.69	0.420

CRUISE ID: CONGO

Table 42

ENTER STATION #,DATE, AND TIME : STA 35 16-05-78 1615

OPEN OUTPUT FILE, THEN 'GO'*O O C35D;G

CONGO STA 35 16-05-78 1615 DN CAST

DEPTH	TEMP	SAL	SIG-T	SVA	DELD	% TR	POT TR	POT C
4	26.48	34.37	22.43	542.52	0.02-	0.04	0.04	7.812
7	26.47	34.43	22.48	537.91	0.04	55.00	55.00	0.598
12	26.47	34.42	22.47	538.22	0.07	60.04	60.04	0.510
17	22.27	35.63	24.64	331.94	0.08	49.48	49.48	0.704
21	20.48	35.59	25.10	287.87	0.09	50.01	50.01	0.693
26	18.90	35.72	25.61	239.40	0.11	55.19	55.19	0.594
29	17.63	35.66	25.88	213.58	0.11	59.64	59.64	0.517
33	17.24	35.60	25.93	209.20	0.12	61.81	61.82	0.481
38	16.91	35.65	26.05	197.72	0.13	62.91	62.92	0.463
43	16.62	35.70	26.16	187.89	0.14	63.96	63.97	0.447
46	16.47	35.72	26.21	182.92	0.15	64.25	64.26	0.442
50	16.42	35.68	26.19	184.92	0.15	64.38	64.38	0.440
55	16.30	35.67	26.21	183.26	0.16	64.62	64.63	0.437
58	16.12	35.68	26.26	179.09	0.17	64.89	64.90	0.432
61	16.08	35.66	26.26	179.34	0.17	64.86	64.87	0.433
65	15.98	35.65	26.27	178.17	0.18	65.11	65.12	0.429
68	15.81	35.59	26.26	178.71	0.19	65.16	65.17	0.428
72	15.76	35.64	26.32	173.84	0.19	65.23	65.24	0.427
75	15.65	35.60	26.31	174.92	0.20	65.40	65.41	0.425
78	15.57	35.63	26.35	170.77	0.20	65.43	65.44	0.424
82	15.56	35.60	26.33	173.05	0.21	65.60	65.61	0.422
85	15.54	35.61	26.34	171.85	0.22	65.60	65.61	0.422
90	15.50	35.57	26.32	174.20	0.22	65.69	65.71	0.420
94	15.44	35.56	26.32	174.09	0.23	65.65	65.66	0.421
97	15.38	35.55	26.33	173.28	0.24	65.72	65.73	0.420
100	15.31	35.54	26.34	172.53	0.24	65.74	65.76	0.419
105	15.19	35.52	26.35	171.65	0.25	65.77	65.78	0.419
109	15.15	35.52	26.36	171.16	0.26	65.89	65.90	0.417
112	15.09	35.58	26.41	165.76	0.26	65.89	65.90	0.417
116	15.03	35.65	26.48	159.16	0.27	65.96	65.98	0.416
119	15.00	35.65	26.49	158.47	0.27	65.89	65.90	0.417
122	14.94	35.50	26.39	168.22	0.28	65.89	65.90	0.417
126	14.83	35.52	26.43	165.08	0.28	65.96	65.98	0.416
129	14.79	35.47	26.40	167.76	0.29	65.91	65.93	0.417
134	14.70	35.48	26.43	165.24	0.30	65.91	65.93	0.417
141	14.62	35.47	26.44	164.49	0.31	65.94	65.95	0.416
144	14.54	35.47	26.45	162.90	0.31	66.04	66.05	0.415
149	14.49	35.47	26.46	161.96	0.32	65.91	65.93	0.417
153	14.46	35.47	26.47	161.36	0.33	65.99	66.00	0.416
156	14.45	35.46	26.47	161.80	0.33	66.04	66.05	0.415
160	14.44	35.43	26.44	164.21	0.34	65.99	66.01	0.416
163	14.36	35.46	26.48	160.77	0.34	66.06	66.08	0.414
168	14.33	35.42	26.46	162.86	0.35	66.01	66.03	0.415
173	14.26	35.42	26.47	161.86	0.36	65.99	66.01	0.416
177	14.17	35.41	26.49	160.73	0.37	66.06	66.08	0.414
180	14.14	35.40	26.48	161.11	0.37	66.01	66.03	0.415
183	14.09	35.40	26.49	160.18	0.38	66.06	66.08	0.414
187	14.03	35.41	26.51	158.23	0.38	66.03	66.06	0.415
190	13.93	35.37	26.51	159.10	0.39	66.01	66.03	0.415
193	13.90	35.40	26.54	155.97	0.39	66.06	66.08	0.414
197	13.87	35.34	26.50	160.00	0.40	66.01	66.03	0.415

CONGO STA 35 16-05-78 1615 DN CAST

DEPTH	TEMP	SAL	SIG-T	SVA	DELD	% TR	POT TR	POT C
200	13.74	35.36	26.54	156.02	0.40	66.06	66.08	0.414
204	13.67	35.33	26.53	157.13	0.41	66.01	66.03	0.415
207	13.58	35.31	26.53	157.24	0.41	66.01	66.03	0.415
210	13.44	35.33	26.58	152.51	0.42	66.06	66.08	0.414
215	13.33	35.29	26.57	153.82	0.43	65.96	65.99	0.416
219	13.27	35.30	26.59	151.81	0.43	65.98	66.01	0.415
222	13.20	35.29	26.59	151.44	0.44	65.94	65.96	0.416
227	13.04	35.26	26.61	150.41	0.45	66.03	66.06	0.415
231	12.86	35.25	26.64	147.55	0.45	66.01	66.04	0.415
234	12.74	35.22	26.64	147.52	0.46	65.96	65.99	0.416
237	12.66	35.21	26.64	146.77	0.46	66.06	66.09	0.414
241	12.60	35.20	26.64	146.93	0.47	66.03	66.06	0.415
244	12.48	35.23	26.69	142.44	0.47	66.06	66.09	0.414
248	12.42	35.16	26.65	146.02	0.48	66.01	66.04	0.415
251	12.28	35.21	26.72	139.82	0.48	65.96	65.99	0.416
254	12.23	35.16	26.69	142.72	0.48	66.03	66.06	0.415
258	12.16	35.17	26.70	141.43	0.49	66.11	66.14	0.414
261	12.08	35.15	26.71	141.29	0.49	66.08	66.11	0.414
264	12.01	35.15	26.72	139.99	0.50	66.06	66.09	0.414
268	11.92	35.13	26.72	139.76	0.50	66.08	66.11	0.414
271	11.88	35.16	26.75	136.88	0.51	66.13	66.16	0.413
275	11.83	35.14	26.74	137.87	0.51	66.18	66.21	0.412
278	11.82	35.11	26.72	139.95	0.52	66.18	66.21	0.412
283	11.75	35.13	26.75	137.20	0.52	66.13	66.16	0.413
286	11.66	35.14	26.78	134.61	0.53	66.25	66.29	0.411
290	11.60	35.14	26.79	133.50	0.53	66.13	66.16	0.413
293	11.46	35.12	26.80	132.92	0.54	66.27	66.31	0.411
297	11.40	35.09	26.79	133.90	0.54	66.23	66.26	0.412
300	11.34	35.10	26.81	131.82	0.55	66.15	66.19	0.413
303	11.27	35.07	26.80	133.27	0.55	66.20	66.24	0.412
308	11.09	35.07	26.83	129.97	0.56	66.20	66.24	0.412
312	11.04	35.06	26.83	130.18	0.56	66.23	66.26	0.412
315	10.92	35.04	26.84	129.16	0.57	66.01	66.04	0.415
319	10.76	35.02	26.86	127.86	0.57	66.23	66.26	0.412
322	10.68	35.04	26.88	125.28	0.58	66.20	66.24	0.412
325	10.51	35.00	26.88	125.12	0.58	66.35	66.39	0.410
330	10.37	34.97	26.89	124.96	0.59	66.32	66.36	0.410
335	10.29	34.95	26.88	125.18	0.59	66.40	66.44	0.409
339	10.11	34.93	26.90	123.84	0.60	66.44	66.49	0.408
344	9.99	34.92	26.91	122.99	0.60	66.49	66.53	0.408
347	9.87	34.92	26.93	120.47	0.61	66.52	66.56	0.407
351	9.79	34.88	26.91	122.51	0.61	66.47	66.51	0.408
354	9.66	34.92	26.97	117.47	0.62	66.49	66.54	0.408
357	9.59	34.90	26.97	117.48	0.62	66.44	66.49	0.408
363	9.44	34.87	26.97	117.45	0.63	66.49	66.54	0.408
368	9.32	34.85	26.97	117.58	0.63	66.49	66.54	0.408
371	9.29	34.87	26.99	115.04	0.64	66.47	66.51	0.408
376	9.16	34.84	26.98	115.84	0.64	66.37	66.42	0.409
379	9.06	34.81	26.98	116.08	0.64	66.49	66.54	0.408
385	8.94	34.78	26.97	117.00	0.65	66.52	66.56	0.407
388	8.86	34.81	27.01	112.98	0.65	66.54	66.59	0.407
391	8.79	34.82	27.03	111.68	0.66	66.54	66.59	0.407
396	8.66	34.80	27.03	111.22	0.66	66.47	66.51	0.408
400	8.53	34.76	27.03	111.81	0.67	66.59	66.64	0.406
406	8.41	34.77	27.05	109.40	0.68	66.52	66.56	0.407
410	8.33	34.75	27.05	109.47	0.68	66.56	66.61	0.406
413	8.26	34.74	27.05	109.44	0.68	66.49	66.54	0.407

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DEPTH	TEMP	SAL	SIG-T	SVA	DELD	% TR	POT TR	POT C
417	8.24	34.72	27.04	110.87	0.69	66.66	66.71	0.405
422	8.17	34.72	27.05	109.86	0.69	66.59	66.64	0.406
427	8.11	34.76	27.09	106.06	0.70	66.66	66.71	0.405
432	8.08	34.76	27.09	105.95	0.70	66.66	66.71	0.405
435	8.02	34.86	27.19	97.11	0.71	66.69	66.74	0.405
439	7.98	34.74	27.09	105.95	0.71	66.69	66.74	0.404
442	7.95	34.71	27.08	107.41	0.71	66.73	66.79	0.404
445	7.90	34.69	27.06	108.56	0.72	66.71	66.76	0.404
449	7.88	34.69	27.07	108.35	0.72	66.76	66.81	0.403
454	7.75	34.73	27.12	103.57	0.73	66.71	66.76	0.404
457	7.70	34.69	27.09	105.92	0.73	66.78	66.84	0.403
461	7.62	34.73	27.14	101.71	0.73	66.73	66.79	0.404
464	7.59	34.69	27.11	103.87	0.74	66.76	66.81	0.403
467	7.56	34.68	27.11	104.42	0.74	66.69	66.74	0.404
472	7.50	34.69	27.13	102.51	0.75	66.76	66.82	0.403
476	7.46	34.65	27.10	105.31	0.75	66.78	66.84	0.403
479	7.41	34.65	27.10	104.86	0.75	66.73	66.79	0.404
483	7.33	34.69	27.15	100.91	0.76	66.76	66.82	0.403
486	7.32	34.63	27.11	104.63	0.76	66.76	66.82	0.403
491	7.25	34.67	27.14	101.17	0.76	66.81	66.87	0.403
494	7.19	34.65	27.13	102.04	0.77	66.81	66.87	0.403
501	7.10	34.63	27.14	101.91	0.77	66.81	66.87	0.403
504	7.06	34.65	27.15	100.27	0.78	66.86	66.92	0.402
508	7.02	34.65	27.16	99.24	0.78	66.88	66.94	0.401
511	7.01	34.61	27.13	102.52	0.78	66.83	66.89	0.402
515	6.96	34.64	27.16	99.91	0.79	66.85	66.92	0.402
518	6.94	34.64	27.17	99.27	0.79	66.95	67.02	0.400
521	6.92	34.65	27.17	98.59	0.79	66.95	67.02	0.400
525	6.88	34.64	27.17	98.77	0.80	66.93	66.99	0.401
528	6.85	34.65	27.18	97.60	0.80	66.93	66.99	0.401
532	6.80	34.57	27.13	102.60	0.80	66.10	66.16	0.413
535	6.78	34.58	27.14	101.94	0.81	66.93	66.99	0.401
538	6.74	34.61	27.17	99.18	0.81	66.98	67.04	0.400
542	6.74	34.58	27.15	101.19	0.82	66.95	67.02	0.400
545	6.69	34.56	27.14	102.07	0.82	66.95	67.02	0.400
550	6.62	34.62	27.19	97.14	0.82	66.95	67.02	0.400
555	6.61	34.61	27.19	97.07	0.83	67.00	67.07	0.400
559	6.59	34.58	27.16	99.77	0.83	66.93	66.99	0.401
564	6.53	34.58	27.17	98.85	0.84	66.90	66.97	0.401
567	6.48	34.55	27.15	100.45	0.84	66.78	66.85	0.403
570	6.46	34.59	27.19	96.85	0.84	66.95	67.02	0.400
574	6.46	34.55	27.16	100.03	0.85	66.95	67.02	0.400
577	6.45	34.56	27.17	99.22	0.85	66.93	67.00	0.401
584	6.36	34.56	27.18	98.17	0.86	66.93	67.00	0.401
587	6.36	34.55	27.17	98.99	0.86	66.61	66.68	0.405
592	6.27	34.61	27.23	93.40	0.86	67.05	67.12	0.399
597	6.24	34.54	27.18	98.25	0.87	66.95	67.02	0.400
601	6.20	34.57	27.21	95.09	0.87	67.02	67.10	0.399
604	6.18	34.54	27.19	97.34	0.88	66.93	67.00	0.401
609	6.16	34.55	27.19	96.85	0.88	66.98	67.05	0.400
613	6.13	34.58	27.22	94.15	0.88	66.90	66.98	0.401
616	6.07	34.57	27.23	93.77	0.89	67.02	67.10	0.399
619	6.01	34.58	27.24	92.23	0.89	67.00	67.07	0.399
623	5.98	34.56	27.23	93.58	0.89	67.00	67.07	0.399
626	5.95	34.48	27.17	99.10	0.90	66.90	66.98	0.401
633	5.89	34.61	27.28	89.07	0.90	67.00	67.08	0.399
638	5.82	34.55	27.24	92.60	0.91	67.00	67.08	0.399

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DEPTH	TEMP	SAL	SIG-T	SVA	DELD	% TR	POT TR	POT C
648	5.79	34.51	27.21	95.02	0.92	67.00	67.08	0.399
658	5.71	34.55	27.26	90.83	0.93	67.02	67.10	0.399
668	5.61	34.52	27.24	92.40	0.94	66.95	67.03	0.400
680	5.47	34.54	27.28	88.74	0.95	67.05	67.13	0.399
694	5.34	34.53	27.28	88.53	0.96	67.02	67.11	0.399
705	5.26	34.49	27.26	90.53	0.97	66.97	67.06	0.400
716	5.17	34.50	27.28	88.75	0.98	66.97	67.06	0.400
726	5.13	34.50	27.28	88.50	0.99	67.05	67.13	0.399
736	5.06	34.48	27.28	89.03	1.00	67.00	67.09	0.399
748	5.02	34.50	27.30	86.71	1.01	67.07	67.16	0.398
758	4.95	34.47	27.29	88.04	1.02	67.02	67.11	0.399
768	4.86	34.53	27.34	83.26	1.02	67.07	67.16	0.398
778	4.80	34.53	27.35	82.39	1.03	67.07	67.16	0.398
788	4.77	34.48	27.31	85.75	1.04	67.02	67.12	0.399
800	4.71	34.52	27.35	82.14	1.05	67.07	67.17	0.398
812	4.66	34.53	27.36	81.06	1.06	67.07	67.17	0.398
825	4.62	34.48	27.33	84.16	1.07	67.04	67.14	0.398
835	4.59	34.47	27.33	84.39	1.08	67.00	67.10	0.399
845	4.58	34.50	27.35	82.76	1.09	67.02	67.12	0.399
859	4.56	34.53	27.37	80.41	1.10	67.09	67.20	0.398
869	4.51	34.52	27.37	80.50	1.11	67.09	67.20	0.398
879	4.47	34.51	27.37	80.62	1.12	66.99	67.10	0.399
889	4.43	34.55	27.40	77.55	1.12	67.12	67.22	0.397
899	4.40	34.55	27.41	76.96	1.13	67.09	67.20	0.398
911	4.37	34.53	27.39	78.56	1.14	67.04	67.15	0.398
921	4.35	34.58	27.43	74.82	1.15	66.99	67.11	0.399
931	4.33	34.58	27.44	74.71	1.16	67.04	67.16	0.398
943	4.32	34.59	27.45	73.93	1.16	67.07	67.18	0.398
953	4.31	34.57	27.43	75.16	1.17	67.07	67.18	0.398
963	4.29	34.59	27.45	73.43	1.18	67.02	67.13	0.399
977	4.28	34.59	27.46	73.22	1.19	67.07	67.18	0.398
989	4.27	34.61	27.47	71.65	1.20	67.04	67.16	0.398
1002	4.27	34.62	27.48	71.49	1.21	67.04	67.16	0.398
1012	4.26	34.62	27.48	71.06	1.21	67.02	67.14	0.399
1022	4.25	34.63	27.49	70.19	1.22	66.99	67.12	0.399
1034	4.22	34.61	27.48	71.75	1.23	67.04	67.17	0.398
1046	4.22	34.64	27.50	69.87	1.24	66.97	67.09	0.399
1056	4.23	34.66	27.51	68.77	1.25	67.09	67.22	0.397
1068	4.23	34.67	27.52	68.09	1.25	67.09	67.22	0.397
1078	4.22	34.67	27.52	68.13	1.26	67.09	67.22	0.397
1088	4.21	34.66	27.52	68.47	1.27	66.99	67.12	0.399
1098	4.21	34.65	27.51	69.40	1.27	67.06	67.20	0.398
1108	4.21	34.66	27.52	68.67	1.28	67.01	67.15	0.398
1119	4.21	34.71	27.56	65.04	1.29	67.04	67.17	0.398
1129	4.22	34.71	27.55	65.61	1.29	67.04	67.18	0.398
1139	4.22	34.71	27.55	65.64	1.30	67.01	67.15	0.398
1151	4.21	34.72	27.57	64.52	1.31	66.99	67.13	0.399
1162	4.21	34.74	27.58	63.40	1.32	67.06	67.20	0.398
1174	4.19	34.75	27.59	62.61	1.32	67.04	67.18	0.398
1184	4.20	34.75	27.59	62.75	1.33	67.09	67.23	0.397
1196	4.19	34.77	27.61	61.19	1.34	66.96	67.11	0.399
1206	4.17	34.79	27.62	59.43	1.34	66.96	67.11	0.399
1216	4.16	34.77	27.61	60.68	1.35	66.96	67.11	0.399
1226	4.15	34.76	27.60	61.45	1.36	67.06	67.21	0.397
1236	4.15	34.78	27.62	60.25	1.36	66.96	67.11	0.399
1248	4.13	34.79	27.63	59.46	1.37	67.01	67.16	0.398
1260	4.11	34.81	27.65	57.82	1.38	66.99	67.14	0.398

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DEPTH	TEMP	SAL	SIG-T	SVA	DELD	% TR	POT TR	POT C
1270	4.09	34.84	27.67	55.30	1.38	67.01	67.17	0.398
1280	4.11	34.82	27.65	57.51	1.39	67.01	67.17	0.398
1292	4.10	34.82	27.65	57.61	1.39	67.04	67.19	0.398
1302	4.10	34.82	27.65	57.65	1.40	67.01	67.17	0.398
1312	4.06	34.83	27.67	56.22	1.40	67.06	67.22	0.397
1322	4.07	34.86	27.69	53.91	1.41	67.06	67.22	0.397
1332	4.04	34.86	27.69	54.13	1.42	67.01	67.17	0.398
1342	4.03	34.85	27.68	54.97	1.42	66.96	67.13	0.399
1354	4.01	34.87	27.70	53.29	1.43	67.04	67.20	0.398
1364	4.00	34.88	27.71	52.38	1.43	67.03	67.20	0.398
1374	4.01	34.86	27.69	54.18	1.44	67.01	67.18	0.398
1386	3.99	34.90	27.73	50.53	1.44	67.03	67.20	0.398
1396	3.99	34.89	27.72	51.74	1.45	66.96	67.13	0.399
1406	3.97	34.88	27.72	52.13	1.45	66.99	67.16	0.398
1418	3.97	34.90	27.73	50.97	1.46	67.03	67.21	0.398
1428	3.96	34.89	27.72	51.79	1.47	67.03	67.21	0.398
1440	3.95	34.89	27.73	51.43	1.47	66.98	67.16	0.398
1450	3.94	34.90	27.73	51.01	1.48	67.01	67.19	0.398
1460	3.95	34.93	27.76	48.72	1.48	66.91	67.09	0.399
1472	3.92	34.92	27.75	49.01	1.49	66.98	67.16	0.398
1484	3.91	34.90	27.74	50.30	1.49	67.01	67.19	0.398
1497	3.92	34.94	27.77	47.73	1.50	67.03	67.21	0.397
1509	3.92	34.94	27.77	48.24	1.51	66.96	67.14	0.398
1521	3.90	34.96	27.79	46.24	1.51	66.98	67.17	0.398
1533	3.92	34.96	27.78	46.86	1.52	67.01	67.19	0.398
1543	3.90	34.95	27.78	47.22	1.52	66.93	67.12	0.399
1553	3.89	34.95	27.78	47.55	1.53	66.96	67.15	0.398
1564	3.87	34.93	27.76	48.73	1.53	66.91	67.10	0.399
1575	3.86	34.96	27.79	46.34	1.54	66.98	67.17	0.398
1585	3.86	34.96	27.79	46.78	1.54	67.01	67.20	0.398
1595	3.85	34.93	27.77	48.79	1.55	66.98	67.18	0.398
1605	3.84	34.97	27.80	45.97	1.55	66.91	67.10	0.399
1617	3.83	34.96	27.79	46.34	1.56	66.98	67.18	0.398
1627	3.81	34.94	27.78	47.89	1.56	66.98	67.18	0.398
1637	3.78	34.95	27.79	46.96	1.57	67.08	67.28	0.396
1647	3.80	34.94	27.78	47.49	1.57	67.01	67.21	0.398
1657	3.79	34.98	27.81	44.66	1.58	66.98	67.18	0.398
1667	3.77	34.97	27.81	45.00	1.58	66.96	67.16	0.398
1677	3.76	34.97	27.81	45.34	1.58	66.91	67.11	0.399
1687	3.75	34.98	27.82	44.45	1.59	66.98	67.19	0.398
1699	3.73	34.92	27.77	48.52	1.59	66.93	67.14	0.399
1709	3.71	34.98	27.82	44.35	1.60	66.93	67.14	0.399
1719	3.71	34.92	27.78	48.45	1.60	66.88	67.09	0.399
1731	3.68	34.97	27.82	44.37	1.61	66.98	67.19	0.398
1741	3.68	34.96	27.81	45.57	1.61	66.93	67.14	0.398
1753	3.66	34.95	27.80	45.99	1.62	66.91	67.12	0.399
1763	3.65	34.98	27.83	43.93	1.62	66.91	67.12	0.399
1775	3.64	34.98	27.83	43.97	1.63	66.96	67.17	0.398
1786	3.62	34.96	27.81	45.19	1.63	66.95	67.17	0.398
1798	3.61	34.97	27.82	44.38	1.64	66.98	67.20	0.398
1808	3.60	34.97	27.83	43.99	1.64	66.95	67.17	0.398
1822	3.59	34.95	27.81	45.66	1.65	66.93	67.15	0.398
1832	3.58	34.94	27.80	46.43	1.65	66.93	67.15	0.398
1842	3.55	34.96	27.82	44.30	1.66	66.93	67.15	0.398
1853	3.55	34.95	27.82	45.23	1.66	66.83	67.06	0.400
1864	3.54	34.98	27.84	43.15	1.67	66.90	67.13	0.399
1874	3.53	34.98	27.84	43.14	1.67	66.90	67.13	0.399

CONGO STA 35 16-05-78 1615 DN CAST

DEPTH	TEMP	SAL	SIG-T	SVA	DELD	% TR	POT TR	POT C
1884	3.52	34.94	27.81	45.92	1.68	66.86	67.08	0.399
1895	3.50	34.99	27.85	42.30	1.68	66.88	67.11	0.399
1906	3.49	34.92	27.80	47.11	1.69	66.78	67.01	0.400
1916	3.48	34.96	27.83	43.86	1.69	66.90	67.14	0.399
1926	3.46	34.94	27.82	45.41	1.70	66.81	67.04	0.400
1937	3.46	34.98	27.85	42.61	1.70	66.83	67.07	0.400
1948	3.45	34.96	27.83	43.83	1.71	66.93	67.16	0.398
1963	3.43	34.95	27.82	44.75	1.71	66.90	67.14	0.398
1973	3.41	34.99	27.86	41.45	1.72	66.81	67.05	0.400
1986	3.41	34.97	27.85	42.77	1.72	66.83	67.07	0.400
1996	3.39	34.98	27.86	41.91	1.73	66.80	67.05	0.400
2006	3.37	34.96	27.84	43.07	1.73	66.85	67.10	0.399
2016	3.37	34.96	27.84	43.52	1.74	66.78	67.03	0.400
2026	3.36	34.95	27.83	43.86	1.74	66.83	67.08	0.399
2036	3.34	34.97	27.85	42.57	1.74	66.78	67.03	0.400
2047	3.34	34.96	27.85	43.01	1.75	66.80	67.05	0.400
2057	3.34	34.96	27.84	43.43	1.75	66.80	67.05	0.400
2067	3.33	34.95	27.83	44.20	1.76	66.73	66.98	0.401
2078	3.32	34.95	27.84	43.87	1.76	66.83	67.08	0.399
2088	3.32	34.97	27.85	42.65	1.77	66.88	67.13	0.399
2102	3.29	34.96	27.85	43.02	1.77	66.78	67.03	0.400
2112	3.27	34.95	27.84	43.42	1.78	66.78	67.04	0.400
2124	3.26	34.94	27.83	44.26	1.78	66.78	67.04	0.400
2134	3.25	34.98	27.87	41.41	1.79	66.80	67.06	0.400
2145	3.25	34.97	27.86	42.24	1.79	66.80	67.06	0.400
2157	3.24	34.95	27.84	43.52	1.80	66.85	67.11	0.399
2171	3.23	34.97	27.86	42.02	1.80	66.80	67.07	0.400
2182	3.22	34.97	27.86	41.66	1.81	66.75	67.02	0.400
2194	3.20	34.97	27.86	41.63	1.81	66.83	67.09	0.399
2204	3.19	34.96	27.86	42.39	1.82	66.80	67.07	0.400
2218	3.19	34.92	27.82	45.38	1.82	66.85	67.12	0.399
2229	3.17	34.95	27.85	42.53	1.83	66.78	67.05	0.400
2241	3.16	34.97	27.87	41.38	1.83	66.75	67.02	0.400
2253	3.15	34.93	27.84	44.18	1.84	66.80	67.07	0.399
2265	3.13	34.99	27.89	39.36	1.84	66.85	67.12	0.399
2275	3.13	34.94	27.85	42.98	1.85	66.78	67.05	0.400
2286	3.12	34.95	27.86	42.62	1.85	66.78	67.05	0.400
2296	3.10	34.96	27.87	41.35	1.86	66.85	67.13	0.399
2306	3.09	34.97	27.87	40.88	1.86	66.80	67.08	0.399
2316	3.08	34.94	27.85	42.84	1.86	66.75	67.03	0.400
2327	3.07	34.95	27.86	42.43	1.87	66.78	67.06	0.400
2337	3.06	34.97	27.88	40.79	1.87	66.78	67.06	0.400
2347	3.05	34.98	27.89	39.92	1.88	66.73	67.01	0.400
2357	3.03	34.94	27.85	42.68	1.88	66.73	67.01	0.400
2368	3.04	34.93	27.85	43.62	1.89	66.77	67.06	0.400
2378	3.03	34.95	27.86	41.96	1.89	66.70	66.99	0.401
2389	3.03	34.94	27.86	42.36	1.89	66.75	67.04	0.400
2400	3.01	34.98	27.89	39.95	1.90	66.68	66.97	0.401
2410	3.00	34.96	27.88	40.71	1.90	66.73	67.02	0.400
2420	2.99	34.94	27.86	42.69	1.91	66.80	67.09	0.399
2432	2.97	34.94	27.86	42.27	1.91	66.72	67.02	0.400
2442	2.97	34.95	27.87	41.44	1.92	66.70	67.00	0.401
2452	2.97	34.96	27.88	40.64	1.92	66.77	67.07	0.400
2462	2.96	34.93	27.85	43.02	1.92	66.72	67.02	0.400
2472	2.94	34.95	27.87	41.35	1.93	66.72	67.03	0.400
2482	2.93	34.98	27.90	38.90	1.93	66.72	67.03	0.400
2492	2.92	34.96	27.88	40.42	1.94	66.75	67.05	0.400

CONGO STA 35 16-05-78 1615 DN CAST

DEPTH	TEMP	SAL	SIG-T	SVA	DELD	% TR	POT TR	POT C
2502	2.92	34.94	27.86	42.09	1.94	66.67	66.98	0.401
2514	2.90	34.98	27.90	38.84	1.95	66.75	67.05	0.400
2524	2.90	34.98	27.90	38.82	1.95	66.70	67.01	0.401
2534	2.90	34.95	27.87	41.24	1.95	66.65	66.96	0.401
2544	2.90	34.94	27.87	41.64	1.96	66.77	67.08	0.399
2558	2.89	34.96	27.89	40.13	1.96	66.70	67.01	0.400
2569	2.87	34.94	27.87	41.71	1.97	66.70	67.01	0.400
2581	2.87	34.95	27.88	40.58	1.97	66.72	67.04	0.400
2593	2.85	34.93	27.87	42.19	1.98	66.67	66.99	0.401
2603	2.85	34.93	27.87	42.17	1.98	66.65	66.97	0.401
2615	2.85	34.96	27.89	40.22	1.99	66.55	66.87	0.403
2625	2.84	34.91	27.85	43.41	1.99	66.62	66.94	0.401
2635	2.83	34.95	27.88	40.56	1.99	66.58	66.90	0.402
2645	2.82	34.96	27.89	40.10	2.00	66.55	66.87	0.402
2655	2.82	34.92	27.86	42.90	2.00	66.60	66.92	0.402
2666	2.82	34.95	27.89	40.53	2.01	66.60	66.92	0.402
2676	2.81	34.94	27.87	41.71	2.01	66.55	66.88	0.402
2686	2.80	34.96	27.89	40.08	2.02	66.57	66.90	0.402
2698	2.80	34.95	27.89	40.51	2.02	66.55	66.88	0.402
2708	2.80	34.94	27.87	41.68	2.03	66.48	66.81	0.403
2720	2.80	34.93	27.87	42.18	2.03	66.43	66.76	0.404
2730	2.78	34.96	27.90	39.69	2.03	66.48	66.81	0.403
2740	2.78	34.96	27.89	40.04	2.04	66.48	66.81	0.403
2750	2.77	34.96	27.90	39.61	2.04	66.52	66.86	0.403
2760	2.77	34.94	27.88	41.59	2.05	66.50	66.84	0.403
2770	2.76	34.94	27.88	41.15	2.05	66.40	66.74	0.404
2780	2.76	34.94	27.88	41.58	2.05	66.50	66.84	0.403
2792	2.75	34.95	27.89	40.79	2.06	66.52	66.86	0.403
2802	2.74	34.95	27.89	40.28	2.06	66.45	66.79	0.404
2814	2.74	34.93	27.87	41.99	2.07	66.50	66.84	0.403
2824	2.75	34.95	27.89	40.38	2.07	66.45	66.80	0.404
2834	2.74	34.95	27.89	40.34	2.08	66.45	66.80	0.404
2844	2.73	34.94	27.89	41.06	2.08	66.45	66.80	0.404
2855	2.73	34.96	27.90	39.91	2.09	66.45	66.80	0.404
2865	2.72	34.96	27.90	39.86	2.09	66.45	66.80	0.404
2875	2.72	34.95	27.90	40.27	2.09	66.45	66.80	0.404
2885	2.71	34.96	27.90	39.82	2.10	66.50	66.85	0.403
2897	2.70	34.97	27.91	39.01	2.10	66.40	66.75	0.404
2909	2.69	34.92	27.87	42.65	2.11	66.45	66.80	0.404
2921	2.70	34.92	27.87	42.38	2.11	66.50	66.85	0.403
2931	2.69	34.94	27.89	41.10	2.12	66.42	66.78	0.404
2941	2.69	34.96	27.90	39.86	2.12	66.45	66.81	0.403
2951	2.67	34.94	27.89	40.95	2.12	66.30	66.66	0.406
2961	2.69	34.89	27.85	45.00	2.13	66.42	66.79	0.404
2972	2.67	34.95	27.90	40.20	2.13	66.47	66.84	0.403
2984	2.66	34.92	27.88	42.17	2.14	66.42	66.79	0.404
2994	2.67	34.92	27.88	42.18	2.14	66.42	66.79	0.404
3004	2.65	34.90	27.86	43.74	2.15	66.47	66.84	0.403
3016	2.64	34.96	27.90	39.75	2.15	66.50	66.86	0.403
3028	2.64	34.95	27.90	40.17	2.16	66.50	66.87	0.403
3038	2.63	34.96	27.91	39.75	2.16	66.47	66.84	0.403
3049	2.63	34.92	27.87	42.57	2.17	66.47	66.84	0.403
3059	2.63	34.92	27.87	42.56	2.17	66.50	66.87	0.403
3071	2.63	34.92	27.88	42.21	2.17	66.54	66.92	0.402
3081	2.62	34.95	27.90	40.56	2.18	66.50	66.87	0.403
3093	2.61	34.92	27.88	42.14	2.18	66.45	66.82	0.403
3104	2.62	34.95	27.90	40.58	2.19	66.49	66.87	0.402

CONGO STA 35 16-05-78 1615 DN CAST

DEPTH	TEMP	SAL	SIG-T	SVA	DELD	% TR	POT TR	POT C
3116	2.61	34.95	27.90	40.16	2.19	66.47	66.85	0.403
3128	2.60	34.92	27.88	42.61	2.20	66.49	66.88	0.402
3138	2.59	34.92	27.88	42.15	2.20	66.45	66.83	0.403
3148	2.60	34.88	27.85	45.31	2.21	66.40	66.78	0.404
3159	2.58	34.94	27.90	40.56	2.21	66.47	66.85	0.403
3171	2.59	34.89	27.86	44.14	2.22	66.47	66.86	0.403
3181	2.58	34.89	27.86	44.18	2.22	66.44	66.83	0.403
3191	2.58	34.94	27.90	40.52	2.22	66.44	66.83	0.403
3201	2.57	34.95	27.90	40.44	2.23	66.44	66.83	0.403
3211	2.57	34.96	27.91	39.61	2.23	66.44	66.84	0.403
3223	2.56	34.95	27.91	40.01	2.24	66.37	66.76	0.404
3233	2.56	34.95	27.90	40.35	2.24	66.40	66.79	0.404
3243	2.56	34.95	27.91	39.96	2.25	66.47	66.86	0.403
3253	2.56	34.92	27.88	42.74	2.25	66.39	66.79	0.404
3263	2.56	34.92	27.88	42.70	2.25	66.32	66.72	0.405
3273	2.55	34.94	27.90	40.62	2.26	66.37	66.77	0.404
3285	2.55	34.95	27.91	40.26	2.26	66.42	66.82	0.403
3295	2.55	34.93	27.89	41.41	2.27	66.39	66.80	0.404
3305	2.54	34.93	27.90	41.35	2.27	66.37	66.77	0.404
3316	2.55	34.94	27.90	41.02	2.28	66.37	66.77	0.404
3326	2.55	34.90	27.87	43.79	2.28	66.35	66.75	0.404
3336	2.53	34.95	27.91	40.54	2.28	66.34	66.75	0.404
3350	2.53	34.95	27.91	40.56	2.29	66.42	66.83	0.403
3360	2.53	34.92	27.88	42.52	2.29	66.34	66.75	0.404
3370	2.53	34.90	27.87	43.70	2.30	66.37	66.78	0.404
3381	2.52	34.92	27.88	42.52	2.30	66.32	66.73	0.405
3391	2.52	34.91	27.88	42.87	2.31	66.34	66.76	0.404
3403	2.52	34.93	27.89	41.69	2.31	66.37	66.78	0.404
3413	2.52	34.93	27.89	42.05	2.32	66.32	66.74	0.405
3423	2.50	34.95	27.91	39.97	2.32	66.27	66.69	0.405
3435	2.51	34.91	27.88	43.17	2.33	66.37	66.79	0.404
3445	2.50	34.94	27.91	40.78	2.33	66.32	66.74	0.404
3458	2.50	34.91	27.88	42.77	2.34	66.34	66.76	0.404
3470	2.50	34.95	27.92	40.09	2.34	66.27	66.69	0.405
3481	2.50	34.92	27.89	42.43	2.35	66.29	66.72	0.405
3493	2.48	34.91	27.88	42.82	2.35	66.32	66.74	0.404
3505	2.49	34.92	27.88	42.86	2.36	66.24	66.67	0.405
3515	2.49	34.90	27.87	44.02	2.36	66.29	66.72	0.405
3526	2.47	34.91	27.88	42.79	2.36	66.32	66.75	0.404
3538	2.48	34.92	27.89	42.82	2.37	66.29	66.72	0.405
3551	2.47	34.92	27.89	42.44	2.38	66.29	66.73	0.405
3561	2.46	34.94	27.90	41.21	2.38	66.20	66.63	0.406
3573	2.47	34.91	27.88	43.24	2.38	66.32	66.75	0.404
3585	2.46	34.89	27.87	44.48	2.39	66.29	66.73	0.405
3596	2.46	34.94	27.90	41.35	2.39	66.27	66.71	0.405
3606	2.46	34.89	27.87	44.79	2.40	66.29	66.73	0.405
3616	2.45	34.93	27.90	41.99	2.40	66.24	66.68	0.405
3626	2.45	34.91	27.88	43.48	2.41	66.27	66.71	0.405
3636	2.44	34.94	27.91	40.66	2.41	66.24	66.69	0.405
3648	2.44	34.93	27.90	41.81	2.42	66.22	66.66	0.406
3660	2.44	34.90	27.87	44.24	2.42	66.19	66.64	0.406
3671	2.44	34.93	27.90	41.50	2.43	66.27	66.71	0.405
3683	2.43	34.92	27.89	42.63	2.43	66.27	66.72	0.405
3695	2.43	34.90	27.87	44.28	2.44	66.24	66.69	0.405
3705	2.42	34.90	27.88	43.77	2.44	66.22	66.67	0.406
3715	2.42	34.92	27.89	42.53	2.45	66.22	66.67	0.406
3726	2.41	34.93	27.91	41.32	2.45	66.27	66.72	0.405

CONGO STA 35 16-05-78 1615 DN CAST

DEPTH	TEMP	SAL	SIG-T	SVA	DELD	% TR	POT TR	POT C
3736	2.42	34.92	27.90	42.48	2.45	66.22	66.67	0.405
3746	2.41	34.89	27.87	44.42	2.46	66.22	66.67	0.405
3756	2.40	34.93	27.90	41.61	2.46	66.27	66.72	0.405
3766	2.40	34.88	27.87	45.05	2.47	66.17	66.63	0.406
3780	2.40	34.89	27.87	44.36	2.47	66.27	66.73	0.405
3790	2.39	34.90	27.88	43.88	2.48	66.17	66.63	0.406
3803	2.39	34.90	27.88	43.57	2.48	66.19	66.66	0.406
3813	2.39	34.89	27.88	44.29	2.49	66.14	66.61	0.406
3826	2.39	34.92	27.90	42.38	2.49	66.22	66.68	0.405
3838	2.38	34.90	27.89	43.50	2.50	66.22	66.68	0.405
3848	2.37	34.93	27.90	41.86	2.50	66.19	66.66	0.406
3858	2.37	34.90	27.89	43.39	2.51	66.24	66.71	0.405
3869	2.38	34.90	27.88	44.23	2.51	66.19	66.66	0.406
3879	2.37	34.93	27.91	41.35	2.52	66.19	66.66	0.406
3893	2.37	34.93	27.91	41.83	2.52	66.19	66.67	0.406
3903	2.36	34.92	27.90	42.51	2.53	66.14	66.62	0.406
3916	2.36	34.89	27.88	44.16	2.53	66.17	66.64	0.406
3926	2.37	34.91	27.89	43.00	2.54	66.14	66.62	0.406
3939	2.36	34.91	27.89	43.00	2.54	66.12	66.60	0.407
3949	2.36	34.93	27.90	42.20	2.55	66.12	66.60	0.407
3961	2.36	34.92	27.90	42.57	2.55	66.07	66.55	0.407
3971	2.35	34.89	27.88	44.43	2.56	66.12	66.60	0.407
3984	2.36	34.92	27.90	43.00	2.56	66.09	66.58	0.407
3996	2.35	34.92	27.90	42.92	2.57	66.14	66.63	0.406
4006	2.35	34.91	27.89	43.25	2.57	66.09	66.58	0.407
4018	2.35	34.91	27.89	43.64	2.58	66.12	66.61	0.406
4031	2.35	34.89	27.88	44.87	2.58	66.07	66.56	0.407
4041	2.35	34.93	27.91	42.12	2.59	66.02	66.51	0.408
4051	2.36	34.91	27.89	44.05	2.59	66.14	66.63	0.406
4062	2.35	34.91	27.89	44.02	2.60	66.04	66.54	0.408
4072	2.35	34.92	27.90	42.80	2.60	66.02	66.51	0.408
4082	2.35	34.90	27.88	44.66	2.60	66.14	66.64	0.406
4094	2.35	34.93	27.91	42.32	2.61	66.07	66.57	0.407
4104	2.36	34.88	27.87	45.83	2.61	66.09	66.59	0.407
4116	2.36	34.91	27.89	43.92	2.62	66.09	66.59	0.407
4127	2.35	34.91	27.89	43.86	2.62	66.02	66.52	0.408
4139	2.35	34.94	27.92	41.88	2.63	66.02	66.52	0.408
4149	2.35	34.92	27.90	43.36	2.63	66.04	66.55	0.407
4161	2.35	34.93	27.91	42.59	2.64	66.04	66.55	0.407
4170	2.36	34.88	27.87	46.06	2.64	66.06	66.57	0.407
4180	2.36	34.90	27.88	45.31	2.65	66.02	66.53	0.408
4190	2.35	34.92	27.90	43.64	2.65	65.99	66.50	0.408
4200	2.36	34.89	27.87	45.96	2.66	65.97	66.48	0.408
4210	2.35	34.94	27.92	41.95	2.66	66.01	66.53	0.408
4220	2.36	34.89	27.87	46.13	2.66	65.92	66.43	0.409
4230	2.36	34.89	27.88	45.78	2.67	65.97	66.48	0.408
4240	2.35	34.93	27.91	42.93	2.67	66.01	66.53	0.408
4254	2.36	34.89	27.87	46.13	2.68	65.94	66.46	0.409
4264	2.36	34.88	27.87	46.91	2.68	65.94	66.46	0.409
4275	2.36	34.90	27.88	45.71	2.69	65.92	66.44	0.409
4285	2.35	34.93	27.91	43.26	2.69	65.94	66.46	0.409
4295	2.35	34.93	27.91	43.58	2.70	65.94	66.47	0.409
4307	2.36	34.92	27.90	44.36	2.70	65.92	66.44	0.409
4318	2.36	34.91	27.89	44.73	2.71	65.94	66.47	0.409
4328	2.37	34.90	27.88	45.93	2.71	65.82	66.35	0.410
4340	2.36	34.92	27.90	44.31	2.72	65.92	66.45	0.409
4352	2.37	34.92	27.90	44.36	2.72	65.89	66.42	0.409

CONGO STA 35 16-05-78 1615 DN CAST

DEPTH	TEMP	SAL	SIG-T	SVA	DELD	% TR	POT TR	POT C
4363	2.37	34.88	27.87	47.05	2.73	65.82	66.35	0.410
4373	2.37	34.90	27.88	46.24	2.73	65.77	66.30	0.411
4385	2.36	34.90	27.88	46.22	2.74	65.55	66.09	0.414
4395	2.35	34.94	27.91	43.37	2.74	65.65	66.19	0.413
4405	2.36	34.92	27.90	44.49	2.75	65.55	66.09	0.414
4416	2.37	34.91	27.89	45.30	2.75	65.55	66.09	0.414
4426	2.36	34.88	27.87	47.53	2.76	65.43	65.97	0.416
4438	2.37	34.88	27.87	47.63	2.76	65.40	65.95	0.416
4449	2.36	34.89	27.87	47.18	2.77	65.16	65.71	0.420
4461	2.37	34.91	27.89	46.05	2.77	65.21	65.76	0.419
4471	2.37	34.92	27.90	45.17	2.78	65.13	65.69	0.420
4481	2.37	34.89	27.87	47.39	2.78	65.06	65.62	0.421
4491	2.37	34.91	27.89	45.85	2.79	64.96	65.52	0.423
4501	2.38	34.90	27.88	46.55	2.79	64.96	65.52	0.423
4511	2.38	34.92	27.89	45.71	2.80	64.89	65.45	0.424
4521	2.37	34.92	27.90	45.62	2.80	64.79	65.36	0.425
4531	2.37	34.90	27.88	47.10	2.81	64.77	65.33	0.426
4541	2.38	34.90	27.89	46.70	2.81	64.67	65.24	0.427
4551	2.38	34.89	27.88	47.40	2.82	64.72	65.29	0.427
4562	2.38	34.89	27.88	47.37	2.82	64.67	65.24	0.427
4572	2.38	34.89	27.88	47.71	2.83	64.67	65.24	0.427
4582	2.38	34.92	27.89	46.10	2.83	64.62	65.19	0.428
4592	2.38	34.88	27.87	48.33	2.84	64.67	65.24	0.427
4602	2.38	34.86	27.85	49.83	2.84	64.62	65.20	0.428
4612	2.37	34.90	27.88	47.46	2.85	64.59	65.17	0.428

CRUISE ID: CONGO

Table 43

ENTER STATION #,DATE, AND TIME : STA 36 17-05-77 1350

OPEN OUTPUT FILE, THEN 'GO'*O O C36D;G

CONGO STA 36 17-05-77 1350 DN CAST

DEPTH	TEMP	SAL	SIG-T	SVA	DELD	% TR	POT TR	POT C
3	25.39	35.57	23.67	423.59	0.01	58.59	58.59	0.535
10	25.35	35.65	23.74	417.04	0.04	58.55	58.55	0.535
13	20.56	35.82	25.26	272.70	0.05	48.84	48.84	0.717
17	19.81	35.82	25.45	254.10	0.06	50.60	50.60	0.681
20	18.07	35.80	25.88	213.47	0.07	51.13	51.14	0.671
23	16.72	35.63	26.08	194.80	0.07	54.31	54.31	0.611
27	16.42	35.69	26.20	183.51	0.08	59.39	59.40	0.521
32	15.97	35.62	26.25	179.11	0.09	62.13	62.13	0.476
35	15.83	35.60	26.27	177.18	0.10	63.03	63.04	0.462
39	15.69	35.54	26.25	179.11	0.10	63.47	63.48	0.455
42	15.57	35.60	26.33	172.07	0.11	63.59	63.60	0.453
45	15.53	35.59	26.32	172.43	0.11	63.72	63.72	0.451
49	15.41	35.52	26.30	175.07	0.12	64.03	64.04	0.446
54	15.31	35.56	26.35	169.72	0.13	64.08	64.09	0.445
57	15.18	35.51	26.34	171.09	0.13	64.50	64.50	0.439
62	15.03	35.63	26.47	159.00	0.14	64.74	64.75	0.435
66	14.91	35.49	26.39	166.72	0.15	64.94	64.95	0.432
69	14.86	35.45	26.37	168.47	0.15	65.11	65.12	0.429
73	14.77	35.48	26.41	164.88	0.16	65.28	65.29	0.426
78	14.68	35.47	26.42	164.26	0.17	65.28	65.29	0.426
81	14.67	35.48	26.43	163.12	0.17	65.35	65.36	0.425
84	14.66	35.45	26.41	165.46	0.18	65.35	65.36	0.425
88	14.65	35.46	26.42	164.30	0.18	65.45	65.46	0.424
91	14.61	35.47	26.44	163.00	0.19	65.45	65.46	0.424
95	14.57	35.45	26.43	163.59	0.19	65.52	65.53	0.423
98	14.54	35.48	26.46	161.05	0.20	65.50	65.51	0.423
101	14.52	35.44	26.43	163.70	0.21	65.55	65.56	0.422
106	14.47	35.45	26.45	162.10	0.21	65.57	65.58	0.422
110	14.38	35.44	26.47	160.59	0.22	65.60	65.61	0.422
113	14.36	35.44	26.47	160.67	0.22	65.72	65.73	0.420
118	14.33	35.42	26.46	161.78	0.23	65.64	65.66	0.421
122	14.29	35.44	26.49	158.88	0.24	65.67	65.68	0.420
125	14.29	35.40	26.46	161.97	0.24	65.69	65.71	0.420
130	14.25	35.42	26.48	159.87	0.25	65.69	65.71	0.420
133	14.18	35.41	26.48	159.80	0.26	65.77	65.78	0.419
137	14.16	35.37	26.46	161.80	0.26	65.82	65.83	0.418
140	14.14	35.41	26.49	158.78	0.27	65.84	65.86	0.418
144	14.09	35.40	26.49	159.10	0.27	65.84	65.86	0.418
149	14.07	35.37	26.47	160.93	0.28	65.81	65.83	0.418
154	13.96	35.38	26.51	157.70	0.29	65.84	65.86	0.418
159	13.92	35.34	26.49	159.78	0.30	65.74	65.76	0.419
162	13.86	35.37	26.52	156.63	0.30	65.86	65.88	0.417
166	13.84	35.37	26.53	156.46	0.31	65.89	65.91	0.417
171	13.75	35.36	26.54	155.59	0.32	65.77	65.79	0.419
174	13.68	35.34	26.53	156.06	0.32	65.86	65.88	0.417
177	13.64	35.34	26.55	154.89	0.33	65.86	65.88	0.417
183	13.61	35.31	26.53	156.48	0.33	65.94	65.96	0.416
186	13.52	35.25	26.50	159.56	0.34	65.94	65.96	0.416
189	13.49	35.33	26.57	153.26	0.35	65.89	65.91	0.417
193	13.44	35.31	26.56	153.77	0.35	65.91	65.93	0.417
196	13.39	35.29	26.56	154.33	0.36	65.91	65.94	0.417

CONGO STA 36 17-05-77 1350 DN CAST

DEPTH	TEMP	SAL	SIG-T	SVA	DELD	% TR	POT TR	POT C
201	13.31	35.27	26.56	154.01	0.36	65.89	65.91	0.417
205	13.19	35.29	26.60	150.73	0.37	65.76	65.79	0.419
208	13.17	35.29	26.60	149.98	0.37	65.72	65.74	0.420
213	13.00	35.26	26.61	149.33	0.38	65.72	65.74	0.420
216	12.97	35.28	26.63	147.36	0.39	65.76	65.79	0.419
221	12.75	35.22	26.63	148.06	0.39	65.72	65.74	0.420
225	12.70	35.19	26.62	148.77	0.40	65.79	65.82	0.418
228	12.62	35.23	26.67	144.43	0.40	65.74	65.77	0.419
233	12.56	35.21	26.67	144.70	0.41	65.86	65.89	0.417
238	12.50	35.15	26.63	148.35	0.42	65.86	65.89	0.417
242	12.43	35.18	26.66	144.97	0.42	65.76	65.79	0.419
245	12.28	35.19	26.70	141.50	0.43	65.84	65.87	0.418
250	12.18	35.14	26.68	143.20	0.44	65.89	65.92	0.417
254	12.08	35.14	26.70	141.45	0.44	65.86	65.89	0.417
257	12.01	35.14	26.72	139.96	0.44	65.86	65.89	0.417
260	11.94	35.13	26.72	139.70	0.45	65.96	65.99	0.416
264	11.88	35.12	26.73	139.50	0.45	65.98	66.01	0.415
267	11.76	35.11	26.74	137.91	0.46	65.96	65.99	0.416
270	11.70	35.11	26.75	137.32	0.46	65.96	65.99	0.416
274	11.67	35.15	26.79	133.48	0.47	66.03	66.06	0.415
277	11.58	35.11	26.77	135.05	0.47	66.06	66.09	0.414
281	11.47	35.05	26.74	137.96	0.48	66.08	66.11	0.414
284	11.38	35.07	26.78	134.48	0.48	66.15	66.19	0.413
291	11.24	35.05	26.79	133.73	0.49	66.10	66.14	0.414
294	11.02	35.06	26.83	129.49	0.50	66.13	66.16	0.413
298	10.91	35.02	26.83	130.11	0.50	66.25	66.29	0.411
303	10.82	35.03	26.85	128.04	0.51	66.10	66.14	0.414
306	10.71	35.01	26.85	127.73	0.51	66.20	66.24	0.412
309	10.62	34.99	26.85	127.73	0.51	66.15	66.19	0.413
313	10.57	34.99	26.87	126.47	0.52	66.08	66.12	0.414
320	10.48	34.99	26.88	125.08	0.53	66.10	66.14	0.413
323	10.39	34.98	26.89	124.61	0.53	66.08	66.12	0.414
326	10.31	34.95	26.88	125.36	0.54	66.20	66.24	0.412
331	10.22	34.92	26.87	126.70	0.54	66.18	66.22	0.412
336	10.08	34.91	26.88	125.13	0.55	66.15	66.19	0.413
340	9.99	34.92	26.91	122.75	0.55	66.10	66.14	0.413
345	9.69	34.86	26.92	121.87	0.56	66.22	66.27	0.412
348	9.61	34.88	26.95	119.19	0.56	66.27	66.32	0.411
353	9.48	34.87	26.96	118.09	0.57	66.25	66.29	0.411
358	9.40	34.87	26.97	116.65	0.58	66.17	66.22	0.412
363	9.29	34.85	26.97	116.81	0.58	66.25	66.29	0.411
367	9.26	34.84	26.97	117.00	0.58	66.25	66.29	0.411
370	9.17	34.78	26.94	119.88	0.59	66.27	66.32	0.411
374	9.13	34.79	26.96	118.44	0.59	66.30	66.34	0.410
379	9.01	34.80	26.98	116.60	0.60	66.35	66.39	0.410
384	8.92	34.81	27.00	114.28	0.60	66.30	66.34	0.410
387	8.83	34.78	27.00	114.66	0.61	66.39	66.44	0.409
391	8.79	34.77	26.99	114.88	0.61	66.37	66.42	0.409
394	8.72	34.79	27.02	112.55	0.62	66.42	66.47	0.409
397	8.70	34.79	27.02	112.21	0.62	66.30	66.34	0.410
401	8.63	34.77	27.02	112.62	0.62	66.39	66.44	0.409
406	8.58	34.75	27.01	113.62	0.63	66.42	66.47	0.409
409	8.50	34.74	27.02	113.00	0.63	66.44	66.49	0.408
412	8.44	34.76	27.03	111.24	0.64	66.39	66.44	0.409
416	8.40	34.76	27.04	110.52	0.64	66.49	66.54	0.407
421	8.33	34.75	27.05	110.07	0.65	66.42	66.47	0.409
424	8.27	34.75	27.05	109.42	0.65	66.47	66.52	0.408

CONGO STA 36 17-05-77 1350 DN CAST

DEPTH	TEMP	SAL	SIG-T	SVA	DELD	% TR	POT TR	POT C
428	8.17	34.75	27.08	107.42	0.65	66.39	66.44	0.409
433	8.12	34.83	27.14	101.31	0.66	66.47	66.52	0.408
436	8.05	34.75	27.09	105.82	0.66	66.54	66.59	0.407
441	8.00	34.83	27.16	99.23	0.67	66.54	66.59	0.407
445	7.95	34.73	27.09	105.92	0.67	66.44	66.50	0.408
448	7.89	34.72	27.09	105.97	0.67	66.54	66.59	0.407
451	7.87	34.72	27.09	105.82	0.68	66.49	66.54	0.407
455	7.82	34.69	27.08	107.47	0.68	66.59	66.64	0.406
458	7.78	34.71	27.10	105.74	0.69	66.59	66.64	0.406
463	7.69	34.69	27.10	105.22	0.69	66.56	66.62	0.406
468	7.61	34.67	27.10	105.66	0.70	66.64	66.69	0.405
472	7.55	34.67	27.10	105.22	0.70	66.69	66.74	0.404
475	7.50	34.69	27.12	103.12	0.70	66.61	66.67	0.406
480	7.43	34.71	27.15	100.77	0.71	66.66	66.72	0.405
483	7.36	34.68	27.14	101.69	0.71	66.66	66.72	0.405
487	7.35	34.68	27.14	101.97	0.72	66.61	66.67	0.406
490	7.32	34.66	27.13	102.58	0.72	66.66	66.72	0.405
494	7.28	34.65	27.12	103.13	0.72	66.68	66.74	0.404
497	7.26	34.61	27.10	105.36	0.73	66.73	66.79	0.404
502	7.19	34.63	27.12	103.57	0.73	66.78	66.84	0.403
505	7.11	34.66	27.15	100.20	0.73	66.66	66.72	0.405
509	7.07	34.65	27.15	100.33	0.74	66.73	66.79	0.404
512	7.03	34.64	27.15	100.49	0.74	66.78	66.84	0.403
516	6.98	34.62	27.14	101.41	0.74	66.76	66.82	0.403
519	6.93	34.62	27.15	100.59	0.75	66.76	66.82	0.403
522	6.88	34.60	27.14	101.42	0.75	66.81	66.87	0.403
526	6.83	34.61	27.16	100.11	0.75	66.76	66.82	0.403
529	6.81	34.61	27.16	99.97	0.76	66.68	66.75	0.404
534	6.73	34.62	27.18	97.97	0.76	66.76	66.82	0.403
537	6.68	34.61	27.17	98.41	0.77	66.78	66.85	0.403
541	6.66	34.60	27.17	98.41	0.77	66.81	66.87	0.403
546	6.64	34.61	27.18	97.72	0.77	66.73	66.80	0.404
549	6.59	34.59	27.17	98.83	0.78	66.81	66.87	0.403
553	6.56	34.60	27.19	97.20	0.78	66.76	66.82	0.403
558	6.50	34.61	27.20	95.61	0.79	66.83	66.90	0.402
561	6.43	34.58	27.19	96.95	0.79	66.81	66.87	0.402
565	6.42	34.64	27.24	92.67	0.79	66.80	66.87	0.402
568	6.39	34.33	26.99	115.53	0.80	66.76	66.83	0.403
571	6.34	34.59	27.20	95.62	0.80	66.78	66.85	0.403
576	6.28	34.55	27.18	97.56	0.80	66.90	66.97	0.401
581	6.25	34.57	27.20	96.11	0.81	66.90	66.97	0.401
588	6.23	34.58	27.22	94.51	0.82	66.83	66.90	0.402
592	6.17	34.55	27.20	96.44	0.82	66.85	66.93	0.402
595	6.12	34.56	27.21	95.13	0.82	66.90	66.97	0.401
600	6.13	34.58	27.23	93.52	0.83	66.80	66.88	0.402
603	6.10	34.60	27.24	92.01	0.83	66.88	66.95	0.401
607	6.08	34.57	27.22	94.27	0.83	66.83	66.90	0.402
610	6.04	34.54	27.20	95.77	0.84	66.95	67.02	0.400
613	6.00	34.56	27.23	93.35	0.84	66.83	66.90	0.402
617	5.98	34.56	27.23	93.26	0.84	66.88	66.95	0.401
620	5.95	34.54	27.21	94.80	0.85	66.85	66.93	0.402
624	5.93	34.56	27.23	93.09	0.85	66.90	66.98	0.401
627	5.89	34.56	27.24	92.29	0.85	66.85	66.93	0.402
634	5.83	34.53	27.23	93.81	0.86	66.93	67.00	0.401
637	5.83	34.52	27.22	94.70	0.86	66.95	67.03	0.400
642	5.79	34.58	27.27	90.00	0.87	66.88	66.95	0.401
647	5.75	34.53	27.24	92.84	0.87	66.95	67.03	0.400

CONGO STA 36 17-05-77 1350 DN CAST

DEPTH	TEMP	SAL	SIG-T	SVA	DELD	% TR	POT TR	POT C
659	5.69	34.49	27.21	94.89	0.88	66.95	67.03	0.400
669	5.52	34.50	27.24	92.35	0.89	66.88	66.96	0.401
681	5.41	34.49	27.24	92.02	0.90	66.88	66.96	0.401
691	5.36	34.48	27.25	91.92	0.91	66.90	66.98	0.401
701	5.29	34.53	27.29	87.91	0.92	66.92	67.01	0.400
711	5.20	34.58	27.34	82.93	0.93	66.95	67.03	0.400
722	5.14	34.50	27.29	88.00	0.94	66.95	67.04	0.400
732	5.05	34.54	27.33	84.33	0.95	66.95	67.04	0.400
745	4.99	34.54	27.33	83.83	0.96	66.97	67.06	0.400
755	4.92	34.53	27.34	83.22	0.97	66.97	67.06	0.400
765	4.88	34.47	27.29	87.33	0.98	67.00	67.09	0.399
777	4.83	34.52	27.34	83.38	0.99	66.97	67.07	0.400
787	4.78	34.50	27.32	84.62	0.99	66.95	67.04	0.400
797	4.72	34.49	27.33	84.09	1.00	66.92	67.02	0.400
809	4.66	34.48	27.32	85.03	1.01	67.00	67.09	0.399
819	4.62	34.47	27.32	85.12	1.02	66.90	67.00	0.401
831	4.57	34.49	27.34	82.88	1.03	66.97	67.07	0.400
841	4.53	34.49	27.34	82.97	1.04	66.99	67.10	0.399
855	4.49	34.52	27.37	80.04	1.05	66.99	67.10	0.399
867	4.43	34.54	27.40	77.67	1.06	66.97	67.08	0.399
878	4.40	34.50	27.37	80.87	1.07	66.95	67.05	0.400
890	4.36	34.54	27.40	77.44	1.08	66.97	67.08	0.399
900	4.34	34.50	27.38	79.80	1.09	66.99	67.10	0.399
910	4.31	34.56	27.43	75.19	1.09	66.99	67.10	0.399
922	4.28	34.57	27.43	74.72	1.10	67.02	67.13	0.399
932	4.27	34.57	27.44	74.33	1.11	67.02	67.13	0.399
944	4.25	34.54	27.41	76.76	1.12	66.97	67.08	0.399
956	4.23	34.57	27.44	74.34	1.13	67.02	67.13	0.399
968	4.20	34.56	27.44	74.22	1.14	66.97	67.09	0.399
978	4.19	34.57	27.45	73.83	1.14	67.02	67.14	0.399
988	4.18	34.59	27.46	72.64	1.15	67.02	67.14	0.399
998	4.17	34.58	27.45	73.45	1.16	67.04	67.16	0.398
1008	4.17	34.59	27.46	72.71	1.17	66.99	67.11	0.399
1018	4.17	34.61	27.48	70.72	1.17	66.97	67.09	0.399
1028	4.16	34.64	27.50	69.07	1.18	66.92	67.04	0.400
1039	4.14	34.62	27.49	70.24	1.19	66.99	67.12	0.399
1050	4.13	34.61	27.48	71.11	1.20	67.02	67.14	0.398
1062	4.11	34.65	27.52	67.43	1.20	66.94	67.07	0.400
1072	4.13	34.65	27.52	68.00	1.21	66.99	67.12	0.399
1082	4.12	34.67	27.53	66.79	1.22	66.92	67.05	0.400
1094	4.11	34.71	27.56	64.02	1.22	66.99	67.12	0.399
1104	4.12	34.67	27.54	66.58	1.23	66.92	67.05	0.400
1114	4.12	34.71	27.56	64.17	1.24	66.97	67.10	0.399
1124	4.09	34.74	27.59	61.23	1.24	66.94	67.08	0.399
1135	4.10	34.72	27.57	63.34	1.25	67.01	67.15	0.398
1146	4.08	34.71	27.57	63.36	1.26	67.01	67.15	0.398
1158	4.08	34.72	27.58	63.10	1.27	66.97	67.11	0.399
1168	4.08	34.75	27.60	60.69	1.27	66.99	67.13	0.399
1178	4.08	34.77	27.61	59.92	1.28	66.96	67.11	0.399
1190	4.08	34.78	27.62	59.26	1.28	66.87	67.01	0.400
1200	4.06	34.77	27.62	59.62	1.29	66.94	67.09	0.399
1212	4.08	34.80	27.64	57.82	1.30	66.96	67.11	0.399
1222	4.06	34.81	27.65	56.95	1.30	66.96	67.11	0.399
1232	4.05	34.83	27.67	55.33	1.31	66.91	67.06	0.400
1242	4.07	34.83	27.66	55.89	1.31	66.91	67.07	0.400
1256	4.06	34.81	27.65	57.28	1.32	66.84	66.99	0.401
1266	4.05	34.84	27.67	55.23	1.33	66.91	67.07	0.400

CONGO STA 36 17-05-77 1350 DN CAST

DEPTH	TEMP	SAL	SIG-T	SVA	DELD	% TR	POT TR	POT C
1281	4.07	34.81	27.65	57.66	1.34	66.87	67.02	0.400
1291	4.04	34.86	27.69	53.49	1.34	66.87	67.02	0.400
1303	4.03	34.83	27.67	55.56	1.35	66.86	67.02	0.400
1313	4.04	34.86	27.69	54.04	1.35	66.89	67.05	0.400
1325	4.04	34.87	27.70	53.35	1.36	66.86	67.03	0.400
1335	4.03	34.86	27.69	54.13	1.37	66.82	66.98	0.401
1345	4.01	34.85	27.69	54.04	1.37	66.94	67.10	0.399
1355	4.00	34.86	27.70	53.68	1.38	66.91	67.08	0.399
1365	4.02	34.89	27.72	51.80	1.38	66.79	66.96	0.401
1379	4.02	34.88	27.71	52.41	1.39	66.86	67.03	0.400
1389	3.99	34.91	27.74	50.21	1.39	66.84	67.01	0.400
1399	3.98	34.91	27.74	49.77	1.40	66.84	67.01	0.400
1409	3.97	34.86	27.70	53.41	1.40	66.79	66.96	0.401
1419	3.95	34.91	27.74	49.72	1.41	66.91	67.08	0.399
1429	3.95	34.90	27.73	50.94	1.41	66.79	66.96	0.401
1439	3.92	34.92	27.75	49.22	1.42	66.79	66.96	0.401
1451	3.91	34.92	27.75	48.84	1.43	66.84	67.01	0.400
1463	3.92	34.90	27.74	50.25	1.43	66.84	67.02	0.400
1473	3.92	34.92	27.75	49.07	1.44	66.89	67.07	0.400
1485	3.90	34.90	27.74	50.68	1.44	66.81	66.99	0.401
1496	3.89	34.90	27.74	50.34	1.45	66.84	67.02	0.400
1508	3.87	34.92	27.76	49.10	1.45	66.76	66.95	0.401
1518	3.86	34.94	27.77	47.47	1.46	66.81	67.00	0.401
1532	3.86	34.93	27.77	48.09	1.46	66.81	67.00	0.401
1542	3.86	34.94	27.78	47.32	1.47	66.76	66.95	0.401
1555	3.85	34.90	27.75	50.21	1.48	66.79	66.98	0.401
1567	3.83	34.95	27.79	46.59	1.48	66.76	66.95	0.401
1577	3.82	34.90	27.75	50.22	1.49	66.79	66.98	0.401
1587	3.80	34.95	27.79	46.50	1.49	66.79	66.98	0.401
1597	3.80	34.91	27.76	49.38	1.50	66.74	66.93	0.402
1607	3.79	34.92	27.76	48.95	1.50	66.76	66.96	0.401
1618	3.78	34.91	27.76	49.33	1.51	66.74	66.94	0.402
1628	3.77	34.91	27.76	49.34	1.51	66.71	66.91	0.402
1639	3.76	34.92	27.77	48.52	1.52	66.79	66.99	0.401
1649	3.75	34.94	27.79	46.90	1.52	66.86	67.06	0.400
1660	3.74	34.94	27.78	47.24	1.53	66.76	66.96	0.401
1671	3.73	34.94	27.78	47.34	1.53	66.83	67.04	0.400
1681	3.69	34.97	27.82	44.30	1.54	66.79	66.99	0.401
1693	3.69	34.93	27.79	47.18	1.54	66.86	67.06	0.400
1703	3.67	34.95	27.80	45.90	1.55	66.81	67.02	0.400
1713	3.66	34.94	27.80	46.27	1.55	66.79	66.99	0.401
1723	3.64	34.92	27.78	47.41	1.56	66.78	66.99	0.401
1733	3.63	34.92	27.78	47.41	1.56	66.81	67.02	0.400
1744	3.64	34.91	27.78	48.30	1.57	66.83	67.05	0.400
1757	3.61	34.94	27.80	46.27	1.57	66.78	67.00	0.401
1769	3.60	34.96	27.82	44.68	1.58	66.74	66.95	0.401
1781	3.59	34.96	27.82	44.33	1.58	66.71	66.93	0.402
1791	3.57	34.96	27.82	44.23	1.59	66.76	66.98	0.401
1801	3.57	34.96	27.82	44.24	1.59	66.76	66.98	0.401
1811	3.57	34.92	27.79	47.10	1.60	66.71	66.93	0.402
1821	3.55	34.97	27.83	43.83	1.60	66.73	66.96	0.401
1831	3.55	34.93	27.80	46.25	1.61	66.64	66.86	0.403
1841	3.52	34.99	27.85	42.12	1.61	66.76	66.98	0.401
1851	3.52	34.94	27.81	45.72	1.61	66.76	66.98	0.401
1863	3.49	34.94	27.81	45.32	1.62	66.68	66.91	0.402
1875	3.47	34.97	27.84	42.88	1.62	66.76	66.99	0.401
1885	3.47	34.95	27.82	44.51	1.63	66.78	67.01	0.400

CONGO STA 36 17-05-77 1350 DN CAST

DEPTH	TEMP	SAL	SIG-T	SVA	DELD	% TR	POT TR	POT C
1896	3.46	34.96	27.83	43.72	1.63	66.68	66.92	0.402
1906	3.46	34.93	27.80	46.13	1.64	66.76	66.99	0.401
1917	3.44	34.95	27.83	44.10	1.64	66.76	66.99	0.401
1927	3.43	34.93	27.81	45.65	1.65	66.71	66.94	0.401
1938	3.41	34.96	27.83	43.62	1.65	66.66	66.90	0.402
1948	3.42	34.96	27.84	43.30	1.66	66.63	66.87	0.402
1960	3.41	34.95	27.83	44.14	1.66	66.68	66.92	0.402
1974	3.39	34.95	27.83	44.18	1.67	66.66	66.90	0.402
1984	3.38	34.97	27.85	42.57	1.67	66.61	66.85	0.403
1994	3.36	34.97	27.85	42.48	1.68	66.61	66.85	0.403
2005	3.36	34.98	27.86	41.77	1.68	66.68	66.93	0.402
2016	3.35	34.93	27.82	45.41	1.69	66.66	66.90	0.402
2026	3.34	34.94	27.83	44.55	1.69	66.68	66.93	0.402
2036	3.32	34.98	27.86	41.63	1.70	66.68	66.93	0.402
2046	3.31	34.96	27.85	42.81	1.70	66.68	66.93	0.402
2056	3.30	34.95	27.84	43.60	1.70	66.61	66.86	0.403
2068	3.29	34.92	27.81	45.66	1.71	66.63	66.89	0.402
2078	3.29	34.94	27.83	44.47	1.71	66.58	66.84	0.403
2089	3.27	34.98	27.87	40.81	1.72	66.71	66.96	0.401
2099	3.25	34.93	27.83	44.78	1.72	66.58	66.84	0.403
2109	3.25	34.96	27.85	42.77	1.73	66.66	66.91	0.402
2121	3.23	34.95	27.84	43.14	1.73	66.61	66.87	0.403
2131	3.23	34.96	27.85	42.32	1.74	66.68	66.94	0.401
2141	3.21	34.95	27.85	42.68	1.74	66.68	66.94	0.401
2153	3.19	34.92	27.83	44.70	1.75	66.66	66.92	0.402
2163	3.19	34.97	27.86	41.47	1.75	66.63	66.90	0.402
2173	3.17	34.98	27.88	40.21	1.75	66.58	66.85	0.403
2183	3.17	34.94	27.84	43.44	1.76	66.66	66.92	0.402
2193	3.16	34.97	27.86	41.39	1.76	66.63	66.90	0.402
2205	3.14	34.95	27.86	42.17	1.77	66.66	66.92	0.402
2217	3.15	34.95	27.86	42.27	1.77	66.58	66.85	0.403
2227	3.13	34.93	27.84	43.43	1.78	66.68	66.95	0.401
2237	3.12	34.92	27.83	44.25	1.78	66.65	66.93	0.402
2247	3.11	34.93	27.84	43.82	1.79	66.61	66.88	0.402
2259	3.10	34.95	27.86	42.25	1.79	66.63	66.91	0.402
2269	3.11	34.97	27.87	41.07	1.80	66.61	66.88	0.402
2282	3.09	34.93	27.84	43.97	1.80	66.63	66.91	0.402
2292	3.07	34.95	27.86	42.27	1.81	66.60	66.88	0.402
2302	3.07	34.94	27.85	43.08	1.81	66.58	66.86	0.403
2312	3.05	34.97	27.88	40.16	1.81	66.56	66.84	0.403
2322	3.04	34.98	27.89	39.70	1.82	66.58	66.86	0.403
2334	3.04	34.96	27.87	41.39	1.82	66.63	66.91	0.402
2344	3.03	34.93	27.85	43.39	1.83	66.58	66.87	0.403
2354	3.02	34.95	27.86	41.76	1.83	66.56	66.84	0.403
2366	3.00	34.96	27.88	40.52	1.84	66.51	66.80	0.404
2376	3.00	34.93	27.85	42.98	1.84	66.58	66.87	0.403
2386	2.99	34.95	27.86	41.76	1.84	66.53	66.82	0.403
2396	2.98	34.92	27.84	43.72	1.85	66.53	66.82	0.403
2406	2.98	34.91	27.84	44.12	1.85	66.55	66.85	0.403
2416	2.97	34.94	27.86	42.03	1.86	66.60	66.90	0.402
2428	2.97	34.96	27.88	40.87	1.86	66.60	66.90	0.402
2438	2.97	34.94	27.86	42.48	1.87	66.58	66.88	0.402
2453	2.95	34.93	27.85	43.04	1.87	66.55	66.85	0.403
2463	2.95	34.93	27.85	43.04	1.88	66.50	66.81	0.403
2473	2.93	34.94	27.86	42.15	1.88	66.50	66.81	0.403
2483	2.94	34.96	27.88	40.99	1.89	66.48	66.78	0.404
2493	2.93	34.95	27.87	41.32	1.89	66.58	66.88	0.402

CONGO STA 36 17-05-77 1350 DN CAST

DEPTH	TEMP	SAL	SIG-T	SVA	DELD	% TR	POT TR	POT C
2503	2.92	34.95	27.88	40.90	1.89	66.46	66.76	0.404
2513	2.90	34.96	27.89	40.03	1.90	66.45	66.76	0.404
2523	2.90	34.93	27.86	42.44	1.90	66.53	66.84	0.403
2533	2.89	34.95	27.88	40.81	1.91	66.48	66.79	0.404
2543	2.89	34.95	27.88	40.77	1.91	66.45	66.77	0.404
2554	2.89	34.93	27.86	42.38	1.91	66.48	66.79	0.404
2569	2.86	34.93	27.87	42.07	1.92	66.53	66.84	0.403
2579	2.86	34.95	27.88	40.85	1.93	66.43	66.75	0.404
2599	2.85	34.95	27.88	40.77	1.93	66.45	66.77	0.404
2609	2.84	34.95	27.89	40.32	1.94	66.45	66.77	0.404
2625	2.84	34.89	27.83	45.04	1.94	66.45	66.77	0.404
2637	2.82	34.94	27.88	41.06	1.95	66.43	66.75	0.404
2647	2.81	34.97	27.90	39.35	1.95	66.43	66.75	0.404
2657	2.81	34.97	27.90	39.32	1.96	66.50	66.83	0.403
2676	2.80	34.95	27.89	40.41	1.97	66.48	66.80	0.404
2696	2.78	34.96	27.89	39.98	1.97	66.48	66.81	0.403
2721	2.78	34.96	27.90	39.71	1.98	66.45	66.78	0.404
2754	2.77	34.94	27.88	41.00	2.00	66.48	66.81	0.403
2764	2.76	34.94	27.88	40.99	2.00	66.45	66.79	0.404
2774	2.75	34.97	27.91	38.90	2.00	66.43	66.77	0.404
2784	2.75	34.92	27.86	42.86	2.01	66.38	66.72	0.405
2794	2.75	34.93	27.87	42.07	2.01	66.40	66.74	0.404
2804	2.75	34.95	27.89	40.82	2.02	66.45	66.79	0.404
2815	2.74	34.95	27.89	40.81	2.02	66.43	66.77	0.404
2830	2.74	34.94	27.88	41.37	2.03	66.40	66.75	0.404
2840	2.73	34.94	27.89	40.96	2.03	66.40	66.75	0.404
2850	2.74	34.93	27.88	41.75	2.04	66.38	66.73	0.405
2861	2.72	34.93	27.88	41.74	2.04	66.40	66.75	0.404
2871	2.72	34.92	27.87	42.53	2.05	66.40	66.75	0.404
2885	2.70	34.92	27.87	42.61	2.05	66.30	66.66	0.406
2895	2.70	34.95	27.89	40.58	2.05	66.35	66.71	0.405
2915	2.69	34.90	27.85	44.08	2.06	66.33	66.68	0.405
2930	2.69	34.95	27.90	40.27	2.07	66.35	66.71	0.405
2942	2.69	34.94	27.89	41.08	2.07	66.33	66.69	0.405
2959	2.67	34.94	27.89	41.27	2.08	66.35	66.71	0.405
2969	2.67	34.90	27.86	44.06	2.09	66.37	66.74	0.405
2981	2.66	34.92	27.88	42.09	2.09	66.33	66.69	0.405
2992	2.65	34.92	27.88	42.12	2.10	66.33	66.69	0.405
3006	2.64	34.95	27.90	40.16	2.10	66.30	66.67	0.406
3016	2.65	34.90	27.86	43.75	2.11	66.33	66.69	0.405
3026	2.64	34.90	27.86	43.76	2.11	66.37	66.74	0.404
3038	2.64	34.90	27.86	43.79	2.12	66.35	66.72	0.405
3049	2.63	34.90	27.86	43.81	2.12	66.35	66.72	0.405
3059	2.63	34.92	27.87	42.58	2.12	66.28	66.65	0.406
3069	2.63	34.89	27.85	44.56	2.13	66.35	66.72	0.405
3079	2.63	34.86	27.83	46.92	2.13	66.30	66.68	0.405
3089	2.62	34.90	27.86	44.08	2.14	66.35	66.73	0.405
3099	2.61	34.91	27.87	43.18	2.14	66.23	66.61	0.406
3109	2.61	34.95	27.90	40.38	2.15	66.35	66.73	0.405
3119	2.61	34.93	27.88	41.90	2.15	66.35	66.73	0.405
3129	2.60	34.95	27.90	40.27	2.15	66.32	66.71	0.405
3139	2.61	34.92	27.88	42.26	2.16	66.25	66.63	0.406
3151	2.61	34.90	27.86	43.88	2.16	66.30	66.68	0.405
3163	2.59	34.95	27.90	40.26	2.17	66.30	66.69	0.405
3174	2.58	34.91	27.88	42.65	2.17	66.30	66.69	0.405
3186	2.58	34.95	27.90	40.31	2.18	66.32	66.71	0.405
3200	2.59	34.90	27.86	44.01	2.18	66.22	66.62	0.406
3213	2.57	34.94	27.90	40.89	2.19	66.27	66.67	0.406

CONGO STA 36 17-05-77 1350 UP CAST

DEPTH	TEMP	SAL	SIG-T	SVA	DELD	% TR	POT TR	POT C
3225	2.58	34.90	27.86	44.10	2.20	66.22	66.62	0.406
3235	2.57	34.90	27.86	44.11	2.20	66.22	66.62	0.406
3245	2.56	34.94	27.90	40.82	2.20	66.27	66.67	0.406
3255	2.56	34.94	27.90	40.75	2.21	66.27	66.67	0.406
3268	2.56	34.93	27.89	42.08	2.21	66.30	66.70	0.405
3278	2.56	34.93	27.89	41.65	2.22	66.15	66.55	0.407
3291	2.55	34.93	27.90	41.26	2.22	66.20	66.60	0.407
3303	2.55	34.89	27.86	44.53	2.23	66.22	66.63	0.406
3315	2.55	34.89	27.86	44.99	2.23	66.30	66.70	0.405
3325	2.55	34.90	27.87	43.73	2.24	66.22	66.63	0.406
3335	2.54	34.92	27.89	42.09	2.24	66.20	66.61	0.406
3345	2.55	34.93	27.89	42.03	2.25	66.20	66.61	0.406
3355	2.53	34.90	27.87	43.55	2.25	66.25	66.66	0.406
3366	2.53	34.90	27.87	43.99	2.26	66.17	66.59	0.407
3376	2.54	34.94	27.90	41.21	2.26	66.17	66.59	0.407
3386	2.54	34.92	27.88	42.73	2.26	66.15	66.56	0.407
3398	2.52	34.93	27.89	41.91	2.27	66.17	66.59	0.407
3411	2.53	34.92	27.88	42.82	2.27	66.20	66.61	0.406
3421	2.52	34.93	27.90	41.57	2.28	66.17	66.59	0.407
3431	2.52	34.94	27.90	41.51	2.28	66.17	66.59	0.407
3441	2.51	34.90	27.87	43.85	2.29	66.20	66.62	0.406
3451	2.50	34.90	27.87	44.17	2.29	66.17	66.59	0.407
3461	2.50	34.92	27.89	42.18	2.30	66.20	66.62	0.406
3471	2.50	34.93	27.90	41.71	2.30	66.10	66.52	0.408
3483	2.49	34.91	27.88	43.27	2.31	66.17	66.60	0.407
3493	2.50	34.93	27.89	42.09	2.31	66.12	66.55	0.407
3505	2.49	34.90	27.88	43.64	2.31	66.15	66.58	0.407
3516	2.50	34.89	27.86	44.92	2.32	66.17	66.60	0.407
3526	2.49	34.93	27.89	42.07	2.32	66.07	66.51	0.408
3536	2.48	34.93	27.90	42.03	2.33	66.05	66.48	0.408
3548	2.48	34.89	27.87	44.38	2.33	66.10	66.53	0.408
3560	2.47	34.89	27.87	44.43	2.34	66.12	66.56	0.407
3570	2.47	34.89	27.87	44.76	2.34	66.12	66.56	0.407
3580	2.47	34.88	27.86	45.13	2.35	66.10	66.54	0.408
3590	2.47	34.90	27.88	43.85	2.35	66.12	66.56	0.407
3600	2.47	34.90	27.87	44.22	2.36	66.10	66.54	0.408
3610	2.45	34.89	27.87	44.50	2.36	66.07	66.51	0.408
3620	2.45	34.94	27.91	41.31	2.37	66.05	66.49	0.408
3633	2.45	34.90	27.87	44.14	2.37	66.12	66.57	0.407
3645	2.44	34.90	27.88	43.79	2.38	65.97	66.42	0.409
3658	2.44	34.88	27.86	45.41	2.38	66.07	66.52	0.408
3668	2.44	34.92	27.89	42.53	2.39	66.02	66.47	0.408
3678	2.44	34.90	27.88	44.06	2.39	66.02	66.47	0.408
3690	2.43	34.94	27.91	41.31	2.40	66.02	66.47	0.408
3700	2.43	34.90	27.88	43.97	2.40	65.97	66.43	0.409
3711	2.43	34.89	27.87	44.85	2.41	66.02	66.48	0.408
3723	2.43	34.87	27.85	46.46	2.41	66.00	66.45	0.409
3733	2.43	34.90	27.88	44.06	2.41	66.00	66.46	0.409
3743	2.42	34.92	27.90	42.36	2.42	66.02	66.48	0.408
3755	2.42	34.87	27.85	46.29	2.42	66.02	66.48	0.408
3765	2.41	34.92	27.90	42.31	2.43	66.05	66.51	0.408
3776	2.41	34.88	27.86	45.44	2.43	66.02	66.48	0.408
3788	2.41	34.88	27.86	45.47	2.44	65.97	66.44	0.409
3800	2.40	34.92	27.89	42.67	2.44	66.00	66.46	0.409
3810	2.39	34.88	27.87	44.95	2.45	66.00	66.46	0.409
3820	2.39	34.88	27.86	45.36	2.45	65.97	66.44	0.409
3830	2.39	34.92	27.90	42.51	2.46	66.04	66.51	0.408

CONGO STA 36 17-05-77 1350 UP CAST

DEPTH	TEMP	SAL	SIG-T	SVA	DELD	% TR	POT TR	POT C
3840	2.39	34.86	27.85	46.77	2.46	65.97	66.44	0.409
3850	2.38	34.92	27.90	42.39	2.47	66.00	66.47	0.409
3861	2.39	34.87	27.86	46.31	2.47	65.92	66.40	0.410
3874	2.39	34.88	27.87	45.19	2.48	65.97	66.45	0.409
3888	2.38	34.85	27.84	47.64	2.48	65.73	66.21	0.413
3899	2.38	34.88	27.86	45.68	2.49	65.95	66.42	0.409
3909	2.37	34.93	27.91	41.65	2.49	65.92	66.40	0.410
3919	2.38	34.89	27.88	44.73	2.50	65.95	66.43	0.409
3929	2.37	34.88	27.87	45.46	2.50	65.90	66.38	0.410
3941	2.37	34.89	27.88	44.70	2.51	65.92	66.40	0.410
3953	2.37	34.92	27.90	42.71	2.51	65.90	66.38	0.410
3964	2.36	34.90	27.89	43.86	2.52	65.87	66.36	0.410
3974	2.38	34.88	27.87	45.47	2.52	65.92	66.41	0.409
3984	2.37	34.87	27.86	46.18	2.53	65.87	66.36	0.410
3994	2.36	34.91	27.89	43.76	2.53	65.87	66.36	0.410
4004	2.36	34.92	27.90	42.88	2.54	65.92	66.41	0.409
4014	2.36	34.88	27.87	45.56	2.54	65.85	66.34	0.410
4028	2.37	34.90	27.88	44.50	2.55	65.87	66.37	0.410
4037	2.36	34.87	27.86	46.35	2.55	65.82	66.32	0.411
4049	2.36	34.89	27.87	45.21	2.56	65.85	66.34	0.410
4059	2.37	34.91	27.89	43.98	2.56	65.85	66.34	0.410
4071	2.37	34.87	27.86	46.72	2.57	65.85	66.35	0.410
4082	2.36	34.87	27.86	46.30	2.57	65.85	66.35	0.410
4092	2.37	34.89	27.87	45.52	2.58	65.87	66.37	0.410
4104	2.37	34.89	27.87	45.91	2.58	65.85	66.35	0.410
4116	2.36	34.91	27.89	44.31	2.59	65.72	66.23	0.412
4126	2.37	34.93	27.91	42.69	2.59	65.77	66.28	0.411
4136	2.36	34.88	27.87	46.10	2.60	65.82	66.33	0.411
4147	2.36	34.89	27.88	45.37	2.60	65.87	66.38	0.410
4157	2.36	34.89	27.88	45.29	2.61	65.82	66.33	0.411
4169	2.37	34.88	27.87	46.48	2.61	65.82	66.33	0.411
4180	2.37	34.90	27.89	44.97	2.62	65.75	66.26	0.412
4192	2.36	34.89	27.88	45.66	2.62	65.80	66.31	0.411
4204	2.37	34.89	27.88	45.74	2.63	65.72	66.24	0.412
4214	2.37	34.92	27.90	43.72	2.63	65.75	66.26	0.412
4227	2.37	34.90	27.88	45.32	2.64	65.77	66.29	0.411
4237	2.37	34.89	27.87	46.42	2.64	65.82	66.34	0.411
4250	2.36	34.88	27.87	46.46	2.65	65.79	66.32	0.411
4260	2.37	34.89	27.87	46.43	2.65	65.79	66.32	0.411
4270	2.37	34.92	27.90	44.43	2.66	65.75	66.27	0.412
4280	2.37	34.87	27.86	47.84	2.66	65.77	66.30	0.411
4290	2.37	34.90	27.88	45.86	2.67	65.72	66.25	0.412
4302	2.36	34.86	27.85	48.15	2.67	65.77	66.30	0.411
4312	2.37	34.90	27.88	45.85	2.68	65.74	66.27	0.411
4322	2.36	34.89	27.87	46.49	2.68	65.79	66.32	0.411
4332	2.37	34.89	27.88	46.46	2.69	65.74	66.28	0.411
4342	2.38	34.92	27.90	44.87	2.69	65.70	66.23	0.412
4352	2.37	34.92	27.90	44.78	2.69	65.74	66.28	0.411
4363	2.37	34.90	27.88	45.88	2.70	65.70	66.23	0.412
4376	2.37	34.91	27.89	45.55	2.71	65.62	66.16	0.413
4386	2.38	34.92	27.89	45.15	2.71	65.67	66.21	0.412
4396	2.38	34.89	27.88	46.65	2.71	65.72	66.26	0.412
4406	2.37	34.88	27.87	47.35	2.72	65.72	66.26	0.412
4418	2.37	34.91	27.89	45.81	2.72	65.62	66.16	0.413
4430	2.38	34.88	27.87	47.71	2.73	65.69	66.24	0.412
4441	2.38	34.91	27.89	46.18	2.74	65.62	66.17	0.413
4453	2.37	34.89	27.88	46.89	2.74	65.72	66.26	0.412

CONGO STA 36 17-05-77 1350 UP CAST

DEPTH	TEMP	SAL	SIG-T	SVA	DELD	% TR	POT TR	POT C
4464	2.37	34.88	27.86	48.07	2.75	65.64	66.19	0.413
4476	2.37	34.88	27.87	47.68	2.75	65.64	66.19	0.413
4488	2.37	34.90	27.88	46.90	2.76	65.64	66.20	0.413
4501	2.38	34.90	27.88	46.99	2.76	65.64	66.20	0.413
4511	2.38	34.88	27.87	48.03	2.77	65.64	66.20	0.413
4521	2.38	34.88	27.86	48.36	2.77	65.62	66.18	0.413
4532	2.39	34.86	27.85	49.57	2.78	65.64	66.20	0.413
4542	2.38	34.87	27.86	49.08	2.78	65.62	66.18	0.413
4552	2.39	34.85	27.84	50.62	2.79	65.64	66.20	0.413
4562	2.38	34.91	27.89	46.28	2.79	65.52	66.08	0.414
4572	2.39	34.87	27.85	49.68	2.80	65.57	66.13	0.414
4584	2.39	34.88	27.86	48.90	2.80	65.57	66.13	0.414
4595	2.38	34.89	27.88	47.68	2.81	65.55	66.11	0.414
4607	2.38	34.92	27.90	45.75	2.82	65.55	66.11	0.414
4619	2.39	34.88	27.86	49.23	2.82	65.52	66.09	0.414
4630	2.39	34.91	27.89	46.92	2.83	65.42	65.99	0.416
4642	2.39	34.88	27.87	48.82	2.83	65.40	65.97	0.416
4652	2.38	34.90	27.89	47.18	2.84	64.93	65.51	0.423
4663	2.38	34.87	27.86	49.88	2.84	64.76	65.35	0.426
4677	2.39	34.86	27.85	50.41	2.85	64.74	65.32	0.426
4687	2.39	34.91	27.89	46.85	2.85	64.71	65.30	0.426
4697	2.39	34.89	27.88	48.26	2.86	64.74	65.33	0.426
4707	2.39	34.89	27.87	48.60	2.86	64.69	65.28	0.427
4717	2.40	34.89	27.88	48.58	2.87	64.74	65.33	0.426
4728	2.39	34.93	27.90	46.22	2.87	64.71	65.30	0.426
4738	2.40	34.88	27.86	49.66	2.88	64.64	65.23	0.427
4750	2.41	34.85	27.84	51.62	2.88	64.69	65.28	0.427
4761	2.40	34.91	27.89	47.74	2.89	64.66	65.26	0.427
4771	2.40	34.87	27.85	50.71	2.90	64.64	65.24	0.427
4781	2.41	34.87	27.86	50.31	2.90	64.52	65.12	0.429
4793	2.40	34.95	27.92	45.24	2.91	64.52	65.12	0.429
4804	2.41	34.90	27.88	48.64	2.91	64.47	65.07	0.430
4814	2.41	34.87	27.86	50.58	2.92	64.35	64.95	0.432

CRUISE ID: CONGO

Table 44

ENTER STATION #,DATE, AND TIME : STA 38 18-05-77 1940

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CONGO STA 38 18-05-77 1940 DN CAST

DEPTH	TEMP	SAL	SIG-T	SVA	DELD	% TR	POT TR	POT C
34	24.58	36.45	24.59	337.59	0.12	63.16	63.17	0.460
38	24.59	36.44	24.58	338.70	0.13	63.09	63.09	0.461
41	24.58	36.44	24.58	338.64	0.14	62.92	62.92	0.463
46	24.55	36.47	24.61	335.80	0.16	63.06	63.07	0.461
50	23.32	36.03	24.65	332.44	0.17	59.13	59.14	0.525
53	20.89	35.96	25.27	272.87	0.18	55.14	55.15	0.595
56	21.18	36.10	25.30	270.26	0.19	55.17	55.18	0.595
60	19.90	35.84	25.45	256.06	0.20	56.97	56.98	0.563
63	19.28	35.92	25.67	235.26	0.20	58.81	58.82	0.531
67	18.44	35.84	25.82	221.13	0.21	60.91	60.92	0.496
70	18.20	35.77	25.83	219.80	0.22	61.45	61.45	0.487
73	17.80	35.70	25.87	216.07	0.23	61.84	61.85	0.481
78	16.82	35.57	26.01	202.81	0.24	63.11	63.12	0.460
82	16.24	35.61	26.18	187.12	0.24	63.55	63.56	0.453
85	16.05	35.62	26.23	182.31	0.25	63.64	63.65	0.452
89	15.71	35.45	26.18	187.28	0.25	64.16	64.17	0.444
92	15.14	35.50	26.35	171.57	0.26	64.57	64.58	0.437
97	14.84	35.39	26.33	173.51	0.27	64.84	64.85	0.433
102	14.62	35.45	26.42	165.00	0.28	64.99	65.00	0.431
105	14.47	35.42	26.43	163.99	0.28	65.13	65.14	0.429
109	14.13	35.34	26.44	162.97	0.29	65.25	65.27	0.427
112	13.96	35.36	26.49	158.44	0.29	65.52	65.54	0.423
116	13.84	35.38	26.53	154.47	0.30	65.57	65.58	0.422
119	13.79	35.35	26.52	155.88	0.30	65.69	65.71	0.420
124	13.59	35.33	26.55	152.98	0.31	65.74	65.76	0.419
127	13.45	35.30	26.55	153.18	0.32	65.84	65.85	0.418
131	13.38	35.27	26.54	153.75	0.32	65.91	65.93	0.417
134	13.31	35.28	26.56	152.02	0.33	65.94	65.95	0.416
138	13.29	35.28	26.57	151.28	0.33	65.91	65.93	0.417
141	13.14	35.26	26.58	150.41	0.34	66.01	66.03	0.415
144	13.09	35.26	26.60	149.07	0.34	65.94	65.95	0.416
148	13.06	35.25	26.59	149.67	0.35	66.03	66.05	0.415
151	12.97	35.25	26.61	148.13	0.35	66.06	66.08	0.414
155	12.95	35.26	26.63	146.44	0.36	66.08	66.10	0.414
160	12.87	35.24	26.62	146.63	0.37	66.03	66.05	0.415
163	12.78	35.20	26.61	148.19	0.37	66.16	66.18	0.413
166	12.68	35.23	26.66	143.90	0.38	66.18	66.20	0.413
171	12.53	35.20	26.66	143.65	0.38	66.16	66.18	0.413
175	12.47	35.19	26.66	143.18	0.39	66.18	66.20	0.413
182	12.38	35.18	26.68	142.13	0.40	66.18	66.20	0.413
185	12.28	35.15	26.67	142.68	0.40	66.18	66.20	0.413
190	12.17	35.13	26.68	142.15	0.41	66.15	66.18	0.413
193	12.13	35.16	26.71	139.27	0.41	66.13	66.15	0.413
197	12.05	35.12	26.69	141.19	0.42	66.18	66.20	0.413
200	12.02	35.14	26.71	138.95	0.42	66.13	66.15	0.413
204	11.94	35.13	26.72	138.51	0.43	66.15	66.18	0.413
209	11.87	35.09	26.70	140.23	0.44	66.15	66.18	0.413
212	11.83	35.12	26.73	137.39	0.44	66.13	66.16	0.413
217	11.77	35.08	26.71	139.33	0.45	66.11	66.13	0.414
222	11.76	35.09	26.73	138.40	0.45	66.13	66.16	0.413
226	11.69	35.12	26.76	135.20	0.46	66.18	66.21	0.413

CONGO STA 38 18-05-77 1940 DN CAST

DEPTH	TEMP	SAL	SIG-T	SVA	DELD	% TR	POT TR	POT C
232	11.62	35.08	26.74	137.10	0.47	66.11	66.13	0.414
236	11.57	35.07	26.74	137.21	0.47	66.15	66.18	0.413
239	11.56	35.06	26.73	137.82	0.48	66.15	66.18	0.413
243	11.50	35.06	26.75	136.09	0.48	66.15	66.18	0.413
248	11.41	35.07	26.77	134.35	0.49	66.15	66.18	0.413
253	11.33	35.06	26.78	133.66	0.50	66.13	66.16	0.413
256	11.29	35.08	26.81	131.35	0.50	66.10	66.14	0.414
261	11.20	35.02	26.78	134.23	0.51	66.15	66.18	0.413
266	11.15	35.05	26.80	131.87	0.51	66.20	66.23	0.412
271	11.13	35.03	26.80	132.45	0.52	66.25	66.28	0.411
275	11.03	35.01	26.80	132.67	0.52	66.25	66.28	0.411
280	11.00	35.01	26.80	132.11	0.53	66.23	66.26	0.412
283	10.89	35.03	26.84	128.59	0.54	66.25	66.28	0.411
286	10.83	34.99	26.82	130.82	0.54	66.23	66.26	0.412
290	10.79	35.00	26.83	129.63	0.54	66.27	66.31	0.411
293	10.77	35.02	26.85	127.60	0.55	66.15	66.19	0.413
297	10.71	34.97	26.82	130.34	0.55	66.15	66.19	0.413
300	10.70	34.99	26.84	128.94	0.56	66.27	66.31	0.411
303	10.66	34.98	26.84	128.76	0.56	66.20	66.24	0.412
307	10.65	34.96	26.83	129.90	0.57	66.30	66.34	0.411
312	10.56	34.94	26.82	130.51	0.57	66.25	66.29	0.411
317	10.44	34.98	26.88	125.72	0.58	66.23	66.26	0.412
324	10.34	34.94	26.86	126.98	0.59	66.30	66.34	0.411
327	10.27	34.95	26.88	125.16	0.59	66.20	66.24	0.412
330	10.19	34.93	26.88	125.36	0.60	66.32	66.36	0.410
334	10.13	34.90	26.87	126.30	0.60	66.25	66.29	0.411
341	10.02	34.95	26.92	121.37	0.61	66.27	66.31	0.411
344	10.00	34.87	26.87	126.74	0.61	66.30	66.34	0.411
349	9.94	34.89	26.90	124.10	0.62	66.27	66.32	0.411
352	9.92	34.93	26.93	120.97	0.62	66.32	66.36	0.410
356	9.88	34.89	26.90	123.68	0.63	66.35	66.39	0.410
359	9.85	34.91	26.93	121.61	0.63	66.37	66.41	0.409
364	9.78	34.86	26.90	123.75	0.64	66.35	66.39	0.410
368	9.74	34.88	26.92	122.20	0.64	66.39	66.44	0.409
371	9.69	34.89	26.94	120.65	0.65	66.35	66.39	0.410
374	9.63	34.88	26.94	120.66	0.65	66.37	66.42	0.409
378	9.60	34.87	26.94	120.24	0.65	66.35	66.39	0.410
383	9.54	34.85	26.93	121.42	0.66	66.32	66.37	0.410
390	9.41	34.83	26.94	120.51	0.67	66.32	66.37	0.410
393	9.33	34.81	26.93	121.13	0.67	66.42	66.47	0.409
396	9.29	34.86	26.98	117.00	0.68	66.42	66.47	0.409
401	9.16	34.82	26.97	117.73	0.68	66.32	66.37	0.410
405	9.11	34.84	27.00	115.24	0.69	66.42	66.47	0.409
410	9.09	34.81	26.98	117.16	0.69	66.42	66.47	0.409
413	9.00	34.81	26.99	115.77	0.70	66.42	66.47	0.409
417	8.96	34.77	26.97	118.17	0.70	66.44	66.49	0.408
422	8.89	34.78	26.99	116.37	0.71	66.44	66.49	0.408
425	8.86	34.81	27.01	113.87	0.71	66.42	66.47	0.409
428	8.77	34.77	27.00	115.36	0.71	66.47	66.52	0.408
432	8.69	34.79	27.03	112.47	0.72	66.49	66.54	0.407
435	8.64	34.75	27.00	115.01	0.72	66.44	66.49	0.408
440	8.60	34.75	27.01	114.32	0.73	66.47	66.52	0.408
445	8.51	34.72	27.00	115.47	0.73	66.49	66.54	0.407
450	8.39	34.76	27.05	110.76	0.74	66.54	66.59	0.407
457	8.33	34.70	27.01	114.19	0.75	66.51	66.57	0.407
462	8.23	34.70	27.03	112.76	0.75	66.44	66.50	0.408
466	8.18	34.69	27.02	113.21	0.76	66.49	66.55	0.407

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DEPTH	TEMP	SAL	SIG-T	SVA	DELD	% TR	POT TR	POT C
471	8.14	34.68	27.02	113.20	0.76	66.49	66.55	0.407
476	8.08	34.70	27.04	111.12	0.77	66.51	66.57	0.407
481	8.02	34.77	27.11	105.08	0.77	66.56	66.62	0.406
484	7.95	34.71	27.07	108.51	0.78	66.64	66.69	0.405
488	7.92	34.69	27.06	109.48	0.78	66.56	66.62	0.406
491	7.90	34.70	27.07	108.74	0.78	66.54	66.60	0.407
494	7.87	34.71	27.08	107.48	0.79	66.64	66.70	0.405
499	7.73	34.68	27.08	107.81	0.79	66.61	66.67	0.406
504	7.65	34.69	27.11	105.44	0.80	66.64	66.70	0.405
508	7.61	34.66	27.08	107.67	0.80	66.68	66.75	0.404
511	7.55	34.66	27.10	106.18	0.81	66.56	66.62	0.406
515	7.52	34.66	27.10	106.10	0.81	66.71	66.77	0.404
518	7.48	34.65	27.10	106.11	0.81	66.73	66.80	0.404
521	7.40	34.66	27.12	104.40	0.82	66.73	66.80	0.404
525	7.39	34.67	27.13	103.57	0.82	66.73	66.80	0.404
530	7.34	34.64	27.11	105.53	0.82	66.66	66.72	0.405
535	7.28	34.63	27.11	104.77	0.83	66.73	66.80	0.404
538	7.26	34.67	27.14	102.33	0.83	66.78	66.85	0.403
543	7.21	34.62	27.11	104.91	0.84	66.73	66.80	0.404
548	7.14	34.65	27.14	102.10	0.84	66.78	66.85	0.403
552	7.10	34.64	27.14	102.23	0.85	66.81	66.87	0.402
557	7.00	34.60	27.12	103.87	0.85	66.83	66.90	0.402
560	6.94	34.59	27.12	103.69	0.86	66.76	66.82	0.403
564	6.91	34.64	27.17	99.80	0.86	66.78	66.85	0.403
569	6.86	34.62	27.16	100.71	0.86	66.83	66.90	0.402
574	6.79	34.63	27.18	98.50	0.87	66.81	66.87	0.402
577	6.77	34.61	27.16	100.16	0.87	66.83	66.90	0.402
580	6.75	34.63	27.18	98.37	0.88	66.76	66.83	0.403
584	6.69	34.62	27.18	98.28	0.88	66.83	66.90	0.402
587	6.67	34.61	27.18	98.80	0.88	66.76	66.83	0.403
591	6.64	34.58	27.16	100.67	0.89	66.76	66.83	0.403
596	6.61	34.59	27.17	99.66	0.89	66.76	66.83	0.403
599	6.54	34.58	27.17	99.27	0.90	66.85	66.93	0.402
602	6.47	34.56	27.16	100.09	0.90	66.80	66.88	0.402
607	6.44	34.57	27.18	98.67	0.90	66.88	66.95	0.401
613	6.37	34.57	27.18	98.24	0.91	66.83	66.90	0.402
616	6.35	34.56	27.18	98.80	0.91	66.88	66.95	0.401
621	6.28	34.52	27.16	100.47	0.92	66.83	66.90	0.402
626	6.22	34.55	27.19	97.81	0.92	66.85	66.93	0.402
629	6.22	34.56	27.20	96.80	0.93	66.90	66.98	0.401
635	6.19	34.55	27.20	96.99	0.93	66.88	66.95	0.401
638	6.14	34.55	27.20	96.37	0.93	66.88	66.95	0.401
643	6.05	34.51	27.18	98.38	0.94	66.90	66.98	0.401
646	5.98	34.56	27.23	93.57	0.94	66.90	66.98	0.401
650	5.96	34.54	27.21	95.36	0.94	66.95	67.03	0.400
653	5.93	34.50	27.19	97.38	0.95	66.95	67.03	0.400
656	5.89	34.53	27.22	94.94	0.95	66.97	67.05	0.400
662	5.85	34.54	27.23	93.79	0.96	66.95	67.03	0.400
665	5.82	34.53	27.22	94.43	0.96	66.90	66.98	0.401
668	5.81	34.54	27.24	93.16	0.96	66.88	66.96	0.401
672	5.75	34.53	27.23	93.37	0.97	66.95	67.03	0.400
675	5.72	34.51	27.22	94.27	0.97	66.93	67.01	0.400
678	5.68	34.51	27.22	94.24	0.97	66.92	67.01	0.400
682	5.63	34.52	27.24	92.56	0.97	66.90	66.98	0.401
685	5.60	34.51	27.24	93.00	0.98	66.88	66.96	0.401
690	5.54	34.50	27.24	92.88	0.98	66.92	67.01	0.400
694	5.51	34.52	27.25	91.46	0.99	66.88	66.96	0.401

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DEPTH	TEMP	SAL	SIG-T	SVA	DELD	% TR	POT TR	POT C
704	5.45	34.50	27.25	91.61	0.99	66.97	67.06	0.400
714	5.39	34.50	27.26	91.28	1.00	66.95	67.04	0.400
724	5.27	34.50	27.27	90.00	1.01	66.90	66.99	0.401
734	5.22	34.47	27.25	91.89	1.02	66.95	67.04	0.400
744	5.15	34.47	27.26	90.73	1.03	66.97	67.06	0.400
756	5.10	34.48	27.27	89.60	1.04	66.92	67.02	0.400
766	5.04	34.48	27.28	88.66	1.05	66.95	67.04	0.400
778	4.98	34.50	27.30	86.96	1.06	67.00	67.09	0.399
791	4.92	34.47	27.28	88.62	1.07	66.92	67.02	0.400
802	4.84	34.50	27.32	85.45	1.08	66.92	67.02	0.400
812	4.83	34.50	27.32	85.06	1.09	67.00	67.09	0.399
824	4.74	34.49	27.33	84.71	1.10	67.00	67.10	0.399
835	4.67	34.48	27.33	84.76	1.11	66.97	67.07	0.400
845	4.64	34.48	27.32	84.94	1.12	66.99	67.10	0.399
856	4.58	34.48	27.33	84.47	1.13	66.99	67.10	0.399
866	4.53	34.49	27.35	82.90	1.14	66.99	67.10	0.399
877	4.49	34.48	27.34	83.53	1.15	66.95	67.05	0.400
888	4.46	34.48	27.35	82.57	1.15	66.97	67.08	0.399
898	4.44	34.48	27.35	82.91	1.16	66.92	67.03	0.400
908	4.40	34.50	27.37	80.62	1.17	66.90	67.01	0.400
920	4.36	34.49	27.37	81.23	1.18	66.99	67.11	0.399
930	4.33	34.48	27.36	81.55	1.19	66.99	67.11	0.399
940	4.31	34.53	27.40	78.26	1.20	66.94	67.06	0.400
952	4.28	34.53	27.41	77.32	1.21	66.90	67.01	0.400
963	4.26	34.55	27.43	75.68	1.21	66.94	67.06	0.400
974	4.26	34.57	27.44	74.92	1.22	66.99	67.11	0.399
985	4.25	34.57	27.44	74.59	1.23	66.97	67.09	0.399
997	4.23	34.56	27.44	75.02	1.24	66.92	67.04	0.400
1009	4.21	34.60	27.47	72.16	1.25	66.99	67.11	0.399
1021	4.19	34.56	27.44	75.04	1.26	66.94	67.07	0.400
1031	4.16	34.61	27.48	71.23	1.26	66.99	67.12	0.399
1043	4.13	34.63	27.50	69.54	1.27	67.02	67.14	0.398
1054	4.10	34.61	27.49	70.64	1.28	67.02	67.14	0.398
1065	4.10	34.62	27.50	69.91	1.29	66.99	67.12	0.399
1075	4.09	34.59	27.47	72.40	1.30	67.02	67.15	0.398
1086	4.08	34.61	27.49	70.37	1.30	67.04	67.17	0.398
1097	4.07	34.65	27.52	67.52	1.31	66.97	67.10	0.399
1107	4.06	34.64	27.52	68.36	1.32	67.04	67.17	0.398
1117	4.07	34.65	27.52	67.69	1.32	66.94	67.08	0.399
1127	4.06	34.67	27.54	66.05	1.33	66.97	67.10	0.399
1137	4.05	34.63	27.51	69.27	1.34	67.01	67.15	0.398
1147	4.04	34.67	27.54	66.44	1.34	66.94	67.08	0.399
1157	4.05	34.66	27.53	67.31	1.35	66.99	67.13	0.399
1167	4.03	34.72	27.58	62.40	1.36	67.01	67.16	0.398
1177	4.03	34.70	27.56	64.47	1.36	66.94	67.08	0.399
1188	4.02	34.74	27.60	60.76	1.37	66.99	67.13	0.399
1199	4.02	34.74	27.60	61.27	1.38	66.96	67.11	0.399
1211	4.01	34.75	27.61	60.17	1.39	66.94	67.09	0.399
1226	4.00	34.76	27.62	59.52	1.39	67.01	67.16	0.398
1238	3.99	34.75	27.61	60.86	1.40	66.99	67.14	0.399
1250	3.98	34.78	27.64	58.08	1.41	66.94	67.09	0.399
1260	3.98	34.78	27.63	58.50	1.41	66.91	67.07	0.400
1270	3.97	34.79	27.64	57.67	1.42	66.96	67.12	0.399
1282	3.95	34.80	27.65	56.90	1.43	66.91	67.07	0.400
1294	3.95	34.81	27.66	56.21	1.43	67.01	67.17	0.398
1304	3.94	34.80	27.65	57.01	1.44	66.99	67.15	0.398
1314	3.94	34.81	27.66	56.23	1.44	66.96	67.12	0.399

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DEPTH	TEMP	SAL	SIG-T	SVA	DELD	% TR	POT TR	POT C
1324	3.95	34.81	27.66	56.36	1.45	66.99	67.15	0.398
1334	3.95	34.83	27.68	55.15	1.46	66.86	67.03	0.400
1344	3.94	34.83	27.68	55.17	1.46	66.89	67.05	0.400
1354	3.94	34.83	27.68	55.21	1.47	66.91	67.08	0.399
1364	3.92	34.82	27.67	55.54	1.47	66.79	66.96	0.401
1374	3.91	34.84	27.69	53.96	1.48	66.86	67.03	0.400
1385	3.91	34.85	27.70	53.17	1.48	66.96	67.13	0.399
1395	3.90	34.86	27.71	52.31	1.49	66.96	67.13	0.399
1405	3.88	34.88	27.73	50.97	1.49	66.89	67.06	0.400
1415	3.88	34.87	27.72	51.45	1.50	66.91	67.08	0.399
1427	3.87	34.87	27.72	51.54	1.51	66.91	67.09	0.399
1438	3.86	34.87	27.72	51.98	1.51	66.89	67.06	0.400
1450	3.84	34.88	27.73	51.17	1.52	66.94	67.11	0.399
1462	3.84	34.89	27.73	50.49	1.52	66.89	67.06	0.400
1472	3.83	34.90	27.74	49.62	1.53	66.89	67.07	0.400
1482	3.82	34.90	27.75	49.64	1.53	66.94	67.12	0.399
1494	3.80	34.90	27.75	49.64	1.54	66.89	67.07	0.400
1504	3.79	34.91	27.76	48.76	1.54	66.84	67.02	0.400
1517	3.78	34.90	27.75	48.95	1.55	66.91	67.09	0.399
1528	3.78	34.90	27.76	48.96	1.56	66.91	67.10	0.399
1538	3.77	34.91	27.76	48.52	1.56	66.89	67.07	0.400
1549	3.77	34.88	27.73	51.03	1.57	66.86	67.05	0.400
1561	3.76	34.90	27.75	49.50	1.57	66.86	67.05	0.400
1573	3.74	34.92	27.77	47.49	1.58	66.88	67.08	0.399
1585	3.73	34.91	27.77	48.34	1.58	66.84	67.03	0.400
1595	3.72	34.92	27.77	47.91	1.59	66.86	67.05	0.400
1608	3.72	34.91	27.77	48.08	1.59	66.84	67.03	0.400
1620	3.70	34.92	27.78	47.29	1.60	66.91	67.11	0.399
1632	3.69	34.91	27.77	48.17	1.61	66.88	67.08	0.399
1642	3.68	34.92	27.77	47.74	1.61	66.86	67.06	0.400
1654	3.68	35.05	27.88	38.05	1.62	66.83	67.04	0.400
1664	3.67	34.94	27.79	46.13	1.62	66.81	67.01	0.400
1677	3.66	34.91	27.77	48.34	1.63	66.86	67.06	0.400
1687	3.65	34.93	27.79	46.70	1.63	66.88	67.09	0.399
1699	3.63	34.91	27.78	47.92	1.64	66.79	66.99	0.401
1709	3.62	34.95	27.81	45.04	1.64	66.81	67.02	0.400
1722	3.61	34.92	27.78	47.61	1.65	66.78	66.99	0.401
1733	3.59	34.95	27.81	44.68	1.65	66.83	67.04	0.400
1743	3.58	34.91	27.78	47.45	1.66	66.81	67.02	0.400
1753	3.57	34.90	27.77	48.67	1.66	66.78	67.00	0.401
1763	3.56	34.91	27.78	47.83	1.67	66.78	67.00	0.401
1775	3.54	34.94	27.81	45.38	1.67	66.81	67.02	0.400
1786	3.54	34.92	27.79	47.11	1.68	66.78	67.00	0.401
1798	3.52	34.95	27.81	44.64	1.68	66.73	66.95	0.401
1808	3.52	34.93	27.80	46.35	1.69	66.81	67.03	0.400
1818	3.51	34.93	27.80	46.36	1.69	66.81	67.03	0.400
1828	3.50	34.94	27.81	45.48	1.70	66.83	67.05	0.400
1838	3.48	34.93	27.81	45.37	1.70	66.81	67.03	0.400
1850	3.47	34.96	27.83	43.81	1.71	66.76	66.98	0.401
1860	3.46	34.93	27.80	45.81	1.71	66.71	66.94	0.402
1870	3.46	34.96	27.83	43.38	1.72	66.71	66.94	0.402
1880	3.45	34.95	27.82	44.16	1.72	66.68	66.91	0.402
1892	3.44	34.94	27.81	45.00	1.73	66.73	66.96	0.401
1904	3.42	34.95	27.82	44.23	1.73	66.76	66.99	0.401
1914	3.42	34.94	27.82	44.70	1.73	66.78	67.01	0.400
1926	3.40	34.94	27.82	44.70	1.74	66.73	66.97	0.401
1936	3.40	34.97	27.85	42.28	1.74	66.71	66.94	0.401

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DEPTH	TEMP	SAL	SIG-T	SVA	DELD	% TR	POT TR	POT C
1948	3.38	34.93	27.82	45.09	1.75	66.73	66.97	0.401
1958	3.36	34.96	27.84	42.62	1.75	66.71	66.95	0.401
1969	3.36	34.93	27.82	45.07	1.76	66.66	66.90	0.402
1979	3.35	34.94	27.83	44.25	1.76	66.71	66.95	0.401
1989	3.33	34.95	27.84	42.96	1.77	66.71	66.95	0.401
2000	3.33	34.93	27.82	44.57	1.77	66.68	66.93	0.402
2010	3.32	34.93	27.82	44.57	1.78	66.68	66.93	0.402
2020	3.31	34.93	27.82	44.94	1.78	66.68	66.93	0.402
2031	3.28	34.96	27.85	42.09	1.79	66.71	66.95	0.401
2043	3.27	34.94	27.83	43.75	1.79	66.66	66.91	0.402
2053	3.27	34.95	27.84	42.94	1.80	66.71	66.96	0.401
2063	3.25	34.93	27.83	44.08	1.80	66.63	66.88	0.402
2073	3.24	34.92	27.82	44.88	1.80	66.73	66.98	0.401
2083	3.23	34.96	27.85	42.02	1.81	66.68	66.94	0.402
2095	3.21	34.94	27.84	43.19	1.81	66.66	66.91	0.402
2105	3.20	34.91	27.82	45.21	1.82	66.71	66.96	0.401
2117	3.20	34.94	27.84	42.89	1.82	66.66	66.91	0.402
2127	3.19	34.95	27.85	42.84	1.83	66.63	66.89	0.402
2137	3.17	34.94	27.85	42.76	1.83	66.68	66.94	0.401
2147	3.17	34.94	27.84	43.18	1.84	66.66	66.92	0.402
2157	3.17	34.92	27.82	44.85	1.84	66.70	66.97	0.401
2167	3.15	34.95	27.86	41.90	1.85	66.61	66.87	0.403
2181	3.14	34.94	27.85	42.81	1.85	66.63	66.90	0.402
2191	3.14	34.96	27.86	41.61	1.86	66.68	66.95	0.401
2201	3.13	34.92	27.83	43.99	1.86	66.66	66.92	0.402
2211	3.12	34.93	27.84	43.57	1.86	66.68	66.95	0.401
2224	3.11	34.92	27.83	44.51	1.87	66.63	66.90	0.402
2234	3.10	34.92	27.83	44.08	1.87	66.63	66.90	0.402
2244	3.09	34.93	27.84	43.23	1.88	66.68	66.95	0.401
2254	3.08	34.93	27.84	43.18	1.88	66.56	66.83	0.403
2266	3.07	34.95	27.86	41.63	1.89	66.58	66.86	0.403
2276	3.06	34.95	27.86	41.96	1.89	66.61	66.88	0.402
2288	3.05	34.93	27.85	42.82	1.90	66.63	66.91	0.402
2298	3.04	34.91	27.83	44.76	1.90	66.58	66.86	0.403
2310	3.03	34.93	27.85	42.83	1.91	66.65	66.94	0.402
2321	3.03	34.91	27.83	44.49	1.91	66.60	66.89	0.402
2332	3.02	34.91	27.84	44.07	1.92	66.63	66.91	0.402
2343	3.00	34.96	27.87	40.82	1.92	66.58	66.87	0.403
2355	3.00	34.92	27.85	43.30	1.93	66.63	66.92	0.402
2367	2.98	34.95	27.87	41.32	1.93	66.51	66.80	0.404
2380	2.97	34.91	27.84	44.20	1.94	66.60	66.89	0.402
2390	2.96	34.97	27.88	39.73	1.94	66.60	66.90	0.402
2400	2.94	34.91	27.84	43.70	1.95	66.63	66.92	0.402
2410	2.93	34.92	27.85	43.29	1.95	66.60	66.90	0.402
2422	2.93	34.93	27.86	42.13	1.95	66.58	66.87	0.402
2434	2.92	34.94	27.86	41.76	1.96	66.55	66.85	0.403
2444	2.90	34.93	27.86	42.13	1.96	66.60	66.90	0.402
2454	2.90	34.92	27.86	42.53	1.97	66.58	66.88	0.402
2466	2.90	34.94	27.86	41.76	1.97	66.55	66.85	0.403
2479	2.89	34.94	27.87	41.03	1.98	66.55	66.86	0.403
2489	2.88	34.95	27.88	40.58	1.98	66.48	66.78	0.404
2499	2.88	34.94	27.87	41.00	1.99	66.58	66.88	0.402
2511	2.88	34.91	27.84	43.88	1.99	66.55	66.86	0.403
2522	2.86	34.94	27.87	41.49	2.00	66.53	66.84	0.403
2534	2.85	34.92	27.86	42.31	2.00	66.48	66.79	0.404
2544	2.84	34.95	27.88	40.68	2.01	66.58	66.89	0.402
2554	2.84	34.96	27.89	39.42	2.01	66.58	66.89	0.402

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DEPTH	TEMP	SAL	SIG-T	SVA	DELD	% TR	POT TR	POT C
2564	2.84	34.91	27.85	43.43	2.01	66.45	66.77	0.404
2574	2.83	34.91	27.85	43.43	2.02	66.50	66.82	0.403
2584	2.83	34.95	27.88	40.58	2.02	66.53	66.84	0.403
2594	2.82	34.90	27.84	44.16	2.03	66.48	66.80	0.404
2605	2.82	34.91	27.85	42.96	2.03	66.45	66.77	0.404
2615	2.80	34.94	27.88	40.87	2.04	66.55	66.87	0.403
2626	2.80	34.92	27.86	42.52	2.04	66.48	66.80	0.404
2636	2.79	34.91	27.85	43.31	2.04	66.45	66.78	0.404
2646	2.78	34.93	27.87	41.66	2.05	66.50	66.83	0.403
2656	2.78	34.90	27.84	44.05	2.05	66.50	66.83	0.403
2666	2.77	34.90	27.85	43.61	2.06	66.43	66.75	0.404
2676	2.76	34.90	27.85	43.60	2.06	66.48	66.80	0.404
2686	2.77	34.91	27.85	43.20	2.07	66.50	66.83	0.403
2697	2.76	34.92	27.86	42.33	2.07	66.40	66.73	0.405
2707	2.75	34.90	27.85	43.50	2.08	66.43	66.76	0.404
2717	2.75	34.90	27.85	43.49	2.08	66.45	66.78	0.404
2727	2.75	34.93	27.87	41.46	2.08	66.45	66.79	0.404
2737	2.74	34.94	27.88	41.01	2.09	66.40	66.74	0.405
2747	2.73	34.91	27.86	42.98	2.09	66.48	66.81	0.403
2757	2.73	34.91	27.86	42.58	2.10	66.43	66.76	0.404
2768	2.72	34.94	27.88	41.01	2.10	66.40	66.74	0.404
2782	2.71	34.91	27.86	43.07	2.11	66.45	66.79	0.404
2794	2.70	34.93	27.88	41.50	2.11	66.40	66.74	0.404
2804	2.71	34.90	27.85	43.51	2.12	66.45	66.79	0.404
2814	2.70	34.91	27.86	43.05	2.12	66.45	66.79	0.404
2825	2.70	34.88	27.84	44.69	2.13	66.43	66.77	0.404
2837	2.69	34.94	27.89	40.33	2.13	66.40	66.75	0.404
2847	2.68	34.91	27.87	42.25	2.13	66.45	66.80	0.404
2859	2.67	34.94	27.89	40.65	2.14	66.38	66.73	0.405
2869	2.66	34.94	27.89	40.21	2.14	66.35	66.70	0.405
2879	2.66	34.90	27.86	43.00	2.15	66.42	66.78	0.404
2889	2.65	34.92	27.87	41.80	2.15	66.35	66.71	0.405
2899	2.65	34.88	27.84	44.57	2.16	66.40	66.75	0.404
2909	2.63	34.90	27.86	43.32	2.16	66.30	66.66	0.406
2919	2.64	34.90	27.86	43.32	2.17	66.33	66.68	0.405
2929	2.63	34.92	27.88	41.64	2.17	66.38	66.73	0.405
2939	2.64	34.91	27.87	42.45	2.17	66.38	66.73	0.405
2949	2.63	34.93	27.89	40.79	2.18	66.42	66.78	0.404
2961	2.63	34.91	27.87	42.42	2.18	66.37	66.74	0.405
2971	2.62	34.91	27.87	42.40	2.19	66.37	66.74	0.405
2981	2.62	34.91	27.87	42.37	2.19	66.35	66.71	0.405
2991	2.62	34.89	27.85	43.92	2.20	66.30	66.67	0.406
3001	2.61	34.93	27.89	41.13	2.20	66.37	66.74	0.404
3011	2.61	34.91	27.87	42.22	2.20	66.33	66.69	0.405
3021	2.61	34.87	27.84	45.44	2.21	66.30	66.67	0.406
3031	2.61	34.89	27.85	44.24	2.21	66.33	66.70	0.405
3041	2.59	34.88	27.85	44.57	2.22	66.28	66.65	0.406
3051	2.60	34.90	27.87	42.94	2.22	66.32	66.70	0.405
3063	2.58	34.91	27.88	42.14	2.23	66.32	66.70	0.405
3074	2.58	34.87	27.84	44.98	2.23	66.37	66.75	0.404
3084	2.58	34.89	27.86	43.75	2.24	66.28	66.65	0.406
3094	2.58	34.90	27.87	42.89	2.24	66.32	66.70	0.405
3104	2.57	34.90	27.87	42.89	2.24	66.30	66.68	0.405
3114	2.56	34.91	27.87	42.40	2.25	66.25	66.63	0.406
3126	2.56	34.93	27.89	41.21	2.25	66.27	66.66	0.406
3136	2.56	34.89	27.86	43.55	2.26	66.25	66.63	0.406
3153	2.56	34.87	27.84	45.40	2.27	66.32	66.71	0.405

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DEPTH	TEMP	SAL	SIG-T	SVA	DELD	% TR	POT TR	POT C
3163	2.55	34.91	27.87	42.58	2.27	66.30	66.69	0.405
3173	2.54	34.89	27.86	43.70	2.27	66.30	66.69	0.405
3184	2.54	34.90	27.87	42.94	2.28	66.30	66.69	0.405
3194	2.54	34.91	27.88	42.12	2.28	66.27	66.66	0.406
3206	2.54	34.93	27.89	41.33	2.29	66.22	66.62	0.406
3216	2.53	34.90	27.87	43.24	2.29	66.27	66.67	0.406
3228	2.54	34.90	27.87	42.94	2.30	66.18	66.57	0.407
3238	2.53	34.89	27.86	43.66	2.30	66.27	66.67	0.406
3248	2.53	34.91	27.87	42.83	2.31	66.25	66.65	0.406
3260	2.53	34.92	27.88	42.05	2.31	66.22	66.62	0.406
3270	2.53	34.91	27.88	42.43	2.32	66.20	66.60	0.407
3280	2.52	34.92	27.88	41.95	2.32	66.22	66.63	0.406
3290	2.52	34.88	27.85	44.72	2.32	66.27	66.67	0.405
3301	2.51	34.90	27.87	43.14	2.33	66.22	66.63	0.406
3313	2.51	34.91	27.88	42.34	2.33	66.22	66.63	0.406
3325	2.51	34.91	27.88	42.77	2.34	66.22	66.63	0.406
3335	2.50	34.91	27.88	42.33	2.34	66.17	66.58	0.407
3345	2.50	34.91	27.88	42.28	2.35	66.17	66.58	0.407
3355	2.50	34.90	27.88	43.06	2.35	66.22	66.63	0.406
3365	2.50	34.89	27.86	44.20	2.36	66.20	66.61	0.406
3376	2.49	34.91	27.88	42.62	2.36	66.20	66.61	0.406
3388	2.49	34.92	27.89	41.84	2.37	66.17	66.59	0.407
3398	2.48	34.89	27.86	44.17	2.37	66.15	66.57	0.407
3408	2.48	34.89	27.86	44.12	2.38	66.15	66.57	0.407
3418	2.47	34.90	27.88	42.90	2.38	66.12	66.54	0.407
3428	2.47	34.92	27.89	42.05	2.38	66.17	66.59	0.407
3438	2.46	34.91	27.88	42.77	2.39	66.05	66.47	0.408
3448	2.46	34.92	27.89	41.96	2.39	66.20	66.62	0.406
3458	2.46	34.90	27.87	43.49	2.40	66.07	66.50	0.408
3468	2.46	34.90	27.87	43.44	2.40	66.10	66.52	0.408
3478	2.45	34.87	27.85	45.38	2.41	66.10	66.53	0.408
3488	2.45	34.90	27.87	43.36	2.41	66.07	66.50	0.408
3500	2.44	34.92	27.90	41.35	2.41	66.12	66.55	0.407
3510	2.44	34.90	27.88	43.27	2.42	66.07	66.50	0.408
3520	2.44	34.92	27.89	42.03	2.42	66.12	66.55	0.407
3531	2.43	34.90	27.88	42.80	2.43	66.12	66.56	0.407
3541	2.43	34.89	27.87	43.61	2.43	66.07	66.51	0.408
3551	2.43	34.91	27.89	42.34	2.44	66.10	66.53	0.408
3561	2.42	34.90	27.88	43.06	2.44	66.07	66.51	0.408
3573	2.42	34.89	27.87	43.88	2.45	66.05	66.49	0.408
3585	2.42	34.91	27.88	42.73	2.45	66.10	66.54	0.408
3595	2.41	34.91	27.89	42.63	2.46	66.05	66.49	0.408
3606	2.41	34.89	27.87	43.85	2.46	66.05	66.49	0.408
3618	2.40	34.92	27.90	41.49	2.47	66.02	66.47	0.409
3628	2.40	34.87	27.86	45.36	2.47	65.97	66.42	0.409
3638	2.41	34.91	27.89	42.61	2.47	66.07	66.52	0.408
3650	2.39	34.92	27.90	41.78	2.48	66.00	66.45	0.409
3661	2.39	34.88	27.87	44.56	2.48	66.00	66.45	0.409
3671	2.39	34.88	27.87	44.50	2.49	65.95	66.40	0.410
3681	2.39	34.89	27.88	43.66	2.49	66.00	66.45	0.409
3691	2.39	34.91	27.89	42.40	2.50	65.95	66.40	0.410
3703	2.39	34.88	27.86	44.84	2.50	66.00	66.45	0.409
3713	2.39	34.87	27.86	45.55	2.51	66.00	66.45	0.409
3723	2.39	34.86	27.85	45.92	2.51	65.95	66.41	0.409
3733	2.38	34.90	27.88	43.08	2.52	65.92	66.38	0.410
3743	2.39	34.89	27.87	44.22	2.52	66.00	66.46	0.409
3753	2.38	34.91	27.89	42.58	2.52	65.95	66.41	0.409

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DEPTH	TEMP	SAL	SIG-T	SVA	DELD	% TR	POT TR	POT C
3763	2.37	34.88	27.87	44.84	2.53	65.95	66.41	0.409
3773	2.38	34.89	27.87	44.43	2.53	65.97	66.44	0.409
3783	2.37	34.92	27.90	42.01	2.54	65.95	66.41	0.409
3793	2.38	34.89	27.88	43.93	2.54	65.92	66.39	0.410
3805	2.38	34.92	27.90	41.95	2.55	65.92	66.39	0.410
3815	2.37	34.91	27.89	43.08	2.55	65.95	66.42	0.409
3825	2.37	34.90	27.88	43.44	2.56	65.92	66.39	0.410
3835	2.37	34.90	27.89	43.37	2.56	65.92	66.39	0.410
3845	2.37	34.90	27.88	43.72	2.56	65.95	66.42	0.409
3856	2.36	34.89	27.87	44.48	2.57	65.92	66.40	0.410
3866	2.36	34.89	27.88	44.06	2.57	65.92	66.40	0.410
3876	2.36	34.89	27.88	44.00	2.58	65.95	66.42	0.409
3888	2.36	34.89	27.88	44.39	2.58	65.90	66.37	0.410
3899	2.36	34.90	27.88	44.01	2.59	65.87	66.35	0.410
3911	2.36	34.88	27.87	45.18	2.59	65.95	66.43	0.409
3921	2.36	34.88	27.86	45.54	2.60	65.90	66.38	0.410
3931	2.36	34.89	27.87	44.74	2.60	65.87	66.36	0.410
3943	2.36	34.88	27.87	45.48	2.61	65.85	66.33	0.411
3954	2.36	34.89	27.88	44.31	2.61	65.92	66.41	0.409
3964	2.36	34.90	27.89	43.88	2.62	65.85	66.33	0.411
3976	2.35	34.91	27.89	43.42	2.62	65.85	66.34	0.411
3986	2.35	34.87	27.86	46.13	2.63	65.87	66.36	0.410
3996	2.36	34.86	27.85	46.89	2.63	65.87	66.36	0.410
4006	2.36	34.89	27.88	44.90	2.64	65.85	66.34	0.411
4016	2.36	34.90	27.88	44.45	2.64	65.85	66.34	0.410
4026	2.36	34.90	27.88	44.37	2.65	65.85	66.34	0.410
4036	2.35	34.88	27.87	45.48	2.65	65.87	66.37	0.410
4046	2.35	34.89	27.88	44.64	2.65	65.80	66.29	0.411
4056	2.35	34.92	27.90	42.63	2.66	65.80	66.30	0.411
4067	2.36	34.88	27.87	45.78	2.66	65.82	66.32	0.411
4077	2.37	34.87	27.86	46.96	2.67	65.85	66.35	0.410
4087	2.36	34.91	27.89	44.11	2.67	65.75	66.25	0.412
4097	2.36	34.89	27.87	45.57	2.68	65.77	66.28	0.411
4107	2.36	34.90	27.88	44.78	2.68	65.58	66.08	0.414
4117	2.36	34.89	27.88	45.12	2.69	65.72	66.23	0.412
4129	2.36	34.89	27.88	45.49	2.69	65.77	66.28	0.411
4139	2.36	34.92	27.90	43.49	2.70	65.77	66.28	0.411
4151	2.35	34.90	27.89	44.60	2.70	65.70	66.21	0.412
4161	2.35	34.90	27.88	44.97	2.71	65.72	66.23	0.412
4172	2.35	34.91	27.89	44.18	2.71	65.70	66.21	0.412
4182	2.36	34.90	27.88	44.90	2.72	65.75	66.26	0.412
4194	2.36	34.88	27.87	46.50	2.72	65.72	66.24	0.412
4204	2.36	34.91	27.89	44.50	2.73	65.77	66.29	0.411
4214	2.36	34.87	27.86	47.57	2.73	65.75	66.26	0.412
4224	2.36	34.90	27.88	45.57	2.73	65.75	66.27	0.412
4235	2.36	34.86	27.85	48.28	2.74	65.72	66.24	0.412
4249	2.37	34.90	27.88	45.66	2.75	65.72	66.24	0.412
4259	2.36	34.86	27.86	47.88	2.75	65.67	66.20	0.413
4268	2.37	34.86	27.85	48.65	2.76	65.72	66.25	0.412
4278	2.36	34.87	27.86	47.41	2.76	65.72	66.25	0.412
4290	2.36	34.88	27.87	46.60	2.77	65.72	66.25	0.412
4300	2.36	34.88	27.87	46.93	2.77	65.67	66.20	0.413
4312	2.36	34.90	27.88	45.74	2.78	65.65	66.18	0.413
4323	2.36	34.91	27.89	44.94	2.78	65.72	66.25	0.412
4333	2.36	34.88	27.87	46.85	2.79	65.62	66.16	0.413
4345	2.37	34.87	27.86	47.65	2.79	65.67	66.21	0.413
4355	2.36	34.89	27.88	46.37	2.80	65.67	66.21	0.413

CONGO STA 38 18-05-77 1940 DN CAST

DEPTH	TEMP	SAL	SIG-T	SVA	DELD	% TR	POT TR	POT C
4366	2.36	34.89	27.87	46.77	2.80	65.67	66.21	0.412
4380	2.36	34.90	27.88	46.08	2.81	65.67	66.21	0.412
4390	2.37	34.89	27.88	46.79	2.81	65.62	66.16	0.413
4401	2.37	34.88	27.87	47.60	2.82	65.57	66.11	0.414
4413	2.36	34.90	27.89	45.98	2.82	65.62	66.16	0.413
4423	2.37	34.86	27.85	49.43	2.83	65.55	66.09	0.414
4435	2.37	34.87	27.86	48.69	2.83	65.60	66.14	0.413
4445	2.37	34.90	27.88	46.29	2.84	65.62	66.17	0.413
4454	2.37	34.90	27.88	46.55	2.84	65.60	66.14	0.413
4464	2.37	34.87	27.86	48.46	2.85	65.55	66.10	0.414
4476	2.37	34.91	27.89	46.13	2.85	65.60	66.15	0.413
4486	2.37	34.88	27.87	47.98	2.86	65.57	66.12	0.414
4496	2.38	34.89	27.87	47.57	2.86	65.55	66.10	0.414
4506	2.36	34.90	27.88	46.64	2.87	65.60	66.15	0.413
4516	2.37	34.87	27.86	48.96	2.87	65.47	66.03	0.415
4526	2.37	34.90	27.88	46.56	2.88	65.55	66.10	0.414
4536	2.37	34.90	27.88	46.86	2.88	65.57	66.13	0.414
4547	2.38	34.87	27.86	49.22	2.89	65.52	66.08	0.414
4559	2.37	34.87	27.86	49.22	2.89	65.50	66.06	0.415
4571	2.38	34.87	27.86	48.84	2.90	65.52	66.08	0.414
4581	2.38	34.88	27.87	48.38	2.90	65.55	66.11	0.414
4594	2.38	34.85	27.84	50.70	2.91	65.45	66.01	0.415
4605	2.37	34.88	27.87	48.40	2.92	65.50	66.06	0.415
4617	2.38	34.87	27.86	49.15	2.92	65.47	66.04	0.415
4627	2.38	34.90	27.88	47.15	2.93	65.52	66.09	0.414
4637	2.38	34.88	27.86	49.01	2.93	65.50	66.07	0.415
4647	2.38	34.87	27.86	49.33	2.94	65.45	66.02	0.415
4659	2.38	34.91	27.89	46.99	2.94	65.50	66.07	0.415
4670	2.38	34.86	27.85	50.06	2.95	65.45	66.02	0.415
4680	2.39	34.86	27.85	50.83	2.95	65.47	66.05	0.415
4690	2.38	34.86	27.85	50.33	2.96	65.42	66.00	0.416
4703	2.38	34.90	27.88	47.72	2.96	65.45	66.03	0.415
4713	2.39	34.89	27.87	48.78	2.97	65.47	66.05	0.415
4725	2.38	34.89	27.88	48.35	2.97	65.37	65.96	0.416
4735	2.38	34.91	27.89	47.52	2.98	65.42	66.00	0.416
4746	2.39	34.90	27.88	48.24	2.98	65.45	66.03	0.415
4758	2.39	34.89	27.87	48.64	2.99	65.47	66.06	0.415
4770	2.39	34.90	27.88	48.26	3.00	65.47	66.06	0.415
4780	2.38	34.90	27.89	47.74	3.00	65.40	65.99	0.416
4789	2.39	34.85	27.84	51.57	3.01	65.42	66.01	0.415
4799	2.38	34.91	27.89	47.29	3.01	65.35	65.94	0.417
4811	2.39	34.87	27.85	50.70	3.02	65.40	65.99	0.416
4821	2.39	34.88	27.87	49.47	3.02	65.35	65.94	0.417
4831	2.39	34.89	27.87	49.06	3.03	65.35	65.94	0.416
4842	2.39	34.89	27.87	49.40	3.03	65.35	65.94	0.416
4854	2.39	34.88	27.86	50.19	3.04	65.35	65.95	0.416
4866	2.39	34.88	27.87	49.71	3.04	65.32	65.92	0.417
4876	2.39	34.89	27.87	49.31	3.05	65.30	65.90	0.417
4886	2.39	34.87	27.85	51.14	3.05	65.30	65.90	0.417
4895	2.40	34.87	27.86	50.75	3.06	65.32	65.93	0.417
4907	2.40	34.87	27.86	51.11	3.06	65.25	65.85	0.418
4917	2.39	34.90	27.88	48.72	3.07	65.25	65.86	0.418
4927	2.40	34.89	27.87	49.81	3.07	65.27	65.88	0.417
4937	2.41	34.88	27.86	50.53	3.08	65.27	65.88	0.417
4947	2.41	34.89	27.87	49.70	3.08	65.25	65.86	0.418
4957	2.40	34.90	27.88	49.60	3.09	65.22	65.84	0.418
4967	2.41	34.89	27.87	50.32	3.09	65.17	65.79	0.419

CONGO STA 38 18-05-77 1940 DN CAST

DEPTH	TEMP	SAL	SIG-T	SVA	DELD	% TR	POT TR	POT C
4978	2.40	34.87	27.86	50.97	3.10	65.15	65.77	0.419
4988	2.40	34.87	27.85	51.74	3.10	65.13	65.74	0.420
4998	2.41	34.89	27.87	50.18	3.11	65.20	65.82	0.418
5008	2.41	34.89	27.87	50.44	3.11	65.17	65.79	0.419
5018	2.41	34.90	27.88	49.59	3.12	65.15	65.77	0.419
5030	2.41	34.88	27.86	51.11	3.13	65.15	65.77	0.419
5040	2.41	34.89	27.87	50.71	3.13	65.08	65.70	0.420
5049	2.42	34.88	27.86	51.38	3.14	65.10	65.72	0.420
5059	2.42	34.89	27.87	50.57	3.14	65.08	65.70	0.420
5071	2.41	34.88	27.86	51.64	3.15	64.95	65.58	0.422
5081	2.42	34.88	27.87	51.26	3.15	65.03	65.66	0.421
5091	2.41	34.90	27.88	49.96	3.16	64.90	65.54	0.423
5101	2.42	34.89	27.87	50.64	3.16	64.98	65.61	0.422
5111	2.42	34.88	27.87	51.37	3.17	64.93	65.56	0.422
5121	2.43	34.89	27.87	50.93	3.17	64.93	65.56	0.422
5132	2.43	34.89	27.87	51.30	3.18	64.88	65.52	0.423
5144	2.42	34.86	27.85	53.13	3.18	64.93	65.57	0.422
5154	2.43	34.86	27.85	53.12	3.19	64.90	65.54	0.423
5164	2.42	34.86	27.85	53.00	3.19	64.85	65.50	0.423
5174	2.43	34.88	27.86	51.89	3.20	64.88	65.52	0.423
5184	2.42	34.89	27.87	51.31	3.21	64.81	65.45	0.424
5193	2.43	34.88	27.86	52.42	3.21	64.78	65.43	0.424
5203	2.43	34.87	27.86	52.76	3.22	64.80	65.45	0.424
5213	2.43	34.89	27.87	51.94	3.22	64.78	65.43	0.424
5223	2.44	34.89	27.87	51.88	3.23	64.73	65.38	0.425
5233	2.44	34.89	27.87	51.77	3.23	64.71	65.36	0.425
5245	2.44	34.87	27.85	53.25	3.24	64.78	65.43	0.424
5255	2.44	34.88	27.86	52.83	3.24	64.63	65.29	0.426
5265	2.44	34.87	27.86	53.13	3.25	64.61	65.27	0.427
5274	2.44	34.88	27.86	52.72	3.25	64.66	65.31	0.426
5284	2.44	34.89	27.87	51.85	3.26	64.61	65.27	0.427
5296	2.45	34.89	27.86	52.60	3.26	64.54	65.20	0.428
5306	2.44	34.87	27.86	53.23	3.27	64.56	65.22	0.427
5317	2.45	34.88	27.86	53.29	3.28	64.58	65.25	0.427
5329	2.44	34.86	27.85	54.32	3.28	64.53	65.20	0.428
5339	2.44	34.86	27.85	54.27	3.29	64.46	65.13	0.429
5349	2.45	34.88	27.86	53.10	3.29	64.49	65.15	0.429
5359	2.45	34.87	27.85	53.76	3.30	64.46	65.13	0.429
5369	2.45	34.89	27.86	52.94	3.30	64.41	65.08	0.430
5379	2.46	34.89	27.87	52.47	3.31	64.34	65.01	0.431
5389	2.45	34.87	27.85	54.23	3.31	64.34	65.01	0.431
5398	2.46	34.89	27.87	53.12	3.32	64.27	64.94	0.432
5408	2.46	34.88	27.86	53.80	3.32	64.27	64.94	0.432
5420	2.45	34.88	27.86	53.31	3.33	64.27	64.94	0.432
5430	2.46	34.88	27.86	54.03	3.34	64.24	64.92	0.432
5441	2.46	34.88	27.86	53.66	3.34	64.12	64.80	0.434

Table 45

CRUISE ID: CONGO

ENTER STATION #,DATE, AND TIME : STA 40 20-05-77 0430

OPEN OUTPUT FILE, THEN 'GO'*O O C40D;G

CONGO STA 40 20-05-77 0430 DN CAST

DEPTH	TEMP	SAL	SIG-T	SVA	DELD	% TR	POT TR	POT C
6	24.76	35.92	24.13	379.65	0.02	61.40	61.40	0.488
11	24.75	35.94	24.15	378.16	0.04	61.67	61.67	0.483
14	24.74	35.96	24.17	376.56	0.05	61.58	61.58	0.485
17	24.75	35.94	24.15	378.57	0.07	61.72	61.72	0.483
26	24.73	35.96	24.17	377.02	0.10	61.43	61.43	0.487
31	24.73	35.93	24.15	378.91	0.12	61.21	61.21	0.491
34	24.59	35.89	24.16	378.34	0.13	59.57	59.58	0.518
38	21.65	35.85	24.98	300.38	0.14	52.72	52.73	0.640
41	20.83	35.91	25.25	274.23	0.15	54.73	54.73	0.603
45	19.30	35.77	25.55	246.05	0.16	55.24	55.25	0.593
48	18.81	35.73	25.65	236.89	0.17	55.63	55.64	0.586
53	17.79	35.70	25.88	214.92	0.18	58.07	58.08	0.543
56	17.36	35.62	25.92	210.79	0.18	59.22	59.23	0.524
60	17.14	35.63	25.98	205.30	0.19	59.66	59.67	0.516
65	16.33	35.54	26.10	194.17	0.20	62.03	62.04	0.478
68	16.01	35.57	26.20	184.99	0.21	63.03	63.04	0.462
73	15.76	35.50	26.20	184.89	0.22	63.52	63.53	0.454
77	15.56	35.50	26.25	180.23	0.22	64.16	64.17	0.444
82	15.20	35.54	26.36	169.97	0.23	64.33	64.34	0.441
85	15.03	35.57	26.42	163.95	0.24	64.35	64.36	0.441
89	14.97	35.45	26.34	171.79	0.24	64.40	64.41	0.440
94	14.74	35.46	26.40	166.25	0.25	64.55	64.56	0.438
99	14.50	35.42	26.42	164.35	0.26	64.77	64.78	0.434
104	14.26	35.42	26.47	159.67	0.27	65.08	65.10	0.429
107	14.23	35.40	26.46	160.98	0.27	65.23	65.24	0.427
111	14.17	35.34	26.44	163.53	0.28	65.25	65.27	0.427
114	14.10	35.41	26.50	157.68	0.28	65.28	65.29	0.426
117	14.10	35.41	26.50	157.89	0.29	65.38	65.39	0.425
127	13.87	35.35	26.50	157.85	0.31	65.52	65.54	0.423
131	13.84	35.31	26.48	159.56	0.31	65.55	65.56	0.422
134	13.77	35.31	26.49	158.67	0.32	65.52	65.54	0.423
138	13.72	35.50	26.65	144.21	0.32	65.57	65.59	0.422
144	13.48	35.30	26.55	153.86	0.33	65.57	65.59	0.422
148	13.45	35.27	26.53	155.37	0.34	65.47	65.49	0.423
155	13.33	35.27	26.55	153.54	0.35	65.59	65.61	0.422
163	13.13	35.25	26.58	151.38	0.36	65.84	65.86	0.418
166	13.06	35.25	26.59	149.76	0.37	65.81	65.83	0.418
171	13.01	35.27	26.62	147.58	0.37	65.91	65.93	0.417
177	12.91	35.23	26.61	148.49	0.38	65.91	65.93	0.417
180	12.88	35.21	26.60	149.45	0.39	65.89	65.91	0.417
185	12.71	35.22	26.64	146.13	0.39	65.91	65.93	0.417
192	12.65	35.20	26.64	146.47	0.40	65.94	65.96	0.416
195	12.56	35.19	26.65	145.50	0.41	66.01	66.03	0.415
199	12.48	35.23	26.70	140.82	0.41	65.89	65.91	0.417
202	12.38	35.16	26.66	144.30	0.42	65.94	65.96	0.416
207	12.35	35.15	26.65	145.11	0.42	65.98	66.01	0.415
210	12.25	35.15	26.67	143.05	0.43	65.89	65.91	0.417
215	12.13	35.13	26.69	141.96	0.44	65.91	65.94	0.417
219	12.08	35.13	26.69	141.49	0.44	65.86	65.89	0.417
222	12.01	35.12	26.70	141.01	0.45	65.89	65.91	0.417
226	11.98	35.14	26.72	138.75	0.45	65.84	65.86	0.418

CONGO STA 40 20-05-77 0430 DN CAST

DEPTH	TEMP	SAL	SIG-T	SVA	DELD	% TR	POT TR	POT C
229	11.88	35.09	26.70	140.98	0.46	65.96	65.99	0.416
232	11.79	35.11	26.73	137.94	0.46	65.96	65.99	0.416
239	11.72	35.08	26.73	138.78	0.47	65.96	65.99	0.416
244	11.67	35.12	26.77	134.87	0.48	65.96	65.99	0.416
249	11.57	35.07	26.75	136.96	0.48	65.91	65.94	0.417
253	11.52	35.03	26.72	139.08	0.49	65.93	65.96	0.416
258	11.43	35.07	26.77	135.11	0.50	65.93	65.96	0.416
263	11.35	35.08	26.79	132.96	0.50	65.88	65.92	0.417
266	11.27	35.04	26.78	134.23	0.51	65.84	65.87	0.418
271	11.20	35.01	26.77	135.24	0.51	65.93	65.97	0.416
276	11.14	35.03	26.79	133.35	0.52	65.86	65.89	0.417
281	11.03	35.04	26.82	130.40	0.53	65.88	65.92	0.417
286	10.91	35.05	26.85	128.00	0.53	65.79	65.82	0.418
290	10.86	35.00	26.82	130.81	0.54	65.83	65.87	0.418
293	10.83	35.01	26.83	129.69	0.54	65.83	65.87	0.418
297	10.78	35.00	26.83	129.41	0.55	65.79	65.82	0.418
302	10.76	34.99	26.83	129.47	0.55	65.86	65.90	0.417
308	10.64	34.98	26.84	128.84	0.56	65.83	65.87	0.418
314	10.59	34.95	26.83	130.30	0.57	65.91	65.95	0.416
317	10.50	34.98	26.87	126.68	0.57	65.83	65.87	0.418
322	10.41	34.98	26.88	125.24	0.58	65.88	65.92	0.417
327	10.29	34.93	26.87	126.85	0.59	65.86	65.90	0.417
330	10.26	34.92	26.87	126.88	0.59	65.91	65.95	0.416
335	10.11	34.94	26.91	123.07	0.60	65.91	65.95	0.416
339	10.05	34.94	26.91	122.44	0.60	65.91	65.95	0.416
342	9.98	34.93	26.92	121.75	0.60	65.93	65.97	0.416
347	9.90	34.89	26.91	123.28	0.61	66.05	66.10	0.414
352	9.75	34.89	26.92	121.40	0.62	65.98	66.02	0.415
359	9.62	34.86	26.93	121.42	0.62	66.05	66.10	0.414
364	9.58	34.84	26.92	122.14	0.63	66.03	66.07	0.415
368	9.55	34.88	26.95	119.02	0.63	65.98	66.02	0.415
371	9.51	34.88	26.96	118.58	0.64	66.08	66.12	0.414
376	9.37	34.79	26.92	122.42	0.65	66.05	66.10	0.414
379	9.29	34.83	26.96	118.23	0.65	66.03	66.07	0.415
385	9.21	34.83	26.97	117.39	0.66	66.05	66.10	0.414
391	9.08	34.81	26.98	116.71	0.66	66.08	66.12	0.414
395	9.04	34.82	26.99	115.28	0.67	66.13	66.17	0.413
398	8.99	34.78	26.97	117.68	0.67	66.27	66.32	0.411
403	8.93	34.79	26.98	116.42	0.68	66.30	66.35	0.410
408	8.82	34.78	26.99	115.25	0.68	66.20	66.25	0.412
412	8.78	34.77	27.00	114.99	0.69	66.20	66.25	0.412
415	8.70	34.76	26.99	115.34	0.69	66.22	66.27	0.412
418	8.67	34.79	27.03	112.36	0.69	66.12	66.18	0.413
422	8.59	34.77	27.02	112.77	0.70	66.25	66.30	0.411
425	8.54	34.75	27.01	113.68	0.70	66.32	66.37	0.410
430	8.44	34.75	27.03	112.18	0.71	66.27	66.32	0.411
434	8.36	34.75	27.05	110.52	0.71	66.17	66.23	0.412
440	8.25	34.76	27.06	108.73	0.72	66.25	66.30	0.411
444	8.15	34.74	27.07	108.35	0.72	66.22	66.28	0.411
447	8.15	34.75	27.07	108.00	0.73	66.25	66.30	0.411
450	8.04	34.77	27.11	104.45	0.73	66.25	66.30	0.411
454	7.99	34.80	27.14	101.58	0.73	66.20	66.25	0.412
459	7.92	34.71	27.08	107.47	0.74	66.22	66.28	0.411
466	7.78	34.71	27.10	105.62	0.75	66.27	66.33	0.411
469	7.72	34.72	27.11	104.06	0.75	66.29	66.35	0.410
474	7.69	34.67	27.08	106.87	0.75	66.29	66.35	0.410
481	7.61	34.68	27.10	105.13	0.76	66.27	66.33	0.411

CONGO STA 40 20-05-77 0430 DN CAST

DEPTH	TEMP	SAL	SIG-T	SVA	DELD	% TR	POT TR	POT C
484	7.56	34.68	27.11	104.65	0.76	66.32	66.38	0.410
488	7.50	34.67	27.11	104.93	0.77	66.29	66.35	0.410
493	7.47	34.67	27.11	104.42	0.77	66.32	66.38	0.410
496	7.39	34.68	27.13	102.58	0.78	66.34	66.40	0.410
499	7.37	34.62	27.09	106.43	0.78	66.37	66.43	0.409
503	7.29	34.64	27.11	104.14	0.78	66.32	66.38	0.410
506	7.19	34.66	27.14	101.51	0.79	66.34	66.40	0.410
510	7.13	34.65	27.15	100.76	0.79	66.34	66.40	0.410
513	7.06	34.64	27.15	100.69	0.79	66.39	66.45	0.409
518	6.97	34.64	27.16	99.91	0.80	66.32	66.38	0.410
521	6.94	34.62	27.15	100.60	0.80	66.46	66.53	0.408
526	6.86	34.62	27.16	99.68	0.81	66.37	66.43	0.409
530	6.83	34.60	27.15	100.84	0.81	66.44	66.50	0.408
535	6.76	34.60	27.16	99.98	0.82	66.39	66.46	0.409
538	6.71	34.58	27.15	100.40	0.82	66.44	66.50	0.408
542	6.65	34.58	27.15	100.32	0.82	66.49	66.55	0.407
547	6.59	34.57	27.16	99.84	0.83	66.46	66.53	0.408
550	6.54	34.57	27.17	99.11	0.83	66.44	66.51	0.408
553	6.51	34.62	27.21	95.26	0.83	66.41	66.48	0.408
560	6.46	34.60	27.20	95.85	0.84	66.44	66.51	0.408
564	6.41	34.57	27.18	97.99	0.84	66.51	66.58	0.407
569	6.33	34.57	27.19	96.81	0.85	66.41	66.48	0.408
572	6.29	34.58	27.21	95.48	0.85	66.49	66.56	0.407
577	6.26	34.56	27.19	96.82	0.86	66.49	66.56	0.407
580	6.22	34.58	27.21	94.83	0.86	66.51	66.58	0.407
586	6.16	34.55	27.20	96.35	0.87	66.54	66.61	0.406
591	6.11	34.57	27.22	93.99	0.87	66.56	66.63	0.406
594	6.08	34.54	27.20	95.96	0.87	66.56	66.63	0.406
597	6.07	34.57	27.23	93.54	0.88	66.51	66.58	0.407
601	6.02	34.55	27.22	94.14	0.88	66.58	66.66	0.406
604	5.97	34.53	27.21	95.20	0.88	66.56	66.63	0.406
611	5.90	34.55	27.23	92.92	0.89	66.58	66.66	0.406
614	5.88	34.53	27.22	94.26	0.89	66.54	66.61	0.406
618	5.84	34.52	27.21	94.67	0.90	66.41	66.49	0.408
621	5.79	34.52	27.22	94.13	0.90	66.54	66.61	0.406
624	5.77	34.54	27.24	91.96	0.90	66.51	66.59	0.407
628	5.73	34.55	27.25	91.21	0.91	66.56	66.64	0.406
633	5.66	34.53	27.24	91.78	0.91	66.58	66.66	0.406
638	5.65	34.51	27.23	92.96	0.91	66.58	66.66	0.406
641	5.62	34.54	27.25	90.80	0.92	66.56	66.64	0.406
645	5.61	34.54	27.26	90.05	0.92	66.51	66.59	0.407
648	5.56	34.53	27.26	90.29	0.92	66.61	66.69	0.405
651	5.53	34.49	27.23	92.85	0.93	66.61	66.69	0.405
658	5.48	34.54	27.28	88.56	0.93	66.49	66.57	0.407
662	5.44	34.53	27.27	89.05	0.94	66.56	66.64	0.406
665	5.42	34.49	27.25	91.67	0.94	66.58	66.66	0.406
668	5.38	34.51	27.27	89.81	0.94	66.51	66.59	0.407
672	5.36	34.48	27.25	91.68	0.95	66.58	66.67	0.406
675	5.34	34.50	27.26	90.02	0.95	66.51	66.59	0.407
682	5.29	34.50	27.27	89.35	0.95	66.56	66.64	0.406
687	5.25	34.49	27.26	89.97	0.96	66.51	66.59	0.407
690	5.24	34.51	27.28	88.48	0.96	66.56	66.64	0.406
695	5.20	34.50	27.28	88.60	0.97	66.48	66.57	0.407
699	5.17	34.49	27.27	89.17	0.97	66.51	66.59	0.407
704	5.14	34.52	27.30	86.67	0.97	66.58	66.67	0.406
709	5.12	34.47	27.26	89.87	0.98	66.53	66.62	0.406
712	5.09	34.51	27.30	86.56	0.98	66.56	66.64	0.406

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DEPTH	TEMP	SAL	SIG-T	SVA	DELD	% TR	POT TR	POT C
722	5.03	34.50	27.30	86.86	0.99	66.41	66.50	0.408
732	4.98	34.52	27.32	84.76	1.00	66.56	66.65	0.406
743	4.95	34.48	27.29	87.30	1.01	66.56	66.65	0.406
753	4.88	34.52	27.33	83.55	1.02	66.61	66.70	0.405
763	4.83	34.50	27.32	85.13	1.02	66.53	66.63	0.406
775	4.74	34.49	27.32	84.79	1.03	66.56	66.65	0.406
785	4.70	34.52	27.35	82.18	1.04	66.61	66.70	0.405
795	4.64	34.54	27.37	80.13	1.05	66.60	66.70	0.405
805	4.60	34.49	27.34	83.09	1.06	66.63	66.73	0.405
815	4.58	34.50	27.35	82.57	1.07	66.63	66.73	0.405
827	4.54	34.51	27.36	81.18	1.08	66.63	66.73	0.405
839	4.51	34.54	27.39	78.63	1.09	66.60	66.71	0.405
849	4.48	34.50	27.36	81.29	1.09	66.63	66.73	0.405
859	4.42	34.54	27.39	78.11	1.10	66.58	66.68	0.405
871	4.39	34.50	27.37	80.41	1.11	66.68	66.78	0.404
881	4.36	34.51	27.38	79.44	1.12	66.68	66.78	0.404
893	4.33	34.55	27.41	76.57	1.13	66.58	66.69	0.405
906	4.30	34.52	27.40	78.20	1.14	66.63	66.74	0.405
918	4.25	34.55	27.42	75.54	1.15	66.63	66.74	0.404
930	4.24	34.54	27.42	76.47	1.16	66.68	66.79	0.404
942	4.23	34.58	27.45	73.64	1.17	66.65	66.77	0.404
955	4.21	34.59	27.46	72.07	1.18	66.65	66.77	0.404
967	4.19	34.59	27.46	72.52	1.18	66.60	66.72	0.405
982	4.17	34.62	27.49	70.24	1.20	66.60	66.72	0.405
992	4.16	34.63	27.50	69.39	1.20	66.65	66.77	0.404
1002	4.16	34.60	27.47	71.50	1.21	66.67	66.80	0.404
1012	4.16	34.60	27.47	71.55	1.22	66.65	66.77	0.404
1024	4.15	34.64	27.50	68.77	1.23	66.63	66.75	0.404
1034	4.14	34.64	27.51	68.36	1.23	66.65	66.78	0.404
1046	4.12	34.62	27.50	69.57	1.24	66.67	66.80	0.404
1056	4.10	34.67	27.53	66.29	1.25	66.60	66.73	0.405
1066	4.10	34.67	27.53	66.32	1.25	66.60	66.73	0.405
1076	4.09	34.69	27.55	64.67	1.26	66.60	66.73	0.405
1086	4.07	34.79	27.63	57.26	1.27	66.67	66.81	0.403
1098	4.08	34.67	27.54	66.00	1.27	66.65	66.78	0.404
1108	4.07	34.69	27.56	64.39	1.28	66.62	66.76	0.404
1119	4.07	34.69	27.55	64.85	1.29	66.60	66.74	0.405
1129	4.06	34.73	27.59	61.98	1.29	66.65	66.79	0.404
1140	4.05	34.71	27.57	63.29	1.30	66.57	66.71	0.405
1152	4.04	34.72	27.58	62.53	1.31	66.60	66.74	0.404
1164	4.04	34.73	27.59	61.85	1.32	66.57	66.72	0.405
1176	4.02	34.77	27.62	58.97	1.32	66.65	66.79	0.404
1186	4.02	34.73	27.59	61.89	1.33	66.60	66.74	0.404
1196	4.01	34.78	27.63	58.21	1.33	66.60	66.74	0.404
1211	4.01	34.75	27.61	60.14	1.34	66.62	66.77	0.404
1223	4.00	34.78	27.63	58.15	1.35	66.60	66.75	0.404
1233	3.99	34.75	27.61	60.61	1.36	66.62	66.77	0.404
1245	3.98	34.76	27.62	59.87	1.36	66.62	66.77	0.404
1257	3.98	34.80	27.65	56.72	1.37	66.57	66.73	0.405
1267	3.99	34.80	27.65	57.28	1.38	66.60	66.75	0.404
1277	3.99	34.83	27.67	55.30	1.38	66.55	66.70	0.405
1289	3.98	34.85	27.69	53.73	1.39	66.55	66.71	0.405
1299	3.99	34.84	27.68	54.62	1.39	66.62	66.78	0.404
1309	3.97	34.86	27.70	52.55	1.40	66.55	66.71	0.405
1319	3.96	34.87	27.71	51.69	1.40	66.57	66.73	0.405
1332	3.95	34.86	27.70	53.05	1.41	66.50	66.66	0.406
1342	3.95	34.87	27.71	51.87	1.42	66.52	66.69	0.405

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DEPTH	TEMP	SAL	SIG-T	SVA	DELD	% TR	POT TR	POT C
1353	3.94	34.86	27.70	52.68	1.42	66.55	66.71	0.405
1363	3.93	34.89	27.73	50.27	1.43	66.55	66.71	0.405
1373	3.92	34.90	27.74	49.81	1.43	66.57	66.74	0.404
1385	3.92	34.86	27.71	52.81	1.44	66.57	66.74	0.404
1395	3.92	34.89	27.73	50.39	1.44	66.57	66.74	0.404
1405	3.91	34.90	27.74	49.96	1.45	66.55	66.72	0.405
1416	3.89	34.91	27.75	49.19	1.45	66.55	66.72	0.405
1428	3.88	34.92	27.76	48.39	1.46	66.52	66.70	0.405
1440	3.88	34.91	27.75	48.92	1.47	66.52	66.70	0.405
1450	3.87	34.90	27.74	49.68	1.47	66.52	66.70	0.405
1460	3.85	34.91	27.75	48.88	1.48	66.50	66.68	0.405
1472	3.86	34.93	27.77	47.35	1.48	66.47	66.65	0.406
1485	3.83	34.94	27.77	47.02	1.49	66.50	66.68	0.405
1496	3.83	34.93	27.77	47.46	1.49	66.52	66.70	0.405
1506	3.83	34.93	27.77	47.91	1.50	66.57	66.75	0.404
1516	3.81	34.95	27.79	46.18	1.50	66.57	66.75	0.404
1526	3.80	34.95	27.79	46.19	1.51	66.54	66.73	0.405
1536	3.80	34.93	27.77	47.84	1.51	66.52	66.71	0.405
1546	3.79	34.91	27.76	48.66	1.52	66.49	66.68	0.405
1559	3.78	34.93	27.78	47.16	1.52	66.49	66.69	0.405
1570	3.77	34.94	27.78	46.73	1.53	66.57	66.76	0.404
1580	3.76	34.95	27.79	45.87	1.53	66.52	66.71	0.405
1590	3.75	34.92	27.77	47.86	1.54	66.49	66.69	0.405
1601	3.75	34.94	27.78	46.74	1.54	66.54	66.74	0.404
1612	3.74	34.96	27.80	45.10	1.55	66.44	66.64	0.406
1623	3.72	34.92	27.77	47.96	1.55	66.54	66.74	0.404
1633	3.72	34.92	27.77	47.96	1.56	66.54	66.74	0.404
1644	3.70	34.93	27.79	46.68	1.56	66.54	66.74	0.404
1654	3.70	34.98	27.82	43.45	1.57	66.42	66.62	0.406
1664	3.67	34.93	27.79	46.60	1.57	66.52	66.72	0.405
1674	3.68	34.96	27.81	45.06	1.58	66.47	66.67	0.405
1686	3.66	34.95	27.81	45.04	1.58	66.42	66.63	0.406
1696	3.65	34.94	27.79	46.25	1.59	66.44	66.65	0.406
1707	3.64	34.95	27.80	45.47	1.59	66.42	66.63	0.406
1717	3.63	34.98	27.83	43.06	1.59	66.44	66.65	0.406
1731	3.62	34.97	27.83	43.54	1.60	66.49	66.70	0.405
1741	3.61	34.96	27.82	44.32	1.61	66.44	66.66	0.406
1751	3.59	34.98	27.83	43.02	1.61	66.49	66.71	0.405
1763	3.58	34.97	27.82	43.88	1.61	66.44	66.66	0.406
1773	3.58	34.95	27.81	45.09	1.62	66.42	66.64	0.406
1783	3.57	34.97	27.83	43.50	1.62	66.42	66.64	0.406
1795	3.55	34.95	27.81	45.10	1.63	66.37	66.59	0.407
1805	3.55	34.96	27.82	44.35	1.63	66.39	66.61	0.406
1815	3.53	34.97	27.83	43.04	1.64	66.34	66.57	0.407
1825	3.53	34.97	27.84	43.05	1.64	66.32	66.54	0.407
1835	3.53	34.92	27.79	47.14	1.65	66.39	66.62	0.406
1847	3.51	34.94	27.81	45.13	1.65	66.37	66.59	0.407
1857	3.51	34.96	27.83	43.89	1.66	66.37	66.60	0.407
1867	3.49	34.94	27.82	45.07	1.66	66.39	66.62	0.406
1877	3.48	34.95	27.82	44.63	1.67	66.32	66.55	0.407
1887	3.47	34.97	27.84	42.99	1.67	66.34	66.57	0.407
1899	3.46	34.94	27.82	45.05	1.68	66.37	66.60	0.407
1909	3.45	34.99	27.85	41.76	1.68	66.32	66.55	0.407
1921	3.44	34.95	27.83	44.24	1.68	66.29	66.53	0.408
1931	3.43	34.96	27.84	43.41	1.69	66.29	66.53	0.408
1941	3.43	34.93	27.81	45.46	1.69	66.34	66.58	0.407
1953	3.42	34.94	27.82	44.72	1.70	66.32	66.56	0.407

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DEPTH	TEMP	SAL	SIG-T	SVA	DELD	% TR	POT TR	POT C
1963	3.41	34.93	27.81	45.47	1.70	66.24	66.49	0.408
1976	3.39	34.92	27.81	45.94	1.71	66.27	66.51	0.408
1986	3.38	34.95	27.83	43.86	1.71	66.27	66.51	0.408
1996	3.36	34.96	27.84	42.99	1.72	66.34	66.59	0.407
2008	3.35	34.99	27.86	40.99	1.72	66.29	66.54	0.407
2018	3.34	34.94	27.83	44.22	1.73	66.27	66.52	0.408
2030	3.34	34.95	27.84	43.52	1.73	66.32	66.57	0.407
2040	3.34	34.95	27.84	43.51	1.74	66.32	66.57	0.407
2050	3.32	34.95	27.83	43.85	1.74	66.27	66.52	0.408
2060	3.31	34.97	27.85	42.22	1.75	66.24	66.50	0.408
2070	3.31	34.96	27.85	42.63	1.75	66.32	66.57	0.407
2080	3.30	34.94	27.83	44.62	1.75	66.29	66.55	0.407
2092	3.28	34.97	27.85	42.17	1.76	66.29	66.55	0.407
2104	3.28	34.98	27.86	41.46	1.76	66.24	66.50	0.408
2114	3.27	34.97	27.86	42.24	1.77	66.24	66.50	0.408
2124	3.26	34.98	27.86	41.39	1.77	66.24	66.50	0.408
2134	3.23	34.95	27.85	42.90	1.78	66.29	66.55	0.407
2144	3.22	34.96	27.85	42.48	1.78	66.17	66.43	0.409
2156	3.22	34.94	27.84	43.75	1.79	66.31	66.58	0.407
2166	3.21	34.96	27.86	42.08	1.79	66.22	66.48	0.408
2176	3.19	34.94	27.84	43.20	1.79	66.22	66.48	0.408
2187	3.18	34.94	27.84	43.30	1.80	66.24	66.51	0.408
2197	3.17	34.95	27.85	42.87	1.80	66.26	66.53	0.408
2208	3.16	34.96	27.86	41.99	1.81	66.19	66.46	0.409
2218	3.15	34.98	27.87	40.75	1.81	66.26	66.54	0.408
2228	3.15	34.94	27.85	43.19	1.82	66.22	66.49	0.408
2238	3.14	34.94	27.84	43.54	1.82	66.22	66.49	0.408
2249	3.13	34.94	27.85	43.19	1.83	66.17	66.44	0.409
2259	3.12	34.92	27.83	44.37	1.83	66.19	66.47	0.409
2271	3.10	34.95	27.86	41.95	1.84	66.21	66.49	0.408
2283	3.10	34.95	27.86	42.00	1.84	66.19	66.47	0.409
2293	3.08	34.98	27.88	39.92	1.84	66.21	66.50	0.408
2305	3.08	34.94	27.85	42.82	1.85	66.21	66.50	0.408
2315	3.07	34.97	27.88	40.77	1.85	66.16	66.45	0.409
2328	3.07	34.96	27.87	41.28	1.86	66.16	66.45	0.409
2338	3.05	34.94	27.86	42.44	1.86	66.21	66.50	0.408
2350	3.03	34.94	27.86	42.42	1.87	66.19	66.48	0.408
2360	3.02	34.93	27.85	42.77	1.87	66.16	66.46	0.409
2372	3.02	34.96	27.88	40.82	1.88	66.16	66.46	0.409
2382	3.00	34.96	27.88	40.75	1.88	66.16	66.46	0.409
2395	3.00	34.93	27.85	42.94	1.89	66.11	66.41	0.409
2405	2.99	34.94	27.86	42.12	1.89	66.07	66.36	0.410
2415	2.97	34.94	27.86	42.00	1.90	66.16	66.46	0.409
2425	2.97	34.95	27.87	41.19	1.90	66.04	66.34	0.410
2435	2.97	34.95	27.87	41.57	1.90	66.07	66.37	0.410
2447	2.96	34.94	27.86	42.02	1.91	66.14	66.44	0.409
2457	2.95	34.92	27.85	43.23	1.91	66.16	66.47	0.409
2467	2.94	34.91	27.84	44.01	1.92	66.14	66.44	0.409
2477	2.94	34.92	27.85	43.21	1.92	66.11	66.42	0.409
2487	2.93	34.95	27.87	41.51	1.93	66.09	66.40	0.410
2499	2.93	34.91	27.84	44.01	1.93	66.14	66.45	0.409
2509	2.91	34.93	27.86	42.74	1.94	66.11	66.42	0.409
2521	2.90	34.95	27.87	41.15	1.94	66.06	66.38	0.410
2531	2.90	34.97	27.89	39.88	1.94	66.09	66.40	0.410
2544	2.90	34.91	27.84	44.05	1.95	66.06	66.38	0.410
2554	2.89	34.93	27.86	42.44	1.96	66.16	66.48	0.408
2564	2.88	34.93	27.86	42.38	1.96	66.06	66.38	0.410

CONGO STA 40 20-05-77 0430 DN CAST

DEPTH	TEMP	SAL	SIG-T	SVA	DELD	% TR	POT TR	POT C
2574	2.87	34.92	27.85	43.14	1.96	66.04	66.36	0.410
2588	2.87	34.91	27.85	43.70	1.97	66.06	66.38	0.410
2599	2.86	34.92	27.86	42.87	1.97	66.01	66.34	0.411
2610	2.86	34.93	27.87	42.03	1.98	66.01	66.34	0.411
2621	2.85	34.92	27.86	42.90	1.98	65.96	66.29	0.411
2631	2.83	34.97	27.89	39.63	1.99	65.99	66.31	0.411
2641	2.83	34.97	27.90	39.13	1.99	66.01	66.34	0.410
2651	2.82	34.95	27.89	40.35	2.00	66.01	66.34	0.410
2663	2.81	34.93	27.86	42.37	2.00	65.96	66.29	0.411
2673	2.81	34.94	27.87	41.57	2.00	66.04	66.37	0.410
2683	2.81	34.93	27.87	41.99	2.01	66.01	66.34	0.410
2693	2.79	34.95	27.88	40.71	2.01	65.96	66.30	0.411
2708	2.79	34.89	27.84	44.90	2.02	65.94	66.27	0.411
2718	2.79	34.96	27.89	40.08	2.02	65.99	66.32	0.411
2728	2.77	34.93	27.88	41.58	2.03	65.99	66.32	0.411
2740	2.77	34.95	27.88	40.84	2.03	66.01	66.35	0.410
2750	2.77	34.95	27.88	40.81	2.04	65.96	66.30	0.411
2760	2.76	34.92	27.87	42.36	2.04	66.01	66.35	0.410
2772	2.76	34.88	27.84	45.24	2.05	65.99	66.33	0.411
2782	2.75	34.94	27.88	41.21	2.05	65.96	66.31	0.411
2792	2.74	34.96	27.90	39.92	2.05	65.91	66.26	0.412
2804	2.74	34.93	27.88	41.61	2.06	65.91	66.26	0.412
2815	2.73	34.95	27.90	40.00	2.06	65.96	66.31	0.411
2825	2.72	34.93	27.88	41.52	2.07	65.96	66.31	0.411
2835	2.72	34.92	27.87	42.39	2.07	65.99	66.34	0.411
2845	2.71	34.95	27.89	40.29	2.08	65.91	66.26	0.412
2857	2.71	34.93	27.87	41.91	2.08	65.94	66.29	0.411
2867	2.69	34.94	27.88	41.07	2.09	65.91	66.27	0.412
2877	2.69	34.92	27.87	42.65	2.09	65.91	66.27	0.412
2887	2.69	34.91	27.86	43.04	2.09	65.94	66.29	0.411
2897	2.69	34.94	27.89	40.59	2.10	65.94	66.29	0.411
2907	2.68	34.92	27.87	42.52	2.10	65.89	66.25	0.412
2917	2.68	34.92	27.87	42.56	2.11	65.89	66.25	0.412
2927	2.67	34.92	27.87	42.11	2.11	65.86	66.22	0.412
2941	2.67	34.91	27.87	43.00	2.12	65.81	66.18	0.413
2951	2.66	34.94	27.89	40.95	2.12	65.89	66.25	0.412
2961	2.66	34.92	27.87	42.49	2.13	65.89	66.25	0.412
2971	2.66	34.91	27.87	42.90	2.13	65.86	66.23	0.412
2981	2.65	34.88	27.84	45.29	2.13	65.84	66.21	0.413
2991	2.64	34.93	27.89	41.22	2.14	65.89	66.26	0.412
3001	2.63	34.92	27.88	41.99	2.14	65.89	66.26	0.412
3011	2.64	34.91	27.87	43.17	2.15	65.79	66.16	0.413
3021	2.63	34.91	27.87	42.74	2.15	65.86	66.23	0.412
3033	2.62	34.95	27.90	39.90	2.16	65.86	66.24	0.412
3043	2.62	34.91	27.87	42.65	2.16	65.79	66.16	0.413
3054	2.62	34.94	27.89	40.73	2.16	65.84	66.21	0.412
3064	2.62	34.91	27.87	42.64	2.17	65.84	66.22	0.412
3074	2.61	34.93	27.89	41.44	2.17	65.86	66.24	0.412
3084	2.60	34.94	27.90	40.56	2.18	65.81	66.19	0.413
3094	2.60	34.94	27.89	40.93	2.18	65.81	66.19	0.413
3104	2.59	34.94	27.89	40.90	2.19	65.79	66.17	0.413
3114	2.59	34.91	27.88	42.48	2.19	65.76	66.15	0.413
3124	2.59	34.91	27.88	42.45	2.19	65.81	66.20	0.413
3136	2.59	34.93	27.89	41.65	2.20	65.79	66.17	0.413
3148	2.58	34.91	27.87	42.87	2.20	65.76	66.15	0.413
3159	2.58	34.92	27.88	42.14	2.21	65.71	66.10	0.414
3169	2.57	34.91	27.87	42.86	2.21	65.79	66.18	0.413

CONGO STA 40 20-05-77 0430 DN CAST

DEPTH	TEMP	SAL	SIG-T	SVA	DELD	% TR	POT TR	POT C
3179	2.57	34.91	27.87	42.86	2.22	65.76	66.15	0.413
3189	2.57	34.90	27.87	43.20	2.22	65.76	66.16	0.413
3200	2.56	34.91	27.87	42.76	2.23	65.76	66.16	0.413
3210	2.56	34.92	27.88	41.93	2.23	65.76	66.16	0.413
3220	2.56	34.91	27.87	43.07	2.23	65.76	66.16	0.413
3230	2.55	34.91	27.88	42.62	2.24	65.76	66.16	0.413
3240	2.55	34.91	27.87	43.01	2.24	65.78	66.19	0.413
3251	2.55	34.94	27.90	41.07	2.25	65.71	66.11	0.414
3263	2.55	34.93	27.89	41.44	2.25	65.69	66.09	0.414
3273	2.55	34.93	27.89	41.81	2.26	65.66	66.07	0.415
3283	2.54	34.95	27.91	40.16	2.26	65.66	66.07	0.415
3293	2.53	34.95	27.91	40.08	2.26	65.64	66.05	0.415
3303	2.53	34.94	27.90	40.46	2.27	65.66	66.07	0.415
3315	2.53	34.89	27.86	44.49	2.27	65.71	66.12	0.414
3325	2.53	34.87	27.85	45.67	2.28	65.69	66.10	0.414
3335	2.53	34.90	27.87	43.64	2.28	65.69	66.10	0.414
3346	2.52	34.90	27.87	43.64	2.29	65.66	66.08	0.414
3356	2.52	34.93	27.90	41.18	2.29	65.64	66.05	0.415
3368	2.52	34.91	27.88	42.76	2.30	65.66	66.08	0.414
3378	2.51	34.93	27.90	41.13	2.30	65.56	65.98	0.416
3388	2.51	34.91	27.88	42.68	2.31	65.64	66.06	0.415
3398	2.50	34.93	27.90	41.49	2.31	65.64	66.06	0.415
3410	2.50	34.90	27.87	43.83	2.31	65.59	66.01	0.415
3420	2.50	34.89	27.87	44.24	2.32	65.64	66.06	0.415
3430	2.49	34.93	27.90	41.38	2.32	65.66	66.08	0.414
3440	2.49	34.93	27.90	41.30	2.33	65.64	66.06	0.415
3450	2.50	34.90	27.87	43.67	2.33	65.56	65.99	0.416
3460	2.49	34.88	27.86	44.86	2.34	65.51	65.94	0.416
3471	2.49	34.92	27.89	42.50	2.34	65.56	65.99	0.416
3481	2.48	34.94	27.91	40.79	2.35	65.68	66.11	0.414
3493	2.48	34.91	27.88	42.80	2.35	65.54	65.97	0.416
3506	2.48	34.90	27.87	44.10	2.36	65.49	65.92	0.417
3518	2.47	34.93	27.90	41.75	2.36	65.59	66.02	0.415
3530	2.47	34.87	27.85	45.68	2.37	65.56	66.00	0.416
3540	2.47	34.89	27.86	44.90	2.37	65.54	65.98	0.416
3553	2.46	34.89	27.87	44.54	2.38	65.54	65.98	0.416
3563	2.46	34.91	27.88	43.29	2.38	65.54	65.98	0.416
3573	2.46	34.93	27.90	41.66	2.39	65.56	66.00	0.416
3583	2.45	34.90	27.88	43.56	2.39	65.51	65.96	0.416
3595	2.45	34.92	27.89	42.38	2.39	65.54	65.98	0.416
3605	2.46	34.91	27.88	43.54	2.40	65.49	65.93	0.417
3615	2.45	34.91	27.88	43.10	2.40	65.49	65.93	0.417
3626	2.44	34.93	27.90	41.90	2.41	65.53	65.98	0.416
3636	2.44	34.99	27.95	37.50	2.41	65.51	65.96	0.416
3646	2.45	34.78	27.78	52.43	2.42	65.51	65.96	0.416
3656	2.44	34.90	27.88	43.83	2.42	65.49	65.94	0.417
3666	2.43	34.94	27.91	40.91	2.43	65.46	65.92	0.417
3676	2.44	34.90	27.88	43.99	2.43	65.51	65.97	0.416
3686	2.43	34.89	27.87	44.74	2.43	65.39	65.85	0.418
3696	2.43	34.91	27.89	43.15	2.44	65.44	65.90	0.417
3706	2.42	34.90	27.88	43.83	2.44	65.44	65.90	0.417
3716	2.43	34.92	27.90	42.22	2.45	65.46	65.92	0.417
3728	2.43	34.92	27.89	42.64	2.45	65.44	65.90	0.417
3740	2.42	34.90	27.88	43.81	2.46	65.48	65.95	0.416
3750	2.42	34.89	27.87	44.93	2.46	65.48	65.95	0.416
3760	2.42	34.88	27.86	45.32	2.47	65.46	65.93	0.417
3771	2.41	34.89	27.87	44.92	2.47	65.36	65.83	0.418

CONGO STA 40 20-05-77 0430 DN CAST

DEPTH	TEMP	SAL	SIG-T	SVA	DELD	% TR	POT TR	POT C
3781	2.40	34.89	27.87	44.84	2.48	65.41	65.88	0.417
3791	2.40	34.90	27.88	43.98	2.48	65.46	65.93	0.417
3801	2.41	34.91	27.89	43.54	2.49	65.39	65.86	0.418
3811	2.40	34.90	27.88	44.23	2.49	65.34	65.81	0.419
3823	2.39	34.88	27.86	45.43	2.49	65.41	65.88	0.417
3835	2.40	34.90	27.88	44.33	2.50	65.36	65.84	0.418
3846	2.39	34.87	27.86	45.81	2.51	65.43	65.91	0.417
3856	2.40	34.91	27.89	43.49	2.51	65.34	65.82	0.418
3866	2.39	34.93	27.90	42.20	2.51	65.34	65.82	0.418
3876	2.39	34.89	27.88	44.48	2.52	65.43	65.91	0.417
3886	2.39	34.91	27.89	43.25	2.52	65.24	65.72	0.420
3896	2.39	34.89	27.87	45.18	2.53	65.31	65.80	0.419
3908	2.39	34.91	27.89	43.24	2.53	65.31	65.80	0.419
3918	2.39	34.90	27.88	44.29	2.54	65.34	65.82	0.418
3928	2.38	34.87	27.86	46.18	2.54	65.36	65.85	0.418
3938	2.38	34.78	27.79	52.44	2.55	65.38	65.87	0.418
3948	2.38	34.92	27.90	42.73	2.55	65.31	65.80	0.419
3958	2.38	34.85	27.84	47.63	2.56	65.29	65.78	0.419
3969	2.38	34.90	27.88	44.55	2.56	65.29	65.78	0.419
3979	2.38	34.93	27.90	42.50	2.56	65.29	65.78	0.419
3989	2.38	34.91	27.89	43.60	2.57	65.29	65.78	0.419
4001	2.38	34.91	27.89	43.97	2.57	65.26	65.76	0.419
4011	2.37	34.90	27.88	44.69	2.58	65.33	65.83	0.418
4024	2.38	34.91	27.89	43.62	2.58	65.29	65.79	0.419
4034	2.37	34.92	27.90	43.11	2.59	65.26	65.76	0.419
4046	2.37	34.90	27.88	44.67	2.59	65.21	65.72	0.420
4057	2.37	34.91	27.89	43.92	2.60	65.26	65.76	0.419
4071	2.37	34.90	27.88	44.79	2.61	65.31	65.81	0.418
4081	2.36	34.90	27.89	44.30	2.61	65.26	65.77	0.419
4094	2.38	34.85	27.84	48.30	2.62	65.28	65.79	0.419
4107	2.37	34.88	27.87	46.06	2.62	65.31	65.82	0.418
4117	2.37	34.90	27.88	44.79	2.63	65.26	65.77	0.419
4127	2.37	34.89	27.88	45.50	2.63	65.26	65.77	0.419
4139	2.37	34.93	27.90	43.13	2.64	65.21	65.72	0.420
4149	2.37	34.90	27.88	45.05	2.64	65.23	65.75	0.419
4159	2.37	34.88	27.87	46.60	2.65	65.23	65.75	0.419
4170	2.36	34.90	27.88	44.94	2.65	65.19	65.70	0.420
4182	2.37	34.92	27.90	43.80	2.66	65.21	65.73	0.420
4194	2.36	34.94	27.92	42.19	2.66	65.21	65.73	0.420
4205	2.37	34.92	27.90	44.18	2.67	65.16	65.68	0.420
4217	2.37	34.91	27.89	44.60	2.67	65.18	65.71	0.420
4227	2.37	34.91	27.89	44.93	2.68	65.14	65.66	0.421
4237	2.37	34.90	27.88	45.67	2.68	65.16	65.69	0.420
4247	2.37	34.91	27.89	44.81	2.68	65.21	65.74	0.420
4257	2.38	34.88	27.87	46.71	2.69	65.16	65.69	0.420
4267	2.37	34.89	27.87	46.66	2.69	65.11	65.64	0.421
4277	2.38	34.91	27.89	45.05	2.70	65.21	65.74	0.420
4287	2.37	34.91	27.89	44.97	2.70	65.18	65.72	0.420
4297	2.37	34.91	27.89	45.26	2.71	65.13	65.67	0.421
4307	2.38	34.88	27.86	47.59	2.71	65.11	65.65	0.421
4317	2.38	34.89	27.87	46.79	2.72	65.13	65.67	0.421
4327	2.38	34.88	27.87	47.12	2.72	65.11	65.65	0.421
4338	2.38	34.88	27.87	47.11	2.73	65.09	65.63	0.421
4348	2.38	34.91	27.89	45.49	2.73	65.09	65.63	0.421
4358	2.38	34.91	27.89	45.38	2.74	65.06	65.60	0.422
4368	2.38	34.88	27.87	47.30	2.74	65.04	65.58	0.422
4378	2.38	34.88	27.87	47.64	2.75	65.08	65.63	0.421

CONGO STA 40 20-05-77 0430 DN CAST

DEPTH	TEMP	SAL	SIG-T	SVA	DELD	% TR	POT TR	POT C
4390	2.38	34.91	27.89	45.29	2.75	65.08	65.63	0.421
4400	2.39	34.87	27.86	48.72	2.76	64.99	65.54	0.423
4410	2.39	34.88	27.87	47.92	2.76	65.04	65.58	0.422
4421	2.39	34.87	27.86	48.29	2.77	65.06	65.61	0.422
4431	2.39	34.88	27.87	47.88	2.77	65.04	65.59	0.422
4443	2.38	34.87	27.86	48.60	2.78	64.99	65.54	0.423
4453	2.38	34.94	27.91	43.85	2.78	65.06	65.61	0.422
4463	2.38	34.91	27.89	45.68	2.79	65.03	65.59	0.422
4473	2.38	34.91	27.89	45.62	2.79	64.99	65.54	0.423
4483	2.39	34.88	27.87	47.94	2.79	64.94	65.50	0.423
4493	2.38	34.92	27.90	45.56	2.80	64.96	65.52	0.423
4504	2.38	34.90	27.88	47.06	2.80	64.94	65.50	0.423
4514	2.39	34.90	27.89	46.62	2.81	64.94	65.50	0.423
4526	2.39	34.86	27.85	49.75	2.81	64.94	65.50	0.423
4537	2.39	34.88	27.86	48.58	2.82	64.96	65.53	0.423
4547	2.38	34.91	27.89	46.18	2.83	64.96	65.53	0.423
4557	2.39	34.88	27.87	48.42	2.83	64.86	65.43	0.424
4569	2.39	34.86	27.85	49.99	2.84	64.84	65.41	0.425
4581	2.39	34.93	27.90	45.32	2.84	64.91	65.48	0.424
4591	2.39	34.90	27.88	47.60	2.85	64.86	65.43	0.424
4600	2.39	34.93	27.90	45.60	2.85	64.89	65.46	0.424
4610	2.39	34.89	27.87	48.23	2.85	64.86	65.44	0.424
4622	2.39	34.91	27.89	47.08	2.86	64.84	65.41	0.425
4632	2.40	34.91	27.89	47.01	2.87	64.81	65.39	0.425
4644	2.40	34.89	27.87	48.55	2.87	64.79	65.37	0.425
4654	2.39	34.88	27.86	49.21	2.88	64.71	65.30	0.426
4663	2.39	34.87	27.86	49.99	2.88	64.69	65.27	0.427
4673	2.39	34.90	27.88	47.57	2.89	64.67	65.25	0.427
4683	2.40	34.89	27.87	48.65	2.89	64.67	65.25	0.427
4693	2.39	34.89	27.87	48.58	2.90	64.52	65.11	0.429
4703	2.40	34.89	27.88	48.59	2.90	64.57	65.16	0.428
4715	2.40	34.89	27.87	48.91	2.91	64.23	64.82	0.434
4725	2.41	34.90	27.88	48.51	2.91	64.27	64.87	0.433
4735	2.39	34.92	27.90	46.46	2.91	64.18	64.77	0.434
4745	2.40	34.91	27.89	47.57	2.92	64.18	64.78	0.434
4755	2.41	34.90	27.88	48.28	2.92	64.13	64.73	0.435
4765	2.40	34.92	27.90	47.03	2.93	64.08	64.68	0.436
4775	2.40	34.90	27.88	48.46	2.93	64.01	64.61	0.437
4786	2.41	34.87	27.86	50.41	2.94	64.03	64.64	0.437
4796	2.39	34.90	27.88	48.38	2.94	63.93	64.54	0.438

Table 46

CRUISE ID: CONGO

ENTER STATION #,DATE, AND TIME : STA 42 20-05-78 2300

OPEN OUTPUT FILE, THEN 'GO'*O O C42D;G

CONGO STA 42 20-05-78 2300 DN CAST

DEPTH	TEMP	SAL	SIG-T	SVA	DELD	% TR	POT TR	POT C
4	24.63	35.86	24.12	380.30	0.02	48.60	48.60	0.722
9	24.68	35.83	24.09	384.01	0.04	58.23	58.23	0.541
12	24.68	35.85	24.10	382.71	0.05	58.67	58.67	0.533
16	24.67	35.84	24.10	383.39	0.06	58.69	58.69	0.533
19	24.64	35.85	24.11	382.31	0.07	58.62	58.62	0.534
23	24.37	35.72	24.10	383.27	0.09	57.54	57.55	0.553
28	18.93	35.53	25.46	254.04	0.10	35.05	35.06	1.048
31	17.65	35.56	25.80	221.40	0.11	46.17	46.18	0.773
34	16.99	35.67	26.05	198.01	0.11	55.12	55.12	0.596
38	16.60	35.64	26.12	191.58	0.12	59.66	59.67	0.517
41	16.44	35.63	26.15	188.63	0.13	61.13	61.13	0.492
46	16.17	35.58	26.18	186.44	0.14	61.37	61.38	0.488
50	16.00	35.63	26.25	179.42	0.14	63.50	63.50	0.454
53	15.90	35.58	26.23	181.09	0.15	63.45	63.45	0.455
56	15.74	35.56	26.26	178.89	0.15	64.18	64.19	0.443
60	15.62	35.56	26.28	176.50	0.16	64.23	64.24	0.443
63	15.55	35.55	26.29	175.88	0.17	64.42	64.43	0.440
67	15.44	35.59	26.35	170.58	0.17	64.57	64.58	0.437
70	15.33	35.56	26.34	171.11	0.18	64.69	64.70	0.435
75	15.26	35.52	26.33	172.60	0.19	64.57	64.58	0.437
78	15.19	35.53	26.36	170.22	0.19	64.79	64.80	0.434
82	15.14	35.49	26.34	171.89	0.20	64.81	64.82	0.434
85	15.08	35.52	26.37	169.06	0.20	64.86	64.87	0.433
89	15.03	35.57	26.42	164.14	0.21	65.01	65.02	0.431
92	14.95	35.66	26.51	156.42	0.22	65.13	65.14	0.429
95	14.94	35.48	26.37	169.43	0.22	65.11	65.12	0.429
99	14.91	35.49	26.39	167.78	0.23	65.25	65.27	0.427
102	14.88	35.51	26.41	165.89	0.23	65.23	65.24	0.427
107	14.81	35.34	26.29	177.05	0.24	65.23	65.24	0.427
111	14.79	35.46	26.39	167.60	0.25	65.30	65.32	0.426
114	14.73	35.45	26.39	167.73	0.25	65.35	65.37	0.425
117	14.69	35.48	26.43	164.49	0.26	65.40	65.41	0.425
121	14.66	35.43	26.40	167.67	0.26	65.40	65.42	0.425
124	14.58	35.42	26.41	166.72	0.27	65.52	65.54	0.423
127	14.55	35.44	26.42	165.17	0.27	65.47	65.49	0.423
131	14.53	35.46	26.45	163.29	0.28	65.40	65.42	0.425
134	14.50	35.41	26.42	166.24	0.29	65.50	65.51	0.423
141	14.40	35.40	26.43	165.44	0.30	65.33	65.34	0.426
144	14.36	35.44	26.47	161.29	0.30	65.25	65.27	0.427
148	14.33	35.39	26.44	164.53	0.31	65.62	65.64	0.421
151	14.28	35.40	26.46	162.86	0.31	65.47	65.49	0.423
155	14.24	35.43	26.49	159.69	0.32	65.57	65.59	0.422
160	14.22	35.41	26.48	160.87	0.33	65.67	65.69	0.420
166	14.14	35.39	26.48	161.28	0.34	65.42	65.44	0.424
170	14.08	35.39	26.49	159.98	0.34	65.50	65.52	0.423
175	14.00	35.40	26.52	157.75	0.35	65.67	65.69	0.420
180	13.93	35.34	26.48	161.40	0.36	65.67	65.69	0.420
183	13.87	35.36	26.51	158.54	0.37	65.55	65.57	0.422
187	13.84	35.35	26.51	158.70	0.37	65.64	65.67	0.421
190	13.83	35.35	26.51	158.51	0.38	65.69	65.71	0.420
193	13.77	35.36	26.53	157.01	0.38	65.72	65.74	0.420

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DEPTH	TEMP	SAL	SIG-T	SVA	DELD	% TR	POT TR	POT C
197	13.74	35.34	26.52	157.79	0.39	65.77	65.79	0.419
200	13.71	35.32	26.51	158.92	0.39	65.74	65.76	0.419
204	13.68	35.33	26.53	157.46	0.40	65.79	65.81	0.418
207	13.60	35.31	26.53	157.25	0.40	65.91	65.94	0.417
212	13.56	35.28	26.52	158.48	0.41	65.91	65.94	0.417
217	13.43	35.29	26.55	155.51	0.42	65.96	65.99	0.416
221	13.32	35.29	26.57	153.79	0.42	65.86	65.89	0.417
224	13.25	35.27	26.57	154.09	0.43	65.96	65.99	0.416
229	13.14	35.26	26.58	152.58	0.44	65.91	65.94	0.417
232	13.05	35.26	26.61	150.35	0.44	65.91	65.94	0.417
236	12.95	35.26	26.62	149.17	0.45	65.84	65.87	0.418
243	12.85	35.24	26.63	148.57	0.46	65.79	65.82	0.418
246	12.74	35.20	26.62	149.22	0.46	65.81	65.84	0.418
249	12.68	35.20	26.63	148.32	0.47	65.86	65.89	0.417
254	12.59	35.19	26.64	147.42	0.47	65.81	65.84	0.418
259	12.48	35.17	26.64	147.32	0.48	65.84	65.87	0.418
263	12.35	35.18	26.68	144.30	0.49	65.91	65.94	0.417
266	12.31	35.17	26.68	143.82	0.49	65.84	65.87	0.418
270	12.22	35.16	26.69	143.00	0.50	65.81	65.84	0.418
273	12.14	35.15	26.70	142.44	0.50	65.84	65.87	0.418
276	12.01	35.15	26.72	140.10	0.51	65.86	65.89	0.417
280	11.95	35.13	26.72	140.42	0.51	65.84	65.87	0.418
283	11.85	35.09	26.71	141.61	0.52	65.84	65.87	0.418
286	11.79	35.10	26.73	140.01	0.52	65.91	65.94	0.416
290	11.69	35.10	26.74	138.26	0.52	65.91	65.94	0.416
293	11.64	35.13	26.78	135.26	0.53	65.86	65.90	0.417
297	11.52	35.08	26.76	136.45	0.53	65.91	65.94	0.416
300	11.43	35.08	26.78	135.03	0.54	65.91	65.94	0.416
303	11.33	35.05	26.77	135.52	0.54	65.91	65.95	0.416
307	11.23	35.05	26.79	134.00	0.55	65.98	66.02	0.415
310	11.14	35.06	26.82	131.70	0.55	65.98	66.02	0.415
314	11.10	35.05	26.81	131.86	0.56	66.01	66.04	0.415
317	11.03	35.02	26.81	132.42	0.56	65.96	66.00	0.416
320	10.87	35.02	26.83	129.97	0.57	66.01	66.04	0.415
324	10.82	35.01	26.83	130.25	0.57	66.08	66.12	0.414
327	10.74	35.00	26.84	129.18	0.57	66.03	66.07	0.415
330	10.67	34.98	26.84	129.82	0.58	66.13	66.17	0.413
334	10.62	35.01	26.87	127.01	0.58	66.10	66.14	0.413
337	10.58	34.98	26.85	128.40	0.59	66.15	66.19	0.413
342	10.47	34.92	26.83	131.01	0.59	66.13	66.17	0.413
346	10.29	34.96	26.89	124.69	0.60	66.08	66.12	0.414
349	10.24	34.93	26.88	126.22	0.60	66.15	66.19	0.413
354	10.15	34.91	26.87	126.45	0.61	66.10	66.15	0.413
359	10.08	34.90	26.88	125.84	0.62	66.25	66.29	0.411
364	9.97	34.91	26.91	123.47	0.62	66.03	66.07	0.415
368	9.90	34.90	26.91	123.31	0.63	66.20	66.24	0.412
373	9.86	34.92	26.93	121.31	0.63	66.20	66.24	0.412
378	9.80	34.88	26.91	122.98	0.64	66.22	66.27	0.412
381	9.76	34.88	26.92	122.48	0.64	66.25	66.29	0.411
386	9.62	34.88	26.94	120.18	0.65	66.25	66.29	0.411
390	9.57	34.86	26.93	121.34	0.65	66.32	66.37	0.410
395	9.45	34.88	26.97	117.60	0.66	66.17	66.22	0.412
398	9.41	34.84	26.95	119.85	0.66	66.25	66.30	0.411
401	9.34	34.85	26.96	118.38	0.67	66.25	66.30	0.411
405	9.32	34.85	26.97	117.97	0.67	66.22	66.27	0.412
408	9.23	34.87	27.00	115.43	0.67	66.22	66.27	0.412
412	9.20	34.84	26.98	117.22	0.68	66.08	66.13	0.414

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DEPTH	TEMP	SAL	SIG-T	SVA	DELD	% TR	POT TR	POT C
415	9.11	34.83	26.99	116.33	0.68	66.25	66.30	0.411
418	9.09	34.82	26.99	116.50	0.69	66.27	66.32	0.411
422	9.02	34.83	27.00	115.12	0.69	66.22	66.27	0.411
425	8.98	34.81	26.99	115.86	0.69	66.25	66.30	0.411
428	8.90	34.82	27.01	113.99	0.70	66.20	66.25	0.412
432	8.83	34.82	27.03	112.63	0.70	66.25	66.30	0.411
435	8.75	34.78	27.01	114.69	0.71	66.25	66.30	0.411
439	8.61	34.78	27.03	112.53	0.71	66.25	66.30	0.411
442	8.56	34.77	27.03	112.30	0.71	66.25	66.30	0.411
447	8.44	34.75	27.03	111.95	0.72	66.34	66.40	0.410
452	8.37	34.75	27.04	111.44	0.72	66.32	66.37	0.410
455	8.34	34.75	27.05	110.72	0.73	66.34	66.40	0.410
459	8.26	34.70	27.02	112.98	0.73	66.34	66.40	0.410
464	8.13	34.71	27.05	110.70	0.74	66.39	66.45	0.409
467	8.09	34.71	27.06	110.00	0.74	66.34	66.40	0.410
472	8.02	34.76	27.10	105.76	0.75	66.37	66.43	0.409
479	7.89	34.66	27.04	110.94	0.75	66.34	66.40	0.410
483	7.80	34.71	27.09	106.32	0.76	66.34	66.40	0.410
486	7.74	34.67	27.07	108.10	0.76	66.37	66.43	0.409
491	7.66	34.69	27.11	105.24	0.77	66.39	66.45	0.409
496	7.57	34.70	27.12	103.51	0.77	66.37	66.43	0.409
499	7.52	34.69	27.12	103.69	0.78	66.42	66.48	0.408
504	7.44	34.64	27.10	105.92	0.78	66.44	66.50	0.408
508	7.32	34.64	27.11	104.64	0.78	66.42	66.48	0.408
511	7.26	34.65	27.13	102.70	0.79	66.46	66.53	0.408
515	7.18	34.62	27.12	103.88	0.79	66.44	66.50	0.408
518	7.10	34.65	27.15	101.01	0.79	66.42	66.48	0.408
521	7.09	34.62	27.13	103.13	0.80	66.51	66.58	0.407
526	7.01	34.63	27.15	101.03	0.80	66.51	66.58	0.407
530	6.98	34.62	27.14	101.52	0.81	66.46	66.53	0.408
533	6.97	34.60	27.13	102.50	0.81	66.51	66.58	0.407
537	6.92	34.63	27.16	99.89	0.81	66.54	66.60	0.407
540	6.88	34.60	27.14	101.83	0.82	66.54	66.60	0.407
543	6.84	34.60	27.15	101.34	0.82	66.51	66.58	0.407
547	6.79	34.60	27.15	100.57	0.82	66.49	66.55	0.407
553	6.72	34.61	27.17	99.17	0.83	66.51	66.58	0.407
557	6.66	34.57	27.15	100.88	0.83	66.54	66.60	0.407
560	6.62	34.59	27.17	98.79	0.84	66.51	66.58	0.407
565	6.58	34.60	27.18	97.97	0.84	66.51	66.58	0.407
570	6.51	34.61	27.20	96.08	0.85	66.41	66.48	0.408
575	6.49	34.59	27.19	97.17	0.85	66.54	66.61	0.406
582	6.38	34.54	27.17	99.52	0.86	66.49	66.56	0.407
586	6.32	34.56	27.18	97.87	0.86	66.58	66.66	0.406
589	6.30	34.55	27.18	97.79	0.87	66.49	66.56	0.407
592	6.28	34.57	27.19	96.69	0.87	66.54	66.61	0.406
596	6.24	34.56	27.20	96.36	0.87	66.54	66.61	0.406
599	6.20	34.45	27.11	104.34	0.88	66.58	66.66	0.406
602	6.20	34.56	27.20	96.33	0.88	66.49	66.56	0.407
606	6.13	34.53	27.19	97.35	0.88	66.54	66.61	0.406
609	6.11	34.58	27.23	93.23	0.89	66.54	66.61	0.406
613	6.13	34.54	27.20	96.51	0.89	66.49	66.56	0.407
618	6.03	34.55	27.21	95.25	0.89	66.61	66.68	0.405
621	6.03	34.53	27.20	96.57	0.90	66.58	66.66	0.406
626	5.98	34.56	27.23	93.25	0.90	66.54	66.61	0.406
629	5.93	34.58	27.25	91.48	0.90	66.51	66.59	0.407
633	5.90	34.56	27.24	92.83	0.91	66.53	66.61	0.406
636	5.88	34.53	27.22	94.18	0.91	66.51	66.59	0.407

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DEPTH	TEMP	SAL	SIG-T	SVA	DELD	% TR	POT TR	POT C
646	5.79	34.54	27.24	92.56	0.92	66.56	66.64	0.406
656	5.69	34.53	27.24	92.42	0.93	66.58	66.66	0.406
667	5.60	34.51	27.24	92.58	0.94	66.58	66.66	0.406
677	5.53	34.53	27.26	90.59	0.95	66.56	66.64	0.406
690	5.44	34.51	27.25	91.20	0.96	66.56	66.64	0.406
700	5.36	34.51	27.27	89.97	0.97	66.56	66.64	0.406
712	5.31	34.48	27.25	91.47	0.98	66.53	66.62	0.406
724	5.22	34.50	27.28	88.99	0.99	66.58	66.67	0.406
737	5.16	34.51	27.29	88.18	1.00	66.53	66.62	0.406
748	5.09	34.49	27.28	88.74	1.01	66.48	66.58	0.407
758	5.02	34.55	27.34	83.58	1.02	66.58	66.67	0.405
768	4.95	34.50	27.31	86.12	1.03	66.53	66.63	0.406
778	4.90	34.53	27.33	83.75	1.04	66.61	66.70	0.405
790	4.85	34.52	27.33	83.85	1.05	66.56	66.65	0.406
802	4.80	34.49	27.31	85.90	1.06	66.43	66.53	0.408
812	4.76	34.51	27.34	83.54	1.07	66.48	66.58	0.407
822	4.68	34.51	27.35	82.60	1.07	66.53	66.63	0.406
832	4.63	34.51	27.35	82.23	1.08	66.43	66.54	0.408
844	4.57	34.51	27.36	81.81	1.09	66.60	66.71	0.405
856	4.51	34.50	27.36	81.83	1.10	66.63	66.73	0.405
867	4.48	34.52	27.37	80.18	1.11	66.65	66.76	0.404
877	4.46	34.52	27.38	80.10	1.12	66.60	66.71	0.405
889	4.41	34.53	27.39	78.64	1.13	66.55	66.66	0.406
903	4.35	34.52	27.39	78.80	1.14	66.65	66.76	0.404
913	4.34	34.58	27.43	74.76	1.15	66.53	66.64	0.406
923	4.34	34.56	27.42	75.98	1.15	66.60	66.72	0.405
933	4.31	34.54	27.41	77.46	1.16	66.63	66.74	0.404
943	4.29	34.53	27.41	77.38	1.17	66.58	66.69	0.405
955	4.26	34.57	27.44	74.51	1.18	66.48	66.60	0.407
965	4.24	34.59	27.45	73.20	1.19	66.50	66.62	0.406
975	4.23	34.56	27.44	74.78	1.19	66.58	66.70	0.405
987	4.22	34.58	27.45	73.23	1.20	66.58	66.70	0.405
999	4.21	34.61	27.47	71.71	1.21	66.55	66.68	0.405
1009	4.19	34.59	27.46	72.85	1.22	66.50	66.63	0.406
1021	4.18	34.61	27.48	71.28	1.23	66.60	66.73	0.405
1031	4.16	34.62	27.49	70.42	1.23	66.58	66.70	0.405
1041	4.15	34.65	27.51	68.34	1.24	66.53	66.66	0.406
1053	4.14	34.67	27.53	66.82	1.25	66.48	66.61	0.406
1063	4.14	34.66	27.52	67.70	1.26	66.53	66.66	0.406
1073	4.13	34.65	27.52	68.06	1.26	66.50	66.63	0.406
1083	4.12	34.66	27.52	67.62	1.27	66.48	66.61	0.406
1093	4.12	34.68	27.54	65.66	1.28	66.45	66.59	0.407
1103	4.12	34.70	27.55	64.89	1.28	58.71	58.87	0.530
1115	4.08	34.68	27.54	66.03	1.29	66.53	66.66	0.406
1125	4.09	34.69	27.55	64.90	1.30	66.57	66.71	0.405
1135	4.09	34.72	27.58	62.94	1.30	66.53	66.67	0.406
1147	4.09	34.68	27.55	65.92	1.31	66.55	66.69	0.405
1161	4.08	34.70	27.56	64.46	1.32	66.55	66.69	0.405
1172	4.07	34.71	27.57	64.12	1.33	66.55	66.69	0.405
1186	4.06	34.75	27.60	60.96	1.34	66.57	66.72	0.405
1198	4.05	34.72	27.58	63.50	1.34	66.48	66.62	0.406
1208	4.04	34.75	27.61	60.67	1.35	66.45	66.60	0.407
1218	4.05	34.79	27.64	57.90	1.35	66.57	66.72	0.405
1230	4.04	34.78	27.63	59.20	1.36	66.52	66.68	0.405
1240	4.05	34.78	27.63	58.90	1.37	66.52	66.68	0.405
1250	4.05	34.79	27.64	58.14	1.37	66.50	66.65	0.406
1260	4.04	34.81	27.65	56.94	1.38	66.47	66.63	0.406

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DEPTH	TEMP	SAL	SIG-T	SVA	DELD	% TR	POT TR	POT C
1270	4.02	34.81	27.66	56.41	1.39	66.52	66.68	0.405
1280	4.02	34.82	27.66	56.09	1.39	66.50	66.66	0.406
1292	4.02	34.84	27.68	54.96	1.40	66.50	66.66	0.406
1302	4.00	34.82	27.66	56.11	1.40	66.52	66.68	0.405
1314	3.98	34.83	27.68	54.86	1.41	66.50	66.66	0.406
1324	3.96	34.82	27.67	55.99	1.42	66.50	66.66	0.406
1334	3.98	34.86	27.70	52.94	1.42	66.52	66.69	0.405
1344	3.97	34.85	27.69	54.13	1.43	66.52	66.69	0.405
1354	3.96	34.85	27.69	53.73	1.43	66.42	66.59	0.407
1364	3.95	34.88	27.72	51.63	1.44	66.47	66.64	0.406
1374	3.94	34.89	27.73	50.49	1.44	66.52	66.69	0.405
1385	3.95	34.88	27.72	51.36	1.45	66.47	66.64	0.406
1395	3.94	34.91	27.74	49.72	1.45	66.50	66.67	0.406
1406	3.92	34.92	27.75	48.92	1.46	66.52	66.69	0.405
1418	3.92	34.88	27.72	51.87	1.46	66.47	66.65	0.406
1428	3.91	34.92	27.75	49.07	1.47	66.50	66.67	0.406
1442	3.90	34.92	27.75	48.76	1.48	66.47	66.65	0.406
1455	3.92	34.91	27.75	49.48	1.48	66.42	66.60	0.407
1469	3.91	34.58	27.48	73.92	1.49	66.42	66.60	0.407
1479	3.90	34.92	27.76	48.88	1.50	66.47	66.65	0.406
1489	3.89	34.92	27.76	48.81	1.50	66.47	66.65	0.406
1499	3.89	34.92	27.76	48.78	1.51	66.50	66.68	0.405
1511	3.87	34.95	27.78	46.79	1.51	66.35	66.53	0.408
1522	3.86	34.92	27.76	48.86	1.52	66.47	66.66	0.406
1534	3.85	34.96	27.79	45.66	1.52	66.45	66.63	0.406
1544	3.83	34.96	27.80	45.53	1.53	66.40	66.59	0.407
1554	3.84	34.93	27.77	48.09	1.53	66.42	66.61	0.406
1564	3.83	34.97	27.80	45.24	1.54	66.42	66.61	0.406
1575	3.81	34.92	27.76	48.79	1.54	66.40	66.59	0.407
1585	3.79	34.91	27.76	49.16	1.55	66.37	66.57	0.407
1596	3.78	34.92	27.77	48.39	1.55	66.40	66.59	0.407
1608	3.76	34.94	27.78	47.15	1.56	66.37	66.57	0.407
1618	3.77	34.94	27.79	46.80	1.56	66.44	66.64	0.406
1628	3.75	34.94	27.79	46.72	1.57	66.40	66.60	0.407
1638	3.74	34.93	27.78	47.51	1.57	66.47	66.67	0.406
1649	3.73	34.97	27.81	44.67	1.58	66.44	66.65	0.406
1660	3.70	34.94	27.79	46.61	1.58	66.44	66.65	0.406
1670	3.69	34.95	27.80	45.78	1.59	66.42	66.62	0.406
1680	3.68	34.95	27.80	45.34	1.59	66.39	66.60	0.407
1691	3.67	34.96	27.81	44.92	1.60	66.42	66.63	0.406
1701	3.66	34.95	27.80	45.68	1.60	62.41	62.64	0.468
1712	3.66	34.97	27.82	44.23	1.61	66.42	66.63	0.406
1724	3.65	34.98	27.83	43.41	1.61	66.35	66.56	0.407
1734	3.65	34.97	27.82	43.83	1.62	66.42	66.63	0.406
1744	3.63	34.97	27.82	44.23	1.62	66.44	66.66	0.406
1754	3.62	34.96	27.81	45.03	1.62	66.39	66.61	0.406
1764	3.61	34.92	27.78	47.79	1.63	66.34	66.56	0.407
1776	3.59	34.97	27.83	43.73	1.63	66.42	66.64	0.406
1786	3.59	34.95	27.81	45.36	1.64	66.37	66.59	0.407
1796	3.58	34.94	27.80	46.15	1.64	66.30	66.52	0.408
1806	3.56	34.95	27.81	45.31	1.65	66.32	66.54	0.407
1818	3.55	34.99	27.85	42.08	1.65	66.32	66.54	0.407
1830	3.54	34.94	27.81	45.34	1.66	66.29	66.52	0.408
1840	3.53	34.93	27.80	46.59	1.66	66.34	66.57	0.407
1850	3.52	34.94	27.81	45.71	1.67	66.37	66.60	0.407
1860	3.50	34.92	27.79	47.27	1.67	66.37	66.60	0.407
1872	3.48	34.95	27.82	44.42	1.68	66.34	66.57	0.407

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DEPTH	TEMP	SAL	SIG-T	SVA	DELD	% TR	POT TR	POT C
1884	3.47	34.95	27.82	44.45	1.68	66.29	66.53	0.408
1895	3.46	34.96	27.83	44.10	1.69	66.32	66.55	0.407
1907	3.45	34.95	27.82	44.54	1.69	66.32	66.55	0.407
1919	3.44	34.99	27.85	41.77	1.70	66.32	66.55	0.407
1929	3.43	34.91	27.80	46.96	1.70	66.22	66.46	0.409
1939	3.42	34.95	27.82	44.55	1.71	66.29	66.53	0.408
1949	3.42	34.98	27.85	42.09	1.71	66.29	66.53	0.408
1961	3.40	35.01	27.88	39.66	1.72	66.19	66.44	0.409
1971	3.39	34.98	27.85	42.07	1.72	66.24	66.49	0.408
1983	3.38	34.97	27.85	42.50	1.73	66.19	66.44	0.409
1994	3.38	34.98	27.86	41.81	1.73	66.27	66.51	0.408
2005	3.36	34.99	27.87	40.93	1.73	66.27	66.51	0.408
2015	3.37	34.95	27.83	44.20	1.74	66.17	66.42	0.409
2026	3.35	34.97	27.85	42.59	1.74	66.29	66.54	0.407
2036	3.35	34.95	27.83	44.19	1.75	66.19	66.44	0.409
2047	3.33	34.94	27.83	44.59	1.75	66.17	66.42	0.409
2057	3.32	34.95	27.84	43.72	1.76	66.19	66.45	0.409
2067	3.31	35.00	27.88	40.07	1.76	66.14	66.40	0.410
2078	3.31	34.98	27.86	41.34	1.77	66.17	66.42	0.409
2092	3.29	34.99	27.87	40.60	1.77	66.22	66.47	0.408
2104	3.28	35.00	27.88	40.25	1.78	66.24	66.50	0.408
2115	3.28	34.96	27.85	42.75	1.78	66.19	66.45	0.409
2125	3.27	34.97	27.86	42.30	1.79	66.12	66.38	0.410
2137	3.25	34.93	27.83	44.74	1.79	66.19	66.46	0.409
2149	3.24	34.95	27.85	43.19	1.80	66.19	66.46	0.409
2159	3.24	34.97	27.86	41.96	1.80	66.14	66.41	0.409
2171	3.23	34.96	27.85	42.79	1.81	66.19	66.46	0.409
2181	3.21	34.95	27.85	42.73	1.81	66.17	66.44	0.409
2192	3.20	34.96	27.86	42.36	1.81	66.24	66.51	0.408
2202	3.18	34.95	27.85	42.68	1.82	66.14	66.41	0.409
2214	3.17	34.97	27.87	41.12	1.82	66.17	66.44	0.409
2229	3.16	34.94	27.85	43.30	1.83	66.17	66.44	0.409
2239	3.15	34.97	27.87	41.24	1.83	66.09	66.37	0.410
2251	3.15	34.99	27.88	40.11	1.84	66.19	66.47	0.409
2263	3.13	34.97	27.87	41.28	1.84	66.14	66.42	0.409
2273	3.12	34.97	27.87	40.85	1.85	66.17	66.45	0.409
2283	3.11	34.96	27.87	41.62	1.85	66.12	66.40	0.410
2293	3.10	34.98	27.88	39.98	1.86	66.17	66.45	0.409
2303	3.10	34.96	27.86	42.02	1.86	66.09	66.38	0.410
2315	3.08	34.94	27.85	43.25	1.87	66.09	66.38	0.410
2325	3.08	34.97	27.88	40.79	1.87	66.14	66.43	0.409
2337	3.07	34.92	27.84	44.07	1.88	66.16	66.45	0.409
2347	3.06	34.95	27.86	42.00	1.88	66.07	66.36	0.410
2357	3.05	34.97	27.88	40.75	1.88	66.16	66.45	0.409
2367	3.04	34.98	27.89	39.91	1.89	66.12	66.41	0.409
2377	3.03	34.97	27.88	40.66	1.89	66.09	66.38	0.410
2389	3.02	34.94	27.86	42.71	1.90	66.07	66.36	0.410
2402	3.00	34.96	27.88	40.78	1.90	66.11	66.41	0.409
2412	3.00	34.94	27.86	42.42	1.91	66.09	66.39	0.410
2424	2.99	34.93	27.85	43.23	1.91	66.07	66.36	0.410
2434	3.00	34.95	27.87	41.68	1.92	66.02	66.32	0.411
2445	2.99	34.95	27.87	41.68	1.92	66.02	66.32	0.411
2456	2.98	34.95	27.87	42.03	1.92	65.97	66.27	0.412
2467	2.97	34.93	27.86	42.88	1.93	66.02	66.32	0.411
2479	2.96	34.94	27.87	42.09	1.93	66.02	66.32	0.411
2491	2.95	34.93	27.86	42.95	1.94	66.02	66.32	0.411
2501	2.95	34.94	27.87	42.13	1.94	66.04	66.35	0.410

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DEPTH	TEMP	SAL	SIG-T	SVA	DELD	% TR	POT TR	POT C
2511	2.94	34.95	27.87	41.68	1.95	66.06	66.37	0.410
2521	2.92	34.96	27.88	40.39	1.95	66.02	66.33	0.411
2533	2.91	34.95	27.88	41.20	1.96	65.97	66.28	0.411
2543	2.91	34.92	27.85	43.24	1.96	65.99	66.30	0.411
2554	2.91	34.94	27.87	42.11	1.97	65.99	66.31	0.411
2564	2.89	34.97	27.89	39.58	1.97	66.04	66.36	0.410
2576	2.89	34.93	27.86	42.45	1.98	66.01	66.33	0.411
2586	2.89	34.95	27.88	41.26	1.98	66.04	66.36	0.410
2596	2.87	34.98	27.90	39.15	1.98	66.06	66.38	0.410
2606	2.87	34.94	27.87	41.96	1.99	65.99	66.31	0.411
2616	2.85	34.97	27.90	39.47	1.99	66.01	66.34	0.411
2626	2.86	34.93	27.86	42.69	2.00	65.94	66.27	0.412
2636	2.85	34.97	27.89	39.88	2.00	65.99	66.31	0.411
2646	2.83	34.94	27.88	41.40	2.00	65.94	66.27	0.412
2656	2.84	34.93	27.87	42.20	2.01	65.96	66.29	0.411
2666	2.82	34.95	27.88	40.94	2.01	65.89	66.22	0.412
2676	2.82	34.94	27.88	41.35	2.02	65.94	66.27	0.412
2688	2.81	34.95	27.89	40.56	2.02	65.92	66.25	0.412
2700	2.81	34.96	27.90	39.78	2.03	65.94	66.27	0.412
2712	2.80	34.96	27.90	39.83	2.03	65.96	66.30	0.411
2727	2.80	34.94	27.88	41.19	2.04	65.94	66.28	0.411
2738	2.79	34.95	27.89	40.82	2.04	65.94	66.28	0.411
2748	2.78	34.94	27.88	41.58	2.05	65.94	66.28	0.411
2758	2.77	34.94	27.88	41.13	2.05	65.89	66.23	0.412
2768	2.77	34.90	27.85	43.97	2.05	65.84	66.18	0.413
2778	2.77	34.93	27.87	41.95	2.06	65.82	66.16	0.413
2790	2.76	34.95	27.89	40.76	2.06	65.84	66.19	0.413
2800	2.76	34.95	27.89	40.32	2.07	65.82	66.16	0.413
2815	2.75	34.94	27.88	41.68	2.07	65.82	66.16	0.413
2825	2.75	34.94	27.88	41.65	2.08	65.79	66.14	0.413
2837	2.74	35.05	27.97	33.25	2.08	65.86	66.21	0.412
2847	2.73	34.93	27.88	41.94	2.09	65.79	66.14	0.413
2857	2.72	34.95	27.89	40.77	2.09	65.74	66.10	0.414
2869	2.71	34.93	27.88	41.61	2.09	65.77	66.12	0.414
2880	2.71	34.93	27.88	41.64	2.10	65.74	66.10	0.414
2890	2.70	34.90	27.85	44.00	2.10	65.74	66.10	0.414
2901	2.70	34.93	27.88	42.00	2.11	65.81	66.17	0.413
2911	2.70	34.95	27.89	40.75	2.11	65.74	66.10	0.414
2922	2.69	34.95	27.90	40.34	2.12	65.84	66.20	0.413
2932	2.69	34.93	27.88	41.52	2.12	65.84	66.20	0.413
2946	2.68	34.95	27.90	39.98	2.13	65.84	66.20	0.413
2957	2.68	34.91	27.86	43.26	2.13	65.74	66.11	0.414
2967	2.67	34.91	27.87	42.84	2.14	65.81	66.18	0.413
2979	2.67	34.95	27.90	40.47	2.14	65.84	66.21	0.413
2991	2.66	34.91	27.87	42.83	2.15	65.79	66.16	0.413
3002	2.66	34.91	27.87	42.92	2.15	65.76	66.14	0.414
3012	2.64	34.94	27.89	40.83	2.15	65.84	66.21	0.412
3023	2.64	34.94	27.89	40.81	2.16	65.79	66.16	0.413
3034	2.64	34.93	27.88	41.65	2.16	65.79	66.16	0.413
3044	2.63	34.92	27.88	41.96	2.17	65.76	66.14	0.414
3054	2.63	34.94	27.89	41.15	2.17	65.84	66.21	0.412
3064	2.62	34.92	27.88	42.28	2.18	65.71	66.09	0.414
3078	2.62	34.93	27.89	41.63	2.18	65.74	66.12	0.414
3088	2.61	34.94	27.89	40.73	2.19	65.76	66.14	0.413
3099	2.61	34.92	27.88	42.36	2.19	65.74	66.12	0.414
3109	2.61	34.93	27.89	41.58	2.19	65.74	66.12	0.414
3121	2.61	34.91	27.87	42.76	2.20	65.79	66.17	0.413

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DEPTH	TEMP	SAL	SIG-T	SVA	DELD	% TR	POT TR	POT C
3133	2.59	34.94	27.90	40.77	2.20	65.69	66.08	0.414
3144	2.60	34.93	27.89	41.63	2.21	65.79	66.18	0.413
3154	2.59	34.93	27.89	41.58	2.21	65.76	66.15	0.413
3164	2.59	34.94	27.90	40.77	2.22	65.74	66.13	0.414
3174	2.59	34.94	27.89	41.10	2.22	65.64	66.03	0.415
3184	2.58	34.91	27.87	43.02	2.23	65.71	66.11	0.414
3196	2.58	34.95	27.91	39.91	2.23	65.64	66.04	0.415
3208	2.58	34.94	27.90	41.09	2.24	65.61	66.01	0.415
3220	2.57	34.93	27.89	41.93	2.24	65.69	66.09	0.414
3230	2.57	34.94	27.90	41.10	2.24	65.61	66.01	0.415
3241	2.56	34.94	27.90	41.12	2.25	65.64	66.04	0.415
3253	2.56	34.94	27.90	41.14	2.25	65.59	65.99	0.416
3265	2.56	34.94	27.90	41.12	2.26	65.59	65.99	0.416
3275	2.55	34.93	27.89	41.86	2.26	65.66	66.07	0.415
3285	2.55	34.90	27.87	43.45	2.27	65.61	66.02	0.415
3296	2.55	34.93	27.89	41.46	2.27	65.64	66.05	0.415
3308	2.54	34.92	27.88	42.25	2.28	65.61	66.02	0.415
3318	2.54	34.94	27.90	40.64	2.28	65.61	66.02	0.415
3328	2.54	34.94	27.90	41.00	2.29	65.61	66.03	0.415
3338	2.54	34.89	27.86	44.55	2.29	65.64	66.05	0.415
3348	2.53	34.92	27.89	42.17	2.29	65.61	66.03	0.415
3358	2.53	34.92	27.88	42.49	2.30	65.64	66.05	0.415
3368	2.53	34.92	27.88	42.83	2.30	65.56	65.98	0.416
3380	2.52	34.92	27.89	42.45	2.31	65.56	65.98	0.416
3391	2.51	34.93	27.89	41.61	2.31	65.59	66.01	0.416
3403	2.51	34.94	27.90	41.27	2.32	65.56	65.98	0.416
3413	2.51	34.94	27.90	41.20	2.32	65.54	65.96	0.416
3423	2.50	34.94	27.90	41.15	2.33	65.54	65.96	0.416
3433	2.51	34.94	27.91	40.73	2.33	65.54	65.96	0.416
3443	2.50	34.95	27.91	40.27	2.33	65.49	65.92	0.417
3455	2.50	34.94	27.91	40.68	2.34	65.51	65.94	0.417
3466	2.50	34.94	27.90	41.08	2.34	65.51	65.94	0.416
3476	2.50	34.89	27.86	44.61	2.35	65.49	65.92	0.417
3488	2.49	34.91	27.88	43.48	2.35	65.51	65.95	0.416
3498	2.49	34.92	27.89	42.65	2.36	65.46	65.90	0.417
3510	2.48	34.94	27.91	40.63	2.36	65.49	65.92	0.417
3521	2.48	34.94	27.91	41.02	2.37	65.49	65.92	0.417
3533	2.48	34.90	27.87	43.87	2.37	65.44	65.88	0.417
3543	2.47	34.94	27.91	41.00	2.38	65.49	65.93	0.417
3553	2.47	34.90	27.87	44.12	2.38	65.41	65.86	0.418
3565	2.46	34.93	27.90	41.37	2.39	65.46	65.91	0.417
3575	2.46	34.92	27.89	42.45	2.39	65.44	65.88	0.417
3586	2.45	34.92	27.89	42.49	2.39	65.44	65.88	0.417
3596	2.46	34.91	27.88	43.29	2.40	65.44	65.88	0.417
3608	2.45	34.93	27.90	42.09	2.40	65.49	65.93	0.417
3618	2.44	34.90	27.87	44.01	2.41	65.41	65.86	0.418
3630	2.45	34.92	27.89	42.45	2.41	65.46	65.91	0.417
3641	2.44	34.91	27.88	43.20	2.42	65.46	65.91	0.417
3651	2.44	34.89	27.87	44.31	2.42	65.41	65.87	0.418
3661	2.43	34.91	27.89	43.11	2.43	65.39	65.84	0.418
3671	2.43	34.91	27.89	43.02	2.43	65.41	65.87	0.418
3683	2.43	34.89	27.87	44.62	2.44	65.41	65.87	0.418
3693	2.43	34.91	27.89	43.05	2.44	65.49	65.94	0.416
3705	2.43	34.91	27.89	43.00	2.45	65.36	65.82	0.418
3716	2.41	34.91	27.88	43.36	2.45	65.41	65.87	0.418
3728	2.42	34.92	27.90	42.24	2.46	65.39	65.85	0.418
3738	2.42	34.89	27.87	44.55	2.46	65.41	65.88	0.418

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DEPTH	TEMP	SAL	SIG-T	SVA	DELD	% TR	POT TR	POT C
3748	2.41	34.90	27.88	44.08	2.46	65.36	65.83	0.418
3758	2.41	34.90	27.88	43.64	2.47	65.41	65.88	0.417
3768	2.40	34.91	27.89	43.14	2.47	65.34	65.81	0.419
3778	2.41	34.90	27.88	43.92	2.48	65.39	65.86	0.418
3788	2.39	34.91	27.89	43.05	2.48	65.41	65.88	0.417
3798	2.39	34.91	27.89	42.96	2.49	65.31	65.79	0.419
3808	2.40	34.91	27.89	42.99	2.49	65.34	65.81	0.419
3820	2.39	34.91	27.89	42.98	2.50	65.24	65.71	0.420
3830	2.40	34.89	27.87	44.90	2.50	65.21	65.69	0.420
3840	2.39	34.88	27.87	45.19	2.50	65.34	65.81	0.418
3851	2.38	34.90	27.88	44.00	2.51	65.34	65.82	0.418
3861	2.39	34.91	27.89	43.55	2.51	65.34	65.82	0.418
3873	2.37	34.90	27.88	43.93	2.52	65.36	65.84	0.418
3883	2.38	34.90	27.88	43.93	2.52	65.31	65.79	0.419
3893	2.37	34.89	27.88	44.23	2.53	65.26	65.75	0.419
3903	2.37	34.90	27.88	43.80	2.53	65.24	65.72	0.420
3913	2.37	34.88	27.87	45.28	2.54	65.29	65.77	0.419
3923	2.37	34.89	27.88	44.48	2.54	65.31	65.80	0.419
3933	2.38	34.88	27.87	45.60	2.55	65.26	65.75	0.419
3944	2.37	34.90	27.88	44.04	2.55	65.26	65.75	0.419
3956	2.38	34.93	27.90	42.48	2.56	65.21	65.71	0.420
3968	2.37	34.89	27.88	44.80	2.56	65.29	65.78	0.419
3978	2.37	34.91	27.89	43.56	2.57	65.24	65.73	0.420
3989	2.38	34.90	27.88	44.80	2.57	65.26	65.76	0.419
3999	2.38	34.92	27.90	42.76	2.57	65.21	65.71	0.420
4011	2.37	34.90	27.88	44.69	2.58	65.21	65.71	0.420
4021	2.37	34.90	27.89	44.26	2.58	65.16	65.66	0.421
4031	2.36	34.91	27.89	43.75	2.59	65.21	65.71	0.420
4041	2.37	34.92	27.90	43.35	2.59	65.24	65.74	0.420
4052	2.36	34.94	27.91	41.75	2.60	65.19	65.69	0.420
4062	2.36	34.88	27.87	45.60	2.60	65.21	65.72	0.420
4072	2.36	34.93	27.91	42.43	2.61	65.14	65.65	0.421
4084	2.37	34.90	27.88	44.80	2.61	65.24	65.74	0.420
4094	2.36	34.90	27.89	44.33	2.62	65.14	65.65	0.421
4104	2.36	34.91	27.89	43.89	2.62	65.14	65.65	0.421
4114	2.36	34.89	27.88	45.40	2.63	65.19	65.70	0.420
4124	2.36	34.89	27.87	45.75	2.63	65.16	65.68	0.421
4134	2.37	34.89	27.88	45.32	2.63	65.14	65.65	0.421
4144	2.36	34.92	27.90	43.66	2.64	65.06	65.58	0.422
4156	2.36	34.91	27.89	44.01	2.64	65.09	65.61	0.422
4165	2.36	34.92	27.90	43.18	2.65	65.06	65.58	0.422
4175	2.37	34.91	27.89	44.33	2.65	65.11	65.63	0.421
4187	2.35	34.92	27.90	43.48	2.66	65.04	65.56	0.422
4197	2.37	34.90	27.88	45.05	2.66	65.09	65.61	0.422
4212	2.36	34.92	27.90	44.01	2.67	65.06	65.59	0.422
4222	2.36	34.93	27.91	42.75	2.67	64.94	65.47	0.424
4232	2.37	34.90	27.89	45.06	2.68	64.96	65.49	0.423
4242	2.37	34.88	27.87	46.58	2.68	64.96	65.49	0.423
4252	2.37	34.91	27.89	44.98	2.69	64.79	65.33	0.426
4262	2.37	34.93	27.90	43.69	2.69	64.84	65.38	0.425
4272	2.37	34.92	27.90	44.48	2.70	64.82	65.35	0.425
4282	2.38	34.89	27.88	46.35	2.70	64.82	65.35	0.425
4292	2.37	34.93	27.90	43.94	2.70	64.82	65.35	0.425
4302	2.37	34.94	27.92	42.69	2.71	64.79	65.33	0.426
4312	2.37	34.92	27.90	44.19	2.71	64.77	65.31	0.426
4322	2.37	34.91	27.89	44.95	2.72	64.74	65.29	0.427
4332	2.38	34.88	27.87	47.24	2.72	64.62	65.17	0.428

CONGO STA 42 20-05-78 2300 DN CAST

DEPTH	TEMP	SAL	SIG-T	SVA	DELD	% TR	POT TR	POT C
4343	2.37	34.94	27.91	43.35	2.73	64.67	65.22	0.428
4353	2.39	34.89	27.87	47.18	2.73	64.57	65.12	0.429
4363	2.38	34.92	27.90	44.39	2.74	64.62	65.17	0.428
4373	2.38	34.88	27.87	47.42	2.74	64.50	65.05	0.430
4385	2.38	34.90	27.88	46.29	2.75	64.52	65.08	0.430
4395	2.38	34.93	27.91	44.28	2.75	64.45	65.00	0.431
4406	2.39	34.92	27.89	45.44	2.76	64.43	64.98	0.431
4418	2.38	34.95	27.92	43.08	2.76	64.45	65.01	0.431
4430	2.39	34.89	27.87	47.33	2.77	64.40	64.96	0.432
4440	2.38	34.92	27.90	44.98	2.77	64.42	64.98	0.431
4449	2.38	34.94	27.91	44.12	2.78	64.45	65.01	0.431
4459	2.39	34.90	27.88	46.83	2.78	64.40	64.96	0.431
4469	2.39	34.90	27.88	46.78	2.78	64.38	64.94	0.432
4479	2.40	34.89	27.87	47.90	2.79	64.33	64.89	0.433
4489	2.39	34.89	27.87	47.84	2.79	64.18	64.75	0.435
4499	2.39	34.91	27.89	46.56	2.80	63.74	64.32	0.441

Table 47

CRUISE ID: CONGO

ENTER STATION #,DATE, AND TIME : STA 45 22-05-78 0010

OPEN OUTPUT FILE, THEN 'GO'*O O C45D;G

CONGO STA 45 22-05-78 0010 DN CAST

DEPTH	TEMP	SAL	SIG-T	SVA	DELD	% TR	POT TR	POT C
4	25.12	35.63	23.80	410.84	0.02	23.11	23.11	1.465
7	25.13	35.66	23.82	409.08	0.03	57.91	57.91	0.546
12	25.13	35.64	23.81	410.89	0.05	59.77	59.77	0.515
16	24.86	35.52	23.79	412.31	0.07	57.15	57.15	0.560
19	21.08	35.78	25.09	289.33	0.08	55.39	55.39	0.591
23	20.11	35.53	25.16	282.68	0.08	48.74	48.74	0.719
26	18.96	35.79	25.65	235.69	0.09	51.84	51.85	0.657
29	18.29	35.79	25.83	219.14	0.10	53.97	53.97	0.617
33	18.20	35.78	25.84	218.27	0.11	54.46	54.46	0.608
36	17.87	35.80	25.93	209.42	0.11	55.53	55.54	0.588
43	17.21	35.77	26.07	195.98	0.13	60.91	60.91	0.496
46	16.98	35.69	26.06	197.09	0.13	62.23	62.23	0.474
50	16.81	35.73	26.14	190.32	0.14	62.86	62.87	0.464
53	16.77	35.68	26.11	192.97	0.15	62.98	62.99	0.462
56	16.58	35.70	26.17	187.76	0.15	63.55	63.55	0.453
60	16.49	35.67	26.17	187.82	0.16	63.94	63.94	0.447
63	16.27	35.65	26.20	184.36	0.17	60.81	60.82	0.497
67	16.17	35.63	26.21	184.04	0.17	64.18	64.19	0.443
72	16.01	35.60	26.23	182.43	0.18	64.40	64.41	0.440
77	15.95	35.61	26.25	180.61	0.19	64.38	64.39	0.440
80	15.82	35.61	26.27	178.28	0.20	64.30	64.31	0.442
83	15.76	35.62	26.30	176.23	0.20	64.33	64.34	0.441
89	15.66	35.59	26.30	176.24	0.21	64.86	64.87	0.433
94	15.48	35.58	26.33	173.19	0.22	64.94	64.95	0.432
97	15.46	35.57	26.32	173.81	0.23	64.96	64.97	0.431
102	15.31	35.57	26.36	170.74	0.24	64.94	64.95	0.432
107	15.23	35.51	26.33	173.37	0.24	64.94	64.95	0.432
112	15.17	35.48	26.32	174.67	0.25	64.37	64.39	0.440
117	15.10	35.53	26.38	169.59	0.26	65.06	65.07	0.430
121	15.09	35.53	26.38	169.09	0.27	65.03	65.05	0.430
126	15.00	35.60	26.45	162.64	0.28	65.13	65.15	0.429
129	14.96	35.62	26.48	160.31	0.28	65.25	65.27	0.427
133	14.87	35.47	26.38	169.21	0.29	65.25	65.27	0.427
136	14.83	35.46	26.38	169.74	0.29	65.23	65.25	0.427
141	14.75	35.46	26.40	167.87	0.30	65.20	65.22	0.427
144	14.72	35.46	26.41	167.24	0.31	65.23	65.25	0.427
148	14.68	35.47	26.42	165.88	0.31	65.18	65.20	0.428
151	14.65	35.47	26.43	165.25	0.32	65.25	65.27	0.427
155	14.57	35.45	26.43	165.27	0.32	65.30	65.32	0.426
158	14.54	35.43	26.42	166.54	0.33	65.25	65.27	0.427
161	14.40	35.41	26.44	164.75	0.33	65.30	65.32	0.426
165	14.32	35.40	26.45	164.19	0.34	65.28	65.30	0.426
168	14.20	35.41	26.48	160.97	0.35	65.25	65.27	0.427
171	14.14	35.41	26.49	159.69	0.35	65.15	65.19	0.428
175	14.11	35.41	26.50	159.10	0.36	65.11	65.13	0.429
178	14.05	35.39	26.50	159.72	0.36	65.25	65.27	0.427
183	13.87	35.36	26.51	158.54	0.37	65.55	65.57	0.422
187	13.84	35.36	26.52	157.74	0.38	65.57	65.59	0.422
190	13.79	35.36	26.53	157.15	0.38	65.47	65.50	0.423
193	13.76	35.34	26.52	157.62	0.39	65.52	65.54	0.423
197	13.71	35.34	26.53	156.79	0.39	65.57	65.59	0.422

CONGO STA 45 22-05-78 0010 DN CAST

DEPTH	TEMP	SAL	SIG-T	SVA	DELD	% TR	POT TR	POT C
200	13.65	35.32	26.52	157.57	0.40	65.42	65.45	0.424
204	13.62	35.31	26.53	157.39	0.40	65.40	65.42	0.424
207	13.54	35.31	26.54	155.91	0.41	65.30	65.33	0.426
212	13.45	35.27	26.53	157.17	0.42	65.23	65.25	0.427
215	13.37	35.37	26.63	148.26	0.42	65.08	65.11	0.429
221	13.16	35.28	26.59	151.40	0.43	64.98	65.01	0.431
224	13.11	35.29	26.61	149.74	0.43	64.98	65.01	0.431
227	13.02	35.25	26.60	150.47	0.44	64.98	65.01	0.431
231	12.97	35.25	26.61	150.15	0.44	64.88	64.91	0.432
234	12.88	35.26	26.64	147.65	0.45	64.88	64.91	0.432
237	12.79	35.26	26.65	146.19	0.45	64.91	64.94	0.432
241	12.74	35.25	26.66	145.93	0.46	64.49	64.52	0.438
246	12.68	35.22	26.65	146.52	0.47	65.01	65.04	0.430
249	12.61	35.19	26.63	148.02	0.47	65.08	65.11	0.429
254	12.33	35.19	26.69	142.98	0.48	65.40	65.43	0.424
258	12.26	35.20	26.71	141.01	0.48	65.45	65.48	0.424
261	12.08	35.15	26.71	140.88	0.49	65.49	65.53	0.423
264	11.99	35.17	26.74	138.15	0.49	65.54	65.57	0.422
270	11.88	35.13	26.73	138.82	0.50	65.54	65.58	0.422
273	11.76	35.13	26.76	136.82	0.50	65.54	65.58	0.422
280	11.69	35.11	26.75	137.28	0.51	65.59	65.63	0.421
283	11.61	35.19	26.83	130.23	0.52	65.57	65.60	0.422
286	11.59	35.14	26.79	133.72	0.52	65.57	65.60	0.422
290	11.52	35.09	26.77	136.09	0.53	65.54	65.58	0.422
297	11.42	35.08	26.78	134.64	0.54	65.49	65.53	0.423
302	11.31	35.10	26.82	131.60	0.54	65.52	65.55	0.422
307	11.25	35.06	26.79	133.74	0.55	65.59	65.63	0.421
310	11.07	35.05	26.82	131.39	0.55	65.66	65.70	0.420
314	10.97	35.01	26.80	132.69	0.56	65.59	65.63	0.421
317	10.79	35.01	26.84	129.03	0.56	65.61	65.65	0.421
322	10.68	35.02	26.87	126.79	0.57	65.76	65.80	0.419
329	10.54	34.96	26.84	129.21	0.58	65.69	65.73	0.420
332	10.48	34.99	26.88	125.80	0.58	65.66	65.70	0.420
337	10.32	34.93	26.86	127.57	0.59	65.69	65.73	0.420
341	10.17	34.92	26.88	125.84	0.59	65.69	65.73	0.420
344	10.04	34.91	26.89	124.30	0.60	65.66	65.70	0.420
349	9.93	34.92	26.92	121.93	0.60	65.83	65.88	0.418
354	9.71	34.91	26.95	118.69	0.61	65.81	65.85	0.418
359	9.64	34.91	26.96	117.73	0.61	65.83	65.88	0.417
364	9.57	34.86	26.94	120.50	0.62	65.78	65.83	0.418
368	9.42	34.82	26.93	121.46	0.63	65.71	65.76	0.419
371	9.31	34.86	26.98	116.16	0.63	65.73	65.78	0.419
376	9.08	34.81	26.98	116.43	0.63	65.93	65.98	0.416
383	8.92	34.77	26.97	116.96	0.64	65.61	65.66	0.421
386	8.86	34.79	27.00	114.51	0.65	65.98	66.03	0.415
391	8.82	34.80	27.01	113.25	0.65	66.03	66.08	0.414
395	8.81	34.75	26.98	116.73	0.66	65.91	65.95	0.416
398	8.73	34.82	27.04	110.52	0.66	65.95	66.00	0.416
406	8.65	34.78	27.02	112.32	0.67	66.05	66.10	0.414
410	8.63	34.82	27.06	109.29	0.67	66.00	66.05	0.415
413	8.59	34.79	27.04	111.21	0.68	66.10	66.15	0.413
418	8.53	34.75	27.02	112.83	0.68	66.00	66.05	0.415
423	8.46	34.76	27.04	111.19	0.69	66.00	66.05	0.415
427	8.41	34.79	27.07	108.28	0.69	66.05	66.10	0.414
432	8.31	34.72	27.03	112.36	0.70	66.00	66.05	0.415
435	8.27	34.70	27.02	112.76	0.70	66.00	66.06	0.415
439	8.19	34.71	27.04	111.24	0.71	66.10	66.15	0.413

CONGO STA 45 22-05-78 0010 DN CAST

DEPTH	TEMP	SAL	SIG-T	SVA	DELD	% TR	POT TR	POT C
442	8.14	34.74	27.07	108.31	0.71	66.15	66.20	0.413
445	8.12	34.72	27.06	109.21	0.71	66.12	66.18	0.413
450	8.02	34.82	27.15	100.66	0.72	66.12	66.18	0.413
454	7.97	34.70	27.06	109.08	0.72	66.07	66.13	0.414
459	7.89	34.74	27.11	104.91	0.73	66.20	66.25	0.412
462	7.87	34.74	27.11	104.67	0.73	66.07	66.13	0.414
466	7.86	34.69	27.07	108.30	0.73	66.05	66.11	0.414
469	7.81	34.74	27.12	103.86	0.74	66.15	66.21	0.413
474	7.68	34.69	27.10	105.24	0.74	66.10	66.16	0.413
477	7.61	34.69	27.11	104.96	0.75	66.05	66.11	0.414
481	7.51	34.70	27.13	102.20	0.75	66.29	66.35	0.410
488	7.44	34.70	27.14	101.63	0.76	66.24	66.30	0.411
493	7.36	34.66	27.12	103.30	0.76	66.27	66.33	0.411
496	7.29	34.66	27.13	102.63	0.77	66.27	66.33	0.411
499	7.22	34.67	27.15	100.89	0.77	66.29	66.35	0.410
504	7.15	34.66	27.15	100.86	0.77	66.27	66.33	0.411
510	7.04	34.64	27.15	100.83	0.78	66.32	66.38	0.410
515	6.97	34.64	27.16	99.76	0.78	66.34	66.40	0.410
518	6.91	34.64	27.17	99.09	0.79	66.37	66.43	0.409
521	6.89	34.63	27.16	99.59	0.79	66.42	66.48	0.408
526	6.78	34.62	27.17	98.55	0.80	66.37	66.43	0.409
532	6.69	34.62	27.18	97.43	0.80	66.37	66.43	0.409
538	6.62	34.60	27.17	98.36	0.81	66.32	66.38	0.410
543	6.59	34.61	27.19	96.67	0.81	66.41	66.48	0.408
548	6.52	34.60	27.19	97.07	0.82	66.37	66.43	0.409
555	6.49	34.57	27.17	98.47	0.82	66.39	66.46	0.409
559	6.45	34.58	27.19	97.14	0.83	66.41	66.48	0.408
567	6.40	34.60	27.21	95.52	0.84	66.44	66.51	0.408
570	6.38	34.60	27.21	95.43	0.84	66.49	66.56	0.407
575	6.33	34.60	27.22	94.33	0.84	66.41	66.48	0.408
579	6.30	34.59	27.21	94.94	0.85	66.41	66.48	0.408
584	6.27	34.56	27.19	96.98	0.85	66.46	66.53	0.408
587	6.24	34.57	27.20	95.92	0.85	66.49	66.56	0.407
592	6.16	34.54	27.19	97.16	0.86	66.44	66.51	0.408
596	6.15	34.58	27.23	93.58	0.86	66.49	66.56	0.407
599	6.11	34.62	27.26	90.89	0.87	66.49	66.56	0.407
602	6.08	34.55	27.21	95.20	0.87	66.46	66.54	0.408
606	6.03	34.55	27.22	94.64	0.87	66.44	66.51	0.408
609	6.01	34.54	27.21	95.23	0.88	66.44	66.51	0.408
613	6.00	34.57	27.24	92.83	0.88	66.51	66.59	0.407
619	5.91	34.56	27.24	92.63	0.88	66.51	66.59	0.407
624	5.87	34.56	27.24	91.92	0.89	66.53	66.61	0.406
628	5.83	34.55	27.24	92.36	0.89	66.44	66.51	0.408
631	5.82	34.56	27.25	91.11	0.90	66.51	66.59	0.407
636	5.77	34.53	27.23	93.00	0.90	66.46	66.54	0.407
640	5.76	34.52	27.23	93.45	0.90	66.46	66.54	0.407
643	5.74	34.58	27.27	89.36	0.91	66.41	66.49	0.408
646	5.74	34.51	27.22	94.22	0.91	66.46	66.54	0.407
651	5.71	34.54	27.25	91.68	0.91	66.49	66.57	0.407
655	5.65	34.53	27.25	91.90	0.92	66.49	66.57	0.407
658	5.62	34.55	27.27	90.00	0.92	66.44	66.52	0.408
662	5.61	34.52	27.24	92.04	0.92	66.49	66.57	0.407
665	5.57	34.54	27.26	90.16	0.93	66.49	66.57	0.407
670	5.53	34.51	27.24	92.16	0.93	66.46	66.54	0.407
673	5.51	34.50	27.24	92.10	0.93	66.46	66.54	0.407
677	5.49	34.53	27.27	89.97	0.94	66.41	66.49	0.408
682	5.48	34.53	27.27	89.72	0.94	66.53	66.62	0.406

CONGO STA 45 22-05-78 0010 DN CAST

DEPTH	TEMP	SAL	SIG-T	SVA	DELD	% TR	POT TR	POT C
694	5.40	34.49	27.25	91.68	0.95	66.48	66.57	0.407
705	5.31	34.52	27.28	88.74	0.96	66.48	66.57	0.407
717	5.28	34.51	27.27	89.37	0.97	66.46	66.55	0.407
727	5.22	34.50	27.28	89.13	0.98	66.44	66.52	0.408
737	5.13	34.52	27.30	86.65	0.99	66.51	66.60	0.407
748	5.08	34.48	27.28	89.01	1.00	66.48	66.58	0.407
759	5.02	34.51	27.31	86.51	1.01	66.51	66.60	0.407
771	4.96	34.51	27.31	85.99	1.02	66.43	66.53	0.408
781	4.88	34.53	27.33	83.73	1.03	66.53	66.63	0.406
791	4.85	34.52	27.34	83.48	1.04	66.51	66.60	0.407
803	4.77	34.54	27.36	81.64	1.05	66.51	66.61	0.406
813	4.74	34.49	27.33	84.71	1.06	66.46	66.56	0.407
824	4.71	34.52	27.35	82.03	1.06	66.51	66.61	0.406
834	4.68	34.54	27.37	80.71	1.07	66.51	66.61	0.406
845	4.64	34.50	27.34	83.27	1.08	66.38	66.49	0.408
856	4.59	34.49	27.34	83.36	1.09	66.48	66.59	0.407
866	4.52	34.49	27.35	82.43	1.10	66.48	66.59	0.407
879	4.48	34.53	27.38	79.53	1.11	66.53	66.64	0.406
891	4.45	34.51	27.37	80.61	1.12	66.48	66.59	0.407
901	4.41	34.53	27.39	78.74	1.13	66.53	66.64	0.406
911	4.38	34.53	27.40	78.23	1.14	66.51	66.62	0.406
921	4.34	34.52	27.39	78.80	1.14	66.53	66.64	0.406
931	4.33	34.56	27.43	75.50	1.15	66.43	66.55	0.407
942	4.33	34.56	27.42	75.94	1.16	66.50	66.62	0.406
953	4.31	34.57	27.43	75.19	1.17	66.53	66.65	0.406
963	4.29	34.58	27.45	73.90	1.17	66.55	66.67	0.406
975	4.27	34.59	27.45	73.43	1.18	66.43	66.55	0.407
989	4.24	34.57	27.44	74.32	1.19	66.53	66.65	0.406
999	4.22	34.59	27.46	72.59	1.20	66.48	66.60	0.407
1009	4.23	34.61	27.48	71.48	1.21	66.50	66.63	0.406
1019	4.23	34.64	27.49	69.94	1.22	66.41	66.53	0.408
1029	4.23	34.65	27.50	69.20	1.22	66.41	66.53	0.408
1039	4.22	34.62	27.49	70.76	1.23	66.45	66.58	0.407
1049	4.20	34.63	27.50	69.92	1.24	66.36	66.49	0.408
1060	4.21	34.67	27.52	67.59	1.24	66.40	66.54	0.408
1070	4.18	34.68	27.53	66.63	1.25	66.45	66.59	0.407
1080	4.20	34.66	27.52	68.47	1.26	66.38	66.51	0.408
1092	4.17	34.66	27.52	68.01	1.26	66.40	66.54	0.407
1103	4.19	34.67	27.53	67.43	1.27	66.50	66.64	0.406
1119	4.21	34.69	27.54	66.25	1.28	66.45	66.59	0.407
1130	4.19	34.74	27.58	62.60	1.29	66.43	66.57	0.407
1144	4.17	34.73	27.58	63.11	1.30	66.45	66.59	0.407
1154	4.15	34.74	27.58	62.56	1.31	66.38	66.52	0.408
1166	4.15	34.71	27.56	64.76	1.31	66.45	66.60	0.407
1176	4.14	34.77	27.61	60.71	1.32	66.35	66.50	0.408
1188	4.17	34.75	27.59	62.22	1.33	66.35	66.50	0.408
1198	4.19	34.77	27.60	61.25	1.33	66.26	66.40	0.410
1208	4.17	34.64	27.51	70.45	1.34	66.30	66.45	0.409
1221	4.16	34.80	27.64	58.51	1.35	66.33	66.48	0.408
1233	4.15	34.78	27.62	60.12	1.35	66.35	66.51	0.408
1247	4.13	34.80	27.63	58.96	1.36	66.40	66.56	0.407
1257	4.14	34.80	27.63	59.13	1.37	66.35	66.51	0.408
1267	4.14	34.82	27.65	57.14	1.37	66.40	66.56	0.407
1277	4.12	34.84	27.67	55.84	1.38	66.43	66.58	0.407
1289	4.11	34.81	27.64	58.34	1.39	66.35	66.51	0.408
1300	4.10	34.82	27.65	57.57	1.39	66.38	66.54	0.408
1312	4.05	34.85	27.68	54.90	1.40	66.40	66.56	0.407

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DEPTH	TEMP	SAL	SIG-T	SVA	DELD	% TR	POT TR	POT C
1322	4.03	34.83	27.67	56.01	1.41	66.38	66.54	0.407
1332	4.01	34.84	27.68	54.69	1.41	66.40	66.56	0.407
1342	4.02	34.84	27.68	54.85	1.42	66.40	66.57	0.407
1353	4.02	34.84	27.68	55.30	1.42	66.33	66.49	0.408
1363	4.02	34.89	27.72	51.69	1.43	66.28	66.45	0.409
1376	4.02	34.89	27.72	51.94	1.43	66.38	66.54	0.407
1386	4.03	34.88	27.71	52.85	1.44	66.40	66.57	0.407
1398	4.02	34.89	27.72	52.04	1.45	66.37	66.55	0.407
1410	3.99	34.91	27.74	49.94	1.45	66.33	66.50	0.408
1420	3.98	34.93	27.76	48.71	1.46	66.30	66.48	0.408
1430	3.99	34.92	27.75	49.62	1.46	66.30	66.48	0.408
1440	3.98	34.92	27.75	49.63	1.47	66.30	66.48	0.408
1452	3.95	34.90	27.73	51.17	1.47	66.30	66.48	0.408
1462	3.95	34.89	27.73	51.64	1.48	66.30	66.48	0.408
1474	3.95	34.96	27.78	46.86	1.48	66.28	66.46	0.409
1485	3.95	34.95	27.77	47.39	1.49	66.32	66.51	0.408
1497	3.94	34.96	27.78	47.05	1.49	66.30	66.48	0.408
1507	3.93	34.92	27.75	49.48	1.50	66.30	66.49	0.408
1517	3.92	34.97	27.79	46.19	1.50	66.32	66.51	0.408
1528	3.92	34.94	27.77	47.84	1.51	66.32	66.51	0.408
1538	3.90	34.93	27.76	48.96	1.51	66.25	66.44	0.409
1549	3.89	34.95	27.78	47.41	1.52	66.27	66.47	0.409
1559	3.84	34.97	27.80	45.15	1.52	66.30	66.49	0.408
1570	3.84	34.97	27.80	45.13	1.53	66.30	66.49	0.408
1583	3.83	34.94	27.78	47.73	1.54	66.30	66.49	0.408
1593	3.81	34.94	27.78	47.65	1.54	66.32	66.52	0.408
1605	3.80	34.96	27.79	46.10	1.55	66.25	66.45	0.409
1615	3.78	34.95	27.79	46.77	1.55	66.30	66.50	0.408
1625	3.78	34.92	27.77	48.41	1.56	66.32	66.52	0.408
1637	3.77	34.96	27.80	46.09	1.56	66.27	66.48	0.408
1647	3.78	34.94	27.78	47.39	1.57	66.03	66.23	0.412
1657	3.77	34.96	27.80	45.78	1.57	65.88	66.09	0.414
1669	3.74	34.96	27.80	45.63	1.58	66.13	66.33	0.411
1680	3.75	34.93	27.78	47.82	1.58	66.08	66.29	0.411
1691	3.74	34.97	27.81	44.98	1.59	66.05	66.26	0.412
1701	3.71	34.98	27.82	43.99	1.59	66.20	66.41	0.409
1712	3.71	34.99	27.83	43.70	1.59	66.15	66.36	0.410
1724	3.70	34.96	27.81	45.35	1.60	66.17	66.39	0.410
1734	3.70	34.94	27.79	46.99	1.60	66.17	66.39	0.410
1746	3.68	34.98	27.83	43.81	1.61	66.03	66.24	0.412
1758	3.67	34.95	27.81	45.85	1.62	65.98	66.20	0.413
1768	3.66	34.98	27.82	44.22	1.62	66.03	66.25	0.412
1778	3.63	34.95	27.81	45.69	1.62	66.15	66.37	0.410
1791	3.63	35.00	27.84	42.63	1.63	66.03	66.25	0.412
1803	3.62	34.98	27.83	43.49	1.64	66.05	66.27	0.411
1813	3.62	34.98	27.83	43.94	1.64	65.98	66.20	0.413
1825	3.58	34.97	27.83	44.16	1.65	66.10	66.32	0.411
1837	3.56	34.95	27.81	45.36	1.65	66.22	66.45	0.409
1848	3.55	34.99	27.84	42.59	1.66	66.27	66.50	0.408
1859	3.54	34.96	27.83	44.16	1.66	66.20	66.43	0.409
1869	3.53	34.97	27.83	43.72	1.66	66.27	66.50	0.408
1880	3.50	34.94	27.81	45.26	1.67	66.27	66.50	0.408
1894	3.48	34.94	27.81	45.77	1.68	66.17	66.41	0.410
1906	3.47	34.96	27.83	43.75	1.68	65.93	66.16	0.413
1916	3.46	34.96	27.83	43.74	1.69	65.83	66.07	0.415
1926	3.47	34.95	27.82	44.62	1.69	65.88	66.12	0.414
1939	3.46	34.93	27.81	45.99	1.70	65.78	66.02	0.415

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DEPTH	TEMP	SAL	SIG-T	SVA	DELD	% TR	POT TR	POT C
1949	3.46	34.97	27.84	43.14	1.70	65.76	66.00	0.416
1959	3.44	34.95	27.83	44.24	1.70	65.88	66.12	0.414
1969	3.41	34.95	27.83	44.55	1.71	66.00	66.24	0.412
1979	3.40	34.97	27.84	42.92	1.71	66.00	66.24	0.412
1991	3.38	34.96	27.84	43.30	1.72	66.07	66.32	0.411
2003	3.36	34.98	27.86	41.64	1.72	66.07	66.32	0.411
2015	3.35	34.94	27.83	44.50	1.73	66.17	66.42	0.409
2025	3.34	34.96	27.84	43.31	1.73	66.12	66.37	0.410
2035	3.33	34.96	27.85	42.84	1.74	66.10	66.35	0.410
2045	3.33	34.98	27.86	41.63	1.74	66.00	66.25	0.412
2055	3.31	34.91	27.80	46.84	1.75	66.02	66.28	0.411
2068	3.29	34.96	27.85	42.87	1.75	66.07	66.33	0.411
2078	3.28	34.95	27.84	43.62	1.76	66.14	66.40	0.410
2088	3.27	34.95	27.84	43.23	1.76	66.17	66.43	0.409
2100	3.25	34.98	27.86	41.21	1.77	66.17	66.43	0.409
2110	3.24	34.99	27.87	40.31	1.77	66.19	66.45	0.409
2120	3.24	34.95	27.85	42.75	1.77	66.05	66.31	0.411
2132	3.23	34.96	27.85	42.39	1.78	66.07	66.33	0.411
2142	3.21	34.99	27.88	40.31	1.78	66.12	66.38	0.410
2154	3.20	34.97	27.87	41.16	1.79	66.12	66.38	0.410
2164	3.20	34.97	27.87	41.12	1.79	66.17	66.43	0.409
2177	3.18	34.95	27.85	42.38	1.80	66.09	66.36	0.410
2187	3.17	34.97	27.87	40.81	1.80	66.07	66.34	0.410
2197	3.16	34.96	27.86	42.00	1.81	66.14	66.41	0.409
2208	3.16	34.94	27.85	43.19	1.81	66.07	66.34	0.410
2219	3.15	34.96	27.86	41.64	1.82	66.02	66.29	0.411
2229	3.14	34.95	27.85	42.39	1.82	65.97	66.25	0.412
2241	3.13	34.98	27.88	40.40	1.82	65.85	66.13	0.414
2254	3.12	34.96	27.86	41.69	1.83	65.80	66.08	0.414
2265	3.11	34.95	27.85	42.48	1.83	65.85	66.13	0.414
2275	3.10	34.97	27.87	40.87	1.84	65.95	66.23	0.412
2285	3.09	34.94	27.85	42.83	1.84	65.77	66.06	0.415
2296	3.08	34.95	27.86	42.07	1.85	65.75	66.04	0.415
2308	3.07	34.93	27.85	43.33	1.85	65.65	65.94	0.417
2320	3.06	34.94	27.86	42.53	1.86	65.73	66.01	0.415
2332	3.06	34.92	27.83	44.68	1.86	65.90	66.19	0.413
2342	3.05	34.94	27.86	42.59	1.87	65.97	66.26	0.412
2352	3.04	34.97	27.88	40.51	1.87	65.90	66.19	0.413
2363	3.04	34.96	27.87	40.97	1.88	65.75	66.04	0.415
2373	3.03	34.95	27.87	41.76	1.88	65.77	66.07	0.415
2383	3.01	34.98	27.89	39.66	1.88	65.94	66.24	0.412
2394	3.02	34.94	27.85	42.92	1.89	65.90	66.19	0.413
2404	3.01	34.97	27.89	40.07	1.89	65.92	66.22	0.412
2414	3.00	34.94	27.86	42.44	1.90	65.92	66.22	0.412
2424	3.00	34.96	27.87	41.25	1.90	65.87	66.17	0.413
2434	2.98	34.92	27.85	43.60	1.91	65.77	66.07	0.414
2444	2.98	34.96	27.88	40.85	1.91	65.75	66.05	0.415
2456	2.96	34.92	27.85	43.56	1.91	65.65	65.96	0.416
2466	2.96	34.96	27.88	40.77	1.92	65.58	65.88	0.417
2477	2.94	34.94	27.87	41.96	1.92	65.60	65.91	0.417
2489	2.94	34.96	27.88	40.79	1.93	65.80	66.10	0.414
2499	2.93	34.95	27.87	41.58	1.93	65.82	66.13	0.414
2509	2.92	34.95	27.88	41.13	1.94	65.87	66.18	0.413
2519	2.92	34.96	27.89	40.32	1.94	65.80	66.11	0.414
2531	2.90	34.93	27.86	42.73	1.95	65.89	66.21	0.413
2543	2.90	34.94	27.87	41.99	1.95	65.82	66.14	0.414
2553	2.90	34.96	27.88	40.75	1.95	65.82	66.14	0.414

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DEPTH	TEMP	SAL	SIG-T	SVA	DELD	% TR	POT TR	POT C
2563	2.89	34.93	27.86	42.71	1.96	65.75	66.06	0.415
2573	2.89	34.96	27.88	40.70	1.96	65.67	65.99	0.416
2584	2.88	34.93	27.86	42.76	1.97	65.77	66.09	0.414
2596	2.88	34.95	27.88	40.79	1.97	65.75	66.07	0.415
2611	2.86	34.93	27.86	42.55	1.98	65.70	66.02	0.415
2623	2.84	34.94	27.88	41.32	1.98	65.57	65.90	0.417
2638	2.83	34.97	27.90	39.45	1.99	65.43	65.76	0.419
2648	2.81	34.94	27.87	41.37	1.99	65.62	65.95	0.416
2661	2.80	34.97	27.90	38.68	2.00	65.52	65.86	0.418
2673	2.79	34.92	27.86	42.30	2.00	65.72	66.05	0.415
2686	2.79	34.93	27.87	41.65	2.01	65.55	65.88	0.417
2697	2.78	34.94	27.88	40.81	2.01	65.74	66.08	0.414
2708	2.78	34.93	27.87	41.63	2.02	65.72	66.06	0.415
2718	2.77	34.93	27.87	42.01	2.02	65.65	65.98	0.416
2728	2.76	34.96	27.90	39.55	2.03	65.74	66.08	0.414
2738	2.76	34.96	27.90	39.48	2.03	65.74	66.08	0.414
2748	2.76	34.96	27.89	39.90	2.03	65.55	65.89	0.417
2762	2.75	34.94	27.88	40.81	2.04	65.79	66.13	0.414
2772	2.74	34.91	27.86	42.76	2.04	65.74	66.09	0.414
2787	2.73	34.93	27.88	41.33	2.05	65.74	66.09	0.414
2799	2.72	34.92	27.87	42.14	2.06	65.72	66.07	0.415
2810	2.71	34.93	27.87	41.77	2.06	65.79	66.14	0.414
2820	2.71	34.92	27.87	42.18	2.07	65.77	66.12	0.414
2832	2.71	34.92	27.87	42.20	2.07	65.69	66.04	0.415
2842	2.70	34.94	27.89	40.54	2.07	65.69	66.05	0.415
2854	2.69	34.96	27.91	38.95	2.08	65.64	66.00	0.416
2864	2.69	34.94	27.89	40.52	2.08	65.47	65.83	0.418
2874	2.69	34.93	27.88	41.68	2.09	65.55	65.90	0.417
2885	2.68	34.91	27.87	42.52	2.09	65.52	65.88	0.417
2897	2.67	34.95	27.90	39.70	2.10	65.57	65.93	0.417
2911	2.67	34.94	27.89	40.62	2.10	65.62	65.98	0.416
2922	2.66	34.93	27.88	41.46	2.11	65.50	65.86	0.418
2934	2.66	34.92	27.88	41.90	2.11	65.55	65.91	0.417
2946	2.65	34.94	27.89	40.32	2.12	65.52	65.89	0.417
2956	2.65	34.93	27.88	41.45	2.12	65.47	65.84	0.418
2966	2.63	34.95	27.90	39.42	2.12	65.52	65.89	0.417
2976	2.64	34.91	27.87	43.01	2.13	65.57	65.94	0.417
2986	2.63	34.93	27.89	41.01	2.13	65.57	65.94	0.417
2999	2.62	34.94	27.90	40.22	2.14	65.57	65.94	0.417
3012	2.62	34.94	27.89	40.69	2.14	65.54	65.92	0.417
3023	2.62	34.93	27.88	41.56	2.15	65.45	65.82	0.418
3033	2.62	34.91	27.87	42.68	2.15	65.49	65.87	0.418
3043	2.61	34.94	27.90	40.23	2.16	65.47	65.85	0.418
3054	2.60	34.94	27.89	40.65	2.16	65.49	65.87	0.418
3064	2.60	34.95	27.90	39.78	2.16	65.42	65.80	0.419
3074	2.60	34.98	27.93	37.75	2.17	65.42	65.80	0.419
3086	2.59	34.93	27.89	41.40	2.17	65.42	65.81	0.419
3096	2.59	34.92	27.88	41.78	2.18	65.54	65.93	0.417
3106	2.60	34.91	27.87	42.58	2.18	65.47	65.86	0.418
3118	2.59	34.92	27.88	42.19	2.19	65.54	65.93	0.417
3128	2.58	34.92	27.88	41.74	2.19	65.47	65.86	0.418
3138	2.58	34.94	27.89	40.91	2.20	65.32	65.71	0.420
3149	2.58	34.91	27.88	42.51	2.20	65.44	65.84	0.418
3159	2.56	34.93	27.89	41.27	2.20	65.57	65.96	0.416
3171	2.57	34.96	27.92	38.90	2.21	65.47	65.86	0.418
3181	2.56	34.90	27.86	43.64	2.21	65.66	66.06	0.415
3194	2.56	34.95	27.90	40.19	2.22	65.66	66.06	0.415

CONGO STA 45 22-05-78 0010 DN CAST

DEPTH	TEMP	SAL	SIG-T	SVA	DELD	% TR	POT TR	POT C
3205	2.56	34.93	27.89	41.31	2.22	65.59	65.99	0.416
3215	2.56	34.94	27.90	40.90	2.23	65.64	66.04	0.415
3225	2.55	34.93	27.89	41.20	2.23	65.61	66.01	0.415
3236	2.56	34.90	27.87	43.68	2.24	65.69	66.09	0.414
3246	2.55	34.92	27.88	42.44	2.24	65.64	66.04	0.415
3258	2.55	34.93	27.89	41.28	2.25	65.56	65.97	0.416
3268	2.54	34.94	27.90	40.79	2.25	65.61	66.02	0.415
3280	2.53	34.94	27.90	40.78	2.25	65.64	66.04	0.415
3290	2.53	34.94	27.90	40.75	2.26	65.59	66.00	0.416
3300	2.52	34.94	27.90	40.71	2.26	65.66	66.07	0.415
3311	2.53	34.89	27.87	43.91	2.27	65.61	66.02	0.415
3321	2.52	34.93	27.89	41.57	2.27	65.54	65.95	0.416
3331	2.51	34.94	27.90	40.63	2.28	65.59	66.00	0.416
3345	2.51	34.92	27.88	42.28	2.28	65.59	66.00	0.416
3355	2.50	34.93	27.90	41.09	2.29	65.56	65.98	0.416
3366	2.50	34.91	27.88	42.69	2.29	65.54	65.96	0.416
3380	2.49	34.92	27.89	41.95	2.30	65.54	65.96	0.416
3390	2.49	34.93	27.90	41.10	2.30	65.59	66.01	0.416
3400	2.50	34.91	27.88	43.07	2.30	65.54	65.96	0.416
3410	2.49	34.91	27.88	42.62	2.31	65.49	65.91	0.417
3420	2.49	34.92	27.89	42.22	2.31	65.51	65.94	0.417
3430	2.48	34.92	27.89	41.72	2.32	65.54	65.96	0.416
3440	2.47	34.95	27.91	40.06	2.32	65.29	65.72	0.420
3450	2.48	34.93	27.90	41.22	2.32	65.54	65.97	0.416
3460	2.47	34.94	27.91	40.37	2.33	65.49	65.92	0.417
3470	2.48	34.91	27.88	42.79	2.33	65.54	65.97	0.416
3480	2.47	34.89	27.87	43.92	2.34	65.56	65.99	0.416
3491	2.46	34.90	27.87	43.55	2.34	65.46	65.90	0.417
3501	2.46	34.93	27.90	41.50	2.35	65.44	65.87	0.418
3513	2.46	34.93	27.90	41.44	2.35	65.49	65.92	0.417
3526	2.45	34.92	27.89	42.30	2.36	65.46	65.90	0.417
3538	2.44	34.88	27.86	44.69	2.36	65.44	65.88	0.417
3553	2.44	34.90	27.88	43.25	2.37	65.34	65.78	0.419
3563	2.44	34.90	27.87	43.60	2.37	65.27	65.71	0.420
3573	2.44	34.92	27.89	41.99	2.38	65.22	65.66	0.421
3583	2.44	34.92	27.90	41.88	2.38	65.17	65.62	0.421
3595	2.43	34.88	27.86	45.04	2.39	65.36	65.81	0.418
3606	2.43	34.92	27.89	42.34	2.39	65.34	65.79	0.419
3616	2.42	34.91	27.88	43.04	2.40	65.39	65.84	0.418
3626	2.43	34.90	27.87	43.82	2.40	65.39	65.84	0.418
3636	2.43	34.93	27.90	41.82	2.40	65.29	65.74	0.420
3646	2.42	34.93	27.90	41.68	2.41	65.34	65.79	0.419
3658	2.41	34.90	27.88	43.67	2.41	65.36	65.82	0.418
3670	2.42	34.87	27.85	45.72	2.42	65.39	65.84	0.418
3681	2.41	34.91	27.89	42.93	2.42	65.36	65.82	0.418
3693	2.41	34.94	27.91	40.99	2.43	65.36	65.82	0.418
3705	2.40	34.92	27.90	41.71	2.43	65.29	65.75	0.419
3715	2.40	34.90	27.88	43.67	2.44	65.39	65.85	0.418
3725	2.40	34.90	27.88	43.62	2.44	65.36	65.83	0.418
3735	2.39	34.92	27.90	41.97	2.45	65.26	65.73	0.420
3745	2.39	34.93	27.91	41.09	2.45	65.36	65.83	0.418
3755	2.38	34.87	27.86	45.37	2.46	65.26	65.73	0.420
3766	2.39	34.92	27.90	41.93	2.46	65.39	65.85	0.418
3781	2.38	34.93	27.90	41.56	2.47	65.26	65.74	0.420
3793	2.38	34.91	27.89	42.74	2.47	65.24	65.71	0.420
3806	2.37	34.91	27.89	42.80	2.48	65.24	65.71	0.420
3818	2.38	34.90	27.88	43.61	2.48	65.24	65.71	0.420

CONGO STA 45 22-05-78 0010 DN CAST

DEPTH	TEMP	SAL	SIG-T	SVA	DELD	% TR	POT TR	POT C
3830	2.37	34.90	27.88	43.63	2.49	65.26	65.74	0.420
3841	2.37	34.93	27.91	41.65	2.49	65.26	65.74	0.420
3854	2.37	34.87	27.86	45.63	2.50	65.24	65.72	0.420
3864	2.36	34.93	27.91	41.68	2.50	65.31	65.79	0.419
3876	2.36	34.93	27.91	41.61	2.51	65.24	65.72	0.420
3888	2.36	34.94	27.91	41.22	2.51	65.29	65.77	0.419
3898	2.36	34.88	27.87	45.10	2.52	65.19	65.68	0.421
3909	2.37	34.87	27.86	45.96	2.52	65.21	65.70	0.420
3921	2.36	34.90	27.89	43.61	2.53	65.26	65.75	0.419
3931	2.36	34.88	27.87	45.11	2.53	65.24	65.73	0.420
3943	2.35	34.92	27.90	42.31	2.54	65.24	65.73	0.420
3954	2.36	34.88	27.87	45.47	2.54	65.16	65.66	0.421
3966	2.35	34.91	27.89	43.12	2.55	64.99	65.49	0.423
3978	2.35	34.88	27.87	45.44	2.55	64.85	65.35	0.426
3988	2.35	34.89	27.88	44.63	2.56	64.70	65.20	0.428
3999	2.36	34.89	27.88	44.68	2.56	64.53	65.03	0.430
4009	2.35	34.85	27.84	47.73	2.57	64.48	64.99	0.431
4021	2.36	34.90	27.88	44.26	2.57	64.48	64.99	0.431
4031	2.35	34.88	27.87	45.30	2.58	64.33	64.84	0.433
4041	2.36	34.89	27.88	44.91	2.58	64.38	64.89	0.433
4051	2.35	34.89	27.88	44.85	2.59	64.43	64.94	0.432
4061	2.36	34.90	27.88	44.82	2.59	64.41	64.92	0.432
4071	2.36	34.90	27.88	44.73	2.59	64.31	64.82	0.434

CRUISE ID: CONGO

Table 48

ENTER STATION #,DATE, AND TIME : STA 46 22-05-78 1015

OPEN OUTPUT FILE, THEN 'GO'*O O C46D;G

CONGO STA 46 22-05-78 1015 DN CAST

DEPTH	TEMP	SAL	SIG-T	SVA	DELD	% TR	POT TR	POT C
6						59.95	59.95	0.512
11	25.93	33.87	22.23	561.61	0.20	47.60	47.60	0.742
14	25.79	34.47	22.72	514.53	0.22	52.58	52.59	0.643
17	24.26	34.75	23.40	449.96	0.23	51.19	51.19	0.670
21	21.76	35.60	24.76	320.75	0.24	56.24	56.25	0.576
24	21.13	35.58	24.92	305.68	0.25	55.39	55.39	0.591
28	19.36	35.60	25.40	259.44	0.26	54.46	54.46	0.608
31	18.56	35.74	25.72	229.44	0.27	56.90	56.91	0.564
34	18.48	35.65	25.67	234.59	0.28	57.54	57.54	0.553
39	17.81	35.71	25.88	214.64	0.29	59.86	59.86	0.513
43	17.56	35.71	25.94	209.00	0.30	61.30	61.30	0.489
46	17.06	35.64	26.01	202.12	0.30	62.18	62.18	0.475
50	17.23	35.68	26.00	203.34	0.31	61.25	61.26	0.490
53	16.96	35.73	26.11	193.43	0.32	62.57	62.58	0.469
56	16.85	35.75	26.14	189.97	0.32	62.96	62.97	0.463
61	16.75	35.70	26.13	191.21	0.33	63.45	63.46	0.455
65	16.68	35.70	26.15	189.95	0.34	63.33	63.33	0.457
68	16.69	35.69	26.14	190.93	0.35	63.45	63.46	0.455
72	16.59	35.69	26.16	189.26	0.35	63.57	63.58	0.453
75	16.52	35.69	26.18	187.33	0.36	63.81	63.82	0.449
80	16.41	35.67	26.19	186.24	0.37	63.91	63.92	0.448
83	16.31	35.64	26.19	186.52	0.37	64.06	64.07	0.445
87	16.17	35.66	26.23	182.49	0.38	63.81	63.82	0.449
90	15.98	35.60	26.23	182.50	0.39	63.69	63.70	0.451
94	15.95	35.59	26.23	182.57	0.39	63.74	63.75	0.450
97	15.71	35.58	26.28	178.48	0.40	63.86	63.87	0.448
100	15.43	35.56	26.32	174.00	0.41	64.28	64.29	0.442
104	15.38	35.55	26.33	173.71	0.41	64.28	64.29	0.442
107	15.31	35.53	26.33	173.86	0.42	64.55	64.56	0.438
112	15.17	35.52	26.35	171.85	0.43	64.47	64.49	0.439
117	15.03	35.63	26.46	161.17	0.43	64.52	64.54	0.438
122	14.97	35.50	26.38	169.10	0.44	64.47	64.49	0.439
126	14.87	35.48	26.39	168.54	0.45	64.47	64.49	0.439
129	14.83	35.46	26.38	169.06	0.45	64.62	64.63	0.437
134	14.83	35.47	26.39	168.67	0.46	64.69	64.71	0.435
138	14.72	35.44	26.39	168.73	0.47	64.76	64.78	0.434
141	14.68	35.49	26.44	164.52	0.47	64.81	64.83	0.434
144	14.61	35.45	26.42	165.90	0.48	64.86	64.88	0.433
148	14.59	35.44	26.42	165.98	0.49	64.86	64.88	0.433
151	14.57	35.43	26.42	166.70	0.49	64.89	64.91	0.432
155	14.50	35.42	26.43	165.82	0.50	64.96	64.98	0.431
158	14.47	35.42	26.43	165.17	0.50	64.91	64.93	0.432
161	14.40	35.42	26.45	164.06	0.51	65.03	65.05	0.430
166	14.33	35.39	26.44	164.94	0.52	64.96	64.98	0.431
171	14.29	35.40	26.45	163.82	0.52	64.96	64.98	0.431
178	14.18	35.40	26.48	161.51	0.54	65.06	65.08	0.430
182	14.14	35.38	26.47	162.20	0.54	64.98	65.01	0.431
185	14.09	35.40	26.50	159.61	0.55	65.06	65.08	0.430
188	14.06	35.38	26.49	161.01	0.55	65.03	65.06	0.430
193	14.03	35.36	26.48	161.51	0.56	65.08	65.10	0.429
197	13.96	35.40	26.52	157.66	0.56	64.52	64.54	0.438

CONGO STA 46 22-05-78 1015 DN CAST

DEPTH	TEMP	SAL	SIG-T	SVA	DELD	% TR	POT TR	POT C
200	13.88	35.39	26.53	156.99	0.57	65.18	65.20	0.428
204	13.87	35.34	26.50	160.41	0.58	65.06	65.08	0.430
207	13.81	35.35	26.52	158.50	0.58	65.08	65.11	0.429
212	13.70	35.35	26.54	156.34	0.59	65.08	65.11	0.429
217	13.59	35.34	26.55	155.22	0.60	65.10	65.13	0.429
221	13.50	35.33	26.56	154.41	0.60	64.84	64.86	0.433
224	13.50	35.40	26.62	149.08	0.61	65.01	65.03	0.430
227	13.41	35.29	26.56	155.14	0.61	65.13	65.16	0.428
231	13.35	35.32	26.59	152.11	0.62	65.20	65.23	0.427
236	13.33	35.31	26.58	153.08	0.63	65.13	65.16	0.428
239	13.18	35.26	26.58	153.44	0.63	65.13	65.16	0.428
243	13.04	35.25	26.60	151.28	0.64	65.13	65.16	0.428
246	12.92	35.18	26.57	154.13	0.64	65.06	65.09	0.430
249	12.79	35.22	26.63	148.87	0.65	65.10	65.13	0.429
253	12.60	35.21	26.66	145.95	0.65	65.20	65.23	0.427
256	12.50	35.19	26.66	146.00	0.66	65.23	65.26	0.427
261	12.28	35.17	26.69	143.05	0.66	65.15	65.18	0.428
264	12.15	35.18	26.72	140.55	0.67	65.25	65.28	0.427
268	12.05	35.14	26.71	141.23	0.67	65.13	65.16	0.428
273	11.91	35.12	26.72	140.44	0.68	65.30	65.33	0.426
280	11.76	35.13	26.75	137.19	0.69	65.30	65.33	0.426
283	11.70	35.13	26.77	136.03	0.69	65.32	65.36	0.425
286	11.66	35.18	26.81	131.56	0.70	65.32	65.36	0.425
290	11.52	35.06	26.74	138.13	0.70	65.27	65.31	0.426
295	11.25	35.06	26.80	133.09	0.71	65.35	65.38	0.425
298	11.15	35.03	26.79	133.68	0.71	65.42	65.46	0.424
302	11.06	35.04	26.82	131.38	0.72	65.39	65.43	0.424
307	10.93	35.03	26.83	129.83	0.72	65.39	65.43	0.424
310	10.86	35.00	26.82	130.93	0.73	65.39	65.43	0.424
314	10.81	34.98	26.81	131.62	0.73	65.44	65.48	0.424
319	10.56	34.98	26.86	127.71	0.74	65.44	65.48	0.424
322	10.47	34.97	26.87	126.78	0.74	65.52	65.56	0.422
325	10.35	34.94	26.87	126.60	0.75	65.54	65.58	0.422
330	10.16	34.95	26.91	123.11	0.76	65.49	65.53	0.423
334	10.06	34.93	26.91	122.72	0.76	65.56	65.61	0.422
337	9.94	34.93	26.92	121.32	0.76	65.59	65.63	0.421
342	9.85	34.91	26.93	120.66	0.77	65.59	65.63	0.421
346	9.74	34.89	26.93	120.49	0.77	65.64	65.68	0.420
352	9.64	34.84	26.90	123.22	0.78	65.61	65.66	0.421
356	9.57	34.87	26.94	119.50	0.79	65.59	65.63	0.421
359	9.37	34.84	26.96	118.27	0.79	65.59	65.63	0.421
363	9.34	34.87	26.98	115.71	0.79	65.54	65.58	0.422
368	9.27	34.86	26.98	115.93	0.80	65.51	65.56	0.422
371	9.05	34.84	27.01	113.43	0.80	65.49	65.54	0.423
374	9.00	34.84	27.02	112.57	0.81	65.49	65.54	0.423
378	8.92	34.80	27.00	114.51	0.81	65.54	65.59	0.422
381	8.90	34.83	27.02	112.56	0.82	65.49	65.54	0.423
385	8.88	34.81	27.01	113.83	0.82	65.56	65.61	0.422
390	8.75	34.83	27.05	110.03	0.82	65.66	65.71	0.420
395	8.70	34.79	27.02	112.63	0.83	65.71	65.76	0.419
398	8.50	34.80	27.06	108.56	0.83	65.64	65.69	0.420
405	8.41	34.79	27.07	108.20	0.84	65.71	65.76	0.419
408	8.31	34.77	27.06	108.31	0.84	65.76	65.81	0.419
412	8.27	34.75	27.05	109.28	0.85	65.81	65.86	0.418
415	8.18	34.76	27.08	106.68	0.85	65.76	65.81	0.419
418	8.13	34.78	27.10	104.94	0.86	65.73	65.78	0.419
422	8.06	34.81	27.14	101.14	0.86	65.81	65.86	0.418

CONGO STA 46 22-05-78 1015 DN CAST

DEPTH	TEMP	SAL	SIG-T	SVA	DELD	% TR	POT TR	POT C
425	7.99	34.76	27.10	104.55	0.86	65.78	65.83	0.418
430	7.90	34.76	27.12	103.27	0.87	65.86	65.91	0.417
434	7.80	34.73	27.11	103.75	0.87	65.78	65.84	0.418
439	7.67	34.72	27.12	102.91	0.88	65.90	65.96	0.416
444	7.63	34.71	27.12	103.01	0.88	65.93	65.98	0.416
447	7.62	34.69	27.11	103.87	0.89	65.90	65.96	0.416
450	7.59	34.68	27.10	104.92	0.89	65.88	65.93	0.417
454	7.54	34.66	27.10	105.06	0.89	65.90	65.96	0.416
459	7.50	34.66	27.10	105.20	0.90	65.93	65.98	0.416
464	7.46	34.66	27.11	104.18	0.90	65.93	65.98	0.416
469	7.39	34.68	27.13	101.83	0.91	65.95	66.01	0.415
472	7.35	34.67	27.13	101.90	0.91	66.00	66.06	0.415
476	7.31	34.68	27.15	100.82	0.91	66.05	66.11	0.414
481	7.26	34.65	27.13	102.28	0.92	66.02	66.08	0.414
484	7.23	34.67	27.15	100.43	0.92	66.00	66.06	0.415
489	7.22	34.63	27.12	103.76	0.93	66.02	66.09	0.414
496	7.13	34.63	27.13	102.34	0.94	66.00	66.06	0.415
503	6.98	34.64	27.16	99.60	0.94	66.07	66.14	0.414
508	6.96	34.60	27.13	102.51	0.95	66.07	66.14	0.414
511	6.90	34.65	27.18	97.76	0.95	66.07	66.14	0.414
515	6.89	34.60	27.14	101.52	0.95	66.00	66.06	0.415
520	6.82	34.62	27.17	98.87	0.96	66.00	66.06	0.415
523	6.81	34.60	27.15	100.36	0.96	66.05	66.11	0.414
528	6.77	34.60	27.16	99.97	0.97	66.10	66.16	0.413
532	6.74	34.60	27.16	99.52	0.97	66.05	66.11	0.414
535	6.71	34.58	27.15	100.69	0.97	66.07	66.14	0.414
540	6.67	34.63	27.20	96.38	0.98	66.00	66.07	0.415
543	6.66	34.60	27.17	98.53	0.98	66.07	66.14	0.414
547	6.66	34.61	27.18	97.59	0.99	66.07	66.14	0.414
550	6.62	34.59	27.17	98.94	0.99	66.12	66.19	0.413
553	6.58	34.57	27.16	99.71	0.99	66.12	66.19	0.413
557	6.57	34.60	27.19	97.26	1.00	66.10	66.17	0.413
564	6.52	34.60	27.19	97.22	1.00	66.05	66.12	0.414
569	6.46	34.58	27.19	97.44	1.01	66.15	66.22	0.412
572	6.43	34.58	27.19	97.51	1.01	66.10	66.17	0.413
575	6.41	34.59	27.20	96.21	1.01	66.15	66.22	0.412
580	6.36	34.59	27.21	95.63	1.02	66.10	66.17	0.413
586	6.31	34.59	27.21	95.07	1.02	66.12	66.19	0.413
591	6.29	34.58	27.21	95.73	1.03	66.07	66.14	0.413
597	6.22	34.58	27.21	95.19	1.04	66.07	66.15	0.413
602	6.17	34.57	27.22	94.64	1.04	66.07	66.15	0.413
607	6.08	34.58	27.23	93.14	1.04	66.10	66.17	0.413
611	6.05	34.54	27.21	95.63	1.05	66.10	66.17	0.413
614	6.02	34.54	27.21	95.26	1.05	66.12	66.20	0.413
619	5.99	34.56	27.23	93.85	1.06	66.07	66.15	0.413
624	5.92	34.53	27.21	95.00	1.06	66.05	66.12	0.414
628	5.92	34.53	27.21	95.20	1.06	66.07	66.15	0.413
633	5.85	34.55	27.24	92.83	1.07	66.02	66.10	0.414
636	5.83	34.55	27.24	92.77	1.07	66.07	66.15	0.413
640	5.82	34.54	27.24	92.71	1.07	66.05	66.13	0.414
643	5.80	34.53	27.23	93.82	1.08	66.07	66.15	0.413
648	5.73	34.54	27.24	92.22	1.08	66.12	66.20	0.413
653	5.71	34.56	27.26	90.59	1.09	66.09	66.18	0.413
656	5.69	34.54	27.25	91.70	1.09	66.09	66.18	0.413
662	5.65	34.54	27.26	91.05	1.09	66.09	66.18	0.413
665	5.60	34.53	27.25	91.30	1.10	66.07	66.15	0.413
668	5.59	34.54	27.26	90.52	1.10	66.09	66.18	0.413

CONGO STA 46 22-05-78 1015 DN CAST

DEPTH	TEMP	SAL	SIG-T	SVA	DELD	% TR	POT TR	POT C
682	5.52	34.49	27.24	92.98	1.11	66.19	66.28	0.411
694	5.37	34.49	27.25	91.33	1.12	66.22	66.30	0.411
705	5.27	34.55	27.31	86.23	1.13	66.19	66.28	0.411
716	5.23	34.50	27.27	89.48	1.14	66.14	66.23	0.412
727	5.19	34.52	27.29	87.60	1.15	66.17	66.26	0.412
739	5.13	34.48	27.27	89.84	1.16	66.26	66.36	0.410
753	5.06	34.52	27.31	86.23	1.18	66.24	66.33	0.411
763	5.00	34.48	27.28	88.49	1.19	66.24	66.33	0.411
773	4.92	34.49	27.30	86.99	1.19	66.19	66.29	0.411
785	4.88	34.49	27.31	86.33	1.20	66.26	66.36	0.410
795	4.84	34.50	27.32	85.61	1.21	66.19	66.29	0.411
805	4.78	34.51	27.33	83.84	1.22	66.19	66.29	0.411
815	4.74	34.51	27.34	83.58	1.23	66.21	66.31	0.411
825	4.70	34.51	27.35	82.86	1.24	66.21	66.32	0.411
835	4.67	34.52	27.36	81.89	1.25	66.21	66.32	0.411
845	4.63	34.52	27.36	81.62	1.25	66.19	66.29	0.411
857	4.59	34.51	27.35	82.23	1.26	66.21	66.32	0.411
867	4.56	34.52	27.37	80.78	1.27	66.12	66.22	0.412
879	4.52	34.50	27.36	81.89	1.28	66.19	66.30	0.411
891	4.53	34.54	27.39	79.23	1.29	66.19	66.30	0.411
903	4.46	34.52	27.38	80.05	1.30	66.21	66.32	0.411
913	4.43	34.55	27.41	77.45	1.31	66.19	66.30	0.411
925	4.39	34.57	27.42	76.07	1.32	66.19	66.30	0.411
935	4.36	34.58	27.43	75.09	1.33	66.19	66.30	0.411
945	4.34	34.58	27.43	75.03	1.33	66.28	66.40	0.410
955	4.32	34.56	27.43	75.72	1.34	66.28	66.40	0.410
967	4.30	34.61	27.47	72.06	1.35	66.24	66.36	0.410
977	4.27	34.62	27.48	71.10	1.36	66.31	66.43	0.409
987	4.26	34.57	27.44	74.77	1.36	66.19	66.31	0.411
997	4.25	34.63	27.48	70.72	1.37	66.28	66.41	0.409
1009	4.24	34.64	27.49	69.93	1.38	66.26	66.38	0.410
1019	4.23	34.65	27.51	68.73	1.39	66.28	66.41	0.409
1029	4.23	34.63	27.49	70.41	1.39	66.21	66.34	0.411
1041	4.24	34.63	27.49	70.64	1.40	66.19	66.31	0.411
1053	4.26	34.62	27.48	71.75	1.41	66.11	66.24	0.412
1063	4.23	34.68	27.53	67.13	1.42	66.11	66.24	0.412
1075	4.25	34.67	27.52	67.75	1.43	66.14	66.27	0.412
1085	4.23	34.72	27.56	64.47	1.43	66.06	66.20	0.413
1095	4.23	34.71	27.56	64.92	1.44	66.04	66.17	0.413
1107	4.23	34.71	27.55	65.51	1.45	66.14	66.27	0.412
1117	4.23	34.71	27.55	65.51	1.45	66.06	66.20	0.413
1130	4.22	34.71	27.56	65.23	1.46	66.01	66.15	0.413
1142	4.23	34.74	27.58	63.03	1.47	65.99	66.13	0.414
1154	4.23	34.74	27.58	63.58	1.48	66.11	66.25	0.412
1164	4.22	34.74	27.58	63.13	1.48	66.06	66.21	0.413
1176	4.22	34.80	27.62	59.27	1.49	66.06	66.21	0.413
1186	4.22	34.77	27.60	61.73	1.50	66.09	66.23	0.412
1196	4.22	34.81	27.63	58.97	1.50	66.13	66.28	0.411
1206	4.23	34.76	27.59	62.74	1.51	66.09	66.23	0.412
1218	4.23	34.78	27.61	60.91	1.52	66.11	66.26	0.412
1230	4.21	34.79	27.62	60.44	1.52	65.99	66.14	0.414
1241	4.20	34.79	27.62	60.51	1.53	65.89	66.04	0.415
1253	4.16	34.83	27.65	57.09	1.54	66.01	66.17	0.413
1263	4.18	34.80	27.63	59.30	1.54	65.74	65.90	0.417
1273	4.16	34.80	27.63	59.64	1.55	65.91	66.07	0.415
1284	4.14	34.79	27.63	59.58	1.55	66.06	66.22	0.412
1294	4.13	34.85	27.68	55.08	1.56	65.99	66.15	0.413

CONGO STA 46 22-05-78 1015 DN CAST

DEPTH	TEMP	SAL	SIG-T	SVA	DELD	% TR	POT TR	POT C
1304	4.15	34.83	27.66	57.26	1.57	65.89	66.05	0.415
1314	4.14	34.81	27.64	58.49	1.57	65.86	66.03	0.415
1324	4.12	34.83	27.66	57.23	1.58	65.79	65.95	0.416
1336	4.11	34.85	27.68	55.22	1.58	65.69	65.86	0.418
1346	4.08	34.86	27.69	54.23	1.59	65.84	66.01	0.416
1358	4.07	34.86	27.69	54.32	1.60	65.72	65.89	0.417
1373	4.04	34.87	27.70	53.56	1.60	65.81	65.98	0.416
1383	4.03	34.90	27.72	51.46	1.61	65.96	66.13	0.414
1396	4.01	34.90	27.72	51.52	1.62	65.72	65.89	0.417
1410	4.02	34.90	27.73	51.37	1.62	65.72	65.89	0.417
1423	4.01	34.93	27.75	49.09	1.63	65.67	65.84	0.418
1433	4.00	34.93	27.75	49.46	1.63	65.59	65.77	0.419
1443	3.99	34.94	27.76	48.28	1.64	65.52	65.70	0.420
1457	3.99	34.90	27.73	51.30	1.65	64.86	65.04	0.430
1469	3.97	34.91	27.74	50.82	1.65	64.76	64.95	0.432
1480	3.95	34.93	27.76	48.84	1.66	64.76	64.95	0.432
1494	3.95	34.93	27.75	49.43	1.66	64.79	64.98	0.431
1506	3.94	34.93	27.76	49.09	1.67	64.96	65.15	0.429
1517	3.89	34.91	27.75	49.62	1.68	65.62	65.81	0.419
1528	3.87	34.91	27.75	49.97	1.68	65.64	65.83	0.418
1538	3.85	34.92	27.76	48.69	1.69	65.59	65.78	0.419
1548	3.85	34.92	27.76	48.69	1.69	65.64	65.83	0.418
1558	3.84	34.93	27.77	48.24	1.70	65.64	65.83	0.418
1570	3.83	34.91	27.75	49.57	1.70	65.57	65.76	0.419
1581	3.82	34.92	27.76	49.20	1.71	65.49	65.69	0.420
1593	3.82	34.93	27.77	48.53	1.71	65.44	65.64	0.421
1605	3.83	34.94	27.78	47.51	1.72	65.49	65.69	0.420
1615	3.83	34.94	27.78	47.51	1.72	65.54	65.74	0.420
1627	3.81	34.96	27.79	46.24	1.73	65.44	65.65	0.421
1638	3.79	34.97	27.81	45.04	1.73	65.44	65.65	0.421
1650	3.77	34.98	27.82	44.23	1.74	65.54	65.75	0.419
1662	3.77	34.95	27.80	46.30	1.75	65.47	65.68	0.421
1674	3.77	34.95	27.79	46.84	1.75	65.47	65.68	0.421
1684	3.76	34.94	27.78	47.61	1.76	65.49	65.70	0.420
1694	3.74	34.95	27.80	46.34	1.76	65.32	65.53	0.423
1704	3.72	35.00	27.83	43.04	1.76	65.20	65.41	0.425
1717	3.71	34.96	27.80	45.94	1.77	65.30	65.51	0.423
1729	3.69	34.97	27.82	44.72	1.78	65.66	65.88	0.417
1741	3.65	34.95	27.80	45.83	1.78	66.00	66.22	0.412
1753	3.64	34.98	27.83	43.81	1.79	65.98	66.20	0.413
1763	3.63	34.98	27.83	43.81	1.79	65.98	66.20	0.413
1775	3.63	34.96	27.81	45.11	1.80	65.88	66.10	0.414
1785	3.61	34.97	27.82	44.23	1.80	66.03	66.25	0.412
1796	3.61	34.96	27.81	45.11	1.81	65.98	66.20	0.413
1808	3.58	34.98	27.83	43.48	1.81	65.98	66.20	0.413
1818	3.57	34.97	27.83	43.80	1.82	65.88	66.11	0.414
1828	3.54	34.98	27.84	42.83	1.82	65.90	66.13	0.414
1838	3.54	34.97	27.83	43.26	1.82	65.81	66.03	0.415
1850	3.53	34.96	27.83	44.11	1.83	65.85	66.08	0.414
1860	3.52	34.98	27.84	42.50	1.83	65.78	66.01	0.415
1872	3.50	34.96	27.83	44.12	1.84	65.71	65.94	0.417
1882	3.48	34.96	27.83	44.04	1.84	65.78	66.02	0.415
1892	3.47	34.99	27.85	41.96	1.85	65.56	65.80	0.419
1902	3.44	34.94	27.82	44.67	1.85	65.54	65.77	0.419
1912	3.44	34.98	27.85	42.27	1.86	65.46	65.70	0.420
1922	3.43	34.98	27.85	42.22	1.86	65.17	65.41	0.425
1934	3.43	34.96	27.83	43.97	1.87	65.24	65.49	0.423

CONGO STA 46 22-05-78 1015 DN CAST

DEPTH	TEMP	SAL	SIG-T	SVA	DELD	% TR	POT TR	POT C
1946	3.40	34.98	27.85	41.90	1.87	65.19	65.44	0.424
1958	3.40	34.96	27.83	43.62	1.88	65.27	65.51	0.423
1968	3.38	34.97	27.85	42.31	1.88	65.07	65.32	0.426
1978	3.39	34.96	27.84	43.17	1.88	65.19	65.44	0.424
1988	3.38	34.95	27.83	44.36	1.89	65.17	65.42	0.424
1998	3.37	35.00	27.87	40.31	1.89	65.14	65.40	0.425
2010	3.34	34.96	27.85	42.62	1.90	65.17	65.42	0.424
2020	3.32	35.00	27.87	40.15	1.90	65.14	65.40	0.425
2030	3.31	34.94	27.83	44.11	1.91	65.17	65.42	0.424
2041	3.27	35.00	27.88	39.23	1.91	65.05	65.30	0.426
2052	3.26	34.96	27.85	42.40	1.92	64.95	65.21	0.428
2062	3.23	34.99	27.88	39.44	1.92	64.63	64.89	0.433

CRUISE ID: CONGO

Table 49

ENTER STATION #,DATE, AND TIME : STA 50 22-05-77\8 2200

OPEN OUTPUT FILE, THEN 'GO'*O O C50D;G

CONGO STA 50 22-05-78 2200 DN CAST

DEPTH	TEMP	SAL	SIG-T	SVA	DELD	% TR	POT TR	POT C
9	25.64	34.35	22.68	518.67	0.05	58.52	58.52	0.536
12	25.51	34.39	22.75	512.05	0.06	58.99	58.99	0.528
16	25.07	34.76	23.16	472.46	0.08	55.42	55.42	0.590
21	22.97	35.64	24.45	349.99	0.10	53.17	53.17	0.632
24	20.55	35.82	25.26	273.35	0.11	56.00	56.00	0.580
28	20.28	35.76	25.28	270.84	0.12	57.68	57.69	0.550
31	19.22	35.75	25.56	244.57	0.13	59.91	59.91	0.512
36	18.72	35.72	25.66	234.88	0.14	61.01	61.01	0.494
39	18.53	35.81	25.78	224.09	0.14	61.50	61.50	0.486
43	18.48	35.80	25.78	223.74	0.15	61.71	61.72	0.483
46	18.31	35.76	25.80	222.60	0.16	61.64	61.65	0.484
50	18.03	35.80	25.90	213.03	0.17	62.18	62.18	0.475
53	17.99	35.79	25.89	213.60	0.17	62.42	62.43	0.471
56	17.90	35.80	25.93	210.29	0.18	62.18	62.19	0.475
60	17.70	35.77	25.95	208.35	0.19	62.96	62.97	0.463
63	17.52	35.76	25.99	204.59	0.20	63.23	63.24	0.458
67	17.32	35.74	26.02	202.10	0.20	63.79	63.80	0.450
70	17.24	35.74	26.04	199.84	0.21	63.84	63.85	0.449
75	17.03	35.71	26.07	197.24	0.22	63.81	63.82	0.449
78	16.87	35.74	26.13	191.94	0.23	64.06	64.07	0.445
83	16.74	35.73	26.15	190.03	0.23	64.33	64.34	0.441
87	16.61	35.72	26.17	188.08	0.24	64.28	64.29	0.442
90	16.56	35.71	26.18	187.43	0.25	64.45	64.46	0.439
94	16.53	35.71	26.18	187.22	0.25	64.38	64.39	0.440
100	16.37	35.66	26.19	187.25	0.27	64.25	64.27	0.442
104	16.25	35.68	26.23	183.51	0.27	64.50	64.51	0.438
109	16.13	35.65	26.23	182.93	0.28	64.52	64.54	0.438
112	16.09	35.63	26.23	183.18	0.29	64.47	64.49	0.439
117	15.94	35.63	26.26	180.53	0.30	64.74	64.76	0.435
126	15.80	35.62	26.28	178.71	0.31	64.15	64.17	0.444
131	15.68	35.60	26.30	177.50	0.32	64.67	64.68	0.436
134	15.62	35.60	26.32	175.67	0.33	64.89	64.90	0.432
141	15.47	35.57	26.32	175.35	0.34	64.74	64.76	0.435
144	15.39	35.58	26.35	173.14	0.35	64.99	65.00	0.431
153	15.24	35.52	26.34	174.05	0.36	63.59	63.61	0.452
156	15.17	35.52	26.36	172.59	0.37	64.96	64.98	0.431
160	15.07	35.55	26.40	168.40	0.37	64.96	64.98	0.431
165	14.99	35.62	26.47	161.72	0.38	64.89	64.91	0.432
170	14.93	35.67	26.52	157.13	0.39	64.86	64.88	0.433
175	14.86	35.46	26.38	171.07	0.40	65.03	65.05	0.430
178	14.76	35.46	26.39	169.59	0.40	65.01	65.03	0.430
182	14.69	35.45	26.41	168.34	0.41	64.96	64.98	0.431
187	14.61	35.45	26.42	167.49	0.42	64.84	64.86	0.433
190	14.59	35.48	26.45	164.66	0.42	64.86	64.88	0.433
195	14.57	35.45	26.43	166.45	0.43	64.84	64.86	0.433
199	14.44	35.47	26.47	162.72	0.44	64.76	64.79	0.434
204	14.35	35.42	26.46	164.43	0.44	64.71	64.74	0.435
207	14.22	35.41	26.47	162.71	0.45	64.71	64.74	0.435
212	14.06	35.40	26.50	160.17	0.46	64.67	64.69	0.436
215	14.04	35.42	26.52	158.33	0.46	64.69	64.72	0.435
219	14.03	35.37	26.49	161.76	0.47	64.67	64.69	0.436

CONGO STA 50 22-05-78 2200 DN CAST

DEPTH	TEMP	SAL	SIG-T	SVA	DELD	% TR	POT TR	POT C
222	13.97	35.41	26.53	157.56	0.47	64.74	64.77	0.435
226	13.94	35.40	26.53	158.00	0.48	64.67	64.69	0.436
231	13.88	35.35	26.50	160.74	0.49	64.64	64.67	0.436
234	13.77	35.37	26.54	156.81	0.49	64.52	64.55	0.438
239	13.65	35.34	26.54	157.21	0.50	64.71	64.74	0.435
243	13.53	35.31	26.55	156.67	0.51	64.64	64.67	0.436
246	13.41	35.34	26.59	152.30	0.51	64.54	64.57	0.437
251	13.22	35.32	26.62	150.13	0.52	64.59	64.62	0.437
259	12.94	35.25	26.62	149.89	0.53	64.88	64.92	0.432
264	12.71	35.25	26.66	145.76	0.54	64.81	64.84	0.433
268	12.60	35.24	26.68	144.49	0.54	64.59	64.62	0.437
271	12.47	35.20	26.67	145.39	0.55	64.91	64.94	0.432
276	12.39	35.21	26.69	143.21	0.56	64.86	64.89	0.433
281	12.00	35.13	26.71	141.75	0.56	64.86	64.89	0.433
285	11.75	35.15	26.77	135.29	0.57	64.96	64.99	0.431
288	11.61	35.10	26.76	136.63	0.57	64.83	64.87	0.433
292	11.37	35.11	26.81	131.66	0.58	64.81	64.85	0.433
297	11.03	35.05	26.83	130.21	0.58	64.91	64.94	0.432
300	10.64	35.02	26.87	125.83	0.59	64.95	64.99	0.431
303	10.36	34.97	26.89	124.41	0.59	64.76	64.80	0.434
308	10.06	34.92	26.90	122.95	0.60	64.91	64.94	0.432
312	9.89	34.89	26.90	122.88	0.60	65.00	65.04	0.430
317	9.63	34.89	26.95	118.59	0.61	64.98	65.02	0.431
322	9.59	34.88	26.95	118.21	0.61	64.98	65.02	0.431
327	9.36	34.87	26.97	116.00	0.62	65.27	65.31	0.426
332	9.24	34.83	26.97	116.71	0.63	64.93	64.97	0.431
337	9.12	34.83	26.99	114.85	0.63	65.17	65.22	0.428
341	9.09	34.82	26.99	115.03	0.64	65.34	65.39	0.425
346	9.06	34.84	27.01	113.15	0.64	64.95	65.00	0.431
351	8.97	34.84	27.01	112.43	0.65	64.95	65.00	0.431
356	8.90	34.80	27.00	113.91	0.65	65.20	65.24	0.427
359	8.76	34.82	27.03	110.59	0.66	65.07	65.12	0.429
364	8.58	34.78	27.03	110.82	0.66	65.05	65.10	0.429
369	8.48	34.77	27.04	109.85	0.67	65.10	65.15	0.429
376	8.40	34.75	27.04	110.03	0.68	65.39	65.44	0.424
379	8.30	34.75	27.06	108.56	0.68	65.34	65.39	0.425
383	8.26	34.73	27.04	110.03	0.68	65.32	65.37	0.425
388	8.12	34.75	27.08	106.16	0.69	65.15	65.20	0.428
391	8.09	34.80	27.12	102.09	0.69	65.27	65.32	0.426
396	8.06	34.86	27.17	97.56	0.70	65.39	65.44	0.424
400	7.99	34.71	27.07	107.15	0.70	65.22	65.27	0.427
403	7.93	34.74	27.10	104.45	0.70	65.24	65.30	0.426
408	7.89	34.69	27.06	107.87	0.71	65.22	65.27	0.427
413	7.78	34.69	27.08	106.23	0.71	65.20	65.25	0.427
420	7.66	34.71	27.11	103.12	0.72	65.61	65.66	0.421
423	7.64	34.71	27.12	102.97	0.73	65.56	65.61	0.421
428	7.60	34.70	27.12	103.05	0.73	65.59	65.64	0.421
432	7.60	34.70	27.12	102.68	0.73	65.59	65.64	0.421
435	7.56	34.68	27.11	103.87	0.74	65.46	65.52	0.423
439	7.50	34.66	27.10	104.64	0.74	65.39	65.45	0.424
442	7.47	34.67	27.11	103.40	0.74	65.32	65.37	0.425
447	7.46	34.66	27.11	103.78	0.75	65.37	65.42	0.424
450	7.45	34.67	27.12	103.01	0.75	65.32	65.37	0.425
454	7.42	34.65	27.11	104.05	0.76	65.39	65.45	0.424
457	7.36	34.65	27.12	103.24	0.76	65.71	65.76	0.419
461	7.25	34.65	27.13	101.87	0.76	65.63	65.69	0.420
466	7.22	34.65	27.14	101.40	0.77	65.56	65.62	0.421

CONGO STA 50 22-05-78 2200 DN CAST

DEPTH	TEMP	SAL	SIG-T	SVA	DELD	% TR	POT TR	POT C
471	7.17	34.65	27.14	101.11	0.77	65.46	65.52	0.423
474	7.12	34.64	27.14	101.34	0.78	65.44	65.50	0.423
477	7.05	34.64	27.15	100.17	0.78	65.63	65.69	0.420
481	7.03	34.63	27.15	100.64	0.78	65.59	65.64	0.421
484	6.97	34.62	27.15	100.47	0.79	65.39	65.45	0.424
489	6.92	34.58	27.12	102.65	0.79	65.12	65.18	0.428
493	6.91	34.61	27.14	100.71	0.80	64.85	64.91	0.432
499	6.85	34.63	27.17	98.46	0.80	64.29	64.35	0.441
504	6.84	34.63	27.17	98.22	0.81	64.14	64.21	0.443
510	6.81	34.59	27.14	101.29	0.81	64.97	65.04	0.430
513	6.79	34.62	27.17	98.84	0.82	65.12	65.18	0.428
516	6.78	34.63	27.18	97.53	0.82	65.12	65.19	0.428
521	6.74	34.59	27.15	100.15	0.82	65.61	65.67	0.421
526	6.69	34.61	27.17	98.34	0.83	65.61	65.67	0.421
532	6.67	34.61	27.18	97.81	0.83	65.54	65.60	0.422
535	6.63	34.58	27.16	99.65	0.84	65.36	65.43	0.424
540	6.57	34.59	27.18	98.03	0.84	65.46	65.53	0.423
543	6.57	34.60	27.18	97.73	0.85	65.44	65.51	0.423
547	6.56	34.60	27.18	97.42	0.85	65.51	65.58	0.422
550	6.54	34.59	27.18	97.97	0.85	65.53	65.60	0.422
553	6.53	34.58	27.18	98.35	0.86	65.58	65.65	0.421
557	6.49	34.56	27.16	99.74	0.86	65.34	65.41	0.425
560	6.44	34.57	27.18	97.88	0.86	65.51	65.58	0.422
565	6.44	34.58	27.18	97.63	0.87	65.46	65.53	0.423
569	6.40	34.57	27.18	97.96	0.87	65.75	65.83	0.418
574	6.34	34.56	27.18	97.59	0.88	65.75	65.83	0.418
577	6.33	34.58	27.20	96.07	0.88	65.80	65.87	0.418
582	6.24	34.55	27.18	97.50	0.88	65.97	66.05	0.415
586	6.21	34.59	27.22	94.13	0.89	65.90	65.97	0.416
589	6.20	34.55	27.20	96.36	0.89	65.92	66.00	0.416
592	6.18	34.55	27.20	96.26	0.89	65.92	66.00	0.416
597	6.14	34.58	27.22	93.84	0.90	65.92	66.00	0.416
601	6.12	34.62	27.26	90.74	0.90	65.88	65.95	0.416
604	6.10	34.54	27.20	96.02	0.90	65.92	66.00	0.416
611	6.04	34.57	27.23	93.01	0.91	65.88	65.95	0.416
614	5.98	34.57	27.24	92.64	0.91	65.83	65.90	0.417
618	5.96	34.54	27.22	94.45	0.92	65.90	65.98	0.416
621	5.94	34.55	27.22	93.89	0.92	65.83	65.90	0.417
626	5.89	34.54	27.22	93.90	0.93	65.80	65.88	0.417
631	5.86	34.54	27.23	93.69	0.93	65.70	65.78	0.419
635	5.83	34.54	27.23	93.38	0.93	65.66	65.73	0.420
638	5.78	34.52	27.22	94.03	0.94	65.78	65.86	0.418
641	5.76	34.57	27.27	89.97	0.94	65.66	65.74	0.420
646	5.74	34.55	27.25	91.15	0.94	65.75	65.83	0.418
651	5.69	34.51	27.23	93.82	0.95	65.66	65.74	0.420
658	5.60	34.52	27.24	92.15	0.95	65.68	65.76	0.419
663	5.55	34.51	27.25	91.73	0.96	65.70	65.79	0.419
668	5.45	34.52	27.26	90.34	0.96	65.90	65.98	0.416
672	5.41	34.55	27.29	87.50	0.97	65.95	66.03	0.415
677	5.38	34.53	27.28	88.57	0.97	65.92	66.01	0.416
680	5.36	34.51	27.26	90.19	0.97	65.90	65.98	0.416
685	5.36	34.50	27.26	90.41	0.98	65.75	65.84	0.418
689	5.29	34.50	27.26	90.12	0.98	65.78	65.86	0.418
692	5.27	34.54	27.30	86.79	0.99	65.68	65.76	0.419
695	5.23	34.52	27.29	87.32	0.99	65.63	65.72	0.420
700	5.21	34.52	27.29	87.35	0.99	65.58	65.67	0.421
704	5.18	34.50	27.28	88.39	1.00	65.58	65.67	0.421

CONGO STA 50 22-05-78 2200 DN CAST

DEPTH	TEMP	SAL	SIG-T	SVA	DELD	% TR	POT TR	POT C
714	5.13	34.49	27.27	89.10	1.00	65.53	65.62	0.421
726	4.96	34.49	27.30	86.68	1.01	65.80	65.89	0.417
737	4.88	34.52	27.33	84.03	1.02	65.70	65.79	0.419
749	4.83	34.49	27.31	85.66	1.03	65.68	65.77	0.419
761	4.77	34.50	27.33	83.69	1.04	65.75	65.85	0.418
773	4.76	34.53	27.35	81.72	1.05	65.63	65.72	0.420
783	4.72	34.51	27.34	82.67	1.06	65.73	65.82	0.418
793	4.70	34.52	27.35	82.10	1.07	65.46	65.56	0.422
805	4.66	34.51	27.35	82.41	1.08	65.48	65.58	0.422
817	4.59	34.52	27.36	81.10	1.09	65.63	65.73	0.420
829	4.56	34.50	27.35	81.81	1.10	65.82	65.93	0.417
839	4.53	34.51	27.36	80.84	1.11	65.72	65.83	0.418
850	4.51	34.52	27.37	80.40	1.12	65.72	65.83	0.418
861	4.50	34.54	27.39	78.79	1.13	65.82	65.93	0.417
871	4.47	34.53	27.39	78.98	1.13	65.90	66.00	0.416
881	4.49	34.56	27.40	77.62	1.14	65.75	65.86	0.418
891	4.50	34.56	27.40	77.77	1.15	65.53	65.64	0.421
903	4.48	34.59	27.43	75.33	1.16	65.23	65.35	0.426
915	4.42	34.56	27.42	76.59	1.17	65.67	65.79	0.419
925	4.42	34.57	27.43	75.87	1.17	65.70	65.81	0.418
935	4.43	34.55	27.41	77.70	1.18	65.82	65.94	0.417
945	4.40	34.57	27.42	76.27	1.19	65.67	65.79	0.419
955	4.38	34.58	27.43	75.40	1.20	65.89	66.01	0.415
965	4.40	34.62	27.46	72.80	1.21	65.82	65.94	0.417
975	4.36	34.61	27.46	72.90	1.21	65.84	65.97	0.416
985	4.36	34.58	27.44	75.02	1.22	65.82	65.94	0.416
995	4.39	34.60	27.45	74.51	1.23	64.92	65.04	0.430
1006	4.38	34.64	27.48	71.23	1.24	64.28	64.41	0.440
1017	4.37	34.64	27.48	71.32	1.24	64.23	64.36	0.441
1028	4.37	34.62	27.47	73.02	1.25	64.65	64.78	0.434
1039	4.34	34.63	27.48	72.13	1.26	65.55	65.68	0.420
1049	4.34	34.66	27.50	69.71	1.27	65.16	65.29	0.426
1060	4.34	34.66	27.50	70.18	1.27	64.26	64.39	0.440
1070	4.34	34.65	27.49	70.66	1.28	63.74	63.88	0.448
1080	4.31	34.69	27.53	67.71	1.29	64.62	64.76	0.435
1090	4.31	34.72	27.55	65.72	1.29	64.69	64.83	0.433
1102	4.30	34.71	27.54	66.14	1.30	64.94	65.08	0.430
1112	4.26	34.71	27.55	65.95	1.31	65.74	65.88	0.417
1122	4.26	34.73	27.57	63.99	1.32	65.60	65.74	0.420
1134	4.29	34.77	27.59	61.89	1.32	65.13	65.28	0.427
1145	4.30	34.75	27.58	63.31	1.33	64.72	64.86	0.433
1156	4.28	34.75	27.58	63.19	1.34	65.01	65.16	0.428
1166	4.29	34.77	27.59	62.16	1.34	65.26	65.40	0.425
1176	4.28	34.79	27.61	60.51	1.35	65.21	65.35	0.425
1186	4.29	34.78	27.60	61.87	1.36	65.25	65.40	0.425
1196	4.28	34.78	27.60	61.45	1.36	65.52	65.67	0.421
1206	4.28	34.81	27.63	59.49	1.37	65.30	65.46	0.424
1216	4.28	34.78	27.61	61.63	1.37	65.06	65.21	0.428
1226	4.28	34.82	27.63	59.22	1.38	64.45	64.61	0.437
1238	4.28	34.79	27.61	60.98	1.39	64.67	64.83	0.434
1250	4.28	34.78	27.61	61.99	1.39	65.45	65.61	0.422
1260	4.27	34.85	27.66	56.69	1.40	65.55	65.70	0.420
1272	4.29	34.83	27.64	58.54	1.41	65.64	65.80	0.419
1282	4.29	34.86	27.66	57.05	1.41	65.67	65.83	0.418
1294	4.28	34.88	27.68	55.06	1.42	65.79	65.95	0.416
1305	4.25	34.86	27.67	56.53	1.43	65.69	65.86	0.418
1317	4.23	34.89	27.70	54.09	1.43	64.91	65.08	0.430

CONGO STA 50 22-05-78 2200 DN CAST

DEPTH	TEMP	SAL	SIG-T	SVA	DELD	% TR	POT TR	POT C
1327	4.25	34.88	27.69	55.11	1.44	64.30	64.47	0.439
1341	4.24	34.89	27.70	54.07	1.44	64.15	64.33	0.441
1353	4.17	34.88	27.69	54.46	1.45	62.86	63.04	0.462
1363	4.21	34.90	27.70	53.63	1.46	64.32	64.50	0.439
1373	4.19	34.90	27.71	53.50	1.46	63.57	63.75	0.450
1385	4.19	34.89	27.70	54.05	1.47	63.98	64.16	0.444
1396	4.19	34.87	27.69	55.35	1.47	64.05	64.23	0.443
1406	4.11	34.88	27.70	54.03	1.48	61.95	62.14	0.476
1416	4.10	34.87	27.69	54.80	1.49	61.44	61.63	0.484
1428	4.08	34.88	27.71	53.55	1.49	61.73	61.93	0.479
1438	4.10	34.93	27.74	50.95	1.50	62.91	63.10	0.461
1450	4.08	34.91	27.73	52.07	1.50	62.51	62.71	0.467
1464	4.08	34.88	27.71	53.94	1.51	64.88	65.07	0.430
1474	4.02	34.90	27.73	51.86	1.52	65.42	65.61	0.422
1484	4.01	34.92	27.75	50.18	1.52	65.52	65.70	0.420
1494	4.00	34.91	27.74	50.97	1.53	65.52	65.71	0.420
1504	3.98	34.93	27.75	49.69	1.53	65.57	65.76	0.419
1514	3.94	34.93	27.75	49.45	1.54	65.71	65.90	0.417
1526	3.93	34.95	27.77	47.90	1.54	65.42	65.61	0.422
1538	3.92	34.94	27.77	48.29	1.55	64.93	65.13	0.429
1548	3.91	34.94	27.77	48.33	1.55	64.66	64.86	0.433
1561	3.89	34.97	27.80	45.96	1.56	64.27	64.47	0.439
1571	3.89	34.94	27.77	48.38	1.56	64.44	64.64	0.436
1581	3.86	34.96	27.79	46.64	1.57	65.10	65.30	0.426
1593	3.85	34.93	27.77	48.72	1.57	64.93	65.13	0.429
1603	3.84	34.97	27.80	45.43	1.58	64.69	64.89	0.433
1615	3.83	34.96	27.79	46.73	1.58	64.42	64.62	0.437
1625	3.83	34.97	27.80	45.53	1.59	64.27	64.48	0.439
1635	3.84	34.94	27.78	48.04	1.59	64.08	64.29	0.442
1645	3.83	34.96	27.79	46.84	1.60	63.95	64.17	0.444
1659	3.83	34.97	27.80	46.24	1.60	63.17	63.39	0.456
1670	3.84	34.97	27.80	45.97	1.61	62.88	63.10	0.461
1684	3.83	34.94	27.78	48.10	1.62	62.63	62.86	0.464
1694	3.82	34.96	27.79	46.92	1.62	62.63	62.86	0.464
1704	3.81	34.97	27.80	46.05	1.63	62.88	63.10	0.461
1716	3.81	34.98	27.81	45.81	1.63	62.85	63.08	0.461
1728	3.80	34.99	27.82	45.00	1.64	62.75	62.98	0.462
1738	3.80	34.96	27.80	47.08	1.64	62.66	62.89	0.464
1749	3.80	34.94	27.78	48.83	1.65	62.71	62.94	0.463
1759	3.79	34.98	27.81	45.98	1.65	62.66	62.89	0.464
1771	3.79	34.96	27.80	47.22	1.66	62.24	62.48	0.470
1781	3.79	34.97	27.81	46.50	1.66	62.14	62.38	0.472
1791	3.78	34.99	27.82	45.28	1.67	62.24	62.48	0.470
1801	3.79	34.96	27.79	47.80	1.67	62.09	62.34	0.473
1812	3.74	34.98	27.82	45.42	1.68	60.56	60.80	0.498
1823	3.74	34.98	27.82	45.15	1.68	60.78	61.02	0.494
1835	3.75	34.97	27.81	46.10	1.69	60.90	61.15	0.492
1845	3.75	34.95	27.79	48.19	1.69	60.80	61.05	0.494
1855	3.74	34.97	27.81	46.54	1.70	60.16	60.42	0.504
1865	3.71	34.95	27.80	47.55	1.70	59.72	59.98	0.511
1877	3.70	34.95	27.80	47.21	1.71	60.19	60.45	0.504
1889	3.65	34.97	27.82	45.75	1.71	59.06	59.33	0.522
1901	3.65	34.97	27.82	45.49	1.72	58.99	59.26	0.523
1911	3.63	34.95	27.81	46.58	1.72	59.55	59.82	0.514
1922	3.63	34.98	27.83	44.69	1.73	59.41	59.67	0.516
1932	3.63	34.99	27.84	43.91	1.73	59.33	59.60	0.518
1944	3.58	34.99	27.85	43.26	1.74	58.18	58.46	0.537

CONGO STA 50 22-05-78 2200 DN CAST

DEPTH	TEMP	SAL	SIG-T	SVA	DELD	% TR	POT TR	POT C
1954	3.52	34.95	27.82	45.75	1.74	57.92	58.19	0.541
1966	3.51	34.95	27.82	45.42	1.75	57.84	58.12	0.543
1976	3.51	34.97	27.83	44.19	1.75	57.77	58.05	0.544
1986	3.50	34.98	27.84	43.74	1.76	57.18	57.47	0.554
1996	3.49	34.95	27.82	45.71	1.76	57.21	57.49	0.554
2008	3.48	34.97	27.84	44.16	1.76	57.06	57.35	0.556
2021	3.48	34.95	27.82	45.93	1.77	56.94	57.23	0.558
2033	3.46	34.94	27.82	45.92	1.78	56.40	56.70	0.568
2043	3.40	34.99	27.86	42.00	1.78	55.64	55.94	0.581
2053	3.39	34.95	27.83	44.38	1.79	55.25	55.56	0.588
2065	3.37	34.95	27.83	44.39	1.79	55.13	55.44	0.590
2075	3.35	34.97	27.85	42.65	1.79	54.84	55.15	0.595
2087	3.35	34.96	27.84	43.91	1.80	54.20	54.51	0.607
2097	3.31	34.94	27.83	44.57	1.80	53.52	53.83	0.619
2107	3.29	34.95	27.84	43.69	1.81	52.64	52.96	0.636
2117	3.25	34.97	27.86	41.47	1.81	51.86	52.18	0.651
2127	3.24	34.96	27.85	42.26	1.82	51.37	51.70	0.660
2137	3.24	34.96	27.85	42.24	1.82	50.56	50.90	0.676
2151	3.23	34.96	27.85	42.36	1.83	49.85	50.19	0.689
2161	3.22	34.95	27.85	43.14	1.83	50.54	50.87	0.676
2171	3.22	34.95	27.85	43.15	1.84	50.95	51.29	0.668
2182	3.22	34.96	27.86	42.43	1.84	50.81	51.15	0.671

Fig.30

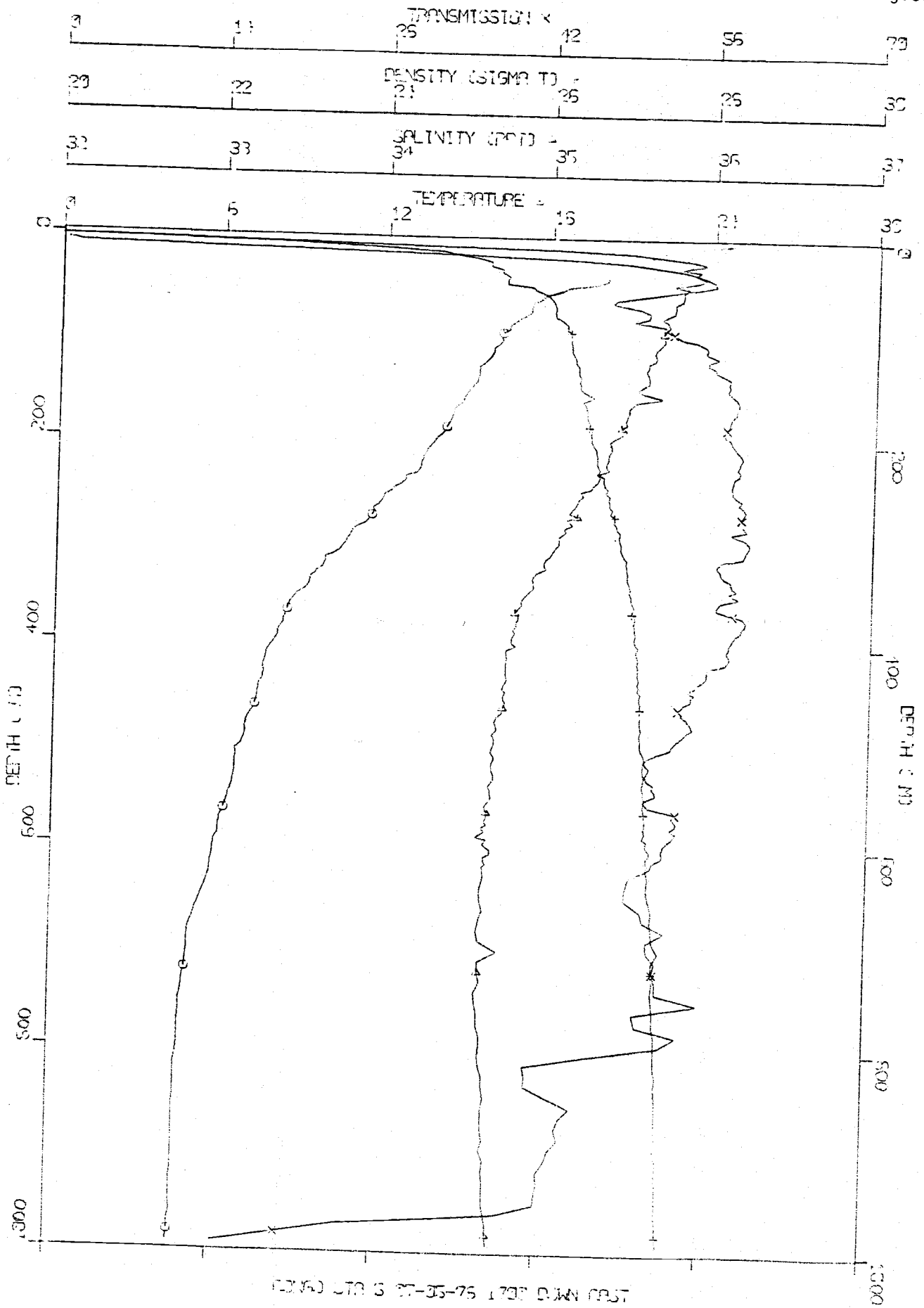

TRANSMISSION %
DENSITY (SIGMA T)
SALINITY (PPT)
TEMPERATURE
DEPTH (M)
DEPTH (M)

Fig.31

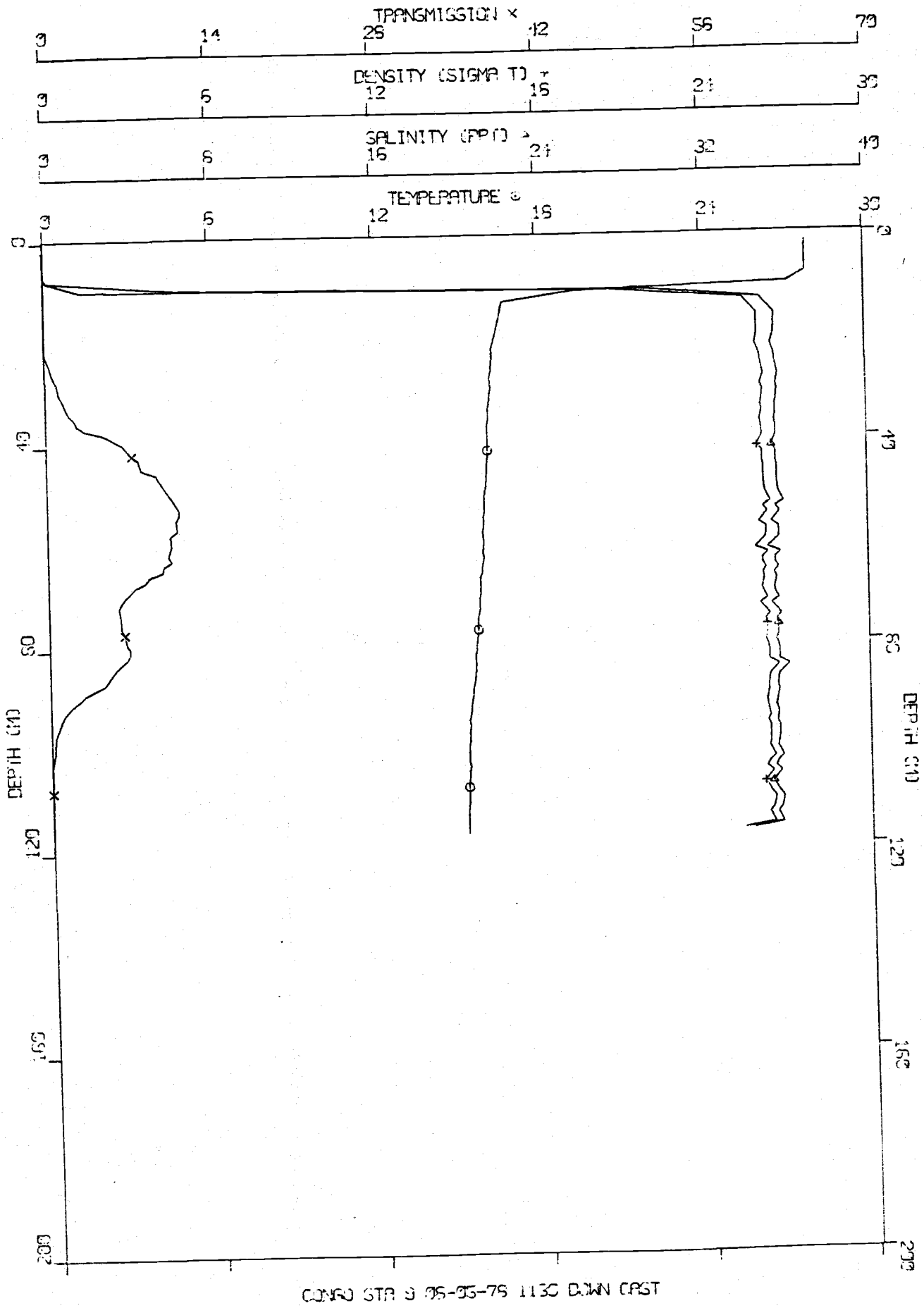

TRANSMISSION %
0 14 28 42 56 70
DENSITY (SIGMA T)
0 6 12 18 24 30
SALINITY (PPT)
0 8 16 24 32 40
TEMPERATURE °C
0 6 12 18 24 30
DEPTH (M)
0 40 80 120 160 200
CONRO STA 9 05-05-79 1130 DOWN CAST

Fig.32

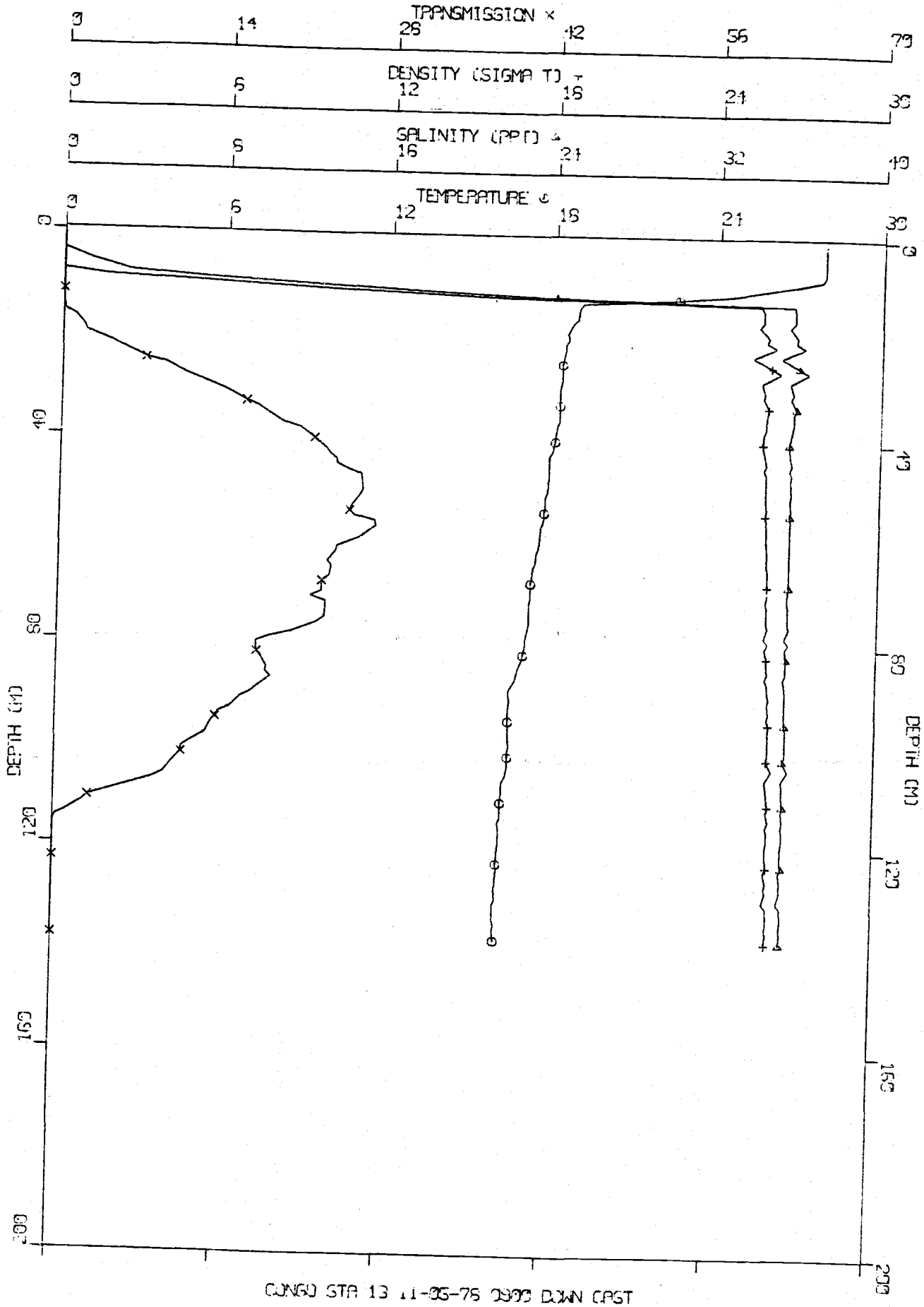

TRANSMISSION %
0 14 28 42 56 70
DENSITY (SIGMA T)
0 6 12 18 24 30
SALINITY (PPT)
0 8 16 24 32 40
TEMPERATURE
0 6 12 18 24 30
DEPTH (M)
0 40 80 120 160 200
CONGO STA 13 11-06-78 0900 DOWN CAST

Fig.33

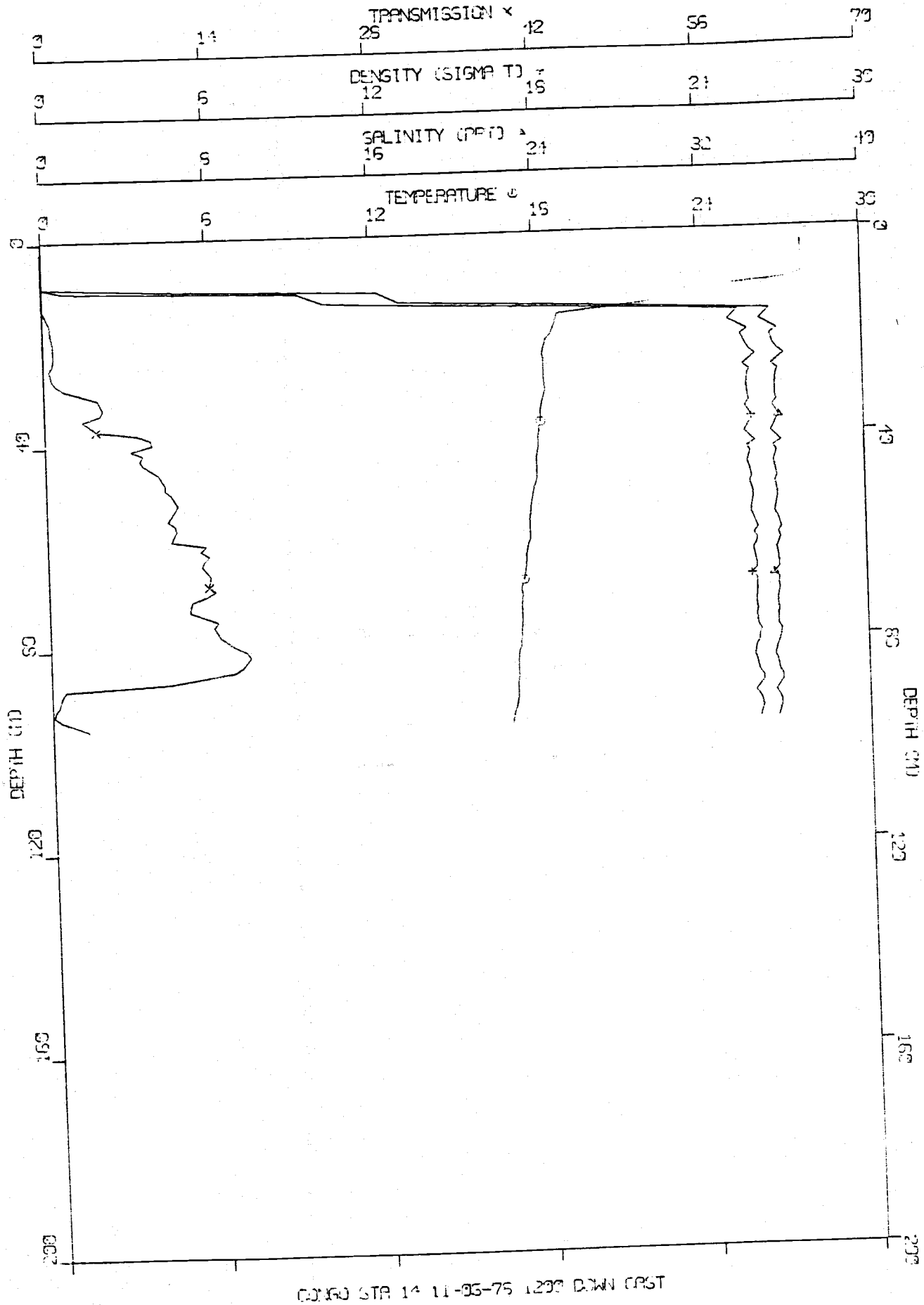

TRANSMISSION %
0
14
28
42
56
70
DENSITY (SIGMA T)
0
6
12
18
24
30
SALINITY (PPT)
0
8
16
24
32
40
TEMPERATURE °C
0
6
12
18
24
30
DEPTH (M)
0
40
80
120
160
200
CONGO STA 14 11-05-76 1200 DOWN CAST

Fig.34

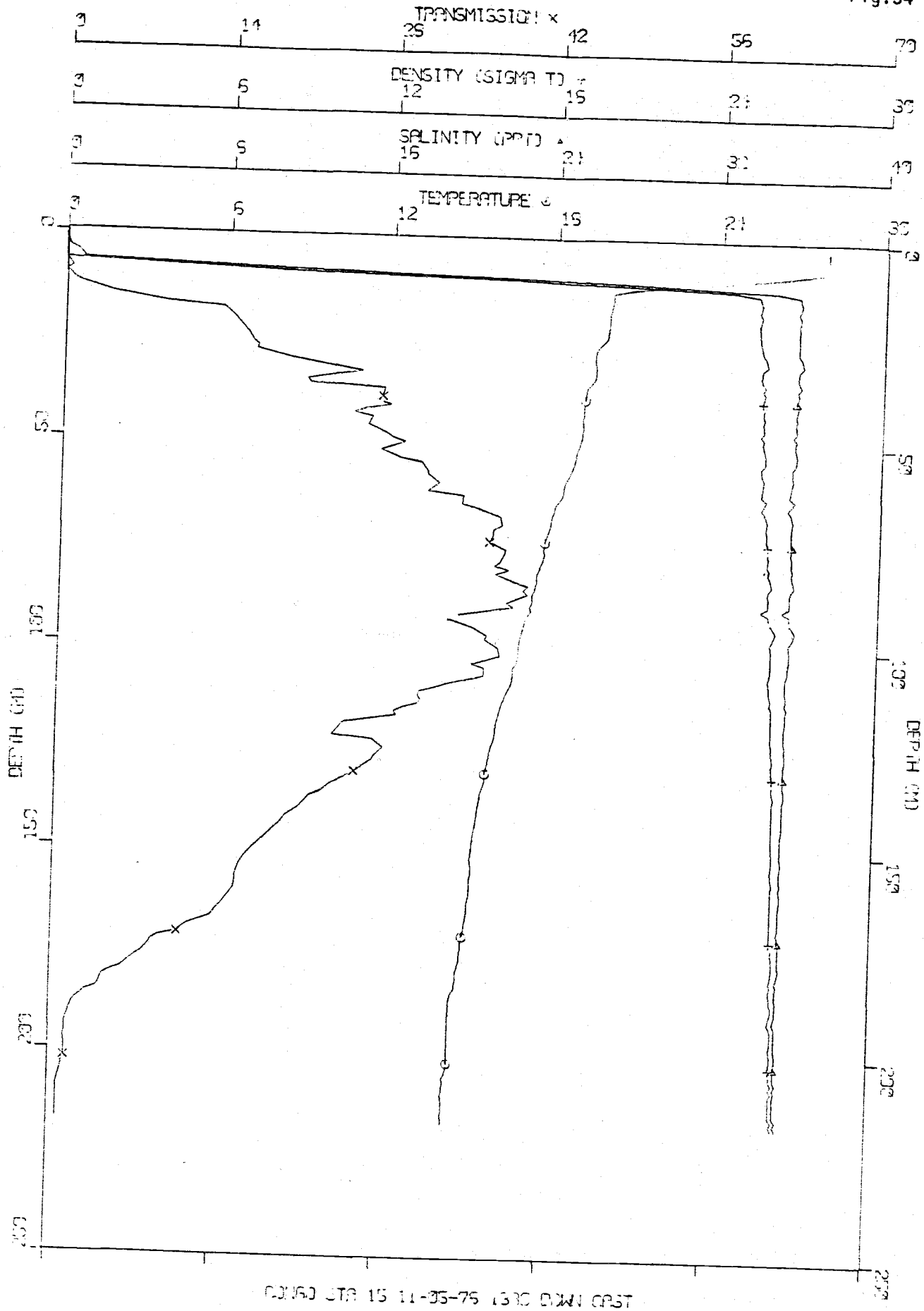

TRANSMISSION %
DENSITY (SIGMA T)
SALINITY (PPT)
TEMPERATURE
DEPTH (M)
DEPTH (M)

Fig.35

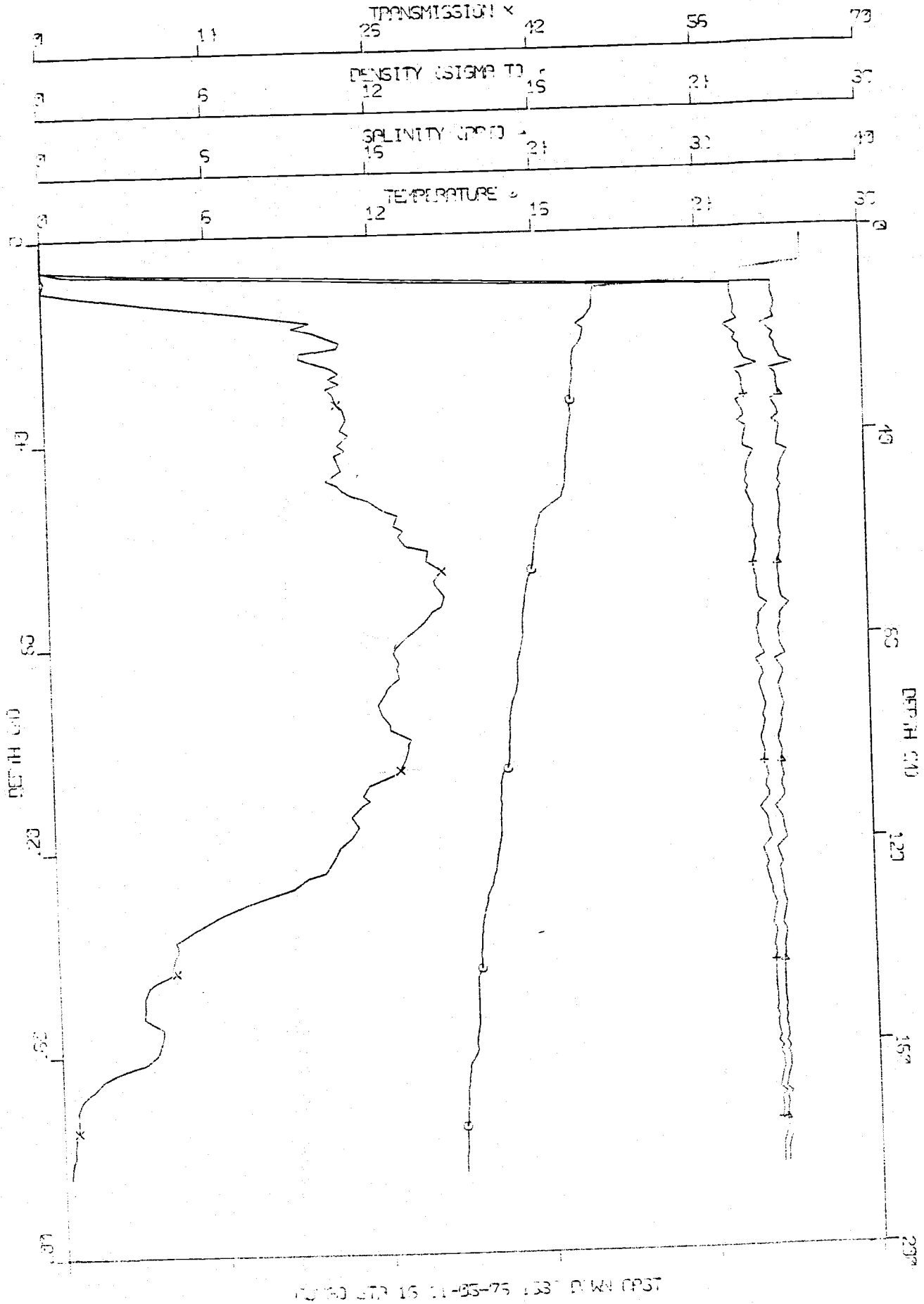

TRANSMISSION %
DENSITY (SIGMA T)
SALINITY (PPT)
TEMPERATURE
DEPTH (M)

Fig.36

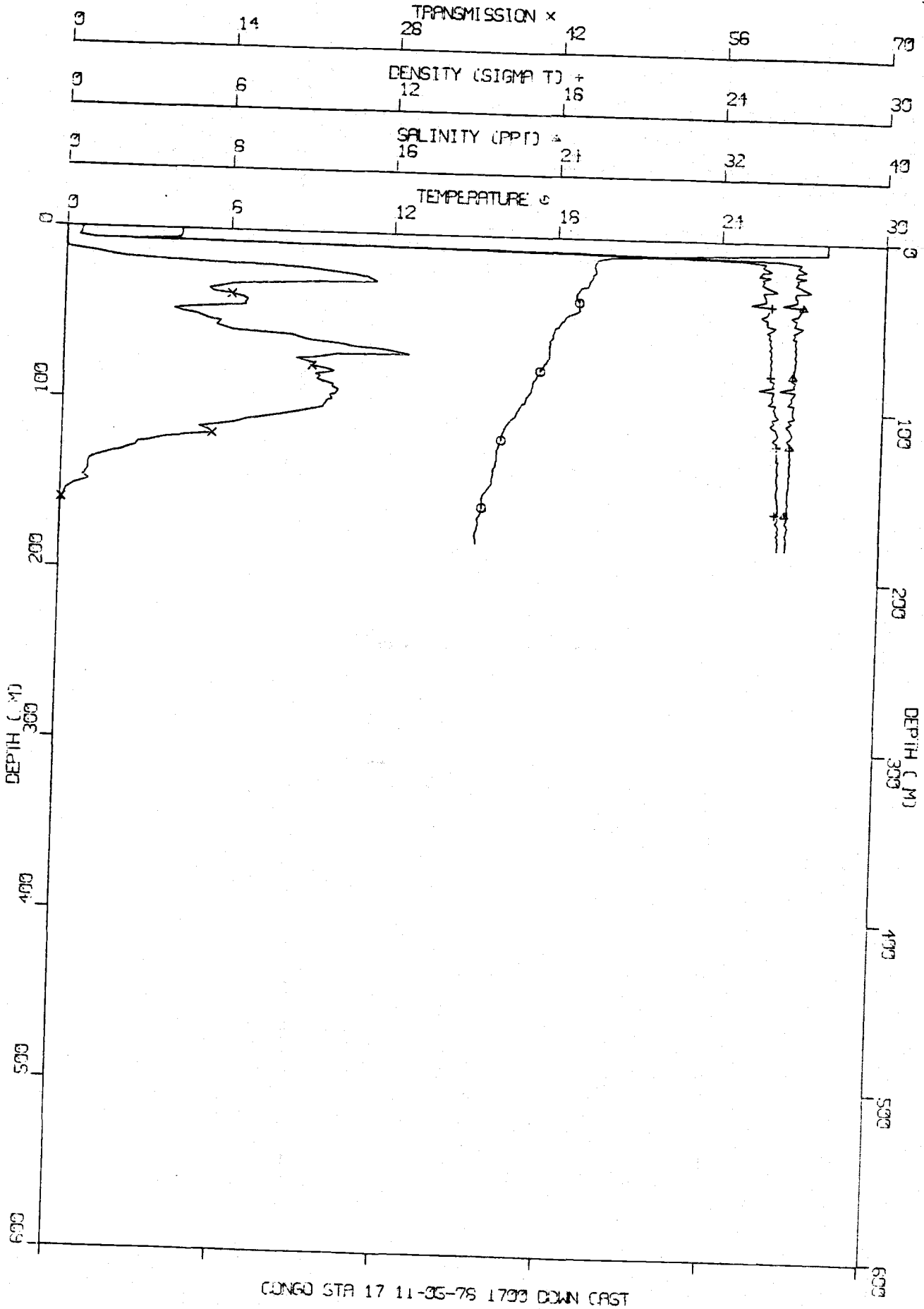

TRANSMISSION ×
0 14 28 42 56 70
DENSITY (SIGMA T) +
0 6 12 18 24 30
SALINITY (PPT) ▲
0 8 16 24 32 40
TEMPERATURE ⊙
0 6 12 18 24 30
DEPTH (M)
0 100 200 300 400 500 600
CONGO STA 17 11-05-78 1700 DOWN CAST

Fig.37

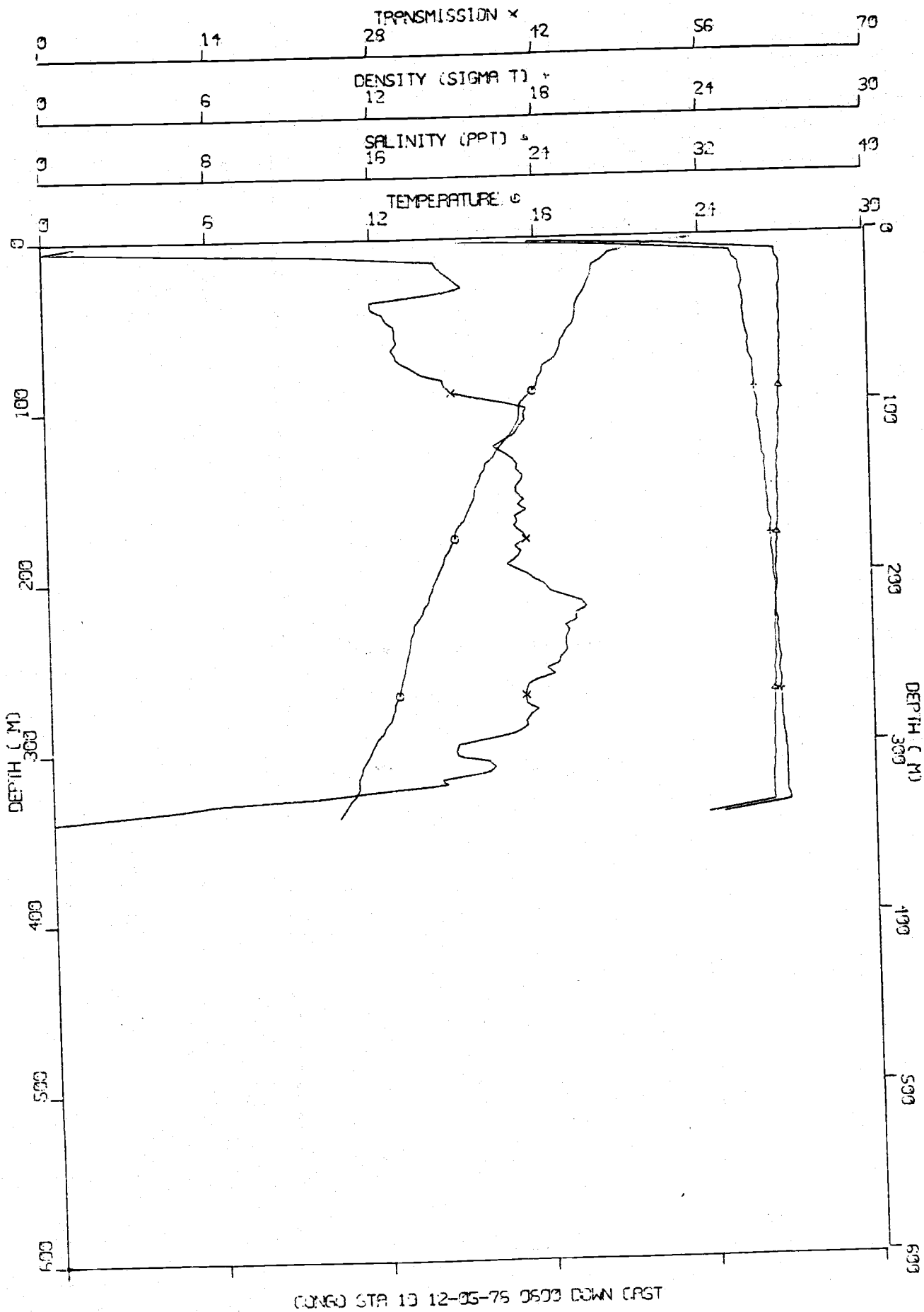

TRANSMISSION %
0 14 28 42 56 70
DENSITY (SIGMA T)
0 6 12 18 24 30
SALINITY (PPT)
0 8 16 24 32 40
TEMPERATURE C
0 6 12 18 24 30
DEPTH (M)
0 100 200 300 400 500 600
CONGO STA 10 12-06-75 0600 DOWN CAST

Fig.38

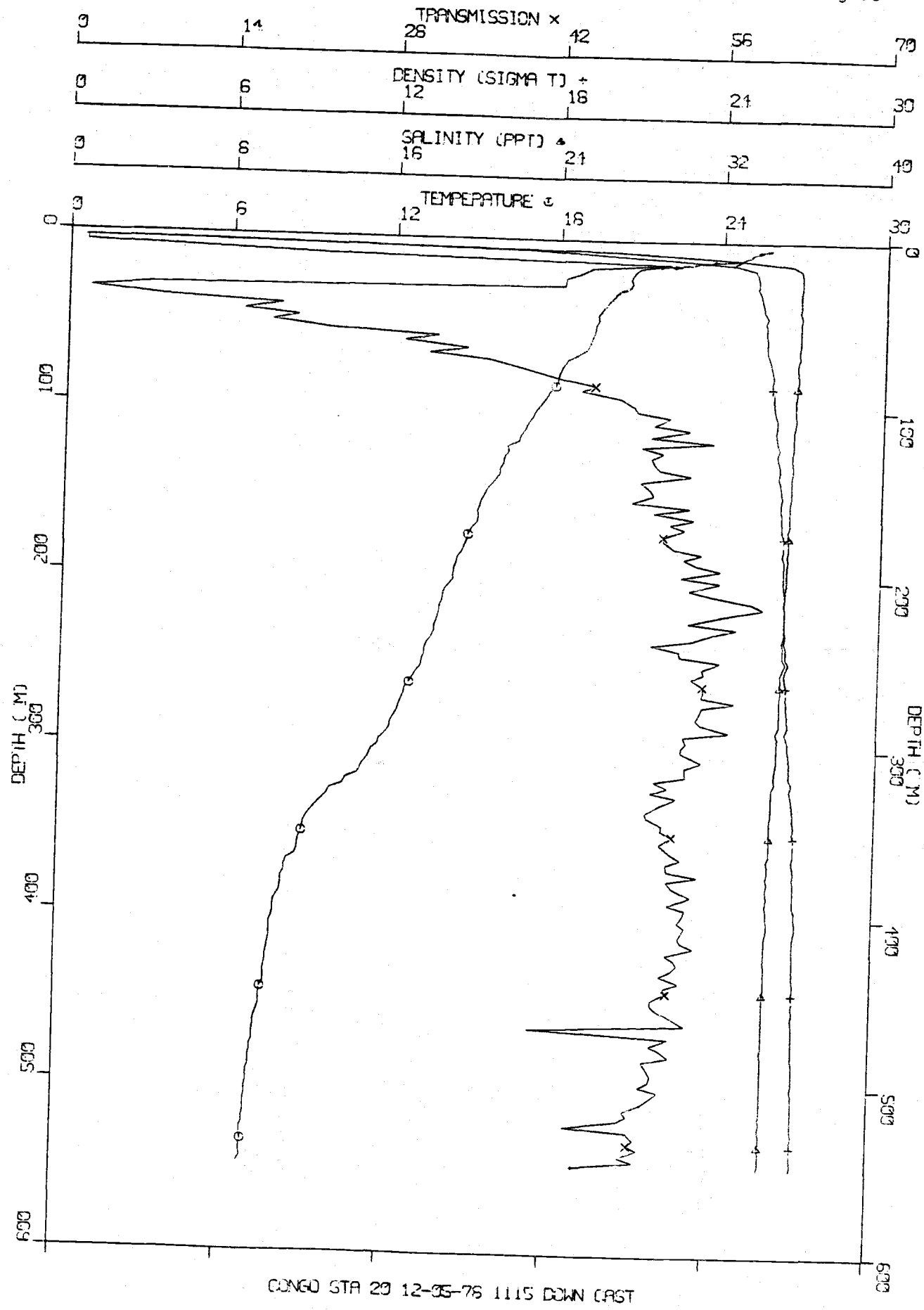
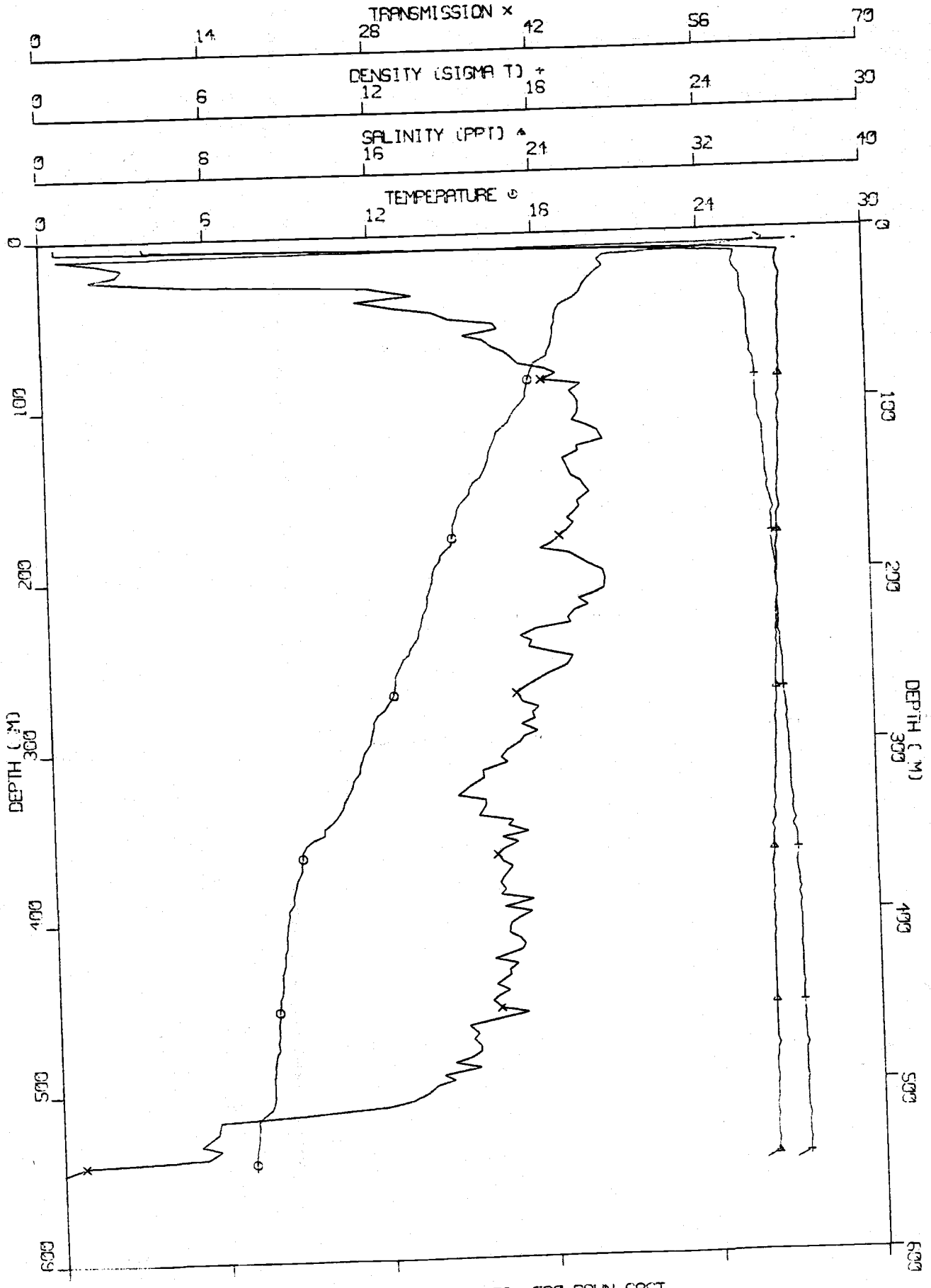

TRANSMISSION ×
0
14
28
42
56
70
DENSITY (SIGMA T) +
0
6
12
18
24
30
SALINITY (PPT) ▲
0
8
16
24
32
40
TEMPERATURE ⊙
0
6
12
18
24
30
DEPTH (M)
0
100
200
300
400
500
600
CONGO STA 20 12-05-76 1115 DOWN CAST

Fig.39



CONGO STA 21 12-05-78 1530 DOWN CAST

Fig.40

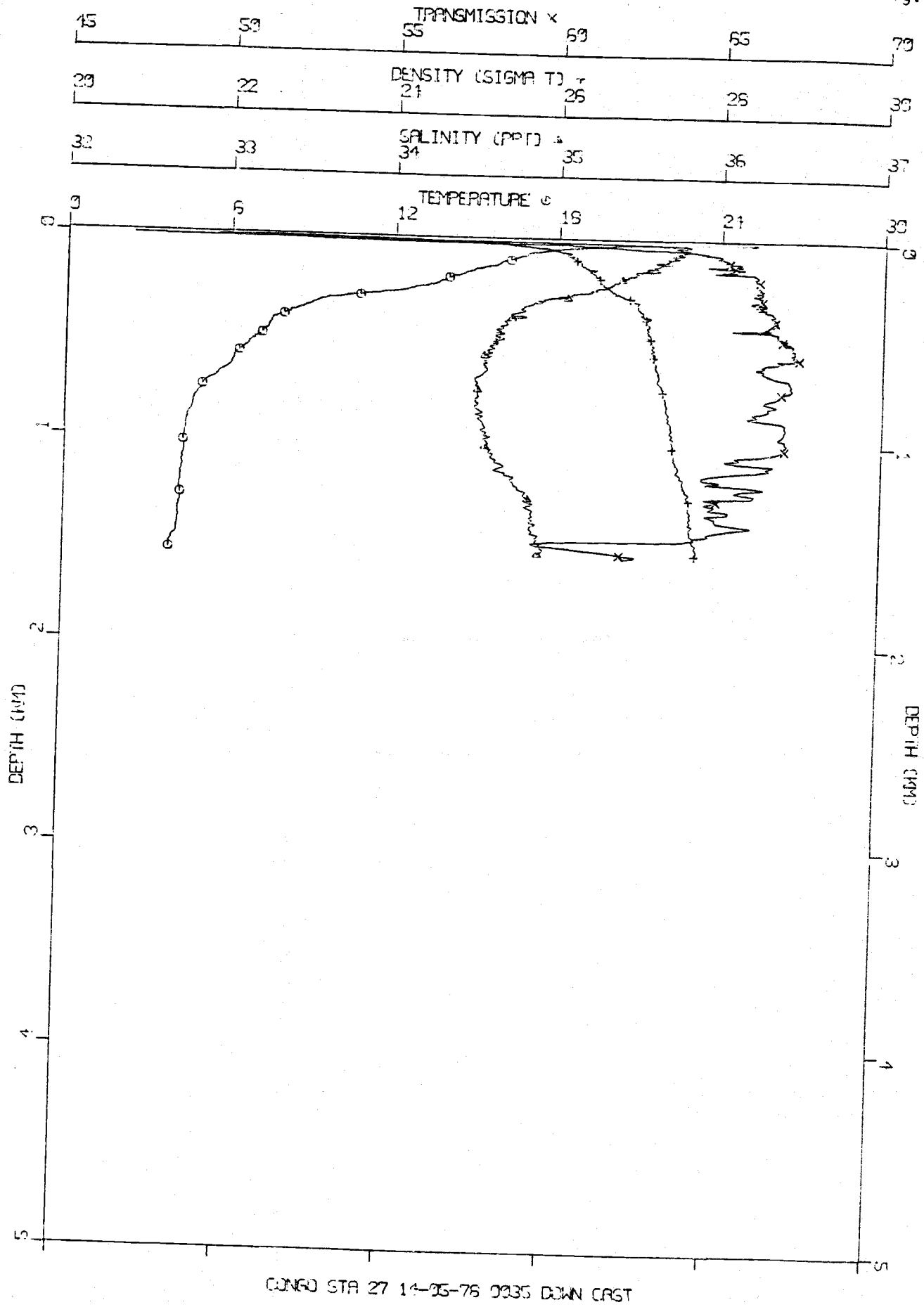

TRANSMISSION %
45
50
55
60
65
70
DENSITY (SIGMA T)
20
22
24
26
28
30
SALINITY (PPT)
32
33
34
35
36
37
TEMPERATURE
0
6
12
18
24
30
DEPTH (KM)
0
1
2
3
4
5
CONGO STA 27 14-05-76 0935 DOWN CAST

Fig.41

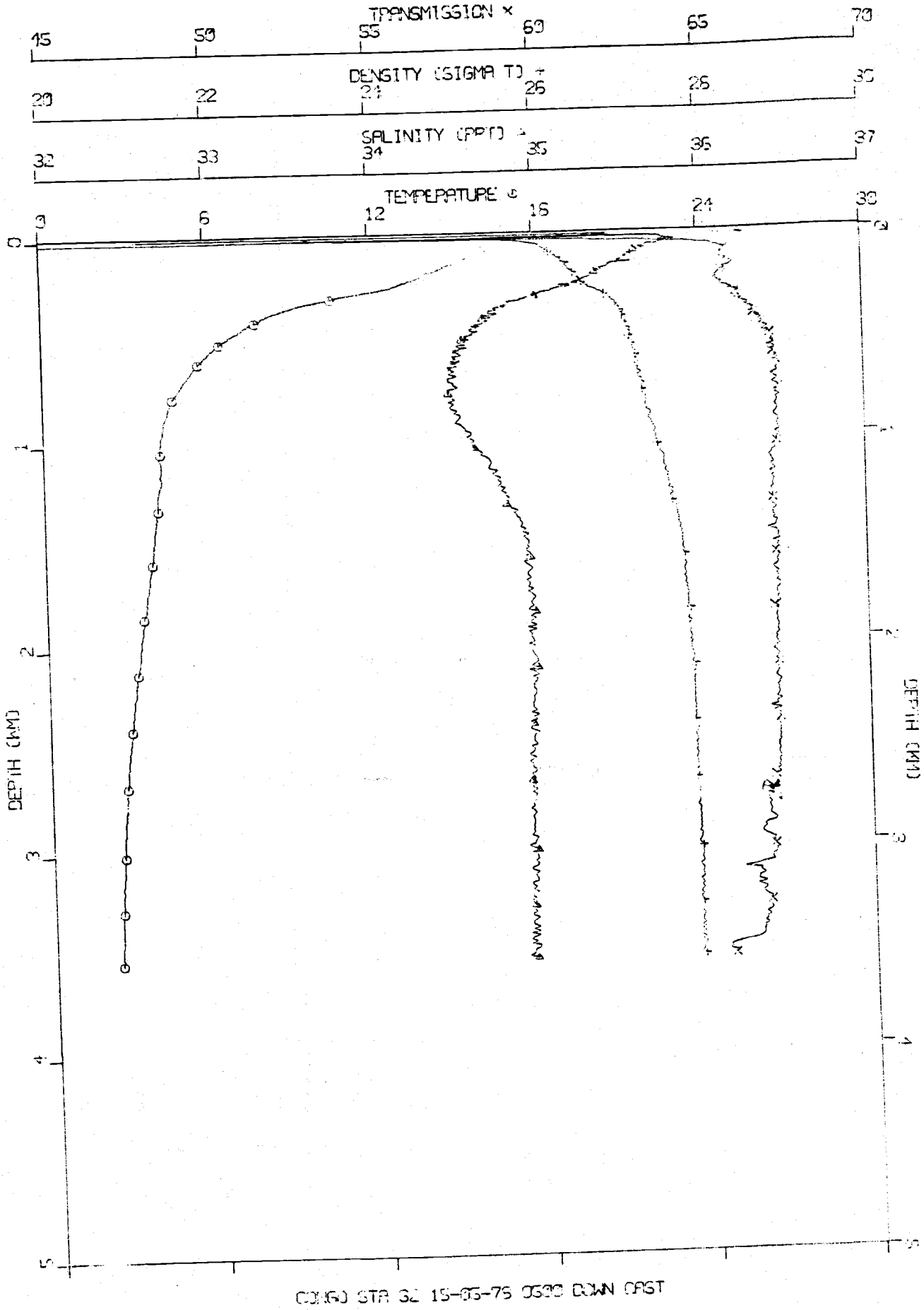

TRANSMISSION x
45
50
55
60
65
70
DENSITY (SIGMA T) +
20
22
24
26
28
30
SALINITY (PPT) ▲
32
33
34
35
36
37
TEMPERATURE ⊙
0
6
12
18
24
30
DEPTH (KM)
0
1
2
3
4
5
CONGO STA 32 15-05-75 0500 DOWN CAST

Fig.42

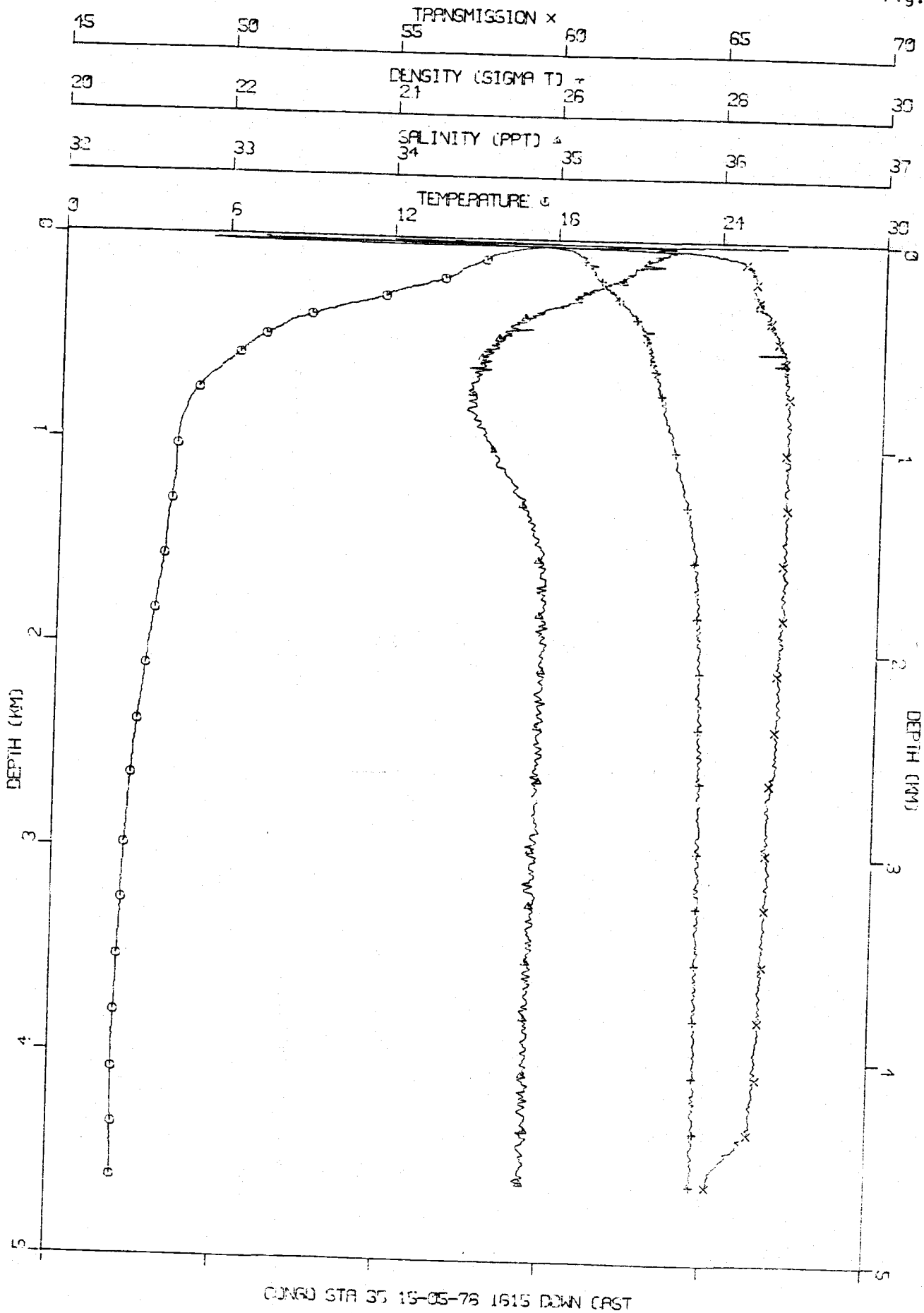

TRANSMISSION ×
45
50
55
60
65
70
DENSITY (SIGMA T) +
20
22
24
26
28
30
SALINITY (PPT) ▲
32
33
34
35
36
37
TEMPERATURE ⊙
0
6
12
18
24
30
DEPTH (KM)
0
1
2
3
4
5
CONGO STA 35 15-05-78 1615 DOWN CAST

Fig.43

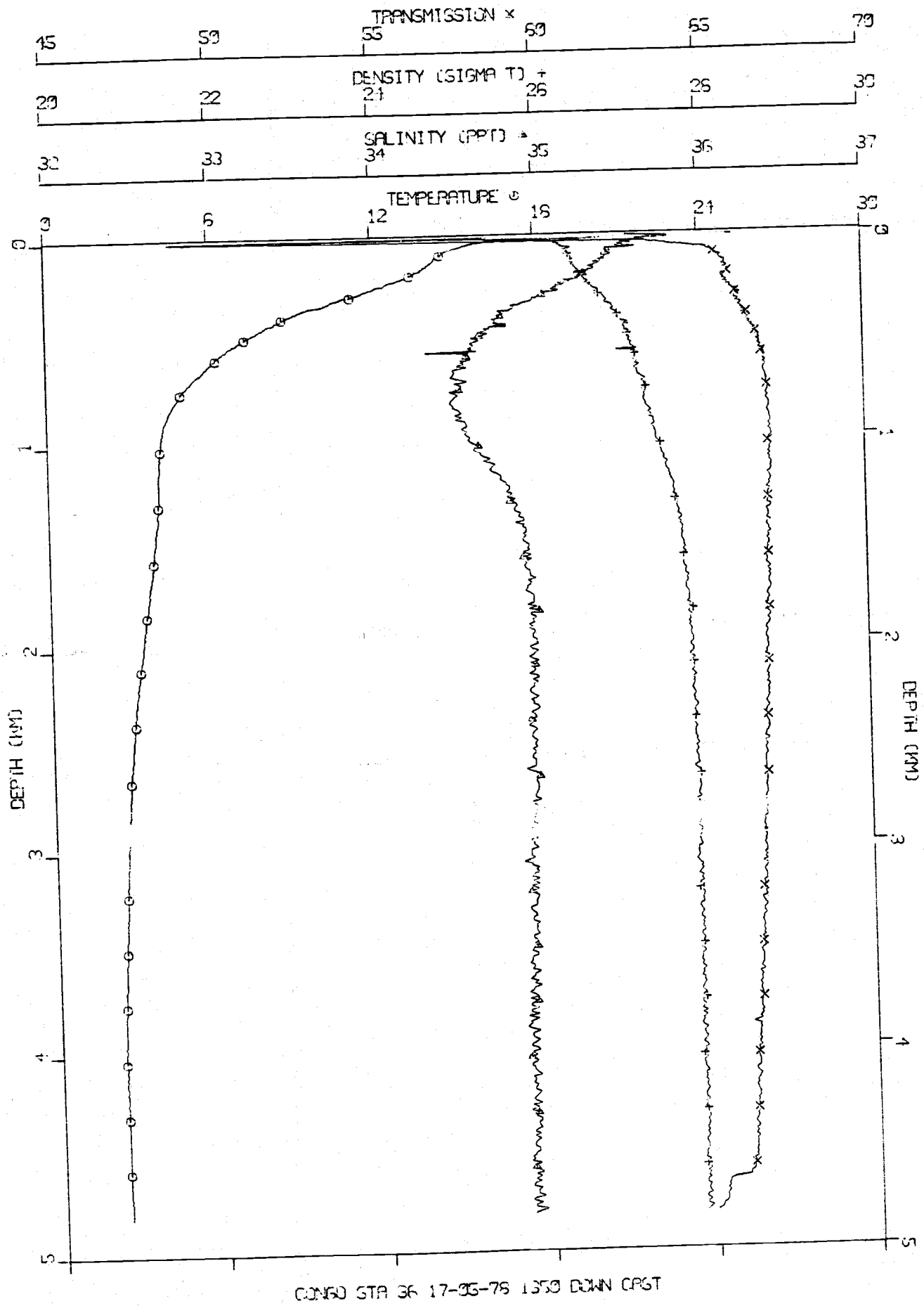

TRANSMISSION %
45
50
55
60
65
70
DENSITY (SIGMA T)
20
22
24
26
28
30
SALINITY (PPT)
32
33
34
35
36
37
TEMPERATURE
0
6
12
18
24
30
DEPTH (KM)
0
1
2
3
4
5
CONRAD STA 36 17-05-78 1350 DOWN CAST

Fig.44

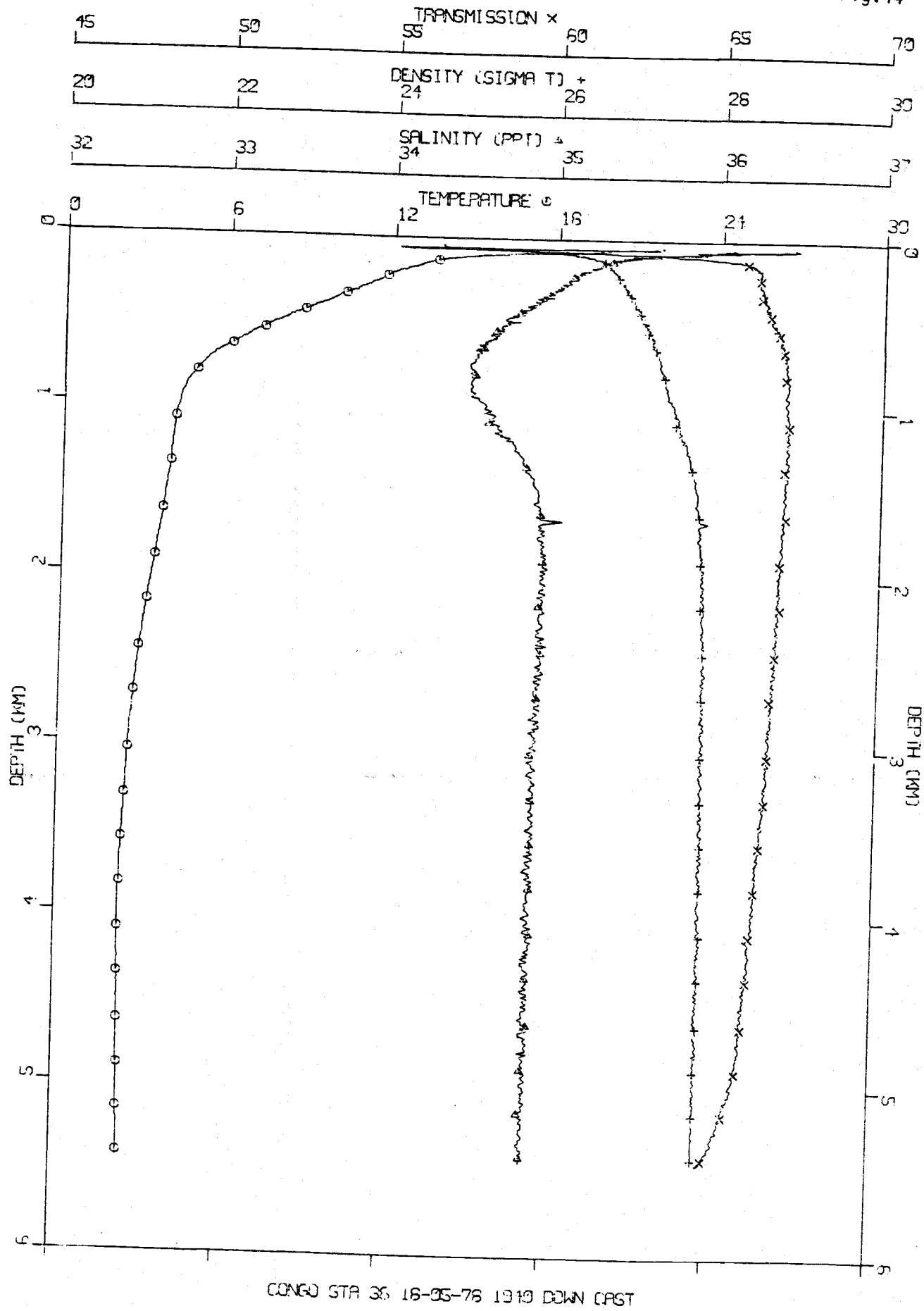

TRANSMISSION ×
45
50
55
60
65
70
DENSITY (SIGMA T) +
20
22
24
26
28
30
SALINITY (PPT) ▲
32
33
34
35
36
37
TEMPERATURE ⊙
0
6
12
18
24
30
DEPTH (KM)
0
1
2
3
4
5
6
CONGO STA 36 18-05-78 1910 DOWN CAST

Fig.45

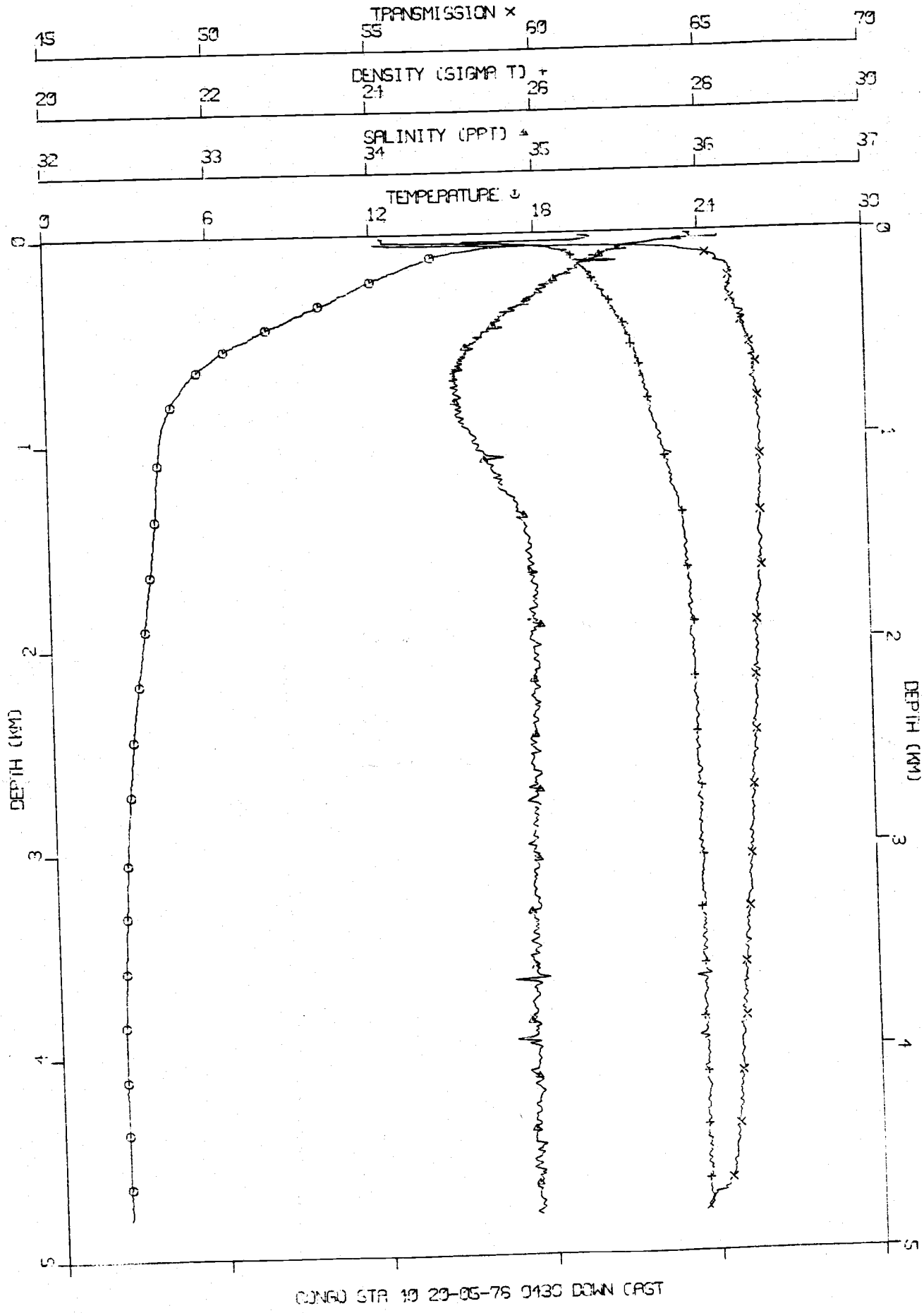

TRANSMISSION ×
45
50
55
60
65
70
DENSITY (SIGMA T) +
20
22
24
26
28
30
SALINITY (PPT) ▲
32
33
34
35
36
37
TEMPERATURE ⊕
0
6
12
18
24
30
DEPTH (KM)
0
1
2
3
4
5
CONGO STA 10 20-05-76 0130 DOWN CAST

Fig.46

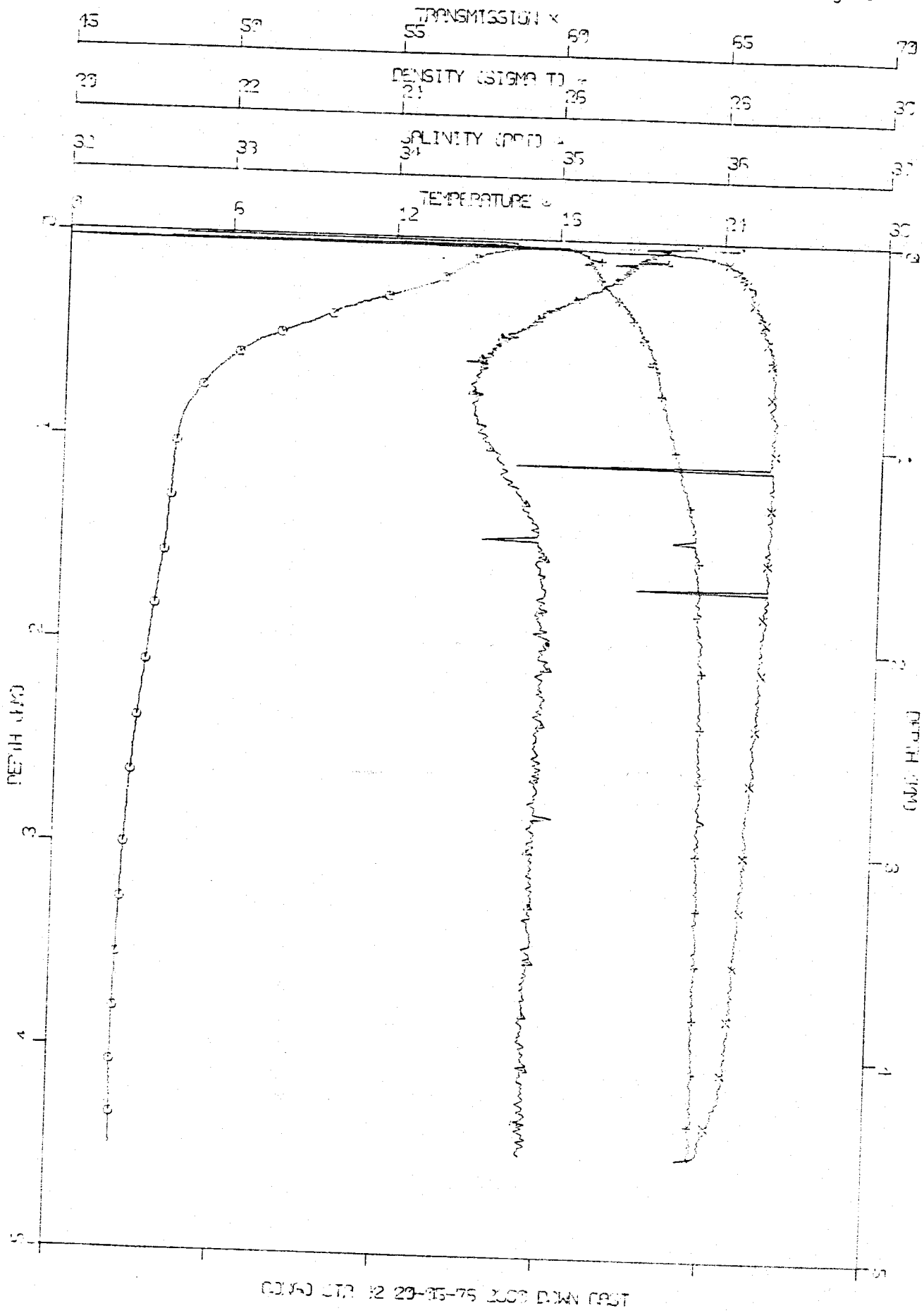

TRANSMISSION %
DENSITY (SIGMA T)
SALINITY (PPT)
TEMPERATURE
DEPTH (M)

Fig.47

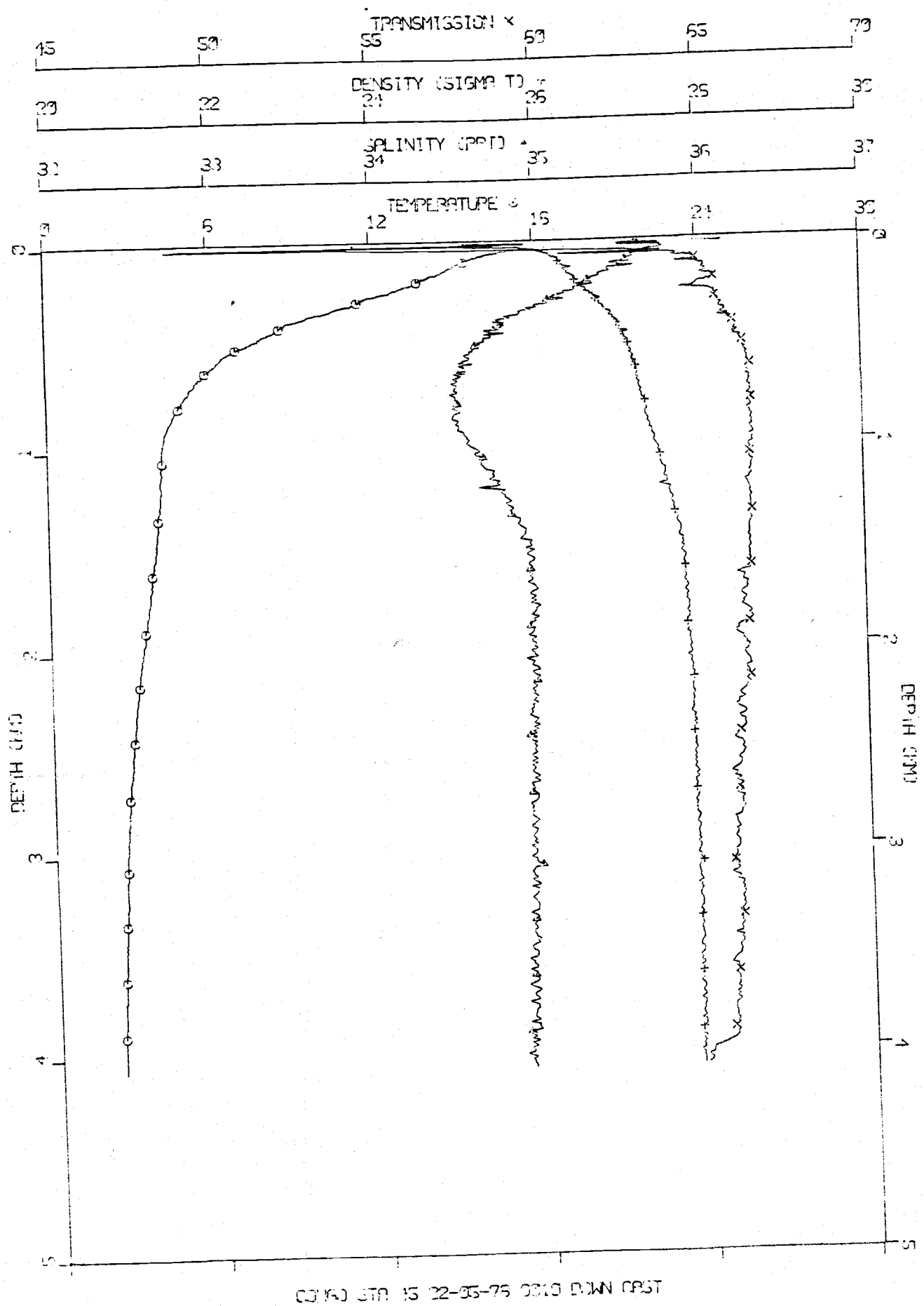

TRANSMISSION
45
50
55
60
65
70
DENSITY (SIGMA T)
20
22
24
26
28
30
SALINITY (PPT)
32
33
34
35
36
37
TEMPERATURE
0
6
12
18
24
30
DEPTH (KM)
0
1
2
3
4
5
DEPTH (KM)
CONGO STA 15 22-05-76 0010 DOWN CAST

Fig.48

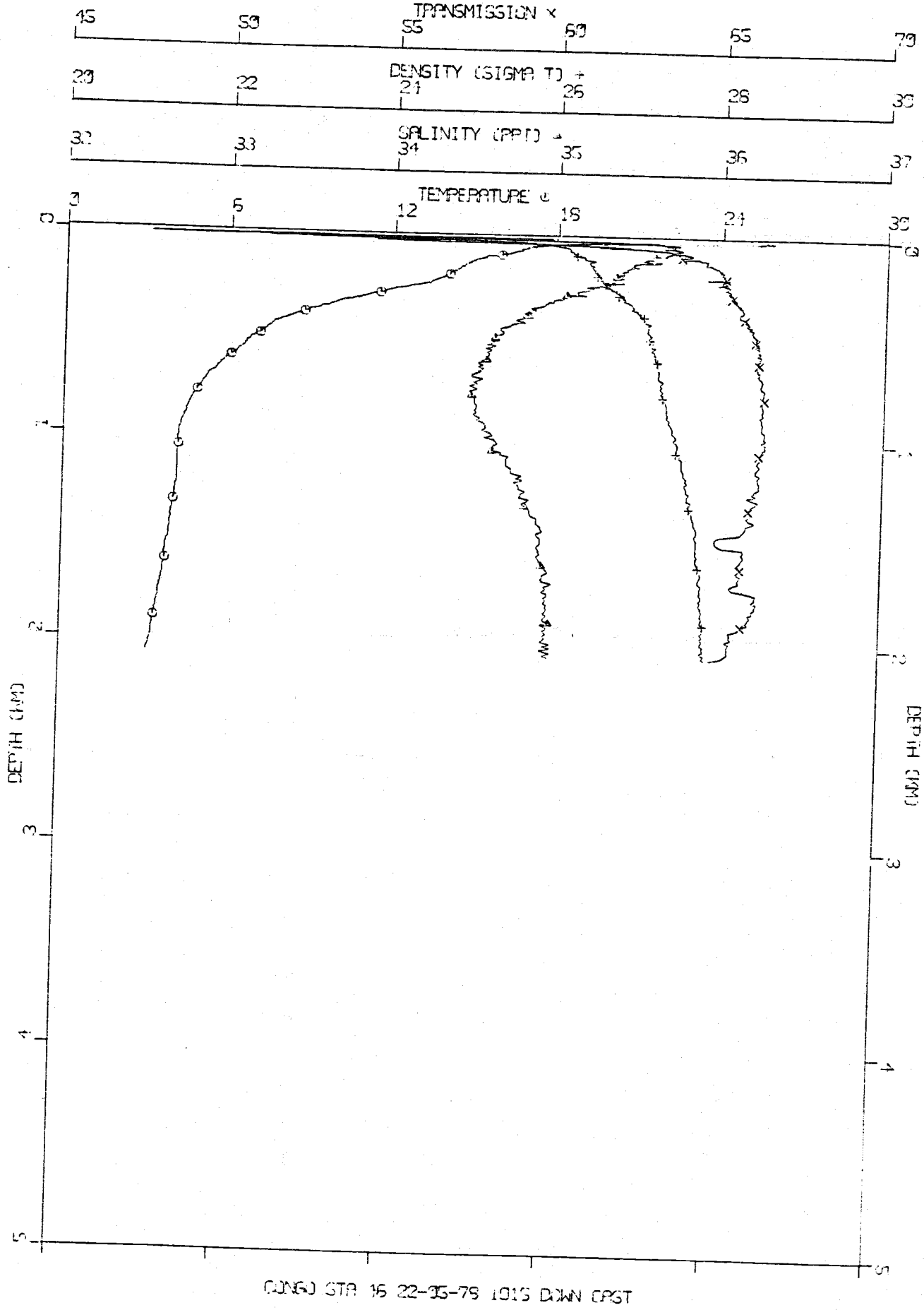
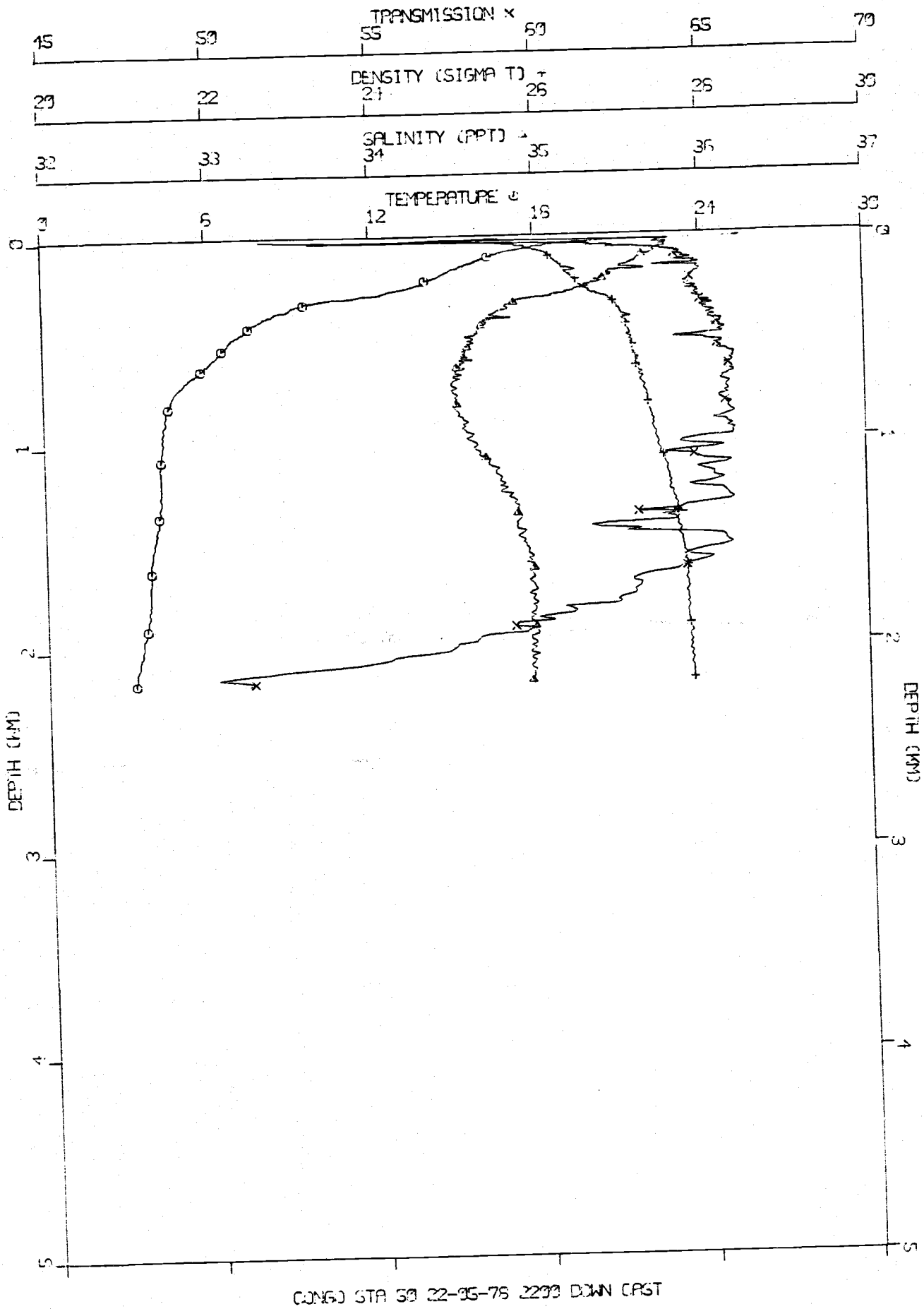

TRANSMISSION x
45
50
55
60
65
70
DENSITY (SIGMA T) +
20
22
24
26
28
30
SALINITY (PPT) ▲
32
33
34
35
36
37
TEMPERATURE ⊙
0
6
12
18
24
30
DEPTH (MM)
0
1
2
3
4
5
CONGO STA 16 22-05-79 1015 DOWN CAST

Fig.49


TRANSMISSION ×
45
50
55
60
65
70
DENSITY (SIGMA T) +
20
22
24
26
28
30
SALINITY (PPT) ▲
32
33
34
35
36
37
TEMPERATURE ⊙
0
6
12
18
24
30
DEPTH (KM)
0
1
2
3
4
5
CONGO STA 50 22-05-78 2200 DOWN CAST

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