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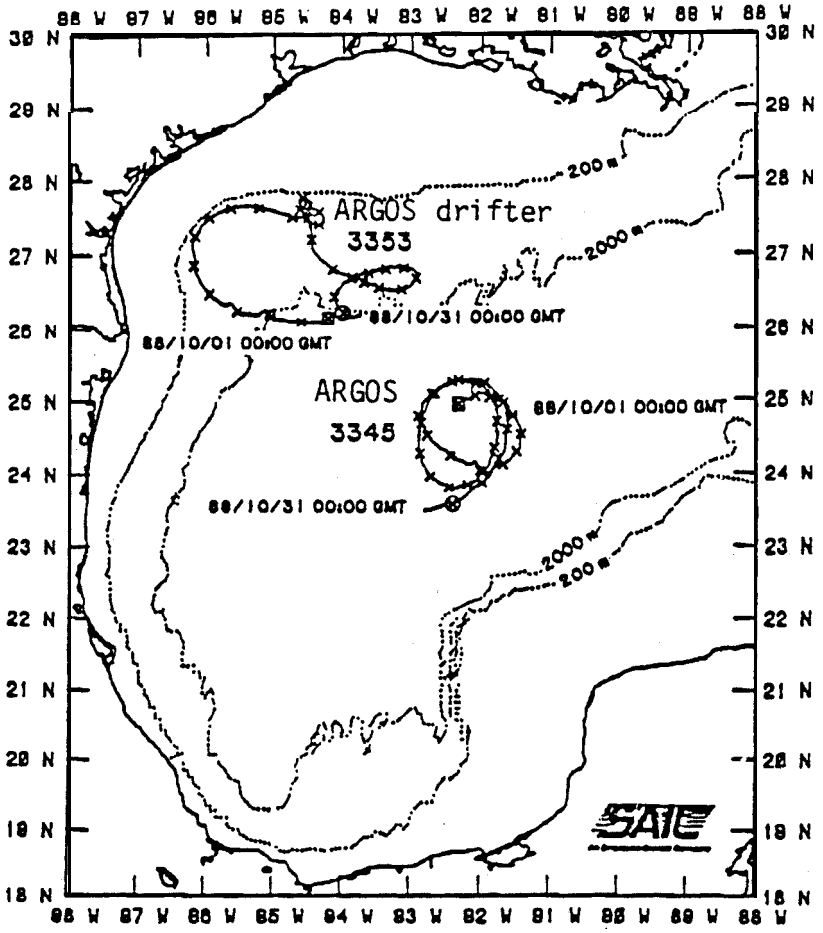
HYDROGRAPHIC DATA FROM THE TEXAS CONTINENTAL SHELF AND NORTHWEST CONTINENTAL SLOPE OF THE GULF OF MEXICO: TAMU ECOSYSTEM RESEARCH GROUP "RINGS" CRUISE 88G-O.5



Technical Report 88-05-T of the Department of Oceanography
of Texas A&Ml University, College Station, TX 77843

Prepared for the US Minerals Management Service by the Technical Support Services Group of Texas A&M University to archive oceanographic data collected in cooperation with the Republic of Mexico Direccion General de Oceanografia Naval

for TAMU Technical Support Services Group

22 November 1988

ACKNOWLEDGE'tENTS

R/V GYRE "rings cruise 88G-05 was planned by Texas A&M University in collaboration with Science Applications international Corporation and the Republic of Mexico Direccion General de Oceanografia Naval. Mexico sent two scientists to work with us to carry out the fieldwork, Texas A&M University funded the shiptime and provided salary for four of the Marine and Electronics Technicians who supported this 10-day field effort, and a grant from the US Minerals Management Service provided salary support for four additional technicians. The SAIC Gulf of Mexico program office in Raleigh, NC, provided us with XBTs and also shared data with us showing the trajectories of Argos drifters which they had deployed earlier in 1988 in two warm-core rings. Maps of drifter trajectories through 13 October that SAIC provided pre-cruise are shown on page 6, and a summary map of two drifter trajectories that SAIC generated post-cruise to summarize the locations of warm core rings during the period 1-31 October is shown on the cover. Guided by the SAIC Argos maps and a 9 October AVHRR map of NW Gulf of Mexico sea surface temperature that we received before we sailed from Roffer's Ocean Fishing Forecasting Services in Miami, FL, we had sufficient overview information about the mesoscale circulation pre-cruise that we decided to use R/V GYRE to survey an "old ring west of 94W, before it merged with a 'new-, incoming ring which SAIC would study concurrently with R/V PELICAN and NORDA aircraft.

At sea on GYRE 88 G-05, our science party received cheerful support from the crew chartered to staff GYRE from Hornbeck Offshore Services and from Deck Engineers Desmond Rolf and David Barrow, who sailed with us from the TAMU Marine Operations group in Galveston to run GYRE's winches, cranes, and A-frames.

BRIEF DESCRIPTION OF CRUISE AND SCIENTIFIC RESULTS

Training and research in support of the TA MU multidisciplinary Ecosystem Research Group was conducted with a full shipboard science party of 19 persons, made up of Chief Scientist D.C. Biggs, 5 graduate students and 8 technicians from the Department of Oceanography at TAMU College Station, a research assistant from the Geochemical and Environmental Research Group at TAMU College Station, a research assistant from TAMU Galveston, a visiting scientist from the Institute of Marine Science at the University of Texas in Port Aransas, and 2 visiting scientists (Alberto M. Perez Franco and Elizabeth N. Herrera Castillo) from the Direccion General de Oceanografia Naval in Mexico City.

This cruise continued snd extended the cooperation between TAMU and Mexico's naval oceanographic division that we'd begun in the fall of 1987, on GYRE cruises 87G-11 (in which Alberto Perez had participated) and 8?(3-12 (in which Elizabeth Herrera had participated). As in the fall of 1987, the cruise track covered the upper continental slope as well as the continental shelf of the northwest Gulf of Mexico with a grid of closely-spaced CTD and XBT stations. During this cruise, we kept in radio contact with Dr. Jim Singer and Dr. Van Waddell of Science Applications International Corporation, who were coordinating X13T work from R/V PELICAN and AXBT drops from NORDA aircraft to survey an incoming warm ring to the south and east of GYRE's field area.

Cruise 88G-05 departed Galveston at 8AM on 15 October and after a brief port stop in Port Aransas on the afternoon of 23 October returned to Galveston at 1 PM on 24 October, after 10 days and 1000 nautical miles at sea. Projects carried out included:

1) Survey the T/S and nutrients + oxygen + chlorophyll signature of a mesoscale warm-mm ring in the NW Gulf, es a Fall 1988 follow-up to Fall 1987 GYRE cruises 87G-11 and 87G-12 snd Spring 19'87 GYRE cruise 87G-04;

2) Make collections with drifting sediment traps near the center of the warm ring;

3) Transect the continental shelf with "standard" stations in water depths of 20m, 50m, 100m and 200m off Galveston and off Corpus Christi. At-h station,

   a) do a vertical profile of the water column with CTD/rosette multisampler, taking bottle samples every 5m (20m station), 10m (50m and 100m stations) or 2&n (200m station) for analysis of nutrients + oxygen+ chlorophyll;

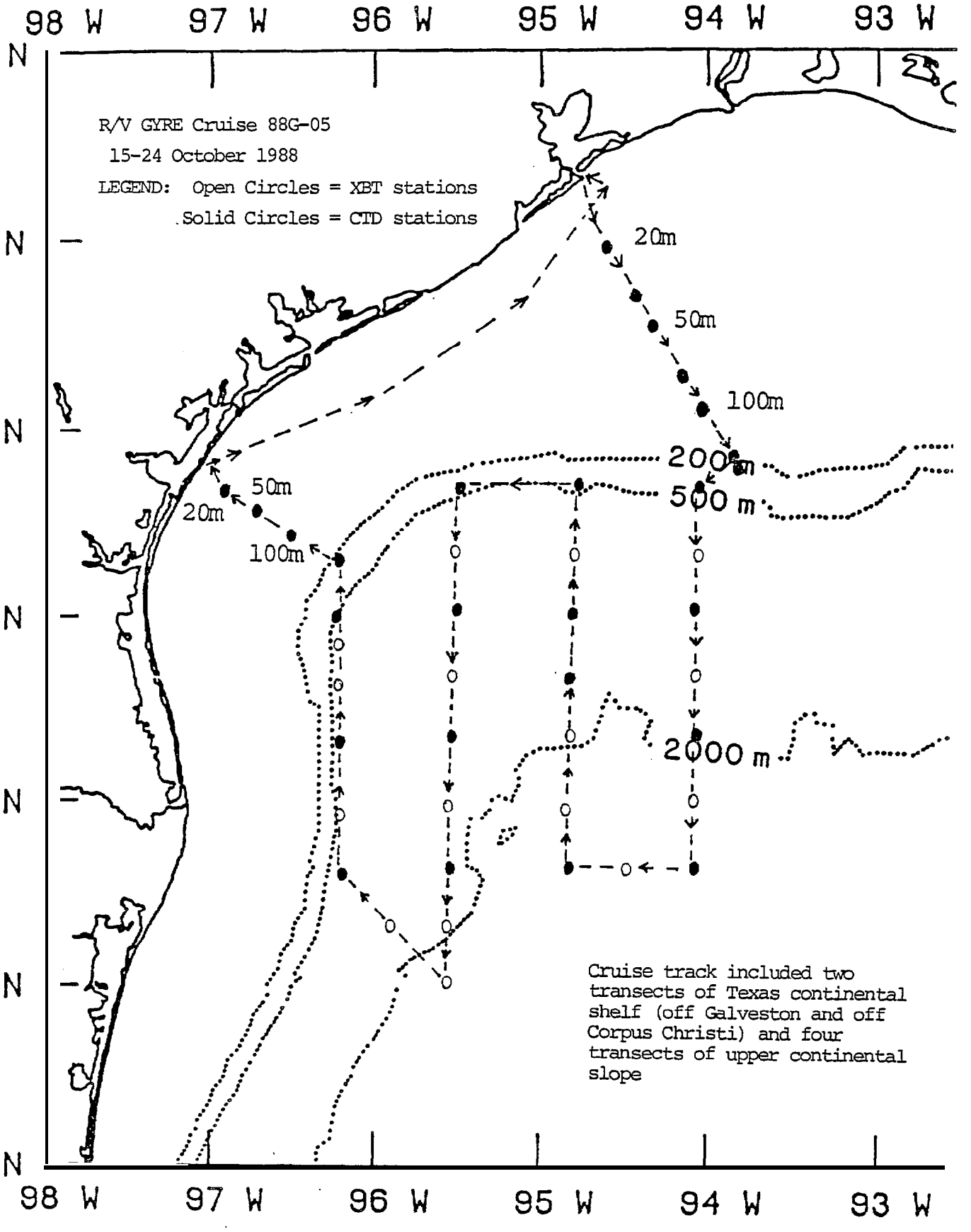
   b) take 6 samples with Small Box Core to describe benthic biomass, trace metal content, hydrocarbon composition, and bacteria/meiofauna biomass;

4) Make collections with 30-foot otter trawl at 200m, 300m, and 400m along the upper continental slope just seaward of the shelf transects off Galveston and off Corpus Christi;

5) Make daily measurements of 14C production to compare primary productivity of shelf with slope regions of the NW Gulf, and warm ring with adjacent slope;

6) Compile surface data on temperature, salinity and chlorophyll continuously throughout the cruise to continue/extend a local reference for remote sensing AVHRR data, for the TAMU Sea Grant program.

Figure 1: Cruise track for R/V GYRE cruise 88G-05



Type of Observations	No. of Stas. or Observs.	Type of Observations	No. of Stas. or Observs.
Rock Dredge		Underway sfc. temperature	logged every minute
Grab sampler:	6 at each shelf station and	Underway sfc. salinity	logged every minute
Piston Corer	2 at 300m, 400m off Galveston	Irradiance	logged every minute
Gravity Corer		STD/CTD	every 40 n miles
Box Corer		XBT	every 20 n miles
Bottom Photography		Optical Measurements	
Seabed engineering studies		Acoustics measurements	
Magnetics		Bottom Trawls:	six upper slope stations
Gravity		Zooplankton tows:	Bongo nets, 18 stations
Bathymetry:	to check depth, at each CTD	Phytoplankton tows:	each 14C station
Subbottom profiling		Neuston tows	
Side-scan sonar		Dip-net collections	
Current meter		Midwater trawls	
Drift cards or bottles		Chlorophyll measurements	continuous in vivo as well as bottles
Drogues		Primary product. measurements	9 stations
Swallow floats		PAR photometer profiles	every 14C station
Dye dispersal measurements		Transmissometer meas.	every CTD cast
Tide gauge measurements		Interstitial water meas.	
Bottom pressure gauges		Suspended matter meas.	each CTD cast
Sea/Swell observations		Scientific diving	
Meteorological observations		Research submersible opers.	

(mark "c" if observations were taken continuously)

Analyses		Analyses	
Salinity:	all bottles, each CTD station	Trace elements	sample of mud from each box
Oxygen:	all bottles, each CTD station	Radioactivity	core station
Phosphorous		Dissolved gases	
Nitrogen	by AA-II autoanalyzer on board,	Hydrocarbons	sample of mud from each box
Silicon	at each CTD station, all bottles	Suspended matter	core station
pH		Particulate carbon	
Alkalinity	on all samples for 14C uptake	Dissolved org. carbon	
Interstitial analyses			

Other observations or analyses: 250ml samples from most depths in upper 100m at each CTD station were preserved for analysis of phytoplankton species composition; subsamples were taken from each box core station for bacteria + meiofauna counts; 3-liters of water from 6 depths in upper 100m was filtered for pigments analysis by HPLC at drifting sediment trap deployment station in Warm Ring.

SCIENTIFIC PERSONNEL ABOARD

Name:	Title:	Affiliation:
1. D.C. Biggs, Chief Scientist	Associate Professor	Dept of Oceanography, TAMU
2. Dean Stockwell,	Research Scientist,	Univ. Texas Marine Science Institute
3. Alberto Perez,	Visiting Scientist,	Mexico Direccion de Oceanografia Naval
4. Elizabeth Herrera,	Visiting Scientist,	Mexico Direccion de Oceanografia Naval
5. Anton Voss,	Research Assistant,	Geochemical & Environmental Research Group, TAMU
6. Bob Huntington,	Research Assistant,	Marine Biology Group, TAMU at Galveston
7. D.J. Murphy	Electronics Tech	Dept of Oceanography, TAMU
8. R.V. Pittman	Electronics Tech	"
9. Eddie Webb	Electronics Tech	"
10. Ken Bottom	Marine Tech	"
11. Glenn Casey	Marine Tech	"
12. Dennis Guffy	Autoanalyzer Tech	"
13. Mark Spears	Autoanalyzer Tech	"
14. Denise Hudson	14C Productivity Tech	"
15. Ian Walsh	Graduate Student Chief Scientist	"
16. Kathleen Cole	Graduate Student	"
17. Ed Dever	Graduate Student	"
18. Jim Simons	Graduate Student	"
19. Ken Deslarzes	Graduate Student	"

SURVEY OF WARM-CORE RING

Guided by a map of the trajectories of Argos drifter 3359 that was provided to us by the Minerals Management Service via SAIC (Fig. 2), we chose to focus our mesoscale ring survey work on a relict wsrm ring that in October 1988 was located over the extreme NW corner of the continental slope of the Gulf of Mexico. Concurrently, R/V PELICAN and an AXBT program would survey an incoming warm ring tagged by Argos drifter 3345 that several lines of evidence indicated had separated from the Loop Current in May 1988.

We used a Seabird SBE-09 Deep Ocean CTD that is outfitted with dual temperate and conductivity sensors and Sippican T-7 X BTs to survey the ring. The CTD is owned by TAMU; the XBTs were kindly provided to us by the Minerals Management Service via SAIC. All CTD salinity data were corrected by adding +0.030 to the raw data: we empirically determined that the offset between CTD salinity and bottle salinity that we measured at sea with a Guildline AutoSal conductive salinometer averaged -0.040 ± 0.003; however, we went with 0.030 so that reported values of salinity in the salinity minimum usually found between 700-900m would average 34.889+ 0.001 (see Table 1, next page). No correction was made to CTD temperature, since reversing thermometers indicated no significant difference between bottle snd CTD temperature; however, we subtracted 0.49 C from the raw XBT data to bring it into agreement with the CTD temperature data (see Table 2, next page).

On each of GYRE's four hydrographic lines along 94 00W, 94 45W, 95 30'W and 96 15'W, we alternated CTD with XBT stations. The resultant grid had 40 nautical mile spacing between CTD stations both in north-south and east-west directions, with 20 nautical mile detail for vertical temperature structure available from the XBTS.

At each of the CTD stations, twenty-four lo-liter Niskin bottles were tripped on the upcast for analysis of nutrients, dissolved oxygen, and chlorophyll + acid degradation products. Nutrient analyses for nitrate, nitrite, ammonium, urea, silicate and phosphate were carried out on board, with a Technicon AA-Ii six channel autoanalyzer. Dissolved oxygen was determined by a modified Winkler titration method, and pigments were estimated by the 'Turner" fluorometric method (see Parsons et al, 1985). A Seatech 25cm pathlength transmissometer attached to the CTD provi ded information about suspended particle concentrations.

Oblique hauls, 0-100m, were made with 70cm diameter Bongo nets that were towed for 30 minutes at each of the CTD stations. One of the pair of nets was 333-µm mesh, while the other was 505-µm mesh; volume of water fiitered was estimated by General Oceanics impeller type flowmeters strung across the mouth of each net.

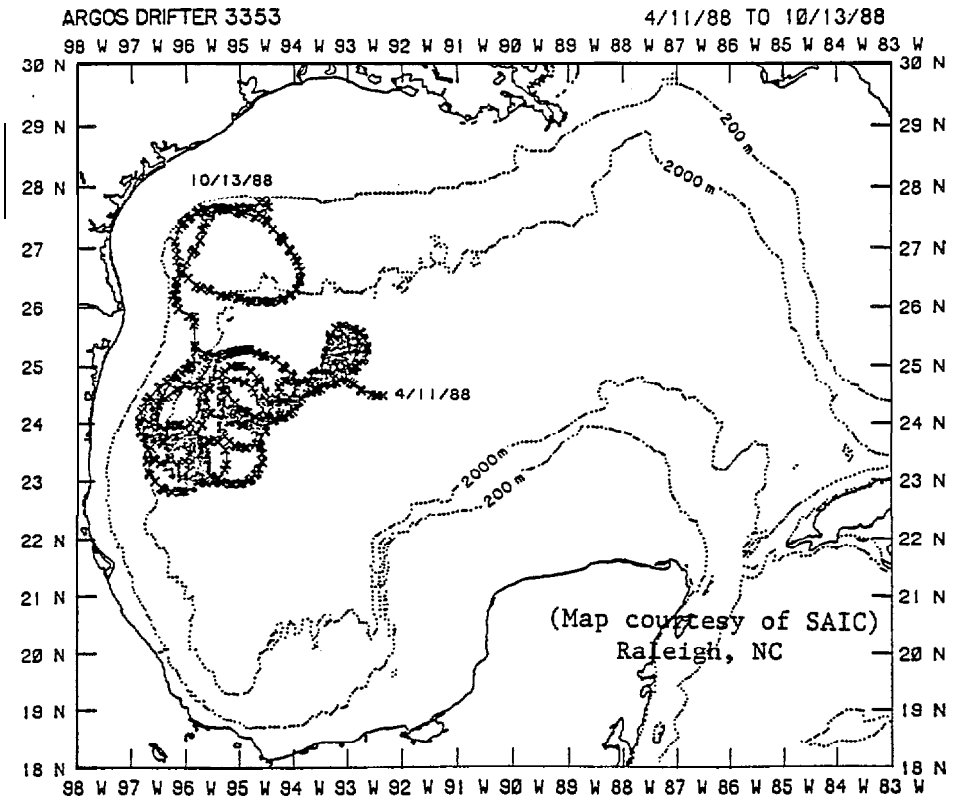
TABLE 1: Salinity Minimum in the NW Gulf of Mexico

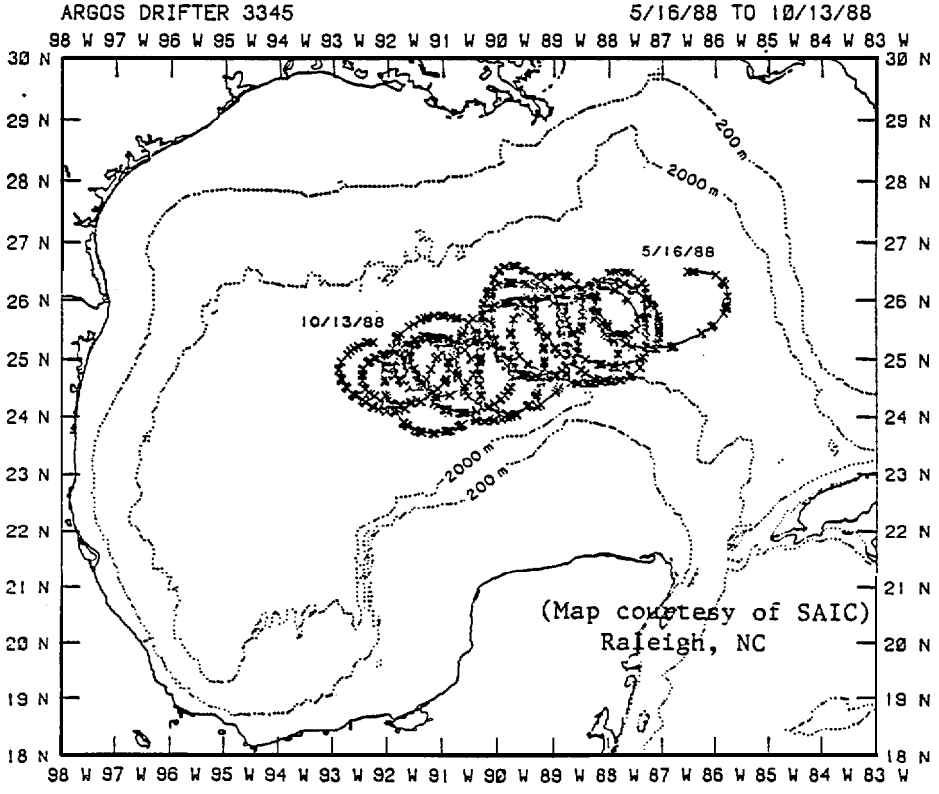
Station	Depth	Corrected CTD Salinity	CTD Temperature
12	730-735	34.890	5.97-6.01
14	690-695	34.889	6.23 - 6.25
	715-725	34.889	6.14-6.19
16	805-810	34.891	6.11-6.13
18	725-730	34.890	6.02-6.04
21	785-790	34.890	6.27-6.29
23	805-810	34.888	6.07-6.12
24	830-835	34.890	605-6.08
25	825-830	34.887	6.00 - 6.02
26	800-805	34.887	6.17 -6s19
27	800-805	34.889	6.09 - 6.12
28	780-790	34.889	6.26 - 6.30
33	870-880	34.890	6.10-6.19
35	805-815	34.886	6.19 - 6.29
37	795-800	34.889	6.15-6.17

TABLE 2: Comparison of XBT with CTD Temperature

Station	Probe S/N	Uncorrected XBT Temp (Z = 3 m)	CTD Temperature (Z = 3m)	Offset, XBT-CTD
12	595970	26.89	26.40	0.49
14	595973	27.47	26.83	0.64
16	595980	27.80	27.28	0.52
18	595976	27.19	27.70	0.49
21	595978	27.13	26.55	0.58
27	595916	27.04	26.60	0.44
28	595822	26.91	26.44	0.47
30	595823	27.31	26.81	0.50
31	595819	27.08	26.65	0.43
33	595824	26.98	26.54	0.44
35	595815	27.16	26.67	0.49
37	595817	27.23	26.74	0.49
41	595889	27.16	26.70	0.46
43	595891	27.06	26.54	0.52
46	595894	27.05	26.60	0.45
			MEAN =	0.49

Figure 2: Trajectories of ARGOS drifters in the western Gulf of Mexico.





CTD AND XBT DATA

The following pages present tables and plots of 5m-averaged data. As explained on page 4, raw data XBT temperatures were corrected by -0.49 so that they would agree with raw data CTD temperatures, and raw data CTD salinities were corrected by +0.030 so that vertical profiles would more closely agree with bottle salinities and with the historical data for salinity at the depth of the salinity minimum in the western Gulf of Mexico (Morrison et 8?., 1 983). Triangles on the vertical profiles of corrected salinity versus depth present bottle salinity determined using our Guildline AutoSal.

At the end of this section is a map of the depth of the 15°C isotherm that was generated from the corrected XBT data; it shows the general dimensions of the relict warm ring as well as the approximate position of the leading edge of a second, incoming warm ring in relation to our survey grid. Following this map is, a composite temperature-salinity plot of 5m averaged data from all CTD stations that were made on cruise 88G-05.

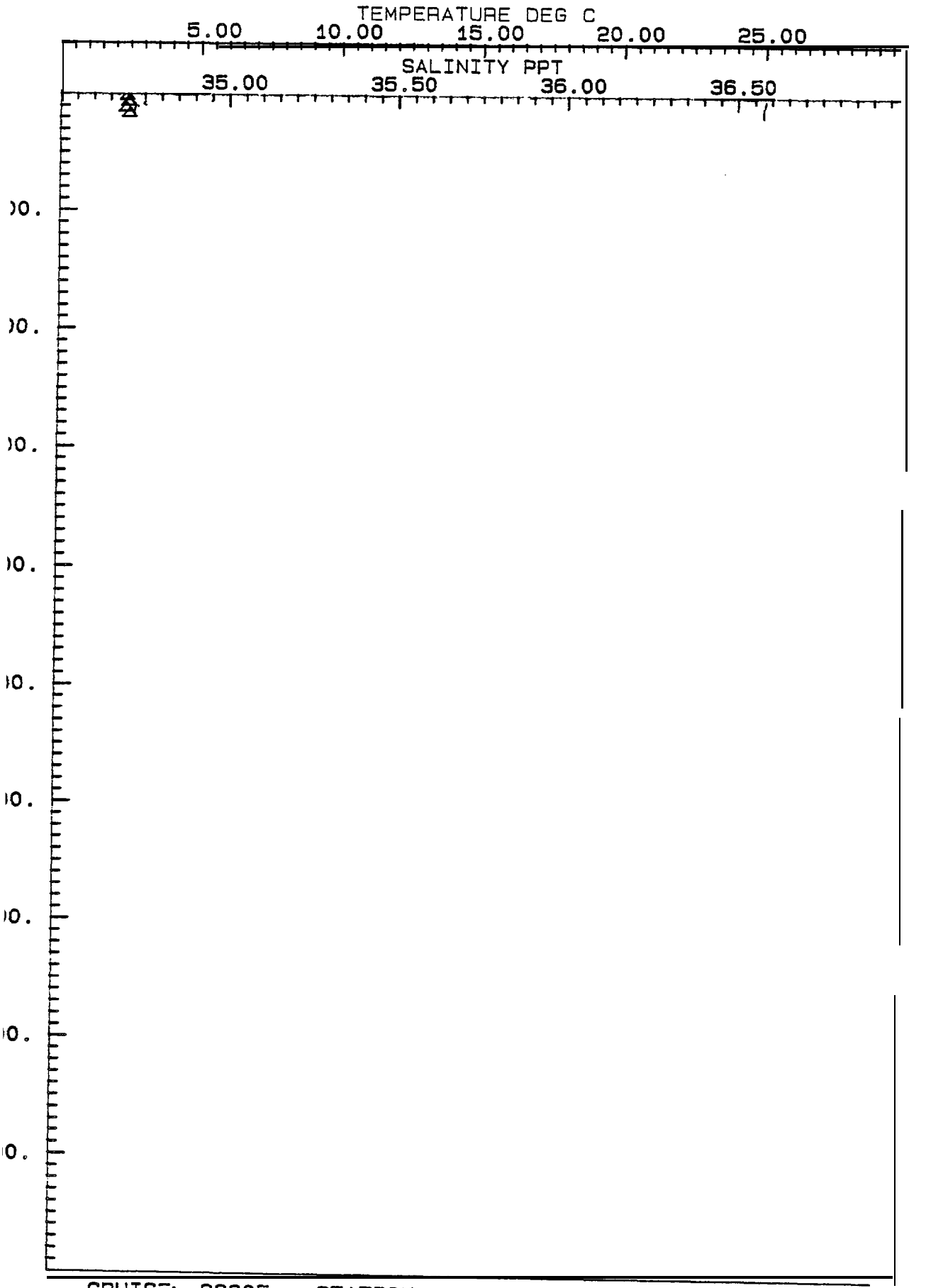
REFERENCE

Morrison JM, Merrell WJ, Key RM, Key TC (1983) Property distributions and deep chemical measurements within the western Gulf of Mexico. J. Geophys. Res. 88: 2601-2608.

see also Technical Report 8841-T of the Department of Oceanography, TAMU (Feb 1988): Observation of mesoscale eddies in the NW Gulf of Mexico in 1987 on R/V GYRE cruises 87G-03, 87G-04, 87G-10, 87G-11 & 87G-12.

STATION S88G05*0001*DD CRUISE 88G05 DATE 15 OCT GMT 8:41 PM LAT 28 53.7 LON 94 20.8 DEPTH OFFSET 0.0

DEPTH	TEMP	SALT	SIGMA-T	XSM	DEPTH	TEMP	SALT	SIGMA-T	XSM	DEPTH	TEMP	SALT	SIGMA-T	XSM
3.0	24.976	.030	-2.923	8.29										
4.0	24.972	32.047	21.121	8.27										
5.0	24.960	34.938	23.308	8.26										
6.0	24.958	34.740	23.160	8.26										
7.0	24.956	34.737	23.158	8.20										
8.0	24.939	34.735	23.161	7.93										
9.0	24.919	34.741	23.172	7.73										
10.0	24.915	34.719	23.156	7.78										
11.0	24.914	34.710	23.150	7.76										
12.0	24.913	34.708	23.149	7.78										
13.0	24.914	34.709	23.149	7.68										
14.0	24.912	34.709	23.150	7.69										
15.0	24.909	34.708	23.150	7.73										
16.0	24.910	34.708	23.150	7.66										
17.0	24.910	34.707	23.149	7.68										



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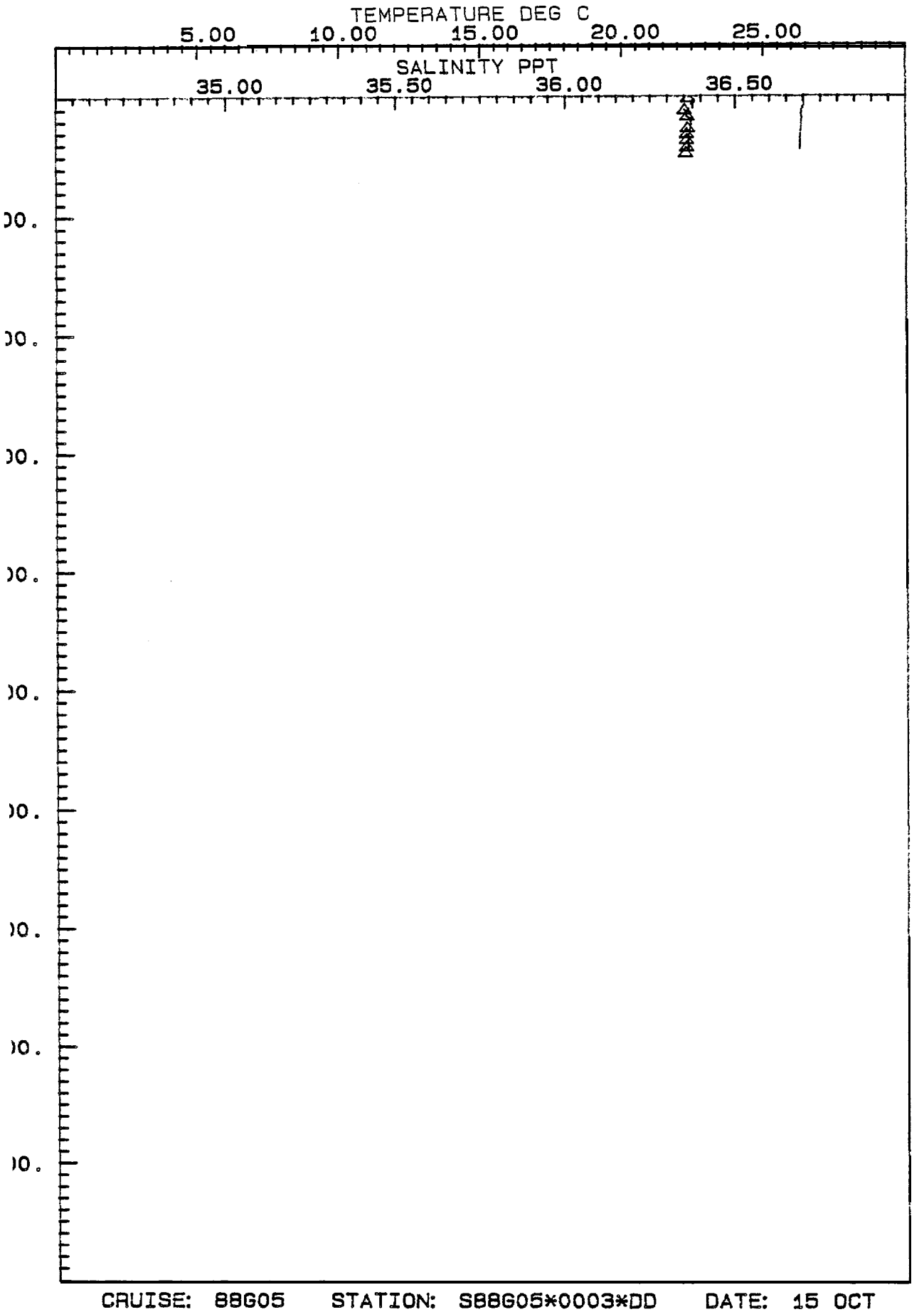
DEPTH	TEMP	SALT	SIGMA-T	XSM	DEPTH	TEMP	SQLT	SIGMA-T	X'sM	DEPTH	TEMP	SALT	SIGMA-T	XSM
2.0	26.447	36.019	23.664	3.20										
4.0	26.418	36.165	23.783	4.12										
6.0	26.408	36.107	23.743	4.13										
8.0	26.333	36,114	23.771	4.18										
10.0	26.230	36,096	23.791	4.21										
12.0	26.166	36.119	23.828	4.26										
14.0	26.128	36.113	23.835	4.28										

STATION S88G05*0003*DD CRUISE 88G05 DATE 15 OCT GMT 11:40 PM LAT 28 22.9 LON 93 56.2 DEPTH OFFSET 0.0

DEPTH	TEMP	SALT	SIGMA-T	XSM	DEPTH	TEMP	SALT	SIGMA-T	XSM	DEPTH	TEMP	SALT	SIGMA-T	XSM
2.0	26.416	36.368	23.937	8.41										
3.0	26.417	36.365	23.934	8.41										
4.0	26.416	36.366	23.935	8.40										
5.0	26.415	36.366	23.936	8.41										
6.0	26.420	36.361	23.930	8.41										
7.0	26.422	36.364	23.932	8.41										
8.0	26.423	36.365	23.932	8.41										
9.0	26.375	36.365	23.948	8.38										
10.0	26.387	36.353	23.935	8.39										
11.0	26.347	36.341	23.938	8.37										
12.0	26.335	36.346	23.945	8.36										
13.0	26.347	36.344	23.941	8.35										
14.0	26.335	36.348	23.947	8.36										
15.0	26.333	36.348	23.948	8.38										
16.0	26.334	36.347	23.947	8.38										
17.0	26.335	36.351	23.950	8.37										
18.0	26.354	36.358	23.949	8.38										
19.0	26.349	36.356	23.949	8.39										
20.0	26.342	36.359	23.954	8.41										
21.0	26.340	36.360	23.955	8.40										
23.0	26.330	36.360	23.958	8.38										
25.0	26.321	36.359	23.960	8.37										
26.0	26.313	36.358	23.962	8.37										
28.0	26.304	36.356	23.963	8.35										
29.0	26.297	36.354	23.964	8.33										
31.0	26.293	36.355	23.966	8.35										
32.0	26.293	36.353	23.964	8.36										
33.0	26.289	36.353	23.966	8.36										
34.0	26.288	36.352	23.965	8.38										
35.0	26.284	36.353	23.968	8.38										
36.0	26.284	36.352	23.967	8.38										
37.0	26.283	36.353	23.968	8.39										
38.0	26.283	36.353	23.967	8.38										
39.0	26.284	36.353	23.967	8.39										
40.0	26.283	36.353	23.967	8.39										
41.0	26.283	36.353	23.968	8.38										
42.0	26.284	36.353	23.967	8.38										
43.0	26.283	36.352	23.967	8.38										
44.0	26.281	36.353	23.968	8.36										



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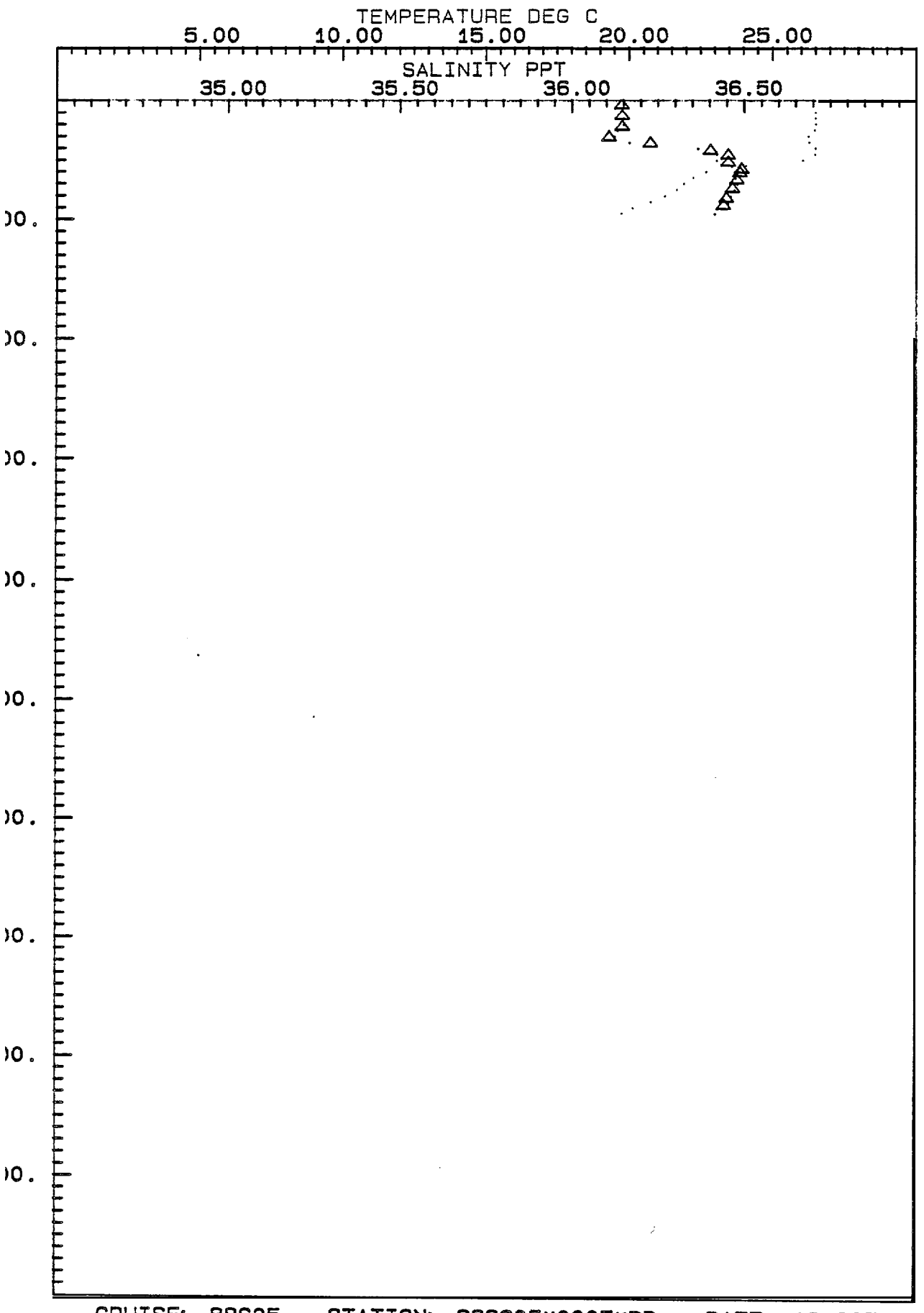
DEPTH	TEMP	SALT	SIGMA-T	XSM	DEPTH	TEMP	SALT	SIGMA-T	XSM	DEPTH	TEMP	SALT	SIGMA-T	XSM
5.0	26.224	36.344	23.979	4.45										
15.0	26.223	36.337	23.974	4.46										
25.0	26.222	36.361	23.993	4.46										
35.0	26.206	36.396	24.024	4.53										
45.0	26.206	36.405	24.031	4.53										
55.0	26.186	36.408	24.040	4.53										

STATION S88G05*0005*DD CRUISE 88G05 DATE 16 OCT GMT 5:45 PM LAT 27 57.9 LON 93 36.6 DEPTH OFFSET 0.0

DEPTH	TEMP	SALT	SIGMA-T	XSM	DEPTH	TEMP	SALT	SIGMA-T	XSM	DEPTH	TEMP	SALT	SIGMA-T	XSM
10.0	26.489	36.142	23.743	8.87										
15.0	26.491	36.140	23.741	8.87										
20.0	26.492	36.140	23.740	8.87										
25.0	26.456	36.122	23.738	8.86										
30.0	26.240	36.113	23.800	8.85										
35.0	26.271	36.157	23.823	8.85										
40.0	26.488	36.356	23.905	8.81										
45.0	26.478	36.411	23.950	8.80										
50.0	26.043	36.411	24.087	8.81										
55.0	24.060	36.454	24.727	8.81										
60.0	22.680	36.503	25.168	8.85										
65.0	22.232	36.465	25.267	8.89										
70.0	21.902	36.470	25.365	8.89										
75.0	21.649	36.462	25.429	8.89										
80.0	21.238	36.451	25.535	8.89										
85.0	20.738	36.443	25.666	8.89										
90.0	20.110	36.434	25.828	8.84										
95.0	19.717	36.405	25.910	7.54										



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DEPTH	TENP	SALT	SIGMA-T	XSM	DEPTH	TEMP	SALT	SIGMA-T	XSM	DEPTH	TEMP	SALT	SIGMA-T	XSM
5.0	26.340	35.833	23.557	4.46										
15.0	26.340	35.868	23.584	4.54										
25.0	26.349	35.895	23.601	4.54										
35.0	26.385	35.914	23.604	4.54										
45,0	26 .4?4	36.350	23.905	4.53										
55.0	25.236	36.536	24.432	4.52										
6S.0	23.180	36.645	25.131	4.53										
75.0	21.866	36.581	25 .459	4.55										
85.0	20.924	36.539	25.688	4.53										
95.0	19.659	36.530	26.021	4.40										
105.0	19.014	36.462	26.137	4.42										

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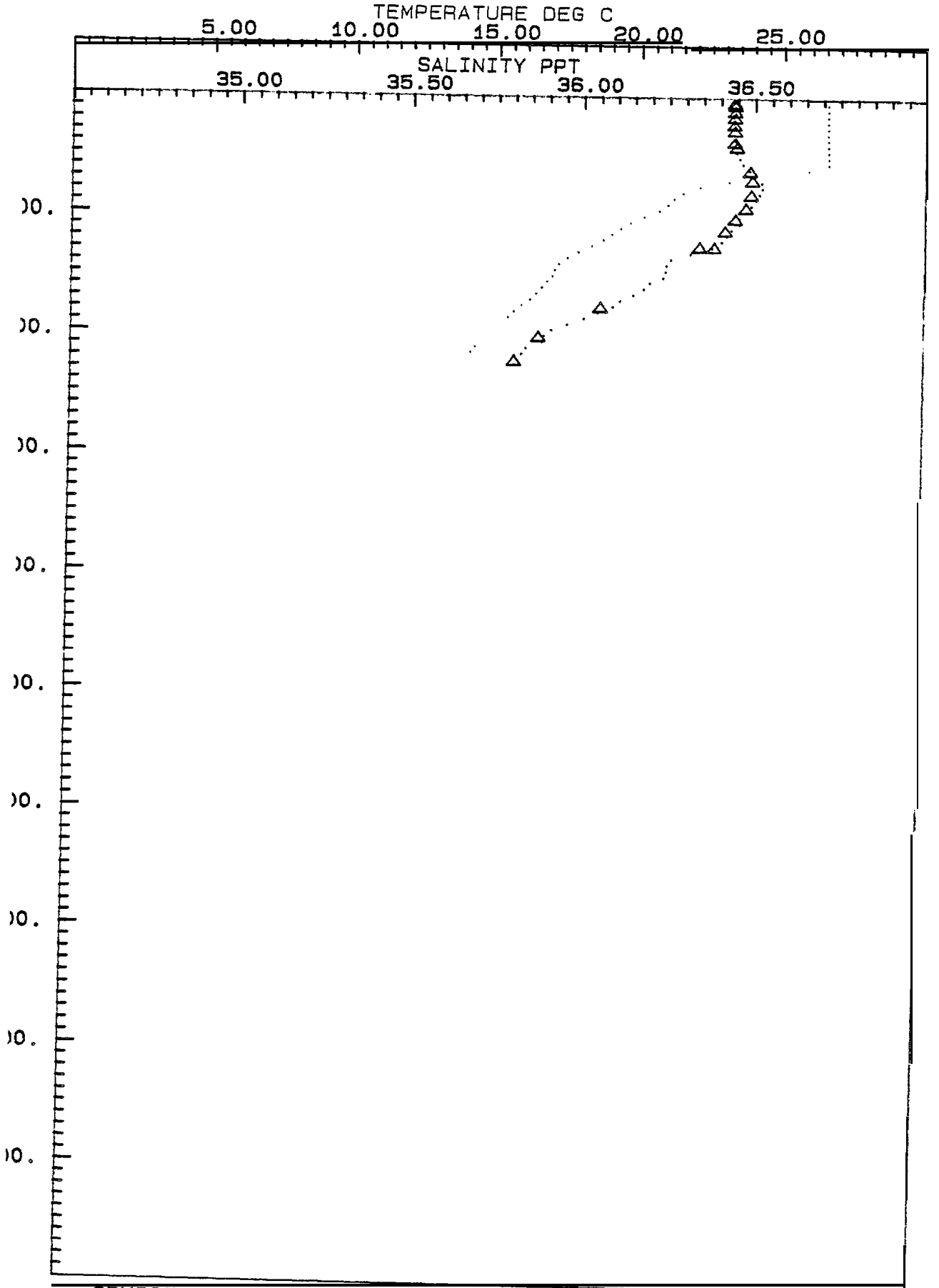
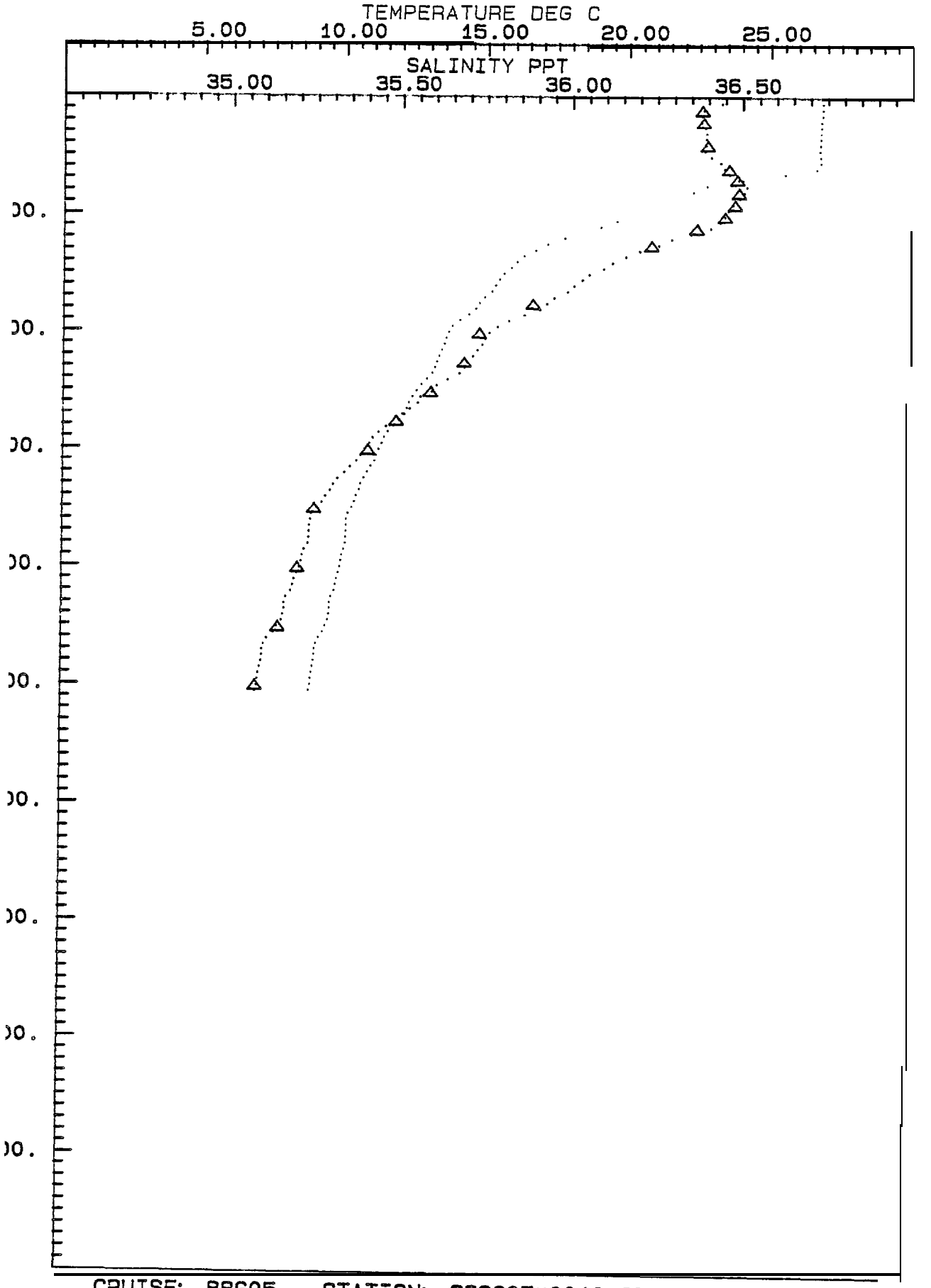
5.0	26,543	36.444	23.954	8.87										
10.0	26.54'3	36.422	23.935	8.89										
15.0	26.556	36.425	23.935	8.89										
20.0	26.557	36.426	23.936	8.89										
25.0	26.558	36.427	23.936	8.89										
30.0	26.557	36.428	2"3.9"37	8.89										
35.0	26.564	36.431	23.938	8.89										
40.0	26.566	36.434	23.939	8.89										
45.0	26.569	36.436	23.939	8.89										
50.0	26.582	36.445	23.942	8,:39										
55.0	26.578	36.454	23.951	8.89										
60.0	25.899	36.474	24.180	8.87										
65.0	23.826	36.491	24.024	8.8?										
70.0	23,09"3	36.510	25.054	8.88										
75.0	22.074	36.512	25.348	8.34										
80.0	21.491	36.505	25,509	8.83										
85.0	21.174	36.494	25.5.S5	8.83										
90.0	20.962	36.480	25.63"3	8.86										
35.0	20.664	36.470	25.707	8,90										
100.0	20.124	36.444	25. 8"32	8.89										
105.0	19.664	36.447	25,956	8.90										
110.0	19,31'3	36,423	26, 028	8.91										
115.0	19.002	36.409	26.099	8.91										
120.0	18.706	36.395	26.164	8.91										
125.0	18.305	36.368	'26.245	8.91										
130.0	17.839	36,304	26.31'3	8.90										
135.0	17.460	36.247	26.362	8.92										
140.0	17.160	36.233	26.424	8.93										
145.0	17.009	36.231	26 459	8.93										
150.0	16.946	'35.275	26.4159	8.93										
155.0	16.759	36.186	'26.483	8.93										
160.0	16.568	36.169	26.516	8.92										
165.0	16.369	36.137	26.538	8.92										
170.0	16.155	36.100	26.559	8.88										
175.0	15.877	36.079	26.60:7	8.86										
180.0	15.604	36.034	26.635	8.134										
185.0	15.401	35.994	26.650	8.85										
190.0	14.929	"35 .946	26.718	8.87										
195.0	14,656	35.901	26.743	8.8'3										
200.0	14.502	35.878	26.759	8.89										
205.0	14.471	35.873	26.762	8.88										
210.0	14.225	35.825	26.77:3	8.88										
215.0	14.061	35.813	26.803	8.83										



CRUISE: 88G05 STATION: S88G05*0007*DD DATE: 17 OCT
GMT: 12: 20 PM LATITUDE: 27 45.5 LONGITUDE: 93 28.1

STATION S88G05*0010*DD CRUISE 88G05 DATE 1? OCT GMT 3: 12 AM LHT 27 38.7 LON 9357.2 DEPTH OFFSET 0.0

DEPTH	TEMP	SALT	SIGMA-T	XSM
5.0	26.813	36.428	23.855	8.85
10.0	'26.812	36.374	23.815	8.87
15.0	26.802	36.368	23.815	8.88
20.0	26.780	36.367	23.821	8.87
25.0	26.780	36.379	23.830	8.813
30.0	26.770	36.383	23.8'36	8.88
35.0	26,756	36.384	23.840	8.88
40.0	26.745	36.383	23.844	8,88
45.0	26.729	36.3S0	23.846	8.87
50.0	26.747	36<398	23.855	8.88
55.0	213,764	36.426	23.870	8.88
60.0	26.613	36.4"38	23.927	8.86
65.0	25.512	36,454	24.285	8.82
70.0	23 .873	36.493	24.812	8.7a
75.0	22.772	36.505	25, 143	8.79
%0.0	22 .2S3	36.497	25.278	8.82
85.0	21.839	36.483	25.392	8.84
90.0	21.285	36.463	25,531	8,:37
95.0	20,756	36.450	25.666	8,85
100.0	20.146	36.439	25.1323	8.85
105.0	19.562	36.426	25.967	8.88
110.0	19 023	36.39'3	26. 086	8.88
115.0	18.440	36.342	26.191	8.86
120.0	17.726	36.283	26,324	8.:36
125.0	17.130	36.244	26,439	8.38
130.0	16.708	36.188	26.49?	8.91
135.0	16.293	36.148	26.564	8.92
140.0	16.045	36. 108	26.591	8.92
145.0	15.839	36.082	26.618	8.92
150.0	15.582	36.03'3	26.644	8.92
155.0	15.421	36.020	26.665	8.92
160.0	15.2'32	35 .996	26.6-6	8.92
"165.0	15.165	35.977	26,690	8.92
170.0	14.911	35.9"37	26,715	8.93
175.0	14.728	35.916	26.739	8.93
1:30.0	14.601	35.895	26.751	8.93
185.0	14.359	35.849	26,767	8.93
190.0	14.029	35.803	26.803	8.93
1'35, 0	13.765	35 .?70	26.833	8.94
200.0	13.637	35.747	26.841	8.94
205.0	13.557	35.735	26.849	8.94
210.0	13.497	.35.726	26,855	8.94
215.0	13,410	35,712	26.862	8.94
220.0	13.322	3S.698	26.869	8.94
225.0	13.237	35.681	26.873	8,93
2"30.0	13.160	35.673	26.883	8.93
235.0	13.071	35,659	26.890	8.93
240.0	12.879	35.623	26.901	8.92
245.0	12.689	35.592	26.915	8.93
2s0.0	12.527	35.579	26.937	8.93
255.0	12.382	35.546	26.940	8.94
260.0	12.264	35.5"38	26,957	8,94
265.0	12.184	35.51s	26.954	8.94
270.0	12.01s	35. 498	26,973	8.93
275.0	11.932	35.482	26.978	8.93
280.0	11.710	35.444	26.990	8.94
285.0	11.510	35.422	27.011	8.94
290.0	11.379	35,405	27.022	8.94
295.0	11.306	35.395	27.028	8.94
300.0	11.205	35.3I32	27.03S	8.94
305.0	11.114	35.370	27.044	8,94
310.0	11.063	35.358	27.1343	8.94
315.0	10.919	35.339	27.055	8.94
320.0	10.790	35.323	27.066	8.93
325.0	10.676	35.302	27 .070	8.93
330.0	10.552	35.289	27.082	8.92
335,0	10.511	35.281	27.082	8,92
340.0	10.3'39	35.267	27.091	8.92
345,0	10.35U	35.258	27.093	8.91
350.0	10.266	35.243	27.096	8.92
355.0	10.131	35.226	27.106	8.92
"360.0	10.070	35.223	27.115	8.91
36S.0	10.063	35.220	27.114	8.91
370.0	10.055	35.219	27.115	8.92
375, 0	10.048	35.218	27.114	8,92
380.0	10.036	35.216	27.115	8.92
385.0	9.978	35.205	27.116	8.92
390.0	9.928	35.2011	27.121	8.92
395.0	9.889	35.197	27.126	8,92
400.0	9.85?	35.193	27.127	8.'32
405.0	9.807	35.185	27.130	8.93
410.0	9.743	35.177	27.135	8.93
415.0	9.699	35.173	27.138	8.93
420.0	9.665	35.16?	27.140	8.93
425.0	9.543	35.153	27.149	8.93
430.0	9.491	:35.147	27.153	8.94
435.0	9.500	35.148	27.153	8.94
440.0	9.483	35.145	27.153	8.94
445, 0	9.446	35.141	27.156	8.94
450.0	9.354	35.127	27.160	8.94
455.0	9.261	35,118	27.168	8.94
460.0	9.126	35.098	27.175	8.95
465.0	9, 022	35.088	27, 184	8,94
470.0	8,974	35.084	27.189	8.94
475, 0	8.960	35.084	27.191	8,94
480.0	8.951	35.083	27.191	8.94
485.0	8.917	35.07'3	27.193	8.93
4'31],0	8.884	35.074	27.196	8.93
495.0	8.851	35.072	2:7.199	8.93
500.0	8.833	35.0?0	27.200	8.93
505.0	8.788	35.065	27,203	8.94
510.0	8.765	35.063	27.206	8.94
515.0	8,757	35.063	27.206	8,94
520,0	8,730	35.060	27.208	8.94
525, 0	8.711	35.057	27.209	8.94
.530,0	8.679	35.054	27.212	8.94
535.0	8 .652	35.051	27.214	8,94
540.0	8 ,647	35.051	27.214	8.94
545.0	8.638	35.050	27.215	8.94
550,0	8.619	35. 048	27.217	8.94
555.0	8.580	35.044	27.219	8.94
560.0	8.569	35.042	27.220	8.94



CRUISE: 88G05 STATION: S88G05*0010*DD DATE: 17 OCT
GMT: 3: 12 AM LATITUDE: 27 38.7 LONGITUDE: 93 57.2

5 METER AVERAGED EXPENDABLE BATHYTHERMOGRAPH

PROBE T-7 CRUISE 88G5 STATION X88G05* 11*1 DATE 17OCT88 GMT 1025 LAT 27 17.9 LON 93 58.5 OPERATOR

z	T	z	T	z	T	z	T	z	T	Z	T	Z	T	z	T
2.6	26.59	202.4	14,42	402.5	9.14	602.4	6.64	802.2	5.54						
7.5	26.69	207.3	14.22	407.5	9.00	607.5	6.63	807.5	5.51						
12.6	26.67	212.3	14.08	412.3	8.83	612.3	6.59	812.7	5.47						
17.5	26.69	217.6	13.95	417.3	8.77	617.5	6.57	817.6	5,42						
2?.4	26.74	222.5	13.79	422.4	8.62	622.6	6.55	822.5	5.41						
27.5	26.76	227.5	13.59	42?.5	8.54	627.5	6.54								
32.4	26.76	232.5	13.40	432.5	8.41	632.3	6.53								
37.3	26.76	237.5	13.30	43?.6	8.38	637.4	6.49								
42.5	26.74	242.4	13.04	442.6	8.35	642.6	6.4'3								
47.4	26.89	247.4	12.78	447. 4	8.23	647.4	6.41								
52.3	26.95	252.4	12.69	452.5	8.10	652.3	6.39								
57.5	26.06	257.4	12.61	457.5	7.95	657.4	6.36								
62.?	24.61	262.3	12.42	462.3	7.87	662.6	6.35								
67.5	23.15	267.3	12.26	467.4	7.81	667.4	6.29								
72.4	22.56	272.3	12.12	472.4	7.73	672.3	6.28								
7,7,7	22.09	277. 3	11.91	477.5	7.65	677.5	6.24								
82.5	21.59	282.3	11.67	482.6	7.58	682.6	6.22								
87.4	21.09	287.3	11.52	487.4	7.55	687.5	6.20								
92.3	20.70	292.6	11.41	492.5	7.50	692.3	6.18								
97.3	20.19	297.6	11.23	497.5	7.48	697.5	6.13								
102.5	19.68	302.6	11.18	502.3	7.44	702.7	6. 09								
107.4	19.22	307.6	11.15	507.4	7.40	707.5	6.00								
112.3	19.02	312.3	11.10	512.5	7.35	712.4	5.97								
117.5	18.85	317.3	11.00	517.3	7.29	717.2	5.94								
122.4	18.50	322.3	10.89	522.4	7.2'2	722.5	5.88								
127.4	18.04	327.3	10.77	527.5	7.15	727.7	5.85								
132.6	17.56	332.3	10..50	532.3	7.11	732.5	5.84								
137.5	17.31	337.4	10.51	537.4	7.06	737.4	5.83								
142.4	16.93	342.4	10.45	542.5	7.03	742.2	5.82								
147.4	16.43	347.4	10.39	547.3	7.02	747.5	5.s0								
152.3	16.22	352.4	10.33	552.4	6.98	752.7	5.?6								
157.6	16.11	357.5	10.29	557.5	6.97	757.5	5.73								
162.5	15.94	362,5	10.26	562.3	6.95	762.4	5.70								
167.4	15.69	367.5	10.22	567.4	6.90	76?.3	5.68								
172.4	15.51	372.6	10.06	572.6	6.83	772.2	5.67								
177.3	15.30	377.6	9.82	57?.4	6.79	777.4	5.66								
182.6	15.04	382.6	9.60	582.5	6.76	782.6	5.64								
18:7.5	14.93	307.3	9.48	587.6	6.73	787.5	5.63								
192.5	14.85	392.4	9.37	592.4	6.69	792.4	5.60								
197.4	14.62	397.4	9.26	597.2	6.65	797.3	5.55								

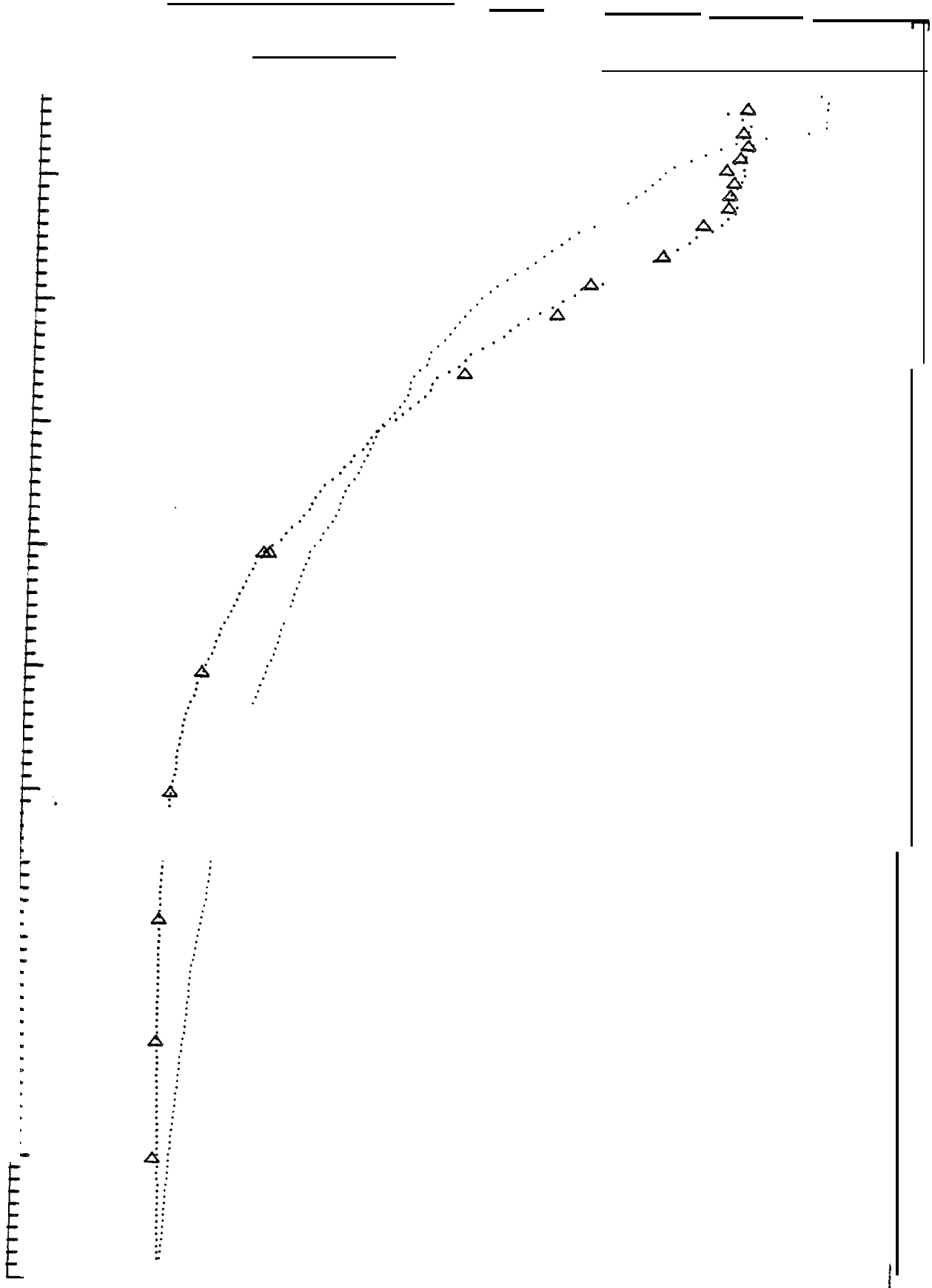
STATION S88G05*0012*DD CRUISE 88G05 DATE 17 OCT GMT 12:40 PM LAT 26 58.3 LON 93 57.2 DEPTH OFFSET 0.0

DEPTH	TEMP	SALT	SIGMA-T	XSM	DEPTH	TEMP	SALT	SIGMA-T	XSM	DEPTH	TEMP	SALT	SIGMA-T	XSM
5.0	26.396	36.047	23.701	8.82	255.0	12.893	35.629	26.902	8.95	505.0	8.074	34.986	27.252	8.95
10.0	26.400	36.049	23.701	8.81	260.0	12.780	35.617	26.916	8.94	510.0	7.985	34.977	27.258	8.95
15.0	26.403	36.050	23.701	8.81	265.0	12.768	35.613	26.915	8.94	515.0	7.922	34.974	27.266	8.95
20.0	26.438	36.076	23.710	8.81	270.0	12.710	35.597	26.914	8.93	520.0	7.838	34.969	27.274	8.95
25.0	26.682	36.284	23.789	8.82	275.0	12.590	35.579	26.925	8.93	525.0	7.772	34.960	27.277	8.96
30.0	26.673	36.377	23.863	8.84	280.0	12.456	35.557	26.933	8.94	530.0	7.699	34.953	27.282	8.96
35.0	26.691	36.433	23.898	8.79	285.0	12.274	35.536	26.953	8.94	535.0	7.649	34.947	27.285	8.96
40.0	26.665	36.472	23.937	8.80	290.0	12.109	35.517	26.970	8.94	540.0	7.579	34.943	27.292	8.97
45.0	26.635	36.498	23.965	8.84	295.0	11.888	35.484	26.987	8.94	545.0	7.551	34.940	27.293	8.96
50.0	26.035	36.492	24.150	8.86	300.0	11.757	35.464	26.997	8.95	550.0	7.500	34.938	27.299	8.97
55.0	24.590	36.476	24.584	8.81	305.0	11.667	35.449	27.002	8.94	555.0	7.442	34.933	27.304	8.97
60.0	23.608	36.505	24.899	8.85	310.0	11.585	35.439	27.010	8.95	560.0	7.404	34.932	27.308	8.97
65.0	23.091	36.505	25.051	8.67	315.0	11.488	35.427	27.019	8.95	565.0	7.349	34.926	27.312	8.97
70.0	22.580	36.484	25.183	8.68	320.0	11.393	35.401	27.017	8.94	570.0	7.259	34.924	27.323	8.97
75.0	22.109	36.454	25.294	8.87	325.0	11.300	35.394	27.027	8.94	575.0	7.245	34.925	27.325	8.96
80.0	21.535	36.482	25.476	8.89	330.0	11.200	35.375	27.032	8.94	580.0	7.217	34.924	27.329	8.96
85.0	21.236	36.483	25.561	8.90	335.0	11.114	35.363	27.038	8.94	585.0	7.170	34.920	27.333	8.96
90.0	21.062	36.476	25.603	8.91	340.0	10.979	35.344	27.048	8.94	590.0	7.093	34.916	27.340	8.97
95.0	20.808	36.464	25.662	8.90	345.0	10.792	35.322	27.064	8.94	595.0	7.006	34.913	27.350	8.97
100.0	20.572	36.448	25.715	8.90	350.0	10.675	35.309	27.075	8.94	600.0	6.969	34.910	27.353	8.97
105.0	20.259	36.439	25.792	8.90	355.0	10.612	35.297	27.077	8.94	605.0	6.933	34.908	27.356	8.97
110.0	20.002	36.464	25.880	8.88	360.0	10.534	35.288	27.084	8.94	610.0	6.892	34.908	27.361	8.97
115.0	19.859	36.460	25.915	8.86	365.0	10.476	35.280	27.088	8.94	615.0	6.856	34.906	27.365	8.97
120.0	19.535	36.440	25.984	8.85	370.0	10.392	35.265	27.091	8.94	620.0	6.810	34.903	27.369	8.97
125.0	19.346	36.423	26.021	8.91	375.0	10.282	35.254	27.102	8.94	625.0	6.766	34.903	27.375	8.97
130.0	18.851	36.396	26.128	8.85	380.0	10.124	35.232	27.113	8.93	630.0	6.729	34.902	27.379	8.97
135.0	18.327	36.353	26.228	8.78	385.0	9.974	35.215	27.125	8.92	635.0	6.703	34.901	27.382	8.97
140.0	18.035	36.334	26.286	8.75	390.0	9.891	35.203	27.130	8.93	640.0	6.674	34.901	27.385	8.97
145.0	17.771	36.300	26.326	8.85	395.0	9.694	35.178	27.144	8.94	645.0	6.623	34.898	27.391	8.97
150.0	17.440	36.269	26.383	8.87	400.0	9.538	35.155	27.152	8.94	650.0	6.570	34.896	27.396	8.97
155.0	17.194	36.236	26.417	8.88	405.0	9.516	35.149	27.151	8.94	655.0	6.486	34.896	27.407	8.97
160.0	16.897	36.211	26.470	8.90	410.0	9.413	35.132	27.154	8.94	660.0	6.465	34.894	27.409	8.97
165.0	16.637	36.176	26.505	8.89	415.0	9.335	35.125	27.162	8.94	665.0	6.454	34.894	27.410	8.97
170.0	16.221	36.142	26.576	8.94	420.0	9.274	35.116	27.165	8.94	670.0	6.428	34.893	27.412	8.97
175.0	15.958	36.089	26.596	8.94	425.0	9.205	35.108	27.170	8.94	675.0	6.386	34.892	27.417	8.97
180.0	15.628	36.029	26.626	8.94	430.0	9.117	35.099	27.177	8.94	680.0	6.369	34.891	27.419	8.97
185.0	15.402	36.013	26.664	8.94	435.0	9.051	35.090	27.181	8.94	685.0	6.357	34.891	27.420	8.97
190.0	15.112	35.979	26.703	8.94	440.0	8.999	35.084	27.184	8.94	690.0	6.286	34.892	27.430	8.97
195.0	14.956	35.950	26.715	8.94	445.0	8.936	35.075	27.188	8.94	695.0	6.255	34.891	27.434	8.97
200.0	14.742	35.915	26.736	8.94	450.0	8.853	35.067	27.195	8.94	700.0	6.214	34.891	27.439	8.97
205.0	14.558	35.883	26.751	8.94	455.0	8.770	35.059	27.201	8.94	705.0	6.180	34.892	27.444	8.98
210.0	14.383	35.854	26.766	8.94	460.0	8.691	35.048	27.206	8.95	710.0	6.143	34.890	27.448	8.98
215.0	14.236	35.833	26.782	8.94	465.0	8.617	35.039	27.210	8.95	715.0	6.100	34.892	27.455	8.97
220.0	14.075	35.816	26.803	8.94	470.0	8.572	35.035	27.214	8.94	720.0	6.071	34.891	27.457	8.98
225.0	13.900	35.786	26.817	8.94	475.0	8.514	35.026	27.216	8.94	725.0	6.051	34.891	27.460	8.98
230.0	13.673	35.757	26.842	8.94	480.0	8.448	35.023	27.224	8.95	730.0	6.018	34.890	27.464	8.98
235.0	13.448	35.723	26.862	8.94	485.0	8.391	35.016	27.227	8.95	735.0	5.974	34.890	27.469	8.98
240.0	13.384	35.708	26.864	8.94	490.0	8.312	35.007	27.232	8.95	740.0	5.929	34.892	27.476	8.98
245.0	13.319	35.691	26.864	8.94	495.0	8.197	34.999	27.244	8.95	745.0	5.902	34.892	27.479	8.98
250.0	13.089	35.663	26.889	8.95	500.0	8.150	34.993	27.246	8.95	750.0	5.885	34.892	27.482	8.99

STATION S88G05*0012*DD CRUISE 88G05 DATE 17 OCT GMT 12:40 PM LAT 26 58.3 LON 93 57.2 DEPTH OFFSET 0.0

DEPTH	TEMP	SALT	SIGMA-T	XSM
755.0	5.869	34.892	27.484	8.98
760 0	5.862	34.892	27.485	8.98
765 0	5.854	34.892	27.486	8.98
770.0	5.033	34.992	27.489	8.9:3
775.0	5.915	34.892	27.491	8.98
780.0	5.809	34.893	27.492	8.98
785.0	5,788	34.893	27.495	8.98
790.0	5,775	34.993	27.437	8.98
795.0	5.750	34.894	27.501	8.98
800.0	5.718	34.894	27.505	8,9:3
805.0	5.682	34.896	27.511	8.98
810.0	5.672	34.894	27.511	8.98
815.0	5.630	34.897	27.518	8.98
820.0	5.617	34.897	27.520	8.98
025 O	5.612	34. 896	27.520	8.98
830.0	5.537	34. s'37	27s522	8.98
835 o	5<586	34.897	27.524	8,98
840.0	5.558	34.898	27.52a	8.98
845.0	5,525	34.899	2?.533	8.98
850.0	5.521	34.899	27.533	8.98
855.0	5,503	34.900	27.536	8.98
860.0	5.483	34.900	27'.539	8.98
865.0	5,470	34.900	27.541	8.98
870.0	5.445	34.902	27.545	8.99
875.0	5.421	34.902	27.548	8.98
880.0	5.400	34.903	2?.552	8.99
885.0	5.388	34.904	27.553	8.99
890.0	5.380	34,91)3	27.554	8.99
895.0	5.352	34.905	27.559	8.99
900.0	5.342	34.905	27.560	8.99
905 1]	5.334	34.905	27.561	8.99
910.0	5.335	34.905	27.561	8.99
915.0	5.328	34.906	27.562	8.99
920.0	5.290	34.908	27.569	8.99
925.0	5.274	34.908	27.571	8.98
930.0	5.269	34.909	27.571	8.98
935.0	5.254	34.909	27.573	8.98
940.0	5.252	34.909	27.574	8.98
945.0	5.247	34.909	27.574	8.98
950.0	5.242	34.903	27.575	8.98
955.0	5.237	34.910	27.576	8.98
960.0	5.224	34.910	27.578	8,98
965.0	5.204	34.912	27.582	8.98
970,1]	5. 189	34.912	27.583	8.98
9".25.0	5.175	34.913	27.586	8.98
980.0	5.151	34.913	27.589	8.99
985.0	5.127	34.915	27.593	8.99
990.0	5.118	34.914	"27,594	8.99
995.0	5.102	34.915	27,596	8.99
1000.0	5.093	34.9113	27.598	8.99
1005.0	5, 079	34.916	27.599	8.99
1010.0	5.063	34.917	27.602	8.99
1015.0	5. 049	34.917	27.604	8.99
1020.0	5.032	34.919	27.607	8.99
1025.0	5.028	34.918	27.607	8.99
1030.0	5.019	34.919	27.609	8.99
1035.0	5.003	34.920	27.612	8.99
1040.0	4.997	34.920	27.612	8.99
1045.0	4.979	34.921	27.615	8.99
1050.0	4.973	34.921	27.616	8.99
1055.0	4.971	34.921	27.616	8.99
1060.0	4.969	34.921	2?.616	8.99
1065.0	4.968	34.921	27.616	8.99
1070.0	4.959	34.922	27.618	8.99

DEPTH	TEMP	SALT	SIGMA-T	XSM



CRUISE: 88G05 STATION: S88G05*0012*DD DATE: 17 OCT
GMT: 12: 40 PM LATITUDE: 26 58.3 LONGITUDE: 93 57.2

5 METER AVERAGED EXPENDABLE BATHYTHERMOGRAPH

PROBE T-7 CRUISE 88G05 STATION X88G05*12*1 DATE 17OCT88 GMT 1220 LAT 27 0.0 LUN 94 0.0 OPERATOR

z	T	z	T	Z	T	z	T	z	T	z	T	z	T	z	T
2.6	26.32	202.4	14.24	402.5	9.31	602.4	6.75	802.2	5.36						
7.5	26.40	207.3	14.00	407.5	9.23	607.5	6.68	807.5	5.31						
12.6	26.41	212.3	13.88	412.3	9.12	612.3	6.59	812.7	5.29						
17.5	26.41	217.6	13.78	417.3	8.97	617.5	6.54	817.6	5.28						
22.4	26.49	222,5	13.54	422.4	8.93	622.6	6.49	822.5	5.27						
27.5	26.70	227.5	13.30	427.5	8.89	627.5	6.47								
32.4	26.66	232.5	13.04	432.5	8.81	632.3	6.45								
37.3	26.66	237.5	12.97	437.6	8.74	637.4	6.43								
42.5	26.61	242.4	12.82	442.6	8.66	642.6	6.39								
47.4	26.35	247.4	12.70	447.4	8.56	647.4	6.34								
52.3	25.16	252.4	12.54	452.5	8.48	652.3	6.31								
57.5	23.86	257.4	12.37	457.5	8.41	657.4	6.27								
62.7	23.21	262.3	12.27	4.52.3	8.37	662.6	6.22								
67.5	22.73	267.3	12.23	467.4	8.33	667.4	6.19								
72.4	22.20	272.3	12.19	472.4	8.22	672.3	6.17								
77.7	21.70	277.3	12.13	477.5	8.17	677.5	6.10								
82.5	21.13	282.3	11.97	492.6	8.06	682.6	6.06								
87.4	20.87	287.3	11.75	487.4	8.00	687.5	6.00								
92.3	20.57	292.6	11.60	492.5	7.94	692.3	5.96								
9,7.3	20.31	297.6	11.42	497.5	7.86	697.5	5.92								
102.5	19.96	302.6	11.28	51]2.3	7.80	702.7	5.88								
107.4	19.78	307,6	11.19	507,4	7.75	707.5	5.85								
112.3	19.62	312.3	11.08	512.5	7.69	712.4	5.82								
117.5	19.35	317.3	10.99	517.3	7.65	717.2	5.77								
122.4	19.15	322.3	10.96	522.4	7.58	722.5	5.72								
127.4	18.91	327.3	10.88	527.5	7.49	727.7	5.70								
132.6	18.28	332.3	10.79	532.3	7.45	732.5	5.60								
137.5	17.89	337.4	10.69	537.4	7.3a	737.4	5.66								
142.4	17.58	342.4	10.52	542.5	7.28	742.2	5.63								
147.4	17.26	347.4	10.34	547.3	7.21	747.5	5.60								
152.3	16.94	352.4	10.29	552.4	7.19	752.7	5.59								
157.6	16.66	357.5	10.20	557.5	7.17	757.5	5.58								
162.5	16.32	362.5	10.04	562.3	7.11	762.4	5.55								
167.4	16.00	367.5	9.90	567.4	7.07	767.3	5.53								
172.4	15.81	372.6	9.s1	572.6	6.98	772.2	5.49								
177.3	15.54	377.6	9.72	577.4	6.92	777.4	5.46								
182.6	15.09	382.6	9.68	582.5	6.86	782.6	'5.43								
187.5	14.78	387.3	9.66	587.6	6.80	787.5	5.41								
192.5	14.70	392.4	9.51	592.4	6.79	792.4	5.39								
197.4	14.57	397.4	9.40	597.2	6.78	797.3	5.37								

5 METER AVERAGED EXPENDABLE BATHYTHERMOGRAPH

PROBE T-7 CRUISE 88G05 STATION X88G05*13*1 DATE 17OCT88 GMT 1858 LAT 26 59.9 LON 93 59.9 OPERATOR

z	T	z	T	z	T	z	T	Z	T	z	T	z	T	z	T
2.6	27.11	202.4	15.35	402.5	9.77	602.4	7.23	802.2	5.64						
7.5	27.04	207.3	15.08	407.5	9.68	607.5	7.19	807.5	5.62						
12.6	26.98	212.3	14.83	412.3	9.60	612.3	7.15	812.7	5.62						
17.5	26.94	217.6	14.65	417.3	9.52	617.5	7.10	817.6	5.60						
22.4	26.86	222.'3	14.50	422.4	9.48	622.6	7.04	822.5	5.58						
27.5	26.83	227.5	14.36	427.5	9.37	627.5	7.00								
32.4	26.81	232.%	14.20	432.5	9.20	632.3	6.94								
37.3	26-78	237.5	14.03	437.6	9.11	637.4	6.88								
42.5	26.79	242.4	13.83	442.6	9.08	642.6	6.81								
47.4	26.81	247.4	13.71	447.4	9.04	647.4	6.76								
'52.3	26.80	252.4	13.53	452.5	9.00	652.3	6.72								
57.5	26.69	257.4	13.34	457.5	8.96	657.4	6.64								
62.7	25.84	262.3	13.16	462.3	8.89	662.6	6.58								
67.5	24.40	267.3	12.94	467.4	8.78	667.4	6.56								
72.4	23.85	272.3	12.82	472.4	8.70	672.3	6.47								
77.7	23.14	277.3	12.70	477.5	8.64	677.5	6.41								
82.5	22.48	282.3	12.61	482.6	8.58	682.6	6.41								
87.4	22.01	287.3	12.48	487.4	8,53	687.5	6.38								
92.3	21.6'5	292.6	12.31	492.5	8.48	692.3	6.34								
97.3	21.12	297.6	12.19	497.5	8.42	697.5	6.32								
102.5	20.66	302.6	12.01	502.3	8.37	702.7	6.31								
107.4	20.31	307.6	11.84	507.4	8.33	707.5	6.26								
112.3	20.07	312.3	11.71	512.5	8.25	712.4	6.21								
117.5	19.85	317.3	11.65	517.3	8.17	717.2	6.16								
122.4	19.58	322.3	11.58	522.4	8.14	722.5	6.13								
127.4	19.26	327.3	11.41	527.5	8.12	727.7	6.0:3								
132.6	18.97	332.3	11.29	532.3	8.06	732.5	6.04								
137.5	18.62	337.4	11.10	537.4	7.99	737.4	6.01								
142.4	18.35	342.4	11.03	542.5	7.92	742.2	6.01								
147.4	18.05	347.4	10.98	547.3	7.87	747.5	5.96								
152.3	17.82	352.4	10.83	552.4	7.85	752.7	5.94								
157.6	17.55	357,5	10.69	557.5	7.78	757.5	5.92								
162.5	17.36	362.5	10.56	562.3	7.70	762.4	5.90								
167.4	17.12	367.5	10.49	567.4	7.61	767.3	5.90								
172.4	16.88	372.6	10.42	572.6	7.55	772.2	5.84								
177.3	16.60	377.6	10.32	577.4	7.49	777.4	5.80								
182.6	16.22	382.6	10.23	582.5	7.41	782.6	5.70								
187.5	16.04	387.3	10.11	587.6	7.35	787.5	5.76								
192.5	15.83	392.4	9.98	592.4	7.31	792.4	5.72								
197.4	15.66	397.4	9.87	597.2	7.26	797.3	5.68								

STATION S88G05*0014*DD CRUISE 88G05 DATE 17 OCT GMT 9:08 PM LAT 26 19.9 LON 94 0.0 DEPTH OFFSET0.0

DEPTH	TEMP	SALT	SIGMA-T	XSM
5.0	26.834	36.4S1	23.890	8.88
10.0	26.666	36.468	23.933	8.87
15.0	26.614	36.454	23.939	8.87
20.0	26.603	36.460	23.947	8.88
25.0	26,5'33	36.461	23.951	s 88
30.0	26.593	36.465	23.954	S.8S
35.0	26.590	36.470	23.95S	8.S7
40.1]	26.5911	36.475	23.962	8.88
45.0	26.588	36.481	23.967	S.S8
50.0	26.585	36.4S5	23.971	S.8S
55.0	26.581	36.487	23.974	S.S8
60.11	26.342	36,499	24.059	8.88
65,0	25.027	36.510	24.477	8.85
70.0	24.211	36.495	24.713	8.84
75.0	23.5'37	36.469	24.S76	8.85
80.0	22.979	36.469	25. 056	8.83
85.0	22.474	36.465	25.198	8.85
90.0	22.172	36.47:3	25.294	8.87
95.0	21.840	36.475	25.3S6	S.8S
100.0	21.4131	36.481	25.491	8.90
105.0	21.133	36 .475	25.582	8.91
110.0	20.836	'36.47S	25.652	8,90
115.0	20.588	36.448	25.710	8.90
120.0	20.197	36.439	25.808	8.91
125.0	19.942	36.429	25,S69	8.89
130.0	19.712	36.463	25.955	8.93
135.0	19.458	36.449	26.011	8.32
140.0	19 070	"36.419	26.089	8.91
145.0	18.854	36.408	26.137	8.95
150.0	18.586	36.408	26.205	8.95
1550	18.173	36 367	26.277	8 95
160.0	17.863	36.334	26.330	8.95
165.0	17.600	36.316	26.380	8.95
170.0	17.304	36.281	26.426	8,93
175.0	16.989	36.228	26.460	8.94
180.0	16.1375	36.190	26.506	8.94
185.0	16.421	36.166	26.54S	8.94
190.0	16.185	36.134	213,573	8.94
195.0	15.956	3G.1OO	26,605	8.93
200.O	15.646	36.058	26.644	8,93
205.0	15.423	36.021	26.666	8.93
210.0	15.157	35.985	26.698	8.94
215.0	14.956	35.954	26.719	8.94
220.u	14. 736	35.918	26.739	8.94
225 0	14.546	35.883	26.753	8.94
230.0	14.358	35.859	26, 776	8.94
235.0	14.160	35.820	26. 787	8.94
240.0	13.951	35,784	26,8134	8.94
245.0	13.7s3	35.758	26.819	8.95
250.0	13.603	35.736	26.841	8.95
255.0	13.476	35.721	26 .855	8.95
260.0	13.371	35.705	26.S65	8.95
'265.0	13.267	35.689,	26.873	8.95
270.0	13.156	35.672	26.883	8.96
275.0	12.990	35,649	26.899	8.96
280.0	12.822	35.623	26.912	8.96
285.0	12.716	35.60S	26.922	8.96
290.0	12.609	35,591	26.930	8.96
295.0	12.475	35.569	26,939	8.95
31]0,1]	12.386	35 .55?	26.947	8.96
305.0	12.31S	35.544	26.951	8.96
310.0	12.216	3'5.5"30	26.960	8.95
315.0	12.090	35.511	26.970	8.95
320,0	11.809	"35 .476	26.9'36	8.95
325, 0	11.678	35.454	'27.004	S.95
330.0	11.585	35.440	27.010	8.95
335.0	11.462	35>413	27.013	8.95
340.0	11.371	35.404	27.023	S.95
345.0	11.276	35.3'?0	27.030	8.95
350.0	11.185	35.370	27.031	8.95
355.0	10.931	35.343	27.056	8.95
360.0	10.S63	35.332	27.060	8.95
365,0	10.780	35.320	27, 065	8,95
370.0	10.621	35.296	27. 075	8.95
375.0	10.522	35.284	27, 084	8.95
380.0	10.421	35,272	27,092	8.95
385.0	10.302	35.252	27.097	8.94
390.0	10.191	35.243	27, 109	8.95
395.0	10. 074	35.221	27'.113	8.95
400.0	10.006	35.213	27.118	8.95
405.0	9.S6S	35.197	27.129	8.95
410.0	9.76:3	35.185	27.136	8.95
415.0	9.657	35.169	27.143	8.95
420.0	9.600	35.162	27.147	8.95
425.0	9.4s5	35.147	27.155	8.95
430.0	9.393	35.136	27.161	8.95
435.0	9.319	35.127	27.166	8.95
440.0	9.218	35.115	27.173	8.95
445.0	9.195	35.111	27.174	8.95
450.0	9.139	35.108	27.180	8.95
455.0	9.063	35.099	27.186	8,95
460.0	8.987	35. 088	27.189	8.95
465 .0	8.873	35, 077	27.199	8.95
470.II	13,826	35.070	27.201	8.95
475.11	8.774	35, U64	27,205	8.95
480.0	S.672	35.045	27.209	8.95
485.0	8.529	35.036	27.221	8.95
490.0	s .479	35.029	27.223	8.95
4'35.0	8.440	35.024	27 226	8.95
500.0	S.364	35.018	27.233	8.95
505.0	8.323	35.014	27.236	8.95
510.0	8.273	35.012	27.242	8.95
515.0	8.236	35.0013	27.245	8.95
520.0	8.177	35.004	27.250	8.96
525.0	8.111	34.995	27.254	8.95
530.0	8.020	34.988	27.262	8.95
535.0	7.940	34.982	27.269	8.96
540.0	7.890	34,9?7	27,272	8.96
545.0	7.s09	34.968	27'.278	8.96
550.0	?.703	34.958	27.2S5	8.96
555.0	7.652	34.954	27.290	8.96
560.0	7.567	34.949	27.298	8.96
565.0	7.486	34.941	27.304	8.96
570.0	7.446	34.940	27.308	8.96
575.0	7.374	34.936	27.315	8.96
580.0	7.300	34.931	27.323	8.96
585.0	7.251	34.927	27.326	8.96
590.0	7.212	34.927	27.332	8.96
595.0	7. 159	34.924	27,337	8.96
600.0	7.104	34.919	27.341	8.96
605.0	7.067	34.915	27.343	8.96
610.0	7.016	34.914	27."349	8.96
615.0	6.955	34.909	27.354	8.96
620.0	6.886	34.909	27.36'3	8.96
625.0	6.818	34.905	27.369	8.96
6.30.0	6.751	34.'303	27'.377	8.96
635.0	6.694	34.900	27.382	8.97
640.1]	6.647	34.898	27.387	8.97
645.0	6.599	34.?'97	27.393	8.97
650.0	6.541	34.896	27.400	8.97
655 o	6.497	34.895	27.405	8.97
660.0	6.47'5	34.893	'2.406	8.97
665.0	6 .462	34.892	27.407	8.97
670.0	6.433	34.S92	27.411	8.97
675.0	6.3S2	34.893	'27.418	8.97
680.0	6,332	34.892	27.425	8.97
685, 0	6 ,2s7	34.s90	27.429	8.97
690.0	6.264	34.8S9	27.431	8.97
695.0	6.250	34.889	27.433	8.96
700.0	6.232	34.s'30	27.436	8.97
-[15 0	6.216	34.890	27.438	8.96
710.0	6.21]2	34.890	27.439	8.96
715.0	6.188	34.86'9	27.441	8.96
720.0	6.171	34.889	27.44"3	8.96
725.0	6.144	34.889	27.447	8.96
730.0	6.113	34.s'90	27.451	8.96
735.0	6.075	34.891	27.457	8.96
740.0	6.031	34.s'31	27,463	8.96
745.0	6.017	34.s'30	27,464	8.96
750.1]	5.985	34.891	27.469	8.96

STATION S88G05*0014*DD CRUISE 88G05 DATE 1 7 OCT GMT 9:08 PM LAT 26 19.9 LON 94 0.0 DEPTH OFFSET 0.0

DEPTH	TEMP	SALT	SIGMA-T	XSM
755.0	5,952	34.893	27.474	8.96
760.0	5.913	34.892	27,479	8.96
765 1]	5.904	34.892	27.479	8.96
770.0	5.885	34.891	27.4'31	8.96
'775.0	5.859	34.892	27.486	8.96
78 0 0	5.832	34.892	27.489	8.96
785.0	5.810	34.893	27.492	8.96
790.0	5.790	34.894	27.495	8.96
795 0	5.777	34.8'33	27.497	8.96
800.0	5.760	34.S94	27.500	8.96
805.0	5.732	34.894	27.503	8.97
810.0	5.704	34.895	27.507	8.97
815.0	5,673	34.S'36	27.512	8.98
820 0	5.649	34.896	27.515	8.98
825.0	5.631	34.896	27.518	8.98
830.0	5.620	34.897	27.519	8.98
835.0	5,604	34.897	27.521	8.98
840.0	5.582	34.897	27.524	8.98
845.0	5.559	34.898	27.528	8.98
850.0	5.541	34.899	27.530	8.98
855.0	5.516	34.899	27.534	8 98
860.0	5.481	34.900	27.539	8.98
865.0	5.436	34.904	27.547	8.98
8711.0	5.400	34.905	27.552	8.98
875.0	5.393	34.904	27.553	8.98
880.0	5.374	.34.905	27.556	8.98
8:35.0	5. 354	34.906	27.559	9,98
890.0	5.346	34.906	27.560	8.98
895.0	5.321	34.907	27.563	8.98
900.0	5.308	34.908	27.566	8.98
905.0	5.293	34.908	27.568	8.98
910.0	5.273	34.909	27 572	8.99
915.0	5.248	34. 910	27 575	8.99
920.0	5.225	34.911	27.579	8,9,3
925.0	5.193	34.913	27.584	8.99
930. 0	5.168	34.914	27.588	8.99
935.0	5.142	34.916	27.592	8.99
'340.0	5.126	34.916	27.594	8.99
945.0	5.106	34.917	27.597	8.99
950.0	5.088	34.917	27.600	8.99
955.0	5.069	34.918	27.602	8.99
960.0	5.054	34.918	27,1304	8.99
965.0	5.,044	34.919	27.606	8.99
970 1]	5.039	34.91'3	27.606	8,99
975.0	5.027	34.920	27.609	8,99
980.0	5.018	34.920	27.610	8.99
985.0	5.001	34.921	27,613	8.99
990.0	4.965	34.92.3	27.618	8.99
995.0	4.950	34.923	27.621	8.99
1000.o	4.940	34.924	27.622	8.99

DEPTH	TEMP	SALT	SIGMA-T	XSM
1005.0	4.930	34.924	27.6'24	8.93
1I.31O.O	4.927	34.924	27.624	8.99
11]15.0	4.923	34.924	27.624	8.99
1020.0	4,913	34.924	27.626	9.00
1025.0	4.901	34,925	27.627	8.99
10"30.0	4.882	34.925	27.630	8.99
1035.0	4.861	34.928	27.634	8.99
1040.0	4.854	"34.928	27,6"35	8.99
1045.0	4,847	34.928	27.636	8.99
1050.0	4.841	34.928	27.637	8.99
1055.0	4.835	34.928	27.637	8.39
10611.0	4.830	34.92'8	27.638	8.99
1065.0	4.806	34.930	27,643	9.00
1070. II	4.794	34.930	27.644	9.00
1075.0	4.784	34.930	27.645	9.00
1080.0	4.764	34.932	27.649	9.00
1085.0	4.753	34.932	27.650	9.00
1090 1]	4,746	34.933	27.651	9.00
1095.0	4.734	34.933	27.653	9.00
1100.0	4,720	34.934	27,655	9.00
1105.0	4.703	34.935	27.658	9.00
1110.0	4.696	34.935	27.659	9.00
1115.0	4.686	34.936	27.661	9.00
1120.0	4.674	34.936	27.662	'3.00
1125.0	4.657	34.937	27.665	9.00
1130.0	4.646	'34,933	27.667	'9.0u
1135.0	4.635	34.938	27.669	9.00
1140.0	4.623	34.939	27.670	9.00
1145.0	4.617	34.939	27.671	9.00
1150.0	4.598	34.940	27.674	9.00
1155.0	4.591	34.940	27.675	9.00
1160.0	4.588	34.941	27.676	9.00
1165.0	4.585	34.941	27.676	9.00
1170.0	4.580	34.941	27.677	9.00
117'5.0	4.559	34.943	27.680	9.00
1180.0	4.548	34.943	27.682	9.00
1185.0	4.540	34.94'3	27.683	9.00
1190.0	4.536	34.'343	27.683	9.00
1195.0	4.533	34.94"3	27.684	9.00
1200.0	4.514	34.945	27.687	9.01
1205.0	4.494	34.946	27.690	9.01
1210.0	4. 479	34.946	27.692	9.01
1215.0	4.465	34.947	27.694	9.01
1220.0	4.458	34.947	27.696	9.01
1225.0	4.450	34.948	27.697	9.01
12"30.0	4.440	34.949	27.698	9.01
1235.0	4.437'	34.948	27.698	9.00
1240.0	4.429	34.949	27.699	9.00
1245.0	4.413	34.950	27.702	9.01
1250,0	4,405	34.951	27.704	9.01

DEPTH	TEMP	SALT	SIGMA-T	XSM
1255.0	4.401	34.950	27704	9.01
1260.0	4.396	34.951	27.705	9.01
1265.0	4.394	34.951	27.705	9.01
1270.0	4.390	34.951	27.705	9.01
1275.0	4.380	34.952	27.708	9.01
1280.0	4.372	34.952	27.708	9.01
1285.0	4.364	34.9s3	27.710	9.01
1290.0	4.359	34.953	27.710	9.01
1295.0	4.359	34.953	27.710	9.01
1'300.0	4.360	34,953	27'.710	S o l
1305.0	4.360	34,953	27.710	9.01
1310.0	4.361	34.952	27.710	9.01
1315.0	4.361	34.952	27.710	9.01
1320.0	4.359	34.953	27.710	9.01
1325.0	4.352	34.953	27.712	9.01
1330.0	4.345	34.954	27,7]3	9.01
1335,0	4.342	34.95.3	27.713	9.01
1340.0	4.337	34.954	27.714	9.01
1345.0	4.331	34.954	27.715	9.01
1'350.0	4.312	34.955	27.718	9.01
1355.0	4.305	34.956	27.719	9.01
1360.0	4.302	34.956	27.719	9.01
1365.0	4.302	34.956	27.719	9.01
1370.0	4.300	34.956	27.719	9.01
1375.0	4.294	34.957	27.720	9.01
1380.0	4.294	34,956	27.720	9.01
1385.0	4.294	34.956	27.720	9.01
1390.0	4.2'34	34.956	27.720	'3.01
1395.0	4.292	34.956	27.721	9.01
1400.0	4.290	34.957	27.721	9.01
1405.0	4.288	34.957	27.721	9.01
1410,0	4.287	34.957	27.721	9.01
1415.0	4.285	34.957	27.722	9.01
1420.0	4.279	34.957	27.723	9.01
1425.0	4.'266	34.959	27.725	9.01
1430.0	4.258	34.959	27.726	9.01
1435.0	4.256	34.959	27,726	9.01
1440.0	4.25'3	34.959	27.727	9.01
1445.0	4.252	34.959	27.727	9.01
1450.0	4.245	34.959	27.728	9.01
1455.0	4.241	34.960	27.729	9.01
1460.0	4,240	'34>960	27.729	9.01
1465.0	4.238	34,960	27.729	9.01
1470.0	4.239	34.960	27,729	9.01
1475.0	4.239	34.960	27.729	9.01
1480.0	4.238	34.960	27.729	9.01
1485.0	4.238	34.960	27.729	9.01
1490.0	4.237	34.960	27.729	9.01
1495.0	4.236	34,960	27.730	9.01
1500.0	4.236	34.960	27.7"30	9.01

STATION S88G05*0014*DD CRUISE 88G05 DATE 17 OCT GMT 9:08 P N LAT 26 19.9 LON 94 0.0 DEPTH OFFSET 0.0

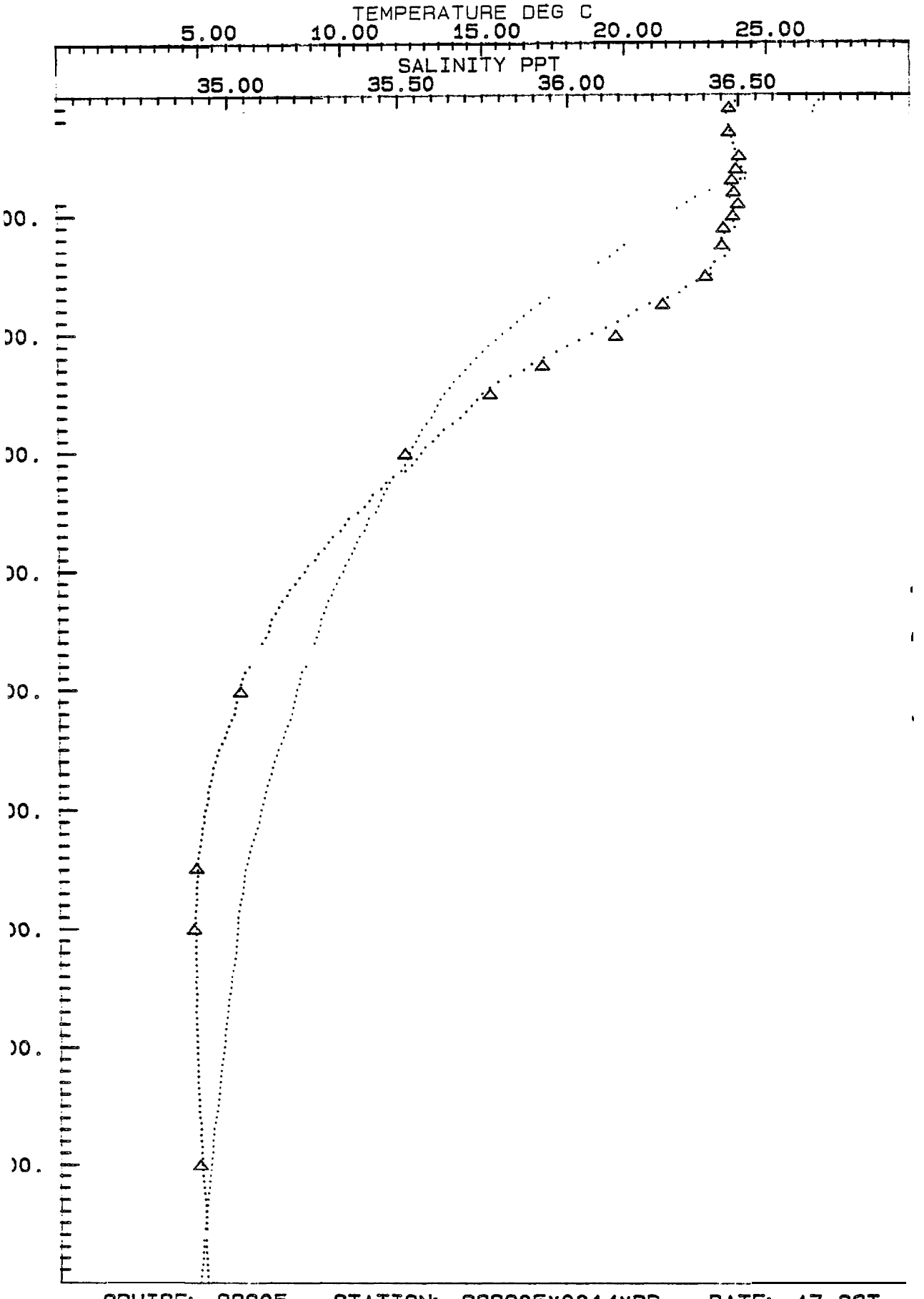
DEPTH	TEMP	SALT	SIGMA-T	XSM
1505.0	4.237	34.960	27.729	9.01
1510.0	4.237	34.960	27.729	9.01
1515.0	4.237	34.960	27.729	9.01
1520.0	4.238	34.960	27.729	9.01
1525.0	4.238	34,960	27.729	9.01
15300	4,239	34.960	27.729	9.01
1535.0	4.240	34.960	27.729	9.01
1540.0	4.240	34.960	27.729	9.01
1s45.0	4.240	34.960	27. 729	9.01
1550.0	4.241	34.960	27.729	9.01
1555.0	4.241	34.960	27.729	9.01
1560.0	4.240	34.960	27.729	9.01
1565.0	4,240	34,960	27.729	9,01
1570.0	4.238	34.960	27.729	9.01
1575.0	4.237	34.960	27.730	9.01
1580.0	4.236	34.960	27.730	9.01
1585.0	4.236	34.960	27.730	9.01
1590.0	4.234	34.960	27. 730	9.01
1595.0	4.232	34.'360	27.730	9.01
1600.0	4.233	34.960	27.730	9.01
1605.0	4.233	34.960	27.730	9.01
1610.0	4.233	34.960	27.730	9.01
1615.0	4.232	34.960	27,730	9.01
1620.0	4.232	34.960	27.7.30	9.01
1625.0	4,232	34,961	27.730	9.01
1630.0	4.232	34.961	27.730	9.01
1635.0	4.231	34.961	27.730	9.01
1640.0	4.231	34.961	27.731	9.01
1645.0	4.231	34.961	27.730	9.00
1650.0	4.231	34.961	27.730	9.01
1655.0	4.232	34 961	27.730	9.01
1660.0	4.232	34.961	27.730	9.01
1665.0	4.232	34.961	27.730	9.01
1670.0	4.232	34.961	27.730	9.01
1675.0	4.232	34.961	27.730	9,01
1680.0	4.232	34.961	27.730	9.01
1685.0	4.233	34.961	27.730	9.01
1690 0	4,233	34.961	27 .7.30	9,01
1695 0	4.233	34.961	27.730	9.00
1700 1]	4,233	34.961	27.730	9.00
1705.0	4.233	34.961	27.730	9.00
1710.0	4.233	34.961	27.730	9.00
1715.0	4.233	34.961	27,730	9.00
1720.0	4.233	'34.961	27.730	9.00
1725.0	4.232	34.961	27,730	9.00
1730.0	4.233	34.961	27.730	9.00
1735.0	4.232	34.961	27.730	9.00
1740.0	4.233	34.961	27.730	9.00
1745.0	4.233	34.961	27.730	9.00
1750.0	4.233	34.961	27.730	9.00

DEPTH	TEMP	SALT	SIGMA-T	XSM
1755.0	4,233	34.961	27.730	9.00
1760.0	4.233	34.961	27.730	9.00
1765, 0	4.233	34.961	27>730	9.00
1770 0	4.233	34.961	2?,730	9.00
1775.0	4.233	34.961	27,730	9.00
1780.0	4,233	34.961	27.7.30	8.99

DEPTH	TENP	SALT	SIGMA-T	XSM

STATION S88G05*0005*DD CRUISE 88G05 DATE 16 OCT GMT 5:45 PM LAT 27 57.9 LON 93 36.6 DEPTH OFFSET 0.0

DEPTH	TENP	SALT	SIGMA-T	X9-I	DEPTH	TEMP	SALT	SIGMA-T	XSM	DEPTH	TEMP	SALT	SIGMA-T	XSM
10.0	26.489	36.142	23.743	8,87										
15.0	26.491	36.140	23,741	8.87										
20.0	26.492	36.140	23.740	8.87										
25.1)	26,456	36.122	23.738	8.86										
30.0	26.240	36.113	23,800	8.85										
35.0	26.271	36,157	23.823	8.85										
40.0	26.488	36.356	23.905	8.81										
45, 1]	26.478	36.411	23.950	8.80										
50.0	26.043	36.411	24.087	8.81										
55.0	24,060	36.454	24.727	8.81										
60.0	22.680	36.503	25.168	8.85										
65.0	22.232	36.465	25.267	8.88										
70.0	21<902	36.470	25.365	8.89										
75.0	21.649	36.462	25.429	8.89										
80.0	21.238	36.451	25.535	8.89										
85.0	20.738	36.443	25.666	8.89										
90.0	20.110	36.434	25.828	8.84										
95.0	19.717	36,405	25.910	7.54										



CRUISE: 88G05 STATION: S88G05*0014*DD DATE: 17 OCT
GMT: 9:08 PM LATITUDE: 26 19.9 LONGITUDE: 94 0.0

STATION S88G05*0014*DD CRUISE 88G05 DATE 17 OCT GMT 9:08 PM LAT 26 1 9 . 9 LON 94 0.0 DEPTH OFFSET 0.0

DEPTH	TENP	SALT	SIGMA-T	XSN
5.0	26.834	36.481	23.890	8.88
10.0	26.666	36.468	23.933	8.87
15.0	26.614	36.4S4	23.939	8.87
20.0	26.60:3	36.460	23.947	8.88
25.0	26,593	36.461	23.951	8.88
30.0	26 .s93	36.465	23,954	8.88
35.0	26.S50	36.470	23.958	8.87
40.0	26.590	36.47S	23.962	8.88
45.0	26. S88	36.481	23.967	8.88
50.0	26 .S05	36.485	23.971	8.88
55.0	26.581	36.487	23.974	8.88
60.0	26.342	36.499	24,059	8.88
65.0	2S.027	36.510	24.477	8.85
70.0	24.211	36.495	24.713	8.84
75.0	23.597	36.469	24.876	8.85
80.0	22.979	36.469	2S .056	8.83
85.0	22.474	36.465	25.198	8.85
90.0	22.172	36.478	25.294	8.87
95.0	21.840	36.475	25.386	8.88
100.0	21.481	36.481	25.491	8.90
105.0	21.133	36.475	25.582	8.91
110.0	20.886	36.478	25.652	8.90
115.0	20.588	36.448	25.710	8.90
120.0	20.197	36.439	25.808	8.91
125.0	19.942	36.429	25.869	8.89
130.0	19.712	36.463	25.955	8.93
135.0	19.458	36.449	26>011	8.92
140.0	19.070	36.419	26.089	8.91
145.0	18.854	36.408	26.13?	8,?5
150.0	18.586	36.408	26.205	8.95
155.0	18.173	36.367	26.277	8.95
160.0	17.863	36.334	26.330	8,95
165.0	17.600	36.316	26.380	8.95
170 .0	17.304	36.281	26.426	8.93
175.0	16.989	36.228	26.460	8.94
180.0	16 .67S	36.190	26.506	8.94
185.0	16.421	36.166	26.548	8.94
190.0	16.185	36.134	26.579	8.94
195.0	15.956	36,100	26.605	8.93
200.0	15.646	36.05S	26.644	8.93
205.0	15.423	36.021	26.666	8,93
210.0	15.157	35.985	26.698	8,94
215.0	14.956	35.954	26.719	8.94
220.0	14. 736	35.918	26.739	8.94
225 .0	14.546	35.883	26.753	8.94
230.0	14.3S8	35.859	26.776	8.94
235.0	14.160	35.820	26.787	8.94
240.0	13.951	35,784	26.804	8.94
245.0	13.783	35.758	26.819	8.95
250.0	13.603	35.736	26.841	8.95

DEPTH	TEMP	SALT	SIGMA-T	XSN
25S .0	13.476	35.721	26.855	8.9S
260.0	13,371	35.705	26.865	8.95
265.0	13.267	35.689,	26.873	8.95
270.0	13.156	35.672	26.883	8.96
275.0	12.990	35.649	26.899	8.96
280.0	12.822	35.623	26,912	8.96
285.0	12.716	35.608	26,922	8.96
290.0	12.609	35.591	26,930	8.96
29S .0	12.47S	35.569	26.939	8.95
300.0	12.386	35,557	26.947	8.96
30s.0	12.318	35.544	26.951	8.96
310.0	12.216	35.530	26,960	8.95
315.0	12.090	35.511	26.970	8.95
320.0	11,809	3S.476	26.996	8.95
32S.0	11.678	35.454	27.004	8.95
330.0	11.585	35.440	27.010	8,95
335.0	11.462	35.413	27.013	8.95
340.0	11.371	35,404	27.023	8.95
345.0	11.276	35.390	27.030	8.95
350.0	11.185	35.370	27.031	8.95
355, 0	10.931	35.343	27.056	8.95
360.0	10.863	35.332	27.060	8.9S
365.0	10.780	35.320	27.065	8,95
370,0	10.621	35.296	27.075	8.95
37s .0	10.522	35.284	27.084	8.95
380.0	10.421	35,272	27,092	8.95
385.0	10.302	35.252	27,097	8.94
390.0	10.1.91	35.24"3	27,109	8.95
395.0	10.1)74	35.221	27.113	8.95
400.0	10.006	35.213	27.118	8.95
405,0	9.868	35.197	27.129	8.95
410.0	9.768	35.185	27.136	8.95
415.0	9.657	35.169	27.143	8.95
420 .0	9.600	35.162	27.147	8.95
425.0	9.485	35.147	27.155	8.95
430.0	9.393	35.136	27,161	8.95
43s , 0	9.319	35.127	27.166	8,95
440,0	9.218	35.115	27.173	8.95
445.0	9.195	35.111	27.174	8.95
450.0	9.139	35.108	27.180	8.95
455.0	9.063	35.099	27.186	8,95
460.0	8,987	35.088	27.189	8.95
465.0	8,873	35.077	27.199	8.95
470 .0	8,826	35.070	27,201	8.95
475.0	8,774	35.064	27,205	8.95
480.0	8.672	35.049	27,209	8.95
485.0	8.529	35.036	27.221	8.95
490.0	8,479	35.029	27,223	8.95
495, 0	8.440	35.024	27.226	8.95
500.0	8.364	35,018	27.233	8.95

DEPTH	TENP	SALT	SIGMA-T	XSM
505.0	8.323	35.014	27.236	8.95
510.0	8.273	35.012	27.242	8.95
515.0	8.236	35.008	27.245	8,95
520.0	8.177	3s,004	27.250	8.96
525.0	8.111	34,995	27.254	8.95
530.0	8.020	34.988	27.262	8,95
S35 .0	7.940	34.982	27.269	8.96
540.0	7.890	34,977	27.272	8.96
545 .0	7.809	34.968	27.278	8.96
550.0	7.703	34.958	27.285	8.96
5s5 .0	7.652	34.954	27.290	8.96
560.0	7.567	34.949	27,298	8.96
565.0	7.486	34.941	27.304	8.96
570.0	7.446	34.940	27.308	8.96
575.0	7.374	34.936	27.315	8.96
580.0	7.300	34.9:31	27.323	8.96
585.0	7.251	34.927	27.326	8.96
590.0	7.212	34.927	27.332	8.96
S95 .0	7.159	34.924	27.337	8.96
600.0	7.104	34.919	27.341	8.96
605.0	7.067	34.915	27.343	8.96
610.0	7.016	34.914	27.349	8.96
615.0	6.955	34.909	27.354	8.96
620.0	6.886	34.909	27.363	8.96
625.0	6.818	34.905	27.36.9	8.96
630.0	6.7S1	34.903	27,377	8.96
635.0	6,694	34.300	27.382	8.97
640.0	6.647	34.898	27.387	8.97
645.0	6.599	34.897	27.393	8.97
650.0	6.541	34.S96	27,400	8.97
655.0	6.497	34.1395	27.405	8.97
660.0	6.475	34.893	27.406	8.97
665.0	6.462	34.892	27.407	8.97
670.0	6.433	34.892	27.411	8.97
675, 0	6.382	34.833	27.418	8.97
680.0	6.332	34.892	27.425	8.97
685.0	6.287	34.890	27.429	8.97
690.0	6.264	34.889	27.431	8,97
695.0	6.250	34.889	27.433	8.96
700.0	6.232	34.890	27.436	8.97
705 0	6.216	34.890	27.438	8.96
710.0	6.202	34.890	27.439	8.96
715.0	6.188	34.889	27.441	8.96
720.0	6.171	34.889	27.443	8.96
725, 0	6.144	34.889	27.447	8.96
730.0	6.113	34.890	27.4.51	8.96
735.0	6.075	34.891	27.457	8.96
740.0	6.031	34.891	2?.463	8.96
745.0	6.017	34.890	27.464	8.96
750.0	5.985	34.891	27.469	8.96

5 METER AVERAGED EXPENDABLE BATHYTHERMOGRAPH

PROBE T-? CRUISE 88G05 STATION X88G05*14*1 DATE 17OCT88 GMT 2043 LAT 26 20.7 LON 94 .2 OPERATOR

z	T	Z	T	z	T	z	T	z	T	z	T	z	T	z	T
2.6	26.99	202.4	15.43	402.5	9.74	602.4	6.87	802.2	5.40						
7.5	26.79	207.3	15.11	407.5	9.69	607.5	6.81	807.5	5.37						
12.6	26.62	212.3	14.90	412.3	9.57	612.3	6.79	012.7	5.35						
17.5	26.61	217.6	14.65	417.3	9.51	617.5	6.72	817.6	5.35						
22.4	26.62	222.5	14.46	422.4	9.41	622.6	6.67	822.5	5.34						
27.5	26.61	227.5	14.29	427.5	9.30	627.5	6.59								
32.4	26.61	232.5	14.17	432.5	9.16	632.3	6.56								
37.3	26.60	237.5	13.99	437.6	9.12	63,7,4	6.50								
42.5	26.59	242.4	13.86	442.6	9.05	642.6	6.44								
47.4	26.59	247.4	13.70	447.4	8.98	647.4	6.38								
52.3	26.'50	252.4	13.50	452.5	13.91	652.3	6.35								
57.5	26.57	257.4	13.36	457.5	8.86	657.4	6.26								
62.7	25.84	262.3	13.20	462.3	8.78	662.6	6.22								
67.5	24.33	267.3	13.08	467.4	0.63	667.4	6.19								
72.4	23.61	272.3	12.95	472.4	8.50	672.3	6.11								
77.7	22.87	277.3	12.82	477.5	8.40	677.5	6.06								
82.5	22.35	282.3	12.67	482.6	8.35	682.6	6.02								
87.4	21.97	287.3	12.54	487.4	8.32	6,97.5	5.98								
92.3	21.63	292.6	12.43	492.5	8.23	692.3	5.96								
97.3	21.26	297.6	12.26	497.5	8.14	697.5	5.92								
102.5	20.92	302.6	12.09	502.3	8.06	702.7	5.89								
107.4	20.65	307.6	11.94	507.4	7.94	707.5	5.87								
112.3	20.311	312.3	11.83	512.5	7.93	712.4	5.86								
117'.5	19.91	317.3	11.71	517.3	7.78	717.2	5.93								
122.4	19.69	322.3	11.61	522.4	7.71	722.5	5.80								
127.4	19.49	327.3	11.52	527.5	7.63	727.7	5.77								
132.6	19.33	332.3	11.39	532.3	7.61	732.5	5.75								
137.5	18.88	337.4	11.18	537.4	7.53	737.4	5.74								
142.4	18.65	342.4	11.03	542.5	7.46	742.2	5.72								
147.4	18.43	347,4	10.85	547.3	7.36	74,7.5	5.70								
15"2.3	18.03	352.4	10.7%	552.4	7.30	752.7	5.69								
157.6	17.59	357.5	10.63	557.5	7.26	757.5	5.64								
162.5	17.41	362.5	10.47	562.3	7.22	762.4	5.59								
167.4	17.13	367.5	10.41	567.4	7.16	767.3	5.57								
172.4	16.87	372.6	10.27	572.6	7.11	7.72.2	5.55								
177.3	16.65	377.6	10.15	577.4	7.05	777.4	5.53								
182.6	16.41	382.6	10.05	582.5	7.01	782.6	5.50								
187.5	16.19	387.3	9.98	507.6	6.97	787.5	5.47								
192.5	15.90	3?2.4	9.89	592.4	6.92	792.4	5.44								
197.4	15.76	397.4	9.81	597.2	6.89	797.3	5.42								

5 METER AVERAGED EXPENDABLE BATHYTHERMOGRAPH

PROBE T-7 CRUISE 88G05 STATION X88G05*15*1 DATE 18OCT88 GMT 0207 LAT 26 0.0 LON 93 59.9 OPERATOR

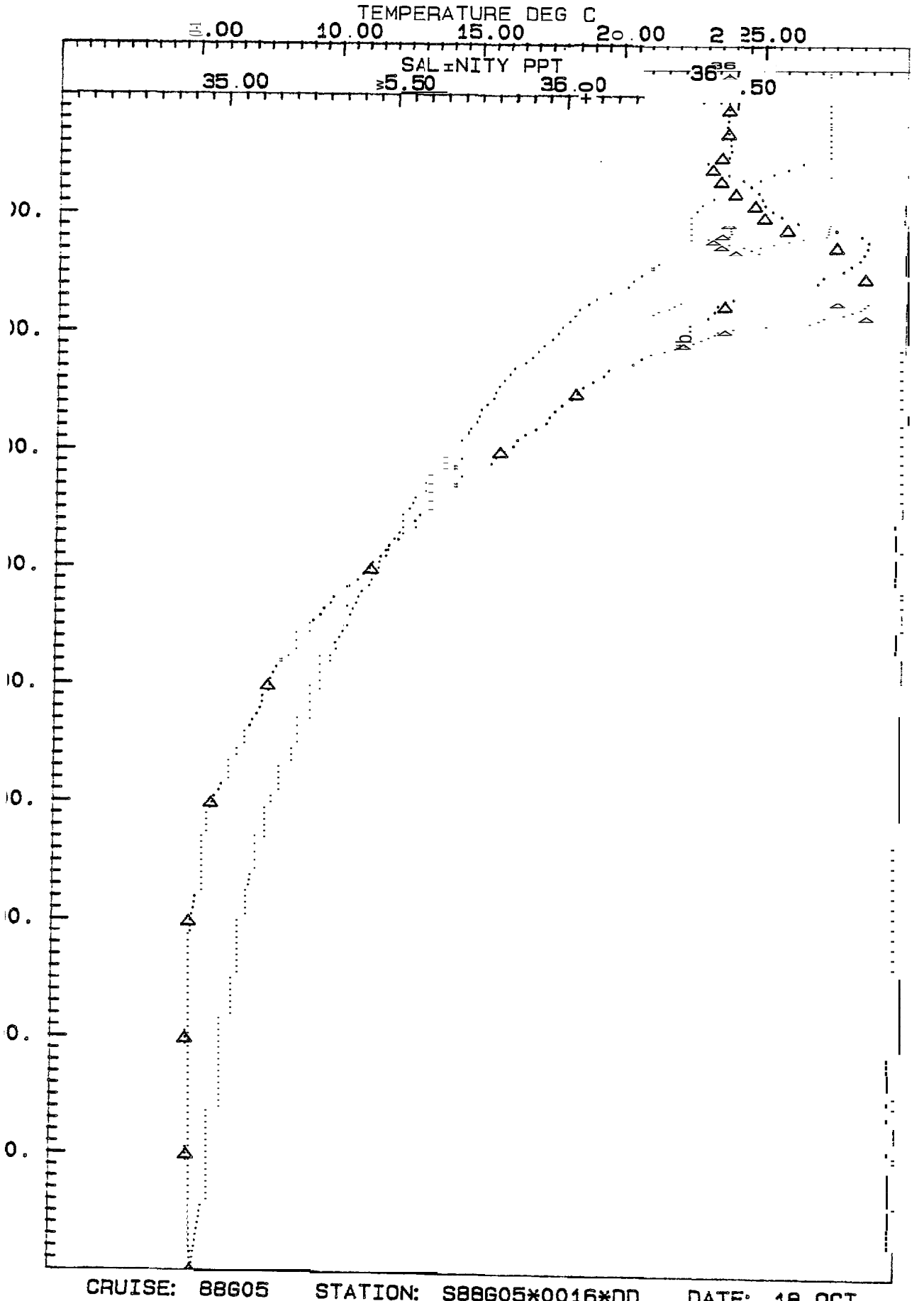
Z	T	z	T	Z	T	z	T	z	T	z	T	z	T	Z	T
2.6	27.16	202.4	16.36	402.5	10.10	602.4	7.34	802.2	5.46						
7.5	27.19	207.3	16.18	407.5	10.00	607.5	7.30	807.5	5.44						
12.6	27.17	212.3	15.86	412.3	9.93	612.3	7.20	812.7	5.40						
17.5	27.11	217.6	15.50	417.3	9.81	617.5	7.15	817.6	5,39						
22.4	26.90	222.5	15.26	422.4	9.67	622.6	7.12	822.5	5.37						
27.5	26.80	227.5	15.16	427.5	9.59	627.5	7.06								
32.4	26.79	232.5	15.05	432.5	9.50	632.3	6.99								
37.3	26.73	237.5	14.92	437.6	9.43	637.4	6.90								
42.'5	26.63	242.4	14.65	442.6	9.38	642.6	6.85								
47.4	26.56	247.4	14.47	447.4	9.31	647.4	6.80								
52.3	26.51	252.4	14.14	452.5	9.20	652.3	6.70								
57.5	26.50	257.4	13.57	457.5	9.12	657.4	6.66								
62.7	26.33	262.3	13.23	462.3	9.03	662.6	6.60								
67.5	26.19	267.3	13.11	467.4	8.86	667.4	6.55								
72.4	25.79	272.3	13.05	472.4	8.74	672.3	6.46								
77.7	25.00	277.3	12.99	477.5	8.63	677.5	6.38								
82.5	24.33	282.3	12.88	482.6	8.51	682.6	6.33								
87.4	23.93	287'.3	12.76	487.4	8.44	687.5	6.27								
92.3	23.42	292.6	12.66	492.5	8.35	692.3	6.23								
9.7.3	22.66	297.6	12.60	497.5	8.29	697.5	6.19								
102.5	22.16	302.6	12.49	502.3	8.26	702.7	6.18								
107.4	21.95	307.6	12.18	507.4	8.20	707.5	6.15								
112.3	21.69	312.3	11.96	512.5	8.14	712.4	6.09								
117.5	21.49	317.3	11.85	517.3	8.13	717.2	6.05								
122.4	21.23	322.3	11.79	522.4	8.12	722.5	6.02								
127.4	20.95	327.3	11.72	527.5	8.07	727.7	5.98								
132.6	20.45	332.3	11.68	532.3	7.99	732 .5	5.96								
137.5	20.13	337.4	11.56	537.4	7.97	737.4	5.92								
142.4	19.83	342.4	11.40	542.5	7.91]	742.2	5.88								
147.4	19.67	347.4	11.31	547.3	7.85	747.5	5.83								
152.>	19.31	352.4	11.22	552.4	7.74	752.7	5.79								
157.6	18.96	357.5	11.10	557.5	7.68	757.5	5.74								
162.5	18.77	362.5	10.97	562.3	7.64	762.4	5.71								
167.4	18.50	367.5	10.85	567.4	7.60	767.3	5.68								
172.4	18.06	372.6	10.66	572.6	7.57	772.2	5.65								
177.3	17.67	377.6	10.56	577.4	7.53	777.4	5.62								
182.6	17.38	382.6	10.46	582.5	7.48	782.6	5.58								
187.5	17.06	387.3	10.37	587.6	7.45	787.5	5.54								
192.5	16.85	392.4	10.27	592.4	7.42	792.4	5.52								
197.4	16.63	397.4	10.17	597.2	7,39	797.3	5.49								

STATION S88G05*0016*DD CRUISE 88G05 DATE 18 OCT G M T 4:18 AM LAT 25 40.3 LON '34 .2 DEPTH OFFSET 0.0

DEPTH	TEMP	SALT	SIGMA-T	XSM
5.0	27.284	36.465	23.732	8.90
10.0	27.284	36.465	23.733	8.90
15.0	27.286	36.463	23.7"30	8.90
20.0	27.286	36.463	23.730	8.90
25.0	27.287	36.460	23.727	8.90
30.0	27.268	3S. ,464	23.736	8.90
3s .0	27.223	36.470	23<756	8.90
40.0	27.196	36470	23.764	8.90
45.0	27.190	36.471	23.768	8.90
50.0	27.134	36,466	23.782	9.90
55.0	26.321	36,404	23.994	8.89
60.0	25. 818	36.428	24.170	8.87
65.0	25.281	36 466	24.365	8.87
70.0	24.805	36,510	24.544	8.87
75.0	24.491	36.532	24.656	8.88
80.0	23.865	36.554	24.860	8.87
85.0	23.179	36,564	25.070	8.89
90.0	22.775	36 572	25.193	8.92
95.0	22.608	36.595	25.259	8.93
100.0	22.422	'36 624	25.334	8.94
105.0	22.417	36.670	25.370	8.95
110.0	22.474	36.784	25.441	8.95
115.0	22.411	36.859	25.516	8.96
120.0	22,255	36.879	25.576	8.97
12s.0	22.021	36,877	25.640	8.97
130.0	21.798	36,866	25.695	8.97
135.0	21.611	36.854	25.739	8.98
140 0	21.259	36.831	25.818	8.98
145 0	21.064	36.805	25.853	8.98
150 0	20.631	36.747	25.927	8.98
155.0	20.359	36.731	25.988	8.98
160 0	20.178	36.705	26.017	8.98
165.0	19.561	36.577	26.093	8.97
170 1)	19.068	36.481	26.137	8.95
175.0	18.780	36.436	26.177	8.96
180.0	18.461	36.427	26.251	8.97
185.0	18.332	36.409	26.270	8.97
190.0	18.148	36.388	26.300	8.97
195.0	17.883	36.366	26.349	8.97
200.0	17.734	'36.342	26.367	8.97
205.0	17.528	36.311	26.394	8.97
210.0	17.240	36.281	26.441	8.97
215.0	17.037	36.241	26.459	8.97
220.0	16.815	36.212	26.490	8.97
225.0	16.587	36.187	26.525	8.97
230.0	16.182	3s$ .117	26,566	8.97
235.0	16.040	36.104	26,589	8.97
240,0	15.847	36.071	26.608	8.97
245.0	15,672	36,042	26.626	8.97
250.0	15.552	36,026	26,641	8.97
255.0	15.481	36.010	26.644	8.97
260.0	15,2'33	35s979	26.676	8.97
265.0	15.035	35.960	26.705	8.97
270, 0	14.963	35.945	26.710	8.97
275 0	14.8:77	35.935	26.721	8.97
280.0	14.669	'35,905	26.743	8,97
285 0	14.528	35.874	26.750	8.97
290,0	14.389	35.850	26.762	8.97
295.0	14.286	35.833	26.776	8.96
300.0	14.135	35.811	26.786	8.96
305.0	13.938	35.788	26.13113	8.96
310.0	13,810	35.773	26.825	8.96
315.0	13.649	35.739	26.833	8.96
320.0	13.401	35.713	26.865	0.97
325.0	13.240	35.686	26.875	8.96
330.0	13.088	35.670	26.895	8.97
335 0	12.881	35.632	26.907	8.97
340.0	12.727	35.610	26.921	8.96
345.0	12.653	35.599	26 927	8.96
350.0	12.535	35.585	26.940	8.96
355.0	1'2.407	3S.564	26.949	8.95
360.0	12.334	35.550	26,952	8.96
365.0	12.277	35.538	26.954	8.96
370.0	12.165	35.519	26.961	8.96
375 0	12.007	35.502	26.979	8.97
380.0	11,84?	35.477	26.990	8.97
385.0	11.778	35.465	26.993	8.97
3'30.0	11.703	35.450	26.996	8.97
395.0	11.470	35.428	27.023	8.96
400.0	11.450	35.413	27.019	8.97
405 0	11.348	35.401	27.024	8.97
410.0	11.199	35.304	27.039	8.96
415.0	11.115	35.359	27.035	8.96
420.0	10.874	35.333	27.059	8.97
425 0	10.759	35.315	27 .065	8.97
430.0	10.685	3s.307	27.072	8.97
435.0	10.56:7	35.284	27.075	8.97
440.0	10,481	35.274	27.083	8.97
445.0	10.347	35.255	27.0'32	8.97
450.0	10.25E!	35.241	27.096	8.97
455.0	10.184	35.234	27.103	8.96
460.0	10.074	35,214	27.107	8.97
465.0	9.951	35.204	27.121	8.97
470.0	9.868	35.193	27.126	8.97
475, 0	9.758	35.180	27.134	8.97
480.0	9.601	35.164	27.148	8.97
485.0	9 ,478	35.145	27, 154	8.97
490.0	9.404	35.136	27.159	8.97
495.0	9.330	35.127	27, 164	8,97
500.0	9.267	35.127	27.174	8.96
505.0	9.223	35.122	27.178	8.95
510,0	9 098	35.106	27.186	8.95
515.0	9, 074	35.105	27.189	8.95
520.0	9.021	35. 099	27.193	8.94
525.0	8.943	35.090	27.199	8.94
530.0	8.849	35.078	27.203	8.94
535.0	8.780	35.070	27,209	8.94
540.0	8,707	35.061	27.213	8.94
545.0	8.637	35.054	27.219	8.94
550.0	8.547	35.042	27.223	8.95
555.0	8.426	35.031	27.233	8.95
560.0	8.383	35.027	27.237	8.95
565.0	8.313	35.017	27.240	8.96
570 0	8.201	35.008	27.250	8.96
575, 0	8.161	35.004	27.253	8.97
580.0	8.087	34.996	27.258	8.97
585.0	8.007	34.987	27.263	8.97
590.0	7.875	34.980	27.277	8.96
595.0	7.739	34.966	27.287	8.97
600.0	7.674	34.961	27.292	8.97
605.0	7.598	34.956	27.299	8.97
610.0	7.549	34.952	27.303	8.97
615.0	7.524	34.949	27.304	8.97
620.0	7.495	34.947	27. 307	8.97
625.0	7.421	34.943	27.315	8.96
630.0	7.373	34.937	27.317	8.97
635.0	7.298	34.931	27.323	8.97
640.0	7.245	34.930	27.330	8.97
645.0	7.202	34.927	27.333	8.97
650 0	7.133	34.924	27.341	8.97
655.0	7.091	34.924	27.347	8.97
660 1]	7.051	'34.922	27.350	8.96
665.0	7.026	34.920	27.353	8.96
670.0	6.996	34.918	27.355	8.96
675.0	6.93S	34.916	27.362	8.96
680.0	6.906	34.913	27.364	8.96
685.0	6.881	34.912	27.366	8.96
690.0	6.837	34.909	27.370	8.96
695.0	6.761	34.906	27.378	8.97
700.0	6,722	34.903	27.381	8.97
705.0	6.709	34.903	27.383	8.97
710,0	6.686	34.902	27.385	8.96
715.0	6.652	34.899	27.387	8.96
720.0	6.619	34.s'35	27.389	8.97
725.0	6.584	34.896	27.394	8.97
730.0	6.545	34.896	27.3"39	8.97
735.0	6.513	34.896	27.404	8.97
740,0	6,49:3	34.897	27,406	8.97
745.0	6.498	34.898	27.407	8.97
7511.0	6.459	34.900	27,414	8.97

STATION S88G05*0016*DD CRUISE 88G05 DATE 18 OCT GMT 4:18 AM LAT 25 40.3 LON 94 .2 DEPTH OFFSET 0.0

DEPTH	TEMP	SALT	SIGMA-T	XSM
755.0	6.410	34.903	27.423	8.97
760.0	6.394	34.901	27.423	8.97
765.0	6.370	34.900	27.426	8.97
770.0	6.326	34.898	27.430	8.97
775.0	6.302	34.896	27.431	8.97
780.0	6.248	34.894	27.438	8.97
785.0	6.215	34.893	27.441	8.97
790.0	6.205	34.893	27.442	8.97
795.0	6.172	34.892	27.445	8.97
800.0	6.145	34.892	27.449	8.97
805.0	6.127	34.892	27.451	8.97
810.0	6.108	34.891	27.453	8.97
815.0	6.062	34.893	27.461	8.97
820.0	6.036	34.894	27.464	8.97
825.0	6.008	34.895	27.469	8.97
830.0	5.964	34.895	27.475	8.97
835.0	5.941	34.894	27.477	8.98
840.0	5.930	34.894	27.478	8.98
845.0	5.925	34.893	27.478	8.98
850.0	5.901	34.893	27.481	8.98
855.0	5.859	34.893	27.486	8.98
860.0	5.824	34.893	27.491	8.98
865.0	5.787	34.894	27.496	8.98
870.0	5.766	34.894	27.499	8.98
875.0	5.737	34.894	27.502	8.98
880.0	5.718	34.893	27.504	8.98
885.0	5.685	34.895	27.509	8.98
890.0	5.662	34.895	27.512	8.98
895.0	5.639	34.896	27.516	8.98
900.0	5.624	34.895	27.518	8.98
905.0	5.603	34.897	27.521	8.98
910.0	5.585	34.898	27.525	8.98
915.0	5.560	34.899	27.529	8.98
920.0	5.542	34.900	27.531	8.98
925.0	5.527	34.900	27.533	8.99
930.0	5.516	34.899	27.534	8.99
935.0	5.506	34.900	27.536	8.99
940.0	5.466	34.902	27.542	8.99
945.0	5.406	34.906	27.552	8.99
950.0	5.374	34.906	27.557	8.99
955.0	5.355	34.906	27.559	8.99
960.0	5.315	34.908	27.565	8.99
965.0	5.286	34.908	27.569	8.99
970.0	5.254	34.910	27.574	8.99
975.0	5.245	34.910	27.575	8.99
980.0	5.212	34.911	27.580	8.99
985.0	5.185	34.913	27.585	8.99
990.0	5.163	34.914	27.588	8.99
995.0	5.136	34.915	27.592	8.99
1000.0	5.118	34.915	27.594	8.99
1005.0	5.107	34.916	27.596	8.99
1010.0	5.092	34.916	27.598	8.99
1015.0	5.063	34.917	27.603	8.99
1020.0	5.038	34.919	27.607	8.99
1025.0	5.023	34.919	27.609	8.99
1030.0	5.006	34.920	27.611	8.99
1035.0	4.994	34.920	27.613	8.99
1040.0	4.973	34.921	27.616	8.99
1045.0	4.957	34.923	27.619	8.99
1050.0	4.948	34.923	27.620	8.99
1055.0	4.933	34.923	27.622	8.99
1060.0	4.914	34.924	27.625	8.99
1065.0	4.892	34.925	27.629	8.99
1070.0	4.882	34.925	27.630	8.99
1075.0	4.866	34.926	27.633	8.99
1080.0	4.846	34.927	27.635	8.99
1085.0	4.836	34.928	27.637	8.99
1090.0	4.814	34.929	27.640	9.00
1095.0	4.802	34.929	27.642	9.00
1100.0	4.795	34.929	27.643	9.00
1105.0	4.785	34.930	27.645	9.00
1110.0	4.772	34.930	27.647	9.00
1115.0	4.758	34.932	27.649	9.00
1120.0	4.745	34.932	27.651	9.00
1125.0	4.728	34.933	27.654	9.00
1130.0	4.710	34.934	27.656	9.00
1135.0	4.695	34.934	27.658	9.00
1140.0	4.687	34.935	27.659	9.00
1145.0	4.664	34.936	27.663	9.00
1150.0	4.645	34.937	27.666	9.00
1155.0	4.631	34.938	27.668	9.00
1160.0	4.619	34.938	27.670	9.00
1165.0	4.609	34.939	27.672	9.00
1170.0	4.595	34.939	27.674	9.00
1175.0	4.579	34.941	27.677	9.00
1180.0	4.568	34.941	27.678	9.00
1185.0	4.564	34.941	27.678	9.00
1190.0	4.554	34.941	27.680	9.00
1195.0	4.545	34.942	27.681	9.00
1200.0	4.538	34.942	27.682	9.00
1205.0	4.531	34.942	27.683	9.01
1210.0	4.527	34.943	27.684	9.00
1215.0	4.514	34.943	27.686	9.01
1220.0	4.500	34.944	27.688	9.01
1225.0	4.491	34.945	27.689	9.01
1230.0	4.488	34.945	27.690	9.01
1235.0	4.481	34.945	27.691	9.01
1240.0	4.472	34.946	27.692	9.01
1245.0	4.464	34.946	27.693	9.01
1250.0	4.461	34.946	27.694	9.01
1255.0	4.458	34.946	27.695	9.01
1260.0	4.453	34.946	27.695	9.01
1265.0	4.445	34.947	27.697	9.01
1270.0	4.441	34.947	27.697	9.01
1275.0	4.436	34.948	27.698	9.01
1280.0	4.429	34.948	27.699	9.01
1285.0	4.425	34.948	27.700	9.01
1290.0	4.409	34.950	27.702	9.01
1295.0	4.406	34.949	27.702	9.01
1300.0	4.406	34.949	27.702	9.01
1305.0	4.403	34.950	27.703	9.01
1310.0	4.399	34.950	27.704	9.01
1315.0	4.389	34.950	27.705	9.01
1320.0	4.383	34.951	27.706	9.01
1325.0	4.376	34.951	27.707	9.01
1330.0	4.375	34.951	27.707	9.01
1335.0	4.374	34.951	27.707	9.01
1340.0	4.372	34.951	27.708	9.01
1345.0	4.364	34.952	27.709	9.01
1350.0	4.361	34.952	27.710	9.01
1355.0	4.358	34.952	27.710	9.01
1360.0	4.355	34.952	27.710	9.01
1365.0	4.349	34.952	27.711	9.01
1370.0	4.346	34.953	27.712	9.01
1375.0	4.342	34.953	27.712	9.01
1380.0	4.340	34.953	27.713	9.01
1385.0	4.336	34.953	27.713	9.01
1390.0	4.334	34.953	27.714	9.01
1395.0	4.329	34.954	27.714	9.01
1400.0	4.325	34.954	27.715	9.01
1405.0	4.320	34.954	27.716	9.01
1410.0	4.316	34.954	27.717	9.01
1415.0	4.314	34.954	27.717	9.01
1420.0	4.313	34.954	27.717	9.01
1425.0	4.310	34.955	27.717	9.01
1430.0	4.308	34.955	27.718	9.01
1435.0	4.307	34.955	27.718	9.01
1440.0	4.305	34.955	27.718	9.01
1445.0	4.304	34.955	27.718	9.01
1450.0	4.302	34.955	27.719	9.01
1455.0	4.301	34.955	27.719	9.01
1460.0	4.300	34.955	27.719	9.01
1465.0	4.297	34.955	27.719	9.01
1470.0	4.296	34.955	27.719	9.01
1475.0	4.292	34.956	27.720	9.01
1480.0	4.290	34.956	27.720	9.02
1485.0	4.289	34.956	27.720	9.02
1490.0	4.289	34.956	27.720	9.02
1495.0	4.288	34.956	27.720	9.02



CRUISE: 88G05 STATION: S88G05*0016*DD DATE: 18 OCT
GMT: 4: 18 AM LATITUDE: 25 40.3 LONGITUDE 94 .2

5 METER AVERAGED EXPENDABLE BATHYTHERMOGRAPH

PROBE T-7 CRUISE 88G05 STATION X88G05*16*1 DATE 18OCT88 GMT 0402 LAT 25 40.3 LON 93 59.9 OPERATOR

Z	T	z	T	z	T	z	T	z	T	z	T	Z	T	z	T
2.6	27.21	202.4	17.28	402.5	11.10	602.4	7.54	802.2	6.01						
7.5	27.34	207.3	17.07	407.5	11.01	607.5	7.46	807.5	5.94						
12.6	27.33	212.3	16.80	412.3	10.90	612.3	7.38	812.7	5.90						
17.5	27.33	217.6	16.60	417.3	10.73	617.5	7,33	817.6	5.84						
22.4	27.31	222.5	16.31	422.4	10.56	622.6	7.28	822.5	5.82						
27.5	27.27	227.5	15.97	427.5	10.49	627.5	7.24								
32.4	27.24	232.5	15.87	432.5	10.43	632.3	7.19								
37.3	27.22	237.5	15.65	437.6	10.37	637.4	7.16								
42.5	27.20	242.4	15.48	442.6	10.23	642.6	7.09								
47.4	27.19	247.4	15.35	447.4	10.15	647.4	7.05								
52.3	27,07	252.4	15.29	452.5	10.04	652.3	6.99								
57.5	26.13	257.4	15.19	457.5	9.96	657.4	6.95								
62.7	25.42	262.3	14.98	462.3	9.91	662.6	6.93								
67.5	24.97	267.3	14.77	467.4	9.84	667.4	6.88								
72.4	24.51	272.3	14.70	472.4	9.76	672.3	6.82								
77.7	23.88	277.3	14.64	477.5	9.62	677.5	6.00								
82.5	23.11	282.3	14.56	482.6	9.44	682.6	6.74								
87.4	22.70	287.3	14.32	487.4	9.37	687.5	6.68								
92.3	22.45	292.6	14.10	492.5	9.23	692.3	6.65								
97.3	22.34	297,6	14.02	497.5	9.10	697.5	6.63								
102.5	22.36	302.6	13.85	502.3	9.07	702.7	6.60								
107.4	22.40	307,6	13.61	507.4	9.06	707.5	6.56								
112.3	22.33	312.3	13.49	512.5	8.96	712.4	6.5.4								
117.5	22.20	317.3	13.35	517.3	8.85	717.2	6.49								
122.4	21.90	322.3	13.13	522.4	8.80	722.5	6.42								
127.4	21.67	327.3	12.98	527.5	8.76	727.7	6.39								
132.6	21.44	332.3	12.85	532.3	8.72	732.5	6.35								
137.5	21.11	337.4	12.59	537.4	8.62	737.4	6.31								
142.4	20.80	342.4	12.49	542.5	8.53	742.2	6.29								
147.4	20.51	347.4	12.41	547.3	8.44	747.5	6.26								
152.3	20.26	352.4	12.30	552.4	8.38	752.7	6.22								
157.6	19.97	357.5	12.20	557.5	8.32	757.5	6.18								
162.5	19.23	362.5	12.10	562.3	8.26	762,4	6.17								
167.4	18.83	367.5	12.01	567.4	8.18	767.3	6.17								
172.4	18.45	372.6	11.93	572.6	8.06	772.2	6.16								
177.3	18.30	377.6	11.80	577.4	7.97	777.4	6.14								
182.6	18.18	382.6	11.65	582.5	7.86	782.6	6.09								
187.5	17.95	387.3	11.55	587.6	7.77	787.5	6.06								
192.5	17.77	392.4	11.45	592.4	7.67	792.4	6.05								
197.4	17.51	397,4	11.21	597.2	7.62	797.3	6.05								

5 METER AVERAGED EXPENDABLE BATHYTHERMOGRAPH

PROBE T-7 CRUISE 88G05 STATION X88G05*17*1 DATE 18OCT88 GMT 0917 LAT 25 38.7 LON 94 .6 OPERATOR

Z	T	z	T	z	T	z	T	z	T	z	T	z	T	z	T
2.6	26.04	202.4	15.88	402.5	8.06	602.4	6.49	802.2	5.26						
7.5	26.14	207.3	15.61	407.5	0.00	607.5	6.44	807.5	5.25						
12.6	26.12	212.3	15.26	412.3	7.93	612.3	6.40	812.7	5.23						
17.5	26.12	217.6	14.76	417.3	7.86	617.5	6.40	817.6	5.22						
22.4	26.11	222.5	14.44	422.4	7.79	622.6	6.37	822.5	5.20						
27.5	26.11	227.5	14.20	427.5	7.78	627.5	6.34								
32.4	25.91	232.5	13.81	432.5	7.76	632.3	6.28								
37.3	25.53	237.5	13.19	437.6	7.71	637.4	6.23								
42.5	25.11	242.4	12.94	442.6	7.62	642.6	6.17								
47.4	24.74	247.4	12.78	447.4	7.55	647.4	6.13								
52.3	24.27	252.4	12.38	452.5	7.45	652.3	6.10								
57.5	23.85	257.4	12.05	457.5	7.36	657.4	6.07								
62,7	23.61	262.3	11.83	462.3	7.33	662.6	6.02								
67.5	23.24	267.3	11.69	467.4	7.29	667.4	5.98								
72.4	22.94	272.3	11.57	472.4	7.25	672.3	5.96								
77.7	22.67	277.3	11.47	477.5	7.21	677.5	5.91								
82.5	22.55	282.3	11.42	482.6	7.14	682.6	5.84								
87.4	22.35	287.3	11.28	487.4	7.11	697.5	5.81								
92.3	22.13	292.6	11.05	492.5	7.08	692.3	5.79								
9.7.3	21.83	297.6	10.81	497.5	7.04	697.5	5.75								
102.5	21.5'?	302.6	10.65	502.3	7.02	702.7	5.69								
107.4	21.1s	307.6	10.43	507.4	6.99	707.5	5.68								
112.3	20.85	312.3	10.27	512.5	6.96	712.4	5.67								
117.5	20.52	317.3	10.15	517.3	6.93	717.2	5.64								
'1'22.4	20.18	322.3	9,99	522.4	6.91	722.5	5.60								
127.4	19.94	327.3	9.66	527.5	6.88	727.7	5.57								
132.6	19.69	332.3	9.4?	532.3	6.87	732.5	5.54								
137.5	19.43	337.4	9.26	537.4	6.37	737.4	5.51								
142.4	19.23	342.4	9.10	542.5	6.86	742.2	5.50								
147.4	19.06	347.4	9.02	547.3	6.79	747.5	5.49								
152.3	18.85	352.4	8.92	552.4	6.69	752.7	5.43								
157.6	18.67	357.5	8.75	557.5	6.67	757.5	5.35								
162.5	18.35	362.5	8.62	562.3	6.65	762.4	5.34								
167.4	18.11	367.5	8.52	567.4	6.65	767.3	5.33								
172.4	17.78	372.6	8.39	572.6	6.64	772.2	5.32								
177.3	17.49	377.6	8.33	577.4	6.62	777.4	5.32								
182.6	17.22	382.6	8.31	582.5	6.59	782.6	5.31								
187.5	17.02	387.3	8.28	587.6	6.54	787.5	5.30								
192.5	16.72	392.4	8.19	592.4	6.52	792.4	5.28								
197.4	16.31	397.4	8.11	597.2	6.50	797.3	5.26								

STATION 88G05*0018*DD CRUISE 88G05 DATE 18 OCT GMT 11:17 AM LAT 25 40.0 LON 94 45.0 DEPTH OFFSET 0.0

DEPTH	TEMP	SALT	SIGMA-T	XSM
5.0	26.699	36.517	23.960	8.91
10.0	26.699	36.496	23.944	8.91
15.0	26.701	36.491	23.939	8.90
20.0	26.702	36.4'32	2"3.9"39	8.90
25.0	26.704	36.492	23.938	8.91
30.0	26.705	36.492	23.938	8.91
35.0	26.706	36.494	2'3.940	8.91
40.0	26.707	36.496	23.941	8.91
45.0	26.707	36.504	23.947	8.91
50,0	26.705	36.514	23.955	8.91
55.0	26 .702	36.518	23.959	8.91
60 0	26.693	36.526	23.968	8.91
65 i]	26.688	36.541	23.981	8.91
70.0	26.5'37	36.561	24.044	8.91
75.0	25.172	36.530	24.447	8.89
80.0	24.192	36.494	24.717	8.89
85.0	23.55S	36.505	24.914	8.89
90.0	22.932	36,494	25.089	8.89
95.0	22.526	36.508	25.216	8.88
100.0	22.228	36.495	25.291	8.88
105 1]	21.995	36.494	25.357	8.90
111] .1]	21.634	36.482	25.449	8.89
115.0	21.391	36.469	25.506	8.89
120.0	21.169	36.472	25.570	8.90
125.0	20.924	36.470	25.636	8.90
130.0	20.623	36.44'3	25.701	8.92
135.0	20.361	36.443	25.768	8.93
140.0	20.087	36.432	25.833	8.93
145.0	19.795	36.416	25.898	8,93
150.0	19.489	36.413	25.976	8.93
155 0	19.285	36.407	26.024	8.93
160.0	19 028	36.394	26.0:31	8.93
165.0	18.711	36.374	26.147	8.94
170.0	Is. 2911	36.364	26.246	8.94
175 1]	17.998	36.340	26.301	8.94
180 o	17.605	36.295	26.363	8.93
185.0	17.373	36.270	26.400	8.92
190.0	17.076	36.244	26.452	8.92
195.0	16.798	36.210	26.4'33	8.93
200.0	16.530	36.178	26.531	8,92
205.O	16.311	36.146	26.558	8.92
210.0	15.939	36.101	26.610	8.93
215.0	15.780	36.075	26.626	8.94
220.0	15.497	36.031	26.657	8.94
225.0	15.200	35.988	26.690	8.95
230.0	14.882	35.943	26,726	8.96
235.0	14.716	35.918	26.743	8.96
240.0	14.465	35.881	26.770	8.96
245.0	14.288	35.847	26.781	8.96
250.0	14.121	35.821	26.796	8.96

DEPTH	TEMP	SALT	SIGMA-T	XSM
255, 0	14.029	35. 805	26.804	8.96
260.0	1:3.894	35.785	26.817	8.96
265 0	13.682	3S .756	26.340	8.96
2713.0	13.542	35.725	26.844	8.96
275.0	13.403	35. ?07	26.859	8.96
280.0	13.244	35,686	26.876	8.95
285.0	13.165	35.674	26.882	8.95
290.0	13.080	35.655	26.885	8,95
295.0	12.916	35.634	26.902	8.96
300.0	12.792	35.617	26.913	8.97
305.0	12.699	35.599	26.918	8.96
310.0	12.567	35.580	26.930	8.96
315,0	12.425	35.560	26.942	8.96
320.0	12.348	35.548	26,948	8.96
325.0	12.251	35.534	26.956	8.95
330.0	12.180	35.523	26.961	8.95
335.0	12.121	35.510	26.962	8.95
340.0	11.989	35.493	26.975	8,96
345.0	11.889	35.479	26.984	8.97
350.0	11.747	35.461	26.996	8.'3?
355.0	11.588	35.432	27.00"3	8.97
3611,0	11.423	35.414	27.021	8.97
365.0	11.221	35.385	27.035	8.96
370, 0	11.122	35.366	27.039	8.96
375.0	10.978	35.348	27.052	8.96
380.0	10.860	35.333	27.061	8.96
385.0	10.773	35.31'3	27.066	8.96
390.0	10.617	35.299	27.072	8.96
395.0	10.543	35.288	'27. 093	8,97
400.0	10.464	35.276	27.088	8.97
405.0	10.386	35 265	27.092	8.97
410.0	10.177	35,239	27. 108	8.96
415.0	10. 048	35.222	27.117	8.96
420.0	9. '338	35.206	27, 125	8.97
425.0	9.844	35.195	27.131	8.96
430.0	9.669	35.174	27.145	8.96
435.0	9.486	35.148	'27.155	8.96
440.0	9.388	35.136	27.162	8,97
445, 0	9.366	35.132	27. 162	8.96
451] 0	9.277	35.121	27.16:3	8.96
455.0	'3.190	35.113	27.176	8.96
460.0	9.119	35.102	27.179	8.96
465.0	9.999	35.089	27.189	8.97
470.0	8.914	35.081	27, 196	8.37
475.0	8.861	35, 075	27.199	8,97
46'0.0	8.816	35, 072	27.204	8.97
485.0	8.676	35.056	27.214	8.96
490.0	8.578	35.046	27.222	8.96
495.0	8,47'9	35.032	27,226	8.96
500.0	8.346	35,021	27.238	8.96

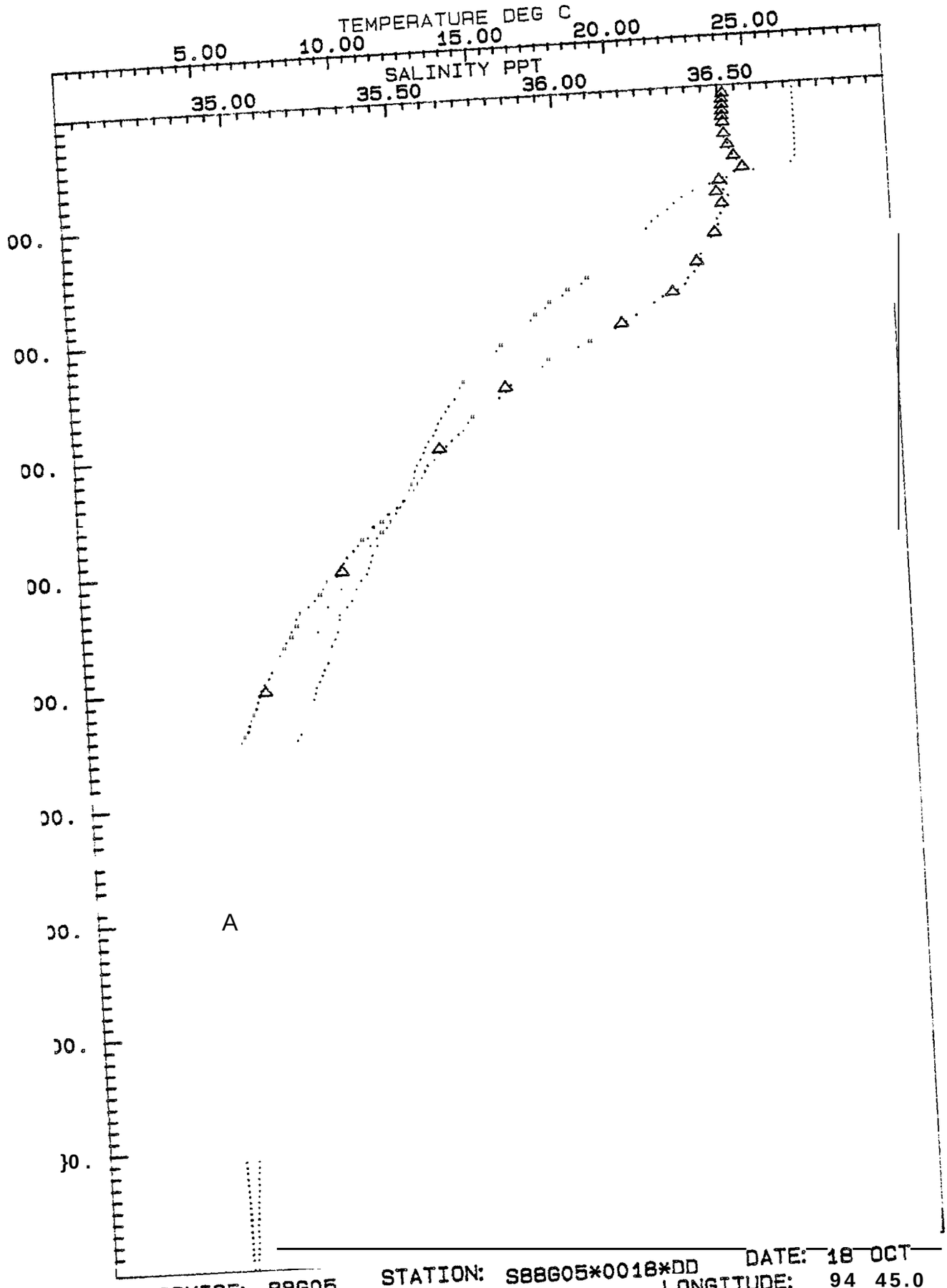
DEPTH	TEMP	SALT	SIGMA-T	XSM
505.0	8.300	35.016	27.241	8.97
510.0	8.233	35.008	27.245	8.96
515.0	8.166	35.002	27.251	8.96
520.0	8.080	34.995	27.259	8.97
525.0	7.987	34.986	27',265	8.97
530.11	7,922	34.979	27.270	8.97
535,0	?. 848	34,975	27.278	8.97
540.0	7.712	34.965	27.290	8.97
545.0	7.611	34.954	27.296	8.98
550.0	7.556	34.949	27,300	8.97
555.0	7.488	34.944	27.306	8.97
560.0	7.433	34.940	27.310	8.97
565.0	7.379	34.936	27.315	8.97
570.0	7.316	34.9"33	27.322	8.97
575.0	7.285	34.931	27.325	8.97
580.0	7.220	34.927	27.331	8.97
585.0	7.216	34.925	27.330	8.97
590.0	7.214	34.925	27.330	8.97
595.0	7.193	34.924	27.332	8.97
600.0	7.120	34.917	27.337	8.97
605.0	7.057	34. '?16	27.345	8.97
610.0	7.003	34.'315	27.352	8.97
615.0	6.921	34.912	27.360	8.97
620.0	6.861	34.907	27.365	8.97
625.0	6.824	34.906	27.370	8.97
6"30 .0	6,792	34.905	27,373	8.97
635.0	6.764	34.903'	27.375	8.97
640.0	6.729	34.902	27.379	8.97
645.0	6>697	34.901	27.382	8.97
650.0	6.656	34.900	27388	8.97
655.0	6.608	34.899	27.393	8.97
660.0	6.580	34.8,37	27.396	8.97
655.0	6.515	34.6'97	27.404	8.97
670.0	6.464	34.893	27.408	8.97
675 .0	6.435	34.893	27.411	8.97
680,0	6.416	34.892	27.413	8.97
685 .0	6.400	34.892	27.415	8.97
690.0	6.319	34.893	27.427	8.97
695.0	6,254	34.892	27.435	8.97
700.0	6.222	34. 891	27.438	8.97
705, 0	6.191	34.890	27.442	8.97
710.0	6.157	34.891	27,446	8.97
715.0	6,108	34.891	27.453	8.97
720.0	6.067	34.891	27.458	8.97
725, 0	6.049	34.890	27.460	8.97
730.0	6.038	34.890	27.461	8.97
735.0	6.019	34, 890	27.464	8.97
740.0	5,995	34.891	27.467	8.97
745.0	5.969	34. 891	27,470	8.98
750.0	5.959	34.891	27.471	8.98

STATION S88G05*0018*DD CRUISE 88G05 DATE 18 OCT GMT 11:17 AM LAT 25 40.0 LON 94 45.0 DEPTH OFFSET 0.0

DEPTH	TEMP	SALT	SIGMA-T	XSM
755.0	5.927	34.891	27.476	8.98
760 II	5.886	34.892	27.482	8.98
765 n	5.855	34.892	27.486	8.97
770 .0	5.836	34.892	27.488	8.97
775.0	5.832	34.891	27.488	8.97
780.0	5.828	34.891	27.49'3	8.97
785.0	5.809	34.891	27.491	8.97
790.0	5,793	34.892	27,494	8.98
795 0	5.772	34.892	27.497	8.97
800.0	5.748	34.893	27,500	8.97
805.0	5.717	34.893	27.504	8.97
810.0	5.689	34.894	27.509	8.98
815.0	5.670	34.894	27.511	8.97
820.0	5.637	34.895	27.516	8.98
825.0	5,604	34.396	27.521	8.98
$30. U	5.591	34.896	27,52'2	8.98
835.O	5.582	34.896	27.5'23	8.98
840.0	5.568	34.897	27,526	8.98
845.0	5.557	34.897	27.527	8.98
850.0	5.534	34.898	27.531	8.98
855.0	5.511	34.899	27.534	8.98
860.0	5,4'30	34.901]	27.538	8.98
865.0	5.432	34.900	27.538	8.98
$370.0	5.476	34.900	27.539	8.98
875.0	5.467	34.900	27,541	8.98
880.0	5.450	34.901	27.543	8.99
885.0	5.437	34.901	27s546	8.99
890 0	5,425	34.901	27.547	8.99
:395.0	5.403	34.903	27,551	8.99
900.0	5..391	34.903	27.552	8.99
905.0	5.380	34.904	27.554	8.99
910.0	5.375	34.904	27.554	8.99
915.0	5.370	34.904	27.555	8.99
920.0	5.363	34.904	27.556	8.99
925.0	5.349	34.905	27.559	8.99
930.0	5,337	34.9115	27.561	8.99
935.0	5.323	34.906	27.563	8.99
940.0	5.313	34.906	27.564	8.99
945.0	5.301	34.907	27,566	8.99
950.0	5,283	34.908	27.569	8.99
9s5.0	5.'272	34.908	27.570	8.99
960.0	5.263	34.908	27.571	8.99
965.0	5.249	34.909	27.574	8.99
970.0	5.23$	34.909	27.575	8.99
975.0	5.236	34.909	27.576	8.99
980.0	5.229	34.909	27.577	8.99
985.0	5.221	34.910	27.578	8.99
990.0	5.213	34.910	27.579	8.99
995.0	5.201	34.911	27.581	8.99
11)1) 0,0	5.194	34.911	27.582	8.99

DEPTH	TEMP	SALT	SIGMA-T	XSM
1005.0	5.187	34.911	27.583	8,99
101O.I3	5.180	34.'311	27.584	8.99
1015.0	5.1?3	34.912	27,585	8.99
1020.0	5.161	34.911	27.586	8.99
1025.0	5.139	34.914	27.591	8.99
1030.0	5.123	34.915	27.594	8.99
103s .0	5.103	34.915	27.596	8,99
1040.0	5.093	34.915	.27,597	8.99
1045.0	5.084	34.916	27.599	8,9'3
1050.0	5.066	34.917	27,602	9.00
1055.0	5.050	34.917	27.604	9.00
1060.0	5.035	34.918	27.606	9.00
1065.0	5.019	34.918	27.609	9.00
1070.0	4.989	34.921	27.s.14	9.00
1075.0	4,969	34.921	27.616	9,00
1080.0	4.952	34.922	27.619	9.00
1085.0	4.946	34.922	27,620	9.00
1090.0	4.937	34.922	27.621	9.00
10'35.0	4.909	34.924	27.626	9.00
11 OO. II	4,892	34.925	27.629	9.00
1105.0	4.879	34.925	27.631	9.00
1110.0	4.848	34.928	27.636	9.00
1115.0	4,827	34.928	27.638	9.00
1120.0	4,813	34.928	27.640	9,01
11'25.0	4,799	34.928	27.642	9,01
1130.0	4.785	34.930	27.644	9.01
1135.0	4,779	34.929	27.645	9.01
1140.0	4,764	34.9'31	27.648	9.01
1145,0	4.747	34.932	27.651	9.01
1150.0	4.736	34.932	27.652	9.01
1155.0	4.725	34.933	27.654	9.01
1160.0	4.714	34.933	27.655	9.01
1165.0	4.692	34.'?35	27.659	'301
1170.0	4.681	34.935	27.660	9.01
1175.0	4.672	34.935	27.662	9.01
1180.0	4.661	34,935	27.663	9.01
1185.0	4.653	34.936	27.664	9.01
1190.0	4.646	34.936	27.666	9.01
1195.0	4.633	34,937	27.667	9.01
1200.0	4.619	34.'3"38	27.670	9.01
1205.0	4.610	34.938	27,671	9.01
1210.0	4.584	34.940	27.676	9.01
1215.0	4.577	34.940	27.6?6	9.01
1220.0	4.576	34.940	27.676	9.01
1225.0	4.557	34.941	27.679	9.01
1230.0	4,549	34,941	27,680	9.01
1235.0	4.538	34.942	27.682	9.01
1240.0	4,530	34.942	27.683	9.01
1245.0	4.519	34.942	27.634	9.01
1250.0	4.511	34,943	27.686	9.01

DEPTH	TEMP	SALT	SIGMA-T	XSM
1255.0	4.500	34.944	27.688	9.01
1260.0	4.487	34.945	27.690	9.01
1265.0	4.481	34.945	27.691	9.01
1270.0	4,477	34.945	27.691	9.01
1275.0	4. 4?3	34.945	27.692	9.01
1280.0	4.471	34,945	27.692	9.01
1285.0	4.466	34.946	27.693	9.01
1290.0	4.458	34.946	27.695	9.02
1295.0	4.450	34.947	27.696	9.01
1300.0	4. 446	34.947	27.696	9.01
1305.0	4.440	34.947	27.697	9.01
1310.0	4.440	34.947	27.697	9.01
1315.0	4.439	34.947	27.697	9.01
1.320.0	4.429	34.948	27.698	9.01
1325.0	4.418	34.948	27.701	9.01
1330.0	4.414	34.949	27.701	9.01
1335.0	4.412	34.949	27,701	9.01
1340.0	4.407	34.949	27.702	9.01
1345.0	4.398	34.949	27.703	9.01
1"350.0	4.395	34.949	27.704	9.01
1355.0	4.394	34.94'3	27,7(J4	9.01
1360.0	4.391	34.950	27.704	9.01
1365.0	4.382	34.950	27.706	9.01
1370.0	4.380	34.950	27.706	9.01
1375.0	4.375	34.950	27,70?	9.01
1380.0	4.373	34.951	27,707	9.01
1385.0	4.369	34.951	27.708	9.01
1390.0	4.362	34.951	27.709	9.01
1395.0	4.359	34.951	27.709	9.02
1400.0	4.359	34.951	27.709	9.02
1405 0	4.355	34.952	27.710	9.02
1410.0	4.351	34.952	27.711	9.02
1415.0	4.348	34.952	27.711	9.02
1420.0	4. 34?	34.952	27.711	9.02
1425.0	4.343	34.952	27.712	9.02
1430.0	4.338	34.957	27.712	9.02
1435.0	4.336	34.953	27.713	9.02
14411.0	4.335	34.952	27.713	9.02
1445.0	4,332	34.953	27,?13	9.02
1450.0	4.329	34.953	27,714	9.02
1455.0	4.329	34.953	27.714	9.02
1460.0	4,325	34,953	27.715	9.02
1465.0	4.323	34.953	27.715	9.02
1470.0	4.319	34.953	27.715	9.02
14?5.0	4.318	34.953	27,716	9.02
1480.0	4.315	34.954	27.716	9.02
1485.0	4.315	34,954	27.716	9.02
1490.0	4.314	34.954	27.716	9.02
1495.0	4.313	34.954	27,717	9.02
1500.0	4.311	34.954	27.717	9.02



CRUISE: 88G05
GMT: 11: 17 AM

STATION: S88G05*0018*DD
LATITUDE: 2540.0

DATE: 18 OCT
LONGITUDE: 94 45.0

5 METER AVERAGED EXPENDABLE BATHYTHERMOGRAPH

PROBE T-7 CRUISE 88G05 STATION X88G05*18*1 DATE 18OCT88 GMT 1107 LAT 25 40.2 LON 94 44.7 OPERATOR

z	T	z	T	z	T	z	T	z	T	z	T	z	T	z	T
2.6	26.62	2112.4	15.71	402.5	10.20	602.4	6.75	802.2	5.46						
7.5	26.71	207.3	15.51	407.5	10.11	607.5	6.70	807.5	5.43						
12.6	26.71	212.3	15.21	412.3	10.01	612.3	6.65	812.7	5.40						
17.5	26.70	217.6	14.96	417.3	9.92	617.5	6.65	817.6	5.39						
22.4	26.70	222.5	14.73	422.4	9.79	622.6	6.59	822.5	5.37						
27.5	26.69	227.5	14.60	427.5	9.66	627.5	6.52								
32.4	26.69	232.5	14.50	432.5	9.52	632.3	6.49								
37.3	26.69	237.5	14.32	437.6	9.38	637.4	6.46								
42.5	26.69	242.4	14.20	442.6	9.22	642.6	6.45								
47.4	26.69	247.4	14.03	447.4	9.06	647.4	6.43								
52.3	26.69	252.4	13.81	452.5	8.94	652.3	6.40								
57.5	26.69	257.4	13.62	457.5	8.82	657.4	6.36								
62.7	26.68	262.3	13.51	462.3	8.76	662.6	6.33								
67.5	26.71	267.3	13.42	467.4	8.69	667.4	6.25								
72.4	26.42	272.3	13.33	472.4	8.59	672.3	6.22								
77.7	24.75	277.3	13.20	477.5	8.51	677.5	6.18								
82.5	23.68	282.3	13.03	482.6	8.45	682.6	6.16								
87.4	23.11	2S7.3	12.97	487.4	8.32	687.5	6.14								
92.3	22.74	292.6	12.86	492.5	8.23	692.3	6.10								
97.3	22.45	297.6	12.64	497.5	8.14	697.5	6.02								
1112.5	22.10	302.6	12.41	502.3	8.05	702.7	5.99								
107.4	21.73	307.6	12.32	507.4	7.95	707.5	5.97								
112.3	21.29	312.3	12.14	512.5	7.87	712.4	5.94								
117.5	21.06	317.3	12.01	517.3	7.80	717.2	5.91								
122.4	20.77	322.3	11.94	522.4	7.69	722.5	5.88								
127.4	20.37	327.3	11.88	527.5	7.61	727.7	5.84								
132.6	19.94	332.3	11.80	532.3	7.56	732.5	5.80								
137.5	19.80	337.4	11.68	537.4	7.47	737.4	5.76								
142.4	19.65	342.4	11.57	542.5	7.41	742.2	5.73								
147.4	19.41	347.4	11.48	547.3	7.30	747.5	5.72								
152.3	19.05	352.4	11.32	552.4	7.21	752.7	5.68								
157.6	18.63	357.5	11.19	557.5	7.17	757.5	5.65								
162.5	18.37	362.5	11.09	562.3	7.10	762.4	5.64								
167.4	17.94	367.5	11.02	567.4	7.06	767.3	5.63								
172.4	17.51	372.6	10.96	572.6	6.99	772.9	5.62								
177.3	17.14	377.6	10.80	577.4	6.94	777.4	5.60								
182.6	16.85	382.6	10.65	592.5	6.92	782.6	5.59								
187.5	16.52	387.3	10.57	587.6	6.90	787.5	5.57								
192.5	16.25	392.4	10.40	592.4	6.87	792.4	5.52								
197.4	15.97	397.4	10.29	597.2	6.82	797.3	5.50								

5 METER AVERAGED EXPENDABLE BATHYTHERMOGRAPH

PROBE T-7 CRUISE 88G05 STATION X88G05*19*1 DATE 18OCT88 GMT 1705 LAT 26 .9 LON 94 45.0 OPERATOR

z	T	z	T	z	T	z	T	z	T	z	T	z	T	z	T
2.6	26.73	202.4	18.61	402.5	10.88	602.4	7,93	802.2	5.71						
7.5	26.65	207.3	18.40	407.5	10.84	607.5	7.91	807.5	5.67						
12.6	26.60	212.3	18.10	412.3	10.EJ2	612.3	7.86	812.7	5.64						
17.5	26.60	217.6	17.87	417.3	10.81	617.5	7.83	817.6	5.62						
22.4	26.59	222.5	17.62	422.4	10.79	622.6	7.81	822.5	5.59						
27.5	26.59	227.5	17.36	427.5	10.64	627.5	7.68								
32.4	26.60	232.5	17.15	432.5	10.46	632.3	7.53								
37.3	26.59	237.5	16.80	437.6	10.40	637.4	7.42								
42.5	26.59	242.4	16.51	442.6	10.29	642.6	7.24								
47.4	26.57	247.4	16.29	447.4	10.19	64?.4	7.18								
52.3	26.54	252.4	16.10	452.5	10.08	652.3	7.15								
57.5	25.38	257.4	15.86	457.5	10.03	657.4	7.11								
62.7	24.11	262.3	15.66	462.3	9.92	662.6	7.06								
67.5	23.75	267.3	15.29	467.4	9.73	667.4	6.99								
72.4	23.59	272.3	15.12	472.4	9.65	672.3	6.93								
77.7	23.23	277.3	14.81	477.5	9.55	677.5	6.89								
82.5	22.92	282.3	14.57	482.6	9.49	682.6	6.80								
87.4	22.64	287.3	14.46	487.4	9.43	687.5	6.75								
?2.3	22.52	292.6	14.21	492.5	9.37	692.3	6.69								
97.3	22.41	297.6	14.04	497.5	9.2?	697.5	6.62								
102.5	22.16	302.6	13.89	502.?	9.24	702.7	6.56								
107.4	21.93	307.6	13.66	507.4	9.17	707.5	6.50								
112.3	21.73	312.3	13.51	512.5	9.12	712.4	6.45								
117.5	21.53	317.3	13.26	517.3	?.04	717.2	6.43								
122.4	21.39	322.3	13.03	522.4	8.98	722.5	6.32								
127.4	21.32	327.3	12.83	527.5	8.90	727.7	4.27								
132.6	21.24	332.3	12.57	532.3	8.82	732.5	6.25								
137.5	21.21	337.4	12.33	537.4	8.72	737.4	6.20								
142.4	21.16	342.4	12.22	54'2.5	8.62	742.2	6.14								
147.4	21.07	347.4	12.18	547.3	8.52	747.5	6.09								
152.3	20.90	352.4	12.(16	552.4	8.38	752.7	6.05								
157.6	20.68	357.5	11.90	557.5	8.29	757.5	6.00								
162.5	20.42	362.5	11.79	562.3	8.25	762.4	5.97								
167.4	20.30	367.5	11.68	567.4	8.23	767.3	5.96								
172.4	20.06	372.6	11.52	5,72.4	8.20	772.2	5.95								
177.3	19.82	377.6	11.33	5,77.4	8.17	.777.4	5.91								
182.6	19.67	382.6	11.20	582.5	8.15	782.6	5.85								
187.5	19.4s	387.3	11.06	587.6	8.09	787,5	5.84								
192.5	19.31	392.4	10.96	592.4	8.03	792.4	5.81								
197.4	19.01	397.4	10.92	597.2	7.97	797. 3	5.78								

5 METER AVERAGED EXPENDABLE BATHYTHERMOGRAPH

PROBE T-7 CRUISE 88G05 STATION X88G05*20*1 DATE 18OCT88 GMT 1858 LAT 26 20.1 LON 94 45.1 OPERATOR

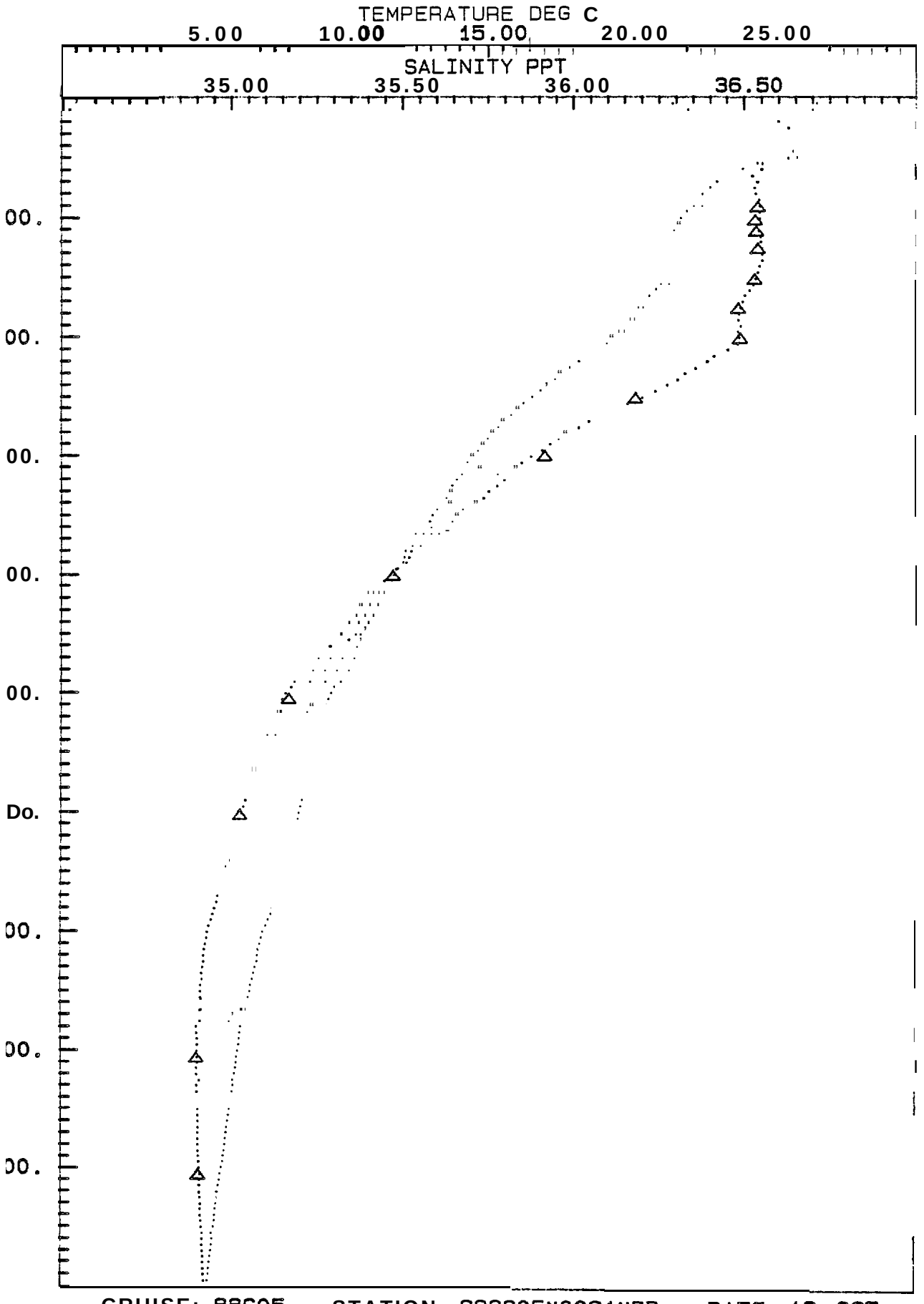
z	T	z	T	z	T	z	T	z	T	Z	T	Z	T	z	T
2.6	26.70	202.4	18.84	402.5	11.63	602.4	8.12	802.2	5.99						
7.5	26.57	207.3	18.65	407.5	11.50	607.5	8.01	807.5	5.94						
12.6	26.53	212.3	18.41	412.3	11.43	612.3	7.92	812.7	5.90						
17.5	26.52	217.6	19.20	417.3	11.30	617.5	7.88	817.6	5.87						
22.4	26.52	222.5	17.90	422.4	11.17	622.6	7.95	822.5	5.$32						
27.5	26.52	227.5	17.57	427.5	11.04	627.5	7.80								
32.4	26.52	232.5	17.16	432.5	10.93	632.3	7.75								
37.3	26.52	237.5	16.79	437.6	10.78	637.4	7.72								
42.5	26.51	242.4	16.45	442.6	10.64	642.6	7.68								
47.4	26.49	247.4	16.28	447'.4	10.55	647.4	7.60								
52.3	26.44	252.4	16.10	452.5	10.45	652.3	7.54								
57.5	25.83	257.4	15.90	457.5	10.39	657.4	7.49								
62.7	24.14	262.3	15.73	462.3	10.30	662.6	7.44								
6,7.5	23.45	267.3	15.40	467.4	10.22	667.4	7.34								
72.4	22.96	272.3	15.11	472.4	10.11	67'2.3	7.27								
77.7	22.73	277.3	14.94	477.5	10.05	677.5	7.1?								
82.5	22.47	282.3	14.86	482.6	9.96	682.6	7.10								
87.4	22.32	287.3	14.75	48,7.4	9.87	687.5	7.09								
92.3	22.15	292.6	14.59	492.5	9.713	692.3	7.07								
97.3	21.96	297.6	14.45	497.5	9.73	697.5	6.98								
102.5	21.83	302.6	14.23	502.3	?.67	702.7	6.8.7								
107.4	21.67	307.6	13.98	507.4	9.60	707.5	6.83								
112.3	21.55	312.3	13.84	512.5	9.54	712.4	6.80								
117.5	21.44	317.3	13.68	517.3	9.43	717.2	6.74								
122.4	21.35	322.3	13.60	522.4	9.31	722.5	6.64								
127.4	21.28	327.3	13.51	527.5	9.15	?27.7	6.57								
1?2.6	21.23	332.3	13.40	532.3	9.05	732.5	6.55								
137.5	21.21	337.4	13.26	537.4	9.00	737.4	6.50								
142.4	21.15	342.4	13.11	542.5	8.90	742.2	6.45								
147.4	21.06	347.4	12.99	547.3	8.86	747.5	6.42								
152.3	20.99	352.4	12.83	552.4	8.78	752.7	6.34								
157.6	20.90	357.5	12.71	557.5	8.72	757.5	6.31								
162.5	20.64	362.5	12.60	562.3	8.64	762.4	6.29								
167'.4	20.33	367.5	12.46	567.4	8.59	767.3	6.24								
172.4	20.14	372.6	12.33	572.6	8.50	772.2	6.19								
177.3	19.93	377.6	12.26	577.4	8.44	777.4	6.18								
182.6	19.78	382.6	12.16	582.5	8.36	782.6	6.14								
187.5	19.54	387.3	12.08	587.6	8.32	787.5	6.09								
192.5	19.30	392.4	11.96	592.4	8.23	792.4	6.05								
197.4	19.07	397.4	11.78	597.2	8.16	797.3	6.02								

STATION S88G05#0021*DD CRUISE 88G05 DATE 18 OCT GMT 11:50 AM LAT 26 39.7 LON 94 44.3 DEPTH OFFSET 0.0

DEPTH	TEMP	SALT	SIGMA-T	XSM
5.0	26.555	36.279	23.S26	8.87
10.0	26.398	36.325	23.910	8.87
15.0	26.485	36.450	23.977	8.88
20.0	26.558	36.591	24.060	8.8'3
25.0	26.566	36.619	24.079	8.90
30.0	26.551	36.620	24.084	8.90
35.0	26.518	36.618	24.094	8.%9
40.0	26.546	36.640	24.101	8.89
45.0	26.4S"3	36.628	24.112	8.89
50.0	25.857	"36,620	24,30'3	8.87
55.0	24.459	36.543	24.674	8.86
60.0	23.939	36.541	24,829	8.88
.55.0	23.461	36.518	24.952	8.88
70 0	2'3 .040	36.530	25.084	8.90
75.0	22.796	36.520	25, 147	8.90
80.0	22.545	36.523	25.223	8.90
85.0	22.355	36.533	25.284	8.90
90.0	22.193	36.535	25.3"32	8.90
95.0	21.962	36.534	25.396	8.90
100.0	21.787	'36.535	25,447	8.92
105.0	21.61S	36.533	25.492	8.92
110.0	21.504	36.53'2	25.523	8.93
115.0	21.433	"36.537	25.54:7	8.94
120.0	21.391	36.538	25.559	8.94
125.0	21.355	36,541	25,571	8.95
130.0	21.338	36.541	25,576	8.95
135.0	21.319	36.542	25.582	8.96
140.0	21.273	36,5"35	25.5S'3	8.96
145.0	21.214	36.530	25.602	8.96
150 0	2' 1.146	36.523	25.618	8.96
155.0	'21.036	35,517'	25.641	8.97
160.0	20.880	36.507	25.675	8.96
165.0	20.660	36.491	25.723	8.97
171]0	20.440	36.484	25.778	8.97
175.0	20,281	36.479	25.816	8.97
180.0	20.146	36.474	25.849	8.97
185.0	19.994	36.473	25.888	8.97
190.0	19.781	36.479	25.950	8,97
195.0	19.599	36.472	25.992	8.97
200.0	19.341	36,475	26.062	8.97
205.0	19,132	36.470	26.113	8.97
210.0	18.811	36.443	26.175	8.97
215.0	18.433	36,402	26.239	8.97
220.0	18.181	36.384	26,289	8.97
225.0	17.869	36.348	26,338	8.97
230.0	17.583	36.318	26.386	8.96
235.0	17.327	36.294	26.430	8.96
240.0	17.093	36.264	26.464	8.96
245.0	16.825	36.229	26.501	8.97
250.0	16.544	36.192	26.539	8.96
255.0	16.253	36.149	26.574	8.96
260.0	16.084	36.117	26 .589	8.96
265.0	15.770	36.081	26,633	8.95
270.0	15,508	36.035	26.658	8,,35
275.0	15.320	36.007	26 .6:78	8.96
280.0	15.054	35.96:3	26. 708	8.96
285.0	14.949	35.947	26.714	8.96
290.0	14.778	35.922	26,7"3"3	8.96
295.0	14.620	35.898	26.749	8.96
300.0	14,"399	35.867	26.773	8.95
305.0	14.251	35.840	26,7134	8.96
310.0	14.188	35.828	26.738	8.96
315.0	14.050	35.309	26.802	0.96
320.0	13.910	35.787	26.816	8.96
325.0	13.758	35,766	26.831	8.96
330.0	13.600	35.?43	26.846	8.96
335.0	13.520	35.729	26.852	8.96
340.0	13,3.97	35.710	26.863	8.96
345.0	13.184	35.684	26.886	8.95
350.0	13.042	35.655	26.893	8.95
355.0	12.966	35.642	26.898	8.95
360.0	12.849	35.6'26	26.909	8.96
365.0	12.632	35.594	26.927	8.96
"370 .0	12,4'25	35.563	26.945	8.95
375.0	12.318	35.541	26.949	8.95
380.0	1212'2	35.51-	26.968	8.95
385.0	12.085	3'5.511	26.970	8.95
390.0	12.023	35.502	'26.975	8.95
395.0	11.844	35.473	26.987	8.95
400.0	11,701	35 .455	27.001	8.95
405.0	11.630	35.438	27.001	8.95
410.0	11.414	35.409	27.019	8.95
415.0	11.263	35.391	27.032	8.95
420.0	11.168	35.371	27.034	8.95
425.0	11.099	35<365	27.042	9.95
430.0	11,025	35.354	27.048	8.95
435.0	10.929	35.343	27.056	8.95
440.0	10.856	35,3"32	27.061	8.95
445.0	10.766	35.323	27. 070	8.95
450.0	10.674	35,307	27'.074	8.95
455.0	10.574	35.293	27.081	8.95
460.0	10.465	35,280	27.090	8.95
465.0	10.363	35.26"3	27.095	8.95
4?0 .0	10.208	35.244	27.107	8.95
475.0	10.164	35,239	27.111	8.95
480.0	10.071	35.227	27.118	8.95
485.0	9.874	35.202	27.132	8.94
490.0	9.716	35.174	27.136	8.94
495.0	9.589	35>166	27.152	8,94
500.0	9.487	35.150	27.156	8.94
505.0	9.387	35.140	27.165	8.94
510.0	9.313	35.130	27.170	8.95
515.0	9.253	35.125	27,17S	8.94
520.0	9.178	'35.114	27.179	8.94
525.0	9.162	35.110	27.178	8.94
530.0	9.110	35.104	27.182	8.94
535.0	9.035	35.094	27.187	8.94
540.0	8.959	35. 088	27.194	8.94
545.0	8.917	35.081	27.196	8.94
550.0	8.862	35.076	27.200	8.93
555,0	8.807	35.071	27.205	8.94
560.0	a. 743	35!062	27.207	8.94
565.0	8.673	35.054	27.213	8.94
570.0	8.6'38	35.051	27.216	8.94
575.0	8.617	35.048	27.217	8.94
580.0	8.560	35, 043	27.222	8.94
535.0	8.521	35.037	27.224	8.94
590.0	8.473	35.032	27,227	8.95
595.0	8.410	35.027	27.233	8.95
600.0	8.36'2	35.0'21	27.236	8.95
605.0	8.328	35.016	27.237	8.95
610,0	8.292	35.013	'22,'240	8.95
615.0	8.254	35.009	27.243	8.95
620.0	8.198	35.00?	27.249	8.95
625.0	8.161	35.002	27.251	8.95
630.0	8.129	34.999	27.254	8.95
635.0	8.056	34.992	27.260	8.95
640.0	7.970	34.985	27.267	8.95
645.0	7.894	34.977	27 272	8.96
650.0	7.866	34.974	27.274	8.96
655.0	7.803	34.970	27. 281	8.96
660.0	7.729	34.962	27.286	8.95
665.0	7.639	34.956	27.293	8.96
670.0	7.585	34,'350	27.296	8.96
675.0	7.504	34.947	27.306	8.96
680.0	7.421	34.340	27.313	8.96
685.0	7.369	34,9'36	27 .316	8.96
690.0	7.280	34.931	27.325	8.96
695.0	?.193	34.924	27.332	8.96
700.0	7.085	34.920	27,344	8.96
705 0	7,039	34.918	27.349	8.96
710.0	6.997	34.914	27.352	8.96
715,0	6.9"35	34.'211	27.358	8.96
720.0	6.911	34.910	27.361	8.96
725 0	6.902	34.910	27.361	8.96
730.0	6.827	34.907	27,369	8.96
735.0	6,777	34.904	27,374	8.96
740.0	6.747	34.905	27.379	8.97
745 0	6.677	34.901	27.385	8.97
750.0	6.653	34.500	27.388	8.97

STATION S88G05*0021*DD CRUISE 88G05 DATE 18 OCT GMT 11:50 AM LAT 26 39.7 LON 9444.3 DEPTH OFFSET 0.0

DEPTH	TEMP	SALT	SIGMA-T	XSM
755.0	6.590	34.900	27.397	8.97
760.0	6.518	34.895	27,402	8.97
765.0	6.467	34.895	27.409	8.97
770.0	6.414	34.895	27.416	8.97
775.0	6.376	34.893	27.419	8.97
780.0	6.329	34.890	27.423	8.97
785.0	6.291	34.890	27.428	8.97
790.0	6.268	"34.1391	27.433	8.97
795.0	6.247	34.891	27.435	8.97
800.0	6.209	34.891	27.440	8.97
805.0	6,1'77	34.892	27.444	8.97
810.0	6.157	34.892	27.447	8.97
815.0	6.151	34.891	27.448	8.97
820.0	6.119	34.891	27.451	8.97
825.0	6.072	34.892	27.458	8.97
830.0	6.047	34.892	27.461	9.97
835.0	6.019	34.892	27.465	8.97
840.0	5.998	34.892	27.468	8.98
845.0	5.979	34.892	27.470	8.97
850.0	5.934	34.893	27.477	8.97
855.0	5.905	34.893	27.481	8.97
860.0	5.861	34.894	27.486	8.97
865.0	5.826	34.894	27.491	8.97
870.0	5.809	34.8'35	27.494	8.97
875.0	5.785	34.895	27.497	8.97
880.0	5,765	34.895	27.500	8.97
885.0	5.742	34.895	27.503	8.97
890.0	5.720	34.8'36	27.506	8.97
895.0	5.700	34.897	27.510	,3.97
900.0	5.656	34.898	27.516	8.98
905.0	5.612	34.900	27.523	8.96
910.0	5.580	34.900	27.527	8.98
915.0	5.553	34.900	27.530	8.98
920.0	5.524	34.900	27.533	8.98
925.0	5.500	34.901	2?.538	8.98
930.0	5,467	34.902	27.542	8.98
935.0	5.448	34.90'3	27.545	8.98
940.0	5,435	34.903	27.547	8.98
945.0	5.405	34.904	27.552	8.98
950.0	5374	34.905	27.556	8.9:3
955.0	5.350	34.907	27.560	8.98
960.0	5.333	34.907	27.563	8.98
965.0	5.316	34.907	27.564	8.98
970.0	5,288	34.908	27.569	8.99
975.0	5.263	34.910	27.5?3	8.99
980.0	5.241	34.910	27.576	8.99
985.0	5.226	34.911	27.578	8.99
990.0	5,211	34,911	27.580	8.99
995.0	5.184	34.913	27.584	8.93
1000.0	5, 156	34.914	27.589	8.98
1005.0	5.144	34.914	27.591	8.98
1010.0	5.131	34.'315	27.592	8,9:3
1015.0	5.114	34.915	27,595	8.98
1020.0	5. 087	34.916	27.599	8.9:3
1025.0	5.064	34.918	27.603	8.98
1030.0	5.051	34.918	27'.605	8.99
1035.0	5.031	34.919	27.608	8.99
1040.0	5.017	34.919	27.610	8.98
1045.0	5.008	34.920	27.611	8.99
1050.0	4.994	34.920	27.613	8.99
1055.0	4.972	34. 922	27.617	8.99
1060.0	4.949	34.922	27.620	8.99
1065.0	4.943	34.922	27.620	8.99
1070.0	4.920	34.925	27.6'25	8.99
1075.0	4.902	34.924	27.627	8.99
1080.0	4.880	34.926	27.631	8.99
1085.0	4.862	34.927	27.633	8,99
1090.0	4.838	34.928	27.637	8.99
1095.0	4,823	34.929	27.639	8.99
1100.0	4.809	34.929	27.641	8.99
1105.0	4.789	34.930	27.645	8.99
1110.0	4.778	34.931	27.646	8.99
1115.0	4.7'74	34.931	27.647	8.99
1120.0	4.762	34.932	27.649	8.99
1125.0	4. 745	34.333	27.652	8.99
1130.0	4.729	34."333	27,654	8.99
1135.0	4.725	34.933	27.654	8.99
1140.0	4,720	34.934	27.655	8.99
1145.0	4.705	34.934	27.657	8.99
1150,0	4.688	34.935	27.660	8.99
1155.0	4.675	34.936	27.662	8.99
1160.0	4.647	34.938	27.66?	8.99
1165.0	4.636	34.938	27.668	8.99
1170.0	4.620	34.93'3	27.671	8.99
1175.0	4.598	34.940	27.674	8.99
1180.0	4.589	34.940	27.675	3.99
1135.0	4.581	34.941	27.677	8.99
1190.0	4.568	34.941	27.678	8.99
1195.0	4.556	34.942	'2'7.s$0	9.00
1200.0	4.545	34.943	27.682	9.00
1205.0	4.530	34.944	27..S84	9.00
1210.0	4.517	34.945	27.687	9.00
1215.0	4.507	34.945	27.688	9.00
1220.0	4.502	34.945	27.688	9.00
1225.0	4.496	34.945	27.689	9.00
1230.0	4.490	34.945	27.690	9.00
1235.0	4.483	34.946	27.691	9.00
1240.0	4,469	34.947	27.694	9.00
1245,0	4.455	34.948	27.696	9.00
1250.11	4.452	34.948	27,6,36	9.00
125s.0	4.448	34.948	27.697	9.00
1260.0	4.440	34.948	27.698	9.00
1265.0	4.432	34349	27.699	9.00
1270.0	4.422	34.949	27.701	3.00
12-5.0	4.411	34.950	27.702	9.00
1280.0	4.403	34.950	27.704	9.00
1285.0	4.400	34.950	27.704	9.00
1290.0	4.393	34.951	27.705	9.00
1295.0	4.382	34.951	27.707	3.00
1300.0	4. 376	34.952	27.708	9.00
1305.0	4, 372	34.952	27.708	9.00
1310.0	4.366	34.952	27.709	9.00
1315.0	4.364	34.952	27.710	9.00
1320.0	4.360	34.952	27.710	9.00
1325.0	4.355	34,953	27,711	9.00
1330.0	4.348	34.953	27,712	9.00
1335.0	4.342	34.'353	27,713	9.00
1340.0	4.318	34.955	27,717	9.00
1345.0	4.303	34.9515	'27.719	9.00
1350.0	4.301	34.956	27.719	9.00
1355.0	4.299	34,9'36	27.719	9.00
1360.0	4.295	34.956	27.720	9.00
1365.0	4.288	34.'356	27.721	9.00
1370.0	4.282	34.957	27.722	9.00
1375.0	4.278	34,957	27.722	9.00
1380.0	4.276	34,957	27.723	9.00
1385.0	4.274	34.957	27.723	9.00
1390.0	4.272	34,957	27.723	9.00
1'395.0	4.26'3	34.957	27.724	9.00
1400.0	4.263	34.958	27.725	9.00
1405.0	4.261	34.958	27.725	9.00



CRUISE: 88G05 STATION: S88G05*0021*DD DATE: 18 OCT
GMT: 11: 50 A M LATITUDE: 26 39.7 . LONGITUDE: 94 44.3

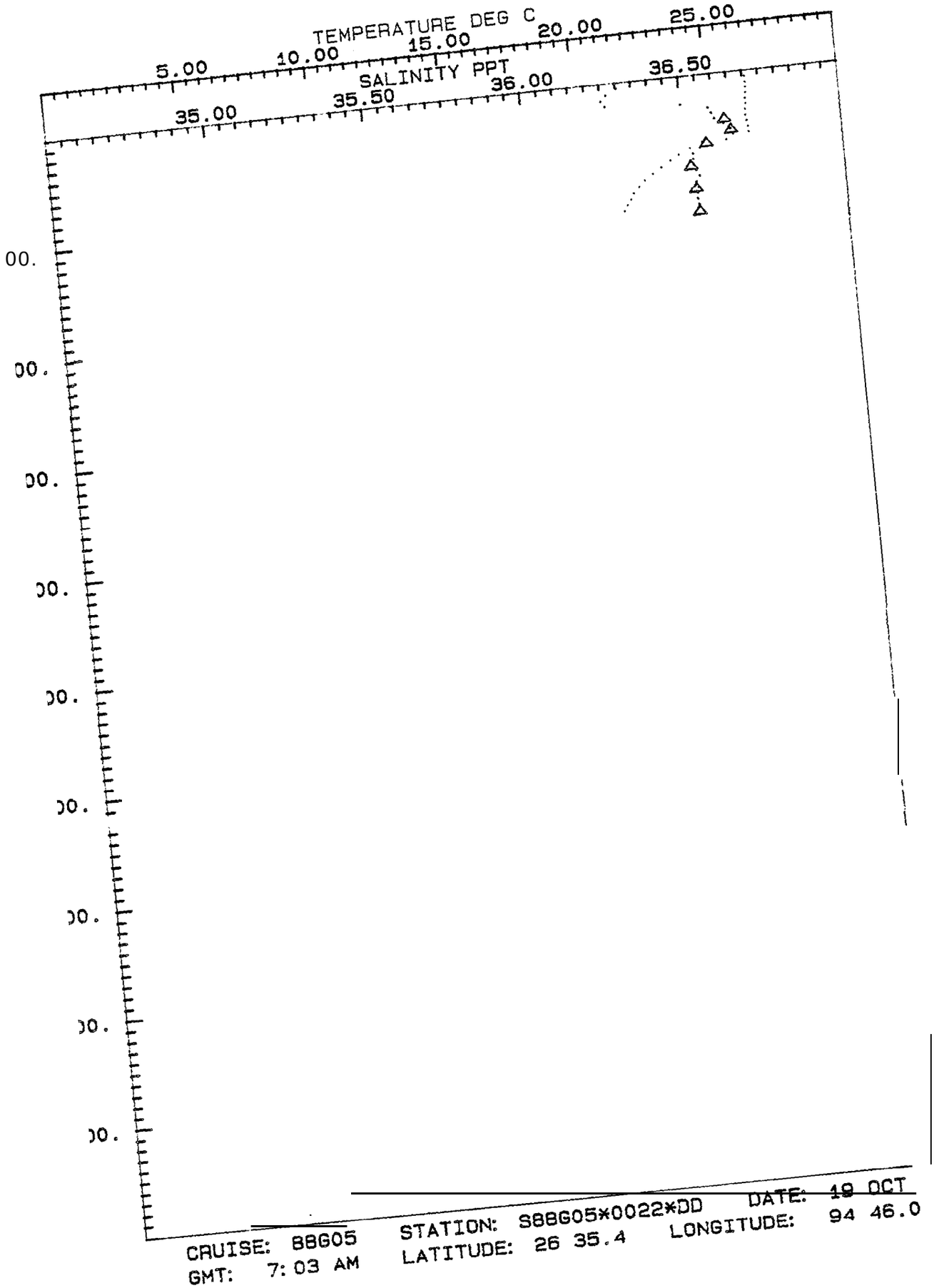
5 METER AVERAGED EXPENDABLE BATHYTHERMOGRAPH

PROBE T-7 CRUISE 88G05 ST.4TION X88G05*21*1 DATE 18OCT88 GMT 2124 LAT 26 39.9 LON 94 45.2 OPERATOR

z	T	z	T	z	T	z	T	z	T	z	T	z	T	z	1
2.6	26.68	202.4	19.21	402.5	11.70	602.4	8.21	802.2	6.17						
7.5	26. 42	207.3	18.88	407.5	11.62	607.5	8.17	007.5	6.13						
12.6	26.37	212.3	18.60	412.3	11.47	612.3	8.13	812.7	6.07						
17.5	26.48	217.6	18.30	417.3	11.38	617.5	8.08	817.6	6.02						
22.4	26.50	222.5	1s.04	422.4	11.19	622.6	8.07	822.5	5.98						
27.5	26.50	227.5	17.81	427.5	11.06	627.5	8.01								
32.4	26.52	232.5	17.54	432.5	10.98	632.3	7.96								
37.3	26.52	237.5	17,20	437.6	10.84	637.4	7.91								
42.5	26.52	242.4	16.91	442.6	10.77	642.6	7.84								
47.4	25.24	247.4	16,70	447.4	10.64	647.4	7.80								
52.3	23.81	252.4	16.37	452.5	10.51	652.3	7.75								
57.5	23.32	257,4	16.13	457.5	10.36	657.4	7.64								
62.7	23.09	262.3	15.85	462.3	10.28	662.6	7.51								
67.5	22.88	267.3	15.63	467.4	10.16	667.4	7.42								
72.4	22.61	272.3	15.44	472.4	10.07	672.3	7.34								
77.7	22.38	2.7.7.3	15.10	477.5	10.04	677.5	7.26								
82.5	22.21	282.3	14.93	482.6	10.02	682.6	7.21								
87.4	22.03	287.3	14.72	487.4	10.00	687.5	7.16								
92.3	21.85	292.6	14.56	492.5	9.86	692.3	7.12								
97.3	21.73	297.6	14.39	497.5	9.71	697.5	7.07								
102.5	21.59	302.6	14.20	502.3	9.58	7112.7	7.01								
107.4	21.48	307.6	14.05	507.4	9.46	707.5	6.97								
112.3	21.39	312.3	13.94	512.5	9.39	712.4	6.92								
117.5	21.32	317.3	13.89	517.3	9.28	717.2	6.88								
122.4	21.29	322.3	13.75	522.4	9.18	722.5	6.83								
127.4	21.26	327.3	13.56	527.5	9.11	727..7	6 .7,4								
132.6	21.24	332.3	13.46	532.3	8.98	,732.5	6.72								
137.5	21.20	337.4	13.32	537.4	8.92	737.4	6.71								
142.4	'21.15	342.4	13.13	542.5	8.88	742.2	6.71								
147.4	21.02	347.4	13.01	547.3	8.82	74 .7,5	6.69								
152.3	20. 85	35'2.4	12.88	552.4	8.77	752.7	6.65								
157.6	20.63	357.5	12.72	557.5	8.69	757.5	6.58								
162.5	20.42	362.5	12.59	562.3	8.60	762.4	6.53								
167.4	20.28	36?.5	12.42	567.4	0.54	767.3	6.49								
172.4	20.13	372.6	12.32	572.6	8.47	772.2	6.41								
177.3	20.01	377.6	12.31	977.4	8.41	777.4	6.39								
182.6	19,86	382.6	12.14	582.5	8.36	782.6	6.33								
187.5	19.68	387.3	11.98	507.6	8.31	787.5	6.27								
192.5	19.46	392.4	11.88	592.4	8.27	792.4	6.23								
197.4	19.32	397.4	11.81	597.2	8.24	797.3	6.19								

STATION S88G05*0022*DD CRUISE 88G05 DATE 19 OCT GMT 2:03 AM LAT 26 35.4 LON 94 46.0 DEPTH OFFSET 0.0

DEPTH	TEMP	SALT	SIGMA-T	XSM	DEPTH	TEMP	SALT	SIGMA-T	XSM	DEPTH	TEMP	SALT	SIGMA-T	XSM
5.0	26.507	36.294	23.852	8.89										
10.0	26.509	36.259	23.825	8.89										
15.0	26.509	36.243	23.813	8.89										
.21],1]	26.504	36.255	23.824	8.89										
25.0	26.468	36.492	24.014	8.90										
30.0	26.480	36.578	24.075	8.91										
35 cl	26.437	36.587	24.096	8.91										
41].1]	26.428	36.595	24.104	8.91										
45.0	26.461	36.622	24.114	8.91										
50.0	26.493	36.642	24.120	8.91										
55.0	26.498	26,64$3	24.124	8.91										
60.13	25.630	36.550	24.321	8.89										
65.0	24.244	36, '543	24.739	8.89										
70.0	23.793	36.519	24,855	8.89										
75.0	23.460	36.518	24.9'53	8.90										
80.0	23.085	:36518	25.062	8.90										
85.0	22.755	36.524	25.163	8.90										
90.0	22.425	36.533	25.264	8.91										
95.0	22.199	36.521	25.319	8.91										
10 I]. I)	21.978	36,527	25.386	8.91										
105.0	21.849	36.525	25.421	8.92										
110.0	21.701	36.523	25,461	8.93										
115.0	21.579	36.524	25.496	8.94										


TEMPERATURE DEG C
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CRUISE: 88G05
STATION: S88G05*0022*DD
LONGITUDE: 94 46.0
GMT: 7:03 AM
LATITUDE: 26 35.4

STATION S88G05*0023*DD CRUISE 88G05 DATE 19 OCT GMT 11:11 AM LAT 26 33.1 LON 94 46.2 DEPTH OFFSET 0.0

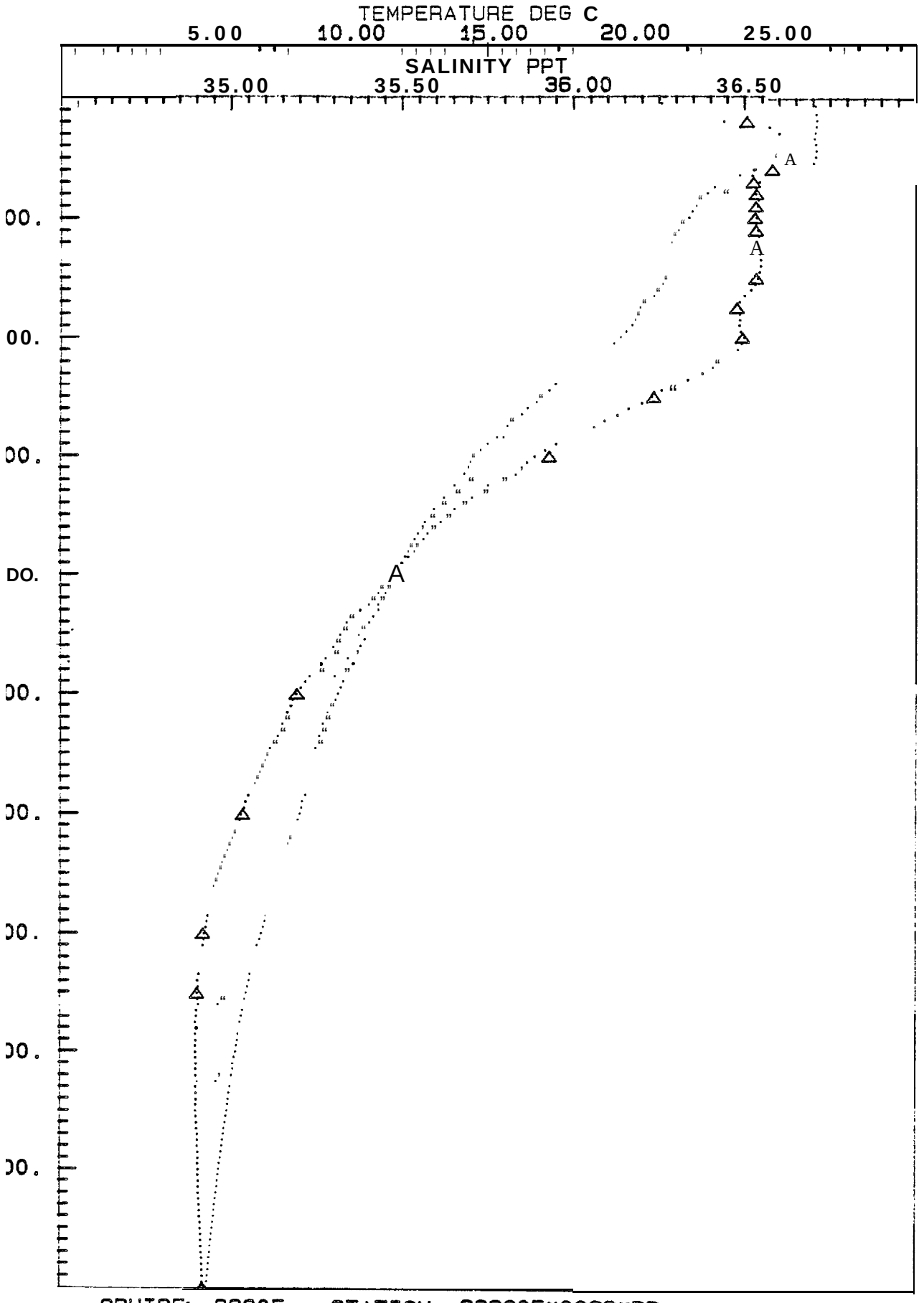
DEPTH	TEMP	SALT	SIGMA-T	XSM
5.0	26.484	36.247	23.825	8.90
10.0	26.478	36.247	23.826	8.90
15.0	26.481	36.248	23.825	8.90
20.0	26.506	36.430	23.956	8.90
25.0	26.495	36.563	24.059	8.92
30.0	26.455	36.591	24.093	8.92
35.0	26.437	36.603	24.108	8.92
40.0	26.479	36.632	24.117	8.92
45.0	26.497	36.644	24.119	8.92
50.0	26.484	36.643	24.123	8.92
55.0	26.415	36.645	24.146	8.91
60.0	24.381	36.517	24.677	8.90
65.0	23.820	36.513	24.842	8.90
70.0	23.250	36.534	25.026	8.91
75.0	22.931	36.524	25.112	8.91
80.0	22.703	36.523	25.177	8.91
85.0	22.459	36.530	25.252	8.91
90.0	22.297	36.529	25.297	8.92
95.0	22.137	36.529	25.343	8.92
100.0	22.041	36.524	25.366	8.92
105.0	21.843	36.523	25.421	8.93
110.0	21.651	36.528	25.479	8.94
115.0	21.555	36.531	25.508	8.94
120.0	21.443	36.533	25.541	8.95
125.0	21.382	36.533	25.558	8.95
130.0	21.351	36.534	25.567	8.96
135.0	21.334	36.537	25.574	8.96
140.0	21.320	36.537	25.578	8.96
145.0	21.286	36.534	25.585	8.97
150.0	21.240	36.529	25.594	8.97
155.0	21.148	36.521	25.614	8.97
160.0	21.008	36.510	25.643	8.97
165.0	20.813	36.490	25.681	8.97
170.0	20.515	36.475	25.750	8.97
175.0	20.331	36.476	25.801	8.97
180.0	20.281	36.475	25.813	8.97
185.0	20.170	36.476	25.844	8.97
190.0	20.059	36.473	25.872	8.98
195.0	19.850	36.477	25.930	8.97
200.0	19.662	36.487	25.988	8.98
205.0	19.425	36.479	26.043	8.98
210.0	18.995	36.468	26.146	8.98
215.0	18.563	36.434	26.230	8.98
220.0	18.357	36.415	26.268	8.98
225.0	18.150	36.397	26.306	8.98
230.0	17.886	36.366	26.348	8.98
235.0	17.630	36.326	26.380	8.98
240.0	17.347	36.289	26.421	8.98
245.0	17.147	36.251	26.441	8.98
250.0	16.903	36.221	26.476	8.98
255.0	16.706	36.192	26.500	8.93
260.0	16.367	36.151	26.549	8.93
265.0	16.179	36.120	26.569	8.93
270.0	15.902	36.079	26.602	8.93
275.0	15.659	36.050	26.635	8.98
280.0	15.545	36.025	26.641	8.98
285.0	15.292	35.992	26.673	8.93
290.0	14.971	35.938	26.703	8.93
295.0	14.732	35.907	26.731	8.98
300.0	14.507	35.877	26.757	8.97
305.0	14.375	35.854	26.768	8.97
310.0	14.294	35.840	26.774	8.97
315.0	14.158	35.820	26.788	8.97
320.0	14.006	35.798	26.803	8.97
325.0	13.787	35.769	26.827	8.97
330.0	13.661	35.741	26.832	8.97
335.0	13.435	35.704	26.851	8.97
340.0	13.225	35.679	26.875	8.97
345.0	13.068	35.654	26.887	8.97
350.0	12.908	35.632	26.902	8.97
355.0	12.763	35.604	26.909	8.97
360.0	12.639	35.593	26.926	8.97
365.0	12.528	35.573	26.932	8.97
370.0	12.405	35.554	26.942	8.97
375.0	12.302	35.538	26.949	8.97
380.0	12.204	35.525	26.958	8.97
385.0	12.090	35.506	26.966	8.97
390.0	11.965	35.490	26.977	8.97
395.0	11.896	35.478	26.981	8.97
400.0	11.830	35.468	26.986	8.97
405.0	11.716	35.453	26.996	8.97
410.0	11.604	35.438	27.005	8.97
415.0	11.515	35.420	27.008	8.97
420.0	11.410	35.408	27.018	8.97
425.0	11.304	35.392	27.026	8.97
430.0	11.142	35.368	27.037	8.97
435.0	10.965	35.344	27.051	8.97
440.0	10.870	35.328	27.055	8.97
445.0	10.803	35.315	27.057	8.97
450.0	10.721	35.309	27.067	8.97
455.0	10.662	35.302	27.073	8.97
460.0	10.540	35.288	27.083	8.97
465.0	10.507	35.283	27.085	8.97
470.0	10.447	35.266	27.082	8.96
475.0	10.286	35.254	27.102	8.96
480.0	10.167	35.237	27.109	8.96
485.0	10.030	35.218	27.117	8.96
490.0	9.928	35.208	27.127	8.96
495.0	9.846	35.194	27.131	8.96
500.0	9.755	35.182	27.136	8.96
505.0	9.680	35.173	27.142	8.96
510.0	9.613	35.165	27.147	8.96
515.0	9.547	35.157	27.152	8.96
520.0	9.502	35.151	27.154	8.96
525.0	9.426	35.140	27.159	8.96
530.0	9.362	35.134	27.165	8.96
535.0	9.319	35.127	27.166	8.96
540.0	9.229	35.118	27.174	8.96
545.0	9.122	35.104	27.181	8.96
550.0	9.087	35.100	27.183	8.96
555.0	9.023	35.093	27.188	8.97
560.0	8.962	35.085	27.191	8.96
565.0	8.919	35.078	27.193	8.96
570.0	8.859	35.072	27.198	8.97
575.0	8.774	35.063	27.204	8.97
580.0	8.697	35.057	27.211	8.97
585.0	8.599	35.043	27.216	8.97
590.0	8.488	35.035	27.227	8.96
595.0	8.457	35.031	27.229	8.96
600.0	8.404	35.022	27.230	8.96
605.0	8.334	35.018	27.238	8.97
610.0	8.278	35.009	27.239	8.97
615.0	8.188	35.005	27.250	8.97
620.0	8.112	34.998	27.255	8.96
625.0	8.021	34.990	27.263	8.96
630.0	7.937	34.982	27.270	8.96
635.0	7.869	34.976	27.275	8.96
640.0	7.777	34.966	27.281	8.97
645.0	7.731	34.963	27.285	8.97
650.0	7.633	34.955	27.293	8.97
655.0	7.563	34.952	27.301	8.97
660.0	7.487	34.943	27.305	8.97
665.0	7.437	34.941	27.311	8.97
670.0	7.385	34.937	27.315	8.97
675.0	7.316	34.931	27.320	8.97
680.0	7.286	34.928	27.322	8.97
685.0	7.222	34.925	27.329	8.97
690.0	7.176	34.922	27.333	8.97
695.0	7.127	34.919	27.337	8.97
700.0	7.053	34.914	27.344	8.98
705.0	7.002	34.913	27.351	8.97
710.0	6.915	34.910	27.360	8.97
715.0	6.838	34.905	27.366	8.97
720.0	6.798	34.904	27.371	8.97
725.0	6.774	34.902	27.373	8.98
730.0	6.710	34.900	27.380	8.98
735.0	6.672	34.899	27.385	8.98
740.0	6.649	34.896	27.385	8.98
745.0	6.594	34.897	27.394	8.98
750.0	6.542	34.895	27.399	8.98

STATION S88G05*0023*DD CRUISE 88G05 DATE 19 OCT GMT 11:11 AM LAT 26 33.1 LON 94 46.2 DEPTH OFFSET 0.0

DEPTH	TEMP	SALT	SIGMA-T	XSM
755.0	6.488	34,895	27.406	8.98
760.0	6.433	34.894	27.411	8.98
765.0	6.409	34.992	27.414	8.98
770.0	6.371	34.892	27.419	8.98
775.0	6,32"3	34.889	27,423	8.98
780.0	6.276	34.891	27.431	8.98
785.0	6.249	34.890	27.434	8.98
790,0	6,229	34.890	27.437	8.98
795 0	6.203	34.889	27,439	8.98
800.0	6.170	34.890	27.444	8.98
805.0	6.116	34.888	27.450	8.98
810.0	6.071	34.889	27.456	8.98
815.0	6.047	34.890	27.460	8.98
820.0	6.009	34.890	27.465	8.98
825.0	5.976	34.890	27.469	8.98
830.0	5.955	34.889	27.470	8.98
835.0	5.927	34,8'30	27.475	8.98
840,0	5.903	'34.891	27.479	8.98
845.0	5.889	34.890	27.4S0	8.98
850.0	5.867	34.890	27.483	8.98
855.0	5.841	34.890	27.487	8.98
860.0	5.805	34.891	27.491	8.98
8650	5.771	34.892	27.497	8.98
870 0	5.736	34.894	27.502	8.98
875 0	5.713	34.894	27.5116	8.98
880.0	5.692	34.893	27,5(J7	8.98
885 0	5.660	34.895	27.513	8.98
890.0	5.635	34.895	27.516	8.98
895.0	5.604	34.895	27.520	8.98
900.0	5.s75	34.8'36	27.524	8.98
905 0	5.559	34.896	27.526	8.98
910.0	5.538	34.898	27.530	8.98
915.0	5.530	34.897	27.531	8.98
920.0	5.500	"34.897	27.535	8.98
925.0	5.474	34.899	27.539	8.98
930.0	5.444	34.900	27.543	8.98
935.0	5433	34.900	27.545	8.98
940.0	5.415	34.901	27.547	8.98
945.0	5.389	34.904	27.553	8.99
'350, 0	5.367	34.'303	2?.555	8.98
955.0	5.342	"34.905	27,560	8.98
960.0	5.316	34,905	27.563	8.98
965.0	5.299	34.906	27.566	8.99
970.0	5.284	34.907	27.568	8.99
975.0	5.264	34.908	27,572	8.99
980.0	5.251	34.909	27.573	8.99
9:35.0	5,233	34.909	27,576	8.99
990,0	5.213	34.910	27.579	8.99
995.0	5.191	34.910	27.582	8.99
1000.0	5.157	34.913	27.588	8.99

DEPTH	TEMP	SALT	SIGMA-T	XSM
1005.0	5.131	34.914	27.592	8.99
1010.0	5.127	34.914	27.592	8.99
1015.0	5.117	34.913	27.593	8.99
1020.0	5.101	34.915	27.596	8,99
102s.0	5.087	34.915	27.598	8.99
10"30.0	5.066	34.916	27.601	8.99
111.35.0	5.045	34.917	27.604	8.99
1041).O	5.028	34.918	27.607	8.99
1045.0	5.016	34,918	27.609	8.99
1050.0	4.995	34.919	27,612	8.99
1055.0	4.962	34.920	27.617	3.99
1060.0	4.943	34.922	27.620	8.99
1065.0	4.923	34.923	27,623	8.99
1070.13	4.909	34,923	27.625	8.99
1075.0	4>888	34.924	27.629	8.99
1080.0	4.866	34.926	27,632	8,99
1OB5.(I	4.853	34,926	27.634	8.99
10'30.0	4.842	34.926	27.635	8.99
1095.0	4.829	34.927	2'7.6'37	8.99
1100.0	4.820	34.927	27.638	9.00
1105.0	4.808	34.928	27.641	9.00
1110.0	4792	34.929	27.643	9.00
1115.0	4,775	34.930	27.646	8.99
1120.0	4.768	34.930	27.647	8.99
1125.0	4.759	34.930	27.648	8.99
1130.0	4.753	34.930	27.649	9.00
1135.0	4.752	34.931	27.649	9.00
1141).0	4.740	34.931	27.651	9.00
1145.0	4.728	34.932	27.653	9.00
1150,0	4.706	34.933	27.656	9.00
1155.0	4.691	34.934	27.659	9 00
1160.0	4.672	34.935	27.661	9 00
1165.0	4.649	34.937	27.665	9.00
1170.0	4.629	34.938	27.668	9.00
1175.0	4.621	34.937	27.669	9.00
1180.0	4.612	34.938	27.671	9.00
1185.0	4.609	34.938	27.67'1	9.00
1190.0	4.585	34.939	27.675	9.00
1195.0	4,576	34.940	27 .676	9.00
1200.0	4.568	34.940	27.677	9.00
1205.0	4.559	34.941	27.679	9.00
1210,0	4.545	34.942	27.681	9.00
1215.0	4.535	34.942	27.682	9.00
1220.0	4.523	34,942	27.684	'3.00
1225.0	4.510	34.343	27.686	9.00
1230.0	4.502	34.943	27.687	9.00
123S.0	4.494	34.944	27,6813	9.00
1240.0	4.486	34.944	27.690	9.00
1245.0	4.481	34.945	27.691	9.00
1250.0	4,477	34.945	27.691	9.00

DEPTH	TEMP	SALT	SIGMA-T	XSM
1255.0	4.472	34.945	27.692	9.00.
1260.0	4.463	34.946	27.693	9.00
1265.0	4.455	34.946	27.695	9.00
1270.0	4.448	34,947	27.696	9.00
1275.0	4.442	34.947	27.697	9.00
1280.0	4.433	34.948	27.698	9.00
1285.0	4.428	34.947	27.698	9.00
1290.0	4.418	34.948	27.700	9>00
1295.0	4.413	34.948	27.701	9.00
1300.0	4.405	'34.949	27,702	9.00
1305.0	4.398	34.949	27.703	9.00
1310.0	4.395	34.949	27.704	9.00
1315.0	4.385	34.950	27.706	9.00
1320.0	4.374	'34.951	27.707	9.00
1325.0	4.372	34.950	27,707	9.00
1330.0	4.361	34.951	27.709	9.00
1335.0	4.360	34.951	27.709	9.00
1340.0	4.360	34.951	27.709	9.00
1345.0	4.354	34.951	27.709	9.00
1"350,0	4.342	34.952	27.712	9.00
1355 0	4.338	34.952	27.712	9.00
1360.0	4.334	34.'953	27.713	9.01
1365.0	4.331	34.952	27.713	9.01
1370.0	4.3311	34.953	27.714	9.01
1375.0	4.324	34.953	27.715	9.00
1380.0	4.316	34.954	27.716	9.01
1385.0	4.308	34.954	27.717	9.01
1390.0	4.304	34.954	27.718	9.01
1395.0	4.297	34.954	27.719	9.01
1400.0	4.291	34.955	27 720	9.01
1405.0	4.287	34.955	27.720	9.01
1410.0	4.283	34.955	27.721	9.01
1415.0	4 280	34 956	27.721	9.01
1420.0	4 277	34.956	27 722	9.01
1425.0	4, 276	34.956	27.722	9.01
14311.0	4, 273	34.956	27.722	9.01
1435.0	4.271	34.956	27. 723	9.01
1440.0	4.271	34.956	27.722	9.01
1445.0	4.270	34.956	27,72'3	9.01
1450.0	4.268	34.956	27,723	9.01
1455.0	4,267	34.956	27.723	'3.01
1460.0	4.265	34.956	27,724	9,01
1465.0	4.263	34.957	27,7'24	9.00
1470.0	4.261	34.957	27,724	9.00
1475.0	4.261	34.957	27.724	9.00
1480.0	4.261	34.957	27.724	9.00
1485.0	4.260	34.957	27,724	9.00
1490.0	4.260	34.957	27.724	9.00
1495.0	4,260	34.957	27.724	9.00



CRUISE: 88G05 STATION: S88G05*0023*DD DATE: 19 OCT
GMT: 11: 11 AM LATITUDE: 26 33.1 LONGITUDE: 94 46.2

STATION S88G05*0024*DD CRUISE 88G05 DATE 19 OCT GMT 3:16 PM LAT 26 31.7 LON '34 47.1 DEPTH OFFSET 0.0

DEPTH	TEMP	SALT	SIGMA-T	XSM
5.0	'26.513	36.861	24.278	8.89
10.0	26.493	36.554	24.053	8.88
15.0	26.489	36.268	23.838	8.88
20.0	26.487	36.251	23.826	8.88
25.0	26.480	36.313	23.875	8.88
30.0	2S.<545	36.534	24,021	8.90
35.0	213.513	36.592	24.075	8.91
40.0	26.437	36.5'35	24.101	8.91
45.0	26.495	36.636	24.114	8.91
50.0	26.484	36.643	24.123	8.90
55.0	25.226	36.607	24.489	8.89
60.0	23.563	36.532	24.933	8.89
65.0	23.252	36.527	25.020	8.89
70.0	22.9'29	36.5'35	25.120	8.90
75.0	22.814	36.536	25.155	8,90
80.0	22.644	36.526	25.196	8.90
85.0	22,444	36,527	25 .2S4	8.90
90.0	22.260	36.531	25.309	8.90
95.0	22.068	36.530	25.364	8.90
100.0	21.957	36.524	'25.390	8.91
105.0	21.826	36.528	25.430	8.92
110 0	21.717	36 .525	25 .458	8.92
115.0	21.576	36 .528	25.500	8,93
120.0	21.472	36.531	25.531	8.94
125.0	21.420	36.533	25.547	8.94
1'30.0	21.386	36.535	25.558	8.94
135.0	21.348	36.537	25.570	8.95
140.O	21.321	36.538	25 .578	8.95
145.0	21.295	36.535	25.583	8.95
150.0	21.245	36.529	25 .593	„3„36
155 0	21.117	36.517	25.619	8.96
160 0	20.965	36.501	25 .648	8.96
165.0	20.780	36.4'32	25.691	8.96
170 0	20.598	36.484	25.735	8.97
1 75 0	20.398	36.474	25.781	8.96
180.0	20.193	36 .459	25.825	8.95
185 0	20.089	"36.468	25.860	8.96
190.0	19.941	36.479	25.907	8.97
195 0	19.830	36. 479	25,937	8.96
200.0	19.676	36.486	25.983	8.'37
205.0	19.403	36.499	26.064	8.97
210.0	19.127	36.4'32	26.130	8,9:7
215.0	18.804	36.465	26.193	8.97
220.0	18.429	36.430	26.261	8.97
225.0	18.164	36.395	26.301	8.97
230.0	17.867	36 .3S2	26.350	8.97
2"35.0	17.619	36.330	26.387	8.97
240.0	17.353	36.288	26.419	8.97
245.0	17.068	36.251	26.460	8.97
250.0	16.849	36.221	26.489	8.97
255 0	16 .704	36.202	26.509	8.97
260.0	16.518	36.179	26,536	8.97
265.0	16.267	36.135	26.560	8.97
270.0	15.990	36, 098	26 596	8.97
275 0	15.803	36.072	26.619	8,97
280.0	1S.536	36.029	26.646	8.97
285.0	15.240	35.995	26.687	8.97
29o.o	15.010	35.961	26.711	8.97
295 . 0	14.895	35,934	26.717	8.96
300.0	14.764	35,919	26,734	8.96
3U5 .0	14.659	35.901	26.743	8,96
310.0	14.472	35.875	26.763	8.96
315.0	14.261	35,845	26.786	8.96
320.0	14.086	35.817	26.802	8.96
325.0	13.805	35.768	26.82"3	8.96
330.0	13.627	35,?44	26.841	8.96
335.0	13.544	35.726	26.844	8.96
340.0	13.3'38	3s.710	26.863	8.96
345 0	13.183	35.66'1	26, 884	8.96
350.0	12.943	35.635	26.897	8.96
355 u	12.796	35.617	26.913	8.96
360,0	12.719	35.604	26.918	8.96
365. 0	12.641	35.593	26.926	8.97
3?0.0	12.550	35.580	26.934	8.96
375 0	12.44'2	35.562	26.941	8.96
380.0	12.333	35,5413	26.949	8.96
385.0	12.229	35.526	26.954	8.96
390.0	12.102	35.50:3	26.965	8.96
395 0	11.979	35.489	26.'?74	8.96
400.0	11.862	35.472	26.983	8.96
405.0	11.733	35.458	26.997	:3,'36
410.0	11.668	35.446	26.999	8.96
415.0	11.541	35.429	27.010	8.96
420.0	11.326	35.400	27.028	8.96
425.0	11.252	35.383	27.028	8.96
430.0	11.091	35.351	27.033	8.96
435.0	10.915	35.338	27.055	8.96
440.0	10.862	35.329	27.057	8.96
445 .0	10.8IJ9	35.321	27.060	8.96
450.0	10.720	35.309	27.067	8.96
455.0	10.620	35.298	27.076	8.95
460.0	10.558	35.289	27.081	8.95
465.0	10.455	35, 274	27 088	'3.95
470.0	10.331	35.259	27.097	8.95
475.0	10.226	35.247	27.106	8.95
480 0	10.092	35.22:3	27.115	8.95
485.0	10.035	35.222	27.120	8.95
490.0	9.975	35,21:3	27,124	8.95
495.0	9.907	35.202	27.126	8.95
500.0	9.815	35.1'3"3	27.135	8.95
505.0	9.740	35.181	27.138	8.95
510,0	9.705	35,1?5	27'.140	8.94
515.0	9.651	35.170	27.144	8.95
520,0	9.558	35.159	27.152	8.95
525.0	9.501	35.152	27.156	8.95
530.0	9.394	35.140	27. 164	8.95
535 0	9.333	35.130	27.167	8.95
540.0	9. 197	35.115	'27.177	8.95
545.0	9.108	35 .100	27. 179	8.95
550.0	9.008	35.088	27. 186	8.95
555.0	8,934	35.081	27.192	8.96
560.0	8.873	35.075	27.197	8.96
565.0	8.830	35.068	27.200	8.96
570.0	.9 .756	35.063	27.207	8.96
575.0	8.679	35.053	27.211	8.95
580.0	8.570	35.043	27.220	8.95
585.0	8.502	35.035	27.225	8.95
590 0	8.405	35.026	2?.23'3	8.95
595.0	8.340	35.01$3	27.238	8.96
600.0	8.257	35013	27.246	8.96
605.0	8.203	35, 007	27.249	8.96
610.0	8.182	35.004	27.250	8.96
615.0	8.101	34.998	27.258	8.96
620.0	8.023	34.9'31	27.264	8.95
625.0	7.969	34.981	27.264	8.95
630.0	7.900	34.978	27.271	8.95
635.0	?.825	34.970	27.277	8.96
640.0	7.782	34.966	27.281	8.96
645.0	772'3	34.962	27.286	8.96
650.0	7.686	34.960	27.290	8.96
655.0	7.600	34.955	27.298	8.96
660.0	7.524	34.949	27.304	8.96
655, 0	7.461	34.940	27.307	8.96
670.0	7.401	34.938	2-.313	8.97
675.0	7.375	34.935	27.315	8.97
680.0	7.343	34.933	27.318	8.97
685.0	7.290	34.929	27.322	8.97
690.0	7.231	34.926	27.328	8.97
695,0	?.193	34.922	27'.331	8.97
700.0	7.132	34.918	27.335	8.97
705.0	7,074	34.915	27.342	8.97
710.0	7.0"35	34.912	27.345	8.97
715.0	6.984	34.911	27.351	8.97
720.0	6.948	34.909	27.355	8.97
725. 0	6.885	34.907	27.362	8.97
730.0	6.850	34.905	27.365	8.97
735.0	6,784	34.902	27.372	8.97
740.0	6.757	34.902	27.376	8.97
745.0	6.727	34.902	27.379	8.97
750.0	6.692	34.899	'27.382	8.97

STATION S88G05*0024*DD CRUISE 88G05 DATE 19 OCT GMT 3:16 PM LAT 26 31.7 LON 94 47.1 DEPTH OFFSET 0.0

DEPTH	TEMP	SALT	SIGMA-T	XSM
755.0	6.665	34.898	27.385	8.97
760.0	6.606	34.898	27.393	8.97
765.0	6.561	34.897	27.398	8.97
770,u	6.525	34.896	27,41)'2	8.97
775.0	6.495	34.895	27.405	8.97
780.u	6.449	34.894	27.410	8.97
785.0	6.404	34.894	27.416	8.98
790.1]	6.375	34.891	27.418	8.97
795 0	6.330	34.893	27.426	8.97
800.0	6.286	34.893	27.431	8.97
805.0	6.263	34.890	27.432	8.97
810.0	6.231	34.891	27.437	8.97
815.0	6.1'35	34.891	27.442	8.97
820.0	6.157	34.891	27.446	8.97
825.0	6.131	34.$390	27.449	8.97
830.0	6.081	34.890	27.456	8.97
835.0	6.054	34.890	27.459	8.98
840.0	6.0117	34.891	27.466	8.98
84S.0	5.967	34.891	27.471	8.98
850.0	5.931	34.892	27.476	8.98
855.0	5.896	34.892	27.481	8.98
860.0	5.872	34.892	27.484	8.98
865.0	5.850	34.892	27.487	8.98
670, u	5.825	34.892	27.4'30	8.98
875.0	5.810	34.892	27.492	8.98
880.0	5.77'3	34.892	27.496	8.98
885.0	5.739	34.894	27.502	8.98
890.0	5.704	"34.895	27.507	8.98
895.0	5.677	34.894	27.510	8.98
900 0	5.642	34.895	27.515	8.98
905 0	5.631	34.896	27.517	8.98
910.0	5.612	34.896	27.520	8.98
915.0	5.584	34.897	27.524	8.98
92U 0	5.572	34.897	27.525	8.98
925.0	5.552	34.897	27.528	8.98
930.0	5.523	"34.897	27.531	8.98
935.0	5.474	34.901	27.540	8.98
940.0	5.455	34.901	27.542	8.98
945.0	5.434	34.902	27.546	8.98
950.0	5,41)'3	34.902	27.550	8.98
955 0	5.388	34.904	27.554	8.98
960.0	5.359	34.906	27.558	8.98
965.0	5.340	34.906	27.561	8.98
970.0	5.323	34.906	27.563	8.98
975.0	5.302	34.907	27.566	8.98
980.0	5.275	34.908	27,570	8.98
985.0	5,257	34.908	27.572	8.98
990,0	5.2411	34.910	27.575	8.98
995 0	5.232	34.909	27.576	8.98
1000.0	5.216	34,910	27.579	8.98

DEPTH	TEMP	SALT	SIGMA-T	XSM
1005.0	5.193	34.911	27.582	8.98
1010.0	5s172	34.911	27.585	8.98
1015,0	5.154	34.912	27.588	8.98
1020.0	5.135	34.913	27.590	8.99
1025.0	5.116	34.914	27.593	8.99
1030.0	5, 099	34.915	27.596	8.99
1035.0	5.063	34.916	27.602	8.99
1040, 0	5.038	34.917	27.606	8.99
1045.0	5.017	34.919	27.609	8.99
1050.0	4.993	34.920	27.613	8.99
1055.0	4.973	34.920	27.615	8.99
1060.0	4.955	34.922	27.619	8.99
1065 0	4.944	34.92'2	27.620	8.99
1070 0	4.918	34.924	27.625	8.99
1075.0	4.906	34.923	27.626	8.99
1080.0	4.894	34.924	27,62?	8.99
1085.0	4.867	34.926	27.6'32	8.99
1090.0	4.852	34.926	27.634	8.99
1095.0	4.8"38	34.927	27.636	8.99
1100.0	4.835	34.926	27.636	8.99
1105.0	4.825	34.927	27.63$3	8.99
1110.0	4.819	34.927	27.639	8.99
1115.0	4.815	34.927	27.639	8.99
1120.0	4.802	34.928	27.642	8.99
1125.0	4.775	34.931	27.646	8.99
1130.0	4, 747	34.932	27.651	8.99
1135.0	4.735	34.932	27.652	8.99
1140.0	4.724	34.933	27.654	8.99
1145.0	4.704	34.934	27.657	8.99
1150.0	4.688	'34,935	27.659	8.99
1155.0	4.666	34.936	27.663	8.99
1160 o	4.655	34.936	27.664	8.99
1165.0	4.645	34.936	27.666	8.99
1170.0	4.639	34.936	27.666	8.99
1175.0	4.628	34.937	27.668	8.99
1180.0	4.617	34.938	27,670	8.99
1185.0	4.611	34.938	27.671	8.99
1190.0	4.597	34.939	27.673	8.99
11'35.0	4.588	34.939	27.674	8.99
1200,0	4.579	34.940	27.676	8.99
1205.0	4.565	34.940	27.678	8.99
1210.0	4,548	34.941	27,6130	8.99
1215.0	4.530	34.94"3	27.684	8.99
1220.0	4.520	34.943	27.685	8.99
12'25.0	4.511	34,944	27.686	8.99
1230.0	4.502	34<944	27.688	8.99
1235.0	4.493	34,945	27.689	8.99
1240.0	4.484	34.945	27.691	8.99
1245.0	4.473	34.946	27.692	8.99
1250.0	4.467	34.946	27,6,33	8.99

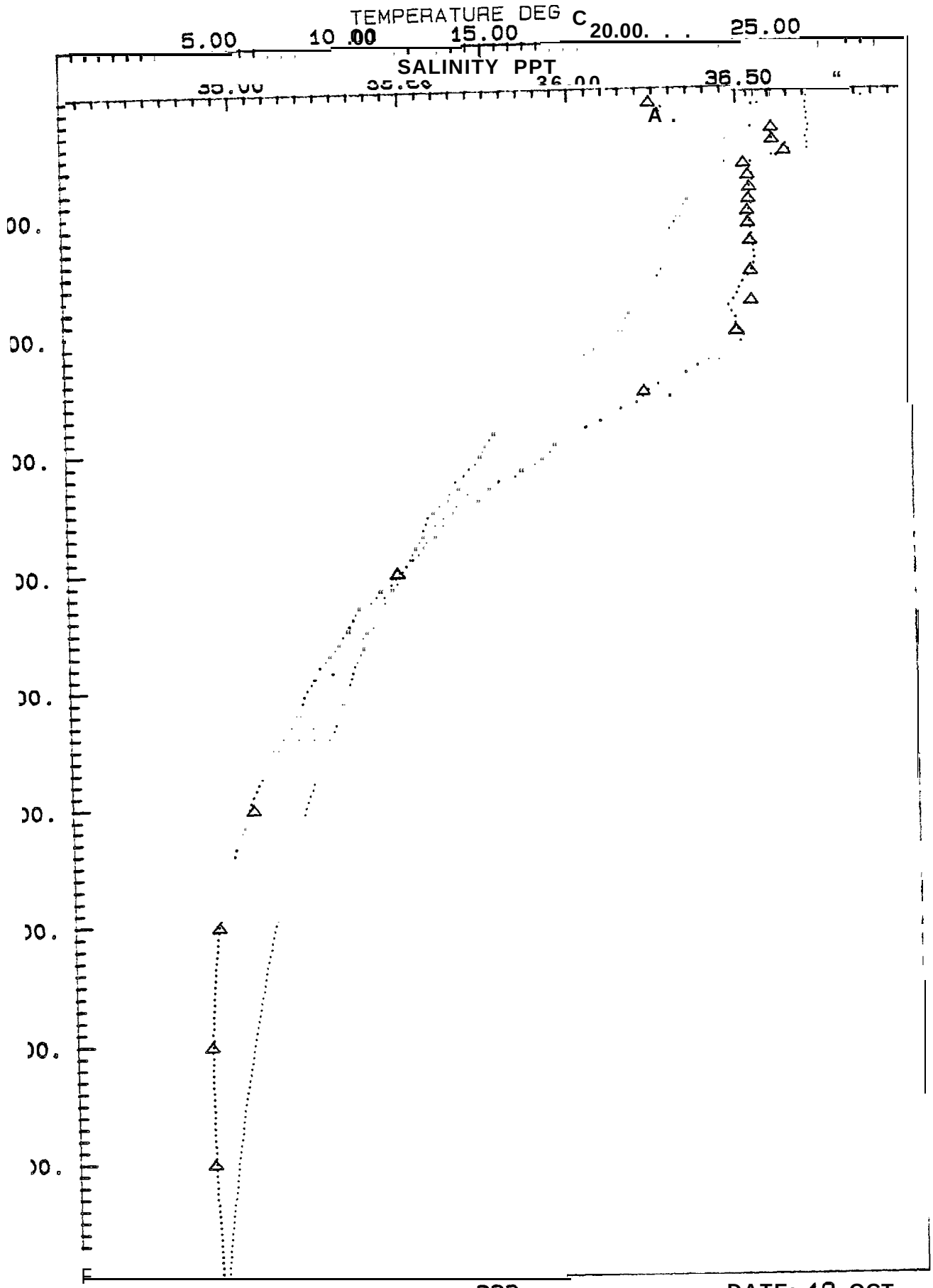
DEPTH	TEMP	SALT	SIGMA-T	XSM
1255.0	4.461	34.946	27.694	8.99
1260.0	4.452	34.947	27.695	8.99
1265 0	4.444	34.9-37	27.696	8.99
1270.0	4.441	34.947	27.697	8.99
1275.0	4.439	34.947	27.697	8.99
1280,0	4.430	34.948	27.699	8.9'3
1285.0	4.422	34.948	27,700	8.99
1'2'30.0	4.415	34.948	27.701	9.00
1295.0	4.406	34.94'3	27.702	9.00
1300.0	4.391	34.950	27.705	9.00
1305.0	4.386	34.950	27.705	9.00
1310.0	4.381	34.950	27.706	9.00
1315,0	4.375	34.951	27.707	9.00
1320.0	4.370	34.951	27.708	9.00
1325.0	4.358	34.952	27.710	9.00
1330.0	4,354	34,952	27.710	9.00
1335.0	4.349	34.952	27.711	9.00
1340.0	4.346	34.952	27.711	9.00
1345.0	4.34'.?	34.952	27.712	9.00
1350.0	4.337	34.953	27.713	9.00
1355.0	4.33'3	34.'353	27.713	9.00
1360.0	4.328	34.953	27.714	9.00
1365.0	4.321	34.953	27.715	9.00
1370. u	4.317	34.954	27.716	9.00
1375.0	4.314	34.954	27.716	9.00
1380.0	4.309	34.954	27.717	9.00
1385.0	4.305	34.954	27.718	9.00
1390.0	4.302	34.954	27.718	9.00
1395.0	4.299	34.955	27719	9.00
1400.0	4.298	34.955	27.719	9.00
1405.0	4.296	34.955	27.719	9.00
1410.0	4.294	34.955	27.719	9.00
1415.0	4.292	34.955	27.719	9.00
1420.0	4.291	34.955	27.720	9.00
1425.0	4.290	34.955	27.720	9.00
1430.0	4.284	34.956	27.721	9.00
1435.0	4.281	34.956	27.721	9.(IO
1440.0	4.279	34.956	27.722	9.00
1445.0	4.276	34.956	27.722	9.00
1450.0	4.274	34.956	27.722	9.00
1455.1]	4.272	34.956	27.723	9,00
1460.0	4.270	34.956	27.723	9.00
1465.0	4.265	34.957	27.724	9.00
1470, II	4,264	34.957	27.724	9.00
1475.0	4.260	34.957	27.725	9.00
1480.0	4.257	34.957	27.725	9.00
1485.0	4.256	34.'357	27.725	9.00
1490.0	4.254	34.957	27.726	9.00
1495.0	4.250	34.958	27.726	9.00
1500.0	4.248	34.958	27.726	9.00

STATION S88G05*0 024*DD CRUISE 88G05 DATE 19 OCT GMT 3:16 PM LAT 26 31.7 LON 94 47.1 DEPTH OFFSET 0.0

DEPTH	TEMP	SALT	SIGMA-T	XSM	DEPTH	TEMP	SALT	SIGMA-T	XSM	DEPTH	TEMP	SALT	SIGMA-T	XSM
1505.0	4.246	34.958	27.727	9.00										
1510.0	4.244	34.958	27.727	9.00										
1515.0	4.243	34.958	27.72?	9.00										
1520.0	4.243	34.958	27.727	9.00										
1525.0	4.244	34.958	27.727	9.00										
1530.0	4.244	34.958	27.727	9.00										
1535.0	4.243	34.958	27.727	9.00										
1540.0	4.243	34.958	27.72?	9.00										
1545.0	4.243	34.958	27.727	9.00										
1550.0	4.242	34.958	27.72?	9.00										
1555.0	4.241	34.958	27.727	9.00										
1560.0	4.238	34.959	27.728	9.00										
1565.0	4.233	34.959	27.729	9.00										
1570.0	4.231	34.959	27.729	9.00										
1575.0	4.231	34.959	27.729	9.00										
1580.0	4.231	34.959	27.729	9.00										

STWI'1ON S88G05*0027*DD CRUISE 88G05 DATE 20 OCT GMT 10:45 AM LAT 26 31.9 LON 94 39.3 DEPTH OFFSET 0.0

DEPTH	TEMP	SALT	SIGMA-T	XSM
5.0	26.596	36.172	23.732	13.89
10.0	26.603	36.182	23.737	8.90
15.0	26.604	36.191	23.744	8.90
20.0	26.605	36.191	23.743	8.90
'25.0	26.591	36.190	23.747	8.90
30.0	26.563	36.246	23.798	8.89
35.0	26.341	36.370	23.962	8.88
40.0	26,225	36.507	24.102	8.89
45.0	25.861	36.455	24.177	8.89
50.0	24.927	36.471	24.477	8.90
55.0	24.217	36.505	24.718	8,90
60.0	23.855	36.513	24.833	8.90
65.0	23.633	36.514	24,898	8.91
70,0	23.200	36.520	25.030	8.91
75.0	22.768	36.511	25, 149	8.92
80.0	22.495	36.514	25.229	8.92
85.o	22.332	36.513	25.276	8.92
90.0	22.136	36.512	25.331	8.91
95.0	21.982	36.510	25.372	8.92
100.O	21.846	36.512	25.412	8.92
105.0	21.731	36.521	25.451	8.93
110.0	21.580	36.527	25.4'39	8.94
115.0	21.472	36.531	25.531	8.95
120.0	21.420	36.528	25.544	8.95
125.0	21.385	36.529	25.554	8.95
130.0	21.344	36.529	25.565	8.96
13. 5.0	21.311	36.528	25.5?4	8.96
140.0	21.257	36.523	25.585	8.97
145.0	21.176	36 .5'21	25.605	8.97
150.0	2 1 07'2	"36.51'3	25.627	8.97
155.0	20.899	36.499	25.665	8.97
160.0	20.772	"36.4S'3	25.692	8.97
165.0	20.538	36.481	25.749	8.97
170.0	20.305	36.468	25.802	8.97
175.0	19.996	36,441	25.864	8.97
180.0	19.755	36.444	2s .929	8.97
185.0	19.594	36.460	25.985	8.98
190.0	19,387	36.461	26.039	8.98
195.0	19.201	36.459	26. 087	8.98
200.0	18.870	36.44:3	26.159	8.98
205.0	18.655	36.411	26.190	8.98
210.0	18.424	36.398	26.238	8.98
215.0	18.152	36.366	26.282	8.98
220.0	17.881	36.350	26.337	8.98
225.0	17.699	36.327	26.365	8.98
230.0	17.453	36.296	26.401	8.98
235, 0	17.140	36.231	26.427	8.98
2'40.0	16.900	36.227	26.481	8.98
245.0	16.728	36.196	26.499	8.98
250.0	16.464	36.142	26.520	8.98
255.0	16.166	36.107	26.562	8.97
260.0	15.991	36. 093	26.592	8.97
265.0	15.694	36.053	26.629	8.97
270.0	15.557	36.036	26,647	8.97
275.0	15.390	36.011	26.666	8.97
280.0	15.197	35.977	26.683	8.97
285.0	15.082	35.966	26.700	8.97
290.0	14.942	3s.945	26.714	8.97
295.0	14.692	35.908	26.741	8.97
300.0	14.471	35.873	26.762	8.97
305.0	14.302	35.848	26,779	8.97
310.0	14.185	35.831	26.791	8.96
315.0	14.154	35.822	26.790	8.97
320.0	14.009	35.801	26.805	8.97
325.0	13.814	35.770	26.823	8.97
3"30.0	13.654	35.746	26.837	8..97
335.0	13.485	35.718	26.851	8,97
340.0	13.285	35.692	26.872	8.97
345.0	13.176	35.673	26.880	8.97
350.0	13.023	35.648	26,891	8.97
355.0	12.883	3S .627	213,903	8.98
360.0	12.799	35,616	26.911	8,97
365.0	12.622	35. 585	26.923	8.98
370.0	12.459	35.561	26,937	8.98
375.0	12.277	35.539	26, 955	8.98
380.0	12.120	3S.516	26,968	8.97
3135.0	11.991	35.498	26.979	8.97
390.0	11.8'30	35.481	26.984	8.97
395.0	11.821	35.467	26,987	8.97
400.0	11.647	"35 .445	27.002	8.97
405.0	11.539	35.430	27,011	8.97
41O.IJ	11.475	35.418	27.015	8.97
415.0	11.440	35.412	27.016	8.97
420.0	11.3'31	35.393	27.021	8.97
425.0	11.234	35.381	27.030	8.97
430.0	11.148	35.370	27.0313	8.97
435, 0	11.004	35.350	27.048	8,9:7
440,0	10.856	35.331	27.060	8.97
445.0	10.769	35.317	27.065	8,97
450.0	10.687	35.30s	27.070	8.97
4s5 ,0	10.54U	35.282	27.078	8,97
460.0	10.363	35,263	27.095	8.97
465.0	10.217	35.24S	27.106	8.97
470,0	10.027	35,219	27.119	8.97
475.0	9.870	35.201	27.132	8.97
480.0	9.864	35.196	27.129	8,97
485.0	9.862	35.195	27.128	8.97
4'30.0	9.856	35.193	27.128	8,97
495.0	9. 789	35.178	27.128	8.97
500.0	9.636	3S.165	27.143	8.97
505.0	9.577	35.157	27, 147	8.97
510.0	9.542	35.152	27.149	8.97
515.0	9.431	35,137	27.156	8.97
520.0	9.367	3S,132	27.162	8.97
525.0	9.215	35.119	27.177	8.96
530.0	9.142	35.107	27.180	8.96
535.0	9.064	35.092	27.180	8.96
540.0	8.976	35.088	27.191	8.96
545.0	8.920	35.082	27.194	8.95
550.0	8.864	3s .075	27.199	8.96
555,0	8.786	35.064	27.203	8.96
560.0	8.725	3s ,056	27..207	8.96
565.0	8.671	35.054	27.213	8.95
570.0	8.618	35.046	27.215	8.95
575.0	8.547	35.040	27.222	8.95
580.0	8.481	35.0'33	27.227	8.96
585.0	8.427	35.027	27.230	8.96
590.0	8.361	35.020	27,235	8.96
595, 0	8.291	35.011	27.238	8.96
600.0	8.223	35.007	27.246	8.96
605.0	8 .194	35.004	27.248	8.96
610.0	8.171	35.001	27.249	8.96
615.0	8.144	34.997	27.250	8.97
620.0	8.089	34.992	27s255	8.97
625.0	8.007	34.984	27.261	8.97
630,0	7.945	34.977	27.264	8.97
635.0	7 ,8:76	34.974	27.273	8.97
640.0	7.814	34.969	27.278	8.97
645.0	7.727	34.962	27.285	8.97
650.0	?. 656	34.955	27.290	8.97
655.0	7.619	"34,s5"3	27.294	8.97
660.0	7.572	34.950	27.298	8.97
665 .0	7.422	34.944	27.308	8.97
670.0	?. 454	34.940	27.308	8.97
675,0	7.427	34.937	27.309	8.97
680.0	7.361	34.932	27.315	8.97
685.0	?. 282	34.932	27.326	8.97
690.0	7.193	34.924	27.333	8.97
695,0	7.103	34.921	27·342	8.97
700.0	7.034	34.913	27.346	8.97
7'05.0	6.929	34.911	27.359	8.97
710.0	6.895	34.909	27, 362	8.97
715.0	6.868	34.907	27,364	8.97
720.0	6.818	34.906	27.370	8.97
725.0	6,770	34.902	'27.374	8.98
730.0	6.731	34.901'.	27.378	8.98
735, 0	6.657	34,896	27.384	8.98
740.0	6.617	34.8'36	27.390	8.98
745.0	6.5138	34.896	27.394	8.98
750.0	6.556	34.895	27.397	8.98



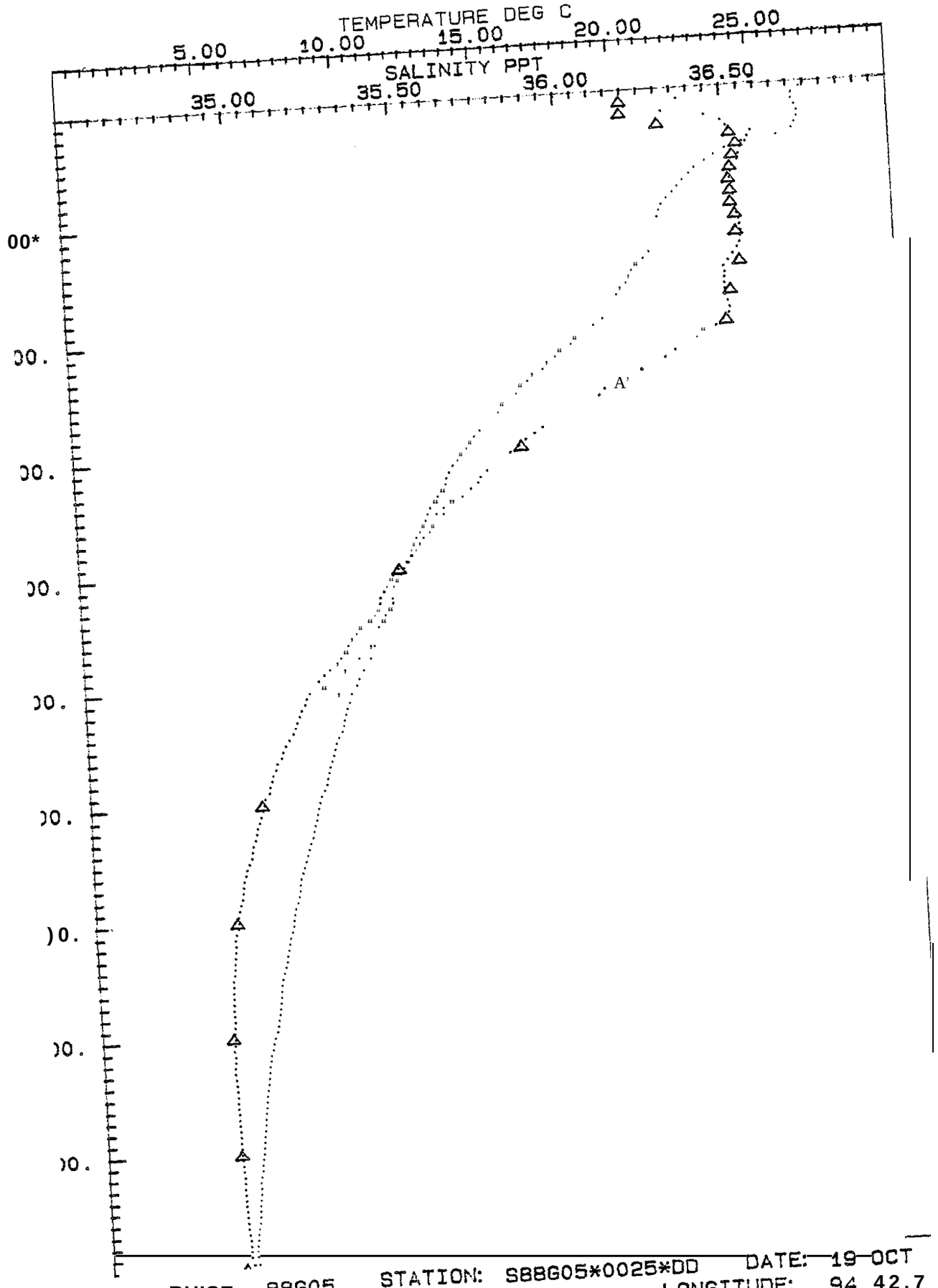
CRUISE: 88G05 STATION: S88G05*0024*DD DATE: 19 OCT
GMT: 3 16 PM LATITUDE: 26 31.7 LONGITUDE: 94 47.1

STATION S88G05*0025*DD CRUISE 88G05 DATE 19 OCT GMT 1[illegible]2 PM LAT 26 38 9 LON 94 42 [illegible] DEPTH OFFSET 0.0

DEPTH	TEMP	SALT	SIGMA-T	XSM	DEPTH	TEMP	SALT	SIGMA-T	XSM	DEPTH	TEMP	SALT	SIGMA-T	XSM
5.0	26.577	36.438	23.843	8.87	255.0	16.096	36.101	26.574	8.97	505.0	9.680	35.167	27.137	8.96
10.0	26.589	36.360	23.876	8.86	260.0	15.902	36.085	26.606	8.97	510.0	9.594	35.158	27.145	8.96
15.0	26.562	36.202	23.765	8.86	265.0	15.635	36.046	26.637	8.97	515.0	9.538	35.152	27.149	8.96
20.0	26.675	36.314	23.814	8.86	270.0	15.414	36.008	26.658	8.96	520.0	9.455	35.140	27.154	8.96
25.0	26.759	36.442	23.884	8.88	275.0	15.125	35.965	26.689	8.96	525.0	9.389	35.133	27.160	8.96
30.0	26.745	36.491	23.925	8.88	280.0	14.915	35.940	26.717	8.96	530.0	9.318	35.126	27.166	8.96
35.0	26.632	36.506	23.972	8.89	285.0	14.727	35.910	26.735	8.96	535.0	9.284	35.120	27.167	8.96
40.0	26.531	36.579	24.060	8.89	290.0	14.547	35.884	26.754	8.96	540.0	9.229	35.112	27.169	8.96
45.0	25.969	36.569	24.229	8.87	295.0	14.393	35.855	26.765	8.96	545.0	9.092	35.100	27.182	8.96
50.0	24.715	36.562	24.611	8.87	300.0	14.241	35.835	26.782	8.96	550.0	8.990	35.088	27.189	8.97
55.0	24.092	36.545	24.786	8.88	305.0	14.047	35.810	26.804	8.96	555.0	8.928	35.079	27.192	8.97
60.0	23.681	36.538	24.903	8.89	310.0	13.883	35.786	26.820	8.96	560.0	8.875	35.074	27.197	8.97
65.0	23.344	36.534	24.999	8.89	315.0	13.711	35.758	26.835	8.96	565.0	8.801	35.060	27.198	8.97
70.0	22.962	36.519	25.098	8.90	320.0	13.565	35.734	26.847	8.96	570.0	8.728	35.056	27.206	8.97
75.0	22.775	36.513	25.149	8.90	325.0	13.454	35.715	26.855	8.96	575.0	8.670	35.046	27.208	8.97
80.0	22.520	36.508	25.219	8.90	330.0	13.409	35.708	26.858	8.96	580.0	8.630	35.042	27.210	8.97
85.0	22.313	36.514	25.281	8.90	335.0	13.256	35.684	26.872	8.96	585.0	8.589	35.035	27.211	8.96
90.0	22.123	36.518	25.339	8.90	340.0	13.076	35.659	26.889	8.96	590.0	8.485	35.033	27.226	8.96
95.0	21.895	36.518	25.403	8.91	345.0	12.930	35.632	26.898	8.96	595.0	8.357	35.018	27.234	8.95
100.0	21.711	36.518	25.454	8.92	350.0	12.806	35.615	26.909	8.96	600.0	8.297	35.014	27.240	8.95
105.0	21.612	36.522	25.486	8.93	355.0	12.712	35.601	26.917	8.96	605.0	8.246	35.010	27.245	8.96
110.0	21.524	36.525	25.512	8.94	360.0	12.626	35.586	26.923	8.96	610.0	8.196	35.004	27.248	8.96
115.0	21.462	36.532	25.534	8.94	365.0	12.497	35.567	26.933	8.97	615.0	8.148	34.998	27.251	8.96
120.0	21.407	36.532	25.550	8.95	370.0	12.391	35.552	26.943	8.96	620.0	8.081	34.991	27.255	8.96
125.0	21.348	36.534	25.568	8.95	375.0	12.246	35.536	26.958	8.96	625.0	8.034	34.988	27.259	8.96
130.0	21.308	36.533	25.578	8.96	380.0	12.156	35.521	26.965	8.97	630.0	7.985	34.984	27.264	8.96
135.0	21.258	36.529	25.589	8.96	385.0	12.080	35.508	26.969	8.97	635.0	7.890	34.976	27.271	8.96
140.0	21.156	36.522	25.611	8.97	390.0	12.008	35.495	26.972	8.97	640.0	7.823	34.973	27.279	8.96
145.0	20.968	36.508	25.653	8.97	395.0	11.921	35.479	26.977	8.96	645.0	7.773	34.970	27.284	8.96
150.0	20.760	36.493	25.698	8.97	400.0	11.770	35.454	26.986	8.97	650.0	7.697	34.962	27.289	8.96
155.0	20.500	36.479	25.758	8.97	405.0	11.641	35.437	26.997	8.96	655.0	7.616	34.954	27.295	8.96
160.0	20.392	36.482	25.789	8.97	410.0	11.551	35.426	27.006	8.96	660.0	7.552	34.950	27.301	8.96
165.0	20.286	36.479	25.815	8.97	415.0	11.481	35.414	27.010	8.96	665.0	7.479	34.943	27.306	8.97
170.0	20.089	36.479	25.867	8.97	420.0	11.389	35.406	27.021	8.96	670.0	7.442	34.941	27.310	8.97
175.0	19.904	36.479	25.917	8.97	425.0	11.334	35.396	27.023	8.96	675.0	7.420	34.939	27.311	8.97
180.0	19.741	36.479	25.960	8.97	430.0	11.315	35.393	27.024	8.96	680.0	7.373	34.936	27.316	8.97
185.0	19.580	36.486	26.008	8.97	435.0	11.275	35.386	27.026	8.96	685.0	7.318	34.930	27.319	8.97
190.0	19.498	36.491	26.034	8.97	440.0	11.187	35.375	27.034	8.96	690.0	7.235	34.925	27.327	8.97
195.0	19.357	36.487	26.067	8.97	445.0	11.011	35.355	27.051	8.96	695.0	7.183	34.921	27.332	8.97
200.0	19.034	36.470	26.138	8.97	450.0	10.863	35.334	27.062	8.96	700.0	7.151	34.922	27.336	8.97
205.0	18.695	36.447	26.207	8.97	455.0	10.761	35.318	27.067	8.96	705.0	7.139	34.919	27.335	8.97
210.0	18.397	36.411	26.255	8.97	460.0	10.705	35.307	27.068	8.96	710.0	7.076	34.912	27.339	8.97
215.0	18.184	36.386	26.289	8.97	465.0	10.582	35.291	27.078	8.96	715.0	6.995	34.908	27.347	8.97
220.0	17.850	36.355	26.349	8.97	470.0	10.502	35.278	27.082	8.96	720.0	6.947	34.909	27.355	8.97
225.0	17.598	36.321	26.385	8.97	475.0	10.417	35.267	27.088	8.96	725.0	6.920	34.907	27.357	8.97
230.0	17.332	36.291	26.427	8.97	480.0	10.328	35.247	27.089	8.96	730.0	6.866	34.905	27.363	8.97
235.0	17.080	36.250	26.456	8.97	485.0	10.153	35.231	27.106	8.96	735.0	6.832	34.903	27.366	8.97
240.0	16.792	36.216	26.499	8.97	490.0	10.005	35.215	27.119	8.96	740.0	6.774	34.902	27.373	8.97
245.0	16.541	36.177	26.528	8.97	495.0	9.909	35.198	27.123	8.96	745.0	6.709	34.900	27.380	8.97
250.0	16.331	36.149	26.556	8.97	500.0	9.834	35.187	27.127	8.96	750.0	6.645	34.896	27.386	8.97

STATION S88G05*0025*DD CRUISE 88G05 DATE 19 OCT GMT 11:12 PM LAT 26 33,9 LON 94 42.7 DEPTH OFFSET 0.0

DEPTH	TEMP	SALT	SIGMA-T	XSM
755.0	6.592	34.896	27.393	8.97
760.0	6.573	34.894	27.395	8.97
765.0	6.553	34.894	27.397	8.97
770.0	6.538	34.894	27.398	8.97
775.0	6.498	34,893	27.403	8.97
780.0	6.467	34.893	27.407	8.97
785.0	6.432	34.894	27.412	8.97
790.0	6.399	34.$393	27.416	8.97
795.0	6.349	34.892	27.423	8.97
800.0	6.255	34.892	27.435	3,9:3
805.0	6.201	34.891	27.441	8.98
810.0	6.160	34.888	27.444	8.98
815.0	6.086	34.891	27.4S6	8.98
820.0	6.061	34.889	27.458	8.98
825.0	6.019	34.887	27,461	8.99
830.0	5.996	34.887	27.465	8.98
835.0	5.970	34.889	27.469	3.98
840.0	5.939	34.891	27.474	8.98
845.0	5.905	34.892	27.479	8.98
850.0	5864	34.893	27.485	8.98
855.0	5.837	34.892	27.489	8.98
860.0	5.819	34.892	27.491	8.98
865.0	5.795	34.893	27.494	8.98
870.0	5,775	34.893	27.4'3?	8.98
875.0	5.753	34.894	27.500	8.98
880.0	5, 727	34.894	27.504	8.98
885.0	5.706	34.895	27.507	8.98
890.0	5,687	34.895	27.510	8.98
895.0	5.661	34.896	27514	8.98
900.0	5.641	34.896	27.516	8,9s
905.0	5613	34.397	27.521	8.'38
910.0	5.581	34.898	27.525	8.99
915.0	5.561	34.899	27528	8.2:3
920.0	5.515	34.901	27.535	8.98
925.0	5, 490	34. '301	27.538	8.98
930.0	5.490	34.900	27.538	8.98
935.0	5.478	34.900	27.540	8.98
940.0	5.443	34.901	27.544	8.99
945.0	5.426	34.902	27.547	8.99
950.0	5.410	34.'303	27.550	8.99
955.0	5.400	34.903	27.551	8.99
960.0	5. 3?5	'34.904	27.555	8.99
965.0	5.338	34.905	27.560	8.98
970.0	5.302	34.908	27.567	8.98
975.0	5.273	34.909	27.571	8.98
980.0	5.253	34.909	27.57'4	8.98
985.0	5,235	34.910	27<576	8.98
990.0	5.222	34.910	27'.578	8.98
995.0	5.195	34.911	27.582	8,'39
1000.0	5,173	34.912	27.585	8.99
1005.0	5.141	34.913	27.590	8.99
1010.0	5.113	34.915	27.595	9 ,95!
1015.0	5.103	34.915	27.596	8.99
1020.0	5.0$34	34.915	27.598	8.$3'3
1025.0	5.066	34.916	27.602	8.99
1030.0	5.052	34.917	27.604	8.99
1035.0	5.039	34.918	27.606	8.99
1040.0	5.013	34.919	27.610	8.99
1045.0	4.998	34.920	27.612	8.99
1050.0	4.981	34,920	27.614	8.99
1055.0	4.957	34.921	27.618	8.99
1060.0	4.9'34	34.922	27.621	8.99
1065.0	4.921	34.923	27.624	8.99
1070.0	4.909	34.924	27.625	8.99
1075.0	4.889	34,925	27.629	8.99
1080.0	4.365	34.925	27.632	8.99
1085.0	4.845	34.927	27.635	8.99
10'30.0	4.811	34.928	27'.640	9.00
1095.0	4,7'75	34.931	27.646	9.00
1100.0	4.757	34.931	27.649	9.00
1105.0	4.750	34.931	27.650	9.00
1I.1O.U	4. ?47	34.931	27.650	9.00
1115.0	4.740	34,932	27.651	9.00
1120.0	4.726	34.93'2	27,653	9.00
1125.0	4.709	34.933	27.656	9.00
1130.0	4.705	34.933	27.657	9.00
1135.0	4.703	34.933	27.656	9.00
1140.0	4.701	34.933	27.657	9.00
1145.0	4.702	34.933	27.657	9.00
1150.0	4.696	34.933	27.657	9.00
1155.0	4.682	34.934	27.660	9.00
1160.0	4.668	34.'3'35	27.662	9.00
1165.0	4.660	34.935	27.663	9.00
1170.0	4.635	34.936	27.667	9.00
1175.0	4.617	34.937	27.669	9.00
1180.0	4.596	34.939	27.673	9.00
11:35.0	4.583	3-).539	27.67'5	9.00
11'<0.0	4.573	34.940	27.677	9.00
1195.0	4.560	34.940	27.679	9.00
1200,0	4.551	'34,941	27.680	9.00
1205.0	4.545	34.941	27,681	9.00
1210.0	4.533	34.942	27.683	9.00
1215.0	4.525	34.942	27.684	9.00
1220.0	4.513	34.943	27.686	9.00
1225,0	4.505	34,943	27.687	9.00
1230.0	4.502	34.944	27.688	9.00
1235.0	4.495	34.944	27.688	9.00
1240.0	4.480	34.'345	27.691	9.00
1245.0	4,467	34.946	27.693	9.01
1250.0	4,458	34.946	27,694	9.00
DEPTH	'rEtIF'	SALT	SIGMA-T	xSM
1255.0	4.453	34.947	27.695	9.00
1260.0	4.451	34.94?	27.695	9.00
1265.0	4.444	34,947	27.697	9.00
1270.0	4.442	34.947	27,697	9.00
1275.0	4.442	34.947	27.697	9.00
1280.0	4.438	34.947	27.697	9.00
1285.0	4.430	34.947	27.698	9.00
1290.0	4.41'3	34.948	27.700	9.00
12135,0	4.414	34.948	27.7(J1	9.00
1"300.0	4.404	34.949	27.702	9.00
1305.0	4.398	34.949	27.703	9.00
1310,0	4.386	34.950	27.706	9.00
1315.0	4.377	34.951	27.707	9.00
1320.0	4.364	34.952	27.709	9.00
1325,0	4.355	34,952	27.710	9.00
1330,0	4,351	34.952	27.710	9.00
1335.0	4,347	34.'352	27.?11	9.00
1'3410.0	4.339	34.953	27.71'3	9.00
1345.0	4.338	34.953	27.713	9.00
1350.0	4.339	34.952	27.712	9.00
1355,0	4.339	34.952	27.712	9.00
1360.0	4.339	34.952	27.712	9.00
1365.0	4.338	34.953	27.713	9.00
1370.0	4.336	34.952	27.713	9.00
1375.0	4.330	34.953	27.714	9.00
1380.0	4,329	34,953	27.714	9.00
1385.0	4,324	34.953	27.715	3.00
1390.0	4.316	34.954	27.716	9.00
1395,0	4.310	34.954	27.717	9.00
1400.0	4.306	34,954	27.718	9.00
1405.0	4.300	34,'?55	27.719	9.00
1410.0	4.297	34.955	27.719	9.00
1415.0	4.297	34.955	27.719	9.00
1420.0	4.298	34.955	27.719	9.00
1425.0	4.299	34.955	27.719	9.00
1430.0	4.293	34.955	27.719	9.00
1435.0	4.291	34.955	27.720	9.00
1440,0	4.289	34. 955	27.720	9.00
1445.0	4.286	34.955	27.720	9.00
1450.0	4.285	34.956	27.721	9.00
1455.0	4.284	34.956	27.721	9.00
1460.11	4,292	34,956	27.721	9.00



cRUISE: 88G05 STATION: S88G05*0025*DD DATE: 19 OCT
GMT: 11: 12 PM LATITUDE: 26 38.9 LONGITUDE: 94 42.7

STATION S88G05*0026*DD CRUISE 88G05 DATE 20 OCT GMT 4:11 AM LAT 26 35.8 LON 94 42.7 DEPTH OFFSET 0.0

DEPTH	TEMP	SALT	SIGMA-T	XSM
5.0	26.721	36.178	23.697	8.88
10.0	26.651	36.182	23.722	8.88
15.0	26.616	36.180	23.731	8.88
20.0	26.606	36.181	23.735	8.88
25.0	26.605	36.191	23,743	8.87
30 0	26.647	36.298	23.811	8.88
35.0	26.636	36.426	23.911	8.89
40.0	26.620	36.532	23.996	8.91
45.0	26,562	36.577	24.048	8.91
50.0	25.498	36.529	24.346	8.90
55.0	24.316	36.541	24.716	8.90
60.0	23.808	36.523	24.854	8.90
65.0	23.391	36.536	24.987	8.91
70.0	23.118	"36.525	25.058	8.91
75,0	22,872	36.513	25.120	8.92
80.0	22.608	36.519	25.201	8.92
85.0	22.414	36,517	25.255	8.91
90.0	22.184	36.527	.25.328	8.91
95 .0	22.026	36.527	25.373	8.92
100.0	21.930	36.528	25,401	8.93
105.0	21.823	36.525	25,428	8.93
110.0	21.586	36.525	25. 495	8.94
115.0	21.454	36.530	25.535	8.95
120.0	21.394	36.531	25.553	8.96
125.0	21.364	36.532	25.562	8.96
130.0	21.320	36.534	25.575	8.97
135.0	21.268	36.530	25 .587	8.97
140.0	21.181	36.523	25. 606	8.97
1450	21 .0'26	36.510	25 639	8.98
150.0	20.883	'36,503	25.672	8.98
155 o	2 0 725	36.492	25.707	8.98
160 ,	20.553	36.472	25.738	8.98
165 0	20.333	36.477	25 802	8.97
170 0	20.091	36.472	25.862	8.98
175 0	19.903	36,475	25.915	8.98
18 u 0	1'3.?21	3s..484	'25.970	8.98
185.0	19.577	36.491	26.013	8.98
190.0	19.370	.36. 491	26.066	8.98
195.0	19.152	36.487	26.120	8.98
200.0	18.973	36.469	26.15'3	8.98
205.0	18.580	36.425	26.220	8.98
210. U	18.280	36.396	2.S .2?"3	8.98
215.0	18.116	36.376	26.299	8.98
220.0	17.758	36.349	26.367	8.98
225.0	17.577	36.322	26.390	8.98
230.0	17.332	36.284	26.421	8.98
2.35,0	17.032	36.254	26.470	8.98
240.0	16.873	36.225	26.486	8.98
245.0	16.743	36.202	26,500	8.98
250. u	16.416	36.161	26.545	8.98

DEPTH	TEMP	SALT	SIGMA-T	XSM
255.0	16.131	36.121	26.581	8.98
260,0	15.923	36 .087	2(3.602	8.98
26S .0	15.639	36.044	26.634	8.98
270.0	15.393	36.000	26<656	8.98
275.0	15.154	35.976	26.691	8.98
280.0	14.965	35.938	26.705	8.98
285.0	14.801	35.916	26.723	8.97
290.0	14.667	35.896	26.737	8.97
295.0	14.546	35.870	26,744	8.97
300.0	14.372	35,848	26.764	8.97
305.0	14.220	35.829	26.782	8.98
310.0	14,102	35.812	26.734	8.98
315.0	14.019	35.793	26.796	8.98
320.0	13.916	35.780	26.809	8.98
325,0	13.801	35.767	26.823	8.98
330.0	13,6'30	35,747	26.831	8.98
335.0	13.527	35.?24	26,846	8.98
340.0	13.415	35,702	26.853	8.98
345.0	13.293	35.685	26.864	8.98
350.0	13.156	35.66'2	26.875	8.98
355.0	12.952	35,1335	26.896	8.98
360.0	12.779	35.615	26.915	8.98
365 .0	12.676	35.55'5	26.920	8.98
370.0	12.520	35.575	26.935	8.98
375.0	12.400	35.556	26.944	8.98
380.0	12.240	35.533	26.957	8.98
335. 0	12.081	35.506	26.968	8.98
390.0	12.009	35.493	26.971	8.98
395.0	11.875	35.467	26.977	8.98
400.0	11.697	35.440	26.990	8.98
405.0	11.:26	35.423	27.009	8.98
410.0	11.373	35.394	27.014	8.98
415.0	11.246	35.384	27.031	8.98
420 0	11.170	35.375	27.037	8.97
425.0	11.095	35.363	27.042	8.97
430.0	11.006	35.343	27.042	8.97
4"35,0	10.896	35.327	27.050	8.97
440.0	10.756	35.306	27. 058	8.97
445.0	10.648	35.284	27.061	8.98
450.0	10.46?	35.280	27.0'30	8.97
45s .0	10..363	35,258	27.091	8.97
460.0	10.307	35,248	27.093	8.97
465.0	10.219	35.237	27.100	8.97
470 .0	10.182	35.233	27.104	8.97
475, 0	10.110	35.225	27.109	8.97
480.0	10,011	35.215	27.118	8.97
435.0	9,900	35.201	27.126	8.97
490.0	9.730	35.170	27.131	8.97
495.0	9.639	35.167	27.144	8.97
500.0	9,556	35.1s7	27.150	8.97

DEPTH	TEMP	SALT	SIGMA-T	XSM
505.0	9.430	35.134	2:7.154	8.97
510.0	9.2?9	'35.124	27.171	8.97
515.0	9.244	35.114	27.168	8.97
520.0	9.179	35.107	27.173	8.97
525, 0	9.059	35.091	27.1130	8.97
530.0	9.028	35.088	27.183	8.97
535.0	8.973	35.035	27:139	8.97
540.0	8.860	35.073	27.198	8.97
545.0	8.791	35.065	27.203	8.97
550.0	8.729	35.060	27.208	8.96
555, 0	8.673	3s.053	27.213	8.96
560.0	8.644	35.048	27.213	8.97
565.0	8.587	35.042	27,217	8.97
570.0	8.530	35.035	27.221	8.97
575.0	8.476	35. 029	27.224	8.97
580.0	8.41'3	35.026	27.231	8.97
585.0	8.362	35.020	27.234	8.97
590.0	8.318	35.015	2?.237	8.97
595.0	8.248	35.1107	27,242	8.97
600.0	8.194	35.003	27.248	8.97
605.0	8.167	34.999	27.249	8.97
610.0	8.139	34.998	27.252	8.97
615.0	8.136	34.997	27.251	8.97
620.0	8.116	34.993	27.251	8.97
625.0	8.021	34.983	27.258	8.98
630.0	7.950	34.980	27.266	8.98
635.0	7.911	34 975	27.268	8.97
640 .0	7.870	"34,972	27.271	8.97
645 0	7.791	34. '367	27.280	8.97
650.0	7.750	34.962	27.282	8.97
655 0	7.696	34 958	27.286	8.98
660.0	7.611	34.553	27.295	8.98
665.0	7.523	34.945	27.302	8.98
670.0	7 .470	34.939	27.305	8.98
675 0	7.452	34.938	27.307	8.98
680.0	7.415	34.'336	27.310	8.98
685.0	7.344	34.928	27.313	8.98
690.0	7.278	34.924	27.320	8.98
695.0	7.222	34.924	27.328	8.98
700,0	7.143	34.920	27.336	8.98
705 0	7.047	34.914	27.345	8.99
710.0	6.977	34.912	2? .353	8.98
715.0	6.932	34.909	27.357	8.98
720.0	6 .887	34.906	27.360	8.98
725, 0	6.8?2	34.906	27.363	8.98
730.0	6.841	34.906	27.367	8.98
735, 0	6.?95	34.904	27.372	8.98
740.0	6, 776	34.903	27.373	8.98
745 0	6.'55	34.901	27.375	8.98
750.0	6.712	34.901	27.381	8.98

STATION S8 8G05*0026*DD CRUISE 88G05 DATE 20 OCT GMT 4:11 AM LAT 26 3 5 . 8 LON 9 4 42.7 DEPTH OFFSET 0.0

DEPTH	TEMP	SALT	SIGMA-T	XSM
755.0	6.653	34.898	27.3815	8.98
760.0	6.591	34.897	27.394	8.98
765.0	6.528	34.895	27.401	8.98
770.0	6,472	34.894	27.407	8.98
775.0	6.431	34.891	27.411	8.98
780.0	6.377	34.888	27.415	8.98
785.0	6.207	34.8$39	27.426	8.98
790.0	6.266	34.1390	27.432	8.98
795.0	6.220	34.891	27.438	8.99
800.0	6.194	34.887	27.439	8.99
805.0	6.172	34.889	27.443	8.99
810.0	6.158	34.888	27.444	8.99
815.0	6.135	34.888	27.447	8.99
820.0	6.097	34.889	27.453	8.99
825.0	6.050	34.830	27.460	8.99
830.0	6.020	34.890	27.464	8.99
835.0	5.97'2	34.888	27.46$3	8.99
840.0	5.937	34.891	27.475	8.99
845.0	5.895	34.891	27.480	8.99
850.0	5.846	34.893	27.488	8.99
855.0	5.826	34.893	27.490	8.99
860.0	5.809	34.893	27.492	8.99
865.0	5.799	34.893	27.493	8.99
870.0	5.787	34.893	27.495	8.99
875.0	5.759	34.894	27.499	8.99
880.0	5.746	34.894	27.501	8.99
885.0	5.723	34.893	27.504	8.99
890.0	5.693	34.895	27.509	8.99
895.0	5.664	34.896	27.513	8.99
900.0	5.627	34.897	27.518	8.99
905.0	5.605	34.897	27.521	8.99
910.0	5.593	34.896	27.522	8.99
915.0	5.575	34.896	27.525	8.99
920.0	5.545	34.898	27.530	8.99
925.0	5.528	34.899	27.532	8.99
930.0	5.508	34.899	27.535	8.99
935.0	5,471	34.902	27.542	8.99
940.0	5.443	34.902	27.545	8.99
945.0	5.413	34.902	27.549	8.99
950.0	5.389	34.904	27.553	8.99
955.0	5.378	34.904	27.554	8.99
960.0	5.346	34.906	27.560	8.99
965.0	5.325	34.907	27.56'3	8.99
970.0	5.307	34,906	27.564	8.99
975.0	5.288	34.907	27.568	8.99
980.0	5.266	'34.9117	27.570	8.99
985.0	5.241	34.909	27.575	8.99
990.0	5,230	34.909	27.576	8.99
995.0	5.208	34,909	27.579	9.00
1000.0	5.171	"34.912	27.5%6	9.00

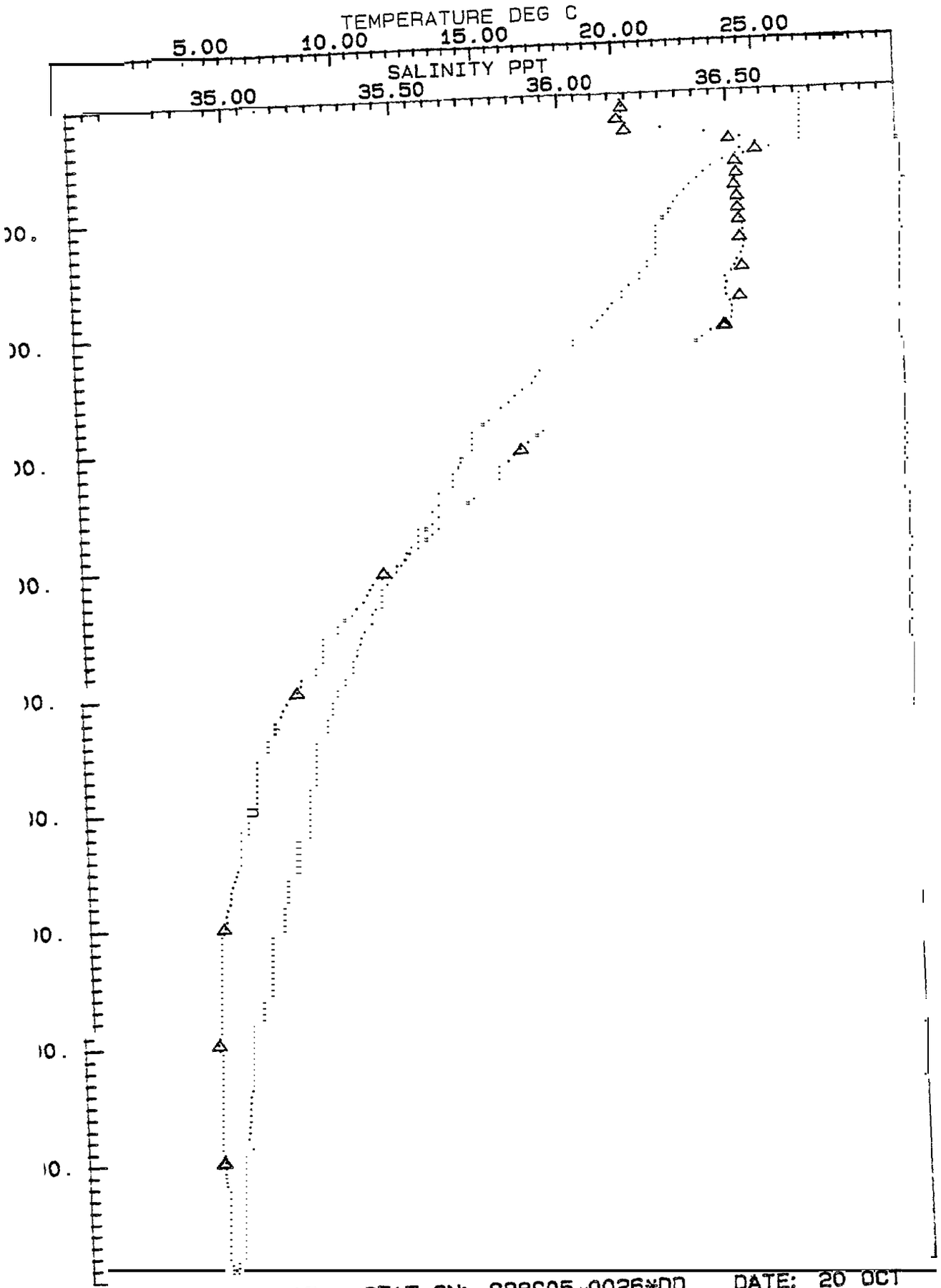
DEPTH	TEMP	SALT	SIGMA-T	XSM
10U5.O	5.141	34.912	27.589	9.00
1010.0	5.112	34.914	27.594	9.00
1015.0	5.090	34.914	27.597	9.00
1020.0	5.059	"34>915	27.602	9.00
1025 0	5.044	34.917	27.604	9.00
1030.0	5,031	34.917	27.606	9.00
1035.0	5.009	34.918	27.6(J9	9.00
1040.0	4.991	34.'319	27.612	9.00
1045 0	4.954	34.920	27.618	9.00
1050.0	4.934	34.922	27.621	'3.00
1055.0	4.924	34.922	27.623	9.00
1060,0	4.913	34.922	27.624	9,00
1065.0	4.891	34.922	27.626	9.00
1070,0	4.879	34.'323	27,6'29	9.00
1075.0	4.860	34.925	27.63"3	9.00
1080.0	4.83?	34.926	27.636	9.00
1085.0	4.824	34.927	27.638	9.00
1090.0	4.809	34.928	27.640	9.00
1095.0	4.783	34.9'29	27.644	9.00
1100.0	4.764	34.929	27.646	9.00
1105.0	4,747	34.930	27.650	9.00
1110.0	4.724	34.932	27.653	9.00
1115.0	4.698	34.933	27.657	9.00
1120.0	4.677	34.9'34	27.660	9.00
1125.0	4.663	34.935	27.662	9.00
11'30.0	4.658	34.935	27.663	9.00
1135 0	4.657	34.935	27.663	9.00
1140.0	4.647	34.935	27.665	9.00
1145.0	4.631	34.937	27.667	9.00
1150.0	4.618	34.937	27.669	9.00
1155.0	4,612	34.937	27.670	9.00
1160.0	4.602	34.938	27.672	9.00
1165.0	4.589	34.938	27.673	9.00
1170.0	4.575	"34.93'3	27.676	9.00
1175.0	4.568	34.939	27.677	9.00
1180.0	4.554	34,941]	27.679	9.00
1185.0	4.534	34.941	27.682	9.00
1190.0	4.523	34.942	27.684	9.00
1195.0	4.5u6	34.943	27.686	9.00
1200.0	4,502	34.943	27.687	9.00
1205.0	4.497	34.943	2"7 .688	9.00
1210.0	4.488	34.9'44	27.689	9.00
1215.0	4.474	34.944	27.691	9.00
1220.0	4,467	34.945	27.693	9.00
1225.0	4.458	34.945	27.694	9.00
1230.0	4.440	34,947	27.697	9.00
1235.0	4.429	34,947	27.698	9.00
1240.0	4.424	34.947	27.699	9.00
1245.0	4.421	34.948	27.699	9.00
1250.0	4.415	34.947	27,700	9.00

DEPTH	TEMP	SALT	SIGMA-T	XSM
1255.0	4,408	34.948	27.702	9.00
1260.0	4.400	34.94'3	27.703	9.00
1265.0	4>39'3	34.948	27.703	9.00
1270.0	4.395	34.949	27.703	9.00
1275.0	4.385	34.950	27.705	9.00
12:30.0	4.380	34.950	27.705	9.00
1285.0	4.374	34,950	27.706	9.00
1290.0	4.370	34. 950	27.707	9.00
1295.0	4.364	34.950	27.708	9.00
1300.0	4.361	34.951	27.709	9.00
1305.0	4.360	34.951	27.708	9.00
1310.0	4.360	34.951	27.708	9.01
1315.0	4.359	34.950	27'.708	9.01
1320.0	4.355	34.951	27.709	9.01
1325,0	4.350	34.951	27.710	9.01
1330.0	4.347	34.951	27.710	9.01
13'35.0	4.346	34.951	27.711	9.01
13411.11	4.344	34.952	27.711	9.01
1345.0	4.341	34.952	27.711	9.01
1350.0	4.336	34. 952	27.712	S o l
1355.0	4.332	34, 952	27.713	9.01
1360.0	4.331	34.952	27.713	9.01
1:365, 0	4.331	34.952	27.713	9.01
1370.0	4.325	34.953	27.714	9.01
1375.0	4.324	34. '353	27.714	9.01
1380.0	4.324	34.953	27.714	9.01
1385.0	4.323	34.953	27.714	9.01
1390.0	4.323	34.953	27.715	9.01
1395.0	4.323	34.953	27.715	9.01
1400.0	4.31?	34,953	27.715	9.01
1405.0	4.312	34.953	27.716	9.01
1410.0	4.306	34.954	27.717	9.01
1415.0	4.303	34.954	27.718	9.01
1420.0	4.299	34.954	27.718	9.01
1425.0	4.295	34.954	27.719	9.01
1430.0	4.29"3	34.954	27.719	9.01
1435.0	4.291	34.955	27.719	9.01
1440.0	4.289	34.955	27.720	9.01
1445.0	4.286	34.955	27.720	9.02
1450>0	4>284	34.955	27.720	9.02
1455.0	4.283	34<955	27.720	9.02
1460.0	4.281	34.955	27.721	9.01
1465.0	4.274	34.956	27.72'2	9.01
1470.0	4.264	34.956	27.724	9.01
1475.0	4.259	34.956	27.724	9.01
1480.0	4.256	34.957	27.725	9.01

STATION S88G05*026A*DD CRUISE 88G05 DATE 20 OCT GMT 7:47 AM LAT 26 32.9 LON 94 40.3 DEPTH OFFSET 0.0

DEPTH	TEMP	SALT	SIGMA-T	XSM
5.0	26.595	36.097	23.676	8.80
10.0	26,59:3	36.190	23>745	8.87
15.0	26.53:7	36.189	23.7'44	8.88
20.0	26.597	36. 189	23.744	8.88
25.0	26.602	36.191	23.745	8.88
30.0	26.647	36.245	23.771	8.88
35.0	2.5.769	36.417	23.861	8.89
40.0	26.64:3	36.507	23.968	8.91
45.0	26.601	36.589	24.045	8.91
50.0	25.960	36.591	24.249	8.90
55.0	24.733	36.558	24.603	8.89
60.0	24.245	36.539	24.73S	8.89
65.0	23.764	36.514	24.860	8.90
70.0	23.374	36.523	24.982	8.90
75.0	22,995	36.511	25.086	8.90
80.0	22.671	36.506	25.173	8.91
85·0	22.506	36,507	25.221	8.91
90.0	22.296	36.507	25.281	8.90
95.0	22.074	36.520	25.354	8.91
100 1)	21.930	36.507	25.384	8.91
105.0	21.742	36.519	25.447	8,92
110.0	21.598	36.522	25.490	8.93
115.0	21.486	36.525	25.523	8.94
120.0	21.416	36.523	25.545	8.95
125.0	21.363	36.530	25.561	8.95
130.0	21.326	36.533	25.573	8.96
1"35.0	21.'2s0	36,531	25.5132	8.96
140.0	21.250	36.529	25.591	8.96
145.0	21 ,1-9	36.521	25.605	8.97
150 0	21.122	36.517	25.617	8.97
155.0	21.044	36.507	2'5.631	8.97
160.0	20.397	36.501	25.667	8.97
165 0	20.603	36 478	25.729	8.97
170.0	20.288	36.473	25.810	8.97
175.0	20.018	36.469	25.879	8.97
180 0	19.709	36.467	25.959	8.97
185 0	19.518	36.475	26.016	8.97
190.0	19.326	36.4:34	26.073	8.97
195.0	19.014	36.465	26.13'3	8.97
200.0	18.871	"36.460	25.172	8.97
205.0	18.662	36.441	26.211	8.97
210.0	18.353	36.404	26,261	8.97
215.0	18 .116	36.383	26.304	8.97
220.0	17.840	36.349	26,347	8.97
225.0	17.554	36.317	26.392	8.97
230.0	17.342	36.287	26.421	8,97
235.0	17.090	36.249	26.453	8.98
240 1)	16.798	36.211	26.493	8.97
245.0	16.586	36.182	26.521	8.97
250.0	16.438	36.163	26,542	8,97
255 0	16.175	36.115	26.566	8.97
260.0	15 ,89-2	36.074	26.600	8.97
265.0	15. 711	'36.054	26.626	8.97
270.0	15.555	36.0'33	26.645	8.97
275 .0	15.345	35.997	26.665	8.97.
280.0	15.217	35.978	26.679	8.97
285.0	14.997	3s .945	26.702	8.97
290.0	14.757	35.910	26,728	8.96
295.0	14.518	35.873	26.752	8.97
300.0	14.333	35 ,84?	26,772	8,97
305.0	14.244	35.824	26 .773	8.96
310.0	14,126	35.803	26 .782	8.97
315.0	13.960	35.?67	26.789	8,97
320.0	13.733	35.740	26.817	8.97
325 0	13>504	3s.711	26.842	8.97
"330,0	13.2"37	35 .675	26,869	8.97
335.0	13.108	35.659	26.882	8.97
340.0	13.070	35.651	26.884	8.97
345.0	12.952	35.629	26.891	8.97
350.0	12.790	35.605	26, 905	8.97
355.0	12.664	'35.585	26.'314	8.98
360.0	12.524	'35.5%5	26.926	8.98
365 .0	12.453	35.554	215.9'32	8.97
370.0	12.347	35.538	26,940	8.97
375.0	12.232	35.518	26.948	8.97
380.0	12.115	35.501	26,957	8,97
385.0	11.958	35.484	26.974	8.9?
3'30.0	11.889	35.470	26 .977	8.97
3's5 .0	11.770	35.448	26.982	8.97
400.0	11.636	'35,432	26.995	8.97
405.0	11.582	35.429	27 003	8.97
410.0	11.531	35.416	27.002	8.97
415.0	11 382	35.397	27.015	8.97
420.0	11.297	.35.385	27.021	8.97
425.0	11.'229	35.373	27.025	8.97
430.0	11.070	35.346	27.033	8.98
4'35.0	10.967	35.330	27.039	8.97
440.0	10.871	35.319	27.04:3	8,97
445.0	10.781	35.307	27.055	8.98
450.0	10.697	35, 303	27.067	8.97
455.0	10.647	35.295	27.070	8.97
460.0	10.525	35.275	27.075	8.97
465.0	10.335	35.239	27.081	8.97
470.0	10.110	35.206	27.095	8.37
475, 0	9.951	35,187	27.107	8.97
480.0	9.891	35.197	27.125	8.97
485 .0	9.866	35.189	27.12'3	8.97
490.0	9,726	35.161	27.125	8.98
495.0	9.623	35.157	27.139	8.98
500.0	9.580	35.153	27. 143	8.98

DEPTH	TEMP	SALT	SIGMA-T	XSM



CRUISE: 88G05 STATION: S88G05 ×0026*DD DATE: 20 OCT
GMT: 4: 11 AM LATITUDE: 26 35.8 LONGITUDE: 94 42.7

STATION S8 8G05*0027*DD CRUISE 88G05 DATE 20 OCT GMT 10:45 AM LAT 26 31.9 LON 94 39.3 DEPTH OFFSET 0.0

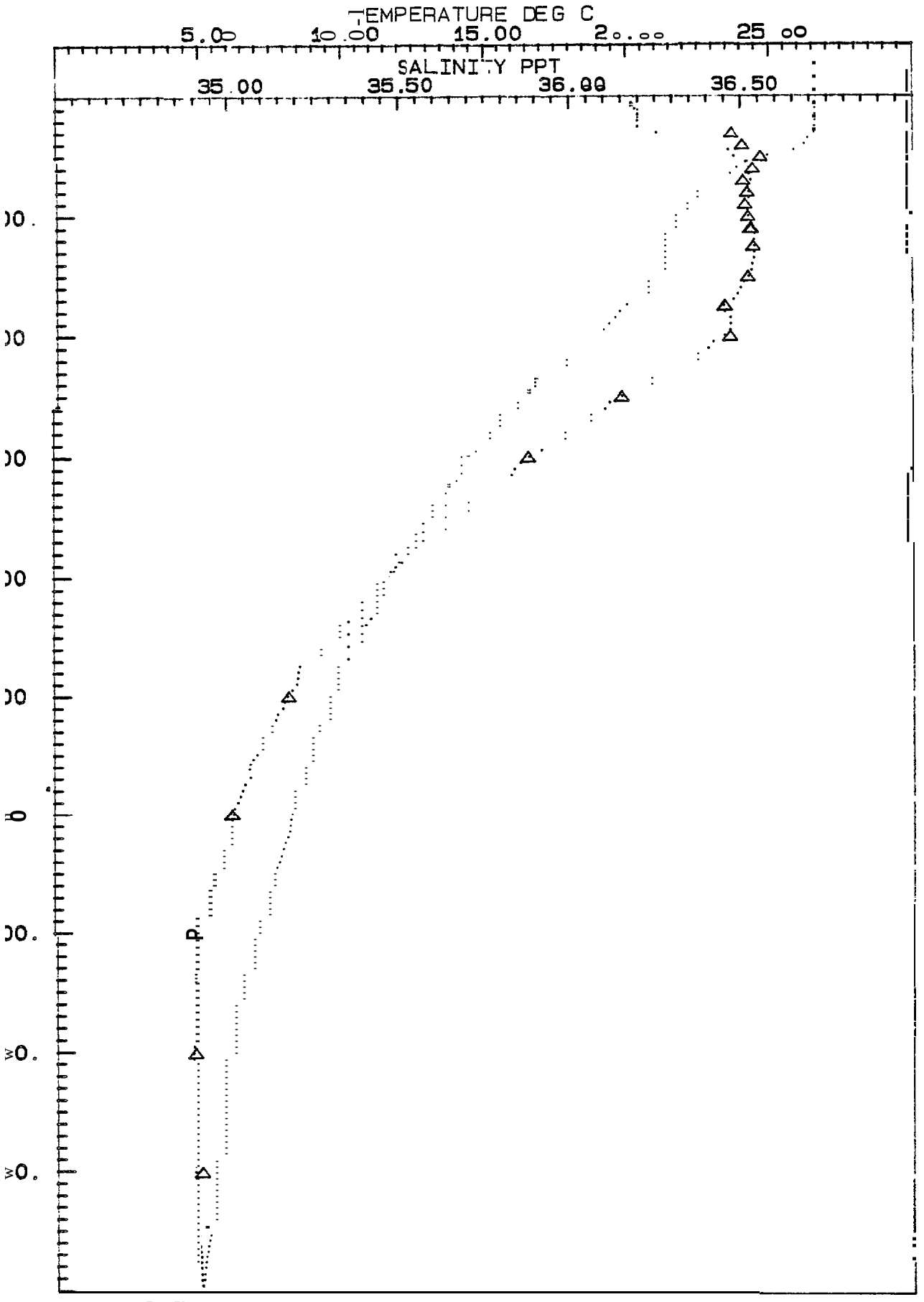
DEPTH	TEMP	SALT	SIGMA-T	XSM
5.0	26.5'36	36.172	23.732	8.89
10.0	26.603	36.182	23. ?37	8.90
15.0	26.604	36.191	23. 744	8.90
20.0	26.605	36.191	23.743	8.90
25.0	26.591	36.190	23.747	8.90
30.0	26.563	36.246	23.798	8.89
35, (J	26.341	36,370	23.962	8.88
40.0	26.225	36.507	24.102	8.89
4s.0	25.861	36.455	24.1?7	8.89
50.0	24,927	36.471	24.477	8.90
55.0	24.21?	36.505	24.718	8.90
60.0	23.855	36.513	24.833	8.90
65.0	23,633	36.514	24.898	8.91
70.0	23.200	36.520	25.030	8.91
75.0	22.768	36.511	25.149	8.92
80>0	22.495	36.514	25.229	8.92
85.0	22.33?	36,513	25,276	8.92
90.0	22.136	36.512	25. '3"31	8.91
95.0	21.982	313.51O	25.372	8.92
100.0	21.846	36.512	25.412	8.92
105 0	21.731	36.521	25.4S1	8.93
1100	21.5$30	36.527	2S.4'3S	8.94
115.0	21.472	'36.531	25.5"31	8.95
120.0	21.420	36.528	25.544	8.95
125.0	21.335	36.529	25.554	8.95
131],1)	21.344	36.52'3	25.565	8.96
135.0	21.311	36.528	25.574	8.96
140 1]	21.257	36.523	25.585	8.97
145.0	21.176	36.521	25.605	8.97
150.0	21.072	36.513	25.627	8.97
155 0	20.999	36.499	25.665	8.97
160 1)	20.772	36.489	25.692	8.97
165.0	20.538	36.-381	25.74'3	8.97
170.0	20.305	36.468	25.802	8.97
175 0	19.996	36.441	25.864	8.97
180.0	19.755	36.444	25.929	8.97
185.0	19.594	36.460	25.9:35	8.98
190.0	19.387	36.461	26.039	8.98
195.0	19.201	36.459	26 087	8.98
200.0	18.870	36.443	26.159	8.98
205.0	18 ,655	36.411	26.190	8.98
210.0	18.424	36.398	26.238	8.98
215.0	18.15'2	36.366	26.282	8.98
220.0	17.881	36.350	26.337	8.98
225.0	17.699	36.327	26.365	8.98
230.0	17.453	36.296	26.401	8.98
235.0	17.140	36.231	26.427	8.98
240.0	16.900	36.227	26.481	8.98
245.0	16.728	36.196	26,499	8.98
250.0	16.464	36.142	26.520	8.98

DEPTH	TEMP	SPILT	SIGMA-T	XSM
255.0	16.166	36.107	26.562	8.97
260.0	15.991	36, 093	26.592	8.97
265.0	15.694	36.053	26.629	8.97
270.0	15.557	36.036	26.647	8.97
275.0	15.390	36.011	26.666	8.97
280.0	15.197	35.977	26.683	8.97
285.0	15.082	35.966	26.700	8.97
290.0	14.942	35.945	26.714	8.97
295.0	14.692	35.908	26.741	8.97
300.o	14.471	35.873	26.762	8.97
305,0	14.302	35.849	26.779	8.97
310.0	14.185	35.8.31	26.791	8.96
315.0	14.154	35.822	26 790	8.97
320.0	14.00'3	35.801	26.805	8.97
325.0	13.814	35. 770	26.823	8.97
330.0	13.654	35.746	26.83?	8.97
335.0	13.485	35.718	26.851	8.97
340.0	13.285	35,692	26.872	8.97
345.0	13.176	35.673	26.880	8.97
350 1]	13.023	35.648	26.891	8.97
355.0	12.883	35.627	26.903	8.98
360.0	12.799	35.616	26.911	8.97
365.0	12.622	35,5:35	26.923	8.98
370.0	12.459	35.561	26.937	8.98
375.0	12.277	35.539	26.955	8.98
380 U	12.120	35.516	26.969	8.97
3:35.0	11.991	35.498	26.979	8.97
390.0	11,8'30	35.481	26.984	8.97
395.0	11.821	35.467	26.98?	8.97
400.0	11.647	35.445	27.002	8.97
41.15,0	11.53'3	35.430	27.011	8.97
410. U	11.475	35.418	27.015	8.97
415.0	11.440	35.412	27.016	8.97
420.0	11,3'31	35.393	27.021	8.97
425.0	11.234	35.3:31	27.030	8.97
430.0	11.148	35,370	27.038	8.97
435.0	11.004	35.350	27.048	8.97
440.0	10.856	35,3"31	27.060	8.97
445.0	10.6 9	35.317	27.065	8,97
450.0	10.687	35.305	27.070	8.97
455.0	10.54U	35.282	27.078	8.97
460.0	10.36.3	35.263	27.095	8.97
465.0	10.217	35.245	27,106	8.97
470.0	10.027	"3S.219	27.119	8.97
475, 0	9.870	35.201	27. 132	8,97
480.0	9.864	35. 196	27.129	8,97
485.0	9.S62	35.195	27.128	8.97
490.0	9.856	35.1'33	27.128	8.97
495.0	9.789	35.178	27, 128	8.97
500.0	9.636	35.165	27.143	8.97

DEPTH	TEMP	SALT	SIGMA-T	XSM
505.0	9,577	35.157	27.147	8.97
510.0	9.542	35.152	27.149	8.97
515.0	9.431	35.137	27, 156	8.97
520.0	9,367	35.1.32	27, 162	8.97
5'25, 0	9.215	35.119	27.177	8.96
530.0	9.142	35.107	27.180	8.96
535.0	9.064	35, 092	27.180	8.96
540.0	8,976	35.08:3	27.191	8.96
545.0	9.928	35.082	27.194	8.95
550.0	8.864	35.075	27.199	8.96
555.0	8.786	35, 064	27.203	8.96
560,0	8.725	35.056	27.207	8.96
565.0	8.671	35.0s4	27.213	8.95
570.0	8.618	35. 046	27.215	8.95
575.0	8 .547	35.040	27,222	8.95
580.0	8.481	35.033	27.227	8.96
585.0	8.427	35.027	27.230	8.96
590.0	8.361	.35.020	2?.235	8.96
5'35.0	8.291	35.011	27.238	8.96
600.0	8.223	35, 007	27.246	8.96
605.0	8.194	35.004	27.248	8.96
610.0	8.171	35.001	27.249	8.96
615.0	8.144	34.997	27.250	8.97
620 II	8.0:39	34.992	27.2's5	8.97
625.0	8.007	34.984	27.261	8.97
630.0	7.945	34.977	27.264	8.97
635.0	7.876	34.974	27.273	8.97
640.0	7.814	.34.96'3	27.278	8.97
645 .0	7.727	34.962	27.285	8.97
650.0	-.656	34.955	27.290	8.97
655.0	7.619	34.953	27.294	8.97
660.0	7.572	34,9511	27.298	8.97
6b5 .0	7.472	34.944	27.308	8.97
670.0	?. 454	34.940	27.308	8.97
675 0	7.427	34.937	27.309	8.97
680,0	7.361	34.932	27.315	8.97
685.0	?. 282	34.932	27.326	8.97
6'311,0	7.193	34.924	27.333	8.97
695, 0	7.103	34.921	27.342	8.97
700.0	7.0.34	34.913	27.346	8.97
705, 0	6.929	34.911	27.359	8.97
710.0	6.895	34.909	27. 362	8.97
715.0	6.868	34.907	27.364	8.97
720.0	6.818	34.906	27.370	8.97
725.0	6.?70	34.902	27.374	8.98
7"30 .0	6.731	34.901	27.378	8.98
735 0	6.657	34.896	27.384	8.98
740.0	6.617	34.8'36	27.390	8.98
?45 .0	6,588	34.896	27.394	8.98
750.0	6.556	34.895	27,397	8.98

STATION S88G05*0027*DD CRUISE 88G05 DATE 213 OCT GMT 10:45 AM LAT 26 31.9 LON 94 39.3 DEPTH OFFSET 0.0

DEPTH	TEMP	SALT	SIGMA-T	XSM
755.0	6,475	34.891	27.405	8.98
760.0	6.382	34.895	27.420	8.98
765.0	6.344	34.892	27.423	8.98
770.0	6.304	34.890	27.427	8.98
775.0	6.259	34.891	27.433	8.98
780.0	6,240	34.890	27.4.35	8.98
785.0	6.206	34.890	27.439	8.98
790.0	6.172	34.889	27.443	8.98
795.0	6.144	34.890	27.447	8.98
800.0	6.128	34.889	27.449	8.98
805.0	6,0513	34.889	27.454	8.98
810.0	6, 055	34.891	27.459	8.98
815.0	6.028	34.890	27.463	8.98
820.0	5.995	34. 890	27.466	8.98
825.0	5.979	34.891	27.469	8.98
830.0	5,965	'34.891	27.471	8.98
835.0	5.942	34.891	27.474	8.98
840.0	5.911	34.891	27.479	8.98
845.0	5.879	34.892	27.483	8.98
850.0	5.8"39	34.893	27.489	8.98
855.0	5.794	34.895	27.496	8.98
860.0	5.777	34.894	27.497	8.98
865.0	5.753	34.894	27.501	8.98
870.0	5.732	34.894	27.50"3	8.98
875.0	5.710	34. 895	27,507	8.98
880.0	5.695	34.895	27.509	8.98
885.0	5.678	34.896	27.511	8.98
890.0	5.658	'34.895	27.513	8.98
895.0	5.628	34.896	27.518	8.98
900.0	5.599	34, 897	27.522	8.98
905.0	5.574	34.898	2? ,526	8.98
910.0	5.530	34.900	27.533	8.98
915.0	5.485	34.901	27.5"39	8.98
920.0	5.454	34.902	27.544	8.98
925.0	5.'445	34.902	27,545	8.98
930.0	5.429	34.903	27.547	8.98
935.0	5.401	34.904	27.552	8.98
940.0	5.376	34.905	27,556	8.98
945.0	5.356	34,904	27.557	8.98
950.0	5.342	34.905	27.560	8.98
955.0	5.305	34.905	27,564	8.98
960.0	5.271	34.908	27.571	8.98
965.0	5, 248	34.909	27.574	8.99
970.0	5.210	34.911	27.581	8.99
975.0	5.191	34,910	27.582	8.99
980.0	5.173	34.912	27,5135	8.99
985.0	5.150	34.913	27.589	8.99
990.0	5, 135	34.913	27.590	8.99
995.0	5.088	34.915	27.598	8.99
1000.0	5, 072	34.916	27.601	8.99
1005.0	5.064	34.916	27.602	8.99
1010,0	5.042	34.917	27.605	8.93
1015.0	5.014	34.'317	27.608	8.99
1020.0	4.980	34.920	27.614	8.99
1025 0	4.957	34.921	27.618	8.99
1030.0	4,935	34.922	27.621	8.99
1035.0	4.917	34.922	27.624	8.99
1040.0	4.905	.34,923	27.625	8.99
1045.0	413%	34.924	27.628	8.99
1050.0	4.878	34,924	27.630	8.99
1055.0	4.856	34.925	'27.633	8.99
1060.0	4.8"38	34.926	27.636	8.99
1065.0	4.806	34.929	27.641	8.99
1070.0	4.781	34.929	27.645	8,99
1075.0	4.757	34.929	27.647	8.99
1080.0	4.751	34.931	27.649	9.00
1085.0	4. 749	34.930	27.649	8.99
1090.0	4.745	34930	2?.650	8.99
1095.0	4.734	34.931	27.652	9.00
1100.0	4.707	3493"3	27.656	9.00
1105.0	4.689	34.934	27.659	9.00
111 O.IJ	4.681	34,934	27.660	9.00
1115.0	4.668	34.9'35	27.662	8.99
1120.0	4.661	34,9.35	27.663	8.99
1125.0	4.651	34.936	27.664	8.99
11"30.0	4.638	34.937	27.667	8.99
1135.0	4.617	34936	27.669	8.99
1140.0	4.608	34.938	27.671	9.00
1145.0	4.598	34938	27.673	8.99
1150.0	4.593	34.938	27.67"3	9 00
1155.0	4.580	34.939	27.675	9.00
1160.0	4.566	34.940	27,6?'7	9.00
1165.0	4.552	34.940	27.679	9.00
1170.0	4.543	34.941	27.681	'9.00
1175.0	4.538	34.941	27.682	8.99
11s0.0	4.529	34.942	27.683	8.99
1185.0	4.521	34.942	27.684	8.99
1190.0	4.510	34.943	27.686	8.99
11'35.0	4.498	34.944	27.688	8.99
1200.0	4.4'31	34.944	27.689	9.00
1205.0	4.479	34.945	27.691	9.00
1210.0	4.471	34.945	27.692	9,00
1215.0	4.459	34.946	27.694	9.00
1220.0	4.450	34.946	27,695	9,00
1225.0	4.447	34.946	27.696	9.00
1230.0	4.436	34.94?	27.6'3?	9.00
1235.0	4.429	34.947	27.698	9.00
1240.0	4.425	34,947	27.699	9.00
1245.0	4.418	34.948	27.700	9.00
1250.0	4.408	34.949	27.702	9.00
1255.0	4,400	34.949	27.703	You
1260.0	4.398	34.949	27.703	9.00
1265 0	4.389	34.950	27.704	9.00
1270.0	4.386	34.950	27.705	9.00
1275.0	4.379	34.950	27.706	9.00
1280.0	4,375	34.950	27.706	9.00
1285.0	4.369	34.950	27.707	9.00
1290.0	4.362	34.951	27.708	9.00
1295.0	4356	34.951	27.709	9.(JO
131)0,0	4.351	34.952	27.710	9.00
1305.0	4.349	34.952	27.711	9.00
1"310.0	4.345	34.952	27.711	9.00
1315.0	4.342	34.952	27.712	9.00
1320.0	4.340	34.952	27.712	9.00
1325.0	4.336	34.952	27.713	9.00
13'30.0	4.333	34.952	27.713	9.00
13'35.0	4328	"34.953	27.714	9.00
1340,0	4.325	"34.953	27.714	9.00
1345.0	4.325	34.953	27.714	9.00
1350.0	4,326	34.953	27.714	9.00
1355.0	4.325	34.95"3	27.714	9.00
1360.0	4.323	34.953	27.715	9.00
1365.0	4,322	34.953	27.715	9.00
1'370.0	4.319	.34.953	27.715	9.00
1375.0	4.313	34.953	27.716	9.00
1380.0	4,311	34.954	27.717	9.00
1385.0	4.309	34.'354	27.717	9.00
1390.0	4.309	34.954	27.717	9 00
1395.0	4.307	34.954	27.717	9.00
1400.0	4.304	34.954	27.718	9.01
1405.0	4.302	34.954	27.718	9.01
141O.IJ	4.302	34.954	27.718	9.01
1415.0	4.302	34.954	'27.718	9.01
1420.0	4,300	34.954	27.718	'3.01
1425.0	4.299	34.954	27.718	9.01
1430.0	4.297	34,954	27,719	9.01
1435.0	4.295	34.954	27.719	9.01
1440,0	4.292	34.954	27.719	9.01
1445.0	4.290	34.955	27.719	9.01
1450,0	4.288	34.955	27,720	.9.01
1455.0	4.286	34.955	27.720	9.01
14s0.0	4.285	34.955	27,720	9.01
1465.0	4.283	34.955	27.720	9.01
1470.0	4.280	34.955	27.721	9.01
1475.0	4.278	34.955	27.721	9.01
1480.0	4.277	34,956	27.722	9.01
1485.0	4.275	34.956	27.722	9.01
1490.0	4,274	34.956	27.722	9.01
1495.0	4.272	34.956	27.722	9.01



CRUISE: 88G05 STATION: S88G05*0027*DD DATE: 20 OCT
GMT: 10:45 AM LATITUDE: 26 31.9 LONGITUDE: 94 39.3

5 METER AVERAGED EXPENDABLE BATHYTHERMOGRAPH

PROBE T-7 CRUISE 88G05 STATION X88G05*27*1 DATE 20OCT88 GMT 1220 LAT 26 31.4 LON 94 39.3 OPERATOR

z	T	z	T	z	T	z	T	z	T	z	T	z	T	z	T
2.6	26.52	202.4	18.39	402.5	11.34	602.4	7.98	802.2	5.89						
7.5	26.54	207.3	18.19	407.5	11.23	607.5	7.91	807.5	5.86						
12.6	26.53	212.3	17.93	412.3	11.16	612.3	7.85	812.7	5.81						
17.5	26.53	217.6	17.55	417.3	11.09	617.5	7.79	817.6	5.77						
22.4	26.52	222.5	17.33	422.4	11.02	622.6	7.76	822.5	5.75						
27.5	26.53	227.5	17.13	427.5	10.89	627.5	7.72								
32.4	26.46	232.5	16.88	432.5	10.79	632.3	7.69								
37.3	26.43	237.5	16.63	437.6	10.66	637.4	7.62								
42.5	26.21	242.4	16.42	442.6	10.57	642.6	7.55								
47.4	26.23	247.4	16.17	447.4	10.53	647.4	7.51								
52.3	24.89	252.4	15.90	452.5	10.42	652.3	7,4,7								
57.5	24.02	257.4	15.77	45'.7.5	10.34	657.4	7.45								
62.7	23.58	262.3	15.58	462.3	'1O.23	662.6	7.41								
67.5	23.22	267.3	15.35	467.4	10.06	667.4	7.37								
72.4	22.88	272.3	15.23	472.4	9.88	672.3	7.29								
77.7	22.51	277.3	15.01	477.5	9.75	677.5	7.19								
82.5	22.27	2132.3	14.81	482.6	9.60	682.6	7.15								
87.4	22.136	.28?.3	14.67	487.4	9.45	687.5	7.10								
92.3	21.90	292.6	14.42	492.5	9.44	692.3	7. 02								
97.3	21.73	297.6	14.19	497.5	9.43	697.5	7.00								
11]'2.5	21.55	302.6	14.05	502.3	9.42	702.7	6.96								
107.4	21.40	307.6	13.88	507.4	9.37	707.5	6.91								
112.3	21.27	312.3	13.84	512.5	9.24	712.4	6.87								
117.5	21.22	317.3	13.66	517.3	9.16	717.2	6.?7								
122.4	21.20	322.3	13.47	522.4	9.10	722.5	6.68								
127.4	21.15	327.3	13.32	527.5	9.04	727.7	6.60								
132.6	21.11	332.3	13.19	532.3	8.96	732.5	6.52								
137.5	21.05	337.4	13.02	537.4	8.83	737.4	6.4?								
14'2.4	20.98	342.4	12.89	542.5	8.73	742.2	6.42								
147.4	20.85	347.4	12.78	547.3	8.63	747. 5	6.40								
152.3	20.72	352.4	12.65	552.4	8.59	752.7	6.37								
157.6	20.54	357.5	12.55	557.5	8.53	757.5	6.31								
162.5	20.33	362.5	12.45	562.3	8.4:3	762.4	6.29								
167.4	20.07	367.5	12.25	567.4	8.40	767.3	6.22								
172.4	19.69	372.6	12.09	572.6	8.34	772.2	6.18								
177.3	19.50	377.6	11.90	577.4	8.30	777.4	6.15								
182.6	19.30	382.6	11.74	582.5	8.23	782.6	6.11								
187.5	19.07	387.3	11.65	587.6	8.19	787.5	6.03								
192.5	18 .95	392.4	11.58	592.4	8.14	792.4	5.96								
197.4	18.63	397.4	11.49	597.2	8.06	797.3	5.93								

STATION S98G05*0028*DD CRUISE 88G05 DATE 20 OCT GMT 4:25 PM LAT 26 59.9 LON 94 44.9 DEPTH OFFSET 0.0

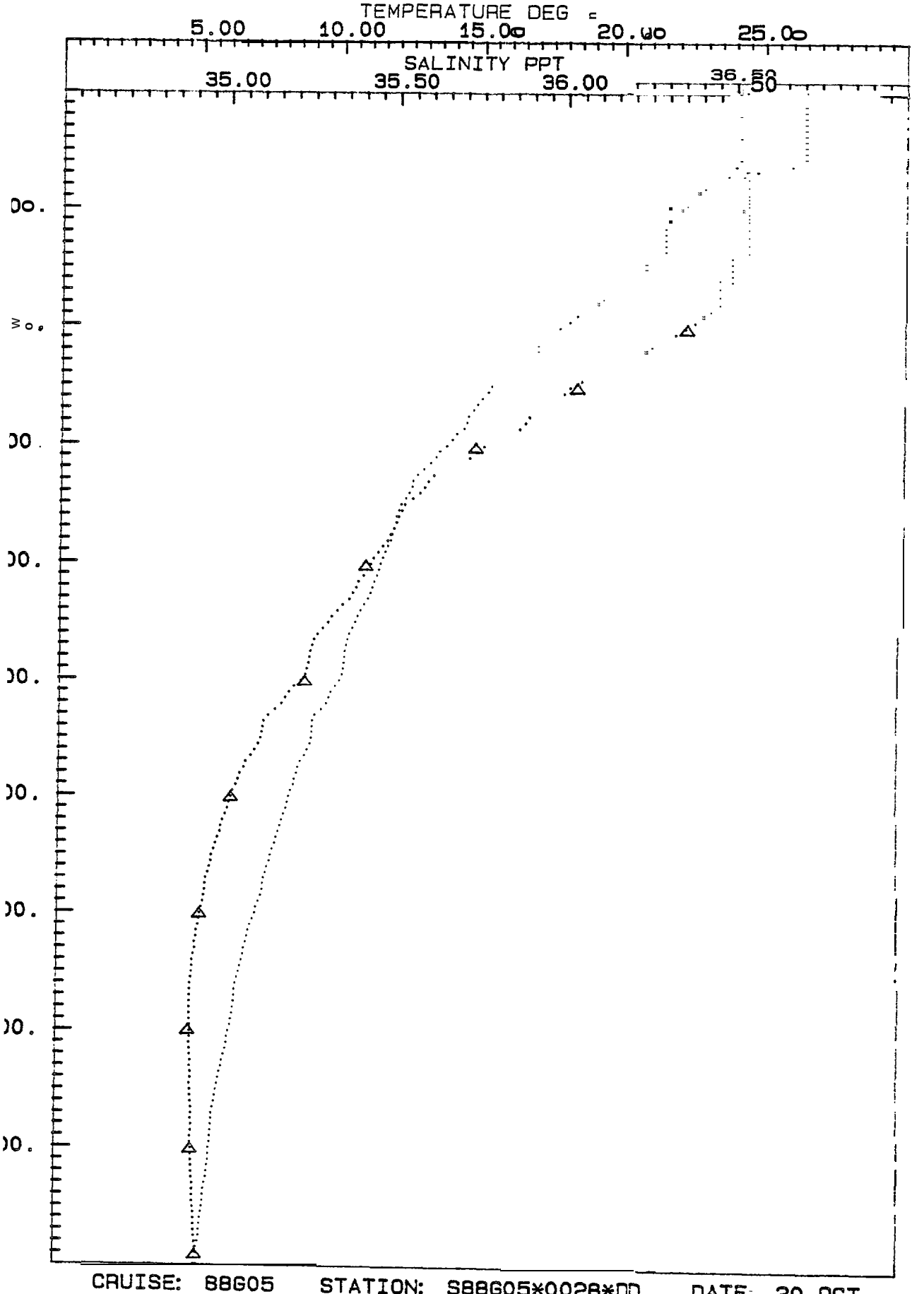
DEPTH	TEMP	SALT	SIGMA-T	XSM
10. II	26.442	36.519	24.042	8.91
15.0	26.438	36.5114	24.03"3	8.91
20.0	26.436	36.485	24.019	8.91
25.0	26.436	36.490	24.022	8.91
30.0	26.432	36.496	24.0213	8.91
35.0	26.432	36.499	24.031	8.91
40.o	26.431	36.501	24.032	8.91
45.0	26.432	36.502	24, 033	8.91
50.0	26.432	36.503	24.033	8.91
55.0	26.427	36,50"3	24.035	8.91
60.0	25.917	36,486	24.183	8.89
65.0	24.'325	36.550	24.720	8.88
70.0	23.684	36.511	24.881	8.90
75.0	23.051	36.532	25,0S3	8.91
80.0	22.831	36.518	25.136	8.91
85.u	22 ,604	36.51"3	25>198	8.92
90.0	22.401	36.510	25.253	8,92
95.0	22.169	36.512	25.321	8.92
100.0	21.956	36.506	25.376	8.92
105 0	21.735	36.517	25.447	8.92
110.0	21.631	36.521	25.479	8.93
115.0	21.517	36>524	25.513	8.93
120,0	21.445	36,523	25.533	8.94
125.0	21.382	"36.523	25.550	8.94
130.0	21.307	36.518	25.567	8.95
135.0	21.196	36.509	25.591	8,95
140.0	20.984	36.482	25.629	8.96
145.0	20.763	36.471	25.680	8.97
150 (J	20.590	35.474	25.730	8.97
155.0	20.356	36 .473	25.792	8.97
160 0	20.092	36.460	25.853	8.97
165 0	19.889	36.433	25.886	8.97
170.0	19.486	36 4"38	25.996	8.97
175 .o	19.251	36.437	26.057	8.97
180.0	19.023	36.431	26.111	8.97
185.0	18.749	36.411	26.166	8.97
190.0	18.304	36.394	26.265	8.98
195.0	18.055	36.365	26.306	8.98
200.0	17.7'24	36.339	26.368	8.98
205.0	17.466	36.'311	26.409	8.98
210.0	17.213	36.273	26.441	8.97
215.0	16.949	36.240	26.4:30	8.97
220.0	16.829	36.222	26.49S	8.97
225.0	16.586	36.186	26.524	8.97
230.0	16.261	36.141	26.566	8.97
235.0	16.01'2	36,109	26.599	8.97
240.0	15.786	36.0613	26.619	8.97
245.0	15.532	36.032	26.649	8.97
2s0.0	15.299	35.999	26,677	8.97
255.0	15.179	35.983	26.691	8.97
260.0	14.975	35.953	26.713	8.97
265.0	14.804	35.925	26.729	8.97
270,0	14.669	35.902	26.742	8.97
275 0	14.484	35.878	26.763	8.9,7
280.0	14.429	35.867	26.766	8,9?
285.0	14.326	35.851	26.776	8.97
290.0	14.050	35.813	26.806	8.97
295.0	13.910	35.781	26.811	8.97
300.0	13.721	35.?46	26.823	8.96
305.0	13.474	35.724	26.858	8.96
310.0	13.349	35.705	26.869	8.96
315.0	13.151	35.666	26.879	8.97
320.0	12.915	35.640	26.907	8.97
325.0	12.694	35.597	26.917	8.96
330.0	12.533	35.580	26 .937	8.97
335.0	12.497	35,570	26.936	8.97
340.0	12.407	35.557	26.943	8,97
345.0	12.281	35.536	26.952	8.96
350.0	12.119	35.512	26.965	8.95
3'35.0	12.041	"35.503	26.973	8, '34
360.0	11.952	35.494	26.983	8.92
365.0	11.941	35.488	26.980	8.92
370.0	11.879	35.480	26.986	8.92
375.0	11.813	35.470	26.991	8.92
380.0	11.756	35.462	26.995	8.93
385.0	11.672	35.448	27.000	8.93
390.0	11.576	35.435	27.008	8.93
395.0	11.494	"35.421	27.013	8.93
400.0	11.410	35.412	27.022	8.94
405 1)	11.353	35.402	27.025	8.94
410.0	11.280	35.392	27.030	8.94
415.0	11.178	35.376	'27.037	8.95
420.0	11.114	35.370	27.043	8.95
425.11	11.050	35.360	27,047	8,95
4"30,0	10.980	35.351	27.053	8.94
435.0	10.836	35.331	27.064	8.94
440.0	10.712	35.316	27.074	8.94
445.0	10.608	35.298	27.07'3	8.93
450.0	10.525	35.289	27.086	8.93
455.0	10.421	"35.27'3	27.093	8.93
460.0	10.314	35.257	27. 099	8.93
465.0	10.246	35.247	27.103	8.93
470.0	10.201	35.241	27. 1013	8.93
475.0	10.173	.35.237	27.108	8.93
480.0	10.154	35,234	27.109	8.93
485.0	10.137	35,232	27.110	8.93
490.0	10.109	35.226	27.110	8.93
495.0	10.063	35.222	27.115	8.93
500.0	9.978	35.210	27.120	8.94
505.0	9.829	35.188	27.129	8.94
510.0	9.669	35.174	27 145	8.94
515.0	9.596	35.163	27.14:3	8.94
520.0	9.511	35.152	27.154	8.94
525.0	9.347	35.135	27. 168	8.94
530.0	9.113	35.114	27.190	8.94
535.0	9.035	35.100	27.192	8.93
540.0	9.025	35.098	27.191	8.94
545.0	9.008	35,095	27.191	8.94
550.0	8.994	35.09'2	27.192	8.93
555.0	8.948	35.085	27.193	8.94
560.0	8,845	35.0:74	2"7.201	8.95
565.0	8.749	35.063	27.2138	8.95
570.0	8.619	35.049	27.218	8.95
575.0	8.542	35.043	27.225	8.95
580.0	8.495	35, 032	27.224	8.95
585.0	8.416	35, 027	27.232	8.96
590.0	8.385	35.020	27.231	8.96
595, 0	8.281	35.011	27.240	8.96
600.0	8.216	35.005	27.246	8.96
605.0	8.165	34.999	27.249	8.96
610.0	8.118	34.995	27.253	8.96
615.0	8.062	34.990	27.257	8.96
620>0	7.981	34.983	27.263	8.96
625.0	7.925	34.'377	27.267	8.96
630.0	7.859	34.975	27.276	8.96
635.0	7.787	34.967	27.281	8.96
640.0	7.741	34.962	27.283	8.97
645.0	7.656	34.956	27.291	8.97
650,0	7.594	34.949	27.294	8.97
655 O	?,555	34.948	27.499	8.96
660.0	7.475	34.945	27.308	8.97
665.0	7.434	34.941	27.311	8.97
670.0	7.366	34.934	27.316	8.97
675.0	7.335	34.932	27 .315	8.97
680.0	?. 321	34.931	27.320	8.96
685.0	7.270	34.928	27.324	8.97
690.0	7.183	34.926	27.335	8.97
695.0	7.106	34.921	27.342	8.97
700.0	7.065	34.917	27 .344	8.96
705 1)	6.982	34.914	27 .354	8.97
710.0	6.911	34.913	27.363	8.96
715.0	6.845	34.'30s	27.368	8.96
720.0	6.804	34.908	27.373	8.96
725.0	6,755	34.903	27.376	8.96
730.0	6.690	34.9(03	27.385	8.97
735, 0	6.668	34.899	27.3$5	8.97
740.0	6.613	34.896	27.390	8.97
745.0	6.555	34.896	27.398	8.97
750.0	6.511	34.895	27.404	8.97
755.0	6.465	34.8'34	27.408	8.97

STATION S88G05*0028*DD CRUISE 88G05 DATE 2 1 1 OCT GMT 4:25 PM LAT 26 5 ' 3 . 9 LON 94 44.9 DEPTH OFFSET 0 . 0

DEPTH	TEMP	SALT	SIGMA-T	XSM
760 0	6.411	34.892	27.414	8.97
765 0	6.381	34.891	27.417	8.97
770.0	6.368	34.890	27.418	8.9:7
7:75.0	6.352	34.8'30	27.420	8.97
780 0	6.328	34.889	27.423	8.98
785 0	6.295	34.889	27.427	8.98
790.0	6.258	34.889	27.432	8.98
795 0	6.225	34. 890	27.4'37	8.97
800.0	6.178	34.891	27.444	8.97
805.0	6.130	'34.8'32	27.451	8.97
810.0	6.109	34.891	27.453	8.97
815.0	6.074	34.892	27.458	8.97
820.0	6.015	34.893	27.466	8.97
825.0	5.958	34. 894	27.475	8,97
830.0	5,922	34.893	27.478	8.97
835.0	5.866	"34.895	27.487	8.97
840.0	5.825	34.895	27.492	8,97
845. 0	5.798	34.893	27.494	8.98
850.0	5.760	34.895	27.500	8.97
855.0	5.727	34.895	27.505	8.97
860.0	5.689	34.897	27.510	8.97
865.0	5.640	34.898	27.518	8.98
870.0	5.608	34.898	27.522	8.98
875 0	5.599	34.8'5?	27.522	8.98
880 0	5.585	34.898	27.525	8.98
885.0	5.5:32	34.898	27.525	8.98
890.0	5.576	34.898	27.525	8.98
895.11	5.560	34.8'9?	27.527	8.98
900.0	5.529	34.899	27.532	8.98
905.0	5.519	34.899	27.533	8.98
910 0	5 507	34.900	27.535	8 98
915 0	5.480	34.901	27.540	8 9 8
920.0	5.454	34.901	27,543	8.98
925.0	5.437	34.902	27.546	8.98
930.0	5.384	34.904	27.554	8.98
935.0	5 .357	34.905	27.558	8.98
940.0	5.352	34.905	27.558	8.98
945.0	5.339	34.905	27.560	8.98
950.0	5.309	34.907	27.565	8.98
955.1]	5.279	34.908	27.570	8.98
960.0	5.252	34.909	27.574	8.99
965.0	5.231	34.90'3	27.576	8.99
970.0	5.211	34.910	27.579	3.99
975.0	5.202	34.910	27.581	8.99
980.0	5.166	34.913	27.587	8.99
985.0	5.123	34.915	27.594	8.99
990.0	5.067	34.919	27.603	8.98
995.0	5.041	34.919	27.606	8,99
10 130, O	5.017	34.919	27.609	8.99
1005.0	5.007	34.920	27.611	8.99

DEPTH	TEMP	SALT	SIGMA-T	XSM
1010.0	5.001	34.919	27.611	8.99
1015.0	4.975	34.921	27.615	8.99
1020.0	4.964	34.921	27.617	8.99
1025.0	4.956	34.921	27.618	8.99
1030.0	4.932	34.923	27.622	8.99
10"35,0	4.916	34.92.3	27.625	8.99
1040.0	4.902	34.924	27.627	8.99
1045.0	4.871	34.925	27.631	8.99
1050,0	4.851	34.926	27.634	8.98
1055.0	4.839	34.92?	27.636	8.99
1060.0	4.825	34.928	27.639	8.98
1065.0	4.813	34.928	27.640	8.98
1070.0	4.805	34.928	27.641	8.99
1075.0	4.793	34.929	27.643	8.99
1080.0	4.782	34.930	27.645	8.99
1085.0	4.764	34.9.31	27.648	8.99
1090.0	4.2'-35	34.932	27.651	8.98
1095.0	4.726	34.932	27.653	8.99
1100.0	4.?12	34.934	27.656	8.98
1105.0	4.696	34.935	27.659	8.98
111O.II	4,686	34,9"35	27.660	8.98
1115.0	4.671	34.936	27.662	8.99
1120.0	4.664	34.936	27.663	8.99
1125.0	4.658	34.936	27.664	8.99
1130.0	4.658	34,$136	27.664	8.99
1135.0	4.658	34.936	27.664	8.99
1140.0	4.656	34.936	27.664	8.99
1145.0	4.652	34,9"36	27.665	8.99
1150.0	4.649	34.936	27.665	8.99
1155.0	4.646	34,9'36	27.666	8.99
1160.0	4.644	34.936	27.666	8.99
1165.0	4.644	34.1336	27.666	8.99
1170.0	4.642	34.936	27.666	8.99
1175.0	4.63?	34.937	27.667	8.99
1180.0	4.634	34,93?	27.667	8.99
1185.0	4.614	34.938	27.671	8.99
1190.0	4.581	34.941	27.676	8.99
11'35.0	4.573	34.941	27.677	8.99
1201),0	4.570	34.940	27.6?7	8.99
1205.0	4.56?	34,941)	27.678	8.99
1210.0	4.565	34.940	27.678	8.99
1215.0	4.561	34.941	27.679	8.99
1220.0	4.557	34.941	27.679	8.99
1225.0	4.556	34.941	27.679	8.99
1230.0	4s549	34.941	27.680	8.99
1235.0	4.544	34.941	27.681	8.99
1240.0	4.539	34.942	27.682	8.99
1245.0	4.526	34.943	27.684	8.99
1250.0	4.510	34.944	27.687	8.99
1255.0	4.502	34.944	27.688	8.99

DEPTH	TEMP	SALT	SIGMA-T	XSM
1260.0	4.497	34.944	27.688	8.99
1265.0	4.4'30	34.945	27,6'31]	8.99
1270.0	4.473	34.946	27.692	8.99
1275.0	4.448	34.94a	27.697	8.99
1280.0	4.443	34.947	27.697	8.99
1285.0	4.439	34.947	27.697	8.99
1290.0	4.430	34.948	27.699	8.99
1295.0	4.418	34.949	27,700	8.99
1300.0	4.405	34.949	27.702	8.98
1305.0	4,40"3	34.949	27.?03	8.98
1310.0	4.403	34.949	27.703	8.99
1315.0	4.401	34.949	27.703	8.99
1320.0	4.394	34.949	27.704	8,99
1325, 0	4.383	34.'350	27.706	8,99
1330.0	4.359	34.951	27.709	8.99
1335.0	4.342	34.953	27.712	9.00
1340.0	4.327	34.953	27.714	9.00
1345.0	4.316	34.954	27.716	9.00
1350.0	4.303	34.955	27.718	9.00
1355.0	4.295	34.955	27.719	9.00
1360.0	4.288	34,955	27.720	9.00
1365.0	4.282	34.'?56	27.721	9 00
1370.0	4.280	34.956	27,722	9.00
1375.0	4.276	34.956	27.722	9.00
1380.0	4.272	34.956	27.723	9.00
1385.0	4,263	34.956	27.723	9.00
1390.0	4.266	34.957	27.724	9.00
1395.0	4.266	34.'356	27.723	9.00
1400.0	4.255	34.957	27.725	9.00
1405.0	4.249	34.958	27.726	9.00
1410.0	4.245	34.958	27.727	9.00
1415.0	4.245	34.958	27.727	9.00
1420.0	4.245	34.958	27.727	9.00
1425.0	4.242	34.958	27.727	9.00
1430.0	4.238	34.958	27.728	9.00
1435.0	4.237	34.958	27.728	9.00
1440.0	4.235	34.958	27.72S	9.00
1445. 0]	4.234	34.958	27.728	9,00
1450.0	4.235	34.958	27.728	9.00
1455.0	4.235	34.958	27.728	9.00



CRUISE: 88G05 STATION: S88G05*0028*DD DATE: 20 OCT
GMT: 4: 25 PM LATITUDE: 26 59.9 LONGITUDE: 94 44.9

5 METER AVERAGED EXPENDABLE BATHYTHERMOGRAPH

PROBE T-7 CRUISE 88G05 STATION X88G05*28*1 DATE 20OCT88 GMT 1616 LAT 20 59.4 LON 94 45.0 OPERATOR

z	T	z	T	z	T	z	T	z	T	z	T	z	T	z	T
2.6	26.42	202.4	17.55	402.%	11.13	602.4	8.12	802.2	6.08						
7.5	26.40	207.3	17.12	407.5	11.12	607.5	8.08	807.5	6.02						
12.6	26.41	212.3	16.94	412.3	11.11	612.3	?.99	812.7	6.01						
17.5	26.41	217.6	16.67	417.3	11.05	617.5	7.96	817.6	5.98						
22.4	26.40	222.5	16.44	422.4	10.91	622.6	7.93	822.5	5.97						
27.5	26.40	227.5	16.15	427.5	10.83	627.5	7.88								
32.4	26.39	232.5	15.93	432.5	10.72	632.3	7.84								
37.3	26.39	237.5	15.71	437.6	10.65	637.4	7.76								
42.5	26.38	242.4	15.54	442.6	10.56	'642.6	7.61								
47.4	26.39	24?.4	15.39	447,4	10.47	647.4	7.58								
52.3	26.39	252,4	15.13	452.5	10.38	652.3	7.52								
57.5	26.29	257.4	14.97	457.5	10.25	657.4	7.44								
62.7	24.87	262.3	14.69	462.3	10.15	662.6	7.37								
67.5	23.80	267.3	14.53	467.4	10.07	667.4	7.33								
72.4	23.24	272.3	14.38	472.4	9.98	672.3	7.30								
77.7	?2.87	277.3	14.15	477.5	9.91	677.5	7.26								
82.5	22.63	282.3	14.04	482.6	9.86	682.6	7.19								
87.4	22.42	287.3	13.97	487.4	9.77	687.5	7.11								
92.3	22.18	292.6	13.76	492.5	9.73	692.3	7.06								
97.3	21.96	297.6	13.65	497.5	9.6S	697.5	7.01								
102.5	21.69	302.6	13.49	502.3	9.62	7112.7	6.97								
107.4	21.53	307.6	13.22	507.4	9.57	707.5	6.90								
112.3	21.43	312.3	13.11	512.5	9.50	712.4	6.87								
117.5	21.30	317.3	12.98	517.3	9.43	717.2	6.81								
122.4	21.21	322.3	12.82	522.4	9.36	722.5	6.77								
127.4	2?..17	327.3	12.61	527.5	9.20	727.7	6.71								
132.6	21.07	332.3	12.50	532.3	9.12	732.5	6.65								
137.5	20.88	337.4	12.34	537.4	9.08	737.4	6.60								
142.4	20.68	342.4	12.17	542.5	8.98	742.2	6.56								
147.4	20.48	347.4	12.09	547.3	8.89	747.5	6.53								
152.3	20.29	352.4	12.03	552.4	8.85	752.7	6.50								
157.6	20.04	357.5	11.92	557.5	8.78	757.5	6.44								
162.5	19.85	362.5	11.81	562.3	8.73	762.4	6.39								
167.4	19.54	367.5	11.72	567.4	8.63	767.3	6.34								
172.4	19.26	372.6	11.64	572.6	8.48	772.2	6.32								
177.3	19.00	377.6	11.56	577.4	8.42	777.4	6.29								
182.6	18.77	382.6	11.50	582.5	8.36	782.6	6.25								
187.5	18.34	387.3	11.41	587.6	8.29	787.5	6.20								
192.5	18.01	392.4	11.32	592.4	8.25	792.4	6.16								
197.4	17.82	397.4	11.22	597.2	8.18	797.3	6.14								

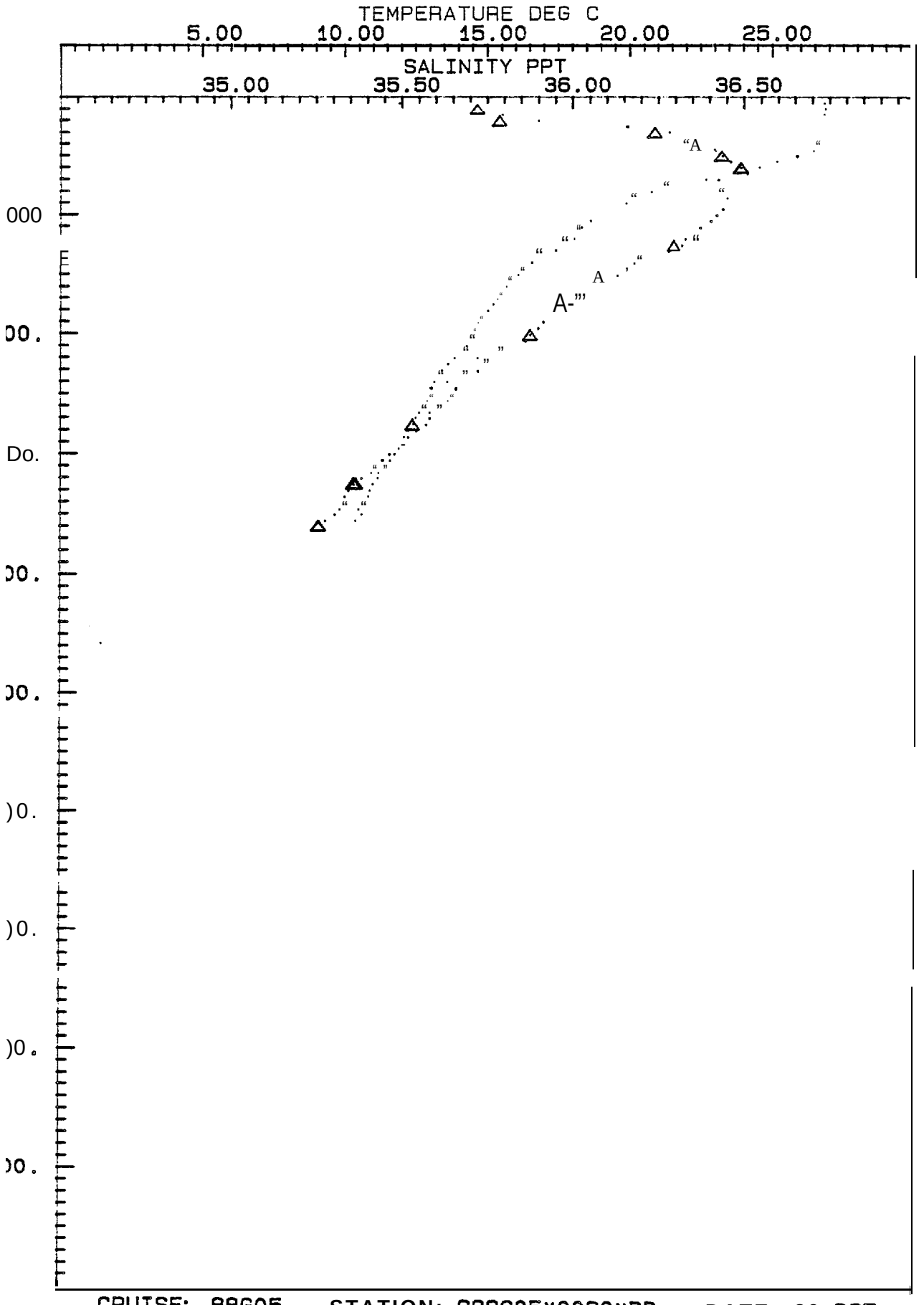
5 METEI? AVERAGED EXPENDABLE BATHYTHERMOGRAPH

PROBE T-7 CRUISE 88G05 STRTION X88G05*29*1 DATE 20OCT88 GMT 2126 LAT 27 19.9 LON 94 .45.0 OPERATOR

z	T	z	T	z	T	z	T	Z	T	z	T	z	T	Z	T
2.6	26.48	202.4	16.40	402.5	10.25	602.4	7.66	802.2	5.68						
7.5	26.49	207.3	16.22	407.5	10.18	607.5	7.61	807.5	5.67						
12.6	26.46	212.3	16.06	412.3	10.11	612.3	7.57	812.7	5.65						
17.5	26.42	217.6	15.69	417.3	9.99	617.5	7.54	817.6	5.64						
22.4	26.40	222.5	15.50	422.4	9.84	622.6	7.42	822.5	5.61						
27.5	26.38	227.5	15.27	427.5	9.78	627.5	7.27								
32.4	26.38	232.5	14.99	432.5	9.73	632.3	7.19								
37,3	26.37	237.5	14.83	437.6	9.69	637.4	7.13								
42.5	24.36	242.4	14.56	442.6	9.65	642.6	7.09								
47.4	26.27	247.4	14.31	447.4	9.56	647.4	7.04								
52.3	25.75	252.4	14.06	452.5	9.47	652.3	7.01								
57.5	24.81	257.4	13.90	457.5	9.40	657.4	6.89								
62.7	23.92	262.3	13.63	462.3	9.33	662.6	6.82								
67.5	23.46	267.3	13.37	467.4	9.29	667.4	6.80								
72.4	23.12	272.3	13.22	472.4	9.20	672.3	6.79								
77.7	22.69	277.3	13.09	477.5	9.16	677,5	6.71								
82.5	22.42	282.3	12.97	482.6	9.12	682.6	6.66								
87.4	22.20	287.3	12.82	487.4	9.10	687.5	6.61								
92.3	22.01	292.6	12.64	492.5	9.04	692.3	6.52								
97.3	21.75	297.6	12.53	497.5	8.97	697.5	6.43								
102.5	21.49	302.6	12.44	502.3	8.90	702.7	6.39								
107.4	21.26	307.6	12.36	507.4	8.83	707.5	6.36								
112.3	21.11	312.3	12.26	512.5	8.79	712.4	6.31								
117.5	20.95	317.3	12.10	517.3	8.74	717.2	6.27								
122.4	20.80	322.3	11.97	522.4	8.68	722.5	6.22								
127.4	20.60	327.3	11.82	527.5	8.63	727.?	6.17								
132.6	20.31	332.3	11.66	532.3	8.62	732.5	6.11								
137.5	20.07	337.4	11.52	537.4	8.59	737.4	6.0$								
142.4	19.88	342.4	11.46	542.5	8.56	742.2	6.03								
147.4	19.59	347.4	11.39	547.3	8.52	747.5	5.98								
152.3	19.31	352.4	11.29	552.4	8.42	752.7	5.95								
157.6	19.06	357.5	11.21	557.5	8.35	757.5	5.91								
162.5	18.80	362.5	11.10	562.3	8.28	762.4	5.89								
167.4	18.53	367.5	11.02	567.4	8.19	767.3	5.85								
172.4	18.26	372.6	10.89	572.6	8.12	772.2	5.80								
177.3	17.91	377.6	10.77	577.4	8.07	777.4	5.77								
182.6	17.62	382.6	10.60	582.5	8.01	782.6	5.74								
187.5	17.22	387.3	10.48	587.6	7.93	787.5	5.72								
192.5	16.93	392.4	10.44	592.4	7.84	792.4	5.71								
197.4	16.60	397.4	10.35	597.2	7.76	797.3	5.70								

STATION S88G05*0030*DD CRUISE 88G05 DATE 20 OCT GMT 11:35 PM LAT 27 40.3 LON 94 44.5 DEPTH OFFSET 0.0

DEPTH	TEMP	SALT	SIGMA-T	XSM
5.0	26.813	35.483	23.143	8.76
10.0	26.852	35.702	23.296	8.76
15.0	26.817	35,784	23.369	8.74
20.0	26.799	35.890	23.455	8.74
25.0	26.8"32	36.150	23.640	8.66
30.0	26.792	36,273	23.746	8.65
35.0	26 .753	36.316	23.791	8.69
41).0	26.636	36.352	23.855	8.74
45.0	26.424	36.410	23.966	8.79
50.0	25.877	36.430	24.153	8.65
55.0	25.131	36.453	24.402	8.66
60.0	24.530	36.483	24.608	8.63
65.0	23,792	36.501	24.842	8.66
70.0	22.690	36.418	25.101	8.66
75.0	21.342	36.426	25.487	8.74
80.0	20.711	36.419	25.655	8.79
85.0	20.205	36.446	25.812	8.86
90.0	19.819	36.445	25 .913	8.87
95.0	19.437	36.428	26.001	8.80
100.0	19.178	36.413	26.057	8.71
105.0	18.610	36.393	26.188	8.69
110.0	18.320	36.365	26.239	8.73
115.0	18.244	36.359	25.253	8.78
120.0	18.021	36.331	26.288	8.79
125.0	17.795	36.319	26.333	8.81
130.0	17.333	36.274	26.414	8.90
135.0	16.913	'36.19'1	26.451	8.91
140.0	16.495	36.169	26.533	8.94
145.0	16.291	36.150	26.566	8.95
150.0	16.066	36.120	26.595	8.97
155.0	15.825	36.068	26.610	8.97
160.0	15.661	36.053	26.636	8.97
165.0	15.491	36.026	26.654	8.97
170.0	15.348	36,1306	26.671	8.97
1:'5, 0	15.196	35.980	26.685	8.97
180.0	15.030	35.954	26 .702	8.96
185.0	14 826	35,919	26.720	8.96
190.0	14.674	35.904	26.741	8.96
195.0	14.576	35.889	26. 751	8.96
200.0	14.452	.35 ,866	26.761	8.96
205 0	14.345	35,85'3	26.774	8.96
210.0	14.224	35,830	26.782	8.96
215.11	14.047	35, 802	26.798	8.96
220.0	13.794	35,770	26.827	8.96
225.0	13.619	35,743	26.842	8.95
230.0	13.416	35.712	26.860	8.95
2.35.0	13.237	35,68'3	26.875	8.95
240.0	13.093	35,660	26.886	8.95
245.0	13.035	35 ,651	26.891	8.95
250.0	12.9146	35.641	26.897	8.95
255.0	12.873	35.628	26.906	8.95
260.0	12.754	35.608	26.914	8.95
265.0	12.587	35.582	26.927	8.95
270 U	12.518	35,572	26.933	8.94
275.0	12.431	35.563	26.943	8.95
280.0	12.239	35.536	26.960	8.96
285.0	12.101	35.512	26.968	8.96
290.0	11.9'37	35. 499	26 .978	8.96
295.0	11.906	35.481	26.9131	8.96
31]0.0	11.736	35,456	26.995	8.96
30s.0	11.604	35.435	27.003	8.96
310.0	11 .47.7	35,422	27,017	8.95
315.0	11.353	35.403	27. 025	8.96
320.0	11.154	35,374	27.039	8.96
325, 0	10.988	3s .352	27.052	8.96
'3'3II.0	10.878	'35, 33?	27.061	8.96
335.0	10.833	35 326	27.061	8.95
340.0	10.757	35.318	27.068	8.94
345 .0	10.698	35 .309	27.072	8.94
350 1)	10.5Y8	35,295	27.078	8.94
355,0	10.388	'3s.268	27.094	8.94



CRUISE: 88G05 STATION: S88G05*0030*DD DATE: 20 OCT
GMT: 11:35 PM LATITUDE 27 40.3 LONGITUDE: 94 44.5

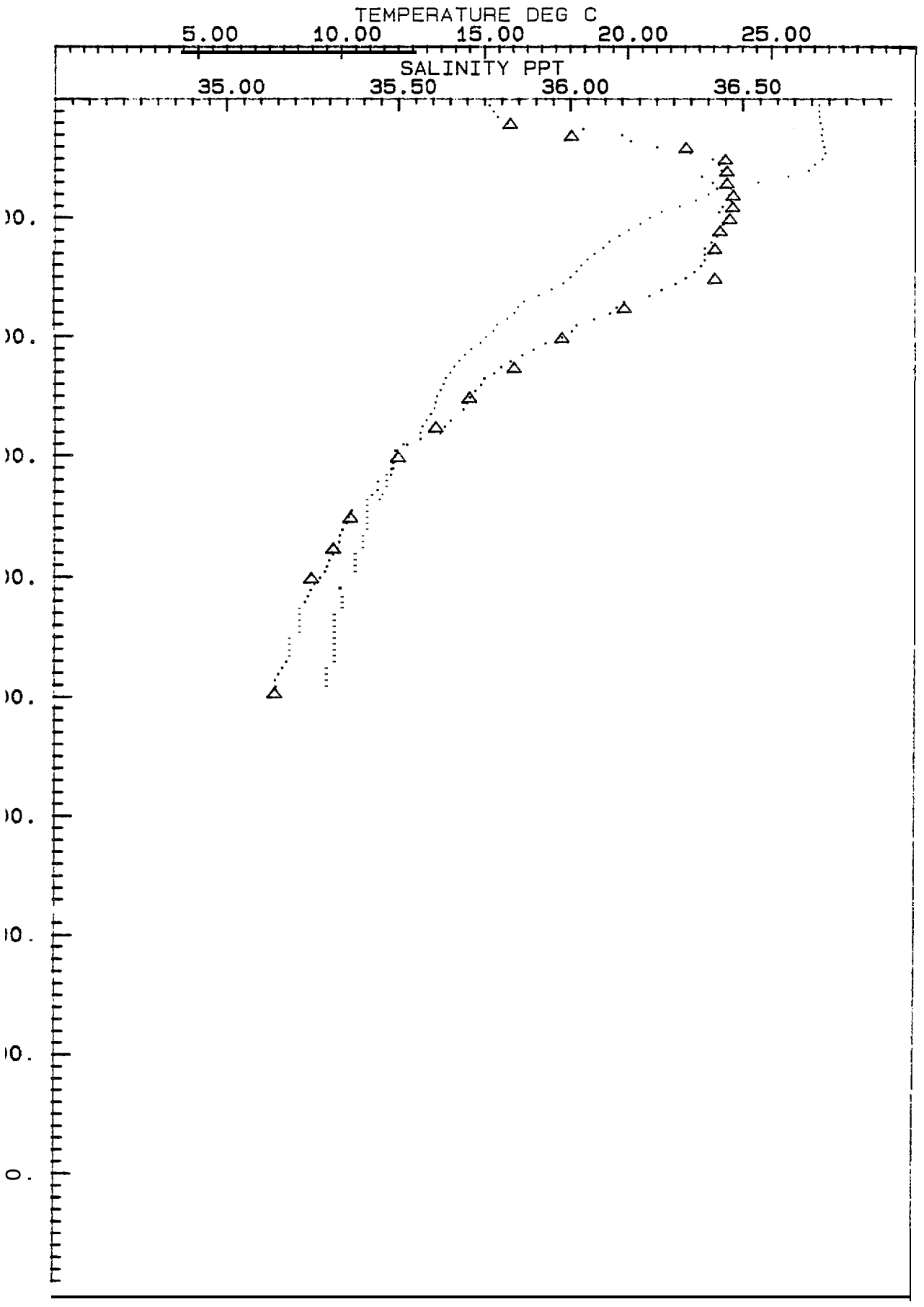
5 METER AVERAGED EXPENDABLE BATHYTHERMOGRAPH

PROBE T-7 CRUISE 88G05 STATION X88G05*30*1 DATE 20OCT88 GMT 2329 LAT 27 40.3 LON 94 44.8 OPERATOR

z	T	Z	T	z	T	Z	T	z	T	z	T	z	T	z	T
2.6	26.79	202.4	13.94	402.5	9.90	602.4	10.05	802.2	10.08						
7.5	26.82	207.3	13.75	407.5	9.90	607.5	10.05	807.5	10.08						
12.6	26.82	212.3	13.58	412.3	9.90	612.3	10.06	812.7	10.08						
17.5	26,03	217.4	13.49	.417.3	9.90	617.5	10.06	817.6	10.08						
22.4	26.80	222.'5	13.42	422.4	9.90	622.6	10.06	822.5	10.09						
27.5	26.86	227.5	13.27	427.5	9.91	627.5	10.06								
32.4	26.85	232.5	13.19	432.5	9.91	632.3	10.06								
37.3	26.79	237.5	13.10	437,6	9.92	637.4	10.06								
42.5	26.65	242.4	12.96	442.4	9.92	642.4	10.06								
47.4	26.18	247.4	12.84	447.4	9.93	647.4	10.07								
52.3	25.56	252.4	12.69	452.5	9.93	652.3	10.07								
57.5	24.91	257.4	12.47	457.5	9.93	657.4	10.07								
62.7	24.08	262.3	12.26	462.3	9.93	642.6	10.07								
67.5	22.83	267.3	12.20	467.4	9.94	667.4	10.0.?								
72.4	21.53	272.3	12.08	472.4	9.94	672.3	10.07								
77.7	20.82	277.3	11.92	477.5	9.96	677.5	10.07								
82.5	20.27	282.3	11.79	482.6	9.96	682.6	10.0?								
87.4	19.82	287.3	11.67	487.4	9.97	687.5	10.07								
92.3	19.54	292.6	11.57	492.5	9.98	692.3	10.07								
97.3	19.22	297.4	11.40	497.5	9.98	697.5	10.07								
102.5	18.95	302.6	11.31	502.3	9.99	702.7	10.07								
107,4	18.68	307.6	11.19	507.4	9.99	707.5	10.08								
112.3	18.17	312.3	11.01	512.5	9.99	712.4	10.07								
117.5	17.85	317.3	10.82	517.3	10.00	717.2	10.07								
122.4	17.58	322.3	10.67	522.4	10.01	722.5	10.08								
127.4	17.05	327.3	10.53	527.5	10.00	727.7	10.07								
132.6	16.78	332.3	10.49	532.3	10.01	732.5	10.08								
137.5	16.50	337.4	10.49	537.4	10.01	737.4	10.07								
142.4	14.04	342.4	10.48	542.5	10.02	.742 .2	10.07								
147.4	1'7.85	347.4	10.38	54.7.3	10.02	747.5	10.08								
152.3	15.67	352,4	10.21	552.4	10.03	752.7	10.07								
157.6	15.55	357.5	10.06	557.5	10.03	757.5	10.07								
162.5	15.42	362.5	9.89	562.3	10.03	762.4	10.08								
167.4	15.11	367.5	9.87	567.4	10.03	767.3	10.08								
172.4	14.89	372.4	9.89	572.6	10.04	77,2.2	10.08								
177.3	14.68	377.6	9.09	577.4	10.04	777.4	10.08								
182.6	14.52	382.6	9.89	582.5	10.04	782.6	10.08								
18?.5	14.41	387.3	9.89	587.6	10.05	787.5	10.08								
192.5	14.27	392.4	9.89	592.4	10.04	792.4	10.08								
197,4	14.13	397.4	9.89	597.2	10.05	797.3	10.08								

STATION S88G05*0031*DD CRUISE 88G05 DATE 21 OCT GMT 5:25 PM LAT 27 42 1 LON 95 2[illegible] 9 DEPTH OFFSET 0.0

DEPTH	TEMP	SALT	SIGMA-T	XSM	DEPTH	TEMP	SALT	SIGMA-T	XSM	DEPTH	TEMP	SALT	SIGMA-T	XSM
5.0	26.653	35.755	23.399	8.77	255.0	13.283	35.691	26.872	8.95					
10.0	26.658	35.767	23.407	8.77	260.0	13.247	35.680	26.870	8.95					
15.0	26.664	35.779	23.414	8.76	265.0	13.119	35.655	26.877	8.94					
20.0	26.687	35.807	23.428	8.73	270.0	12.986	35.640	26.893	8.93					
25.0	26.762	36.028	23.571	8.76	275.0	12.840	35.624	26.910	8.92					
30.0	26.742	36.140	23.661	8.84	280.0	12.782	35.612	26.912	8.92					
35.0	26.771	36.166	23.671	8.86	285.0	12.461	35.556	26.932	8.95					
40.0	26.828	36.242	23.711	8.84	290.0	12.164	35.515	26.958	8.95					
45.0	26.874	36.339	23.769	8.84	295.0	11.957	35.483	26.974	8.95					
50.0	26.762	36.404	23.854	8.87	300.0	11.889	35.482	26.985	8.94					
55.0	26.497	36.423	23.952	8.89	305.0	11.866	35.476	26.986	8.94					
60.0	26.287	36.430	24.025	8.89	310.0	11.837	35.473	26.988	8.93					
65.0	25.571	36.371	24.204	8.90	315.0	11.760	35.453	26.988	8.93					
70.0	24.519	36.404	24.551	8.88	320.0	11.599	35.438	27.006	8.93					
75.0	23.576	36.416	24.841	8.85	325.0	11.542	35.431	27.012	8.93					
80.0	22.793	36.452	25.097	8.85	330.0	11.450	35.416	27.017	8.93					
85.0	22.360	36.457	25.225	8.83	335.0	11.358	35.403	27.024	8.92					
90.0	21.801	36.433	25.365	8.81	340.0	11.268	35.389	27.030	8.92					
95.0	21.164	36.422	25.533	8.86	345.0	11.024	35.355	27.049	8.93					
100.0	20.748	36.442	25.663	8.88	350.0	10.946	35.347	27.056	8.93					
105.0	20.416	36.434	25.746	8.81	355.0	10.913	35.341	27.058	8.93					
110.0	20.023	36.433	25.851	8.66	360.0	10.869	35.330	27.057	8.93					
115.0	19.691	36.416	25.925	8.82	365.0	10.775	35.321	27.067	8.93					
120.0	19.347	36.400	26.003	8.83	370.0	10.765	35.319	27.068	8.93					
125.0	19.127	36.381	26.045	8.88	375.0	10.724	35.313	27.070	8.93					
130.0	18.828	36.380	26.122	8.92	380.0	10.627	35.302	27.079	8.93					
135.0	18.584	36.380	26.184	8.94	385.0	10.554	35.292	27.084	8.93					
140.0	18.367	36.369	26.230	8.95	390.0	10.524	35.285	27.084	8.93					
145.0	18.208	36.350	26.256	8.96	395.0	10.485	35.278	27.085	8.93					
150.0	17.995	36.325	26.289	8.94	400.0	10.388	35.263	27.091	8.94					
155.0	17.742	36.295	26.329	8.83	405.0	10.267	35.248	27.100	8.95					
160.0	17.328	36.255	26.400	8.76	410.0	10.176	35.238	27.108	8.93					
165.0	16.882	36.219	26.480	8.83	415.0	10.117	35.230	27.112	8.92					
170.0	16.368	36.145	26.544	8.88	420.0	10.064	35.223	27.115	8.93					
175.0	16.160	36.123	26.576	8.92	425.0	10.025	35.210	27.112	8.94					
180.0	16.039	36.105	26.590	8.91	430.0	9.936	35.205	27.124	8.94					
185.0	15.785	36.059	26.613	8.92	435.0	9.922	35.204	27.125	8.93					
190.0	15.422	36.008	26.656	8.92	440.0	9.886	35.200	27.128	8.93					
195.0	15.304	35.994	26.672	8.93	445.0	9.872	35.198	27.129	8.93					
200.0	15.044	35.966	26.708	8.95	450.0	9.804	35.187	27.132	8.93					
205.0	14.853	35.918	26.713	8.96	455.0	9.750	35.182	27.137	8.93					
210.0	14.531	35.883	26.757	8.95	460.0	9.684	35.175	27.142	8.94					
215.0	14.307	35.851	26.780	8.94	465.0	9.675	35.173	27.143	8.93					
220.0	14.108	35.817	26.796	8.95	470.0	9.627	35.166	27.146	8.93					
225.0	13.939	35.789	26.811	8.94	475.0	9.539	35.156	27.152	8.92					
230.0	13.799	35.768	26.824	8.95	480.0	9.470	35.144	27.155	8.92					
235.0	13.626	35.739	26.838	8.96	485.0	9.407	35.135	27.158	8.93					
240.0	13.553	35.730	26.846	8.94	490.0	9.374	35.136	27.164	8.93					
245.0	13.456	35.714	26.854	8.97										
250.0	13.342	35.699	26.865	8.94										



CRUISE: 88G05 STATION: S88G05*0031*DD DATE: 21 OCT
GMT: 5:25 PM LATITUDE: 27 42.1 LONGITUDE: 95 29.9

5 METER AVERAGED EXPENDABLE BATHYTHERMOGRAPH

PROBE T-7 CRUISE 88G05 STATION X88G05*31*1 DATE 22OCT88 GMT 0511 LAT 27 42.3 LON 95 29.4 OPERATOR

z	T	z	T	z	T	z	T	z	T	z	T	z	T	z	T
2.6	26.55	202.4	14.48	402.5	10.08	602.4	8.68	802.2	8.86						
7.5	26.58	207.3	14.38	407.5	9.99	607.5	8.70	807.5	8.86						
12.6	26.59	212.3	14.19	412.3	9.91	612.3	8.70	812.7	8.87						
.17.5	26.59	217.6	13.88	417.3	9.80	617.5	8.71	817.6	8.87						
22.4	26.59	222.5	13.68	422.4	9.73	622.6	8.72	822.5	8.87						
27.5	26.?1	227.5	13.52	427.5	9.66	627.5	8.72								
32.4	26.68	232.5	13.45	432.5	9.64	632.3	8.73								
37.3	26.69	237.5	13.40	437.6	9.61	637.4	8.74								
42.5	26.75	242.4	13.31	442.6	9.59	642.6	8.74								
47.4	26 .78	247.4	13.25	447.4	9.58	647.4	8.?5								
52.3	26.71	252.4	13.13	45'2.5	9.56	652.3	8.75								
57.5	26.42	257.4	12.95	457.5	9.52	657.4	8.75								
62.?	25.81	262.3	12.84	462.3	9.4a	662.6	8.76								
67.5	25.03	267.3	12.71	467.4	9.47	66.7.4	8..77								
72.4	24.01	272.3	12.58	47'2. 4	9.42	672.3	8.77								
77.7	23.21	277.3	12.39	477.5	9.39	677.5	8.78								
82.5	22.46	282.3	12.10	482.6	9.35	682.6	8.78								
87.4	21.98	287.3	11.90	487.4	9.30	687.5	8.79								
92.3	21.27	292.6	11.77	492.5	9.23	692.3	8.79								
97.3	20.72	297.6	11.68	497.5	9.15	697.5	9.80								
102.5	"20.41	302.6	11.61	502.3	9.0?	702.7	8.80								
107.4	19.95	307.6	11.57	507.4	9.03	707.5	9.81								
112.3	19.48	312.3	11.54	512.5	8.87	712.4	8.81								
117.5	19.08	317.3	11.50	517.3	8.65	717.2	8.81								
122.4	18.87	322.3	11.47	522.4	8.64	722.5	8.82								
127.4	18.67	327.3	11.35	527.5	8.63	727.7	8.82								
132.6	18.42	332.3	11.09	532.3	8.62	732.5	8.82								
137.5	18.21	337.4	10.99	537.4	8.62	737.4	8.83								
142.4	18.03	342.4	10.91	542.5	8.62	742·2	8.83								
147.4	17.75	347.4	10.75	547.3	8.62	747.5	8.84								
152.3	17.49	352.4	10.60	552.4	8.62	752.7	8.84								
157.6	17.06	357.5	10.56	557.5	8.62	757.5	8.84								
162.5	16.59	362.5	10.55	562.3	8.63	762.4	8.85								
167.4	16.15	367.5	10.49	567.4	8.63	767.3	8.85								
172.4	16.01	372.6	10.41	572.,5	8.64	772.2	8.85								
177.3	15.77	377.6	10.30	577.4	8.64	777.4	8.85								
182.6	15.39	382.6	10.24	582.5	8.65	782.6	8.85								
187.5	15.10	387.3	10.20	587.6	8.66	787.5	8.86								
192.5	14.96	392.4	10.16	592.4	8.66	792.4	8.86								
197.4	14.63	397.4	10.14	597.2	8.67	797.3	8.86								

5 METER AVERAGED EXPENDABLE BATHYTHERMOGRAPH

PROBE T-7 CRUISE 88G05 STATION X88G05*32*1 DATE 21OCT88 GMT 0840 LAT 27 22.4 L O N 95 30.0 OPERATOR

z	T	z	T	Z	T	z	T	z	T	z	T	z	T	z	T
2.6	26.53	202.4	17.48	4132.5	11.08	602.4	7.72	802.2	6.00						
7.5'	26.55	207.3	17.19	407.5	10.92	607.5	7.66	807.5	5.96						
12.6	26.54	212.3	16.92	412.3	10.86	612.3	7.59	812.7	5.88						
17.5	26.55	217.6	16.72	417.3	10.77	617.5	7.54	817.6	5.81						
22.4	26.53	222.5	16.57	422.4	10.71	622.6	7.48	8'22.5	5.77						
27.5	26.51	227.5	16.36	427.5	10.61	627.5	7.47								
32.4	26.51	232.5	16.14	432.5	10.52	632.3	7.40								
37.3	26.52	237.5	16.02	437.6	10.47	637.4	7.29								
42.5	26.52	242.4	15.74	442.6	10.3EI	642.6	7.22								
47.4	26.53	247.4	15.50	447.4	10.30	647.4	7.16								
52.3	26.39	252.4	15.34	452.5	10.15	652.3	7.13								
57.5	25.36	257.4	15.24	457.5	10.04	657.4	7.12								
62.7	24.53	262.3	15.07	462.3	9.90	662.6	7.10								
67.5	23.80	267.3	14.88	467.4	9.82	667.4	7.00								
72.4	23.16	272.3	14.70	472.4	9.78	672.3	6.92								
77.7	22.94	277.3	14.46	477. 5	9.76	677.5	6.87								
82.5	22.63	282.3	14.36	482.6	9.72	682.6	6.84								
87.4	22.32	287.3	14.24	487.4	9.60	687.5	6.76								
92.3	22.15	292.6	14.05	492.5	9.43	692.3	6.70								
97.3	21.95	297.6	13.93	497.5	9.39	697.5	6.64								
102.5	21.69	302.6	13.78	502.3	9.26	702.7	6.60								
107.4	21.47	307.6	13.52	507.4	9.14	707.5	6.56								
112.3	21.30	312.3	13.38	512.5	9.08	712.4	6.52								
117.5	21.19	317.3	13.2%	517.3	9.02	717.2	6.50								
122.4	21.10	322.3	13.18	522.4	8.91	722.5	6.45								
127.4	20.95	327.3	13.03	527.5	8.81	727.2	6.43								
132.6	20.86	332.3	12.90	532.3	8.69	732.5	6.38								
137.5	20.74	337.4	12.72	537.4	8.59	737.4	6.35								
142.4	20.58	342.4	12.56	542.5	8.49	742.2	6.33								
147.4	20.33	347.4	12.42	547.3	8.42	747.5	6.30								
152.3	20.22	352.4	12.32	552.4	8.3'2	752.7	6.26								
157.6	19.99	357.5	12.18	557.5	8.23	757.5	6.25								
162.5	19.69	362.5	12.09	562.3	8.13	762.4	6.24								
167.4	19.46	367.5	11.94	567.4	8.13	767.3	6.23								
172.4	19.23	372.6	11.82	572.6	8.09	772.2	6.22								
177.3	19.02	377.6	11.70	577.4	8.03	777.4	6.16								
182.6	18.53	382.6	11.61	582.5	7.98	782.6	6.1]7								
187.5	18.32	387.3	11.52	587.6	7.89	787.5	6.05								
192.5	18.06	392.4	11.37	592.4	7.86	792.4	6.03								
197.4	17.82	397.4	11.24	597.2	7.77	797.3	6.02								

STATION S88G05*0033*DD CRUISE 88G05 DATE 21 OCT GMT 10:36 AM LAT 27 2.3 LON 95 29.9 DEPTH OFFSET 0.0

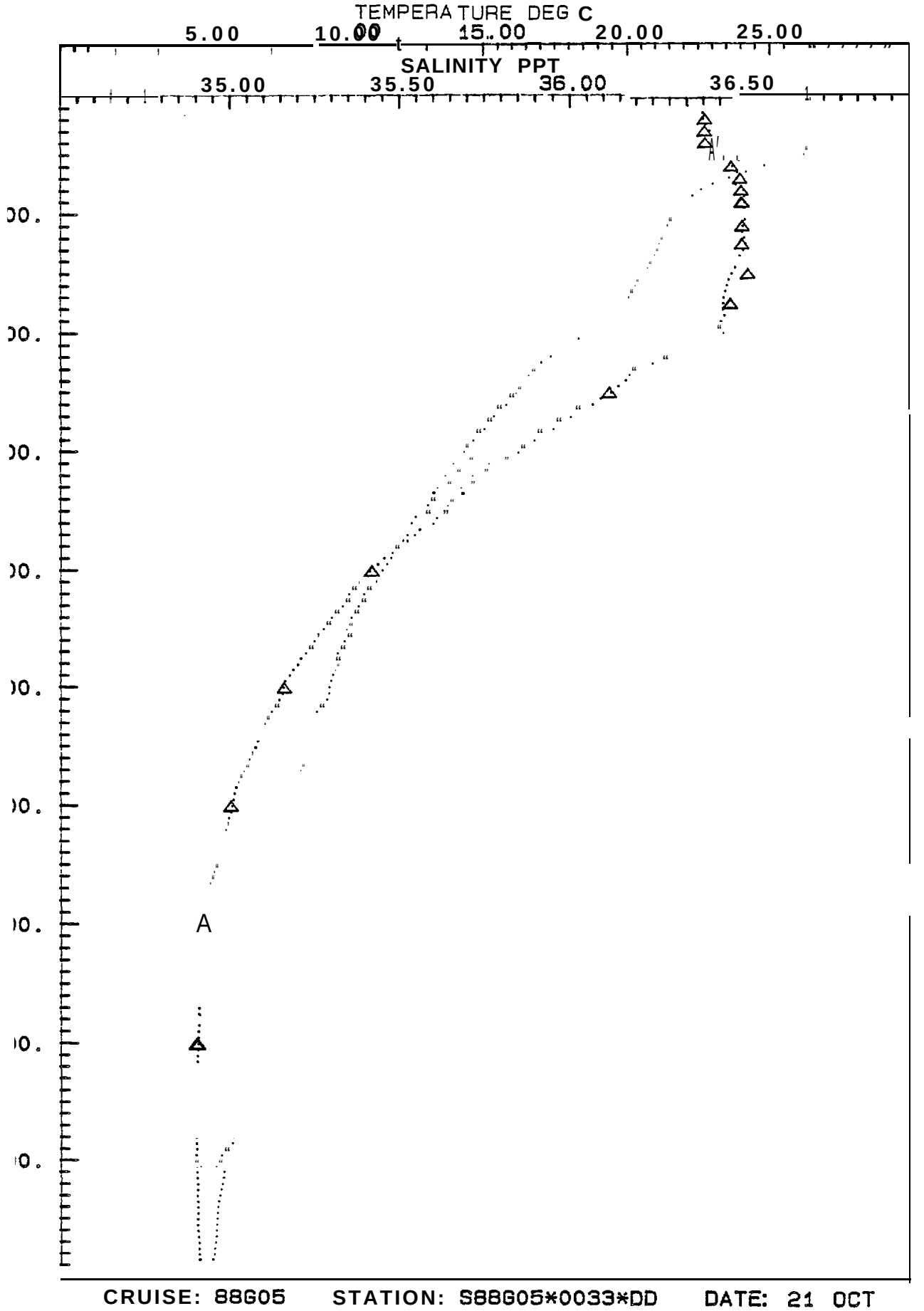
DEPTH	TEMP	SALT	SIGMA-T	XSM
5.0	26.538	36.343	23.880	8.91
10.0	26.5411	36.385	23.911	8.91
15.0	26.537	36.385	23.912	8.91
20.0	26 .534	36."3S7	23.913	8.91
25.0	26.54:7	36.393	23.'315	8.91
30.0	26.573	36.4116	23.916	8.91
35.0	26. 585	36.421	23.923	8.91
40.0	26.541	36.431	23.945	8.90
45.0	26.415	36.449	23.998	8.90
50.0	26 .315	36.458	24.1337	8.90
55.0	25.771	36.491	24.232	8.89
60.0	24.871	36.471	24.494	8.87
65.0	24.247	36.486	24.695	8.85
70.0	2.3.651	36.485	24.872	8.86
75.0	23.081	36.482	25.037	8.87
80.0	22.678	36.505	25.170	8.87
85.0	22.370	36.508	25.260	8.90
90.0	22.154	36.508	25.322	8.92
'95. 0	21.929	36.506	25.384	8.93
100.0	21.713	.36.507	25.446	8.94
105.0	21.603	36.508	25.478	8.94
110.0	21.474	"36.502	25.509	8.95
115.0	21.342	36.501	25.544	8.96
120.0	21.288	36.507	25.564	8.96
125.0	21.200	36.512	25.592	8.96
130.0	21.136	36,504	25.603	8.97
135.0	21.031	36.49'3	25.624	8.96
140.0	20.6'75	36.486	25.661	8.96
145.0	20.757	36,480	25.689	8.90
150.0	20.559	36.470	25.735	8.89
155.0	20.428	36.461	25.-64	9.99
160.0	21],3311	36.457	25.787	8.89
165.0	20 229	35.45'2	25.s10	8.92
170.0	20. 100	36.44?	25.841	8.95
175.0	19.931	36.446	25.885	8.94
180.0	19.681	36 .445	25.951	8.94
185.0	19.473	'36.449	26.008	8.95
190.0	19.218	36.439	26.066	8.97
195.0	18.926	36.429	26.134	8.98
200.0	18 ,707	36.446	26.203	8.98
205.0	18.328	36.379	26.24:3	8.98
210.0	17.938	36.343	26.318	8.98
215.0	17.622	36.315	26.374	8.98
220.0	17.345	36.282	26.416	8.98
225 .0	17.027	36.235	26.458	8.98
230.0	16.802	36.186	26.473	8.98
235.0	16.549	36.168	26.519	8.98
240.0	16.375	36.156	26.551	8.98
245.0	16,296	36.135	26.553	8.98
250.0	16.100	36.113	26.582	8.98
255.0	15.895	3b .083	26.607	8.98
260.0	15,716	36.060	26.630	8.98
265.0	15.461	36.022	26.658	8.98
270.0	15.277	35.993	26 .677	8.98
275 0	15.095	35.961	26.693	8.98
280.0	14.927	35.940	26.714	8.96
285.0	14.760	35.906	26.724	8.96
290.0	14.551	35.885	26.754	8.97
295.0	14.404	35.862	26.768	8.97
300.0	14.282	35.841	26.778	8.97
305.0	14. 1"33	35.812	26 .78'7	8.97
310.0	13.878	35.788	26.823	8.97
315.0	13.686	35.751	26.834	8.97
320.0	13.5'33	35.734	26.841	8.97
325.0	13.44'3	35.712	26.855	8.98
"330.11	13.305	35.693	26.868	8.98
335.0	13.204	35.677	26.877	8.97
340.0	13.108	35.660	26.883	8.97
345.0	12.979	35.644	'26.897	8.97
350.0	12. 933	35.633	26.898	8.97
355 0	12.751	3S .604	26.912	8.97
360.0	12. S.15	35.592	26.929	8.97
365.0	12.431	35.563	26.'34"3	8.97
370.0	12.253	:35,536	26.958	8.97
375.0	12.142	35.514	26.962	8.97
380.1]	11.975	35.4911	26.975	8.96
385.0	11.831	35.470	26.987	8.96
3'30,11	11.681	35.445	26.996	8.97
395.0	11.546	35.42:7	27.008	8.98
400,1]	11 388	35.404	27.019	8.98
405.0	11.262	35.398	27.030	8.98
410.0	11.162	35.374	27.037	8.98
415.0	11.044	35.353	27.043	8.98
420.0	10.925	35.339	27.054	8.98
425.0	10.874	35.330	27.056	8.98
430.0	10.815	35.321	27, 059	8.98
435.0	10.702	35.306	27.06:3	8.98
440.0	10.57'3	35.291	'27.078	8.98
445.0	10.507	35.279	27.082	8.98
450.0	111.422	35.765	27.086	8.98
455.0	10.313	35.'251	27,0'34	8.98
460.0	10.210	35.237	27.102	8.98
465.0	10.078	35,225	27.115	8.98
470.0	9.993	35,213	27.120	8.97
475.0	9.914	35.199	27.123	8.97
41311.U	9.825	35.192	27.132	8.97
485.0	9.736	35.177	27.136	8.97
490.0	9.632	35.167	'27.145	8.97
495.0	9.565	35.153	27. 146	8.97
500.0	9.507	35.149	27, 152	8.97
505.0	9.487	35.146	27.153	8.97
510.0	9.420	35.135	27.156	8.97
515.0	9.317	35.129	27. 168	8.97
520.0	9.221	35.11'2	27.171	8.98
525 0	9.144	35.105	27.178	8.97
530.0	9.058	35.095	27.184	8.97
535.0	8.985	35. 085	27.188	8.98
540.0	8.927	35.079	27.192	8.98
54s.0	8.881	35.072	27.194	8.98
550.0	8.806	35.065	27.2011	8.97
555.0	8.741	35.056	27.204	8.97
560.0	8.670	35.049	27.210	8.97
565.0	8.596	35.044	27.217	8.97
570.0	8.495	35.032	27.224	8.98
575.0	8.402	35.026	27.233	8.98
580.0	8.347	35.01'3	27.237	8.97
585 0	8.289	35. 009	27,237	8.97
590.0	8.217	35.005	'27.245	8.97
595.0	8.163	35.000	27.250	8.97
600.0	8.129	34.997	27.252	8.97
605.0	8.096	34.994	27.255	8.97
610.0	8.031	34.988	27.260	8.97
615.0	7.999	34.985	27.26'3	8.97
620.0	7.960	34.979	27.263	8.97
625.0	7.892	34.974	27.270	8.97
631].1]	7.842	34.970	27.275	8.97
635.0	7.913	34.968	27.277	8.97
640.0	7.764	34.961	27.279	8.97
645.0	7.694	34.957	27.286	8.97
650.U	7.637	34.953	'27.291	8.97
655.0	7.563	34.946	27.297	8.97
660.0	7.478	34.942	27.306	8.97
665.0	7.368	34.935	27.316	8.97
670.0	7.316	34.932	27.321	8.97
675.0	7.261	34.927	27.325	8.97
680.0	7.217	34.926	27.330	8.97
685.10	7.171	34.923	27.335	8.97
690.0	7.080	34.920	27.345	8.97
695.0	7.007	34,916	27.352	8.97
700. 0	6.979	34.915	27.355	8.97
705.0	6.959	34,'312	27.355	8.97
710.0	6.921	34.910	27.359	8.97
715,0	6.874	34,910	27.365	8.97
720.0	6866	34.909	27.366	8.97
725.0	6 ,854	34.908	27.366	8.97
730.0	6.818	34.906	27.370	8.97
735.0	6.792	34.905	27.373	8.97
7411,0	6.776	34.904	27,375	8.97
745.0	6.761	34.905	27.377	8.97
750.0	6,756	34.904	27. 377	8.97

STATION S88G05*0033*DD CRUISE 88G05 DATE 21 OCT GMT 10:36 AM LAT 27 2.3 LON 95 29.9 DEPTH OFFSET 0.0

DEPTH	TEMP	SALT	SIGMA-T	XSM
755.0	6.738	34.903	27.379	8.97
760.0	6.706	'34.901	27.382	8.97
765 0	6.690	34.901	27.384	8.97
770.0	6.678	34.900	27.385	8.97
775.0	6.650	34.900	27.388	8.97
780.0	6.632	34.898	27.389	8.97
785 0	6.601	34.898	27,393	8.97
79 0 0	6.587	34.897	27.394	8.97
795 0	6.578	34.896	27.395	8.97
800 1]	6.556	34.8'36	27.398	8.97
805.0	6.542	34.896	27.400	8.97
810 O	6.507	34.895	27.403	8.97
815.0	6.491	34.894	27.40S	8.97
821] .1]	6.484	34.894	27.406	8.97
825.0	6.470	34.893	27.407	8.98
830.0	6.456	34.893	27.409	8.98
8'35.0	6.437	34.893	27.411	8.98
840.0	6.420	34.893	27.413	8.98
845.0	6.414	34.892	27.414	8.98
850.0	6.387	34,8'32	27.417	8.98
855.0	6.357	34.892	27.421	8.98
860.0	6.318	34.892	27.426	8.98
865.0	6.281	34.892	27.431	8.98
870.0	6.191	34.891	27.442	8.98
8 75 0	6.113	34.890	27.451	8.99
880.0	6.098	34.891	27.454	8.99
885.0	6.059	34.892	27.460	8.99
890.0	5.991	34.893	27.469	8.99
895 0	5.951	34.892	27 474	8.99
9 0 0 0	5.910	34.8'30	27.477	8.99
<1.15	5.s'211	34.894	27.492	8.99
910.0	5 779	34.895	27.498	8.99
915.0	5,742	34.895	27.502	8.99
920 0	5.706	34.896	27.509	8.99
925.0	5.679	34.897	27.512	8.99
930.0	5.639	34.895	27.516	8.99
935.0	5.597	34.837	27.523	8.99
940.0	5.559	34.898	27.527	8.99
945.0	5.548	34.898	27.529	9.00
950.0	5.545	34.898	27.529	9.00
955.0	5.540	34.897	27.530	8.99
'960.0	5.521	34.898	27.533	8.99
965.0	5.507	34.899	27.535	8.99
970.0	5. 482	34.900	27.539	8.99
975.0	5,457	34.901	27.543	8.99
980.0	5.441	34.902	27.545	8.99
985.0	5.420	34.902	2 7 .548	8.99
990.0	5.387	34.905	27 .554	8.99
9'35.0	5.353	34.905	27 .558	8.99
1000.0	5.302	34.907	2 7 .566	8.99

DEPTH	TEMP	SALT	SIGMA-T	XSM
1005.0	5.252	34.910	27.574	8.99
1010.0	5241	34.910	27.575	8.99
1015.0	5.207	34.909	27.579	8.99
1020.0	5.169	34>912	27.586	9.00
1025.0	5.164	34.912	27.586	8.99
103O.U	5.133	34.913	27.590	9.00
1035.0	5.116	34.914	27.594	9.00
1040,0	5.090	34.914	27.597	9.00
1045.0	5. 05s	34.917	27.603	9.00
1050.0	5.018	34.9'20	27.610	9.00
1055.0	4.997	34,920	27.612	9.00
1060.0	4.991	34.920	27.613	9.00
1065.0	4.987	34.920	27.613	9.00
1070.0	4.983	34.919	27.614	9.00
107s 0	4.952	34.922	27,619	9.00
1080.0	4.933	34.922	27.622	9.00
1085.0	4.926	34.922	27.622	9.00
109O.O	4.916	34.923	'27.624	9.00
1095.0	4.892	34.924	27.628	9.00
1100.0	4.871	34.925	27.631	9.00
1105.0	4.856	34.926	27.634	8.99
1110.0	4.844	34.926	27.635	8.99
1115.0	4.823	34.927	27,637	9.00
1120.0	4.809	34.928	27.641	9.00
1125.0	4.786	34.929	27.644	9.00
1130.0	4.771	34.929	27.646	9.00
113s.0	4.758	34.930	27.648	9.00
1140.0	4.744	34.931	27.651	9.00
1145.0	4.736	34.932	27.652	9.00
11s0.0	4,725	34.932	27.653	9.00
1155.0	4.717	34.933	27.655	9.00
1160.0	4.717	34.932	27.655	9.00
116s.0	4.702	34.933	27.656	9.00
1170.0	4.684	34.934	27.659	8.99
1175.0	4.682	34.934	27.660	8.99
1180.0	4.679	"34.935	27.660	8.99
1185.0	4.673	34.935	27.661	8.99
1190.0	4.667	34.935	27,662	8.99
1195.0	4.666	34.935	27.662	8.99
1200.0	4.661	34.9.35	27.663	8.99
1205.0	4.655	34.936	27.664	8.99
1210.0	4.648	34.936	27.665	8.99
1215.0	4.628	34.938	27.669	8.99
1220.0	4.623	34.937	27.669	8.99
1225 0	4.608	34.938	27.671	9.00
1230.0	4.600	34.939	27.673	9.00
1235.0	4.599	34.939	27.674	9.00
1240,0	4.580	.34.940	27.676	9.00
1245.0	4.566	34.940	27.678	9.00
1250.0	4.558	34.940	27.678	'3.00

DEPTH	TEMP	SALT	SIGMA-T	XSM
1255.0	4.547	34.941	27.681	9.00
1260.0	4.536	34.942	27.682	9.00
1265.0	4.526	34.942	27.684	9.00
1270 0	4.521	34.943	27.685	9.00
1275.0	4.514	34.943	27.686	9.00
1280.0	4.502	34,944	27.688	9.00
1285.0	4.492	34.944	27.689	9.00
1290.0	4.480	34.945	27.691	9.00
1295.0	4.471	34.945	27.692	9.00
1300.0	4.466	34.946	27,693	9.00
1305.0	4.463	34.946	27.693	9.00
1310.0	4.462	34.946	27.693	9.00
1315.0	4.460	34.946	27.694	9.00
1320.0	4.451	34.9415	27.695	9.00
1325.0	4.448	34.'34?	27.696	9.00
1330.0	4.446	34.947	27.696	9.00
1335.0	4.445	34.947	27.696	9.00
1340.0	4.444	34.947	2 ? .696	9.00
1345.0	4.441	34,947	27.697	9.00
1350.0	4.433	34.94-	27.698	9.00
1355.0	4.428	34.948	27.699	9.00
1360.0	4.424	34.948	27.699	9.00



CRUISE: 88G05 STATION: S88G05*0033*DD DATE: 21 OCT
GMT: 10: 36 AM LATITUDE: 27 2.3 LONGITUDE: 95 29.9

5 METER AVERAGED EXPENDABLE BATHYTHERMOGRAPH

PROBE T-7 CRUISE 88G05 STATION X88G05*33*1 DATE 21OCT88 GMT 1028 LAT 27 2.9 LON 75 29.9 OPERATOR

z	T	z	T	z	T	z	T	z	T	z	T	z	T
2.6	26.42	202.4	17.95	402.5	10.94	602.4	7.79	802.2	6.23				
7.5	26.50	207.3	17.58	407.5	10.87	607.5	7.76	807.5	6.20				
12.6	26.49	212.3	17.27	412.3	10.79	612.3	7.72	812.7	6.19				
17.5	26.49	217.6	16.93	417.3	10.72	617.5	7.67	817.6	6.17				
22.4	26.49	222.5	16.70	422.4	10.64	622.6	7.61	822.5	6.16				
27.5	26.49	227.5	16.44	427.5	10.59	627.5	7.57						
32.4	26.49	232.5	16.24	432.5	10.46	632.3	7.53						
37.3	26.50	237.5	16.09	437.6	10.33	637.4	7.49						
42.5	26.51	242.4	15.98	442.6	10.23	642.6	7.42						
47.4	26.41	247.4	15.86	447.4	10.12	642.4	7.44						
52.3	26.29	252.4	15.62	452.5	10.13	652.3	7.34						
57.5	25.63	257.4	15.37	457.5	10.03	657.4	7.27						
62.7	24.74	262.3	15.17	462.3	9.91	662.6	7.24						
67.5	24.21	267.3	14.93	467.4	9.81	667.4	7.16						
72.4	23.37	272.3	14.78	472.4	9.69	672.3	7.12						
77.7	22.71	277.3	14.58	477.5	9.61	677.5	7.03						
82.5	22.50	282.3	14.43	482.6	9.52	682.6	6.97						
87.4	22.25	287.3	14.36	487.4	9.44	687.5	6.91						
92.3	22.01	292.6	14.22	492.5	9.39	692.3	6.84						
97.3	21.80	297.6	14.03	497.5	9.28	697.5	6.77						
102.5	21.50	302.6	13.92	502.3	9.21	702.7	6.74						
107.4	21.39	307.6	13.70	507.4	9.14	707.5	6.69						
112.3	21.25	312.3	13.52	512.5	9.08	712.4	6.64						
117.5	21.15	317.3	13.32	517.3	9.02	717.2	6.59						
122.4	21.05	322.3	13.20	522.4	8.96	722.5	6.55						
127.4	21.01	327.3	13.05	527.5	8.91	727.7	6.52						
132.6	20.92	332.3	12.90	532.3	8.85	732.5	6.49						
137.5	20.70	337.4	12.82	537.4	8.76	737.4	6.45						
142.4	20.55	342.4	12.72	542.5	8.67	742.2	6.42						
147.4	20.43	347.4	12.67	547.3	8.60	747.5	6.40						
152.3	211.32	352.4	12.57	552.4	13.54	752.7	6.38						
157.6	20.11	357.5	12.37	557.5	8.48	757.5	6.37						
162.5	20.01	362.5	12.23	562.3	8.42	762.4	6.35						
167.4	19.88	367.5	12.09	567.4	8.30	767.3	6.32						
172.4	19.68	372.6	11.86	572.6	8.21	772.2	6.32						
177.3	19.43	377.6	11.73	577.4	8.14	777.4	6.32						
182.6	19.24	382.6	11.56	582.5	8.08	782.6	6.31						
187.5	19.03	387.3	11.44	587.6	7.98	787.5	6.30						
192.5	18.69	392.4	11.29	592.4	7.90	792.4	6.28						
197.4	18.39	397.4	11.12	597.2	7.%4	797.3	6.25						

5 METER AVERAGED EXPENDABLE BATHYTHERMOGRAPH

PROBE T-7 CRUISE 88G05 STATION X88G05*34*1 DATE 21OCT88 GMT 1504 LAT 26 39.8 LON 95 29.9 OPERATOR

z	T	z	T	z	T	z	T	z	T	z	T	z	T	z	T
2.6	26.49	202.4	18.32	402.5	11.31	602.4	7.95	8112.2	5.99						
7.5	26.46	207.3	18.11	407.5	11.18	607.5	7.92	807.5	5.98						
12.6	26.45	212.3	17.95	412.3	11.06	612.3	7.86	812.7	5.94						
17.5	26.44	217.6	17.64	417.3	10.98	617.5	7.83	817.6	5.92						
22.4	26.45	222.5	17.43	422.4	10.85	622.6	7.77	822.5	5.89						
27.5	26.44	227.5	17.17	427.5	10.76	627.5	7.73								
32.4	26.44	232.5	16.89	432.5	10.65	632.3	7.69								
37.3	26.42	237.5	16.62	437.6	10.54	637.4	7.59								
42.5	26.40	242.4	16.33	442.6	10.35	642.6	7.49								
47.4	26.37	247.4	16.09	447.4	10.26	647.4	7.43								
52.3	25.72	252.4	15.97	452.5	10.1FJ	652.3	7.38								
57.5	24.82	257.4	15.78	457.5	10.11	657.4	7.31								
62.7	24.25	262.3	15.56	462.3	10.04	662.6	7.25								
67.5	23.73	267.3	15.32	467.4	9.98	667.4	7.19								
?2.4	23.23	272.3	15.09	4?2.4	9.82	672.3	7.16								
77.7	22.77	277.3	14.93	477.5	9.70	677.5	7.08								
82.5	22.52	282.3	14.73	482.6	9.60	682.6	7.00								
87.4	22.38	287.3	14.48	487.4	9.55	687.5	6.95								
92.3	22.26	292.6	14.23	492.5	9.46	692.3	6.89								
97.3	22.08	297.6	14.05	497.5	9.41	697.5	6.83								
102.5	21.91	302.6	13.94	502.3	9.33	702.7	6.77								
107.4	21.72	307.6	13.87	507.4	9.24	707.5	6.71								
112.3	21.61	312.3	13.76	512.5	9.18	712.4	6.68								
117.5	21.45	317.3	13.60	517.3	9.12	717.2	6.66								
122.4	21.33	322.3	13.44	522.4	9.03	722.5	6.63								
127.4	21.23	327.3	13.26	527.5	8.98	727.7	6.59								
132.6	21.15'	332.3	13.08	532.3	8.91	732.5	6.53								
137.5	21.09	337.4	12.95	537.4	8.85	?37.4	6.51								
142.4	21.00	342.4	12.79	542.5	8.70	742.2	6.49								
147.4	20.87	347.4	12.65	547.3	S.58	747.5	6.43								
152.3	20.69	352.4	12.46	552.4	8.53	752.7	6.38								
157.6	20.42	357.5	12.35	557.5	8.49	757.5	6.36								
162.5	20.10	362.5	12.22	562.3	8.47	762.4	6.33								
167.4	19.86	367.5	12.14	567.4	8.39	767.3	6.31								
172.4	1S',57	372.6	11.99	572.6	8.32	772.2	6.27								
177.3	19.42	377.6	11.87	577.4	8.26	777.4	6.24								
182.6	19.28	382.6	11.80	582.5	8.20	782.6	6.20								
187.5	19.04	387.3	11.68	587.6	8.11	787.5	6.17								
192.5	18.82	392.4	11.63	592.4	8.08	792.4	6.10								
197.4	18.54	397.4	11.49	597.2	7.99	797.3	6.05								

STATION S88G05*0035*DD CRUISE 88G05 DATE 21 OCT GMT 4:54 PM LAT 26 20.3 LON 95 29.7 DEPTH OFFSET 0.0

DEPTH	TENP	SALT	SIGMA-T	XSM
5.0	26.668	36.179	23.714	8.90
10,0	26.627	36.168	23.719	8.89
15.0	26.618	36.170	23,?23	8.89
20.0	26,621]	35.17"3	23.725	8.89
25.0	26.700	36.275	23.777	8.88
30.0	26.687	36.318	'23.s1"3	8.88
35.0	26.663	36.347	23.843	8.89
40 0	26.666	36.383	23.869	8.89
45.0	26.599	36.417	23.916	8.89
50.0	'26.459	36.455	23.989	8.89
55.0	26.186	36.487	24,100	8.89
60.0	25.609	36s469	24.266	8.89
65.0	24.961	36.467	24.464	8.90
70 0	24.476	36,463	24.609	8.88
75.0	24.039	36.493	24.762	8.87
80.0	23.449	36.503	24.945	8.88
85.0	23.165	36.503	25.028	8.88
90.0	22.841	36.506	25.124	8.89
95.0	22.611	36.502	25.187	8.91
100.0	22.379	"35.4'36	25,249	8.89
105.0	22.235	36.501	25.294	8.91
IIO. U	22.139	36.499	25.320	8.92
115.0	22.001	36.503	25.362	8.94
120.0	21.785	36.499	25.419	8.95
125.0	21.657	36.504	25.459	8.95
130.0	21.538	36.4'36	25.486	8.96
135.0	21.399	36.502	25.529	8.96
140.0	21.271	36.4'45	25.560	8.97
145 0	21.197	36.495	25.580	8.97
150 0	21.094	36.485	25.601	8.97
155, 0	20.813	36.466	25.664	8.97
160 0	20.586	36.452	25.714	8.97
165.0	20.409	36.464	25.771	8.97
170.0	20.262	36.465	25.811	8.98
175.0	20.085	36,476	25.867	8.98
180.0	19.955	36.4?5	25.900	8.98
185.0	19.797	36.479	25.945	8.98
190.0	19.644	36.495	25.998	8.98
195.0	19.404	36.502	26.066	8.98
200.0	18.965	36.452	26.141	8.98
205.0	18.475	36.408	26.233	8.98
210.0	17.967	36.365	26.32?	8.98
215.0	17.670	36.328	26.373	8.98
220.0	17.276	36.282	26.4'33	8.98
225,0	17.003	36.248	26.473	8.98
230.0	16.818	36.218	26.494	8.98
235.0	16.576	36.171	26.515	8.98
240.0	16.380	36.157	26.551	8.98
245.0	16,162	36.129	26.580	8.98
250.0	15.929	36.096	26.608	8.98

DEPTH	TEMP	SALT	SIGMA-T	XSM
255.0	15.730	36.066	26.'631	8.97
260.0	15.593	'36.045	26.646	8.97
265.0	15.348	36.010	26.674	8.97
270,0	15.125	35.373	26.696	8.97
'275 0	14.909	35,93.9	26.717	8.97
280.0	14.6S5	35.904	26.740	8.98
285.0	14.473	35.877	26.764	8.98
290.0	14.312	35.847	26.776	8.98
295.0	14.212	35.830	26.784	8.97
'3}]0.11	14.070	35.809	26.799	8.97
305.0	13.925	35.789	26.814	8.97
310.0	13.820	35.772	26.823	8.96
315.0	13.693	35.752	26.833	8.96
320.0	13.614	35,737	26.S"3?	8.95
325.0	13.532	35.727	26.848	8.96
330.0	13.42"3	35.708	26,856	8.96
335.0	13.298	35.687	26 .865	8.96
340.0	13.174	35.674	26.880	8.96
345.0	13.091	35.653	26.881	8.97
350.0	13.016	35.649	26.893	8.97
355.0	12.945	35.63'2	26 .895	8.97
360.0	12.770	35.608	26.911	8.97
365.0	12.673	35.592	26.918	8.97
370 1]	12.457	35,562	26.937	8.97
'375.0	12.334	35 .544	26.948	8.97
380.0	12.226	35.529	26.957	8.97
385.0	12.087	35.50'5	26.965	8.97
390.0	11.975	35.4'30	26.976	8.97
395, (J	11.805	35.462	26.986	8.97
400.1]	11.62'3	35 441	27.004	8.97
405 .0	11.52'4	35.424	27.009	8.97
410.0	11.4'25	35.413	27.020	8.97
415.0	11.343	35.398	27.023	8.97
420.0	11.208	35. 377	27.032	8.97
425.II	11.128	35.368	27.039	8.97
430.0	10.988	35.349	27,050	8.97
435, 0	10.876	35.335	27.060	8.97
440.0	10,835	35.328	27.062	8.97
445.0	10.773	35.313	27.061	8.97
450.0	10.674	35.304	27.071	8.97
4s5.0	10.623	35.296	27. 0?5	8.97
460.0	10,547	35,286	27.080	8.97
465.0	10.525	35 ,282	27.0s1	8.97
470, 0	10.483	35.276	27.084	8.97
475.0	10.449	35.271	27.085	8.97
480.0	10.371	35.260	27.091	8.97
4%5.0	10.2EI9	35.251	27.099	8.97
4'30.0	10.247	35.245	27.101	8.97
495.0	10.17EI	35.235	27.106	8.97
500.0	10.132	"35.229	27.109	8.97

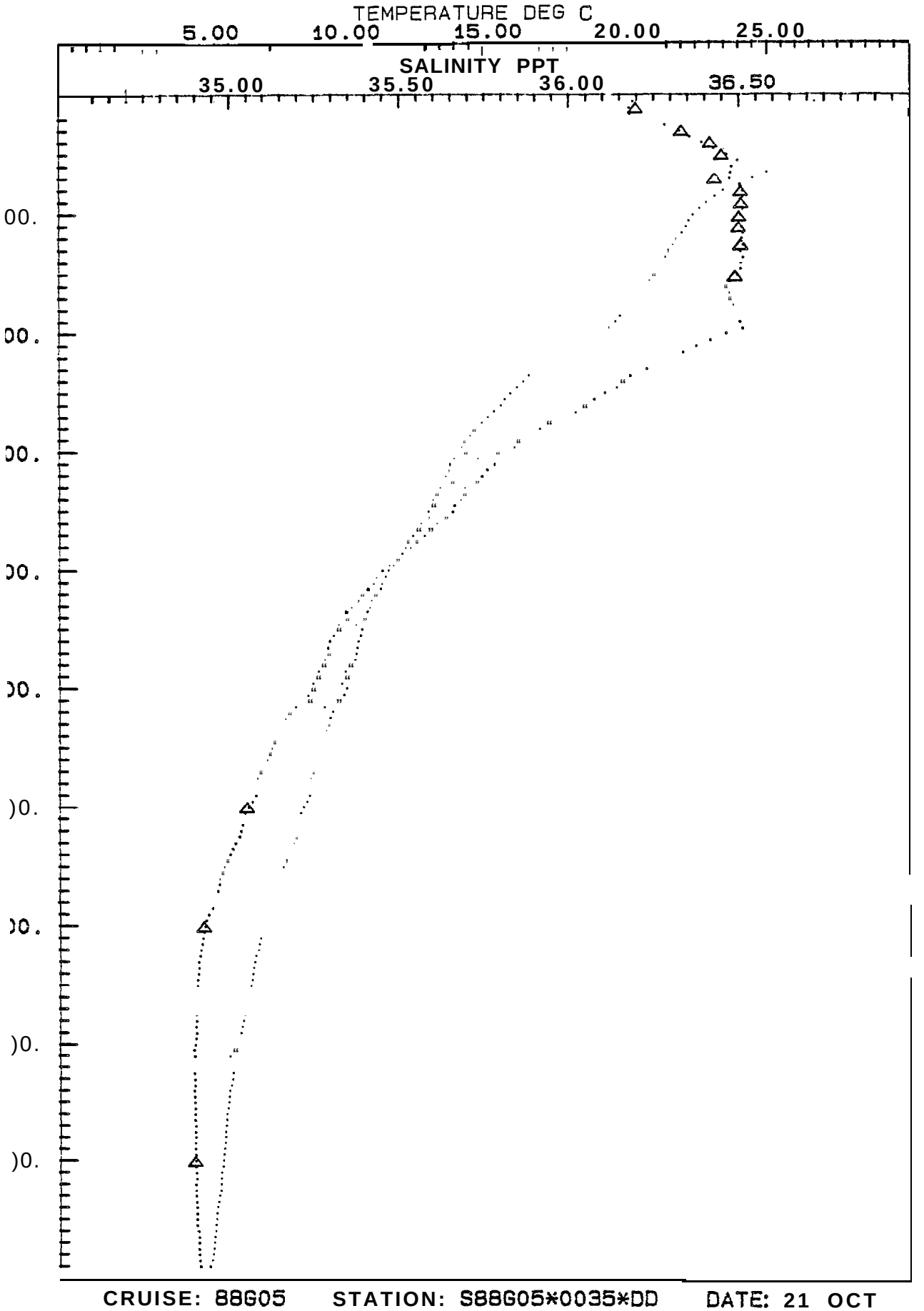
DEPTH	TEMP	SALT	SIGMA-T	XSM
505.0	10.062	35.220	27.114	8.97
510.0	9.942	35,204	27.122	8.97
515.0	9.778	35.185	27.135	8.97
520.0	9.64:3	35.168	27.144	8.97
525 0	9.579	35.156	27.145	8.97
530.0	9.524	35.151	2-.1s1	8.97
535.0	9.427	35.138	27.156	8.97
5411.0	9.356	35,131	27.163	8.96
545.0	9.326	35.126	27.164	8.96
550.0	9.270	35.117	27.166	8.97
555.0	9.217	35.113	27.172	8.96
560,0	9.121	35.103	27.180	8.97
565.0	9.028	35.094	27.188	8.97
570 .0	8.970	35.086	27.1'30	8.97
5?5 0	8.881	35.075	27.197	8.97
580,0	8.840	35,072	27.201	8.97
585.0	8.836	35.070	27.200	8.97
590 0	8.820	3s 067	27,200	8.97
595.0	8.731	35.058	27.207	8.97
600.0	8.622	35.047	27.215	8.97
605.0	8.523	35.037	27.223	8.97
610.0	8.498	35, 034	27.225	8.97
615.0	8.452	35.028	27.228	8.97
6'211, u	8.413	35,024	27.231	8.97
625.0	8.388	35.020	27.231	8.97
630.0	8.289	35.010	27.238	8.97
635.0	8.146	35.000	27.252	8.97
641] 0	8 .0'32	34.993	27,255	8.97
645.0	8.017	34.987	27.261	8.97
650.0	7.889	34.978	27.273	8.97
655.0	7.834	34.972	27.277	8.97
660.1]	7.766	34.965	27.281	8.97
665.0	7.731	34.961	27.284	8.97
670.0	7.696	.34.957	'27.286	8.97
675.0	7.638	34.951	27.289	8.97
680.0	7.565	34.947	27.297	8.97
685.0	7, 479	34.940	27.304	8.97
690 .0	7.400	34.929	27.307	8.98
695.0	7.274	34.923	27.320	8.98
700 0	7.195	34.920	27.329	8.98
7(I5 0	7.166	34.917	27.331	8.98
710.0	7.091	34.914	27.338	8.98
715.0	7.040	34.912	27.344	8.98
720.0	7.011	34.908	27.345	8.98
725.0	6.924	34.906	27.355	8.98
7311.0	6>866	34.900	27.359	8.98
735.0	6,829	34.901	27.365	8.98
740.0	6,8115	34.900	27.36?	8.98
745.0	6.780	34.898	27.369	8.98
750.0	6,741	34.897	27,374	8.98

STATION S88G05*0035*DD CRUISE 88G05 DATE 21 OCT GMT 4:54 PM LAT 26 20.3 LON 95 29.7 DEPTH OFFSET 0.0

DEPTH	TEMP	SALT	SIGMA-T	XSM	DEPTH	TEMP	SALT	SIGMA-T	XSM	DEPTH	TEMP	SALT	SIGMA-T	XSM
755.0	6.686	34.895	27.379	8.98	1005.0	5.297	34.907	27.566	8.99	1255.0	4.544	34.942	27.681	9.00
760.0	6.632	34.893	27.385	8.98	1010.0	5.292	34.907	27.567	8.99	1260.0	4.537	34.942	27.682	9.00
765.0	6.572	34.891	27.392	8.98	1015.0	5.286	34.907	27.568	8.99	1265.0	4.524	34.942	27.684	9.00
770.0	6.545	34.892	27.396	8.98	1020.0	5.274	34.907	27.569	8.99	1270.0	4.510	34.943	27.686	9.00
775.0	6.510	34.890	27.399	8.98	1025.0	5.253	34.908	27.573	8.99	1275.0	4.506	34.943	27.687	9.00
780.0	6.463	34.891	27.406	8.98	1030.0	5.232	34.909	27.576	8.99	1280.0	4.497	34.944	27.688	9.00
785.0	6.412	34.890	27.412	8.98	1035.0	5.219	34.909	27.578	8.99	1285.0	4.486	34.945	27.690	9.00
790.0	6.373	34.892	27.419	8.98	1040.0	5.208	34.910	27.580	9.00	1290.0	4.481	34.945	27.691	9.00
795.0	6.367	34.891	27.419	8.98	1045.0	5.195	34.911	27.582	9.00	1295.0	4.469	34.946	27.693	9.01
800.0	6.349	34.889	27.420	8.98	1050.0	5.179	34.911	27.584	9.00	1300.0	4.454	34.946	27.695	9.00
805.0	6.292	34.886	27.425	8.98	1055.0	5.149	34.913	27.589	9.00	1305.0	4.438	34.948	27.698	9.01
810.0	6.242	34.887	27.433	8.98	1060.0	5.118	34.914	27.594	9.00	1310.0	4.432	34.948	27.698	9.01
815.0	6.186	34.886	27.439	8.97	1065.0	5.105	34.915	27.595	9.00	1315.0	4.428	34.948	27.698	9.01
820.0	6.147	34.888	27.445	8.97	1070.0	5.087	34.915	27.598	9.00	1320.0	4.424	34.948	27.699	9.01
825.0	6.105	34.887	27.450	8.97	1075.0	5.058	34.916	27.603	9.00	1325.0	4.419	34.948	27.700	9.01
830.0	6.072	34.887	27.455	8.97	1080.0	5.037	34.918	27.606	8.99	1330.0	4.407	34.949	27.702	9.01
835.0	6.029	34.887	27.460	8.98	1085.0	5.028	34.918	27.607	8.99	1335.0	4.402	34.949	27.703	9.01
840.0	5.989	34.887	27.465	8.97	1090.0	5.009	34.918	27.610	8.99	1340.0	4.398	34.949	27.704	9.01
845.0	5.973	34.887	27.468	8.97	1095.0	4.987	34.920	27.614	8.99	1345.0	4.391	34.950	27.704	9.01
850.0	5.960	34.887	27.469	8.98	1100.0	4.968	34.921	27.616	8.99	1350.0	4.385	34.950	27.705	9.01
855.0	5.927	34.888	27.474	8.98	1105.0	4.956	34.921	27.618	9.00	1355.0	4.382	34.950	27.706	9.01
860.0	5.903	34.890	27.479	8.98	1110.0	4.944	34.922	27.620	8.99	1360.0	4.378	34.950	27.706	9.01
865.0	5.895	34.890	27.479	8.98	1115.0	4.925	34.923	27.623	8.99	1365.0	4.372	34.951	27.708	9.01
870.0	5.866	34.890	27.483	8.98	1120.0	4.908	34.923	27.625	8.99	1370.0	4.367	34.951	27.708	9.01
875.0	5.844	34.889	27.485	8.98	1125.0	4.897	34.924	27.627	8.99	1375.0	4.361	34.951	27.709	9.01
880.0	5.822	34.890	27.488	8.98	1130.0	4.882	34.924	27.629	8.99	1380.0	4.357	34.951	27.709	9.01
885.0	5.807	34.889	27.490	8.98	1135.0	4.860	34.925	27.633	9.00	1385.0	4.353	34.952	27.710	9.01
890.0	5.789	34.889	27.492	8.98	1140.0	4.845	34.926	27.635	9.00	1390.0	4.344	34.952	27.712	9.01
895.0	5.770	34.890	27.495	8.99	1145.0	4.830	34.927	27.637	9.00	1395.0	4.338	34.953	27.713	9.01
900.0	5.758	34.890	27.497	8.98	1150.0	4.822	34.927	27.638	9.00	1400.0	4.331	34.953	27.714	9.01
905.0	5.739	34.891	27.500	8.98	1155.0	4.805	34.928	27.641	9.00	1405.0	4.326	34.953	27.715	9.01
910.0	5.692	34.893	27.507	8.98	1160.0	4.787	34.929	27.643	9.00	1410.0	4.317	34.954	27.716	9.01
915.0	5.671	34.893	27.510	8.98	1165.0	4.769	34.930	27.646	9.00	1415.0	4.314	34.954	27.716	9.01
920.0	5.668	34.892	27.510	8.98	1170.0	4.751	34.931	27.650	9.00	1420.0	4.310	34.954	27.717	9.01
925.0	5.656	34.893	27.511	8.98	1175.0	4.742	34.931	27.651	9.00	1425.0	4.306	34.954	27.718	9.01
930.0	5.617	34.893	27.516	8.98	1180.0	4.735	34.932	27.652	9.00	1430.0	4.301	34.955	27.719	9.01
935.0	5.587	34.894	27.521	8.98	1185.0	4.728	34.932	27.653	9.00	1435.0	4.297	34.955	27.719	9.01
940.0	5.558	34.896	27.526	8.98	1190.0	4.709	34.933	27.656	9.00	1440.0	4.294	34.955	27.719	9.01
945.0	5.541	34.897	27.529	8.98	1195.0	4.690	34.934	27.659	9.00	1445.0	4.291	34.955	27.720	9.01
950.0	5.536	34.896	27.529	8.98	1200.0	4.670	34.935	27.662	9.00	1450.0	4.289	34.955	27.720	9.01
955.0	5.507	34.897	27.533	8.98	1205.0	4.658	34.936	27.664	9.00	1455.0	4.284	34.956	27.721	9.01
960.0	5.477	34.899	27.538	8.99	1210.0	4.646	34.936	27.666	9.00	1460.0	4.280	34.956	27.722	9.01
965.0	5.452	34.900	27.543	8.99	1215.0	4.636	34.937	27.667	9.00	1465.0	4.275	34.956	27.722	9.01
970.0	5.439	34.901	27.545	8.99	1220.0	4.627	34.937	27.668	9.00	1470.0	4.272	34.956	27.723	9.01
975.0	5.428	34.901	27.546	8.99	1225.0	4.615	34.938	27.670	9.00	1475.0	4.268	34.957	27.723	9.01
980.0	5.405	34.902	27.550	8.99	1230.0	4.603	34.938	27.672	9.00	1480.0	4.265	34.957	27.724	9.01
985.0	5.365	34.904	27.556	8.99	1235.0	4.586	34.939	27.675	9.01	1485.0	4.262	34.957	27.724	9.01
990.0	5.338	34.906	27.561	8.99	1240.0	4.572	34.940	27.677	9.01	1490.0	4.261	34.957	27.724	9.01
995.0	5.328	34.905	27.562	8.99	1245.0	4.563	34.941	27.678	9.00	1495.0	4.258	34.957	27.725	9.01
1000.0	5.314	34.906	27.564	8.99	1250.0	4.554	34.941	27.680	9.00	1500.0	4.255	34.957	27.725	9.01

STATION S88G05*0035*DD CRUISE 88G05 DATE 21 OCT GMT 4:54 PM LAT 26 2 0 . 3 LON 95 29.7 DEPTH OFFSET' 0.0

DEPTH	TEMP	SALT	SIGMA-T	XSM	DEPTH	TEMP	SALT	SIGMA-T	XSM	DEPTH	TEMP	SALT	SIGMA-T	XSM
1505.0	4,252	34.958	27.726	9.01										
1510.0	4 ,243	34.958	27.727	9.01										
1515.0	4.242	34.958	27.723	9.01										
1520.0	4.237	34.959	27.728	9.00										
1525.0	4,230	34.959	27.729	9.00										
1530,0	4.229	34,95'3	27.729	9.00										
1s35.0	4.229	34.959	27.729	9.00										
1540.0	4.230	34.959	27.729	9.00										



CRUISE: 88G05 STATION: S88G05*0035*DD DATE: 21 OCT
GMT: 4: 54 PM LATITUDE: 26 20.3 LONGITUDE: 95 29.7

5 METER AVERAGED EXPENDABLE BATHYTHERMOGRAPH

PRI3BE T-7 CRUISE 88G05 STRTION X88G05*035*1 DATE 21OCT88 GMT 1646 LAT 2.5 2 0 . 8 LON 95 3 0 . 0 OPERATOR

z	T	z	T	z	T	z	T	Z	T	Z	T	z	T	z	T
2.6	26.64	202.4	17.96	402.5	11.23	602.4	8.37	802.2	6.09						
7.5	26.62	207.3	17.62	407.5	11.10	607.5	8.32	807.5	6.07						
12.6	26.61	212.3	17.43	412.3	10.99	612.3	8.25	812.7	6.03						
17.5	26.60	217.6	17.12	417.3	10.94	617.5	8.16	817.6	5.99						
22.4	26.62	222.5	16.94	422.4	10.87	622.6	8.07	822.5	5.93						
27.5	26.66	227.5	16.44	427.5	10.81	627.5	8.04								
32.4	26.59	232.5	16.20	432.5	10.69	632.3	7.98								
37.3	26.56	237.5	15.92	437.6	10.56	637.4	7.92								
42.5	26.52	242.4	15.71	442.6	10.50	642.6	7.87								
47.4	26.40	247.4	15.57	447.4	10.45	647.4	7.88								
52.3	26.18	252.4	15.35	452.5	10.37	652.3	7.85								
57.5	25.50	257.4	15.12	457.5	10.33	657.4	7.73								
62.7	24.70	262.3	14.84	462.3	10.27	662.6	7.63								
67.5	24.18	267.3	14.67	467.4	10.17	667.4	7.59								
72.4	23.92	272.3	14.49	472.4	10.10	672.3	7.52								
77.7	23.32	277.3	14.39	477.5	10.06	677.5	7.43								
82.5	23.03	282.3	14.22	482.6	10.02	682.6	7.33								
87.4	22.7a	287.3	14.00	487.4	9.93	687.5	7.28								
92.3	22.54	292.6	13.91	492.5	9.83	692.3	7.17								
97.3	22.40	297.6	13.77	497.5	9.76	697.5	7.08								
102.5	22.21	302.6	13.58	502.3	9.72	702.7	7.04								
107.4	22.06	307.6	13.45	507.4	9.63	707.5	7.00								
112.3	21.92	312.3	13.39	512.5	9.53	712.4	6.88								
117.5	21.73	317.3	13.33	517.3	9.48	717.2	6.83								
122.4	21.51	322.3	13.16	522.4	9.42	722.5	6.76								
127.4	21.38	327.3	13.01	527.5	9.37	727.7	6.69								
132.6	21.21	332.3	12.89	532.3	9.31	732.5	6.64								
137.5	21.02	337.4	12.80	537.4	9.19	737.4	6.54								
142.4	20.90	342.4	12.72	542.5	9.12	742.2	6.48								
147.4	20.76	347.4	12.60	547.3	9.06	747.5	6.46								
152.3	20.57	352.4	12.46	552.4	8.95	752.7	6.42								
157.6	20.36	357.5	12.34	557.5	8.88	757.5	6.37								
162.5	20.22	362.5	12.19	562.3	8.82	762.4	6.34								
167.4	20.03	367.5	12.08	567.4	8.74	767.3	6.22								
172.4	19.88	372.6	11.97	572.6	8.63	772.2	6.28								
177.3	19.75	377.6	11.82	577.4	8.59	777.4	6.25								
182.6	19.59	382.6	11.68	582.5	8.58	782.6	6.22								
187.5	19.28	387.3	11.62	587.6	8.52	787.5	6.18								
192.5	18.91	392.4	11.48	592.4	8.42	792.4	6.15								
197.4	18.45	397.4	11.36	597.2	8.40	797.3	6.12								

5 METER AVERAGED EXPENDABLE BATHYTHERMOGRAPH

PROBE T-7 CRUISE 88G05 STRTION X88G05*36*1 DATE 21OCT88 GMT 2154 LAT 26 .3 LON 95 30.1 OPERATOR

z	T	z	T	z	T	z	T	z	T	z	T	z	T	Z	T
2.6	26.43	202.4	18.84	402.5	11.41	602.4	8.17	802.2	6.03						
7.5	26.51	207.3	18.56	407.5	11.30	607.5	8.13	807.5	5.98						
12.6	26.50	212.3	18.41	412.3	11.22	612.3	8.10	812.7	5.96						
17.5	26.43	217.6	18.16	417.3	11.11	617.5	8.05	817.6	5.94						
22.4	26.2?	222.5	17.91	422.4	11.03	622.6	7.94	822.5	5.90						
27.5	26.28	227.5	17.54	427.5	10.92	627.5	7.88								
32.4	26.27	232.5	17.25	432,5	10.84	632.3	7.81								
37.3	26.26	237.5	17.06	437.6	10.73	637.4	7.74								
42.5	26.24	242.4	16.72	442.6	10.64	642.6	7.69								
47.4	26.10	247.4	16.44	447.4	10.56	647.4	7,62								
52.3	26.16	252.4	16.22	452.5	10.42	652.3	7.57								
57.5	26.10	257.4	15.98	457.5	10.30	657.4	7.54								
62.7	26.06	262.3	15.75	462.3	10.21	662.6	7.49								
67.5	25.93	267.3	15.61	467.4	10.10	667.4	.7.46								
72,4	25.31	272.3	15.40	472.4	10.01	672.3	7.40								
77.7	24.42	277.3	15.19	477.5	9.91	677.5	7.33								
82.5	23.99	282.3	15.01	482.6	9.84	682.6	7.29								
87.4	23.54	287.3	14.86	487.4	9.74	687.5	7.24								
92.3	23.15	292.6	14.64	492.5	9.66	692.3	7.15								
9.7.3	22.76	297.6	14.47	497.5	9.61	697.5	7.09								
102.5	22.40	302.6	14.24	502.3	9.57	7112.7	7.06								
107.4	22.12	307.6	14.12	507.4	9.51	707.5	6.99								
112.3	21.90	312.3	13.98	512.5	9.41	712.4	6.95								
117.5	21.75	317.3	13.86	517.3	9.30	717.2	6.93								
122.4	21.61	322.3	13.75	522.4	9.21	722.5	6.92								
127.4	21.49	327.3	13.59	527,5	9.15	727.7	6.87								
132.6	21.36	332.3	13.46	539.3	9.10	732.5	6.82								
137.5	21.26	337.4	13.23	537.4	9.08	737.4	6.73								
142.4	21.18	342.4	13.08	542.5	9.04	742.2	6.70								
147.4	21.13	347.4	12.95	547.3	8.93	747.5	6.65								
152.3	21.06	352.4	12.79	552.4	8.75	752.7	6.55								
157.6	20.92	357.5	12.55	557.5	8.69	757.5	6.50								
162.5	20.73	362.5	12.42	562.3	8.63	762.4	6.48								
167.4	20.52	367.5	12.30	567.4	8.58	767.3	6.42								
172.4	20.22	372.6	12.07	572.6	8.50	772.2	6.34								
177.3	19.89	377.6	11.97	577.4	8.43	777.4	6.29								
182.6	19.57	382.6	11.90	582.5	8.41	782.6	6.22								
1s7.5	19.33	387.3	11.78	587.6	8.33	797.5	6.15								
192.5	19.19	392.4	11.66	592.4	8.30	792.4	6.12								
197.4	19.03	397.4	11.54	597,2	8.23	797.3	6.07								

STATION S88G05*0037*DD CRUISE 88G05 DATE 21 OCT GMT 11:58 PM LAT 25 40.3 LON 95 30.4 DEPTH OFFSET 0.0

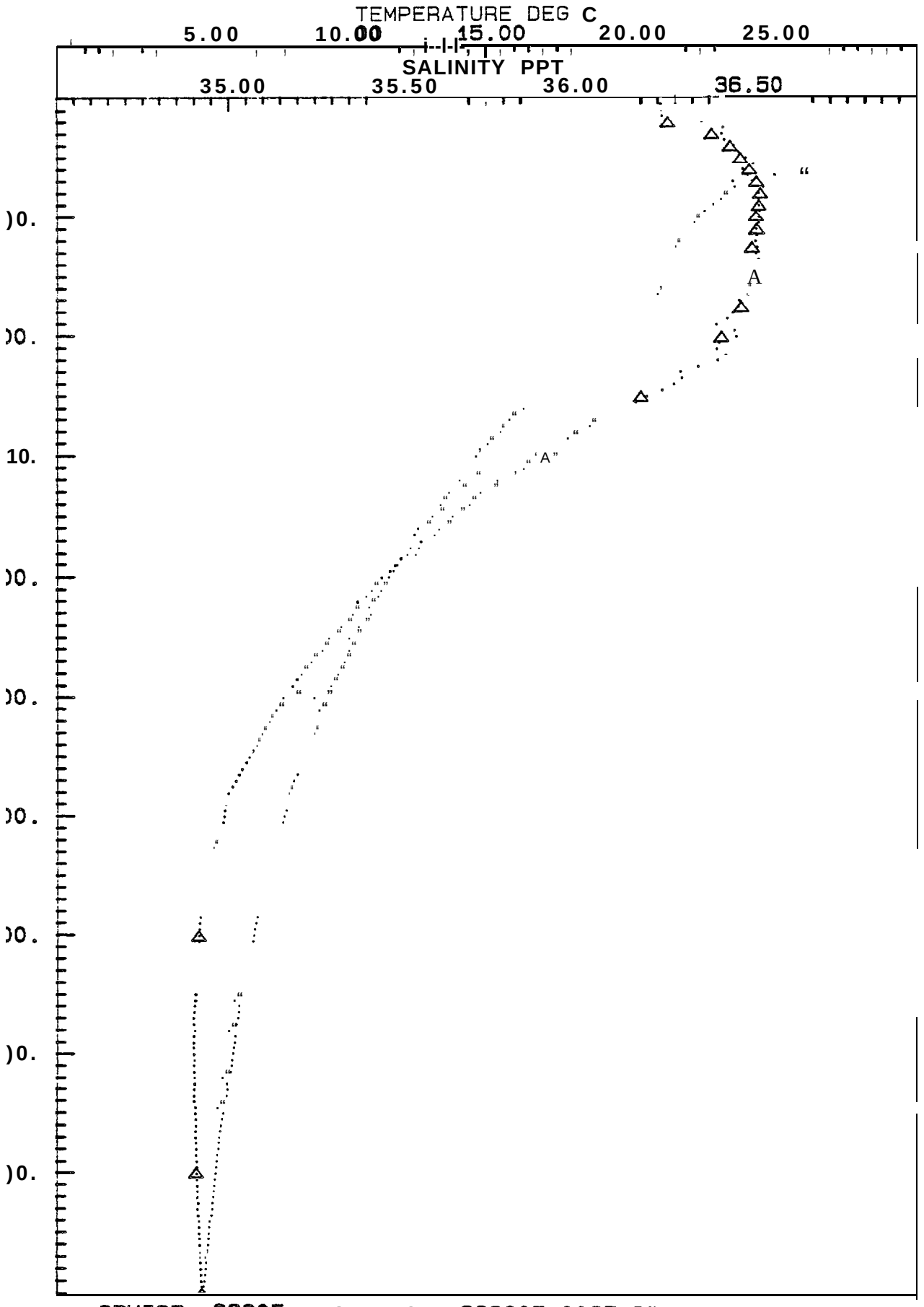
DEPTH	TEMP	SALT	SIGMA-T	XSM	DEPTH	TEMP	SALT	SIGMA-T	XSM	DEPTH	TEMP	SALT	SIGMA-T	XSM
5.0	26.747	36.246	23.740	8.89	255.0	16.473	36.175	26.542	8.98	505.0	9.427	35.140	27.159	8.96
10.0	26.749	36.248	23.741	8.89	260.0	16.284	36.144	26.563	8.98	510.0	9.327	35.128	27.166	8.96
15.0	26.736	36.250	23.746	8.88	265.0	16.025	36.102	26.591	8.98	515.0	9.264	35.118	27.169	8.96
20.0	26.731	36.370	23.838	8.88	270.0	15.770	36.058	26.616	8.98	520.0	9.179	35.112	27.177	8.96
25.0	26.765	36.430	23.873	8.89	275.0	15.603	36.040	26.640	8.98	525.0	9.095	35.097	27.180	8.96
30.0	26.758	36.426	23.872	8.89	280.0	15.472	36.007	26.644	8.98	530.0	9.005	35.090	27.188	8.96
35.0	26.758	36.434	23.878	8.89	285.0	15.240	35.975	26.672	8.98	535.0	8.920	35.082	27.196	8.96
40.0	26.768	36.461	23.895	8.90	290.0	15.015	35.944	26.698	8.98	540.0	8.857	35.074	27.200	8.96
45.0	26.744	36.474	23.913	8.90	295.0	14.784	35.892	26.708	8.98	545.0	8.776	35.063	27.204	8.96
50.0	26.744	36.494	23.928	8.90	300.0	14.591	35.882	26.743	8.98	550.0	8.690	35.050	27.208	8.96
55.0	26.736	36.517	23.947	8.90	305.0	14.425	35.859	26.761	8.98	555.0	8.544	35.041	27.223	8.96
60.0	26.241	36.486	24.082	8.88	310.0	14.326	35.845	26.772	8.97	560.0	8.471	35.029	27.225	8.96
65.0	25.445	36.501	24.341	8.88	315.0	14.216	35.825	26.780	8.97	565.0	8.382	35.021	27.232	8.96
70.0	24.254	36.459	24.672	8.90	320.0	14.004	35.785	26.794	8.97	570.0	8.274	35.013	27.243	8.96
75.0	23.679	36.545	24.909	8.91	325.0	13.827	35.772	26.821	8.97	575.0	8.198	35.001	27.245	8.97
80.0	23.440	36.532	24.969	8.91	330.0	13.649	35.739	26.833	8.97	580.0	8.118	34.990	27.248	8.97
85.0	23.167	36.532	25.049	8.92	335.0	13.436	35.708	26.854	8.97	585.0	8.085	34.987	27.251	8.97
90.0	22.900	36.533	25.128	8.92	340.0	13.356	35.700	26.863	8.97	590.0	8.057	34.984	27.253	8.97
95.0	22.629	36.535	25.207	8.93	345.0	13.230	35.676	26.871	8.98	595.0	8.005	34.980	27.258	8.97
100.0	22.429	36.533	25.263	8.93	350.0	13.066	35.649	26.883	8.98	600.0	7.936	34.979	27.267	8.97
105.0	22.257	36.532	25.312	8.94	355.0	12.942	35.637	26.899	8.98	605.0	7.891	34.976	27.272	8.97
110.0	22.050	36.525	25.365	8.94	360.0	12.773	35.614	26.915	8.98	610.0	7.817	34.964	27.273	8.97
115.0	21.895	36.527	25.409	8.94	365.0	12.663	35.592	26.920	8.98	615.0	7.721	34.961	27.285	8.97
120.0	21.749	36.522	25.447	8.94	370.0	12.475	35.563	26.935	8.98	620.0	7.650	34.955	27.291	8.97
125.0	21.615	36.527	25.489	8.95	375.0	12.308	35.538	26.948	8.98	625.0	7.577	34.949	27.297	8.97
130.0	21.528	36.524	25.510	8.95	380.0	12.191	35.526	26.962	8.98	630.0	7.497	34.943	27.303	8.97
135.0	21.457	36.531	25.536	8.95	385.0	11.994	35.490	26.971	8.98	635.0	7.435	34.938	27.309	8.97
140.0	21.402	36.530	25.550	8.96	390.0	11.858	35.474	26.985	8.98	640.0	7.396	34.936	27.313	8.97
145.0	21.358	36.527	25.560	8.96	395.0	11.746	35.459	26.995	8.98	645.0	7.348	34.933	27.317	8.97
150.0	21.260	36.517	25.579	8.97	400.0	11.586	35.437	27.008	8.98	650.0	7.292	34.928	27.321	8.97
155.0	21.174	36.517	25.603	8.97	405.0	11.491	35.421	27.014	8.98	655.0	7.267	34.927	27.324	8.97
160.0	21.100	36.508	25.617	8.97	410.0	11.367	35.406	27.024	8.98	660.0	7.201	34.921	27.328	8.97
165.0	20.963	36.500	25.648	8.97	415.0	11.252	35.389	27.032	8.98	665.0	7.161	34.921	27.334	8.97
170.0	20.750	36.474	25.687	8.97	420.0	11.111	35.365	27.040	8.98	670.0	7.121	34.917	27.337	8.97
175.0	20.536	36.473	25.743	8.97	425.0	11.029	35.355	27.048	8.98	675.0	7.059	34.910	27.340	8.97
180.0	20.352	36.456	25.780	8.97	430.0	10.985	35.349	27.051	8.97	680.0	7.023	34.911	27.346	8.97
185.0	20.167	36.441	25.818	8.96	435.0	10.913	35.339	27.055	8.97	685.0	6.991	34.908	27.348	8.97
190.0	19.896	36.410	25.867	8.94	440.0	10.738	35.316	27.070	8.97	690.0	6.942	34.907	27.354	8.97
195.0	19.692	36.461	25.960	8.97	445.0	10.611	35.296	27.077	8.97	695.0	6.899	34.906	27.359	8.97
200.0	19.477	36.466	26.020	8.98	450.0	10.495	35.280	27.085	8.97	700.0	6.872	34.905	27.362	8.97
205.0	19.200	36.418	26.055	8.96	455.0	10.411	35.269	27.091	8.97	705.0	6.842	34.904	27.365	8.97
210.0	18.882	36.411	26.132	8.97	460.0	10.348	35.260	27.095	8.97	710.0	6.787	34.902	27.371	8.97
215.0	18.752	36.437	26.184	8.97	465.0	10.232	35.242	27.101	8.97	715.0	6.744	34.900	27.375	8.97
220.0	18.477	36.413	26.236	8.97	470.0	10.124	35.229	27.110	8.97	720.0	6.721	34.899	27.378	8.98
225.0	18.185	36.356	26.266	8.98	475.0	10.009	35.215	27.119	8.97	725.0	6.673	34.898	27.384	8.98
230.0	17.797	36.303	26.322	8.98	480.0	9.900	35.201	27.126	8.97	730.0	6.627	34.896	27.389	8.97
235.0	17.472	36.307	26.405	8.98	485.0	9.794	35.187	27.134	8.97	735.0	6.591	34.896	27.394	8.98
240.0	17.254	36.284	26.440	8.98	490.0	9.719	35.176	27.138	8.97	740.0	6.543	34.895	27.399	8.98
245.0	17.015	36.250	26.472	8.97	495.0	9.611	35.164	27.147	8.97	745.0	6.497	34.895	27.405	8.98
250.0	16.762	36.206	26.498	8.98	500.0	9.503	35.148	27.152	8.96	750.0	6.470	34.895	27.408	8.97

STATION S88G05*0037*DD CRUISE 88G05 DATE 21 OCT GMT 11:58 PM LAT 25 40.3 LON 95 30.4 DEPTH OFFSET 0.0

DEPTH	TEMP	SALT	SIGMA-T	XSM
755.0	6.408	34.894	27.416	8.98
760.0	6.364	34.892	27.420	8.98
765.0	6.351	34.892	27.421	8.98
770.0	6.318	34.890	27.425	8.98
775.0	6.263	34.891	27.432	8.98
780.0	6.225	34.891	27.438	8.98
785.0	6.211	34.891	27.439	8.98
790.0	6.191	34.8'31)	27.442	8.98
795.0	6.170	34.889	27.443	8.98
800.0	6.14'3	34.889	27.446	8.98
805.0	6.113	34.890	27.451	8.98
810.0	6.072	34.890	27.4513	8.98
815.0	6.049	34.890	27.460	8.98
820.0	5.9'36	34.890	27.466	8.98
825.0	5.953	34.892	27.474	8.98
830.0	5. '338	34.8'32	27.4?5	8.98
835.0	5.911	34.892	27'.473	8.98
840.0	5.889	34.891	27.481	8.98
845.0	5.837	34.894	27.490	8.98
850.0	5.796	'34.895	27. 496	8.98
855.0	5 750	34.896	27.502	8.98
860.0	5.711	34.896	27.507	8.98
865.0	5.693	34.896	27.510	8.98
870.0	5.662	34.896	27.51'3	8.98
875.0	5.629	34.897	27.518	8.98
880.0	5.614	34.897	27.521	8.98
885.0	5.595	34.897	27.522	8.98
890.0	5.570	34.898	27.527	8.98
895.0	5.548	34.899	27.530	8.98
900.0	5.538	34.898	27.530	8.98
905.0	5 506	34.899	27 .535	8.99
910.0	5.489	34.900	27.538	8.98
915.0	5.480	34.901	27.540	8.98
920.0	5.450	34.901	27.543	8.98
925.0	5.424	34.903	27.548	8.99
930.0	5.415	34.902	27.54'3	8.99
935.0	5.381	34.904	27.554	8.99
940.0	5.350	34.904	27.558	8.99
945.0	5.321	34.907	27.563	8.99
950.0	5.304	34.907	27.565	8.99
955.0	5.291	34.907	27.568	8.99
960.0	5.276	34.908	27.570	8.99
965.0	5,258	34.908	27.572	8.99
970.0	5.236	34.908	27,575	8.99
975.0	5.216	34.910	27.579	8.99
980.0	5.198	34.911	27.582	8.99
985.0	5.178	34.911	27.584	8.99
990.0	5.153	34.912	27.588	8.99
995.0	5.126	34.913	27.592	8.99
1000.0	5.111	34.'314	27.595	8.99

DEPTH	TEMP	SALT	SIGMA-T	XSM
1005.0	5.097	34.915	2'7 ,537	8.99
10III.U	5.082	34.916	27.599	8.99
1015.0	5.076	34.915	27.599	8.99
1020.0	5.047	"34.917	27.604	8.99
1025.0	5.022	34.918	27.608	8.99
1030.0	5.002	34.919	27.611	8.99
1035.0	4.988	34.920	27.614	8.99
1040.0	4.970	34.921	27.616	8.98
1045.0	4,948	34.922	27.620	8.98
105U.O	4.938	34.923	27.622	8.98
11155.0	4.916	34.922	27.623	8.98
1060.0	4.898	34.925	27.628	8.99
1065.0	4.07'7	34.926	27.631	8.99
1070.0	4,855	34.927	27.634	8.98
1075.0	4.838	34.92?	27.636	8.98
1080.0	4.023	.34.929	27.63'3	8.98
1085.0	4.815	34.929	27.640	8.99
1090.0	4.807	34.928	27.640	8.99
1095.0	4.795	34.928	27,642	8.99
1100.0	4.789	34.930	27,644	8.98
1105.0	4.766	34.929	27.646	8.98
1110.U	4.75?	34.931	27.64'3	8.99
1115.0	4.749	34.932	27.650	8.99
1120.0	4.741	34.932	27.6S2	8.98
1125.0	4.738	34.933	27.652	8.98
1130.0	4.733	34.933	27.653	8.98
1135.0	4.726	34.933	27.654	8.98
1140.0	4.708	34.933	27.6513	8.98
1145.0	4.701	34.934	27.658	8.98
1150.0	4.691	34.'334	27.659	8.98
1155.0	4.670	34.935	27.662	8.98
1160.0	4.653	34.937	27.665	8.98
1165.0	4.638	34.937	27.667	9.00
1170.0	4.634	.34 .937	27.668	9.00
1175.0	4.613	34.937	27.670	9.00
11811.0	4.603	34.939	27.673	8.99
1185.0	4.598	34.939	27.674	8.99
1190.0	4.5'33	34.9"39	27.674	8.99
1195.0	4.587	34.940	27.675	8.99
1200.0	4.582	34.940	27.676	8.99
1205.0	4.575	34.940	27.677	8.99
1210.0	4.569	"34.940	27.677	8.99
1215.0	4.565	34.941	27.678	8.99
1220.0	4.5611	34.941	27.679	8.99
1225.0	4.552	34.940	27.679	8.99
12"30. u	4.542	34.942	27.682	8.99
1235.0	4.s41	3'4.94'2	27.682	8.99
1240.0	4.536	34.942	27.683	8.99
1245.0	4.529	34.943	27.684	8.99
1250.0	4.530	34.943	27.684	8.99

DEPTH	TEMP	SALT	SIGMA-T	XSM
1255.0	4,525	34.943	27.684	8.99
1260.0	4.515	34.944	27.686	8.99
1265.0	4.507	34,944	27.687	8.99
1270.0	4.500	34.'345	27.689	8.99
1275.0	4.485	34.945	27.691	8.99
1280.0	4.460	34.947	27.695	8.99
1285.0	4.443	34.949	27.698	8.98
1290.0	4.442	34.948	2"7.6'3:3	8.98
1295.0	4.439	34.948	27.698	8.98
1300.0	4.437	34.948	27.698	8.99
1305.0	4.436	34.948	27.698	8.99
1310.0	4.434	34.948	27.6.95	8.99
1315.0	4.434	34.948	27.698	8.99
1320.0	4.435	34.948	27.698	8.99
1325.0	4.432	34.948	27.699	8.99
13311.0	4.428	34.948	27.699	8.99
1335.0	4.426	34.949	27.699	8.99
1340.0	4.423	'34,9.4'3	27.700	8.99
1345.0	4.420	34.949	27.701	8.99
1350.0	4.420	34.949	27.701	8.99
1355.(I	4.413	34.950	27.702	8.99



CRUISE: 88G05 STATION: S88G05*0037*DD DATE: 21 OCT
GMT: 11:58 PM LATITUDE: 25 40.3 LONGITUDE: 95 30.4

5 METER AVERAGED EXPENDABLE BATHYTHERMOGRAPH

PROBE T-7 CRUISE 88G05 STATION X88G05*37*1 DATE 21OCT88 GMT 2346 LAT 25 40.0 LON 95 30.3 OPERATOR

Z	T	z	T	z	T	z	T	z	T	z	T	z	T	z	T
2.6	26.66	202.4	18.80	402.5	11.46	602.4	7.75	802.2	5.92						
7.5	26.73	207.3	18.66	407.5	11.33	607.5	7.66	807.5	5.89						
12.6	26.71	212.3	18.49	412.3	11.18	612.3	7.56	812.7	5.85						
17.5	26.67	217.6	18.19	417.3	11.05	617.5	7.54	817.6	5.82						
22.4	26.73	222.5	17.93	422.4	10.89	622.6	7.50	822.5	5.79						
27.5	26.76	227.5	17.60	427.5	10.73	627.5	7.44								
32.4	26.6?	232.5	17.37	432.5	10.60	632.3	7.3?								
37.3	26.70	237.5	17.10	437.6	10.55	637.4	?.31								
42.5	26.71	242.4	16.70	442.6	10.48	642.6	7.26								
47.4	26.69	247.4	16.51	447.4	10.39	647.4	7.18								
52.3	26.72	252.4	16.30	452.5	10.31	652.3	7.13								
57.5	26.,70	257.4	16.14	457.5	10.19	657.4	7.08								
62.7	25.63	262.3	15.87	462.3	10.09	662.6	7.03								
67.5	24.37	267.3	15.64	467.4	9.96	667.4	6.93								
72.4	23.91	272.3	15.39	472.4	9.82	672.3	6.87								
77.7	23.48	277.3	15.25	477.5	9.72	677.5	6.81								
82.5	23.16	282.3	15.01	482.6	9.61	682.6	6.74								
8.7.4	22.87	287.3	14.82	487.4	9.55	687.5	6.70								
92.3	22.60	292.6	14.64	492.5	9.46	692.3	6.6a								
97.3	22.38	297.6	14.42	497.5	9.40	697.5	6.66								
102.5	22.26	302.6	14.27	502.3	9.28	702.?	6.62								
107.4	22.05	307.6	14.06	507.4	9.16	707.5	6.61								
112.3	21.78	312.3	13.84	512.5	9.05	712.4	6,55								
117.5	21.59	317.3	13.69	517.3	8.9'?	717.2	6.53								
122.4	21.47	322.3	13.58	522.4	8.89	722.5	6.5o								
127.4	21.39	327.3	13.33	527.5	8.81	7.2,7.,7	6.47								
132.6	21.30	332.3	13.13	532.3	8.75	732.5	6.43								
137.5	'21.24	337.4	13.01	537.4	8.63	737.4	6.40								
142.4	21.21	342.4	12.?1	542.5	8.55	742.2	6.3.7								
147.4	21.14	347.4	12.73	547.3	8.51	747.5	6.32								
152.3	21. 0.5	352.4	12.53	552.4	8.48	752.7	6.28								
157.6	20.98	357.5	12.47	557.5	8.45	757.5	6.23								
162.5	20.132	362.5	12.40	562.3	a.40	762.4	6.17								
167.4	20.57	367.5	12.27	567.4	8.32	767.3	6.15								
172.4	20.39	372.6	12.15	572.6	8.23	7.72.2	6.09								
17?.3	20.20	377.6	12.07	577.4	8.15	77?.4	6 . 0 7								
182.6	20.00	382.6	11.95	582.5	8.04	782.6	6.03								
187.5	19.77	387.3	11.81	587.6	7.91	787.5	6.00								
192.5	19.55	392.4	11.67	592.4	7.87	7'?2.4	5.97								
197.4	19.23	397.4	11.55	597.2	7.82	797.3	5.95								

5 METER AVERAGED EXPENDABLE BATHYTHERMOGRAPH

PROBE T-7 CRUISE 88G05 STRTION X88G05*38*1 DATE 22OCT88 GMT 0350 LAT 25 20.4 LON 95 29.9 OPERATOR

Z	T	Z	T	z	T	z	T	z	T	z	T	z	T	z	T
2.6	26.44	202.4	18.26	402.5	10.67	602.4	7.61	802.2	5.84						
7.5	26.61	207.3	18.03	407.'5	10.60	607.5	7.55	807.5	5.82						
1'2.6	26.61	212.3	17.75	412.3	10.52	612.3	7.49	812.7	5.78						
17.5	26.60	217.6	17.62	417.3	10.42	617.5	7.40	817.6	5.77						
22.4	26.66	222.5	17.51	422.4	10.36	622.6	7.36	822.5	5.74						
27.5	26.69	227.5	17.23	427.5	10.23	627.5	7.33								
32.4	26.65	232.5	16.95	432.5	10.08	632.3	7.33								
37.3	26.64	237.5	16.80	437.6	9.93	637.4	7.31								
42.5	26.62	242.4	16.54	442.6	9.80	642.6	7.22								
47.4	26.59	247.4	16.40	447.4	9.68	647.4	7.18								
52.3	26.56	252.4	16.20	452.5	9.57	652.3	7.09								
57.5	26.39	257.4	15.82	457.5	9.49	657.4	7.03								
62.7	25.58	262.3	15.51	462.3	9.41)	662.6	6.96								
67.5	24.34	267.3	15.33	467.4	9,36	667.4	6.90								
72.4	23.78	272.3	1'3.05	472.4	9.32	672.3	6.85								
77.7	23.43	277.3	14.74	477.5	9.28	677.5	6.81								
82.5	23.20	2S2.3	14.61	4132.6	9.22	682.6	6.78								
.87.4	22.91	287.3	14.46	487.4	9.16	687.5	6.78								
92.3	22.70	292.6	14.30	492.5	9.10	692.3	6.79								
97.3	22.47	297.6	14.09	497.5	8.92	697.5	6.74								
102.5	22.28	302.6	13.91	502.3	8.81	702.7	6.62								
107.4	22.11	307.6	13.62	507.4	8.75	707.5	6.54								
112.3	21.91	312.2	13.37	512.5	8.71	712.4	6.45								
117.5	21.72	317.3	13.14	517.3	8.64	717.2	6.37								
122.4	21.48	322.3	13.03	522.4	8.55	722.5	6.33								
127.4	21.37	327.3	12.82	527.5	8.47	727.7	6.26								
132.6	21.28	332.3	12.68	532.3	8.39	732.5	6.24								
137.5	21.20	337.4	12.42	537.4	8.35	737.4	6.23								
142.4	21.12	342.4	12.25	542.5	8.31	742.2	6.19								
147.4	20.97	347.4	12.08	547.3	8.29	747.5	6.16								
152.3	20.70	352.4	12.01	552.4	8.21	752.7	6.09								
157.6	20.52	357.5	11.94	557.5	8.12	757.5	6.05								
162.5	20.43	362.5	11.81	562.3	8.08	762.4	6.03								
167.4	20.28	367.5	11.66	567.4	7.97	707.3	6.03								
172.4	20.06	372.6	11.50	572.6	7.89	772.2	6.01								
177.3	19.84	377.6	11.36	577.4	7.01	777.4	5.97								
182.6	19.56	382.6	11.17	582.5	7.77	782.6	5.90								
187.5	19.30	38?.3	11.01	587.6	7.72	787.5	5.88								
192.5	18.90	392.4	10.91	592.4	7.68	7?"2.4	5.86								
197.4	18.45	397.4	10.76	597.2	7.65	797.3	5.85								

5 METER AVERAGED EXPENDABLE BATHYTHERMOGRAPH

PROBE T-7 CRUISE 88G05 STRTION X88G05*39*2 DATE 22OCT88 GMT 0542 LAT 24 59.8 LON 95 30.2 OPERATOR

z	T	z	T	z	T	z	T	z	T	z	T	z	T	z	T
2.6	26.56	202.4	17.53	402.5	10.35	602.4	7.29	802.2	6.09						
7.5	26.76	207.3	17.24	407.5	10.1s	607.5	7.26	807.5	6.06						
12.6	26.75	212.3	17.07	412.3	10.05	612.3	7.2?	812.7	6.02						
17.5	26.73	217.6	16.76	417.3	9.93	617.5	7.19	817.6	5.97						
22.4	26.70	222.5	16.37	422.4	9.77	622.6	7.16	822.5	5.92						
27.5	26.63	227.5	16.07	427.5	9.62	627.5	7.14								
32.4	26.61	232.5	15.86	432.5	9.52	632.3	7.11								
37.3	26.60	237.5	15.62	437.6	9.40	637.4	7.09								
42,5	26.5,4	242.4	15.39	442.6	9.29	642.6	7.08								
47.4	26.29	247.4	15.10	447.4	9.18	647.4	7.07								
52.3	25.82	252.4	14.88	452.5	9.08	652.3	7.05								
57.5	25.47	257.4	14.61	457.5	9.00	657.4	7.00								
62,7	25.02	262.3	14.37	462.3	8.84	662.6	6.96								
67,5	24.66	267,3	14.25	467.4	8.79	667.4	6.93								
72 .4	24.16	272.3	14.15	472.4	8.74	672.3	6.90								
77.7	23.62	277.3	14.11	477.5	8.65	6,7,7.5	6.87								
82.5	23.16	282.3	13.94	482.6	8.56	682.6	6.83								
87.4	22.67	287.3	13.92	487.4	8.54	687.5	6.82								
92.3	22.47	292.6	13.91	492.5	8.51	692.3	6.78								
97,3	22.23	297.6	13.76	497.5	8.49	697.5	6.74								
102.5	21.82	302.6	13.59	502.3	8.44	702.7	6.71								
107.4	21.72	307.6	13.20	507.4	8.35	707.5	6.68								
112.3	21.54	312.3	12.87	512.5	8.25	712.4	6.64								
117.5	21.22	317.3	12.67'	517.3	8.1?	717.2	6.61								
122.4	21.08	322.3	12.56	522.4	8.18	7'22.5	6.59								
12?.4	20.84	327.3	12.37	527.5	8.12	727.7	6.56								
132.6	20.65	332.3	12.18	532.3	8.05	732.5	6.54								
137.5	20.50	337.4	12.08	537.4	7.95	737.4	6.51								
142.4	20.36	342.4	11.85	54'2.5	7.85	742.2	6.47								
147.4	20.17	347.4	11.79	547.3	7.?7	747.5	6.42								
152.3	19.95	352.4	11.57	552..4	7.73	752.7	6.40								
157.6	19.72	357.5	11.43	557.5	7.67	757.5	6.39								
162.5	19.61	362.5	11.31	562.3	7.63	762.4	6.37								
167.4	19.35	367.5	11.23	567.4	7.60	76?.3	6.31								
172.4	19.12	372.6	11.03	572.6	7.55	772.2	6.29								
177.3	18.97	377.6	10.90	577.4	7.47	777.4	6.25								
182.6	18.69	382.6	10.70	582.5	7.43	782.6	6.24								
187.5	18.48	387.3	10.61	587.6	7.37	787.5	6.21								
192.5	1S.25	392.4	10.55	592.4	7.34	792.4	6.15								
197.4	17.92	397.4	10.48	597.2	7.31	797.3	6.12								

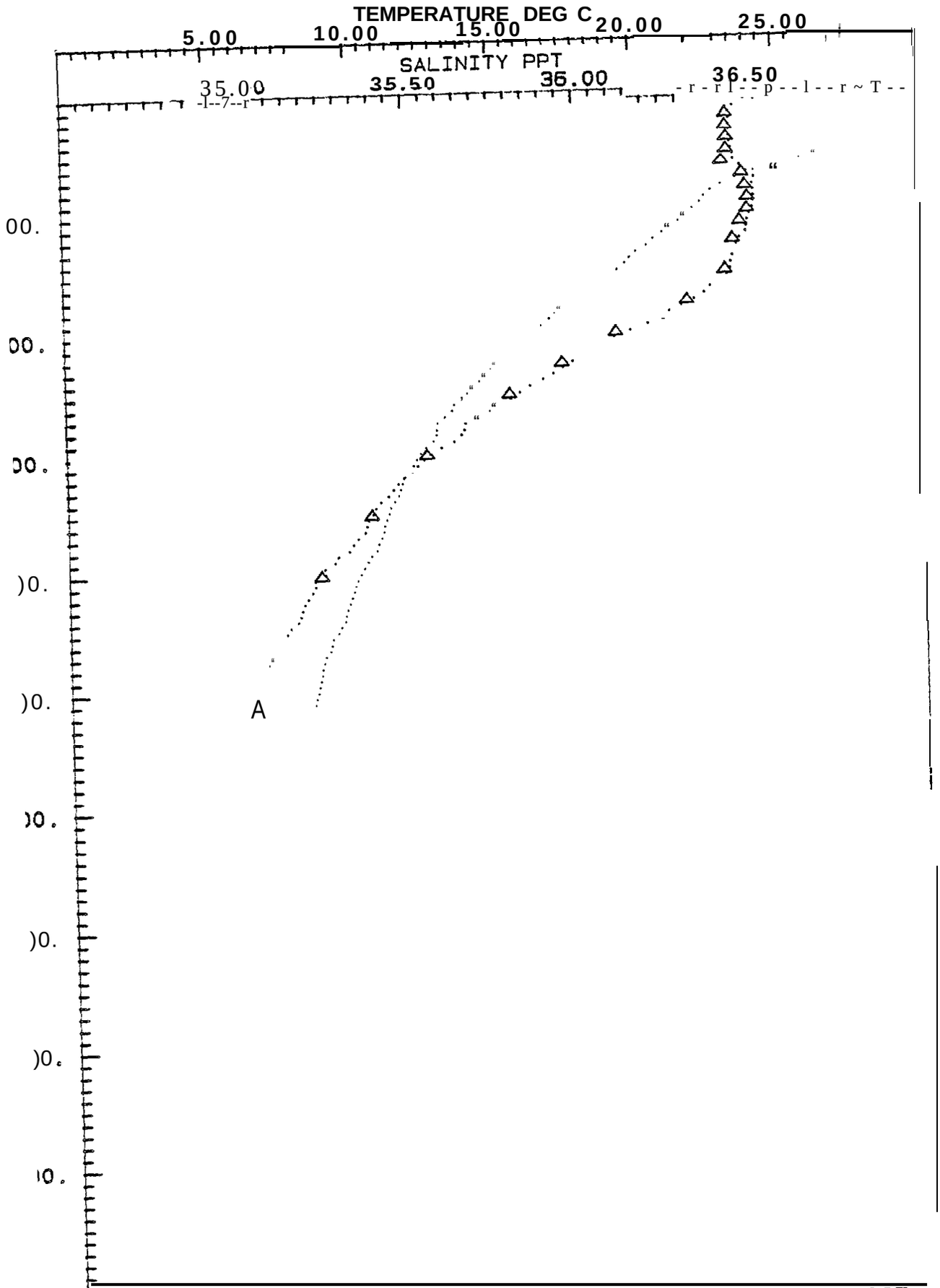
5 METER AVERAGED EXPENDABLE BATHYTHERMOGRAPH

PROBE T-7 CRUISE 88G05 STRTION X88G05*40*1 DATE 22OCT88 GMT 0S44 LAT 25 20.3 LON 95 53.0 OPERATOR

z	T	z	T	z	T	z	T	z	T	Z	T	z	T	z	T
2.6	26.34	202.4	18.35	402.5	10.76	602.4	7.45	802.2	5.74						
7.5	26.42	207.3	18.09	407.5	10.60	607.5	7.40	807.5	5.72						
12.6	26.42	212.3	17.64	412.3	10.38	612.3	7.35	812.7	5.71						
17.5	26.37	217.6	17.19	417.3	10.23	617.5	7.28	817.6	5.68						
22.4	26.33	222.5	16.90	422.4	10.14	622.6	7.24	022.5	5.66						
27.5	26.33	227.5	16.56	427.5	10.05	627.5	7.22								
32,4	26.31	232.5	16.32	432.5	10.03	632.3	7.18								
37.3	2.5.30	237.5	16.20	437.6	9.95	637.4	7.12								
42.5	26.29	242.4	16.01	442.6	9.81	642.6	7.10								
47.4	26.30	247.4	15.64	447.4	9.72	647.4	7.01								
52.3	26.30	252.4	15.49	452.5	9.62	652.3	6.92								
57.5	26.26	257.4	15.28	457.5	9.53	657.4	6.91								
62.7	26.17	262.3	15.17	462.3	9.42	662.6	6.88								
67.5	24.96	267.3	14.93	467.4	9.36	667.4	6.84								
72.4	24.08	272.3	14.72	472.4	9.28	672,3	6.82								
77.7	23.75	277.3	14.48	477.5	9.25	677.5	6.77								
82.5	23.20	282.3	14.33	482.6	9.1.5	682.6	6.69								
87.4	22.80	287.3	14.23	487.4	9.08	687.5	6.64								
92.3	22.61	292.6	13.96	492.5	9.03	692.3	6.60								
97.3	22.31	297.6	13.81	497.5	8.96	697.5	6.58								
102.5	21.92	302.6	13.68	502.3	8.89	702.7	6.54								
107.4	21.70	307.6	13.59	507.4	8.80	707.5	6.51								
112.3	21.52	312.3	13.43	512.5	8.77	712.4	6.49								
117.5	21.28	317.3	13.07	517.3	8.75	717.2	6.44								
122.4	21.11	322.3	12.90	522.4	8.66	722.5	6.37								
127.4	20.26	327.3	12.77	527.5	8.57	727,?	6.32								
132.6	20.79	332.3	12.63	532.3	8.49	732.5	6.26								
137,5	20.58	337.4	12.47	537.4	8.35	737.4	6.20								
142.4	20.41	342.4	12.38	542.5	8.27	.742.2	6.16								
147.4	20.34	347.4	12.32	547.3	8.18	747.5	6.11								
152.3	20.19	352.4	12.25	552.4	8.09	752.7	6.05								
157.6	19.79	357.5	12.11	557.5	7.99	757.5	5.99								
162.5	19.63	362.5	12.02	562.3	7.94	762.4	5.97								
167.4	19.47	367.5	11.92	567.4	7.88	767.3	5.94								
172.4	19.36	372.6	11.82	572.6	7.82	772.2	5.92								
177.3	19.29	377.6	11.60	577.4	7.72	777.4	5.90								
182.6	19.95	382.6	11.36	592.5	7.66	782.6	5.88								
197.5	18.63	387.3	11.19	587.6	7.66	787.5	5.86								
192.5	18.59	392.4	11.11	592.4	7.65	792.4	5.83								
197.4	18.51	397.4	11.02	597.2	7.53	797.3	5.78								

STATION S88G05*0041*DD CRUISE 88G05 DATE 22 OCT GMT 11:15 AM LAT 25 40.0 LON 96 15.0 DEPTH OFFSET 0.0

DEPTH	TEMP	SALT	SIGMA-T	XSM
10.0	26.703	36.520	23.961	8.91
15.0	26.706	36.459	23.913	8.91
20.0	26.708	36.447	23.904	8.91
25.0	26.709	36.446	23.903	8.91
30.0	26.710	36.445	23.902	8.91
35.0	26.710	36.445	23.902	8.91
40.0	26.705	36.446	23.904	8.91
45.0	26.700	36.446	23.905	8.90
50.0	26.575	36.450	23.949	8.89
55.0	26.472	36.454	23.984	8.89
60.0	25.893	36.457	24.168	8.88
65.0	25.186	36.475	24.402	8.88
70.0	24.278	36.493	24.691	8.88
75.0	23.641	36.516	24.898	8.89
80.0	23.140	36.510	25.040	8.89
85.0	22.788	36.513	25.145	8.89
90.0	22.521	36.515	25.223	8.90
95.0	22.384	36.514	25.261	8.91
100.0	22.139	36.512	25.330	8.91
105.0	21.871	36.502	25.398	8.91
110.0	21.632	36.496	25.460	8.91
115.0	21.327	36.493	25.542	8.91
120.0	21.036	36.490	25.620	8.92
125.0	20.719	36.471	25.693	8.92
130.0	20.494	36.463	25.747	8.93
135.0	20.110	36.459	25.847	8.94
140.0	19.910	36.450	25.893	8.94
145.0	19.704	36.445	25.944	8.94
150.0	19.457	36.443	26.008	8.94
155.0	19.085	36.433	26.096	8.95
160.0	18.546	36.412	26.218	8.95
165.0	18.224	36.383	26.277	8.95
170.0	18.031	36.364	26.311	8.96
175.0	17.759	36.335	26.356	8.96
180.0	17.425	36.298	26.409	8.96
185.0	17.200	36.264	26.438	8.96
190.0	17.018	36.247	26.469	8.96
195.0	16.740	36.198	26.497	8.96
200.0	16.251	36.147	26.573	8.96
205.0	15.912	36.100	26.615	8.96
210.0	15.840	36.081	26.617	8.96
215.0	15.657	36.054	26.638	8.96
220.0	15.492	36.029	26.656	8.96
225.0	15.076	35.976	26.709	8.96
230.0	14.931	35.949	26.720	8.96
235.0	14.737	35.921	26.741	8.96
240.0	14.539	35.889	26.759	8.94
245.0	14.285	35.849	26.784	8.93
250.0	14.090	35.820	26.803	8.94
255.0	13.938	35.794	26.814	8.95
260.0	13.598	35.746	26.849	8.95
265.0	13.537	35.732	26.851	8.95
270.0	13.315	35.698	26.871	8.95
275.0	13.062	35.659	26.892	8.96
280.0	13.031	35.655	26.895	8.96
285.0	12.990	35.647	26.897	8.94
290.0	12.867	35.625	26.905	8.92
295.0	12.616	35.587	26.925	8.92
300.0	12.427	35.553	26.936	8.93
305.0	12.291	35.536	26.950	8.93
310.0	12.182	35.518	26.958	8.94
315.0	12.042	35.501	26.971	8.94
320.0	11.867	35.477	26.986	8.94
325.0	11.762	35.459	26.991	8.94
330.0	11.699	35.445	26.993	8.94
335.0	11.619	35.429	26.996	8.94
340.0	11.484	35.407	27.004	8.94
345.0	11.333	35.391	27.020	8.94
350.0	11.277	35.383	27.024	8.95
355.0	11.195	35.369	27.028	8.95
360.0	11.108	35.365	27.040	8.94
365.0	11.076	35.360	27.042	8.93
370.0	10.995	35.338	27.040	8.93
375.0	10.890	35.324	27.048	8.93
380.0	10.820	35.311	27.051	8.93
385.0	10.629	35.279	27.060	8.94
390.0	10.497	35.268	27.075	8.94
395.0	10.362	35.239	27.076	8.94
400.0	10.250	35.242	27.098	8.94
405.0	10.123	35.210	27.095	8.95
410.0	10.053	35.212	27.108	8.95
415.0	9.995	35.202	27.111	8.95
420.0	9.921	35.189	27.114	8.94
425.0	9.833	35.178	27.120	8.94
430.0	9.750	35.172	27.129	8.94
435.0	9.692	35.166	27.134	8.94
440.0	9.657	35.158	27.134	8.94
445.0	9.524	35.137	27.140	8.93
450.0	9.406	35.125	27.151	8.93
455.0	9.214	35.106	27.167	8.93
460.0	9.159	35.106	27.176	8.93
465.0	9.118	35.098	27.176	8.93
470.0	8.960	35.080	27.187	8.94
475.0	8.890	35.072	27.193	8.94
480.0	8.831	35.063	27.195	8.95
485.0	8.797	35.062	27.200	8.95
490.0	8.762	35.058	27.202	8.95
495.0	8.707	35.052	27.206	8.95
500.0	8.671	35.048	27.209	8.94
505.0	8.598	35.040	27.214	8.95
510.0	8.556	35.038	27.219	8.94



CRUISE: 88G05 STATION: S88G05*0041*DD DATE: 22 OCT
GMT: 11:15 AM LATITUDE: 25 40.0 LONGITUDE: 96 15.0

5 METER AVERAGED EXPENDABLE BATHYTHERMOGRAPH

PROBE T-7 CRUISE 88G05 STATION X88G05*41*1 DATE 22OCT88 GMT 1109 LAT 25 40.0 LON 96 14.9 OPERATOR

Z	T	z	T	z	T	Z	T	z	T	z	T	z	T	z	T
2.6	26.57	202.4	15.95	4112.5	10.01	602.4	7.68	802.2	7.83						
7.5	26.66	207.3	15.63	407.5	9.87	607.5	7.69	807.5	7.83						
12.6	26.67	212.3	15.46	412.3	9.78	612.3	7.69	812.7	7.84						
17.5	26.68	217.6	15.34	417.3	9.70	617.5	7.69	817.6	7.84						
22.4	26.67	222.5	15.13	422.4	9.61	622.6	7.69	822.5	7.84						
27.5	26.66	227.5	14.79	427.5	9.5'5	627.5	7.69								
32.4	26.65	232.5	14.45	432.5	9.47	632.3	7.69								
37.3	26.64	237.5	14.30	437.6	9.42	637.4	7.69								
42.5	26.59	242.4	14.10	442.6	9.34	642.6	7.69								
47.4	26.52	247.4	13.89	447.4	9.26	647.4	7.70								
52.3	26.43	252.4	13.68	452.5	9.21	652.3	7.70								
57.5	26.34	257.4	13.63	457.5	9.10	657.4	7.70								
62.7	25.55	262.3	13.46	462.3	9.04	662.6	7.71								
67.5	24.89	267.3	13.17	467.4	8.97	667.4	7.72								
72.4	23.81	272.3	12.98	472.4	8.91	672.3	7.71								
77.7	23.22	277.3	12.81	477.5	8.81	677.5	7.72								
S2.5	22.81	282.3	12.72	482.6	8.74	682.6	7.72								
87.4	22.55	287.3	12.63	487.4	8.64	687.5	7.72								
92.3	22.40	292.6	12.53	492.5	8.55	692.3	7.73								
97.3	22.24	297.6	12.45	497.5	0.44	697.5	7.73								
102.5	21.96	31]2.6	12.28	502.3	8.37	702.7	7.74								
107.4	21.72	3117.6	12.16	507.4	8.30	707.5	7.74								
112.3	21.37	312.3	12.07	512.5	8.22	712.4	7.75								
117.5	21.00	317.3	11.97	517.3	8.20	717.2	7.75								
122.4	20.66	322.3	11.76	522.4	8.16	722.5	7.75								
127.4	20.42	327.3	11.58	527.5	8.11	727.7	7.76								
132.6	20.04	332.3	11.48	532.3	8.09	732.5	7.76								
137.5	19.85	337.4	11.38	537.4	8.08	737.4	7.76								
142.4	19.61	342.4	11.30	542.5	8.06	742.2	7.77								
147.4	19.32	347.4	11.27	547.3	8.02	747.5	7.77								
152.3	19.03	352.4	11.17	552.4	8.00	752.7	7.77								
157.6	18.59	35.7.5	11.05	557.5	7.98	757.5	7.7a								
162.5	18.28	362.5	10.96	562.3	7.96	742.4	7.78								
167.4	17.94	367.5	10.78	567.4	7.95	767.3	7.78								
172.4	17.53	372.6	10.57	572.6	7.92	772.2	7.79								
177.3	17.41	377.6	10.48	577.4	7.86	777.4	7.80								
182.6	17.26	382.6	10.39	582.5	7.72	782.6	7.83								
197.5	17.05	387.3	10.32	587.6	7.69	787.5	7.83								
192.5	16.78	392.4	10.27	592.4	7.69	792.4	7.83								
197.4	16.41	397.4	10.16	597.2	7.68	797.3	7.83								

5 METER AVERAGED EXPENDABLE BATHYTHERMOGRAPH

PROBE T-7 CRUISE 88G05 STATION X88G05*42*1 DATE 22OCT88 GMT 1408 LAT 25 59.8 LON 96 15.1 OPERATOR

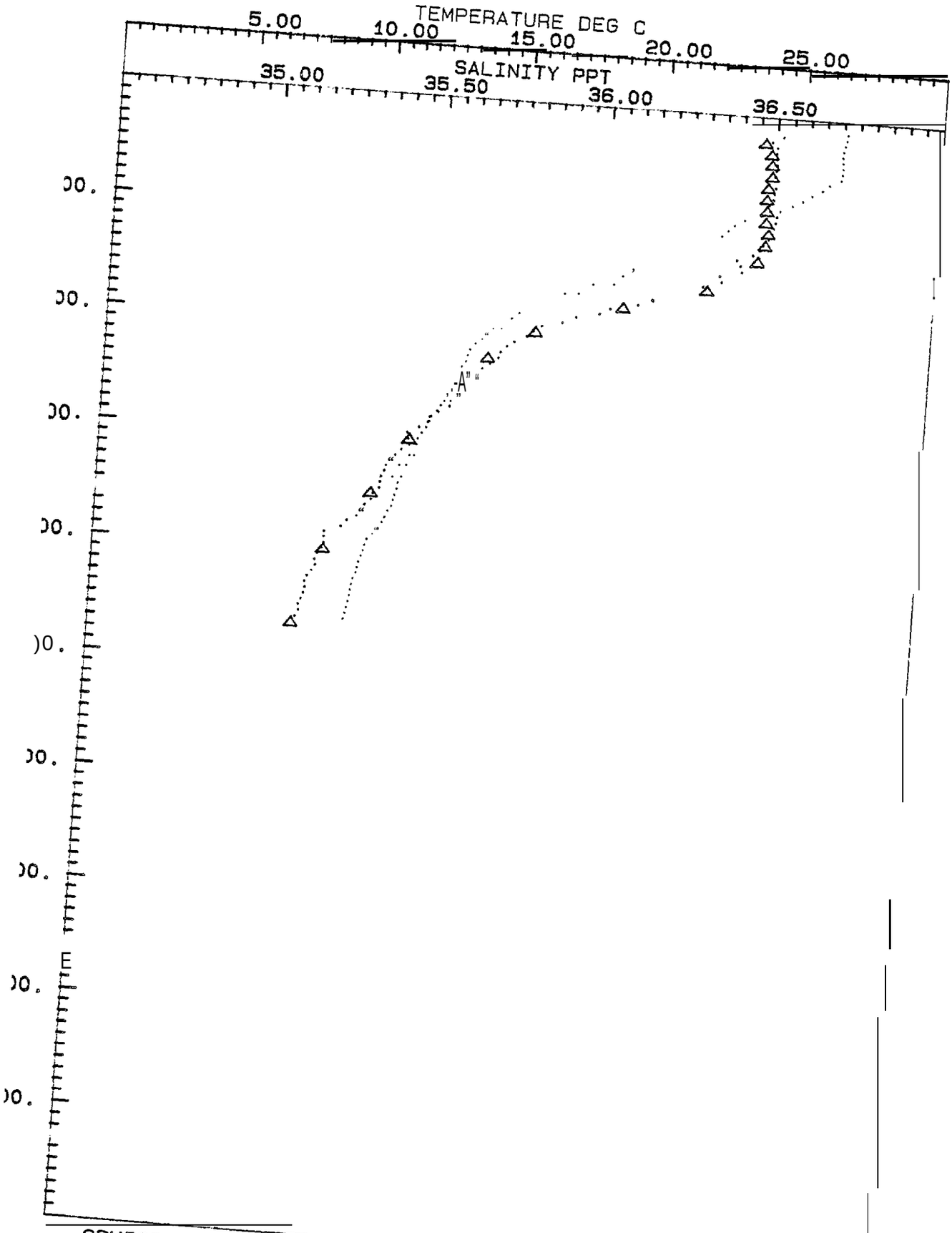
z	T	z	T	z	T	z	T	z	T	z	T	z	T	z	T
2.6	26.69	202.4	14.96	402.5	10.07	602.4	9.82	802.2	9.90						
7.5	26.64	207.3	14.72	407.5	9.94	607.5	9.83	807.5	9.91						
12.6	26.63	212.3	14.60	412.3	9.78	612.3	9.84	812.7	9.90						
17.5	.26.63	217.6	14.44	417.3	9.67	617.5	9.84	817,6	9.90						
22.4	26.62	222.5	14.34	422.4	9.66	622.6	9.85	922.5	9.90						
27.5	26.62	227.5	14.12	427.5	9.66	627.5	9.84								
32.4	26.62	232.5	13.83	432.5	9.66	632.3	9.85								
37.3	26.61	237.5	13.58	437.6	9.66	637.4	9.85								
42.5	26.52	242.4	13.46	442.6	9.66	642.6	9.85								
47.4	26.49	247.4	13.41	447.4	9.66	647.4	9.85								
52.3	26.36	252.4	13.31	452.5	9.67	652.3	9.86								
57.5	25.55	257.4	13.24	457.5	9.67	657.4	9.86								
62.7	24.98	262.3	13.04	462.3	9.67	662.6	9.86								
67.5	24.83	267.3	12.88	467.4	9.68	667.4	9.87								
72.4	2.4.32	272.3	12.79	472.4	9.68	672.3	9.87								
77.7	23.65	277.3	12.54	477.5	9.69	677.5	9.87								
82.5	23.17	282.3	12.21	482.6	9.6?	682.6	9.87								
87.4	22.65	287.3	12.13	487.4	9.70	687.5	9.88								
92.3	22.40	292.6	12.07	492.5	9.71	692.3	9.88								
97.3	2'2.16	297.6	11.97	497.5	9.72	697.5	9.88								
102.5	21.89	302.6	11.81	502.3	9.72	.702.7	9.88								
1117.4	21.70	307.6	11.71	507.4	9..73	707.5	9.88								
112.3	21.22	312.3	11.56	512.5	9.74	712.4	9.89								
117.5	20.68	317.3	11.45	517.3	9.74	717.2	9.8?								
122.4	20.40	322.3	11.32	522.4	9.74	722.5	9.89								
127.4	20.00	327.3	11.19	527.5	9.75	727.7	9.89								
132.6	19.56	332.3	11.09	532.3	9 .75	732.5	9.89								
137.5	19.36	337.4	11.00	537.4	9.75	-3,7.4	9.89								
142.4	19.16	342.4	10.93	542.5	9.76	742.2	?.89								
147.4	18.94	347.4	10.86	547.3	9.77	747.5	9.89								
152.3	18.58	352.4	10.71	552.4	9.77	752.7	9.89								
157.6	18.12	357.5	10.58	557.5	9.78	757.5	9.90								
162.5	18.00	362.5	10.51	562.3	9.78	762.4	9.90								
167.4	17.58	367.5	10.48	567.4	9.80	767.3	9.90								
172.4	17.12	372.6	10.43	572.6	9.80	772.2	9.90								
177.3	16.77	377.6	10.34	577.4	9.80	777.4	9.90								
182.6	16.41	382.6	10.31	582.5	9.81	782.6	9.90								
187.5	16.28	387.3	10.29	587.6	9.81	787.5	9.90								
192.5	15.90	3S'2.4	10.24	592.4	9.82	792.4	9.90								
197.4	15.42	397.4	10.19	597.2	9.82	797.3	9.90								

STATION S88G05*0043*DD CRUISE 88G05 DATE 22 OCT GMT 3:58 PM LAT 26 19.7 LON 96 15.1 DEPTH OFFSET 0.0

DEPTH	TEMP	SALT	SIGMA-T	XSM
5.0	26.515	23.310	14.089	8.87
10.0	26.508	37.028	24.406	8.88
15.0	26.492	36.508	24.019	8.88
20.0	26.469	36.474	24.000	8.89
25.0	26.4'23	36.492	24.028	8.91
30.0	26.419	36.491	24.0'29	8.91
35.0	26.423	36 .492	24.028	8.91
40 0	26.426	36 .434	24. 029	8.91
45.0	26.423	36.494	24.030	8.91
50.0	26.393	36.490	24.037	8.91
55.0	25.981	36,465	24.147	8.90
60.0	25.734	36.494	24.246	8.90
65.0	25.360	36.491	24.360	8.90
70.0	25.1)40	36,4"30	24.458	8.91
75.0	24.690	36.475	24.556	8.90
80.0	24.247	36.4S1]	24.690	8.91
85.0	23.559	36.503	24.912	8.91
90.0	22.995	36.500	25.075	8.91
95.0	22 ,634	36.4'36	25.176	8.90
100.0	22.409	36.493	25.23S	8.91
105.0	22.186	36.483	25.294	8.92
110.0	21.936	36.468	25.353	8.91
115.0	21.623	36.457	25.433	8.89
120.0	21.393	36.439	25.483	8.71
125.0	20.864	36.391	25.592	8.62
130.0	20 .14?	36.403	25.794	8.57
135.0	19.636	36.408	25.934	8.68
140.0	19.068	36.339	26.029	8.74
145.0	18.675	'36.346	26.135	8.71
150.0	18.392	36.2.33	26.165	8.66
155.0	17.613	36.182	26.275	8.69
160 1!	17.129	36.183	26.392	8.75
165.0	16.614	36.145	26.486	8.80
170.0	16 .271	36.098	26.531	8.82
175.0	15.608	36.017	26.621	8.85
180.0	1'5.3119	35.986	26.665	8.91
185.0	14.989	35.914	26.680	8.93
190.0	14,747	35.875	26.703	8.91
195.0	14.405	35,812	26.729	8.94
200.0	14.074	35.787	26.781	8.95
205 0	13.933	35.769	26 797	8.95
210.0	13.695	35.734	26.819	8.95
215.0	13.492	35.710	26.843	8.96
220.0	13.310	35.6'32	26.1367	8.96
225.0	13.244	35.687	26.876	8.96
230.0	13.188	35,663	26.870	8.96
235.0	13.038	35,640	26.882	8.96
240.0	12.920	35 .628	26.896	8.96
245.0	12,80'3	35.607	26.903	8.96
250.0	12.766	35.614	26.916	8.95

DEPTH	TEMP	SALT	SIGMA-T	XSM
2ss.0	12.735	:35.603	26.914	8.95
260.0	12.608	35.580	26.921	8.95
265.0	12.482	3s.563	26.933	8.96
2:70.0	12.385	35.548	26.941	8.96
275 0	12.273	35.517	26.939	8.96
280.0	12.086	35.493	26.957	8.96
285.0	11.975	35.486	26.972	8.96
290.0	11.894	35.460	26.969	8.96
295,0	11.74?	35.427	26.970	8.96
300.0	11.620	35.432	26.997	8.96
305.0	11.5'36	35 .437	27.006	8.96
310.0	11.544	35,415	26.999	8.96
315.0	11.419	35.395	27.007	8.96
320.0	11.292	35.3?5	27.015	8.96
325.0	11.191	35.36'7	27.027	8.96
,3311,0	11.118	35.364	27.039	8.96
335.0	11.042	35.356	27.046	8.96
340$0	11.000	35.3s2	27.050	8.96
345.0	10.971	35.351	27.055	8.96
350.0	10.906	35.334	27.053	8.96
355,0	10.861	35.330	27.058	8.96
360.0	10.817	35.313	27.053	8.95
365 0	10.714	35.298	27.060	8.95
370.0	10.627	35.288	27.067	8.95
375.0	10.487	35.260	27.071	8.95
380. u	10.36'3	35,244	27.079	8.95
385.0	10 195	35.195	27.071	8.95
390!u	10.013	35.194	27.102	8.94
395.0	9 945	35.195	27.114	8.95
400.0	9.900	35 190	27.118	8.95
405 0	9.837	35.179	27.120	8.95
410.0	9.760	.35,172	27.128	8.95
415.0	9, 724	35.174	27.135	8.95
420.0	9.691	.35.164	27.133	8.95
425.0	9.590	35.151	27.140	8.94
430.0	9.542	35.145	27.143	8.92
435.0	9.514	3'5.147	27.150	8.92
440.0	9.499	35.144	27.149	8.92
445, 0	9 467	35.137	27.150	8.92
450,0	9.421	35.130	27.151	8.92
455.0	9.389	35,13'2	27.159	8.92
460.0	9.332	35.12"3	27.161	8.92

DEPTH	TEMP	SALT	SIGMA-T	XSM



CRUISE: 88G05 STATION: S88G05*0043*DD DATE: 22 OCT
GMT: 3:58 PM LATITUDE: 26 19.7 LONGITUDE: 96 15.1

5 METER AVERAGED EXPENDABLE BATHYTHERMOGRAPH

PROBE T-7 CRUISE 88G05 STATION X88G05*43*1 DATE 22OCT88 GMT 154S LAT 26 19.5 LON 96 15.1 OPERATOR

z	T	z	T	z	T	z	T	z	T	z	T	z	T	z	T	z	T
2.6	26.61	2112.4	14.04	402.5	10.10	602.4	9.13	802.2	9.16								
7.5	26.54	207.3	13.86	407.5	9.87	607.5	9.13	807.5	9.16								
12.6	26.53	212.3	13.63	412.3	9.76	612.3	9.13	S12.7	9.16								
17.5	26.52	217.6	13.56	417.3	9.72	617.5	9.14	817.6	9.16								
22.4	26.50	222.5	13.41	422.4	9.66	622.6	9.14	822.5	9.16								
27.5	26.48	227.5	13.33	427.5	9.64	627.5	9.14										
32.4	26.46	232.5	13.16	432.5	9.59	632.3	9.14										
37.3	26.45	237.5	13.07	437.6	9.52	637.4	9.14										
42.5	26.44	242.4	12.91	442.6	9.49	642.6	9.15										
47.4	26.43	247.4	12.81	447.4	9.44	647.4	9.15										
52.3	26.53	252.4	12.80	452.5	9.42	652.3	9.15										
57.5	26.39	257.4	12.82	457.5	9.39	657.4	9.15										
62.7	25.97	262.3	12.67	462.3	9.34	662.6	9.15										
67.5	25.58	267.3	12.47	467.4	9.31	667.4	9.15										
72.4	25.12	272.3	12.35	472.4	9.31	672.3	9.15										
77.7	24.72	277.3	12.23	477.5	9.17	677.5	9.16										
82.5	24.33	282.3	1.2.12	482.6	9.11	682.6	9.16										
67.4	23.77	287.3	12.00	487.4	9.09	687.5	9.16										
92.3	23.27	292.6	11.92	4'?2.5	9.09	692.3	9.16										
97.3	22.81	297.6	11.82	497.5	9.09	697.5	9.16										
102.5	22.53	302.6	11.67	502.3	9.09	702.7	9.16										
107.4	22.34	307.6	11.57	507.4	9.09	707.5	9.16										
112.3	22.14	312.3	11.49	512.5	9.09	712.4	9.16										
117.5	21.90	317.3	11.38	517.3	9.09	717.2	9.16										
122.4	21.44	322.3	11.30	522.4	9.09	722.5	9.16										
127.4	20.77	327.3	11.20	527.5	9.09	727.7	9.16										
152.6	19.80	332.3	11.11	532.3	9.09	732.5	9.16										
137.5	19.15	337.4	11.02	537.4	9.10	737.4	9.16										
142.4	113.76	342.4	10.91	542.5	9.10	,742.2	9.16										
147.4	18.22	347.4	10.80	547.3	9.10	747.5	9.16										
152.3	17.56	352.4	10.74	552.4	9.10	752.7	9.16										
157.6	17.13	357.5	10.67	557.5	9.10	757.5	9.16										
162.5	16.88	362.5	10.63	562.3	9.11	762.4	9.16										
167.4	16.45	367.5	10.57	567.4	9.12	767.3	?.16										
172.4	15.94	372.6	10.52	572.6	9.12	772.2	9.16										
177.3	15.52	377.6	10.45	577.4	9.12	777.4	9.16										
182.6	15.18	382.6	10.36	582.5	9.12	782.6	9.16										
187.5	14.90	387.3	10.30	587.6	9.12	787.5	9.16										
192.5	14.50	392.4	10.24	592.4	9.13	792.4	9.16										
197.4	14.18	397.4	10.19	597.2	9.13	797.3	9.16										

5 METER AVERAGED EXPENDABLE BATHYTHERMOGRAPH

PROBE T-7 CRUISE 88G05 STG)TION X88G05*44*1 DATE 22OCT88 GMT 1859 LAT 26 39.1 LON 96 15.4 OPERATOR

z	T	z	T	z	T	z	T	z	T	z	T	z	T	z	T
2.6	26.54	202.4	14.63	402.5	9.96	602.4	7.56	802.2	7.70						
7.5	26.45	207.3	14.46	407.5	9.87	607.5	7.56	807.5	7.71						
12.6	26.40	212.3	14.29	412.3	9.73	612.3	7.56	812.7	7.71						
17.5	26.40	217.6	14.22	417.3	9.70	617.5	7.56	817.6	7.71						
22.4	26.39	222.5	14.10	422.4	9.61	622.6	7.56	822.5	7.72						
27.5	26.38	227.5	13.93	427.5	9.51	627.5	7.56								
32.4	26.38	232.5	13.79	432.5	9.43	632.3	7.56								
37.3	26.38	237.5	13.65	437.6	9.36	637.4	7.57								
42.5	26.38	242.4	13.55	442.6	9.29	642.6	7.57								
47.4	26.38	247.4	13.45	447.4	9.15	647.4	7.57								
52.3	26.38	252.4	13.34	452.5	9.06	652.3	7.5s								
57.5	26.'26	257.4	13.14	457.5	8.97	657.4	7.58								
62.7	25.74	262.3	12.93	462.3	8.93	662.6	7.58								
67.5	25.25	267.3	12.74	467.4	8.81	667.4	7.59								
72.4	24.72	272.3	12.64	472.4	8.74	672.3	7.59								
77.7	24.40	277.3	12.48	477.5	8.70	677.5	7.60								
82.5	23.76	282.3	12.33	482.6	8.65	682.6	7.60								
87.4	23.15	287.3	12.27	487.4	8.63	687.5	7.60								
92.3	22.62	292.6	12.19	492.5	8.61	692.3	7.61								
97.3	22.08	297.6	12.09	497.5	8.59	697.5	7.62								
102.5	21.62	302.6	11.93	502.3	8.55	702.7	7.62								
107.4	21.10	307.6	11.83	507.4	8.52	707.5	7.63								
112.3	20.72	312.3	11.69	512.5	8.47	712.4	7.63								
117.5	20.30	317.3	11.46	517.3	8.45	717.2	7.64								
122.4	19.69	322.3	11.32	522.4	8.39	722.5	7.64								
127.4	19.07	327.3	11.28	527.5	8.34	727.7	7.65								
132.6	13.36	332.3	11.19	532.3	8.28	732.5	7.65								
137.5	17.92	337.4	11.11	537.4	8.24	737.4	7.66								
142.4	17.54	342.4	11.05	542.5	8.09	742.2	7.66								
147.4	16.99	347.4	10.94	547.3	8.00	747.5	7.66								
152.5	16.59	3%2.4	10.87	552.4	8.00	752.7	7.67								
157.6	16.35	357,5	10.79	557.5	7.98	757.5	7.67								
162.5	16.21	362.5	10.75	562.3	7.96	762.4	7.68								
167.4	15.98	367.5	10.59	567.4	7.95	767.3	7.68								
172.4	15.88	372.6	10.48	572.6	7.94	772.2	7.69								
177.3	15.69	377.6	10.37	577.4	7.94	777.4	7.69								
182.6	15.51	382.6	10.30	582.5	7.93	782.6	7.69								
187.5	15.35	387.3	10.20	587.6	7.84	787.5	7.69								
192.5	14.99	392.4	10.14	592.4	7.59	792.4	7.70								
197.4	14.82	397.4	10.07	597.2	7.57	797.3	7.70								

5 METER AVERAGED EXPENDABLE BATHYTHERMOGRAPH

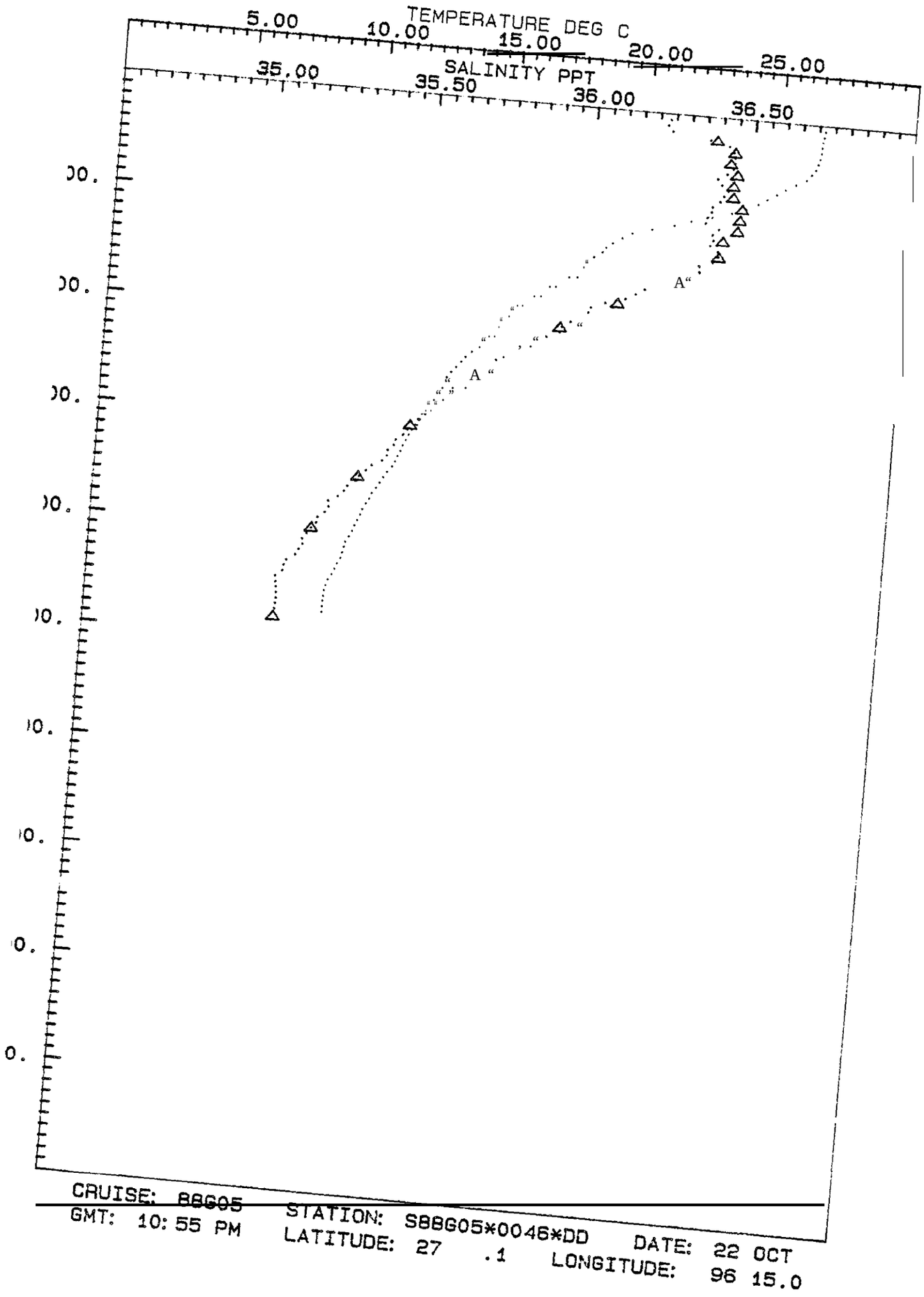
PROBE T-7 CRUISE 88G05 STATION X88G05*45*1 DATE 22OCT88 GMT 2000 LAT 26 51.9 LON 96 15.0 OPERATOR

z	T	z	T	z	T	z	T	z	T	z	T	z	T	z	1
2.6	26.70	202.4	14.23	402.5	9.73	602.4	7.63	802.2	7.72						
7.5	26.66	207.3	14.08	407.5	9.67	607.5	7.63	807.5	7.72						
12.6	26.61	212.3	13.91	412.3	9.59	612.3	7.63	812.7	7.72						
17.5	26.60	217.6	13.71	417.3	9.54	617.5	7.63	817.6	7.72						
22.4	26.61	222.5	13.53	422.4	9.48	622.6	7.64	822.5	7.73						
27.5	26.60	227.5	13.39	42,7.5	9.32	627.5	7.64								
32.4	26.63	232.5	13.23	432.5	9.26	632.3	7.64								
37.3	26.57	237.5	13.03	437.6	9.21	637.4	7.65								
42.5	26.48	242.4	12.93	442.6	9.15	642.6	7.66								
47.4	26.42	247.4	12.81	447.4	9.07	647.4	7.65								
52.3	26.39	252.4	12.71	452.5	8.96	652.3	7.66								
57.5	26.38	257.4	12.62	457.5	8.89	657.4	7.66								
62.7	26.36	262.3	12.54	462.3	8.86	662.6	7.66								
67.5	26.21	267.3	12.34	467.4	8.80	667.4	7.66								
72.4	25.61	272.3	12.20	47'2.4	8.75	672.3	7.67								
77.7	2.4.83	277.3	12.11	477.5	8.65	677.5	7.67								
82.5	24.20	282.3	12.04	482.6	8.58	682.6	7.67								
87.4	23.72	287.3	11.91	487.4	8.48	68.7.5	7.68								
92.3	23.20	292.6	11.76	492.5	8.40	692.3	7.6S								
97.3	21.88	297.6	11.65	497.5	8.33	697.5	7.68								
102.5	20.62	302.6	11.52	502.3	8.29	702.7	7.68								
107.4	19.57	307.6	11.39	507.4	8.22	707.5	7.68								
112.3	19.23	312.3	11.32	512.5	8.07	712.4	7.69								
117.5	18.54	317.3	11.24	517.3	7.99	717.2	7.69								
122.4	17.84	322.3	11.12	522.4	7.97	722.5	7.69								
127.4	17.37	327.3	11.03	527.5	7.92	727.7	7.69								
132.6	16.99	332.3	10.94	532.3	7.82	732.5	7.70								
137.5	16.47	337.4	10.85	537.4	7.7?	737.4	7.70								
1%2.4	16.12	342.4	10.77	542.5	7.76	742.2	7.70								
147.4	15.90	347.4	10.64	54.7.3	7.71	747.5	7.71								
152.3	15.70	352.4	10.55	552.4	7.70	752.7	7.70								
157.6	15.48	357.5	10.51	557.5	7.62	757.5	7.71								
162.5	15.34	362.5	10.45	562.3	7.62	762.4	7.71								
167.4	15.26	367.5	10.31	567.4	7.6?	767.3	7.71								
172.4	15.10	372.6	10.21	572.6	7.62	772.2	7.71								
177.3	14.99'	377.6	10.14	577.4	7.62	777.4	7.72								
182.6	14.83	382.6	10.06	582.5	7.62	782.6	7.72								
187.5	14.65	387.3	10.01	587.6	7.62	787.5	7.72								
192.5	14.40	392.4	9.88	592.4	7.62	792.4	7.71								
197.4	14.29	397.4	9.79	597.2	7.62	797.3	7.72								

STATION S88G05*0046*DD CRUISE 88G05 DATE 22 OCT GMT 10:55 PM LAT 27 .1 LON 96 15.0 DEPTH OFFSET 0 , 0

DEPTH	TEMP	SALT	SIGMA-T	XSM
5.0	26.5'39	36.222	23.768	8.81
10.0	26.568	36.214	23.773	8.81
15.0	26.530	36.229	23.796	8.81
'20.0	26.521	36.350	23.8'30	8.82
'25.0	26.508	36.412	23.941	S.83
30.0	26.467	36.427	23,965	8.84
35.0	26.419	36.432	23.984	8.84
40.0	26.337	36.433	24.011	8.84
45.0	26.195	36.428	24.052	8.83
50.0	26.018	36.410	24.093	8.83
55.0	25.622	36.381	24.196	8.82
60.O	25.249	36.396	24.322	8.85
65.0	24.939	36.418	24.434	8.89
70.0	24.592	36.405	24.529	8.88
75.0	24. ?6'2	36.394	24.621	8.78
80.0	23.813	36 3?2	24.738	8.74
85.0	23.303	36.370	24.886	8.75
90.0	22.578	36.35'7	25.087	8.56
95.0	21.789	36.354	25.308	8.39
100.0	'21 182	36. 397	25,51O	8 45
105 0	20.354	36 .378	25.720	8.46
110.0	19.609	36.382	25.921	8.63
115.0	19.250	36 373	26.008	8.85
120.0	18.904	36.398	26.116	8.95
125.0	18.691	36.400	26.172	8.95
130.0	18.550	36.385	26. 197	8.95
135.0	18.235	"36.34"3	26.244	8 96
140.0	18.036	'36.345	26.295	8.97
145.0	17.894	36.323	26.31"3	8.97
150.0	17.702	36 291	26.3.36	8.96
155.0	17.348	36.228	26 374	8 90
160.0	16.901	36.176	26,442	8.82
165 0	16.642	36.150	26.484	8.86
171]0	16.369	36.119	26.524	8.87
175.0	16.077	36.058	26 .54s	8.87
180 0	15.698	36.015	26.599	8.88
185.0	15.502	36.008	26.638	8.88
190.0	15.343	35.988	26.658	8.87
195.0	15.206	35.952	26.662	8.89
200.0	14.954	35.928	26.698	8.93
205.0	14.858	35.923	26.716	8.93
210.O	14.721	35.884	26.716	8.95
215.0	14.516	35.854	26.738	8.95
220.0	14.376	35.846	26.761	8.95
225.0	14.171	35.798	26.768	8.95
230.0	13.929	35.754	26.786	8.96
235.0	13.702	35.733	26.818	8.96
240.O	13.537	3.5.721	26.842	8.96
245.0	13,372	35.688	26.851	8.96
250.0	13.215	35.665	26,865	8.96
255.0	13.072	35.647'	26.880	8.96
260.0	12.983	35,642	26.895	8.96
265.0	12.886	35.619	26.896	8.96
270.0	12.780	35.602	26.905	8.96
275, 0	12.607	35.564	26.909	8.96
280 0	12,439	35.550	26.932	8.95
.285.0	12.363	35.539	26.938	8.95
290 .0	12.24'3	35.522	26.948	8.94
295.0	12.115	35.50s	26.960	8.95
300.0	12.029	35.498	26.971	8.95
305.0	11.914	35.470	26.971	8.95
310.0	11.806	35.457	26.982	8.95
315.0	11.708	35.435	26,9134	8.95
320.0	11.608	35.431)	26.998	8.95
325, 0	11,5.36	35.412	26.9'38	8.95
3'313,0	11.439	35.411	27.015	8.95
335.0	11.365	35.397	27.019	8.96
'340.0	11.271	35.366	27.011	8.96
345.0	11,104	35.349	27.029	8.96
350.0	10.970	35.329	27.038	8.96
355.0	10.852	35.318	27.051	8.96
360 0	10.728	35.294	27.054	8.96
365 0	10.582	35.285	27.073	8.96
370.u	10.5IJ5	35.267	27.073	8.96
375.0	10.384	35.238	27.072	8.96
380,0	10.277	35.241	27.093	8.96
385 0	10.214	35.231	27, 096	8.96
390.0	10.116	35.209	27.096	8.96
395 0	10.030	35.207	27.109	8.96
400 u	9.962	35.191	27.109	8.96
405.0	9.855	35.179	27.117	8.96
410.0	9 747	35.167	27.125	8.96
415.0	9.698	35.168	27.135	8.96
420 1]	9.655	'35.15s	27.135	8.96
'425.0	9.601	35.148	27.13b	8.96
430.0	9 ,479	35.123	27.136	8.96
435.0	9.403	35.116	27.143	8.97
440.0	9,315	35! 113	27.156	8.96
44'5.0	9.184	35.091	27,160	8.96
450. u	9.118	35.094	27.173	8.96
455.0	9.082	35.096	27.181	8.88
460.0	9.068	35. 098	27.184	8.85
455, 0	9,063	35.099	27.186	8.84
470.0	9.060	35.0'3s	27.186	8.83
475.0	9.058	35.0'37	27.186	8.83

DEPTH	TEMP	SALT	SIGMA-T	XSM


TEMPERATURE DEG C
5.00
10.00
15.00
20.00
25.00
SALINITY PPT
35.00
35.50
36.00
36.50
CRUISE: S88G05
GMT: 10:55 PM
STATION: S88G05*0046*DD
LATITUDE: 27 .1
DATE: 22 OCT
LONGITUDE: 96 15.0

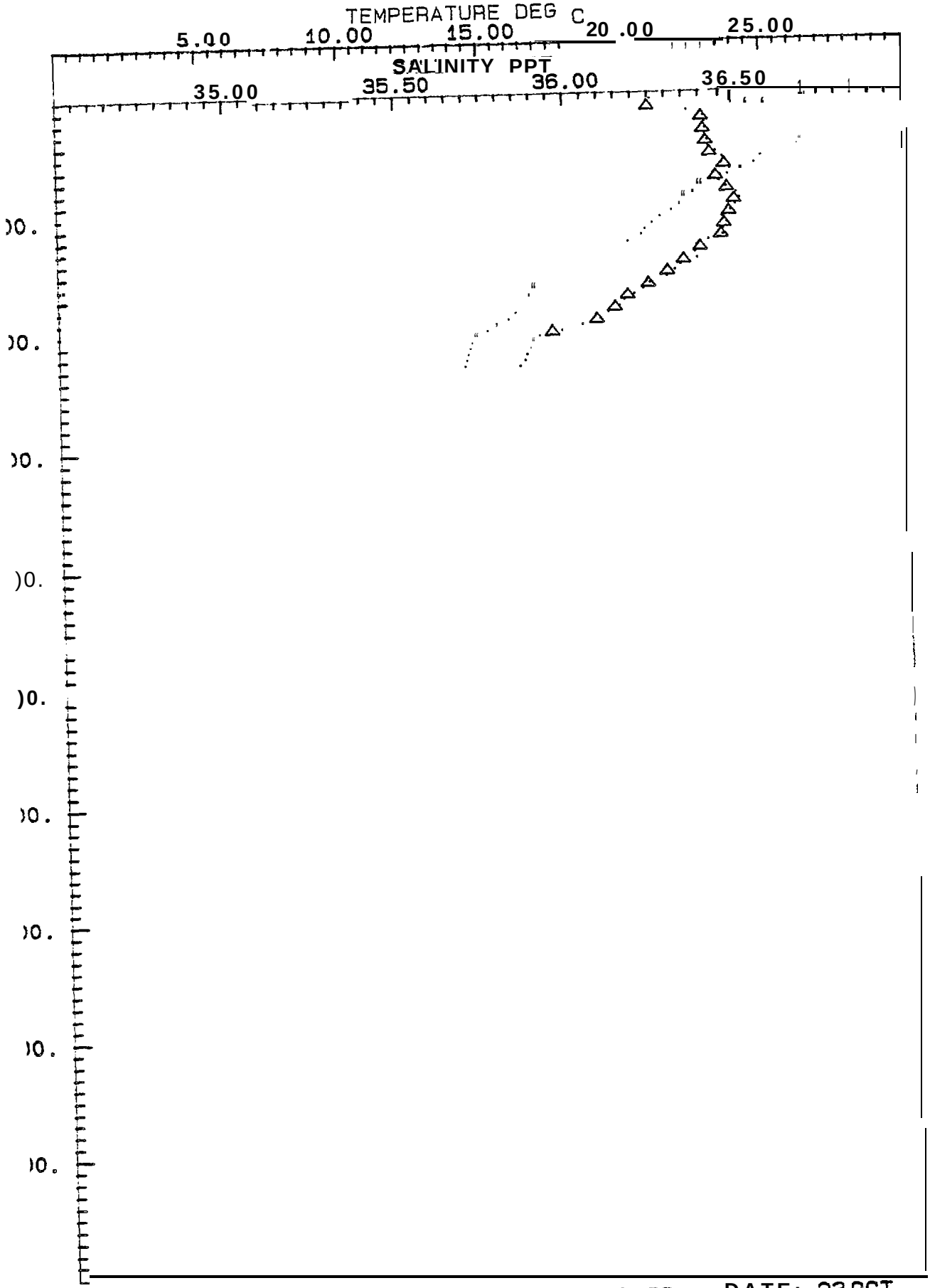
5 METER AVERAGED EXPENDABLE BATHYTHERMOGRAPH

PROBE T-7 CRUISE 88G05 STATION X88G05*46*1 DATE 22OCT88 GMT 2039 LAT 26 59.4 LON 96 14.9 OPERATOR

z	T	z	T	z	T	z	T	z	T	z	T	z	T	z	T
2.6	26.46	202.4	14.63	402.5	9.59	602.4	8.19	802.2	8.33						
7.5	26.45	207.3	14.36	407.5	9.52	607.5	8.20	807.5	8.33						
12.6	26.41	212.3	14.11	412.3	9.40	612.3	8.20	812.7	8.33						
17.5	26.37	217.6	13.77	417.3	9.35	617.5	8.21	817.6	8.33						
22.4	26.35	222.5	13.47	422.4	9.31	622.6	8.21	822.5	8.33						
27.5	26.33	227.5	13.32	427.5	9.27	627.5	8.21								
32.4	26.31	232.5	13.23	432.5	9.20	632.3	8.22								
37.3	26.28	237.5	13.14	437.6	9.06	637.4	8.22								
42.5	26.21	242.4	13.05	442.6	9.04	642.6	8.24								
47.4	26.06	247.4	12.92	447.4	9.02	647.4	8.23								
52.3	25.91	252.4	12.81	452.5	8.95	652.3	8.24								
57.5	25.42	257.4	12.71	457.5	8.91	657.4	a.25								
62.7	25.01	262.3	12.56	462.3	8.88	662.6	8.25								
67.5	24.62	267.3	12.40	467.4	8.82	667.4	8.25								
72.4	24.25	272.3	12.28	472.4	8.76	672.3	8.25								
77.7	23.92	277.3	12.18	477.5	8.67	677.5	8.26								
S2.5	23.50	282.3	12.09	482.6	8.60	682.6	8.26								
87.4	22.64	287.3	12.02	487.4	8.54	687.5	8.27								
92.3	21.91	292.6	11.90	492.5	8.53	692.3	8.27								
97.3	21.30	297.6	11.72	497.5	8.52	697.5	8.28								
102.5	20.31	302.6	11.64	502.3	a.52	702.7	8.28								
107.4	19.61	307.6	11.51	507.4	8.51	707.5	8.28								
112.3	19.02	312.3	11.39	512.5	8.51	?1"2.4	8.28								
117.5	18.54	317.3	11.29	517.3	8.51	717.2	8.29								
122.4	18.17	322.3	11.21	522.4	8.50	722.5	8.29								
127.4	18.05	327.3	11.16	527.5	8.50	727.7	8.29								
132.6	17.94	332.3	11.01	532.3	8.48	732.5	8.30								
137.5	17.71	337.4	10.92	537.4	8.22	737.4	8.31								
142.4	17.44	342.4	10.84	542.5	8.19	742.2	8.30								
147.4	17.08	347.4	10.73	547.3	8.19	747.5	8.31								
152.3	16.59	352.4	10.58	552.4	8.18	752.7	8.31								
157.6	16.25	357.5	10.52	557.5	8.18	7'57.5	8.31								
162.5	15.86	362.5	10.41	562.3	8.18	762.4	8.31								
167.4	15.49	367.5	10.31	567.4	8.113	767.3	8.31								
172.4	15.32	372.6	10.20	572.6	8.18	772.2	8.32								
177.3	15.19	377.6	10.11	577.4	8.18	777.4	8.32								
182.6	15.06	382.6	9.97	582.5	8.18	782.6	8.32								
187.5	14.94	387.3	9.88	587.6	8.18	787.5	a.32								
192.5	14.89	392.4	9.79	592.4	8.19	792.4	0.33								
197.4	14.77	397.4	9.66	597.2	8.19	797.3	8.33								

STATION S88G05*0047*DD CRUISE 88G05 DATE 23 OCT GMT 4:58 AM LAT 27 5 6 LON 96 15.0 DEPTH OFFSET 0 0

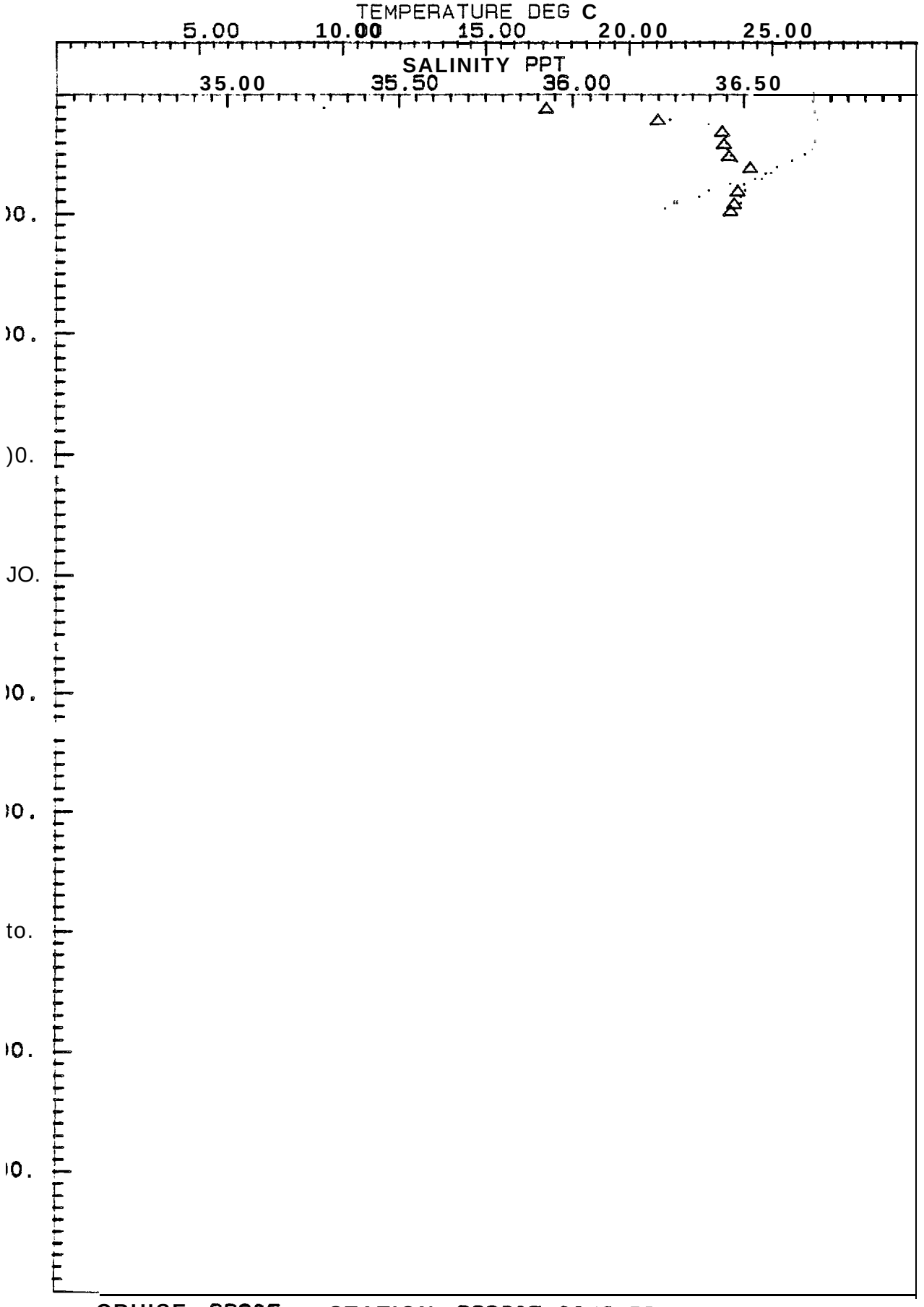
DEPTH	TEMP	SALT	SIGMA-T	XSM	DEPTH	TEMP	SALT	SIGMA-T	XSM	DEPTH	TEMP	SALT	SIGMA-T	XSM
5.0	26.606	36.249	23.787	8.77										
10.0	26.611	36.251	23.787	8.78										
15.0	26.671	36.357	23.848	8.83										
20.0	26.647	36.407	23.893	8.86										
25.0	26.625	36.408	23.901	8.86										
30.0	26.570	36.411	23.920	8.85										
35.0	26.517	36.410	23.937	8.84										
40.0	26.403	36.416	23.978	8.82										
45.0	26.264	36.418	24.022	8.82										
50.0	25.718	36.439	24.210	8.81										
55.0	24.951	36.460	24.462	8.88										
60.0	24.734	36.456	24.526	8.89										
65.0	24.300	36.481	24.675	8.90										
70.0	23.776	36.451	24.809	8.90										
75.0	23.458	36.450	24.902	8.88										
80.0	22.918	36.469	25.074	8.90										
85.0	22.525	36.497	25.208	8.93										
90.0	22.297	36.507	25.281	8.94										
95.0	22.077	36.495	25.334	8.94										
100.0	21.770	36.480	25.409	8.94										
105.0	21.384	36.455	25.498	8.94										
110.0	21.074	36.470	25.595	8.95										
115.0	20.822	36.457	25.654	8.95										
120.0	20.694	36.458	25.689	8.94										
125.0	20.231	36.414	25.781	8.85										
130.0	19.543	36.378	25.935	8.69										
135.0	18.946	36.375	26.087	8.72										
140.0	18.514	36.381	26.202	8.80										
145.0	18.118	36.330	26.263	8.86										
150.0	17.883	36.313	26.308	8.86										
155.0	17.623	36.290	26.355	8.89										
160.0	17.231	36.239	26.411	8.94										
165.0	16.926	36.221	26.470	8.97										
170.0	16.679	36.192	26.507	8.97										
175.0	16.421	36.162	26.545	8.97										
180.0	16.346	36.149	26.552	8.97										
185.0	16.190	36.117	26.564	8.97										
190.0	15.959	36.090	26.597	8.97										
195.0	15.553	36.039	26.650	8.97										
200.0	15.185	35.978	26.686	8.96										
205.0	14.812	35.909	26.716	8.93										
210.0	14.627	35.893	26.744	8.92										
215.0	14.566	35.885	26.750	8.92										
220.0	14.485	35.871	26.758	8.91										
225.0	14.427	35.866	26.766	8.91										
230.0	14.367	35.851	26.768	8.88										



CRUISE: 88G05 STATION: S88G05*0047*DD DATE: 23 OCT
GMT: 4: 58 AM LATITUDE: 27 15.6 LONGITUDE: 96 15.0

STWI'1ON S88G05*0048*DD CRUISE 88G05 DATE 23 OCT GMT 12:10 PM LAT 27 21.7 LON 96 26.6 DEPTH OFFSET 0.0

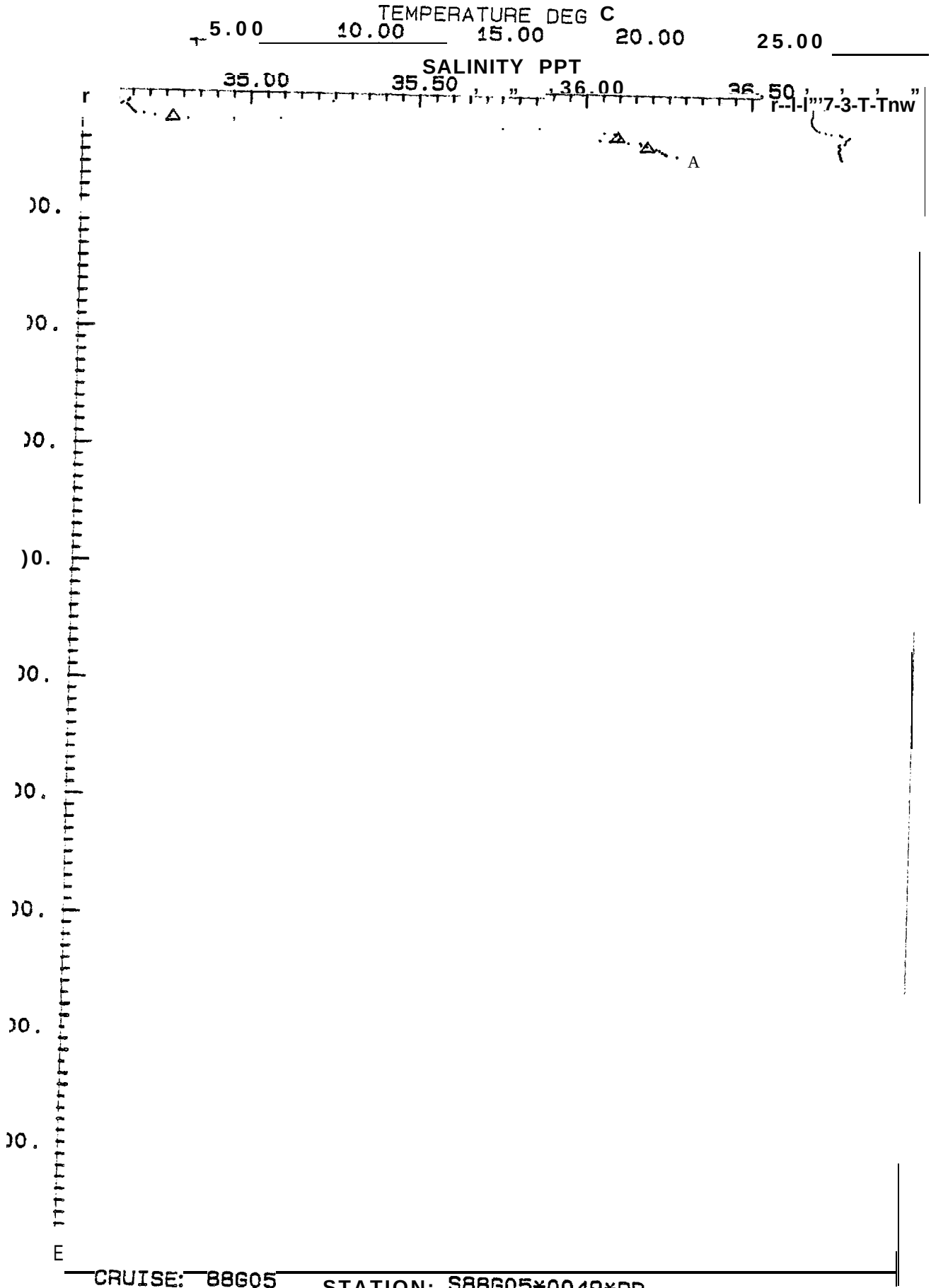
DEPTH	TEMP	SALT	SIGMA-T	XSM	DEPTH	TEMP	SALT	SIGMA-T	XSM	DEPTH	TEMP	SALT	SIGMA-T	XSM
5.0	26.359	35.341	23.180	8.82										
10.0	26.505	35.271	23. 081	8.86										
15.0	26.423	35.705	23.434	8.86										
20.0	26.536	36.273	23.828	8.86										
25.0	26.59'3	36.392	23.897	8.86										
31),0	26.585	36.436	23.934	8.88										
35.0	26.528	36 437	23.954	8 88										
40.0	26.472	36.439	23.973	8.89										
45.0	26.356	36.441	24.011	8.89										
50.0	26.066	36.451	24.110	8.88										
55.0	25.643	36.467	24.254	8.87										
60.0	25.104	36.496	24.443	8.87										
65.0	24.909	36.552	24.545	8.88										
70.0	24.603	36.520	24.613	8.86										
75.0	23.484	36.487	24.922	8.86										
80.0	22.727	36,4911	25.145	8.87										
85.0	22.423	36.477	25.222	8.88										
90.0	21.681	36.478	25.433	8.89										
95.0	21.204	36.460	25.551	8.81										



CRUISE: 88G05 STATION: S88G05*0048*DD DATE: 23 OCT
GMT: 12: 10 PM LATITUDE: 27 21.7 LONGITUDE: 96 26.6

STATION S88G05*0049*DD CRUISE 88G05 DATE 23 OCT GMT 2:30 PM LAT 27 30.5 LON 96 4 3.3 DEPTH OFFSET 0.0

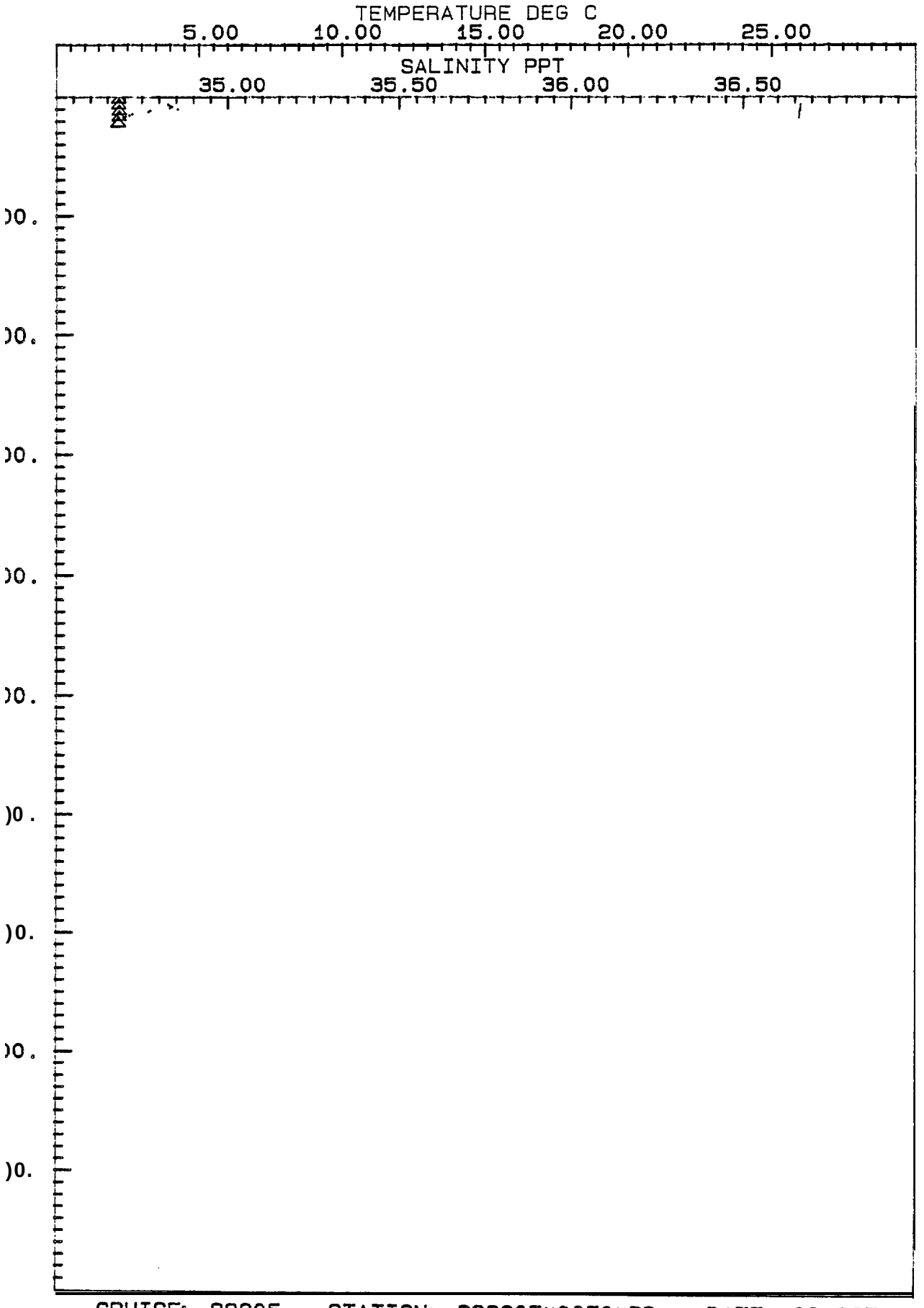
DEPTH	TEMP	SALT	SIGMA-T	XSM	DEPTH	TEMP	SALT	SIGMA-T	XSM	DEPTH	TEMP	·ALT	SIGMA-T	XSM
1.7	26.022	5.269	.736	8.75										
6.o	26.019	35.233	23.205	8.81										
7.0	26.018	34.631	22.751	8.80										
8.0	26.018	34.629	22.750	8.80										
9.0	26.016	34.624	22.747	8.80										
10.0	26.014	34.611	22.737	8.81										
11.0	26.014	34.606	22.734	8.81										
12.0	25.335	34.6?4	22.756	8.81										
13.0	25.978	34.629	22.762	8.82										
14.0	25.974	34,6'32	22.766	8.81										
15.0	25.978	34.636	22.767	8.82										
16.0	25.982	34.640	22.76'3	8.82										
17.U	25.988	34.644	2'2.770	8.82										
18.0	25.997	34.648	22.771	8.81										
15.0	26.033	34.674	22.779	8.81										
20.0	26.069	34.706	22.792	8.82										
21.0	26.107	34.750	22.813	8.82										
22.o	26.154	34.803	22.839	13.83										
23.0	26,243	34.879	22.868	8.82										
24.0	26.460	35.084	22.955	8.82										
25.0	26,657	35.409	2"3.1'37	8.82										
26.0	26.982	35.739	23.282	8.80										
27.0	27.059	35.850	23.341	8.85										
28.0	27.313	36.042	23.4(J5	8.85										
29.0	27.274	36.072	23.440	8.86										
30.0	27.194	36.088	23.478	8.86										
31.0	27.185	36.091	23.483	8.85										
32.0	27.170	36.087	23.484	8.85										
33.0	27.149	36.084	23.489	8.85										
34.0	26.979	36,030	23.503	8.86										
35 0	26.936	36.060	23.539	8.85										
36 0	26.958	36.113	23.572	8.84										
37 0	26.995	36.148	23.587	8.83										
38.0	26.988	36.150	23.590	8.83										
39.U	26.964	36.151	23.599	8.84										
40.0	'26.'347	36.168	23.617	8.84										
41.0	26.959	36.182	23.624	8.84										
42.1]	26.981	36.196	23.627	8.84										
43.0	26.396	36.204	23.629	8.83										
44.0	27.1110	36.214	23.631	8.83										
45.0	27.013	36.222	23.636	8.83										
46.0	27.021	36.227	23.638	8.83										
47.0	27.049	36.257	23.651	8.82										



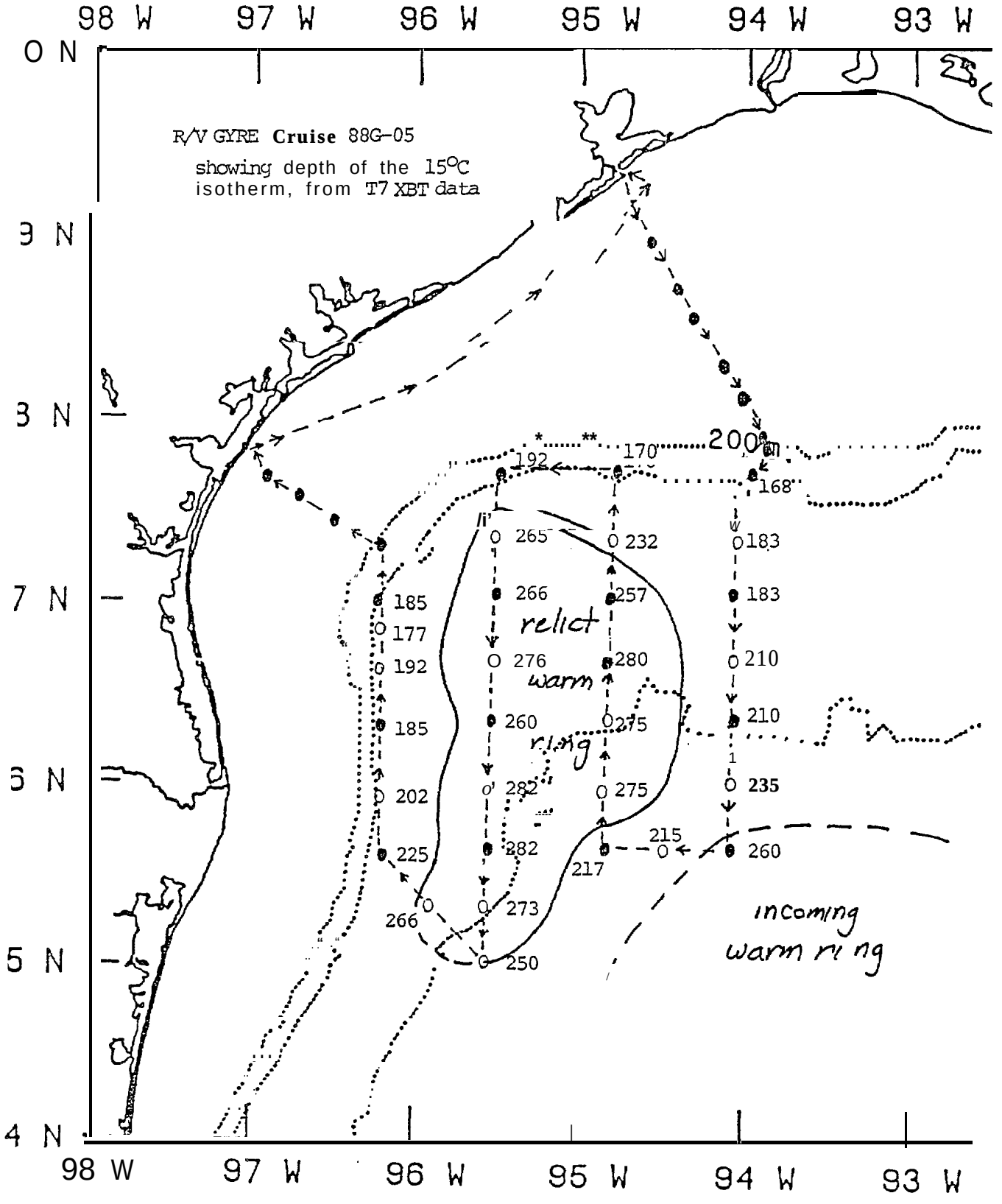
CRUISE: 88G05
GMT: 2: 30 PM
STATION: S88G05*0049*DD
LATITUDE: 27 30.5
DATE 23 OCT
LONGITUDE: 96 43.3

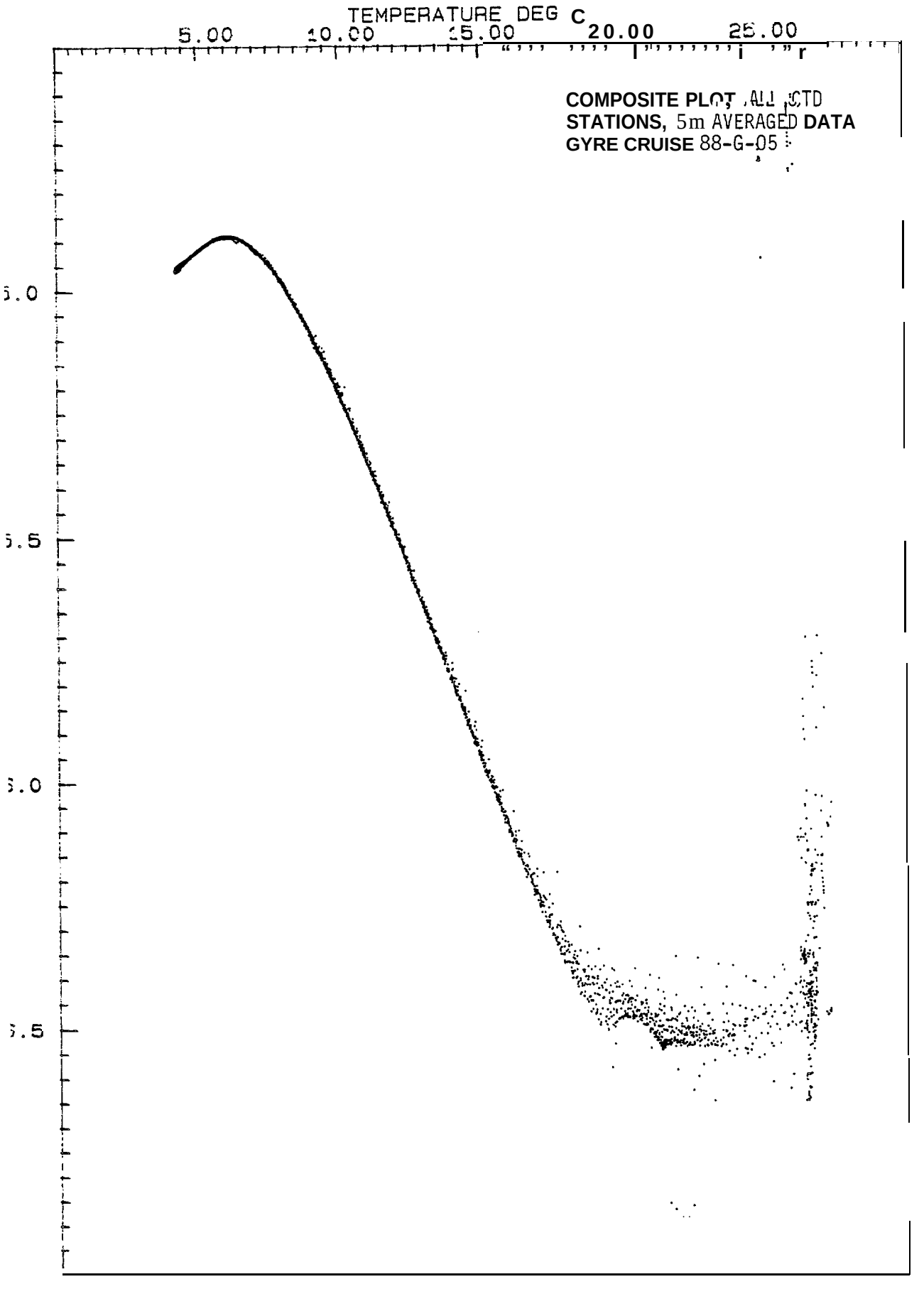
STATION S88G05*0050*DD CRUISE 88G05 DATE 23 OCT GMT 7:39 PM LAT 2? 39.3 LON 97 2>0 DEPTH OFFSET 0.0

DEPTH	TEMP	SALT	SIGMA-T	XSM	DEPTH	TEMP	SALT	SIGMA-T	XSM	DEPTH	TEMP	SALT	SIGMA-T	XSM
6.0	25.998	34.816	22.897	7.75										
7,1]	25.991	34.920	22,902	7.75										
8.0	25.989	34.827	22.908	7.73										
9.0	25.986	34.821	22,904	7,73										
10,U	25.968	34.844	22.928	7.73										
11.0	25,'365	34.764	22.868	7.72										
12.0	25.961	34.759	22.865	7,72										
14.0	25.949	34.711	22.834	7.69										
15.0	25.946	34.703	22.828	7.68										
16.0	25.943	34.692	22.821	7.69										
17.0	25.940	34.685	22,817	7.69										



CRUISE: 88G05 STATION: S88G05*0050*DD DATE: 23 OCT
GMT: 7:39 PM LATITUDE: 27 39.3 LONGITUDE: 97 2.0


98 W
97 W
96 W
95 W
94 W
93 W
0 N
9 N
8 N
7 N
6 N
5 N
4 N
R/V GYRE Cruise 88G-05
showing depth of the 15°C
isotherm, from T7 XBT data
200m
192
170
168
265
232
183
266
257
183
185
177
192
276
280
210
260
275
210
185
202
282
275
235
225
282
217
215
260
266
273
250
relict
warm
ring
incoming
warm ring


TEMPERATURE DEG C
5.00
10.00
15.00
20.00
25.00
COMPOSITE PLOT ALL CTD
STATIONS, 5m AVERAGED DATA
GYRE CRUISE 88-G-05
5.0
5.5
6.0
6.5

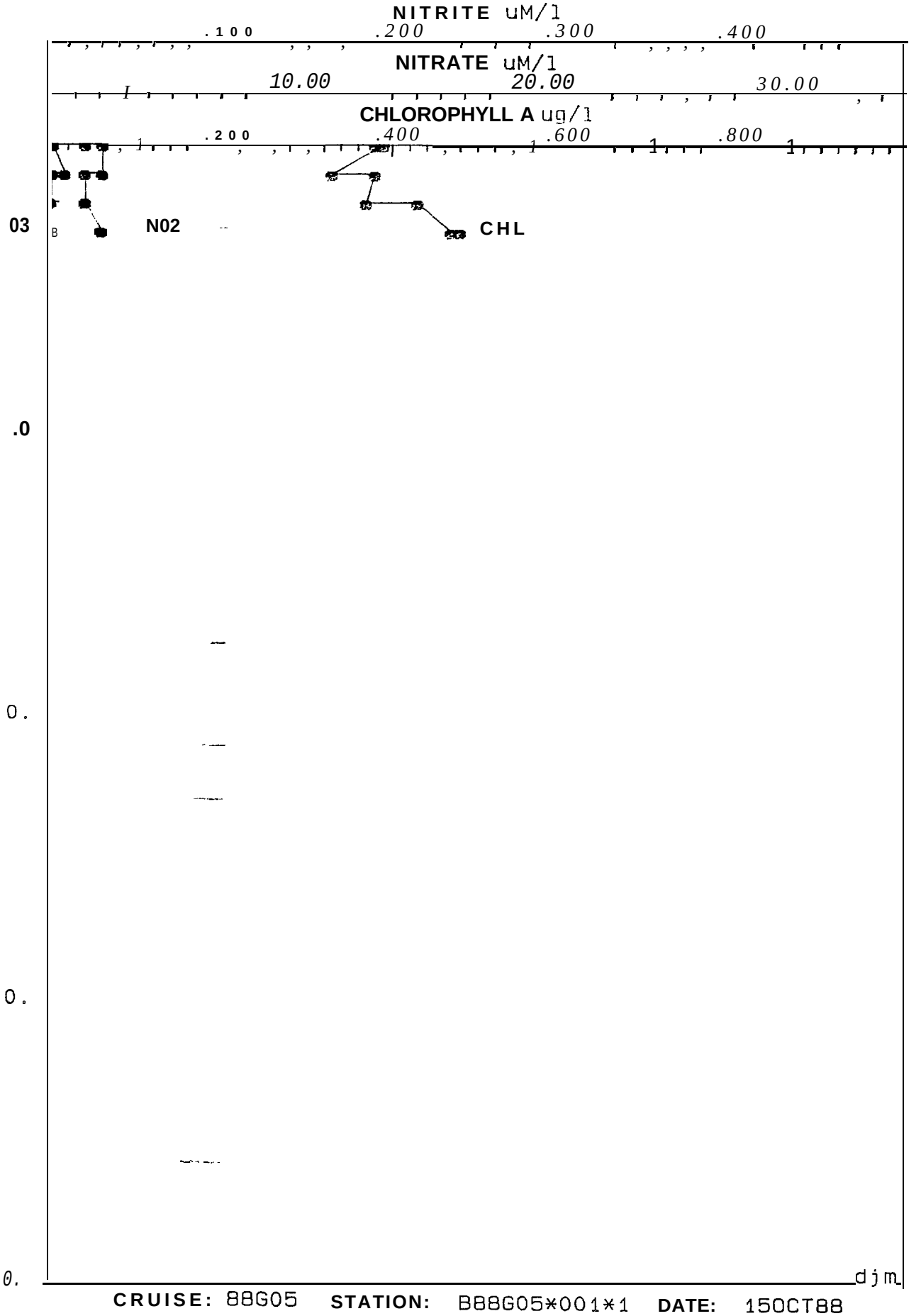
BOTTLE DATA

The following tables and plots summarize chlorophyll, dissolved oxygen, and nutrient analyses run at sea on samples collected by rosette multisampler. In the tables, T = CTD temp; S = bottle salinity; and DO = dissolved oxygen (ml/liter). Concentrations of nutrients are reported as µmoles/liter, where N03 = nitrate; N02 = nitrite; NH4 = ammonium; SiOH4 = silicate; and P04 = phosphate. Concentrations of chlorophyll (CHL) and total phaeopigments (PHAEO) are reported as ug/liter.

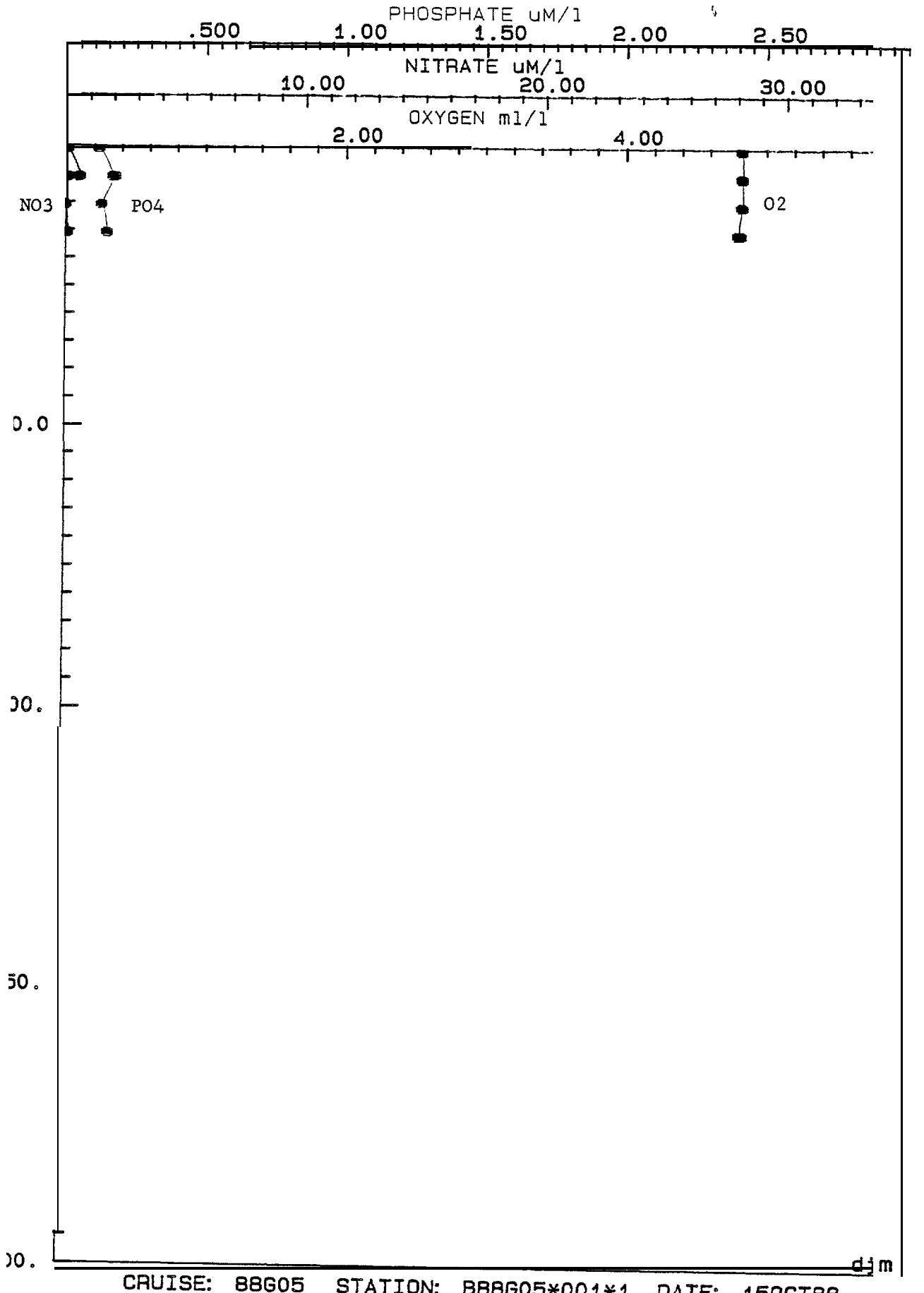
A summary map of chlorophyll (mg/m2) integrated from surface to 100m is included, as are cumulative property-property plots for all CTD stations illustrating nitrate-temperature, phosphate-temperature, and silicate-temperature relationships.

GMT 0841 15 Oct 88 28 53.7 94.19 7 B88G05 Station 1

DEPTH	T	S	DO	NO_3	NO_2	NH_4	UREA	$SiOH_4$	PO_4	CHL	PHAEO
0	24.98	34.696	4.83	0.1	0.02	<0.1	0.1	6.0	0.15	0.38	0.10
0	24.98	34.697	4.83	0.1	0.03	<0.1	<0.1	6.1	0.15	0.39	0.10
5	24.96	34.699	4.83	0.6	0.03	<0.1	<0.1	5.9	0.13	0.33	0.13
5	24.96	34.703	4.83	0.1	0.02	0.1	0.3	6.1	0.13	0.38	0.11
10	24.92	34.693	4.83	<0.1	0.02	<0.1	<0.1	6.0	0.18	0.37	0.10
10	24.92	34.693	4.83	<0.1	0.02	<0.1	<0.1	5.8	0.17	0.43	0.10
15	24.91	34.704	4.80	0.1	0.03	<0.1	0.1	5.8	0.12	0.47	0.17
15	24.91	34.703	4.82	0.1	0.03	<0.1	0.3	5.9	0.12	0.48	0.12
										$\sum_{i=0}^{15m} CHL = 5.9$	



CRUISE: 88G05 STATION: B88G05*001*1 DATE: 15OCT88
LATITUDE: 28 53.7 LONGITUDE: 94 19.7

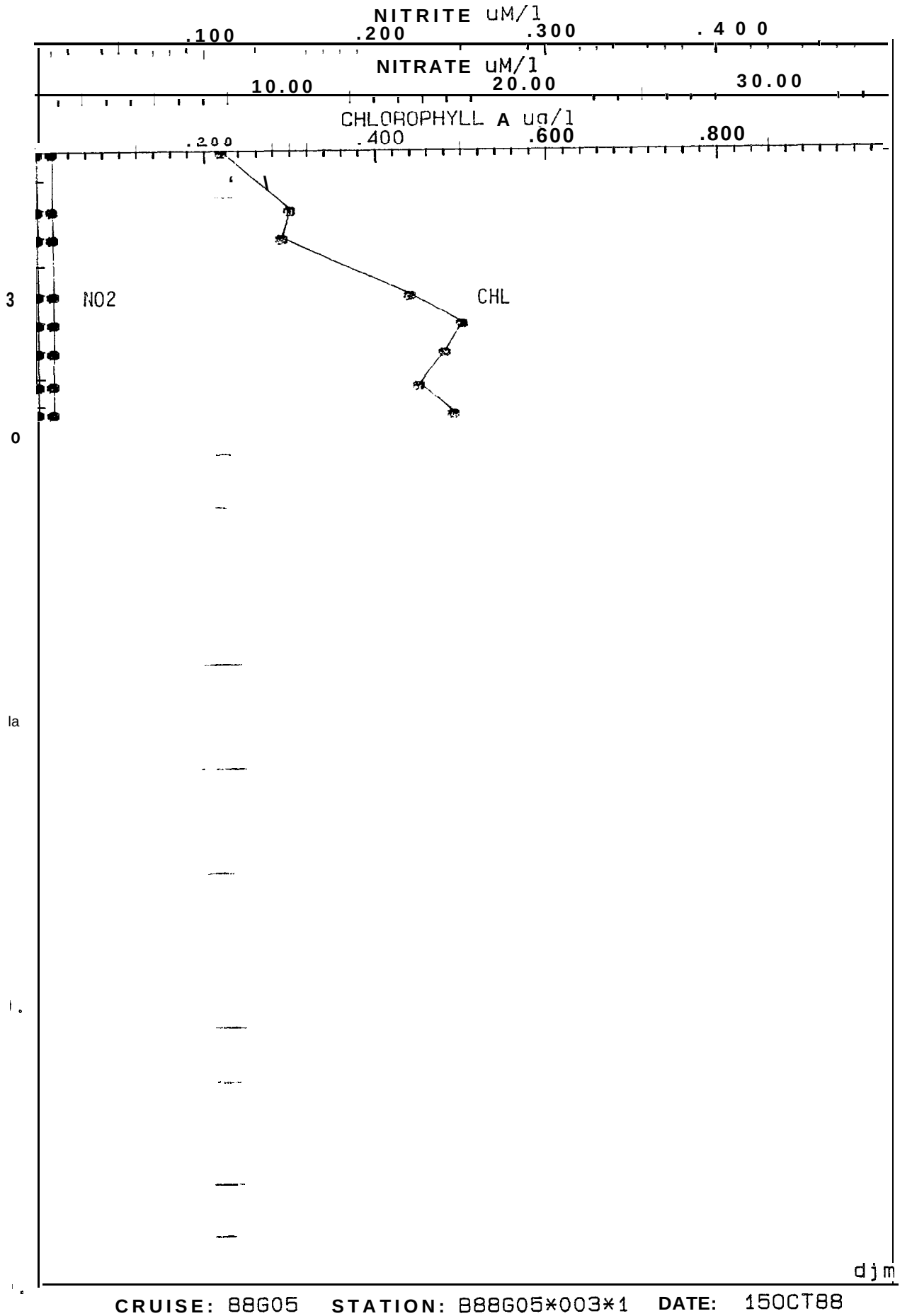


CRUISE: 88G05 STATION: B88G05*001*1 DATE: 15OCT88
LATITUDE: 28 53.7 LONGITUDE: 94 19.7

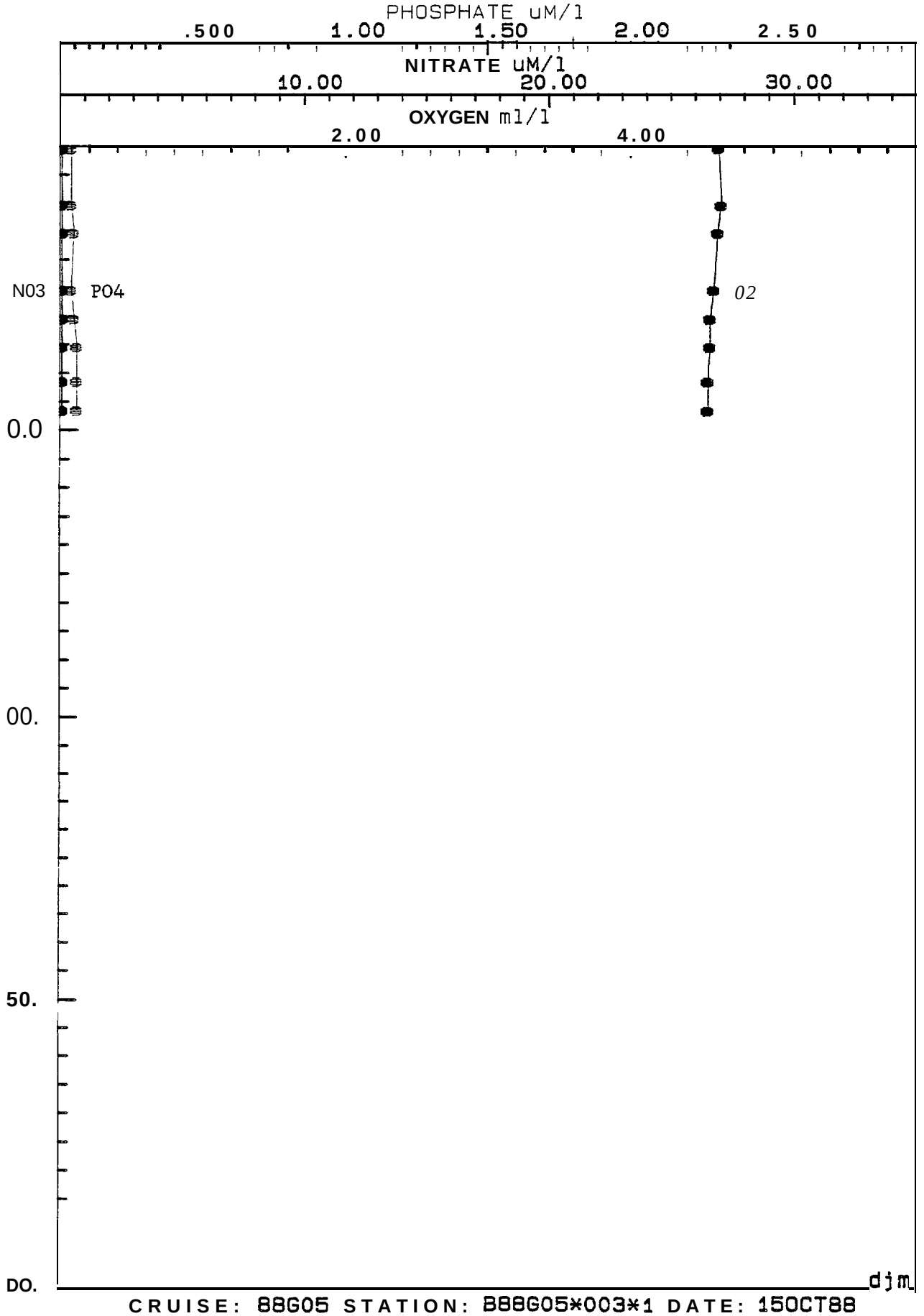
GMT 2340 15 Oct 88 28 22.9 93 56.2 B88G05 station 3

DEPTH	T	S	DO	NO_3	NO_2	NH_4	UREA	$SiOH_4$	PO_4	CHL	PHAEO
0	26.42	36.361	4.62	0.1	0.01	<0.1	0.4	2.5	0.04	0.22	0.10
10	26.39	36.351	4.64	0.1	0.01	<0.1	0.4	2.4	0.04	0.30	0.17
15	26.33	36.359	4.61	0.1	0.01	<0.1	0.5	2.5	0.05	0.29	0.18
25	26.32	36.359	4.59	0.1	0.01	<0.1	0.0	2.3	0.04	0.44	0.20
30	26.29	36.357	4.56	0.1	0.01	<0.1	0.8	2.4	0.05	0.501	0.29
35	26.28	36.357	4.56	0.1	0.01	<0.1	0.6	2.6	0.06	0.48	0.25
41	26.28	36.358	4.55	0.1	0.01	<0.1	0.8	2.6	0.06	0.45	0.27
46	26.28	36.354	4.55	0.1	0.01	<0.1	1.5	2.6	0.06	0.49	0.28

$\sum_{i=0}^{46m} CHL = 17.7$



CRUISE: 88G05 STATION: 888G05*003*1 DATE: 15OCT88
LATITUDE: 28 22.9 LONGITUDE: 93 56.2



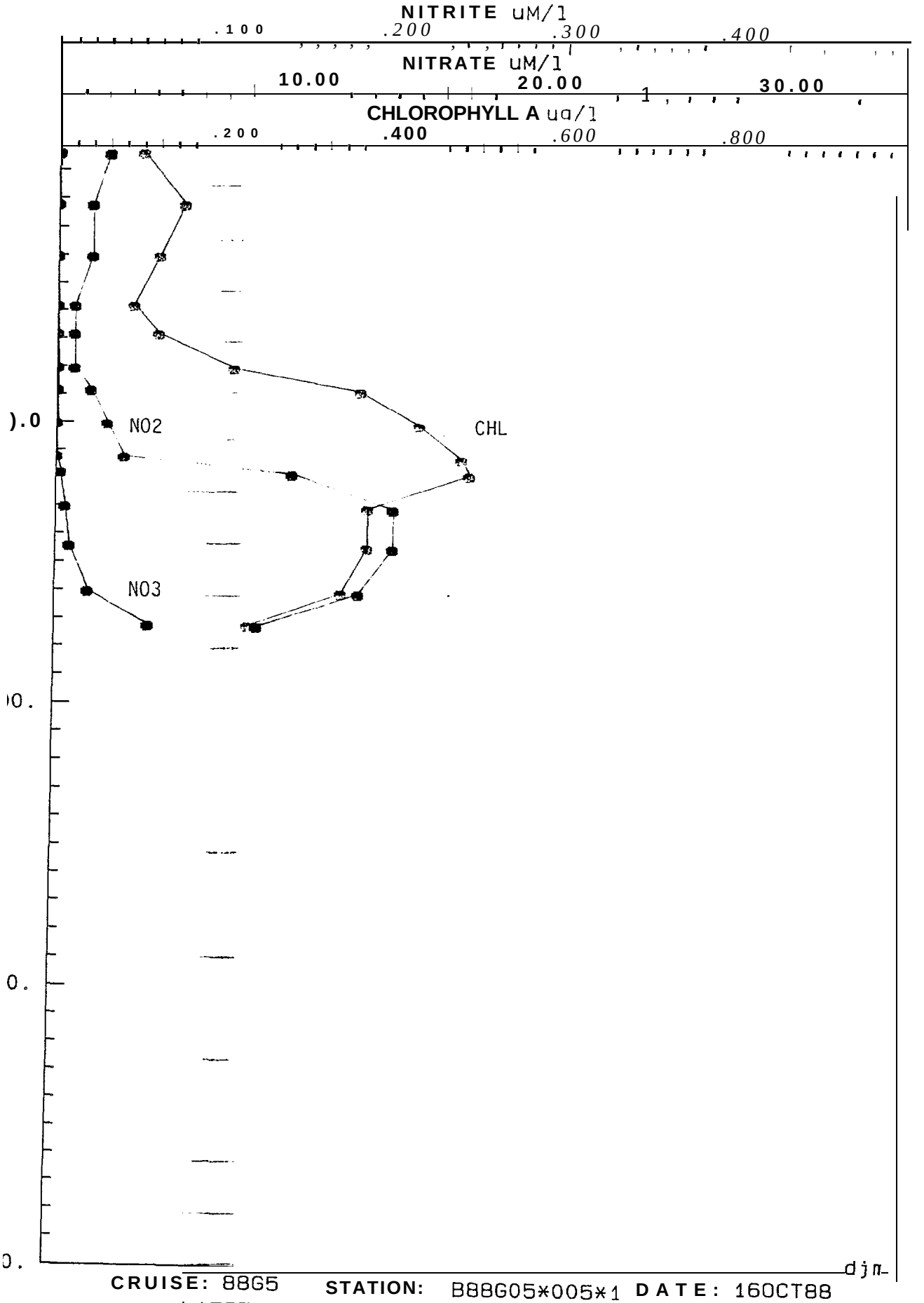
CRUISE: 88G05 STATION: B88G05*003*1 DATE: 15OCT88

LATITUDE: 28 22.9 LONGITUDE: 93 56.2

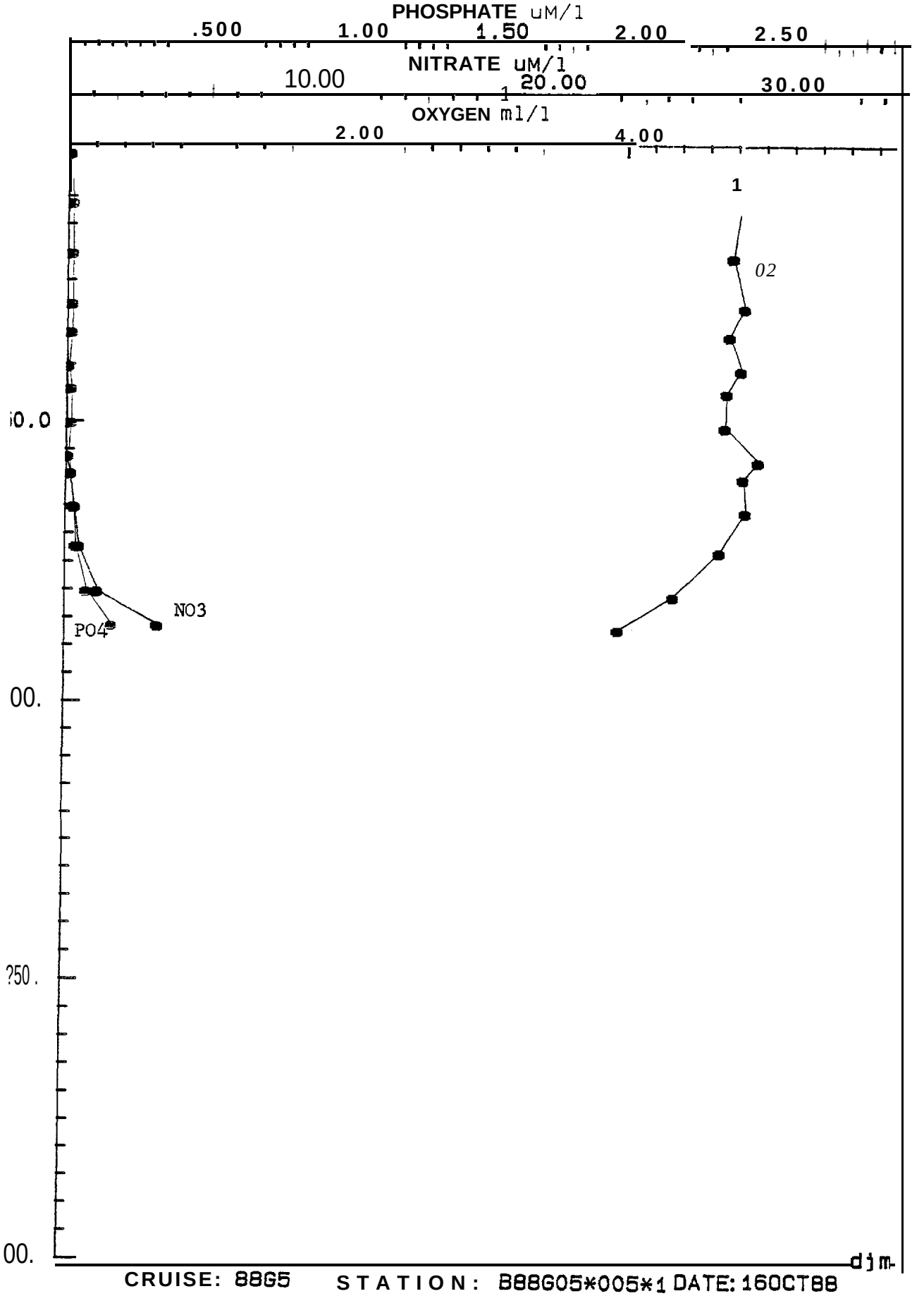
GMT 0545
16 Oct 88 27 59.9 93 36.6 B88G05 Station 5

E.

DEPTH	T	S	DO	NO_3	NO_2	NH_4	UREA	$SiOH_4$	PO_4	CHL	PHAEO
2	26.49	36.144	4.79	<0.1	0.03	0.4	0.4	2.6	0.01	0.10	0.09
11	26.49	36.145	4.82	<0.1	0.02	<0.1	0.2	2.2	0.02	0.15	0.10
20	26.49	36.145	4.76	<0.1	0.02	<0.1	0.2	2.2	0.02	0.12	0.09
29	26.24	36.107	4.85	<0.1	0.01	<0.1	0.1	2.2	0.02	0.09	0.07
34	26.27	36.227	4.74	<0.1	0.01	<0.1	<0.1	2.0	0.02	0.12	0.11
40	26.49	36.402	4.83	0.1	0.01	<0.1	<0.1	1.9	0.01	0.21	0.07
44	26.48	36.453	4.73	0.1	0.02	<0.1	0.2	2.4	0.02	0.36	0.37
50	26.04	36.453	4.71	<0.1	0.03	<0.1	0.3	2.4	0.02	0.43	0.38
56	24.06	36.492	5.00	<0.1	0.04	<0.1	0.4	1.9	0.01	0.48	0.36
59	22.68	36.488	4.85	0.2	0.14	<0.1	0.5	1.6	0.02	0.49	0.32
65	22.23	36.479	4.86	0.4	0.20	<0.1	0.4	1.7	0.03	0.37	0.32
72	21.90	36.466	4.68	0.6	0.20	<0.1	0.3	1.7	0.04	0.37	0.42
80	21.24	36.448	4.35	1.4	0.18	0.4	0.3	2.0	0.08	0.34	0.35
86	20.74	36.440	3.46	3.9	0.12	<0.1	<0.1	2.5	0.17	0.23	0.36
										$\sum_{i=0}^{86m} CHL = 22.4$	



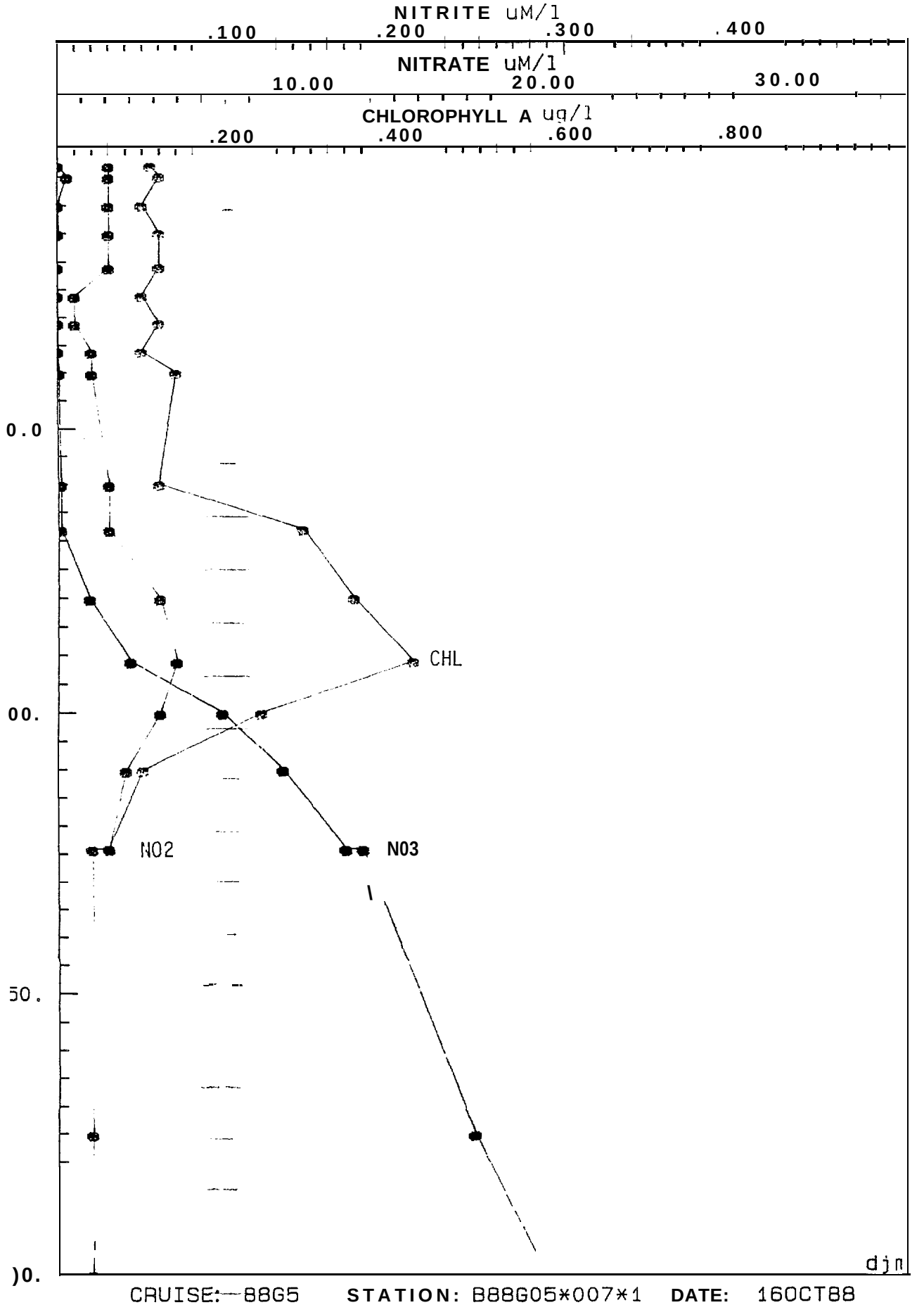
CRUISE: 88G5 STATION: B88G05*005*1 DATE: 16OCT88
LATITUDE: 27 57.9 LONGITUDE: 93 36.6



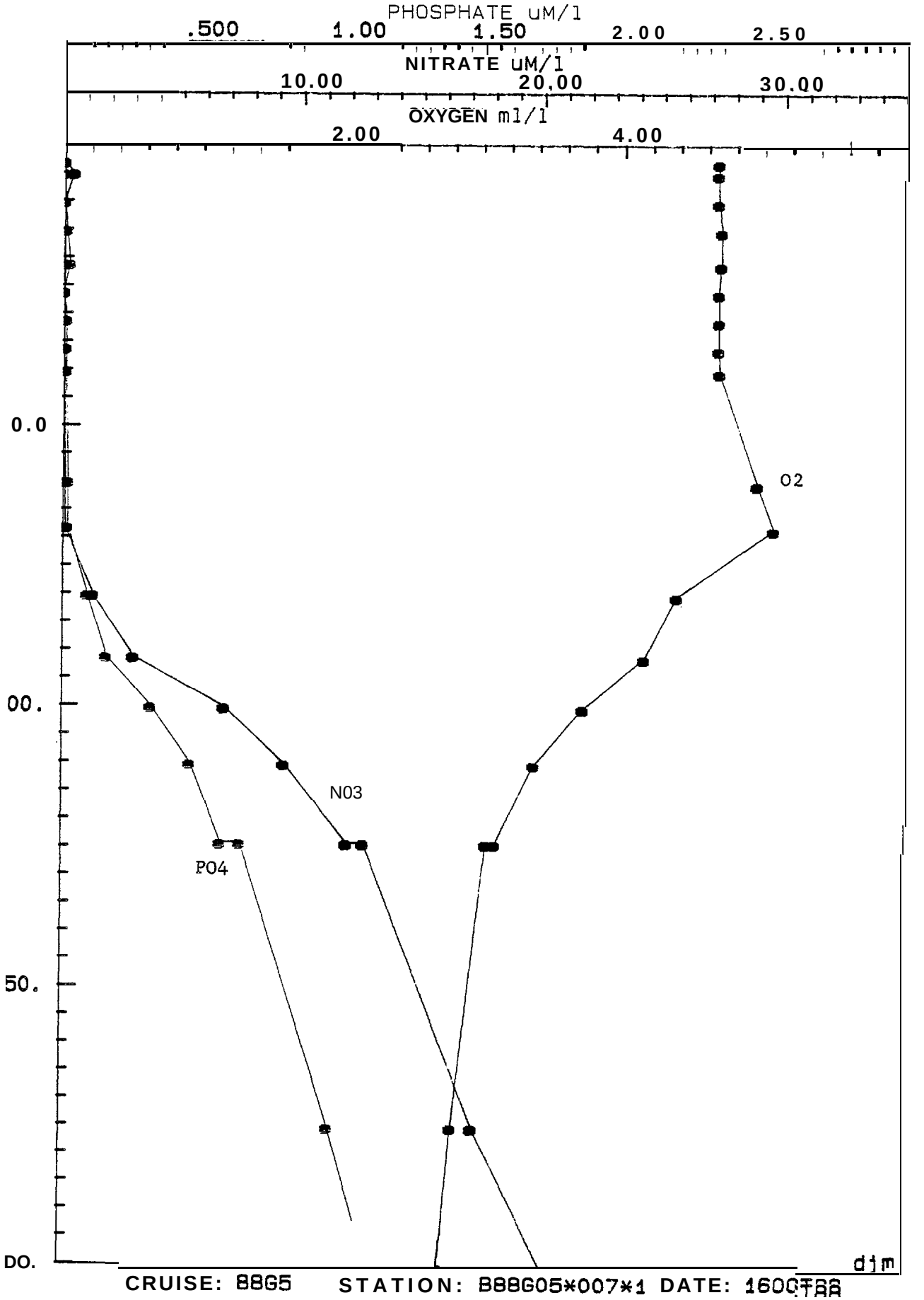
CRUISE: 88G5 STATION: B88G05*005*1 DATE: 16OCT88
LATITUDE: 29' 57.9 LONGITUDE: 93 36.6

GMT 1220 27 45.5 888605
16 OCT 88 93 28.1 STATION 7

BOTTLE #	DEPTH	T	S	DO	NO_3	NO_2	NH_4	UREA	$SiOH_4$	PO_4	CHL	PHAE
21	3	26.54	36.438	4.66	<0.1	0.03	<0.1	1.5	1.4	<0.01	0.11	0.0[illegible]
20	5	26.54	36.439	4.66	0.4	0.03	<0.1	1.7	1.3	<0.01	0.12	0.07
19	10	26.55	36.439	4.66	<0.1	0.03	0.1	1.0	1.4	<0.01	0.10	0.08
18	15	26.56	36.439	4.69	<0.1	0.03	0.1	0.6	1.5	0.01	0.12	0.08
17	21	26.56	36.438	4.68	<0.1	0.03	0.1	0.5	1.5	0.02	0.12	0.09
16	26	26.56	36.439	4.67	<0.1	0.01	<0.1	0.5	1.2	<0.01	0.10	0.09
15	31	26.56		4.67	<0.1	0.01	<0.1	0.1	1.4	0.01	0.12	0.08
14	36	26.56	36.440	4.67	<0.1	0.02	<0.1	0.2	1.4	0.01	0.10	0.13
13	40	26.57	36.446	4.67	0.1	0.02	0.1	0.6	1.3	0.01	0.14	0.10
2	60	25.90	36.486	4.95	0.12	0.03	0.1	0.3	1.3	0.02	0.12	0.09
11	68	23.09	36.492	5.06	0.13	0.03	0.1	0.4	1.2	0.02	0.29	0.19
[illegible]	80	21.48	36.489	4.38	1.3	0.06	0.1	0.4	1.9	0.09	0.35	0.23
[illegible]	91	20.96	36.474	4.15	3.0	0.07	0.1	0.7	2.1	0.16	0.42	0.47
[illegible]	100	20.12	36.444	3.72	6.8	0.06	<0.1	0.6	2.7	0.32	0.24	0.26
[illegible]	110	19.32	36.415	3.38	9.3	0.04	<0.1	0.6	3.6	0.46	0.10	0.19
[illegible]	124	18.31	36.383	3.10	11.9	0.03	<0.1	0.1	4.1	0.57	0.06	0.08
	124	18.31	36.340	3.03	12.6	0.02	<0.1	0.5	4.6	0.64	$\sum_{i=0}^{100m} CHL = 19.8$	
	175	15.88	36.053	2.80	17.2	0.02	<0.1	0.9	6.6	0.96		
	200	14.50	35.873	2.71	20.1	0.02	<0.1	0.1	8.0	1.10		
	220	14.06	35.802	2.69	20.9	0.04	<0.2	0.6	8.9	1.15		



CRUISE: 88G5 STATION: B88G05*007*1 DATE: 16OCT88
LATITUDE: 27 45,5 LONGITUDE: 93 28.1

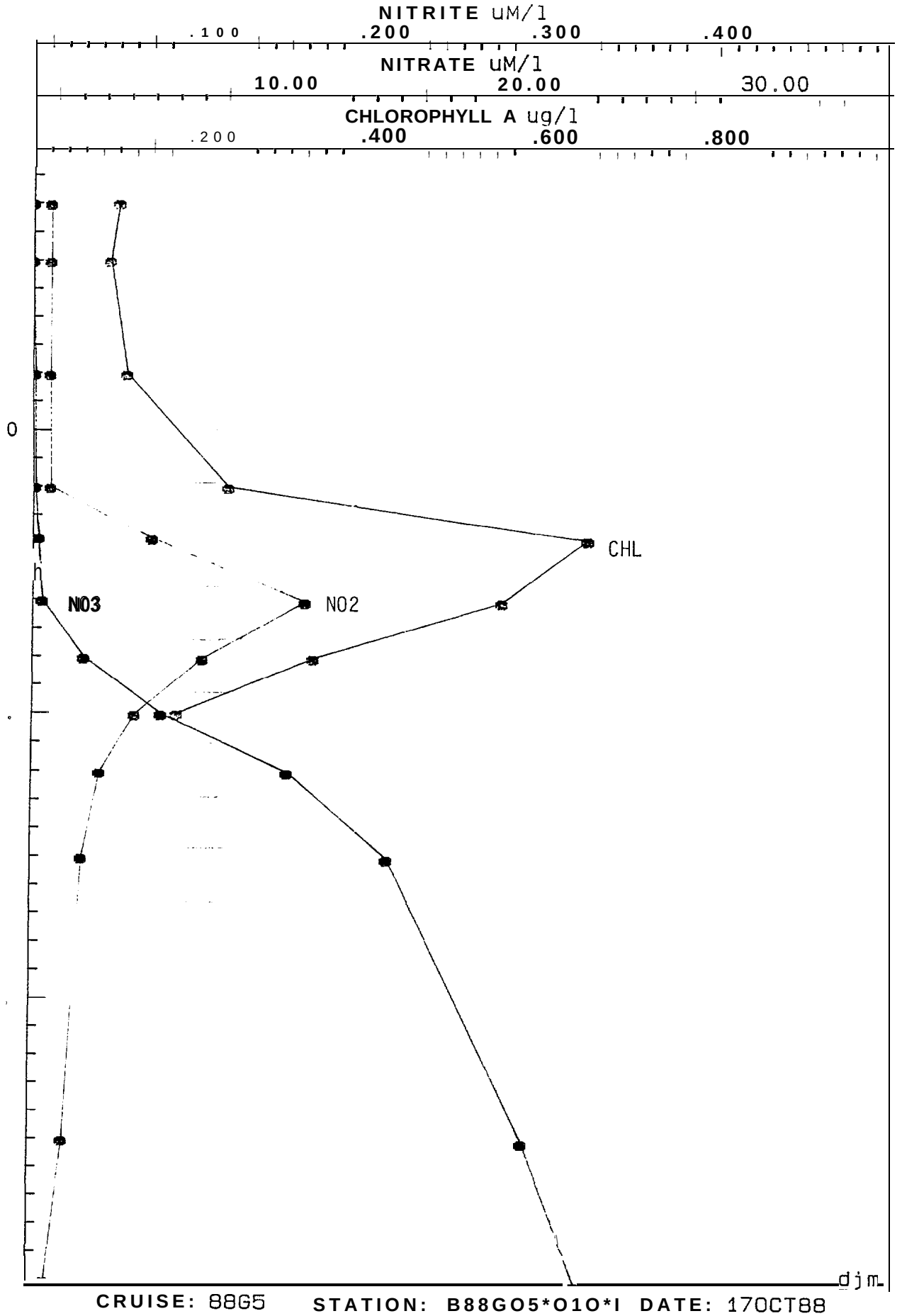


CRUISE: 88G5 STATION: B88G05*007*1 DATE: 160CT88

LATITUDE: 27 45.5 LONGITUDE: 93 28.1

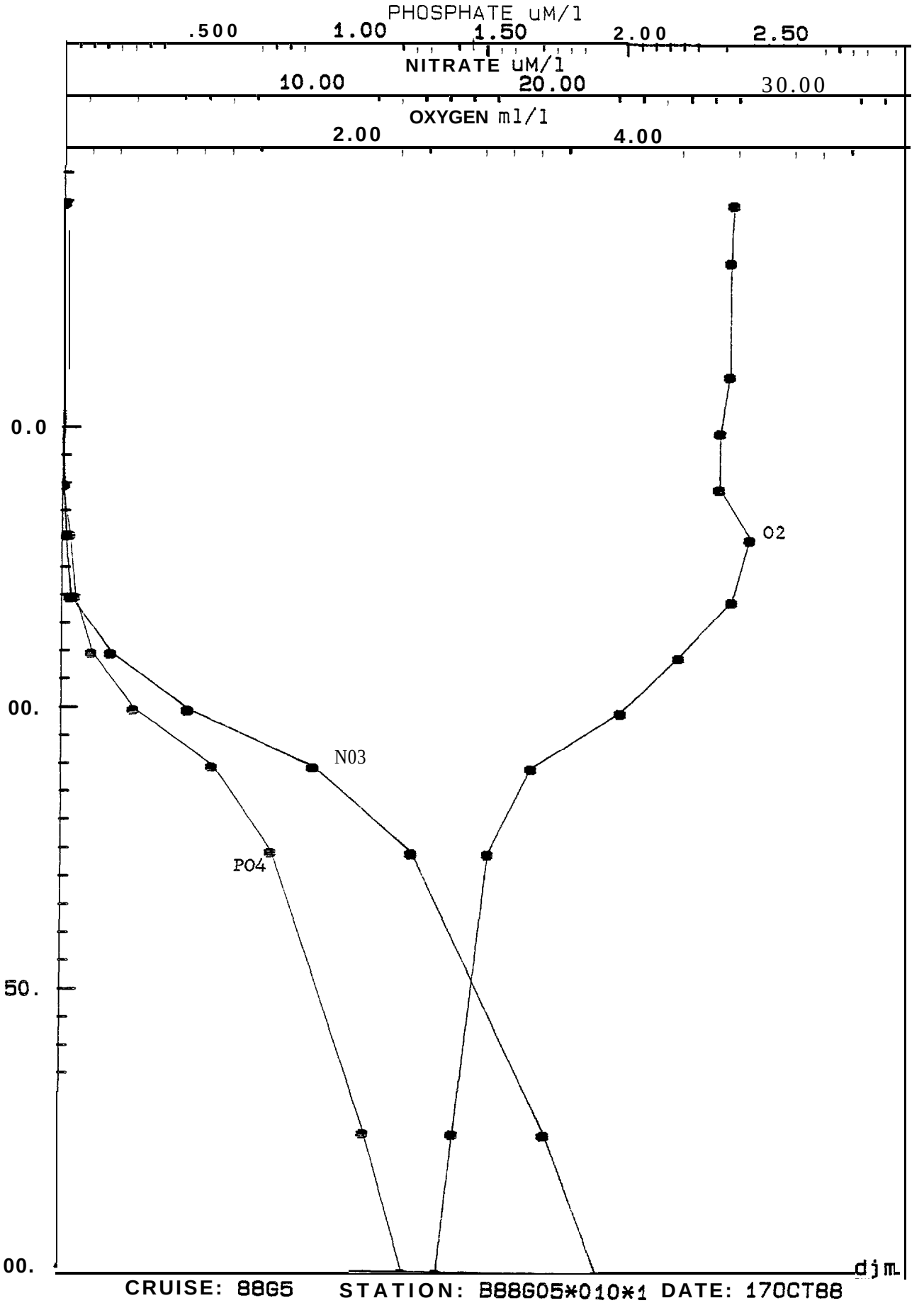
GMT 0312 27 38.7 B88G05
17 OCT 88 93 57.2 STATION 10

DEPTH	T	S	DO	NO_3	NO_2	NH_4	UREA	$SiOH_4$	PO_4	CHL	PHAEO
10	26.81	36.380	4.77	<0.1	0.01	<0.1	0.1	2.0	0.01	0.10	0.06
20	26.78	36.384	4.75	<0.1	0.01	<0.1	1.2	2.0	0.02	0.09	0.06
40	26.75	36.398	4.75	0.1	0.01	<0.1	0.2	1.8	0.02	0.11	0.09
50	26.75		4.68								
60	26.61	36.461	4.68	0.1	0.01	<0.1	0.8	1.8	<0.01	0.23	0.14
69	23.87	36.486	4.89	0.2	0.07	<0.1	0.3	1.7	0.03	0.65	0.58
80	22.28	36.491	4.77	0.4	0.16	<0.1	0.6	2.0	0.05	0.55	0.47
90	21.29	36.479	4.40	2.1	0.10	<0.1	0.8	1.8	0.11	0.33	0.38
100	20.15	36.450	3.98	5.3	0.06	<0.1	0.2	2.1	0.26	0.17	0.23
110	19.02	36.368	3.35	10.5	0.04	<0.1	0.3	4.2	0.54	$\sum_{i=0}^{100m}$ CHL = 24.9	
125	17.13	36.233	3.05	14.6	0.03	<0.1	0.4	4.9	0.75		
175	14.73	35.885	2.82	20.2	0.02	<0.1	0.4	7.4	1.09		
200	13.64	35.727	2.71	22.4	0.01	<0.1	0.4	9.4	1.23		
225	13.24	35.683	2.68	22.9	0.01	<0.1	0.2	9.5	1.27		
250	12.53	35.585	2.66	24.2	0.01	<0.1	0.0	10.5	1.37		
275	11.93	35.484	2.64	25.7	0.01	<0.1	0.08	11.2	1.47		
300	11.21	35.402	2.67	26.4	0.02	<0.1	0.01	12.1	1.53		
350	10.27	35.244	2.68	28.7	0.01	<0.1	0.1	14.5	1.62		
400	9.86	35.197	2.67	29.2	0.01	<0.1	0.5	15.4	1.71		
450	9.35	35.140	2.66	30.0	0.01	<0.1	0.6	16.1	1.76		
500	8.83	35.075	2.70	30.8	0.01	<0.1	0.8	17.9	1.78		



CRUISE: 88G5 STATION: B88GO5*O1O*I DATE: 17OCT88

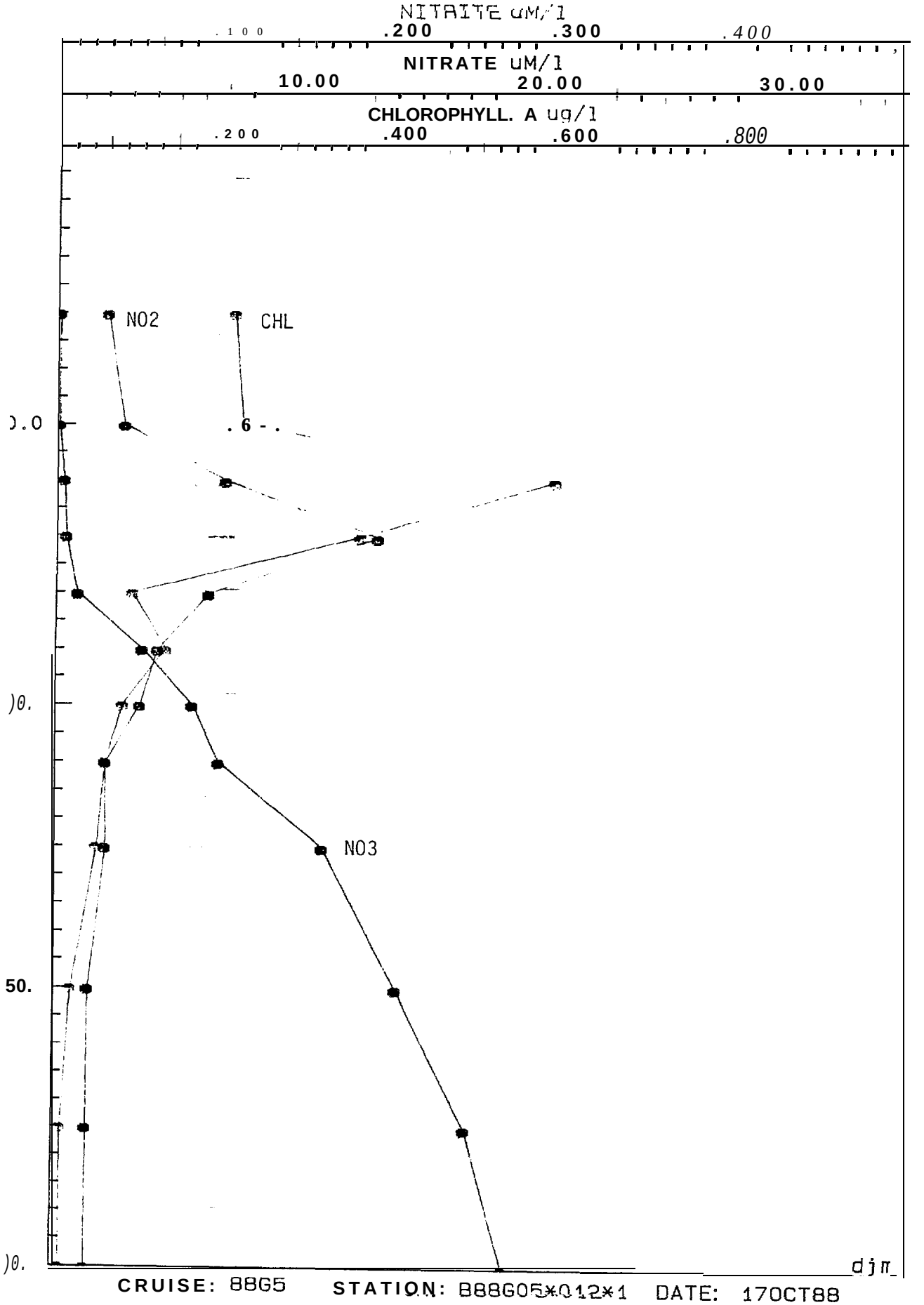
LATITUDE: 27 38.7 LONGITUDE: 93 57.2



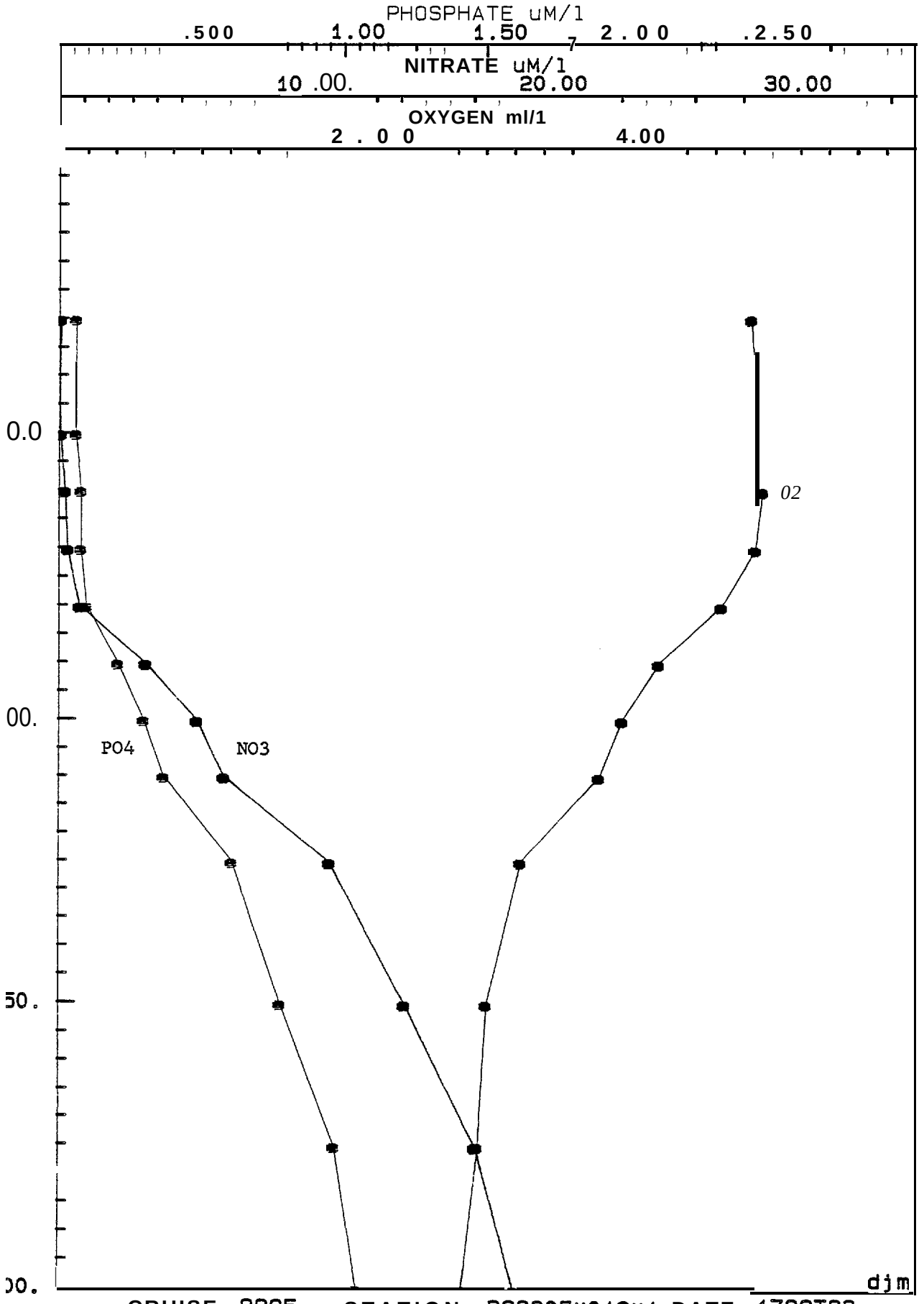
CRUISE: 88G5 STATION: B88G05*010*1 DATE: 17OCT88
LATITUDE: 27 38.7 LONGITUDE: 93 57.2

GMT 1240 26 58.4 B88G05
17 OCT 88 93 57.2 STATION 12

E	DEPTH	T	S	oo	NO_3	NO_2	NH_4	UREO	$SiOH_4$	PO_4	CHL	PHAEO
2	30	26.67	36.499	4.85	0.1	0.03	0.06	0.3	2.3	0.06	0.2	0.08
1	50	26.04	36.487	4.92	0.1	0.04	<0.1	0.2	2.3	0.06	0.22	0.15
)	60	23.61	36.502	4.93	0.3	0.10	<0.1	0.2	2.0	0.08	0.59	0.35
	70	22.58	36.490	4.88	0.4	0.19	<0.1	0.1	1.6	0.08	0.36	0.4
	80	21.51	36.442	4.64	0.9	0.09	<0.1	<0.1	2.0	0.1	0.09	0.58
	90	2[illegible]	36.465	4.21	3.6	0.06	<0.1	0.2	2.1	0.21	0.13	0.25
	100	20.57	36.455	4.00	5.7	0.05	<0.1	<0.1	2.7	0.30	0.08	0.6
	110	20.00	36.452	3.80	6.8	0.03	<0.1	<0.1	2.8	0.37	0.06	0.10
	125	19.35	36.381	3.25	11.1	0.03	<0.1	0.4	4.2	0.61	0.05	0.08
	150	17.44	36.272	3.01	14.2	0.02	<0.1	0.05	5.1	0.78	0.02	0.04
	175	15.96	36.066	2.95	17.1	0.02	<0.1	0.05	6.5	0.97	<0.01	0.01
	200	14.74	35.975	2.84	18.7	0.02	<0.1	0.2	7.2	1.05	<0.01	0.0
	250	13.09	35.718	2.70	22.2	0.01	<0.1	0.3	9.9	1.28	$\sum_{i=0}^{[illegible]} CHL$	=23.8
	400	9.54	35.181	2.97	27.4	0.01	<0.1	0.5	17.6	1.68		
	400	9.51	35.164	2.65	29.1	0.01	<0.1	0.2	16.4	1.78		
	500	8.15	34.999	2.79	31.2	0.01	<0.1	0.2	20.5	1.89		
	598	6.97	34.919	3.03	31.8	0.02	0.07	0.4	23.2	1.97		
	701	6.21	34.898	3.35	31.1	0.02	<0.1	0.1	25.0	1.95		
	801	5.72	34.901	3.64	29.9	0.02	<0.1	0.2	26.1	1.89		
	897	5.35	34.901	3.92	28.9	0.02	<0.1	0.4	26.6	1.83		
	1075	4.96	34.932	4.25	27.4	0.02	<0.1	0.4	27.1	1.74		
	1075	4.96	34.931	4.27	27.4	0.02	<0.1	1.2	27.0	1.71		



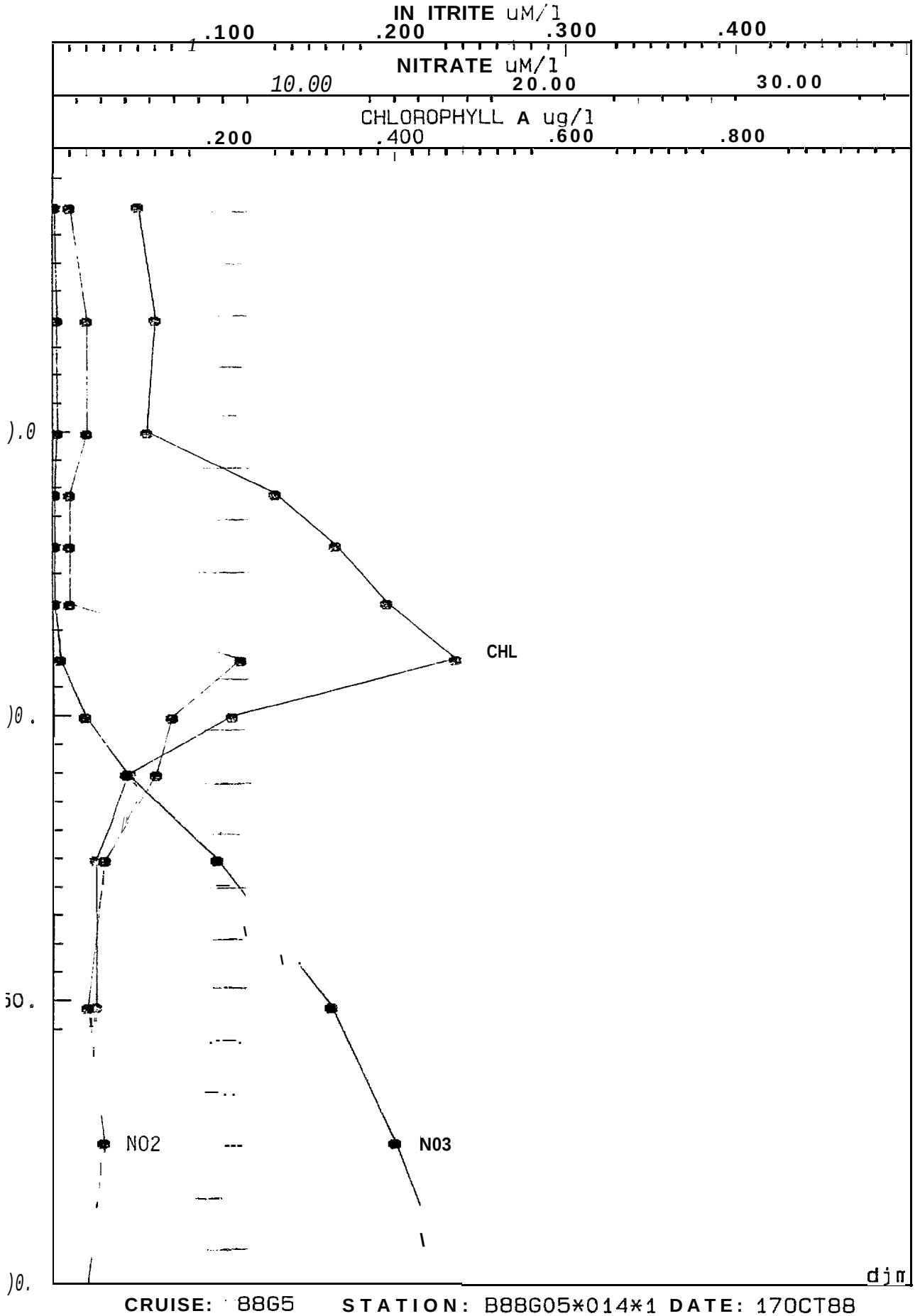
CRUISE: 88G5 STATION: B88G05*012*1 DATE: 17OCT88
LATITUDE: 26 '58.4 LONGITUDE: 93 57.2



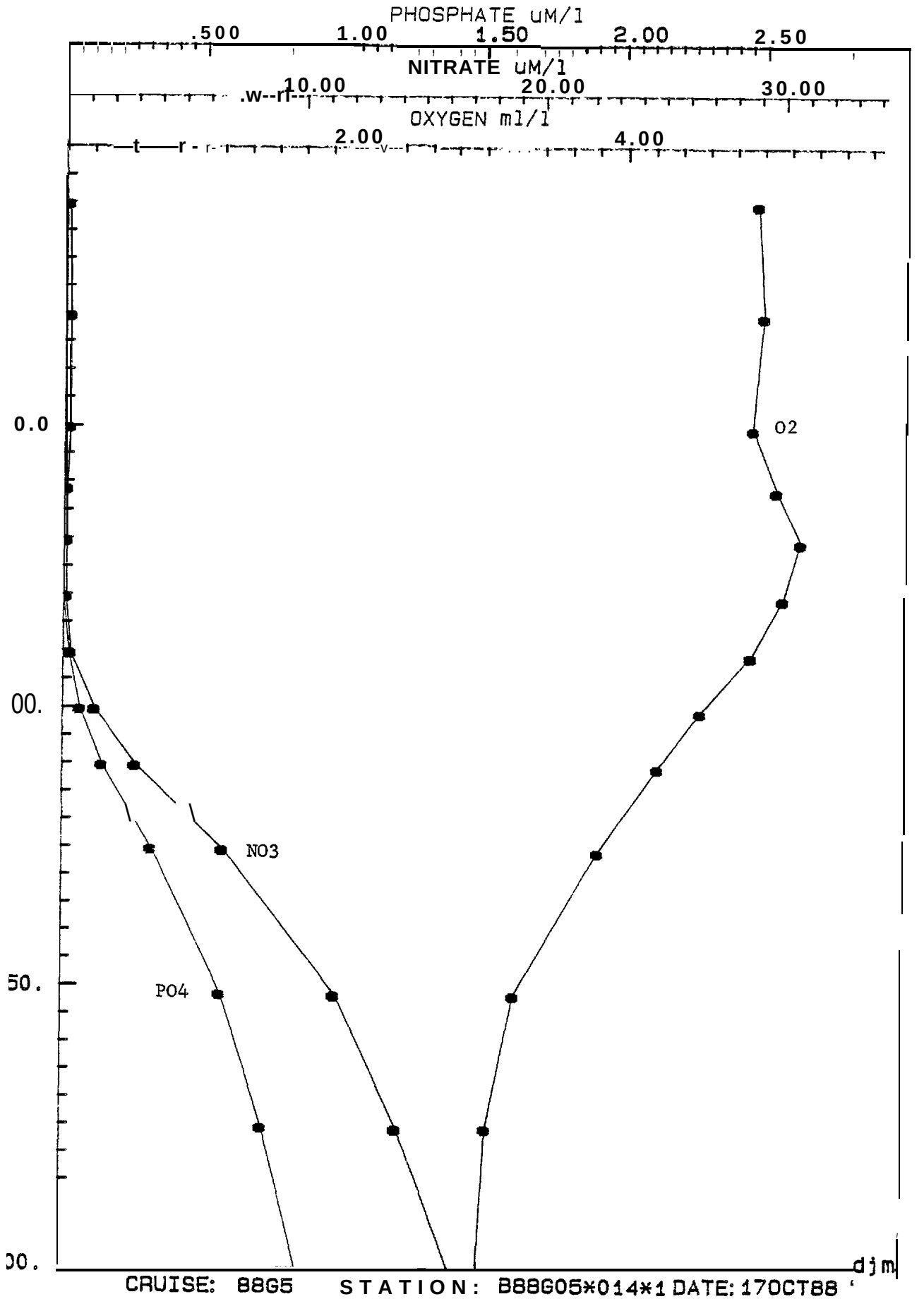
CRUISE: 88G5 STATION: B88G05*012*1 DATE: 17OCT88
LATITUDE: 26 58.4 LONGITUDE: 93 57.2

GMT 2108 17 Oct 88 36 20.0 940.0 B 88 G05 Station 14

LE	DEPTH	T	S	DO	NO_3	NO_2	NH_4	UREA	$SiOH_4$	PO_4	CHL	PHAEO
4	10	26.67	31.473	4.94	0.1	0.01	<0.1	0.1	1.3	<0.01	0.10	0.07
3	30	26.59	36.472	4.98	0.2	0.02	<0.1	0.1	1.3	<0.01	0.12	0.07
2	50	26.59	36.502	4.91	0.2	0.02	<0.1	0.1	1.3	<0.01	0.11	0.08
1	61	26.34	36.492	5.08	0.1	0.01	<0.1	0.3	1.5	<0.01	0.26	0.13
0	70	24.21	36.479	5.25	0.1	0.01	<0.1	0.5	1.9	<0.01	0.33	0.28
1	80	22.98	36.485	5.13	0.1	0.01	<0.1	0.7	1.3	<0.01	0.39	0.36
3	90	22.17	36.498	4.91	0.3	0.11	<0.1	0.7	1.2	0.02	0.47	0.48
7	100	21.48	36.483	4.60	1.3	0.07	<0.1	0.4	1.6	0.06	0.21	0.36
9	110	20.89	31.454	4.25	3.0	0.06	<0.1	0.4	1.8	0.14	0.09	0.25
5	125	19.94	36.449	3.83	6.7	0.03	<0.1	0.7	2.5	0.32	0.05	0.15
1	151	18.58	36.401	3.24	11.4	0.02	<0.1	<0.1	3.6	0.57	0.05	0.12
1	175	16.99	36.275	3.04	14.0	0.03	<0.1	0.4	4.7	0.72	$\sum_{i=0}^{100m} CHL = 21.5$	
	201	15.65	36.137	2.99	16.3	0.02	<0.1	0.4	5.6	0.85		
	226	14.55	35.923	2.87	19.2	0.02	<0.1	0.4	7.6	1.04		
	250	13.60	35.768	2.78	21.3	0.02	<0.1	0.7	9.1	1.16		
	300	12.39	35.519	2.70	24.5	0.02	<0.1	0.6	11.5	1.37		
	501	8.36	35.033	2.73	30.6	0.02	<0.1	0.4	19.0	1.80		
	648	6.54	34.902	3.18	31.2	0.01	<0.1	0.4	23.8	1.89		
	648	6.54	34.902	3.18	31.2	0.01	<0.1	0.6	23.8	1.88		
	700	6.23	34.893	3.35	30.7	0.01	<0.1	0.0	24.4	1.86		
	900	5.3	34.911	3.92	28.7	0.01	<0.1	0.2	25.9	1.76		
	1100	4.72	34.943	4.54	26.0	0.02	<0.1	0.2	26.1	1.61		
	1300	4.36	34.961	4.85	24.5	0.02	<0.1	0.2	25.8	1.51		
	1300	4.36	34.960	4.87	24.3	0.02	<0.1	0.8	25.7	1.53		



CRUISE: 88G5 STATION: B88G05*014*1 DATE: 17OCT88
LATITUDE: 26 20.0 LONGITUDE: 94 0.0

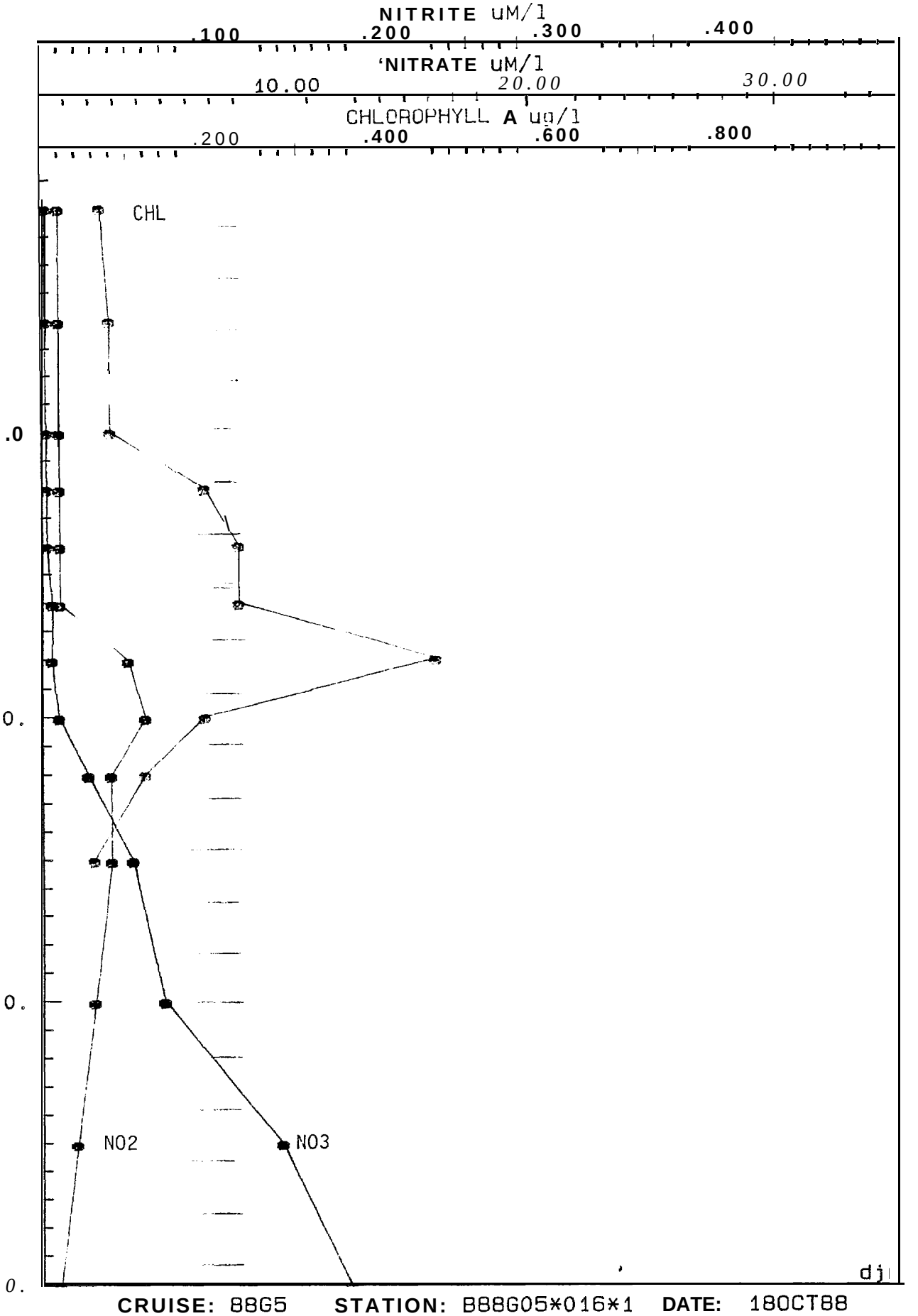


CRUISE: 88G5 STATION: B88G05*014*1 DATE: 17OCT88

LATITUDE: 26 20.0 LONGITUDE: 94 0.0

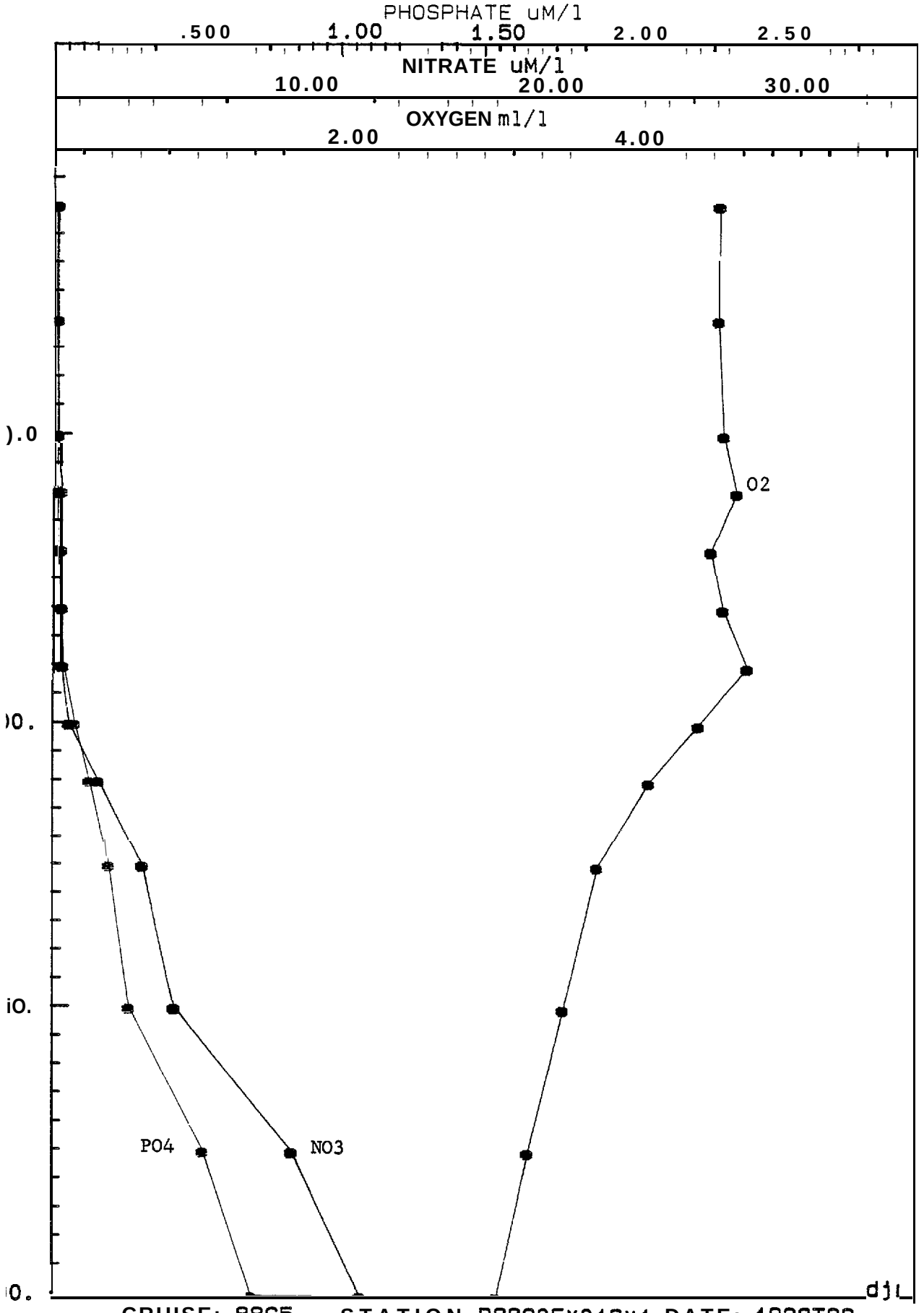
GMT 0418
18 Oct 88 25 40.3 94 .2 B88G05
Station 16

DEPTH	T	S	DO	NO_3	NO_2	NH_4	UREA	$SiOH_4$	PO_4	CHL	PHAEO
10	27.28	36.476	4.64	0.2	0.01	0.1	<0.1	1.1	0.01	0.07	0.06
30	27.27	36.474	4.63	0.2	0.01	0.1	0.5	1.1	0.01	0.08	0.02
50	27.13	36.456	4.67	0.2	0.01	0.1	0.1	1.2	0.02	0.08	0.02
60	25.18	36.430	4.76	0.2	0.01	0.1	0.6	1.2	0.03	0.19	0.13
70	24.81	36.454	4.59	0.2	0.01	<0.1	0.3	1.2	0.03	0.23	0.19
80	23.87	36.496	4.67	0.4	0.01	<0.1	0.2	1.1	0.03	0.23	0.20
90	22.78	36.554	4.84	0.4	0.05	<0.1	0.5	1.1	0.04	0.46	0.43
100	22.42	36.582	4.49	0.7	0.06	<0.1	0.6	1.2	0.08	0.19	0.38
110	22.47	36.651	4.15	1.9	0.04	<0.1	0.3	1.4	0.13	0.12	0.24
125	22.02	36.797	3.80	3.7	0.04	<0.1	0.4	1.6	0.20	0.06	0.12
150	20.63	36.882	3.57	5.0	0.03	<0.1	0.4	1.8	0.27	$\sum_{i=0}^{100m} CHL = 16.5$	
175	18.78	36.467	3.32	9.8	0.02	<0.1	0.3	3.4	0.53		
200	17.73	36.347	3.11	12.6	0.01	<0.1	0.2	4.4	0.70		
250	15.55	36.033	2.76	17.7	0.01	<0.1	0.2	6.8	1.01		
300	14.14	35.809	2.70	20.7	0.01	<0.1	0.1	8.6	1.21		
400	11.45	35.433	2.58	25.7	0.01	<0.1	0.4	12.5	1.55		
500	9.27	35.130	2.60	29.7	0.01	<0.1	0.4	16.9	1.81		
600	7.67	34.968	2.81	31.1	0.01	<0.1	0.1	20.3	1.95		
700	6.72	34.907	3.18	31.0	0.01	0.1	0.3	23.0	1.99		
800	6.15	34.900	3.36	30.6	0.01	0.1	0.3	24.5	1.95		
900	5.62	34.907	3.69	29.3	0.01	0.1	0.4	25.9	1.88		
1000	5.12	34.923	4.02	28.2	0.01	0.1	0.6	26.3	1.80		
1250	4.46	34.954	4.57	25.7	0.01	<0.1	0.8	26.2	1.63		
1250	4.46	34.952	4.57	25.9	0.01	0.1	0.6	26.2	1.63		



CRUISE: 88G5 **STATION:** B88G05*016*1 **DATE:** 18OCT88

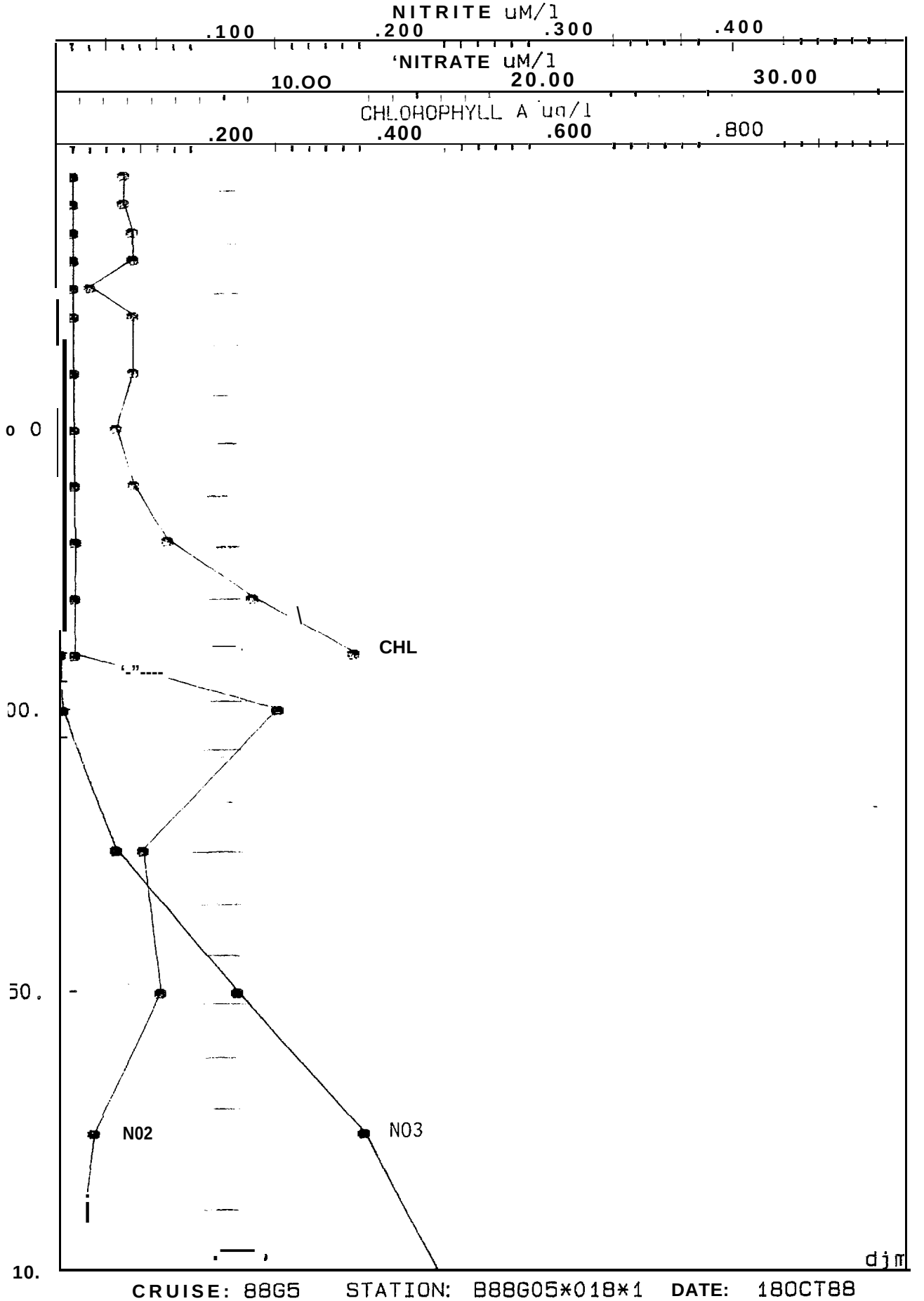
LATITUDE: 25 40.3 **LONGITUDE:** 94 .2



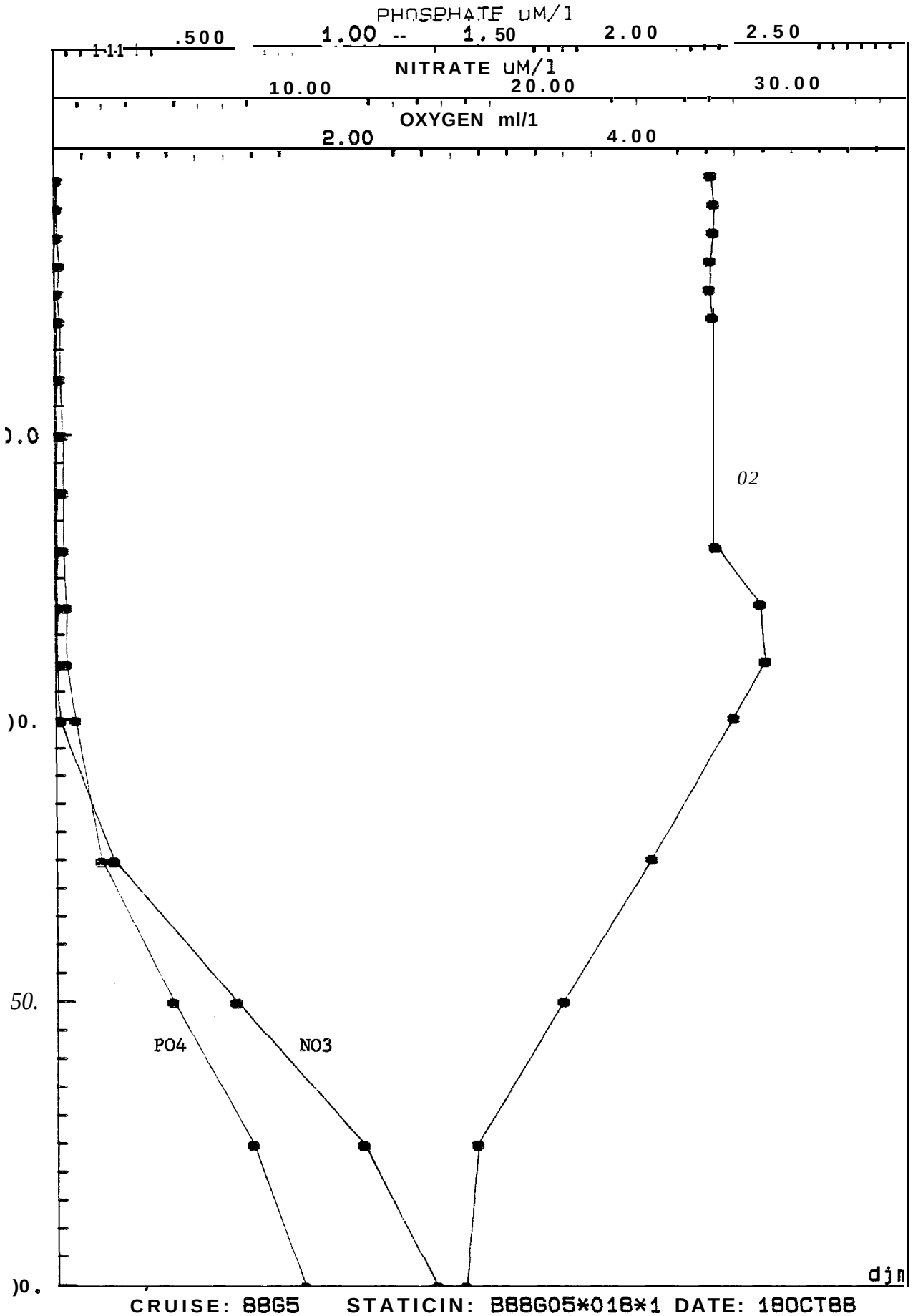
CRUISE: 88G5 STATION B88G05*016*1 DATE: 18OCT88
LATITUDE: 25 40,3 LONGITUDE: 94 .2

GMT 1117 B88605
18 oct 88 25 40.0 9445.0 Station 18

TLE #	DEPTH	T	S	DO	NO_3	NO_2	NH_4	UREA	$SiOH_4$	PO_4	CHL	PHAEO
4	5	26.70	36.516	4.63	0.1	0.01	<0.1	0.2	0.6	0.01	0.08	0.06
3	10	26.70	36.513	4.65	0.1	0.01	<0.1	0.3	0.4	0.01	0.08	0.06
2	15	26.70	36.513	4.64	<0.1	0.01	0.05	0.2	0.5	0.01	0.09	0.07
1	20	26.70	36.512	4.62	<0.1	0.01	<0.1	0.6	0.6	0.02	0.09	0.06
0	25	26.70	36.511	4.62	<0.1	0.01	<0.1	0.2	0.6	0.01	0.04	0.10
9	30	26.70	36.513	4.63	0.1	0.01	<0.1	0.2	0.7	0.02	0.09	0.07
8	40	26.71	36.514	4.65	0.1	0.01	<0.1	0.0	0.5	0.02	0.09	0.07
7	50	26.71	36.524	4.63	0.1	0.01	<0.1	0.3	0.7	0.03	0.07	0.05
6	60	26.70	36.540	4.63	0.1	0.01	<0.1	0.1	0.7	0.03	0.09	0.07
5	70	26.54	36.565	4.65	0.1	0.01	<0.1	0.3	0.6	0.03	0.13	0.10
4	80	24.19	36.493	4.96	0.1	0.01	<0.1	0.4	0.7	0.04	0.23	0.20
3	90	22.93	36.483	5.00	0.1	0.01	<0.1	0.2	0.4	0.04	0.35	0.42
2	100	22.22	36.498	4.77	0.2	0.13	<0.1	0.2	0.3	0.07	≈0.2	
1	125	20.92	36.470	4.19	2.4	0.05	<0.1	0.2	0.9	0.16	$\sum_{C=0}^{100m} CHL = 13.4$	
	150	19.49	36.413	3.57	7.4	0.06	<0.1	0.4	2.0	0.41		
	175	18.00	36.336	2.97	12.6	0.02	0.05	0.2	2.9	0.69		
	200	16.53	36.176	2.87	15.6	0.01	<0.1	<0.1	4.4	0.87		
	250	14.12	35.815	2.80	19.9	0.01	<0.1	0.4	7.1	1.16		
	300	12.79	35.607	2.65	22.8	0.01	<0.1	0.4	9.0	1.36		
	400	10.46	35.292	2.56	26.8	0.01	<0.1	<0.1	12.6	1.63		
	500	8.35	35.044	2.68	30.0	0.01	<0.1	0.1	17.5	1.84		
	700	6.22	34.898		30.0	0.01	<0.1	0.2	23.2	1.92		
	700	6.22	34.895	3.27	30.1	0.01	<0.1	0.2	23.4	1.91		



CRUISE: 88G5 STATION: B88G05*018*1 DATE: 18OCT88
LATITUDE: 25 40.0 LONGITUDE: 94 45.0



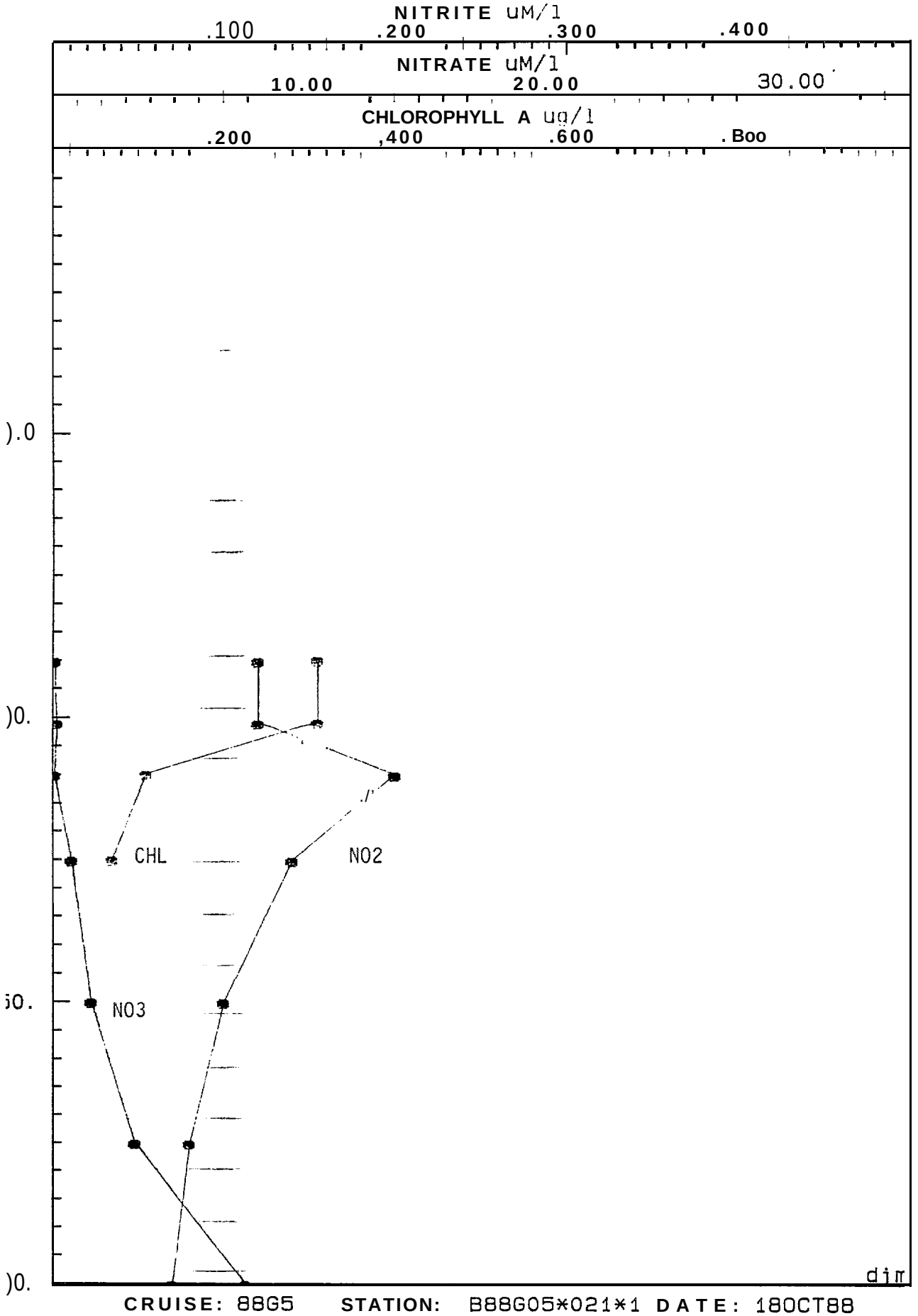
CRUISE: 88G5 STATICIN: B88G05*018*1 DATE: 18OCT88
LATITUDE: 25 40.0 LONGITUDE: 94 45.0

GMT 2350
18 Oct 88

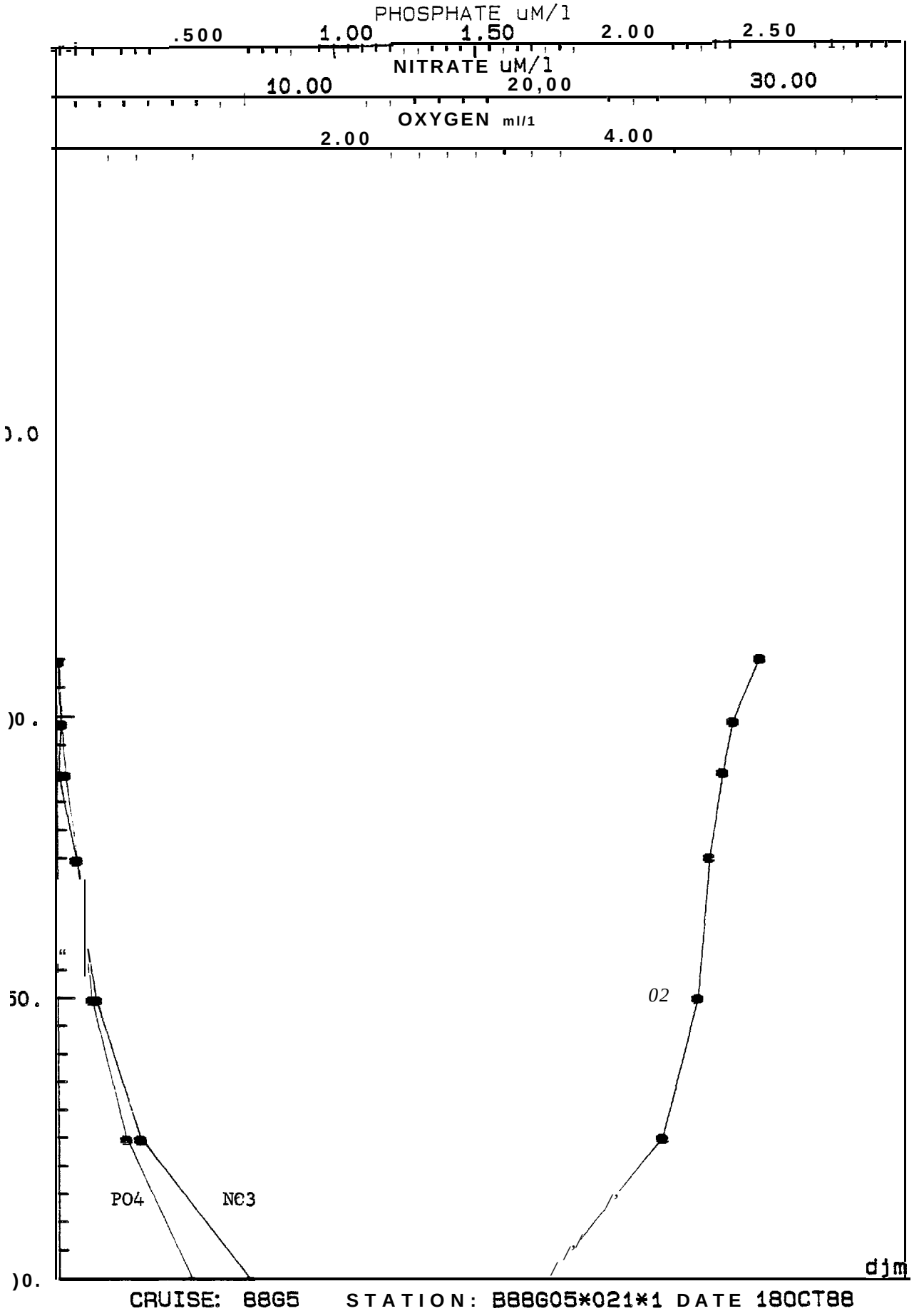
26 39.7 94 44.4

B88G05
Station 21

TLE	DEPTH	T	S	DO	NO_3	NO_2	NH_4	UREA	$SiOH_4$	PO_4	CHL	PHAEO
6	90	22.19	36.539	4.97	0.1	0.12	0.1	0.2	0.5	0.01	0.31	0.30
5	101	21.79	36.532	4.78	0.2	0.12	<0.1	0.3	0.8	0.02	0.31	0.49
4	110	21.50	36.535	4.71	0.1	0.20	<0.1	<0.1	0.7	0.03	0.11	0.55
3	125	21.36	36.539	4.61	0.8	0.14	<0.1	0.08	0.9	0.07	0.07	0.30
2	150	21.14	36.531	4.52	1.6	0.10	<0.1	0.2	1.0	0.12		
1	175	20.28	36.483	4.27	3.4	0.08	<0.1	0.1	1.5	0.24		
0	200	19.34	36.488	3.46	7.9	0.07	<0.1	0.08	2.9	0.47		
1	250	16.54	36.182	2.90	15.0	0.05	<0.1	0.5	5.7	0.88		
3	299	14.40	35.916	2.81	18.6	0.04	<0.1	0.4	7.8	1.13		
7	400	11.70	35.473	2.58	24.4	0.03	<0.1	0.3	12.1	1.50		
9	504	9.39	35.169	2.56	28.4	0.03	<0.1	0.5	15.8	1.78		
7	601	8.36	35.027	2.66	30.2	0.02	<0.1	0.3	20.0	1.88		
5	805	6.18	34.899	3.27	30.4	0.01	<0.1	0.2	24.4	1.98		
-	905	5.61	34.905	3.61	28.9	0.01	<0.1	0.4	25.5	1.91		
	905	5.61	34.904	3.61	29.0	0.01	<0.1	0.8	25.7	1.91		



CRUISE: 88G5 STATION: B88G05*021*1 DATE: 18OCT88
LATITUDE: 26 39,7 LONGITUDE: 94 44.4

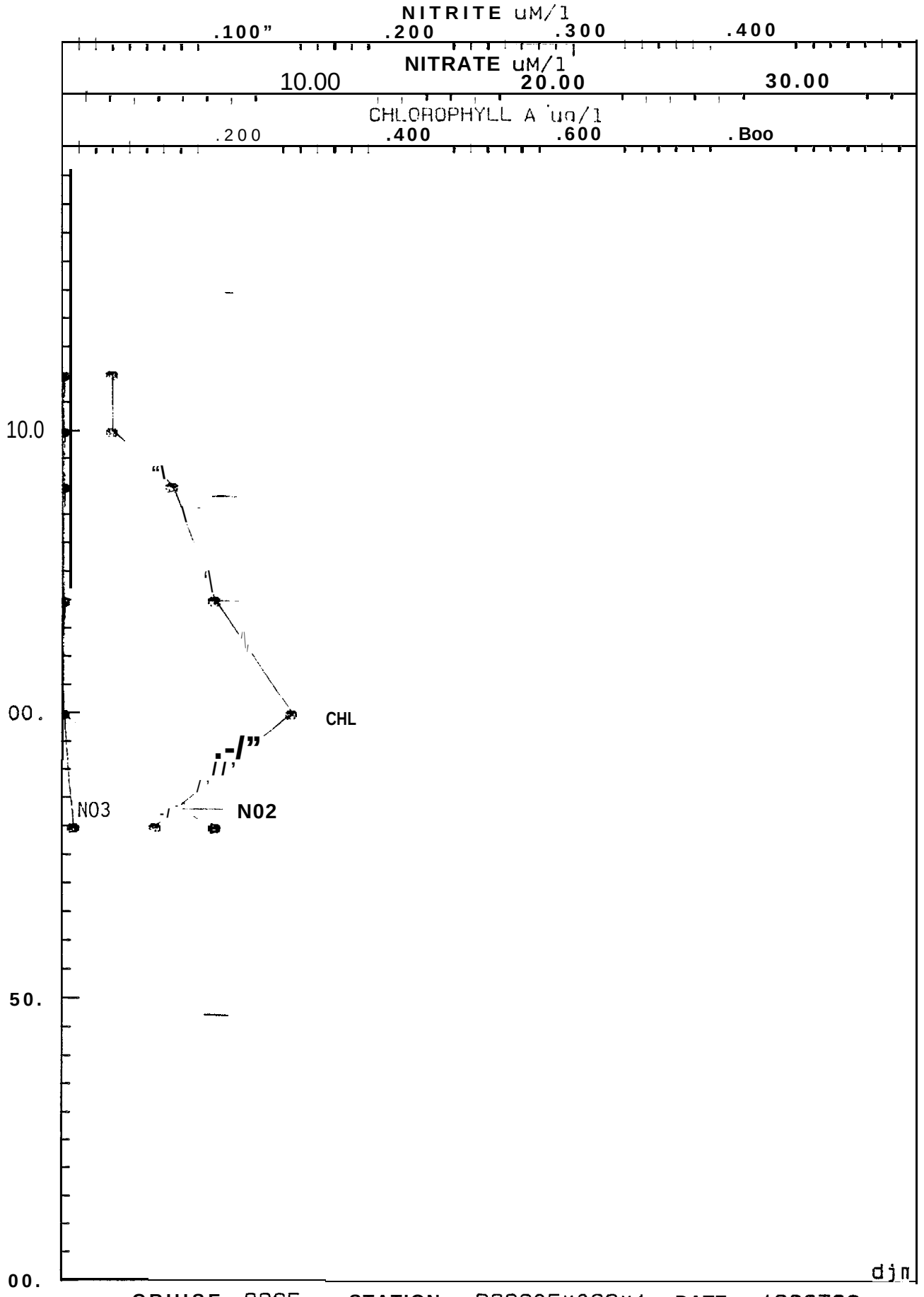


CRUISE: 88G5 STATION: B88G05*021*1 DATE 18OCT88

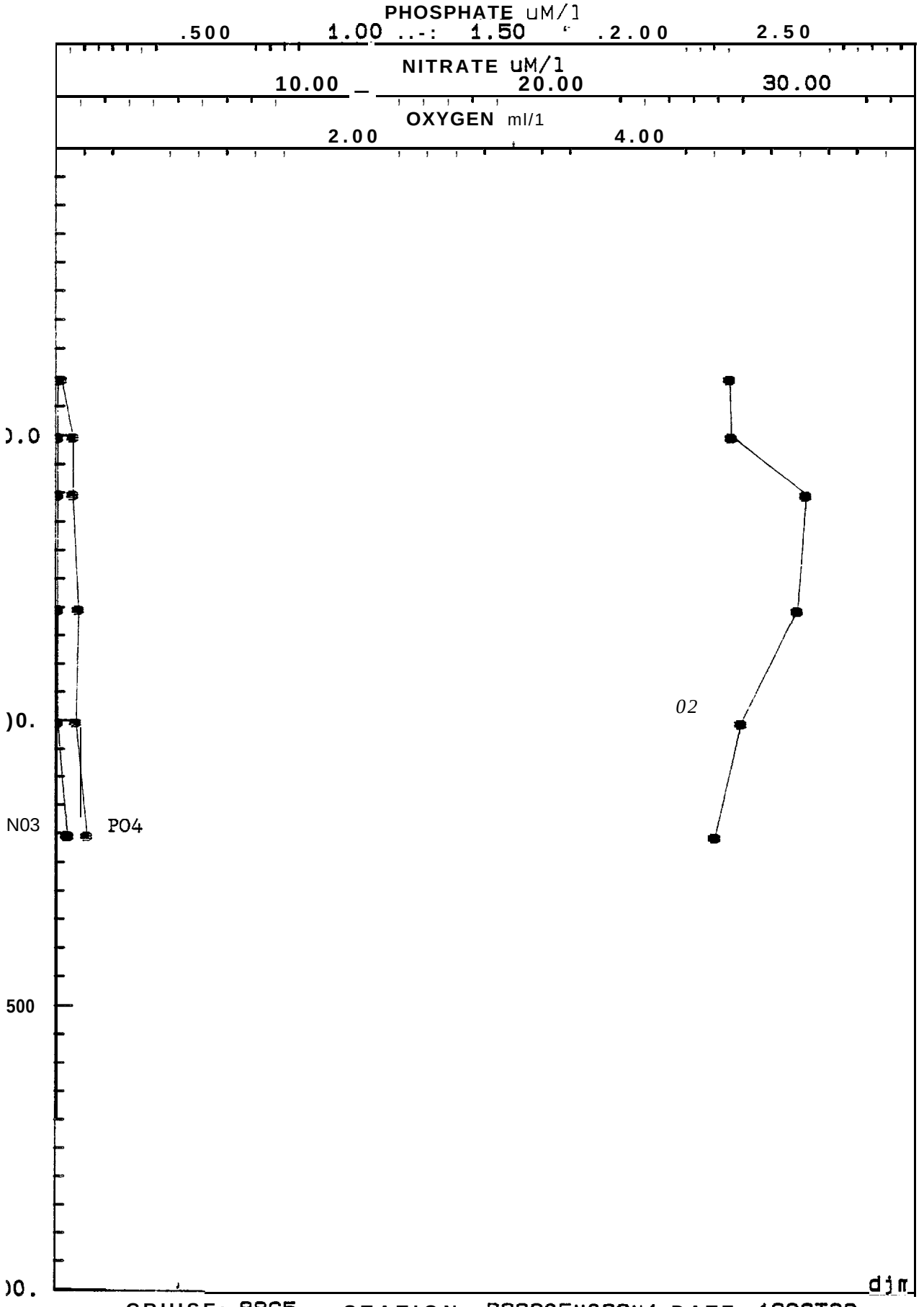
LATITUDE: 26 39.7 LONGITUDE: 94 44.4

GMT 0703 26 35.4 B88605
19 OCT 88 94 46.0 STATION 22

LE	DEPTH	T	S	DO	NO_3	NO_2	NH_4	UREA	$SiOH_4$	PO_4	CHL	PHAEO
	40	26.43	36.636	4.71	0.1	<0.01	0.06	0.1	0.8	0.02	0.06	0.05
	50	26.49	36.654	4.72	0.1	<0.01	0.08	0.2	0.6	0.06	0.06	0.09
	60	25.63	36.573	5.23	0.1	<0.01	0.08	0.1	0.4	0.06	0.13	0.11
	80	23.09	36.519	5.17	0.1	<0.01	0.08	0.2	0.2	0.08	0.18	0.10
	100	21.98	36.531	4.79	0.1	<0.01	0.04	<0.1	0.2	0.7	0.27	0.51
	120	21.58	36.535	4.61	0.5	0.9	0.03	0.6	0.1	0.11	0.11	0.36
											$\sum_{0}^{100m} CHL = 12.6$	



CRUISE: 88G5 STATION: 888G05*022*1 DATE: 19OCT88
LATITUDE: 26 35.4 LONGITUDE: 94 46.0

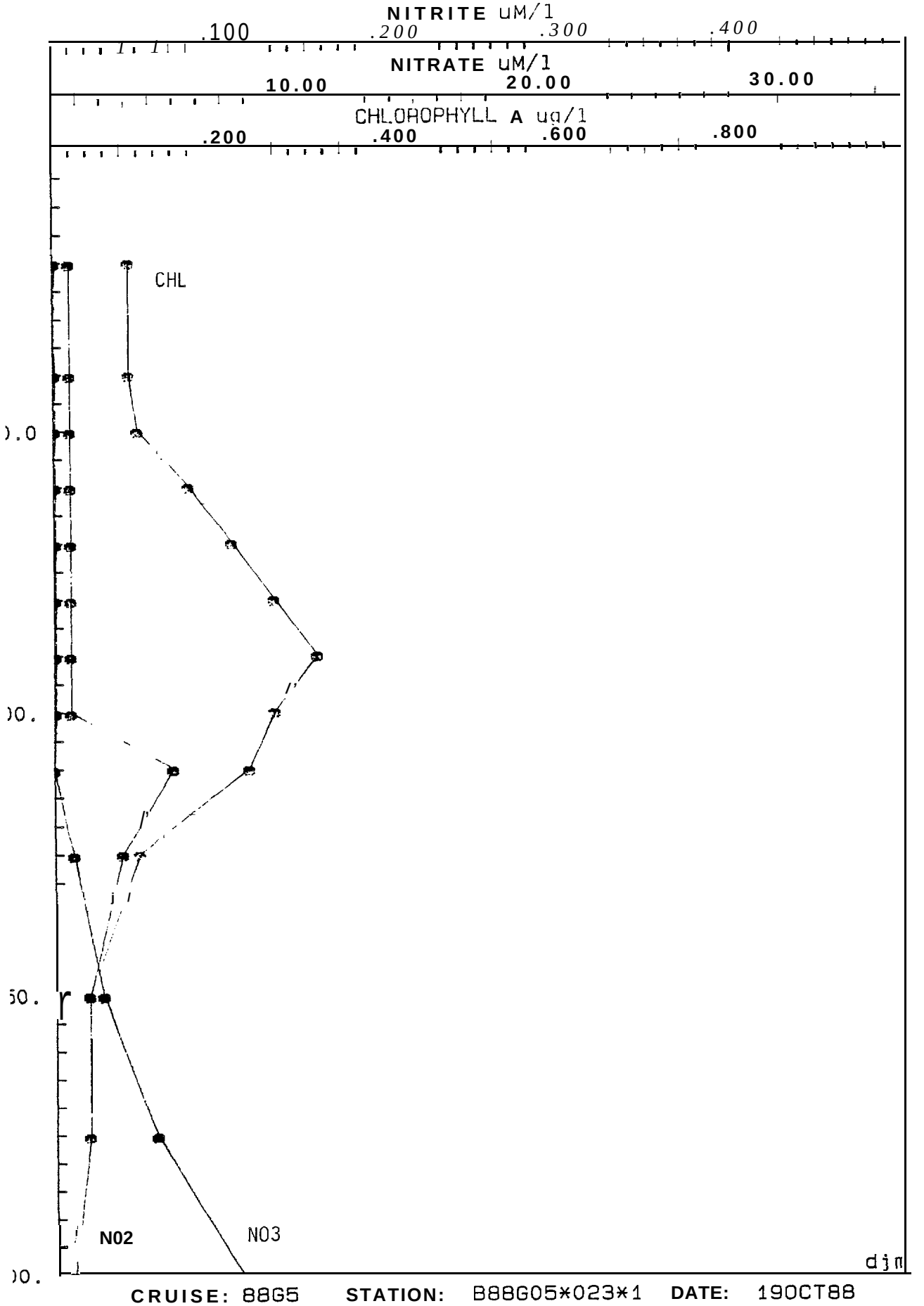


CRUISE: 88G5 STATION: B88G05*022*1 DATE: 19OCT88

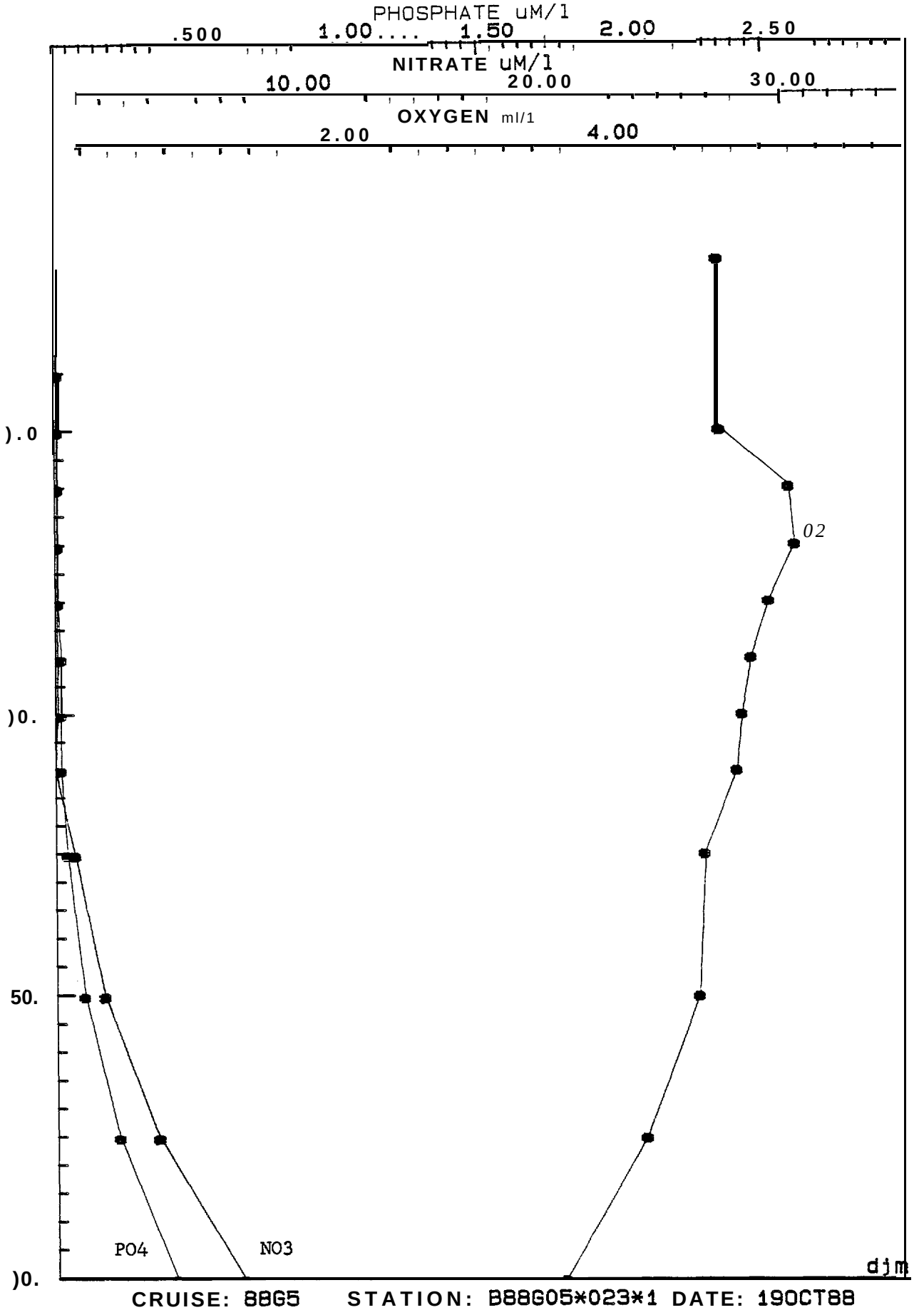
LATITUDE: 26 35.4 LONGITUDE: 94 46.0

SMT 1111 26 33.2 B88605
19 OCT 88 94 46.3 STATION 23

DEPTH	T	S	DO	NO_3	NO_2	NH_4	UREA	$SiOH_4$	PO_4	CHL	PHAEO
20	26.51	36.507	4.69	0.1	0.01	<0.1	0.8	0.5	0.01	0.09	0.07
40	26.48	36.610	4.67	0.1	0.01	<0.1	0.3	0.5	0.01	0.09	0.06
50	26.48	36.650	4.69	0.1	0.01	<0.1	0.3	0.8	0.01	0.10	0.09
60	24.38	36.580	5.18	0.1	0.01	<0.1	0.3	0.5	0.01	0.16	0.12
70	23.25	36.525	5.22	0.1	0.01	<0.1	0.3	0.5	0.01	0.21	0.07
80	22.70	36.534	5.03	0.1	0.01	<0.1	0.6	0.4	0.01	0.26	0.13
90	22.30	36.533	4.91	0.1	0.01	<0.1	0.2	0.2	0.02	0.31	0.28
100	22.04	36.529	4.84	0.1	0.01	<0.1	0.1	0.08	0.02	0.26	0.37
110	21.65	36.532	4.81	<0.1	0.07	0.1	0.3	0.0	0.02	0.23	0.43
125	21.38	36.537	4.58	0.8	0.04	<0.1	<0.1	0.2	0.04	0.10	0.34
150	21.24	36.534	4.53	2.0	0.02	<0.1	<0.1	0.2	0.10	0.04	0.14
175	20.33	36.477	4.16	4.2	0.02	<0.1	0.1	0.6	0.22	$\sum_{i=0}^{100m} CHL = 15.8$	
200	19.66	36.492	3.59	7.7	0.01	<0.1	0.3	1.8	0.42		
250	16.90	36.237	2.73	14.9	0.01	<0.1	0.1	3.9	0.83		
300	14.51	35.928	2.58	18.8	0.01	<0.1	0.3	6.5	1.08		
400	11.83	35.489	2.57	24.8	0.01	<0.1	0.5	10.6	1.50		
500	9.76	35.193	2.65	28.7	0.01	<0.1	0.5	14.8	1.77		
600	8.40	35.037	2.96	30.5	0.02	<0.1	0.3	18.4	1.93		
700	7.05	34.920	2.97	31.4	0.01	<0.1	0.3	22.5	2.01		
750	6.54	34.903	3.09	31.0	0.01	0.1	0.2	23.9	2.00		
1000	5.16	34.921	3.95	28.0	0.01	0.1	0.3	26.6	1.82		
1000	5.16	34.919	3.95	27.9	0.01	0.1	0.5	26.3	1.80		



CRUISE: 88G5 STATION: B88G05*023*1 DATE: 19OCT88
LATITUDE: 26 33,2 LONGITUDE: 94 46.3



CRUISE: 88G5 STATION: B88G05*023*1 DATE: 19OCT88
LATITUDE: 26 33.2 LONGITUDE: 94 46.3

1516 26 31.7 B88605
CT 88 94 47.1 STATION 24

DEPTH	T	S	DO	NO_3	NO_2	NH_4	UREA	$SiOH_4$	PO_4	CHL	PHAEO
10	26.49	36.242	4.89	<0.1	0.01	<0.1	0.4	1.6	0.02	0.09	0.07
20	26.49	36.265	4.77	<0.1	0.01	<0.1	0.2	1.5	0.02	0.11	0.07
30	26.55	36.604	4.91	<0.1	0.01	<0.1	0.2	0.4	<0.01	0.07	0.06
40	26.44	36.606	4.85	<0.1	0.01	<0.1	0.3	0.7	<0.01	0.08	0.06
50	26.48	36.640	4.92	<0.1	0.01	<0.1	0.4	0.7	<0.01	0.10	0.09
60	23.56	36.520	5.38	<0.1	0.01	0.1	0.6	0.7	<0.01	0.19	0.10
70	22.93	36.533	5.10	<0.1	0.01	<0.1	0.2	0.6	0.01	0.23	0.15
80	22.64	36.537	5.03	<0.1	0.01	<0.1	0.5	0.7	0.01	0.24	0.24
90	22.26	36.534	4.87	<0.1	0.01	<0.1	0.4	0.3	0.01	0.25	0.44
100	21.96	36.530	4.96	<0.1	0.03	<0.1	0.5	0.3	0.02	0.25	0.49
110	21.72										
125	21.42	36.536	4.69	.60	0.08	<0.1	0.4	0.08	0.04	0.09	0.32
150	21.25	36.536	4.60	.60	0.07	<0.1	0.4	0.04	0.05	$\sum_{z=0}^{100m} CHL = 15.4$	
175	20.40	36.536	4.55	1.80	0.03	<0.1	0.4	0.05	0.10		
200	19.68	36.489	3.57	7.30	0.01	<0.1	0.2	1.9	0.40		
200	19.68	36.489	3.54	7.30	0.02	<0.1	<0.1	1.9	0.40		
250	16.85	36.215	2.82	15.00	0.01	<0.1	0.1	5.1	0.86		
400	11.86	35.473	2.54	25.20	0.01	<0.1	0.2	11.5	1.48		
400	11.86	35.474	2.51	25.20	0.01	<0.1	0.3	11.6	1.48		
500	8.26	35.036	2.62	31.00	0.01	<0.1	0.2	18.5	1.89		
700	7.13	34.927	2.85	32.00	0.01	<0.1	0.1	21.5	1.96		
300	6.29	34.899	3.18	31.40	0.02	<0.1	0.2	24.6	1.94		
900	5.64	34.901	3.57	29.80	0.02	<0.1	0.5	25.1	1.87		
900	5.64	34.901		29.80				25.5	1.87		

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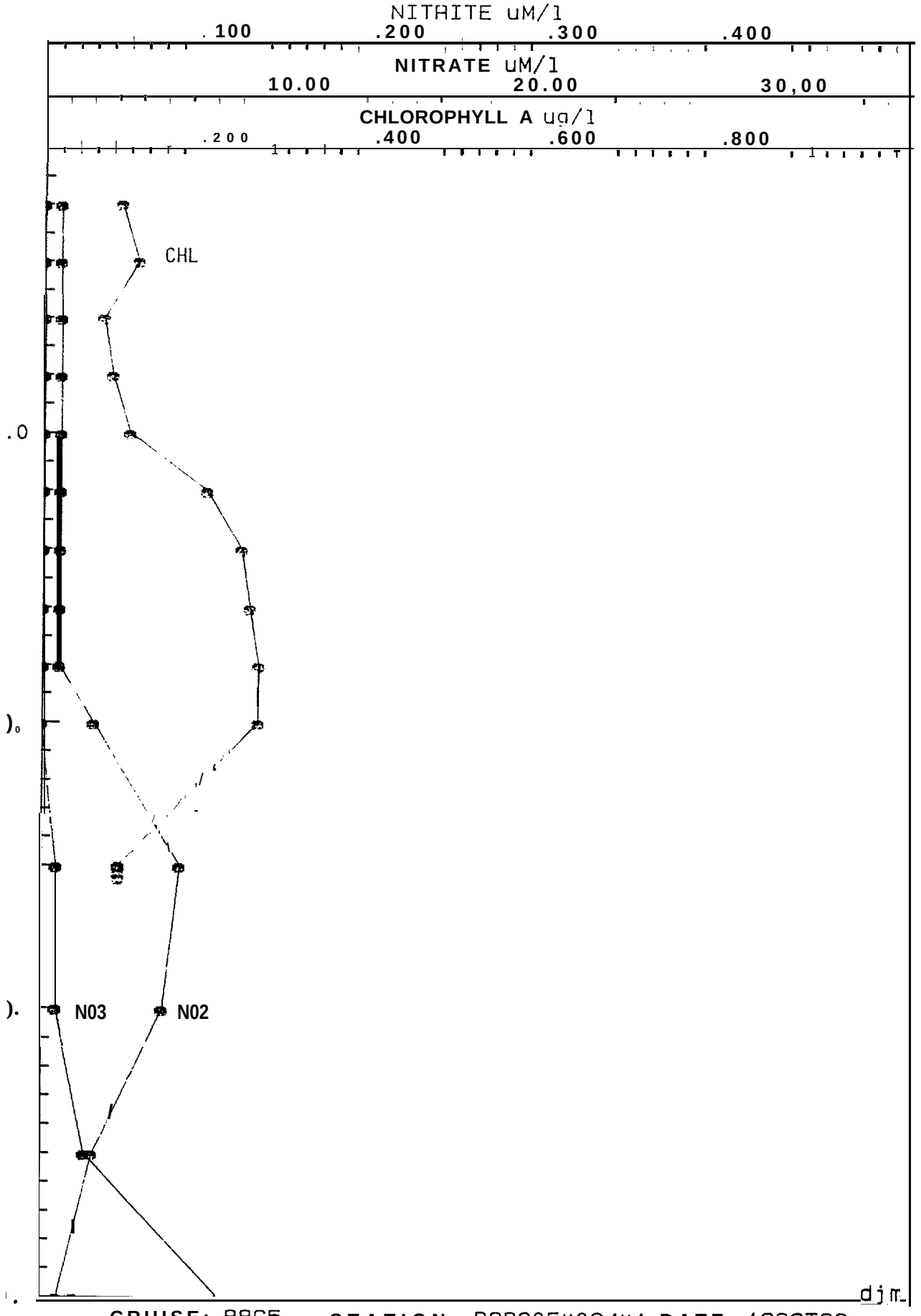
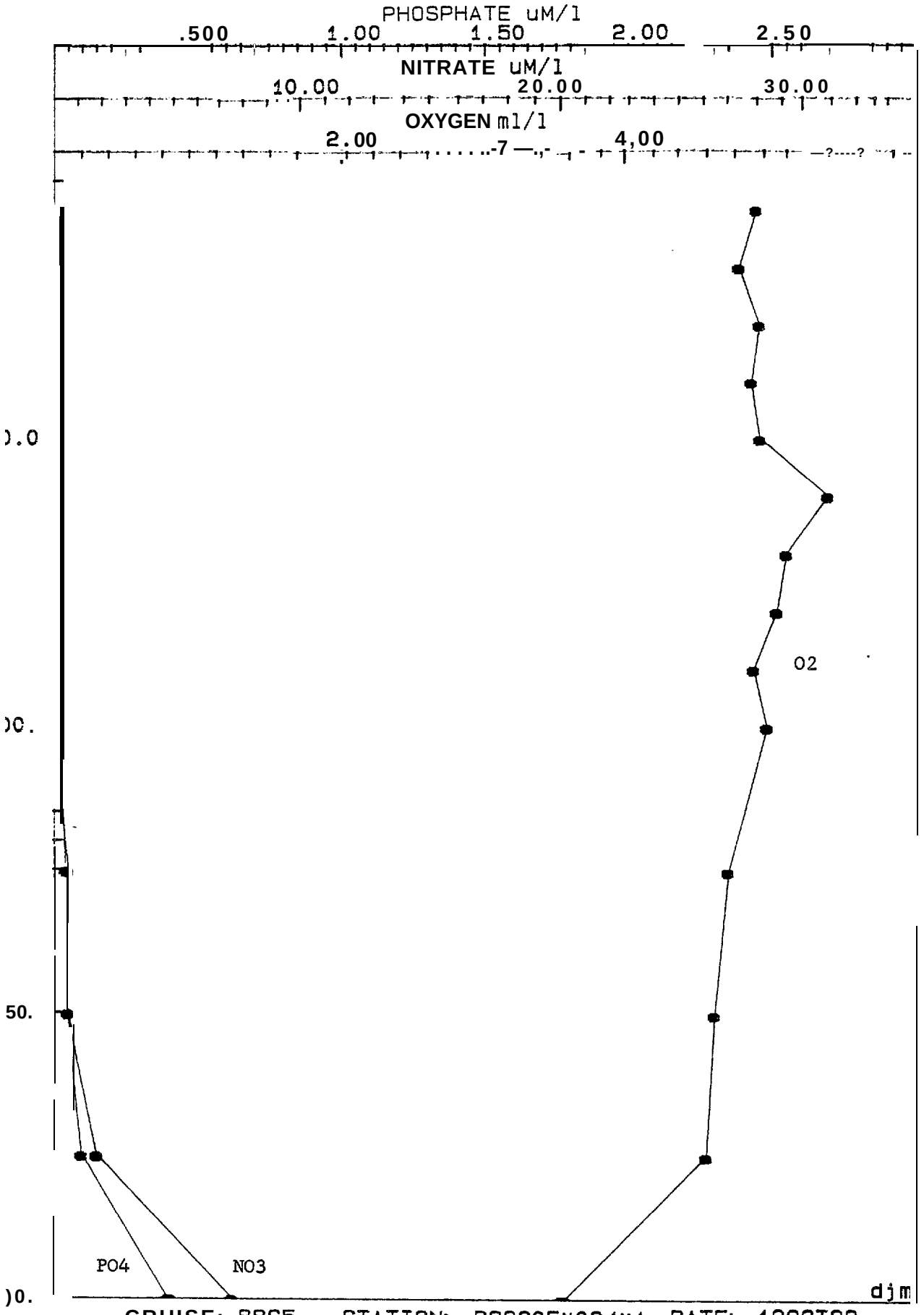


CRUISE: 88G5 STATION: B88G05*024*1 DATE: 19OCT88

LATITUDE: 26 31.7 LONGITUDE: 94 47.1



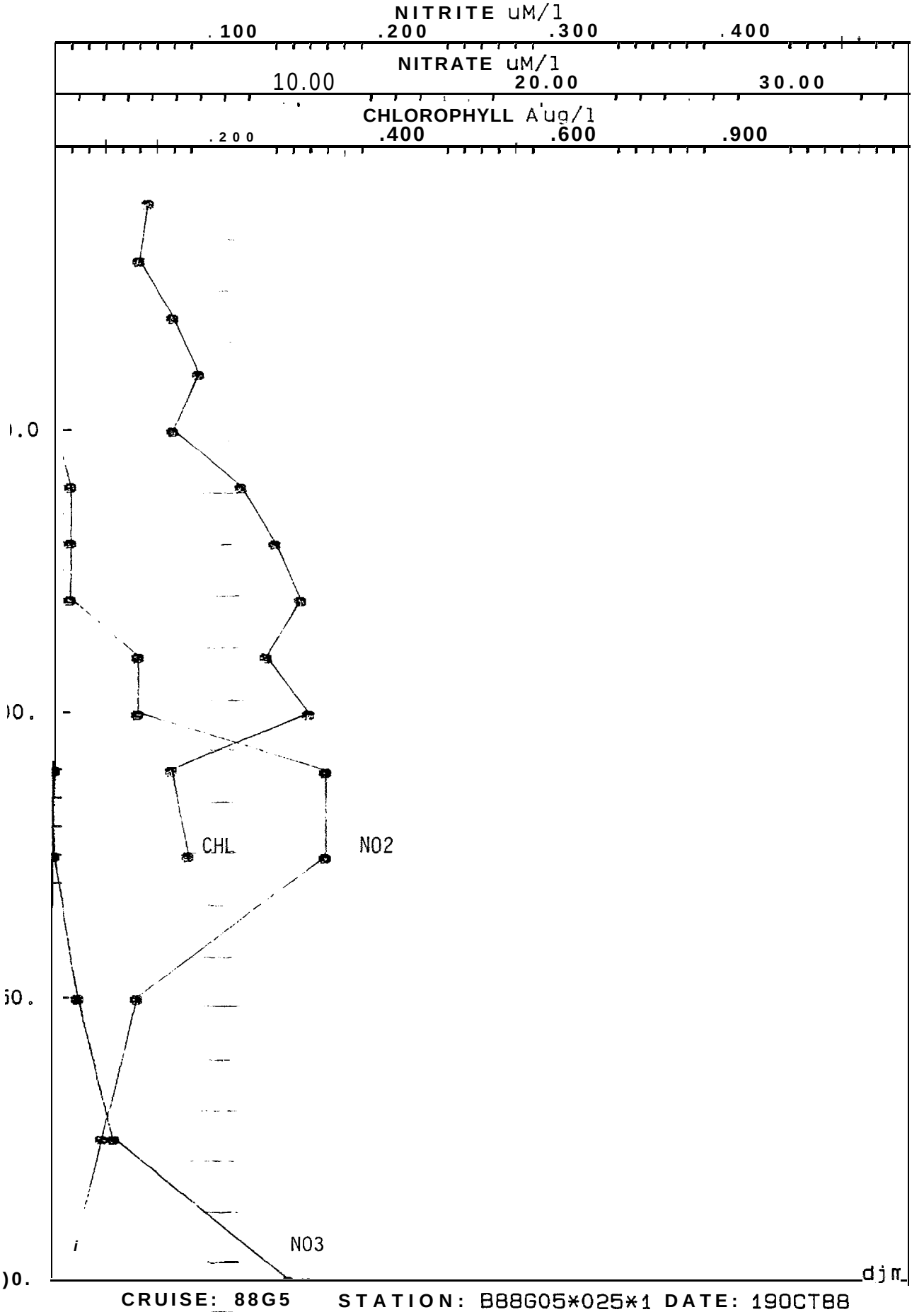
CRUISE: 88G5 STATION: B88G05*024*1 DATE: 19OCT88
LATITUDE: 26 31.7 LONGITUDE: 94 47.1

SMT 2312
19 OCT 88
26 38.9 94 42.7

B88G05
STATION 25

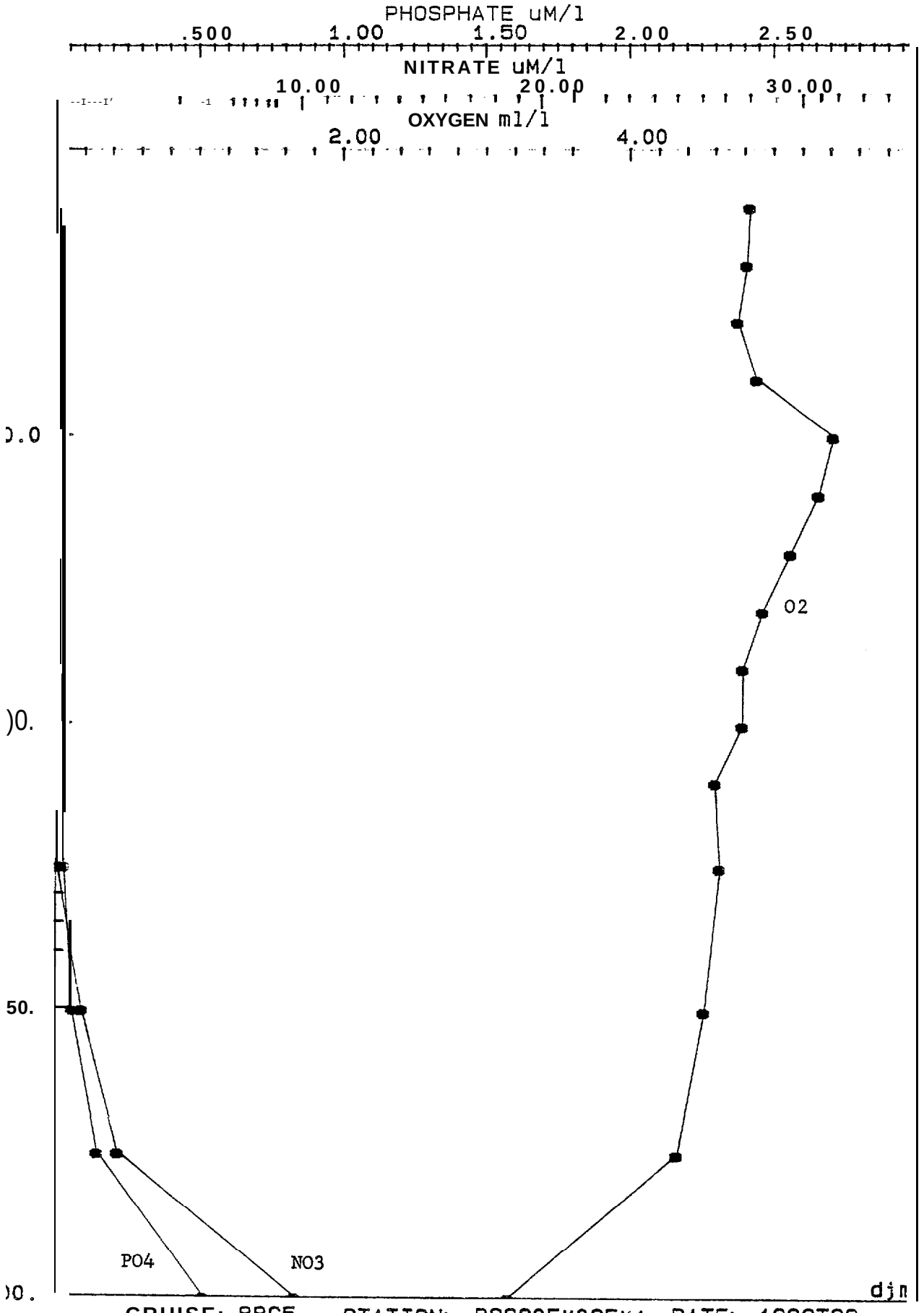
DEPTH	T	S	DO	NO_3	NO_2	NH_4	UREA	$SiOH_4$	PO_4	CHL	PHAEO
10	26.59	36.198	4.83	<0.1	<0.01	<0.1	0.2	1.7	0.02	0.11	0.09
20	26.68	36.197	4.81	<0.1	<0.01	<0.1	0.2	1.7	0.01	0.10	0.08
30	26.75	36.309	4.75	<0.1	<0.01	<0.1	0.1	1.9	0.01	0.14	0.14
40	26.53	36.525	4.88	<0.1	<0.01	<0.1	<0.1	0.7	0.01	0.17	0.17
50	24.72	36.543	5.41	<0.1	<0.01	0.1	0.2	0.3	0.01	0.14	0.12
60	23.68	36.529	5.31	<0.1	0.01	<0.1	0.1	0.6	0.01	0.22	0.09
70	22.96	36.521	5.12	<0.1	0.01	<0.1	0.1	0.7	0.01	0.26	0.17
80	22.52	36.515	4.93	<0.1	0.01	<0.1	0.2	0.6	0.02	0.29	0.32
90	22.12	36.519	4.79	<0.1	0.05	<0.1	0.2	0.6	0.02	0.25	0.45
100	21.71	36.518	4.79	<0.1	0.05	<0.1	0.1	0.6	0.02	0.30	0.51
110	21.52	36.530	4.60	0.1	0.16	<0.1	<0.1	0.6	0.03	0.14	0.38
125	21.35	36.530	4.63	0.1	0.16	<0.1	0.1	0.5	0.03	0.16	0.36
150	20.76	36.537	4.53	1.1	0.05	<0.1	<0.1	0.4	0.06	$\sum_{z=0}^{100m} CHL$	=18.8
175	19.90	36.505	4.34	2.6	0.03	<0.1	<0.1	0.3	0.15		
200	19.03	36.488	3.17	9.8	0.01	<0.1	0.2	2.3	0.52		
250	16.33	36.163	2.80	15.6	<0.01	<0.1	<0.1	4.8	0.86		
300	14.24	35.851	2.66	19.8	<0.01	<0.1	<0.1	7.1	1.14		
400	11.77	35.465	2.52	25.2	<0.01	<0.1	<0.1	11.1	1.64		
400	11.77	35.465	2.54	25.2	0.01	<0.1	0.4	11.1	1.65		
600	8.29	35.018	2.61	31.3	<0.01	<0.1	0.1	19.0	1.84		
700	7.15	34.926	2.87	31.9	<0.01	<0.1	<0.1	21.9	1.91		
799	6.26	34.897	3.21	31.1	<0.01	<0.1	<0.1	24.1	1.89		
900	5.64	34.904	3.54	29.9	0.01	<0.1	<0.1	24.9	1.83		
1000	5.17	34.902	3.65	29.9	0.01	<0.1	0.4	25.0	1.82		

* = possible double-trip of bottles 15 and 16 at 90 m



CRUISE: 88G5 STATION: B88G05*025*1 DATE: 19OCT88

LATITUDE: 26 38.9 LONGITUDE: 94 42.7

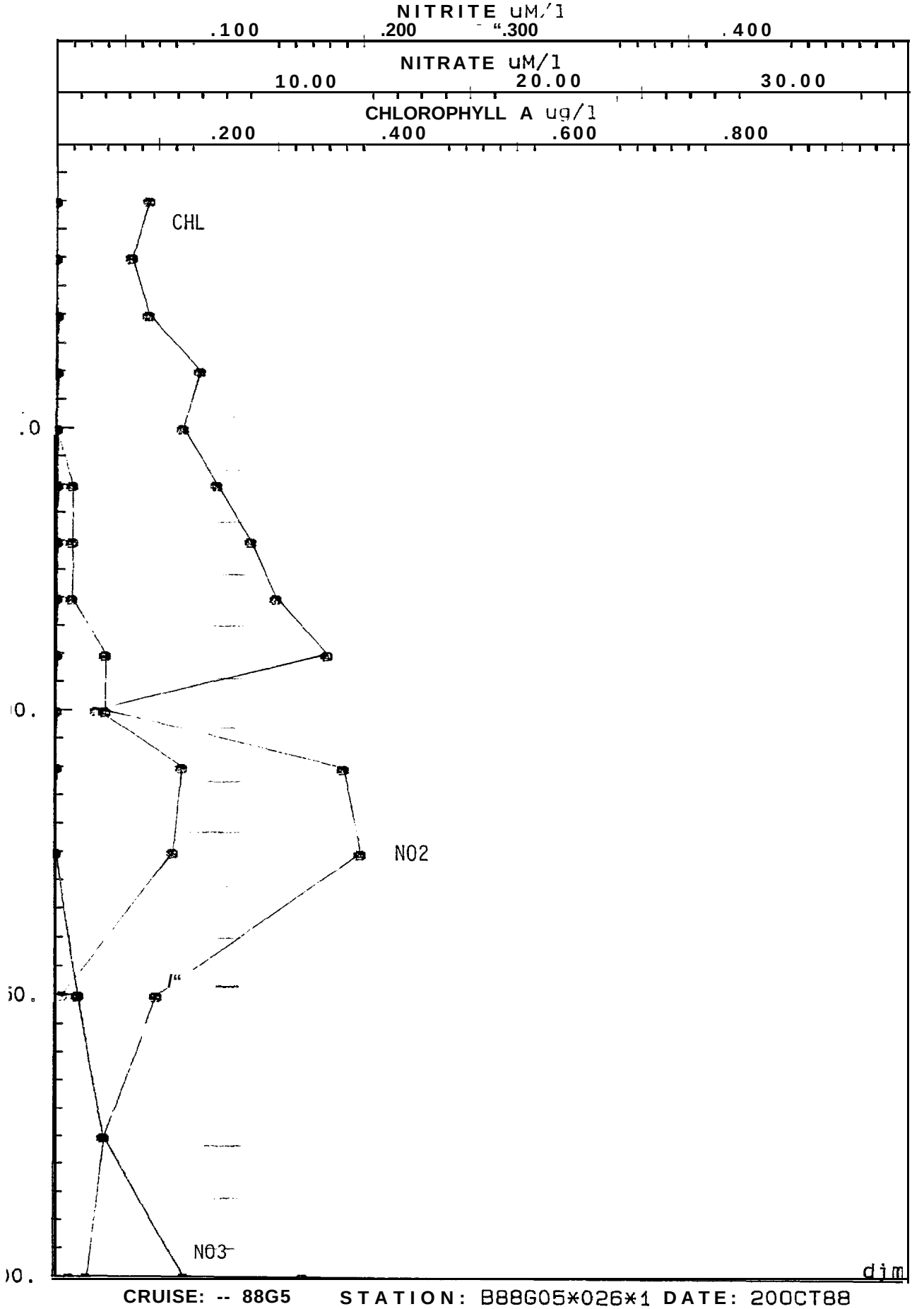


CRUISE: 88G5 STATION: B88G05*025*1 DATE: 19OCT88

LATITUDE: 26 38.9 LONGITUDE: 94 42.7

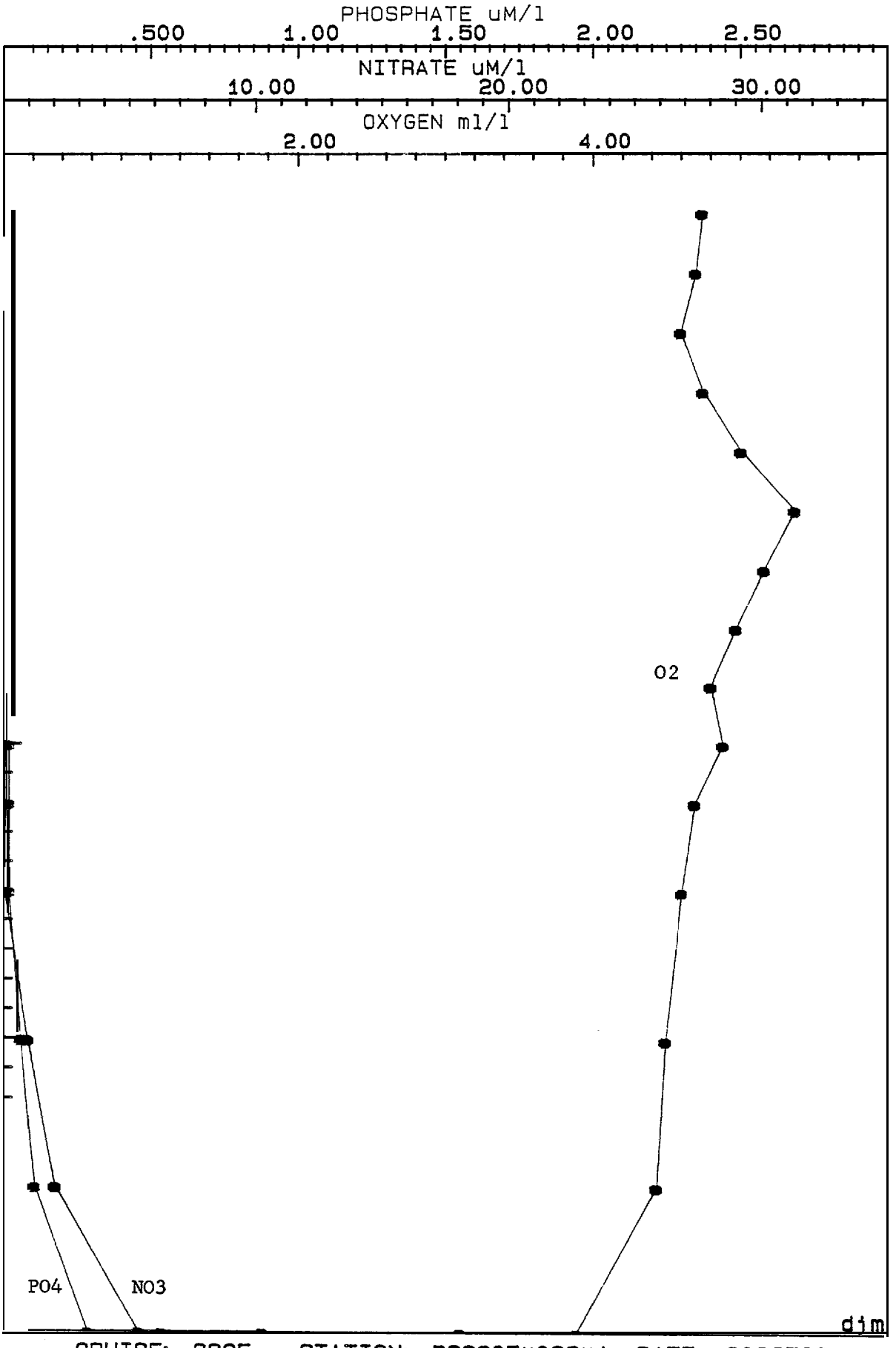
T 0411 26 35.9 BEBEOS
OCT 88 94 42.7 STATION 26

E DEPTH	T	S	DO	NO_3	NO_2	NH_4	UREA	$SiOH_4$	PO_4	CHL	PHAEO
10	26.65	36.191	4.74	<0.1	<0.01	0.1	0.4	2.1	0.02	0.11	0.07
20	26.61	36.175	4.70	<0.1	<0.01	0.1	0.4	2.1	0.02	0.09	0.10
30	26.65	36.198	4.60	0.1	<0.01	0.1	0.1	1.9	0.02	0.11	0.11
40	26.62	36.507	4.75	0.1	<0.01	0.1	0.3	1.1	0.01	0.17	0.10
50	25.50	36.585	5.00	0.1	<0.1	0.1	0.1	1.1	0.01	0.15	0.15
60	23.81	36.523	5.37	0.1	0.01	0.1	0.3	1.0	0.01	0.19	0.10
70	23.12	36.527	5.12	0.1	0.01	0.1	0.5	1.1	0.01	0.23	0.15
80	22.61	36.519	5.00	0.1	0.01	0.1	0.4	0.6	0.01	0.26	0.22
90	22.18	36.527	4.80	0.1	0.03	0.1	0.2	1.0	0.02	0.32	0.46
100	21.93	36.528	4.89	0.1	0.03	0.1	0.5	0.6	0.02	0.05	0.68
110	21.59	36.530	4.70	0.1	0.17	0.1	0.3	0.6	0.02	0.15	0.42
125	21.36	36.531	4.61	0.1	0.18	0.1	0.3	0.6	0.02	0.14	0.47
150	20.88	36.535	4.50	1.0	0.06	0.1	0.1	0.6	0.10	0.01	0.34
175	19.90	36.525	4.44	2.1	0.03	0.1	0.7	1.1	0.11	$\sum_{i=0}^{100m} CHL = 17.1$	
200	18.97	36.479	3.90	5.4	0.02	0.1	0.2	1.9	0.29		
200	18.97	36.473	3.11	10.3	0.01	0.1	0.2	3.0	0.54		
300	14.37	35.859	2.66	19.6	0.01	0.1	0.4	7.5	1.15		
400	11.70	35.438	2.53	25.0	0.01	0.1	<0.1	11.7	1.50		
500	9.56	35.165	2.54	28.4	0.01	<0.1	0.4	15.7	1.75		
600	8.19	35.016	2.61	30.0	0.01	<0.1	0.4	18.8	1.88		
700	7.14	34.925	2.87	30.7	0.01	<0.1	0.2	22.0	1.94		
800	6.19	34.898	3.22	29.8	0.01	<0.1	0.6	24.4	1.93		
900	5.63	34.905	3.54	28.7	0.01	<0.1	0.5	25.5	1.85		
900	5.63	34.901	3.54	28.7	0.01	<0.1	0.2	25.8	1.85		



CRUISE: -- 88G5 STATION: B88G05*026*1 DATE: 20OCT88

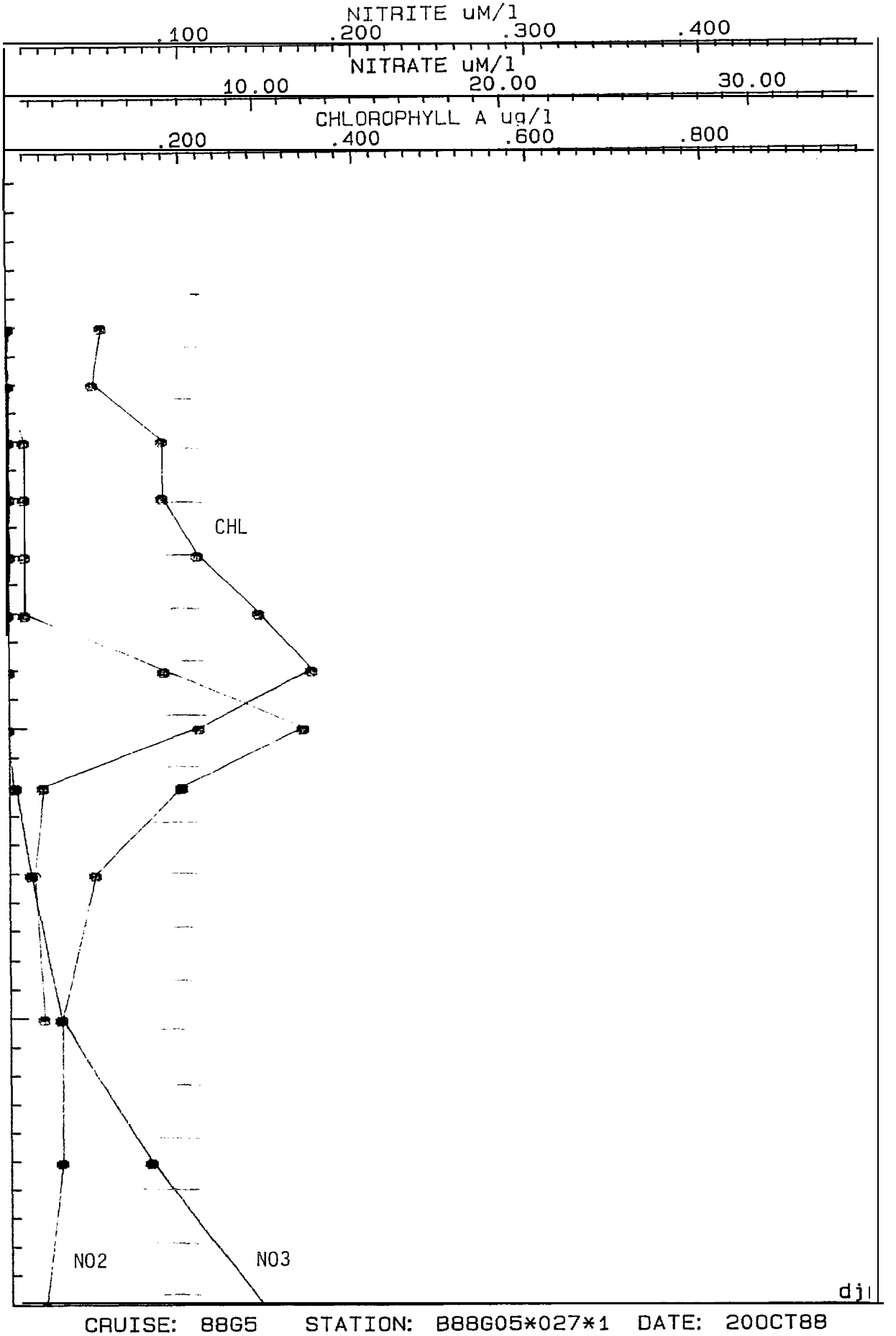
LATITUDE: 26 35.9 LONGITUDE: 94 42.7'



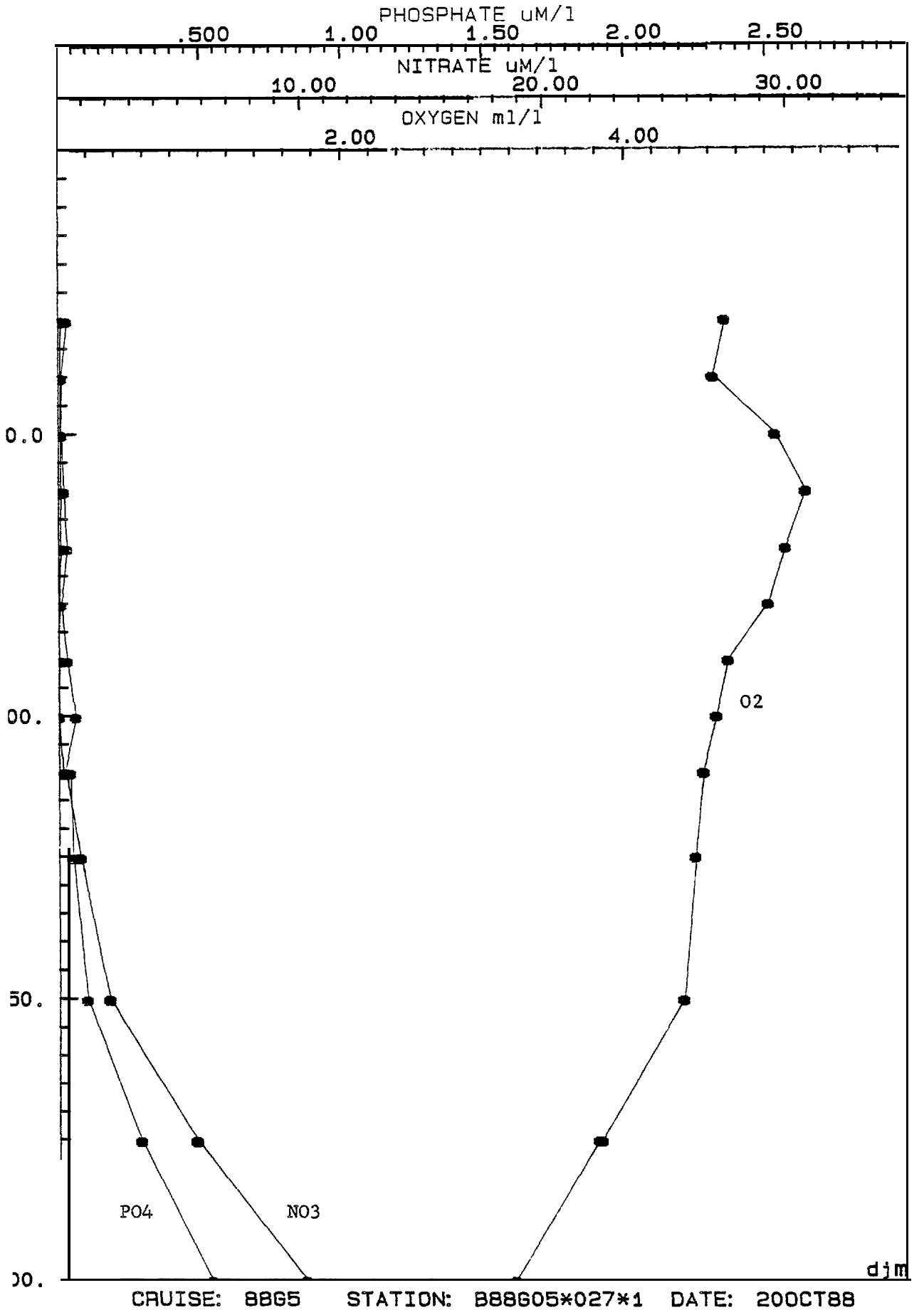
CRUISE: 88G5 STATION: B88G05*026*1 DATE: 20OCT88
LATITUDE: 26 35.9 LONGITUDE: 94 42.7

GMT 1645 26 31.9 BBBG05
20 OCT 88 94 39.3 STATION 27

.E	DEPTH	T	S	DO	NO_3	NO_2	NH_4	UREA	$SiOH_4$	PO_4	CHL	PHAEO
	30	26.56	36.475	4.71	0.1	<0.01	<0.1	0.2	2.2	0.03	0.11	0.12
	40	26.23	36.506	4.63	0.1	<0.01	<0.1	0.3	1.9	0.01	0.10	0.06
	50	24.93	36.558	5.06	0.1	0.01	<0.1	0.2	1.9	0.01	0.18	0.09
	60	23.86	36.534	5.28	0.1	0.01	<0.1	0.1	1.9	0.02	0.18	0.09
	70	23.20	36.507	5.13	0.1	0.01	<0.1	0.2	1.9	0.03	0.22	0.13
	80	22.50	36.519	5.01	<0.1	0.01	<0.1	0.1	1.8	0.01	0.29	0.25
	90	22.14	36.513	4.73	<0.1	0.09	<0.1	0.3	1.8	0.03	0.35	0.46
	100	21.85	36.521	4.65	<0.1	0.17	<0.1	0.1	2.5	0.06	0.22	0.51
	110	21.58	36.531	4.56	0.2	0.10	<0.1	0.1	1.6	0.02	0.04	0.38
	110	21.58	36.527	4.56	0.3	0.10	<0.1	0.1	1.7	0.04	0.04	0.40
	125	21.39	36.536	4.50	0.9	0.05	<0.1	<0.1	1.7	0.05	0.03	0.34
	150	21.07	36.520	4.42	2.1	0.03	<0.1	0.1	1.9	0.10	0.04	0.10
	175	20.00	36.453	3.84	5.7	0.03	<0.1	0.1	3.1	0.29	$\sum_{z=0}^{100m} CHL$	= 18.0
	175	20.00	36.454	3.82	5.7	0.03	<0.1	0.2	3.1	0.29		
	200	18.87	36.469	3.23	10.2	0.02	<0.1	0.1	4.5	0.54		
	250	16.46	36.151	2.81	16.0	0.01	<0.1	0.1	6.9	0.89		
	300	14.47	35.819	2.65	20.0	0.01	<0.1	0.1	9.7	1.12		
	500	9.64	35.178	2.50	29.8	0.01	<0.1	0.1	17.4	1.76		
	600	8.22	35.014	2.64	32.0	0.01	<0.1	0.1	21.1	1.90		
	600	8.22	35.013	2.65	32.0	0.01	<0.1	0.1	21.1	1.90		
	700	7.03	34.897	3.25	31.5	0.01	0.05	0.2	26.2	1.93		
	800	6.13	34.905	3.61	30.1	0.01	0.05	0.1	27.1	1.86		
	900	5.60	34.925	3.96	28.4	0.01	0.05	0.05	27.6	1.74		



CRUISE: 88G5 STATION: B88G05*027*1 DATE: 20OCT88
LATITUDE: 26 31.9 LONGITUDE: 94 39.3



CRUISE: 88G5 STATION: B88G05*027*1 DATE: 20OCT88
LATITUDE: 26 31.9 LONGITUDE: 94 39.3

GMT 1625
20 Oct 88

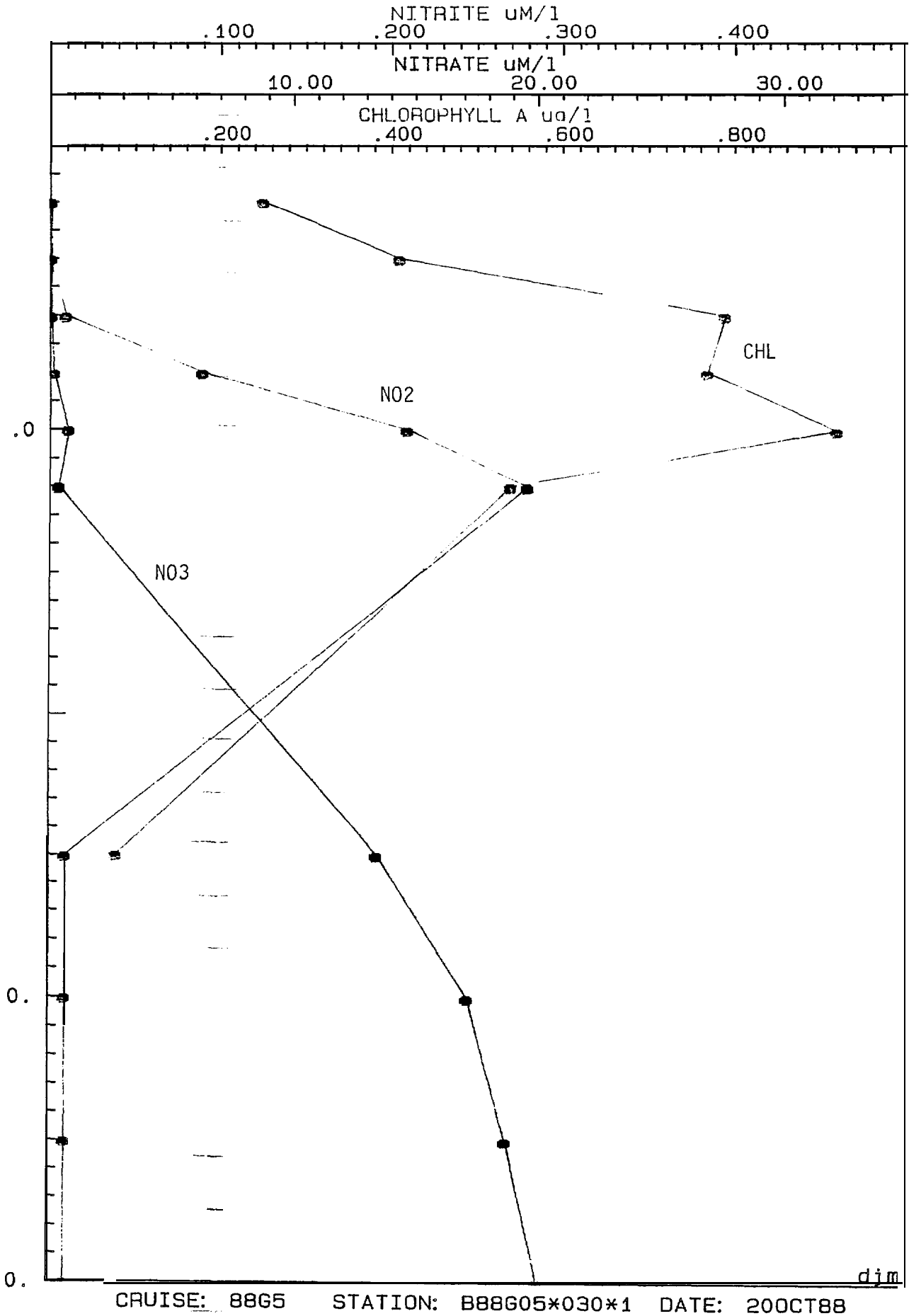
26 59.9 94 44.4

B 88G05
Station 28

LE	DEPTH	T	S	DO	NO_3	NO_2	NH_4	UREA	$SiOH_4$	PO_4	CHL	PHAEO
	200	17.72	36.354	2.87	13.0	<0.01	<0.1	0.1	5.4	0.67		
	250	15.30	36.030	2.73	17.8	<0.01	<0.1	0.1	8.0	0.97		
	301	13.72	35.732	2.58	21.8	<0.01	<0.1	0.1	10.4	1.22		
	401	11.41	35.408	2.48	26.5	<0.01	<0.1	0.1	14.8	1.50		
	500	10.00	35.230	2.51	28.9	<0.01	<0.1	0.1	16.7	1.65		
	600	8.22	35.015	2.63	31.7	<0.01	<0.1	0.02	20.8	1.86		
	700	7.07	34.925	2.86	32.3	<0.01	<0.1	0.03	23.9	1.89		
	799	6.18	34.891	3.21	31.3	<0.01	<0.1	0.1	26.0	1.89		
	900	5.53	34.907	3.61	29.9	<0.01	<0.1	0.3	27.3	1.80		
	991	5.07	34.923	3.93	28.4	0.01	<0.1	0.1	27.8	1.72		
	1151	4.65	34.946	4.34	26.4	0.01	<0.1	0.1	27.7	1.60		
	1300	4.41	34.959	4.60	25.3	0.01	<0.1	0.2	27.7	1.54		

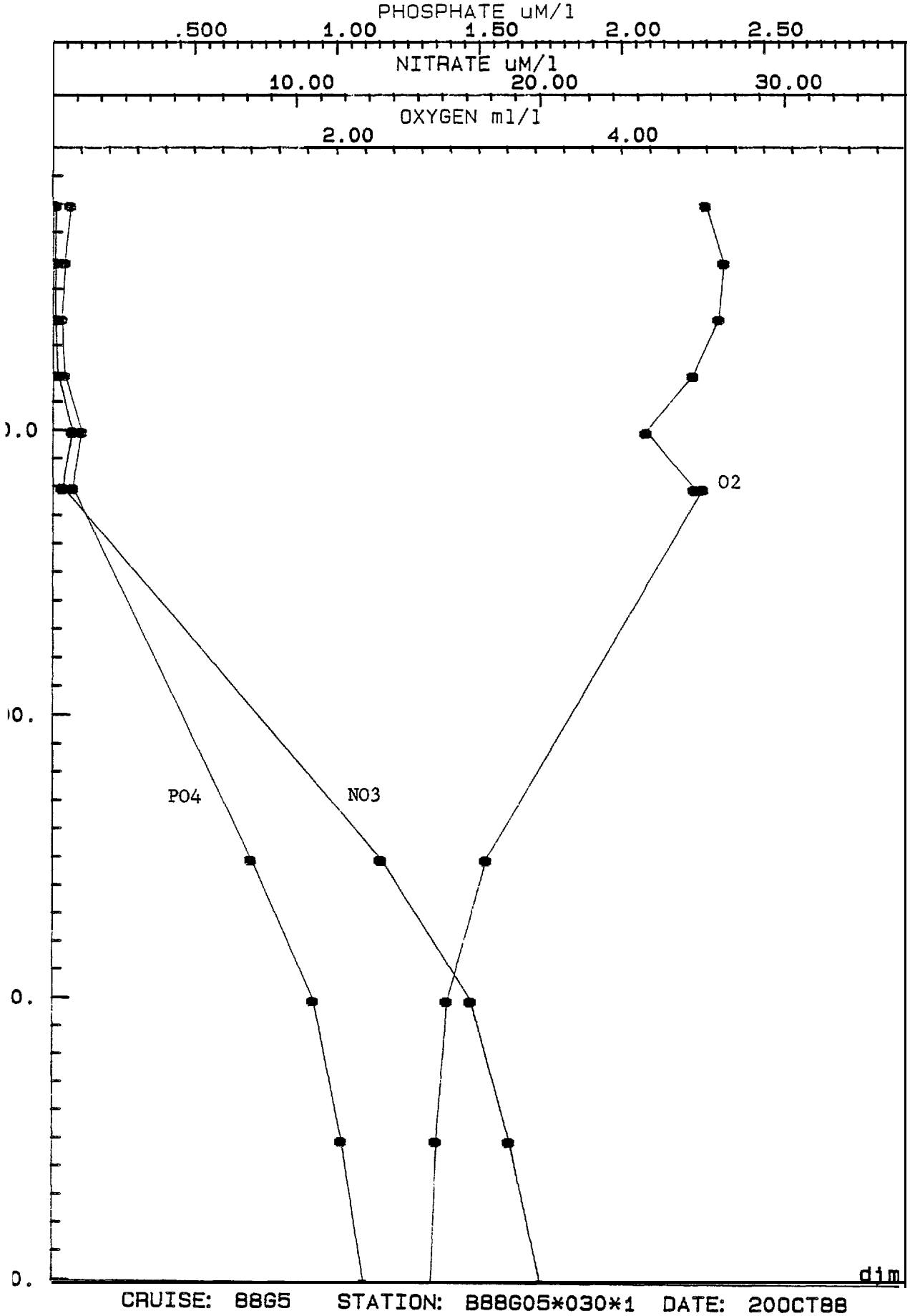
NT 2335 B88605 27 40.3
0 OCT 88 STATION 30 44 44 S

DEPTH	T	S	DO	NO_3	NO_2	NH_4	UREA	$SiOH_4$	PO_4	CHL	PHAEO
10	26.85	35.721	4.59	0.1	<0.01	<0.1	0.2	2.7	0.06	0.25	0.09
20	26.80	35.785	4.72	0.1	<0.01	<0.1	<0.1	2.4	0.04	0.41	0.09
30	26.79	36.240	4.69	0.1	0.01	<0.1	0.2	1.9	0.03	0.79	0.21
40	26.64	36.351	4.51	0.2	0.09	<0.1	0.3	2.1	0.04	0.77	0.26
50	25.88	36.437	4.17	0.8	0.21	<0.1	0.3	2.4	0.10	0.92	0.11
60	24.53	36.491	4.51	0.4	0.28	<0.1	0.2	1.1	0.07	0.54	0.39
60	24.53	36.493	4.58	0.4	0.28	<0.1	0.2	0.9	0.07	0.54	0.40
125	17.80	36.301	3.05	13.5	0.01	<0.1	0.2	3.7	0.7	0.08	0.05
150	16.07	36.082	2.78	17.2	0.01	<0.1	0.3	5.3	0.92	$\sum_{z=0}^{100m} CHL = 53.5$	
175	15.20	35.966	2.71	18.8	0.01	<0.1	<0.1	6.4	1.02		
200	14.45	35.875		20.1	0.01	<0.1	<0.1	6.0	1.10		
275	12.43	35.534	2.57	24.8	0.01	<0.1	<0.1	10.2	1.40		
275	12.43	35.534	2.53	24.8	0.01	<0.1	<0.1	10.2	1.40		
324	10.99	35.367	2.48	27.1	0.01	<0.1	<0.1	12.2	1.54		
324	10.99	35.362	2.48	27.0	0.01	<0.1	<0.1	12.4	1.55		
324	10.99	35.361	2.48	27.0	0.01	<0.1	0.1	12.6	1.55		
324	10.99	35.360	2.48	27.2	0.01	<0.1	0.2	12.9	1.55		
359	10.39	35.259	2.49	28.7	0.01	<0.1	0.2	14.2	1.64		
359	10.39	35.258	2.48	28.7	0.02	<0.1	0.2	14.3	1.63		



CRUISE: 88G5 STATION: B88G05*030*1 DATE: 20OCT88

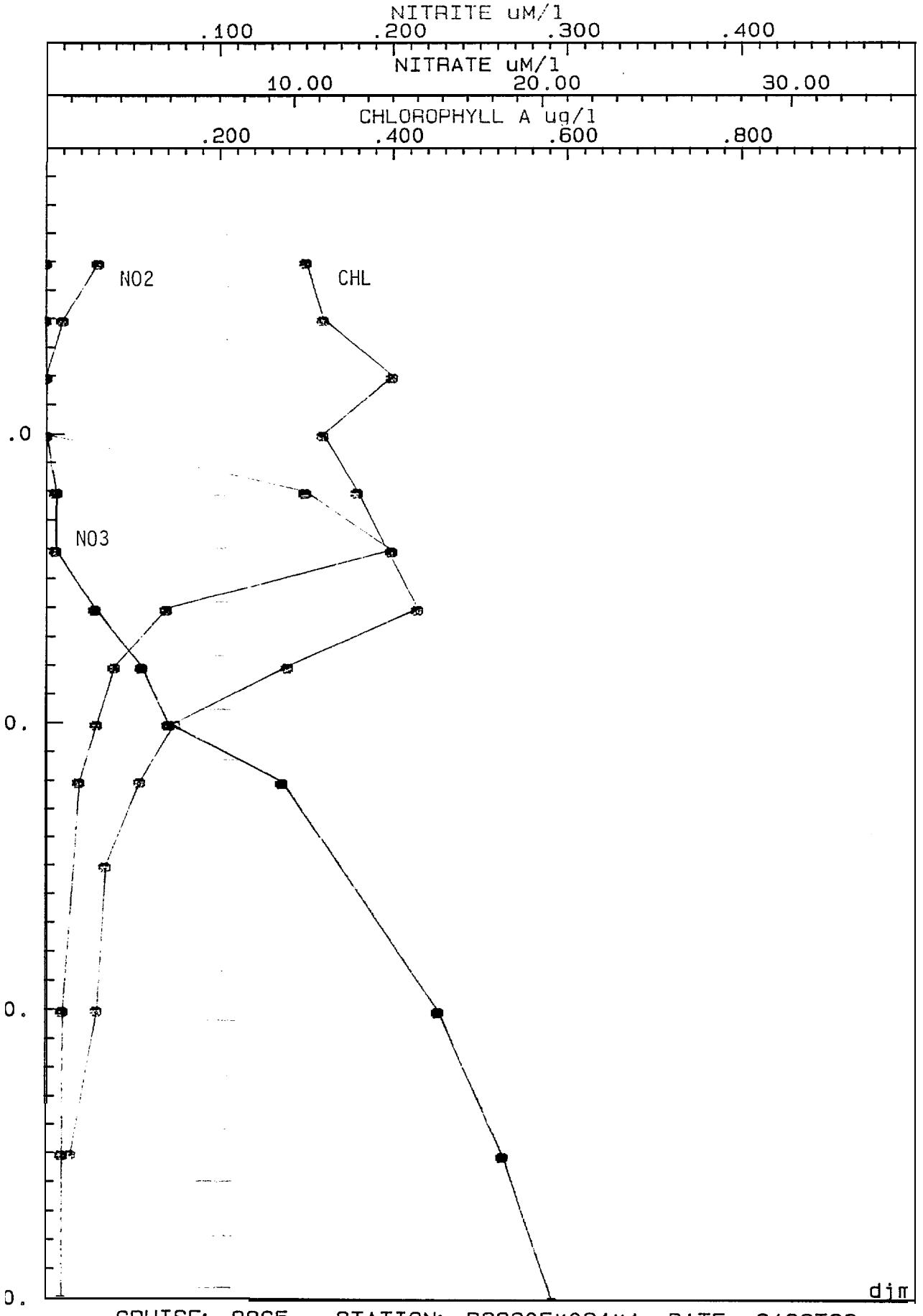
LATITUDE: 27 40.3 LONGITUDE: 94 44.5



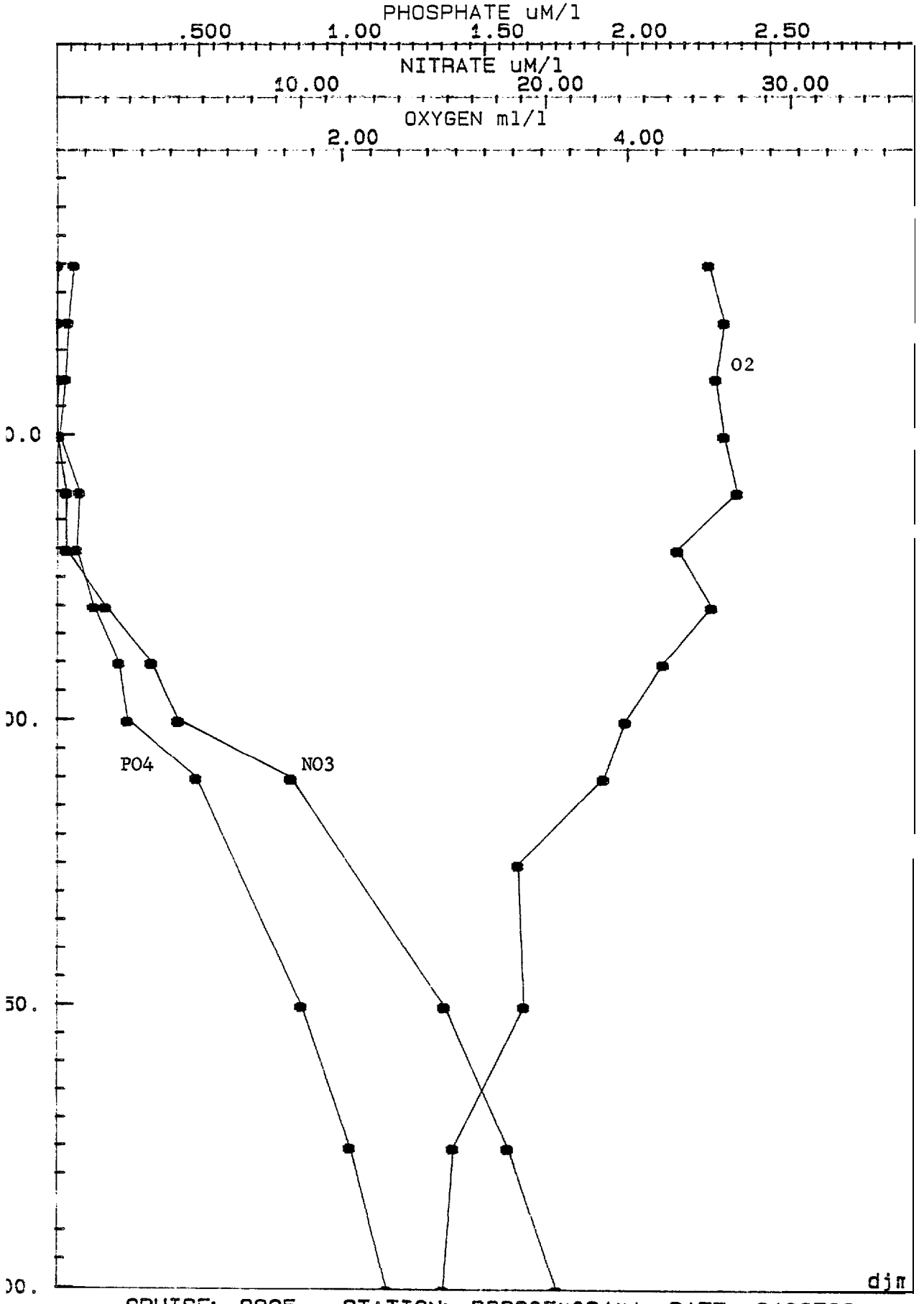
CRUISE: 88G5 STATION: B88G05*030*1 DATE: 20OCT88
LATITUDE: 27 40.3 LONGITUDE: 94 44.5

GMT 0525 2742.2 88605
21 OCT 88 95 29.9 STATION 31

DEPTH	T	S	DO	NO_3	NO_2	NH_4	UREA	$SiOH_4$	PO_4	CHL	PHAEO
20	26.69	35.825	4.57	<0.1	0.03	0.1	0.2	2.9	0.06	0.30	0.14
30	26.74	36.003	4.68	<0.1	0.01	0.1	0.2	1.9	0.04	0.32	0.17
40	26.83	36.336	4.62	<0.1	<0.01	<0.1	0.03	1.0	0.03	0.40	0.20
50	26.76	36.450	4.67	<0.1	<0.01	0.1	0.1	0.6	0.01	0.32	0.21
60	26.29	36.455	4.77	0.4	0.15	<0.1	0.1	1.7	0.08	0.36	0.20
70	24.52	36.455	4.35	0.4	0.20	0.1	0.1	1.0	0.07		
80	22.79	36.473	4.59	2.0	0.07	<0.1	0.1	1.2	0.13	0.43	0.59
90	21.80	36.472	4.25	3.9	0.04	0.1	0.03	1.5	0.22	0.28	0.40
100	20.75	36.463	3.99	5.0	0.03	<0.1	0.03	1.5	0.25	0.15	0.26
110	20.02	36.435	3.83	9.6	0.02	0.1	0.03	2.6	0.49	0.11	0.24
125	19.13	36.420	3.24								0.14
150	18.00	36.420	3.28	15.9	0.01	0.1	0.01	5.0	0.86	0.06	0.12
175	16.16	36.157	2.79	18.5	0.01	0.1	0.03	6.2	1.03	0.03	0.03
200	15.04	35.976	2.72	20.5	0.01	0.1	0.1	7.4	1.16	$\sum_{i=0}^{100m} CHL = 33.3$	
225	13.94	35.837	2.63	22.3	<0.01	0.1	0.2	8.6	1.27		
250	13.34	35.708	2.55	23.6	0.01	0.1	0.01	9.7	1.35		
275	12.84	35.609	2.55	25.1	<0.01	0.1	0.1	11.1	1.46		
300	11.89	35.500	2.53								
350	10.95	35.362	2.51	27.1	<0.01	LO,]	0.1	12.8	1.58		
375	10.72	35.313	2.50	27.9	0.01	0.1	0.1	13.4	1.65		
400	10.39	35.249	2.51	28.5	0.01	<0.1	0.1	14.1			
495	9.37	35.143	2.52	30.1	0.01	<0.1	0.01	16.2	1.77		
495	9.37	35.143	2.51	30.1	0.01	<0.1	0.1	16.2	1.75		



CRUISE: 88G5 STATION: B88G05*031*1 DATE: 21OCT88
LATITUDE: 27 42.2 LONGITUDE: 95 29.9

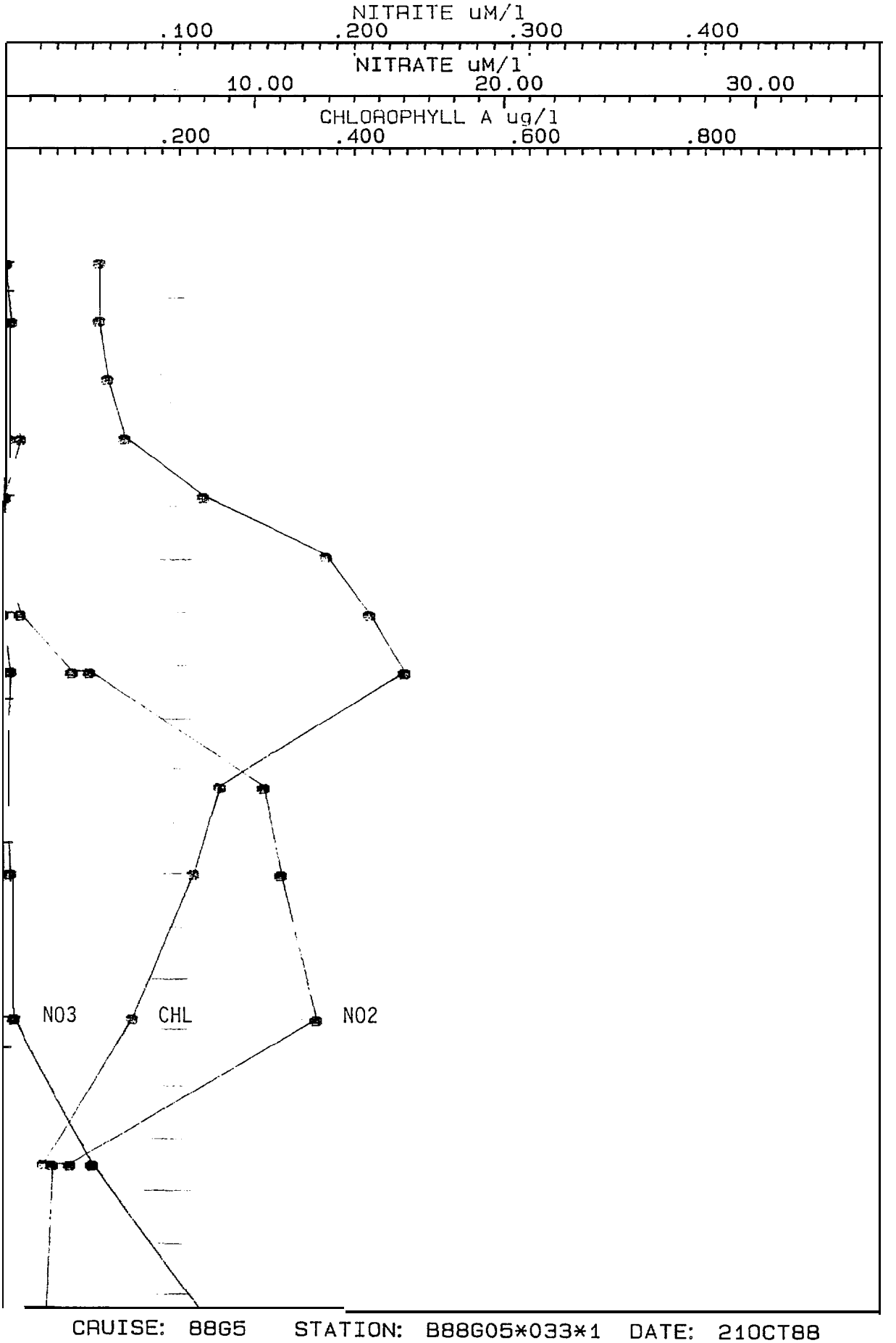


CRUISE: 88G5 STATION: B88G05*031*1 DATE: 21OCT88
LATITUDE: 27 42.2 LONGITUDE: 95 29.9

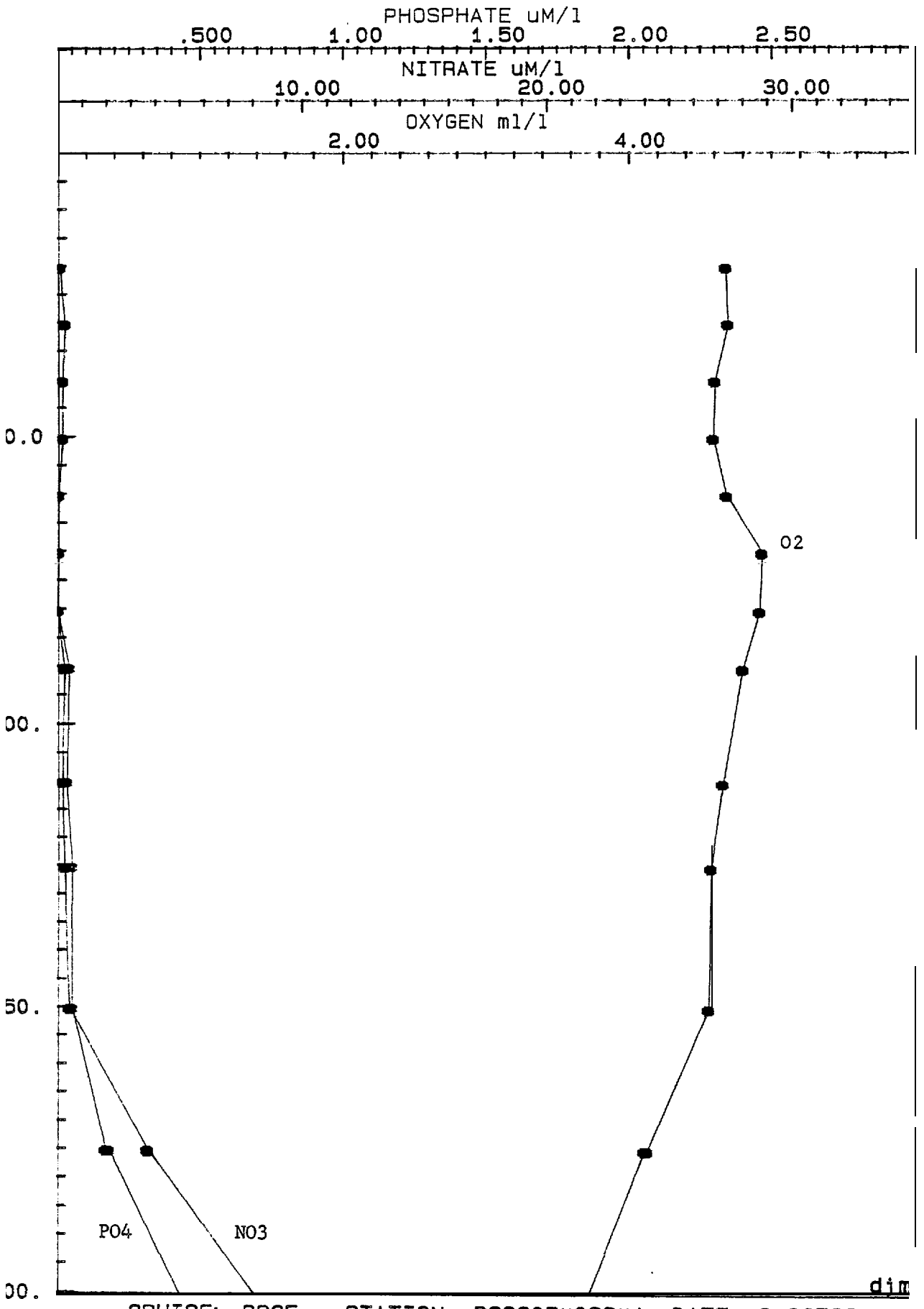
GMT 1036
21 Oct 88 27 2.3 95 29.9

B88G05
Station 33

DEPTH	T	S	DO	NO_3	NO_2	NH_4	UREA	$SiOH_4$	PO_4	CHL	PHAEO
20	26.53	36.402	4.68	0.1	<0.01	<0.1	0.4	1.7	<0.01	0.11	0.07
30	26.57	36.401	4.70	0.3	<0.01	<0.1	0.5	1.5	<0.01	0.11	0.06
40	26.54	36.403	4.61	0.2	<0.01	<0.1	0.3	1.5	<0.01	0.12	0.03
50	26.32	36.437	4.60	0.2	0.01	<0.1	0.2	1.2	<0.01	0.14	0.06
60	24.87	36.478	4.69	<0.1	<0.01	<0.1	0.4	1.2	<0.01	0.23	0.10
70	23.65	36.504	4.93	<0.1	<0.01	<0.1	0.3	1.5	<0.01	0.37	0.23
80	22.68	36.508	4.91	<0.1	0.01	<0.1	0.2	1.4	<0.01	0.42	0.33
90	22.15	36.508	4.80	0.3	0.04	<0.1	0.5	1.3		0.46	0.52
90	22.15	36.510	4.80	0.3	0.05	<0.1	0.7	1.3	0.04	0.46	0.58
110	21.47	36.511	4.66	0.2	0.15	<0.1	0.3	1.3	0.03	0.25	0.36
125	21.20	36.510	4.58	0.3	0.16	<0.1	0.2	1.4	0.05	0.22	0.38
150	20.56	36.527	4.56	0.5	0.18	<0.1	0.1	1.1	0.05	0.15	0.38
175	19.93	36.477	4.13	3.7	0.04	<0.1	0.1	1.9	0.17	0.13	0.07
175	19.93	36.477	4.12	3.7	0.03	<0.1	0.1	1.8	0.18	$\sum_{z=0}^{100m} CHL = 23.0$	
250	16.10	36.118	2.93	16.6	0.02	<0.1	0.2	6.1	0.91		
400	11.39	35.419	2.59	25.8	0.01	<0.1	0.1	12.6	1.51		
500	9.51	35.160	2.52	29.2	0.01	<0.1	0.2	16.7	1.75		
600	8.13	35.003	2.65	30.8	0.01	<0.1	0.1	19.8	1.88		
700	6.98	34.923	3.01	31.2	0.02	0.1	0.2	22.6	1.92		
800	6.56	34.905	3.04	31.1	0.02	0.1	0.1	23.7	1.93		
800	6.56	34.901	3.39	30.0	0.02	0.1	0.2	25.1	1.88		
1000	5.30	34.915	3.75	28.6	0.02	0.1	0.1	26.2	1.80		
1000	5.30	34.915	3.77	28.7	0.02	0.1	0.3	26.2	1.79		



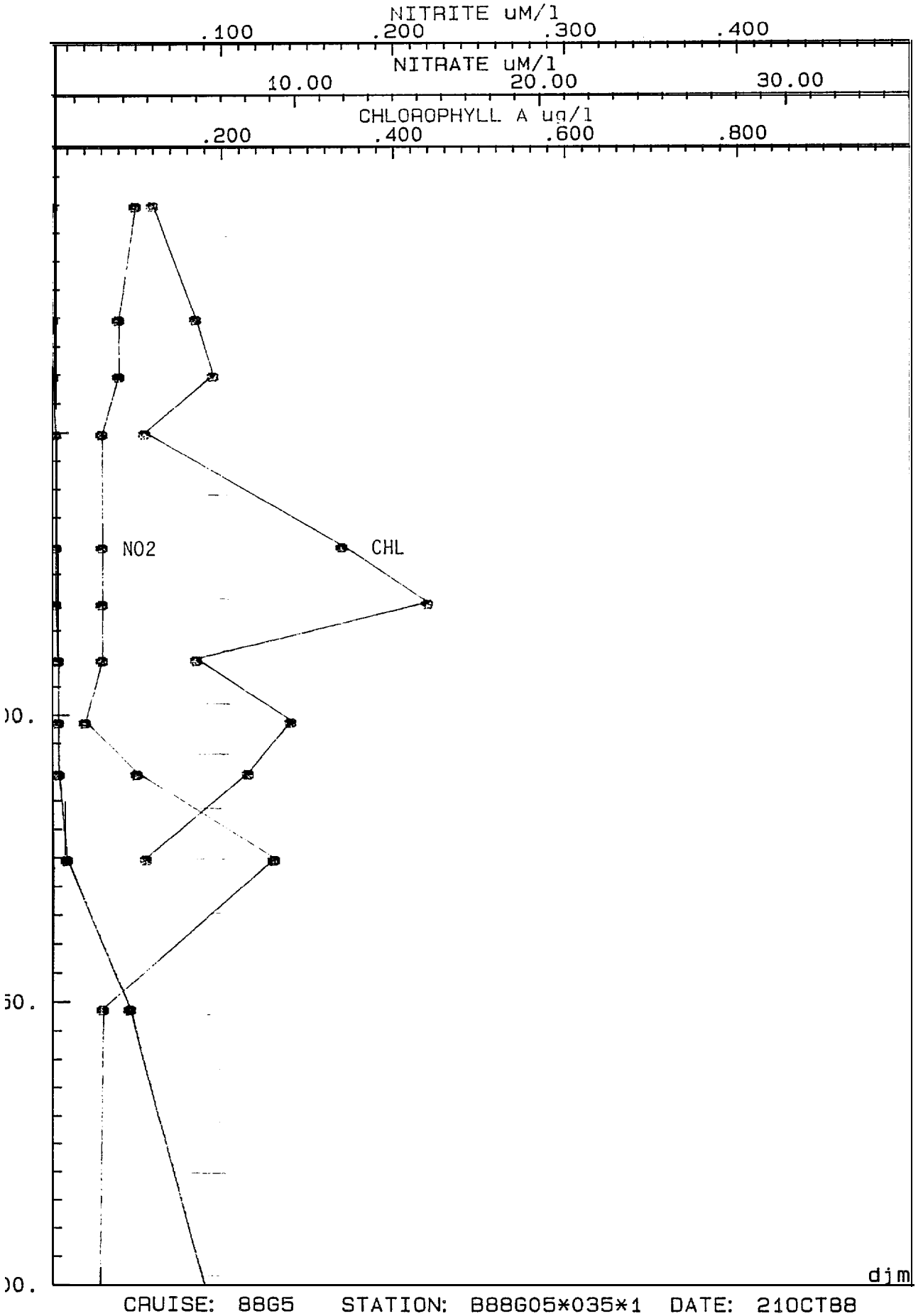
CRUISE: 88G5 STATION: B88G05*033*1 DATE: 21OCT88
LATITUDE: 27 2.3 LONGITUDE: 95 29.9



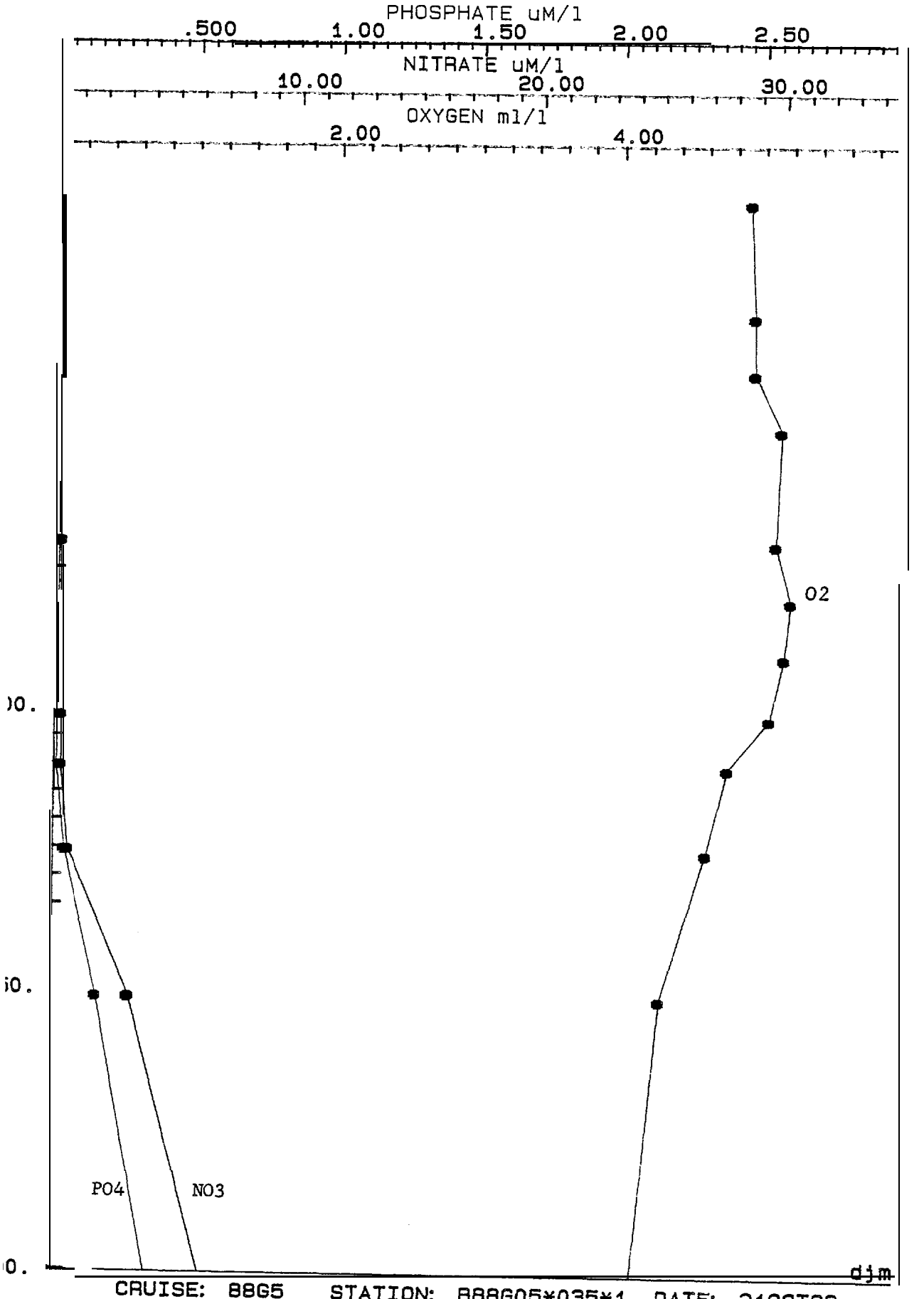
CRUISE: 88G5 STATION: B88G05*033*1 DATE: 21OCT88
LATITUDE: 27 2.3 LONGITUDE: 95 29.9

GMT 1930 21 Oct 88 26 21.2 95 30.6 B88G05 Station 35

DEPTH	T	S	DO	NO_3	NO_2	NH_4	UREA	$SiOH_4$	PO_4	CHL	PHAEO
10	26.63	36.198	4.90	0.1	0.05	0.1	0.1	2.4	0.01	0.12	0.02
30	26.69	36.333	4.93	0.1	0.04	<0.1	0.6	1.9	<0.01	0.17	0.06
40	26.67	36.417	4.93	0.1	0.04	<0.1	0.1	1.8	0.01	0.19	0.08
50	26.46	36.450	5.12	0.2	0.03	<0.1	0.2	1.9	0.01	0.11	0.06
70	24.48	36.430	5.09	0.2	0.03	<0.1	0.1	1.5	0.01	0.34	0.17
80	23.45	36.507	5.20	0.2	0.03	<0.1	0.4	1.8	0.01	0.44	0.32
90	22.84	36.507	5.16	0.3	0.03	<0.1	0.1	1.8	0.01	0.17	0.54
101	22.38	36.501	5.06	0.3	0.02	<0.1	0.3	1.8	0.01	0.28	0.29
110	22.14	36.500	4.77	0.3	0.05	<0.1	0.1	1.8	0.01	0.23	0.33
125	21.66	36.506	4.62	0.6	0.13	<0.1	<0.1	1.8	0.04	0.11	0.26
151	21.09	36.489	4.30	3.2	0.03	<0.1	0.5	2.3	0.16	$\sum_{z=0}^{100m} CHL = 21.1$	
600	8.62	35.052	2.63	31.1	0.01	<0.1	0.2	19.7	1.85		
700	7.20	34.926	2.94	32.0	<0.01	<0.1	0.2	23.4	1.94		
900	5.76	34.899	3.53	30.3	<0.01	<0.1	0.1	26.5	1.86		
1100	4.97	34.927	4.06	28.0	0.01	<0.1	0.1	27.4	1.72		



CRUISE: 88G5 STATION: B88G05*035*1 DATE: 21OCT88
LATITUDE: 26 21.2 LONGITUDE: 95 30.6

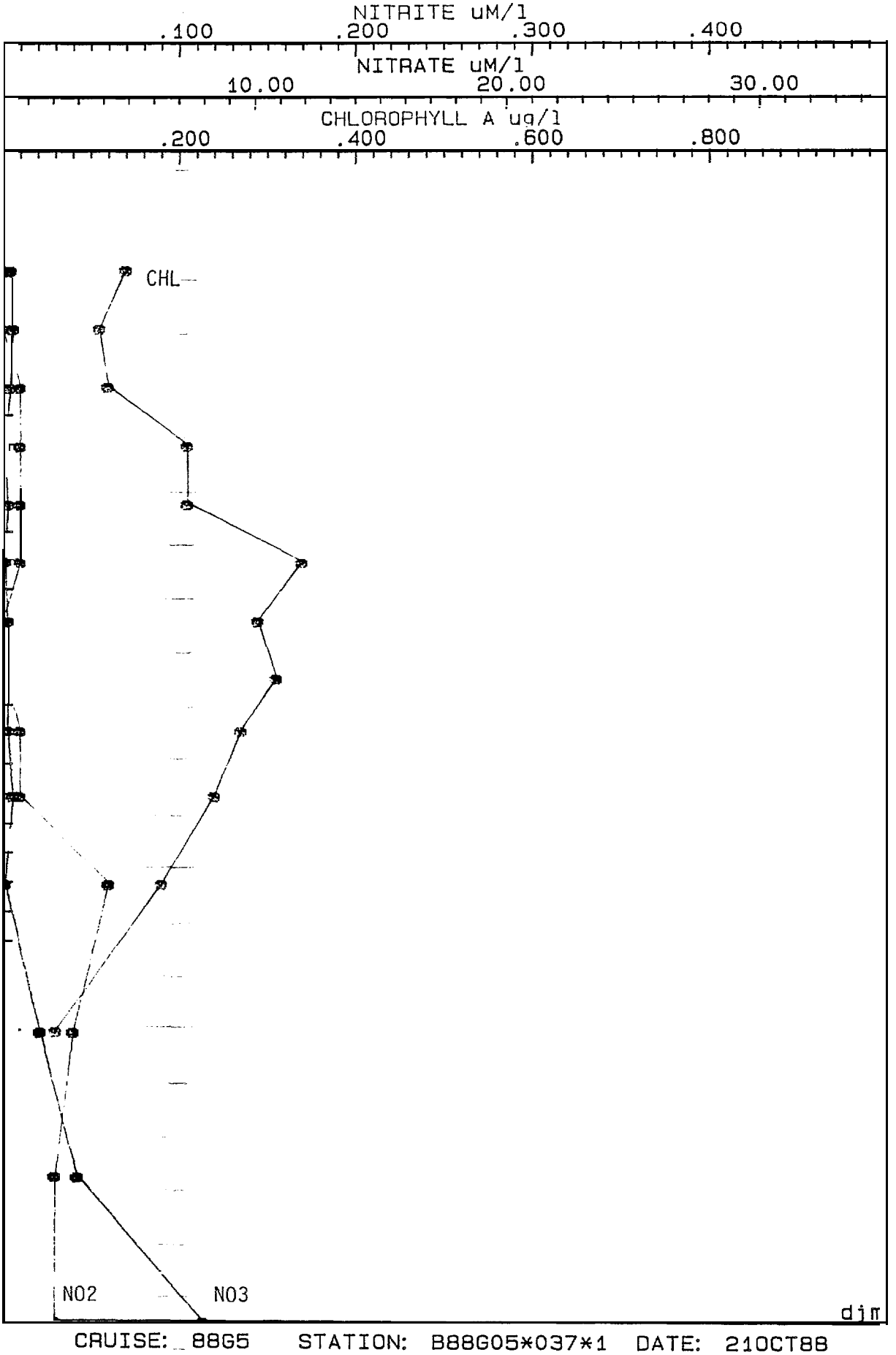


CRUISE: 88G5 STATION: B88G05*035*1 DATE: 21OCT88
LATITUDE: 26 21.2 LONGITUDE: 95 30.6

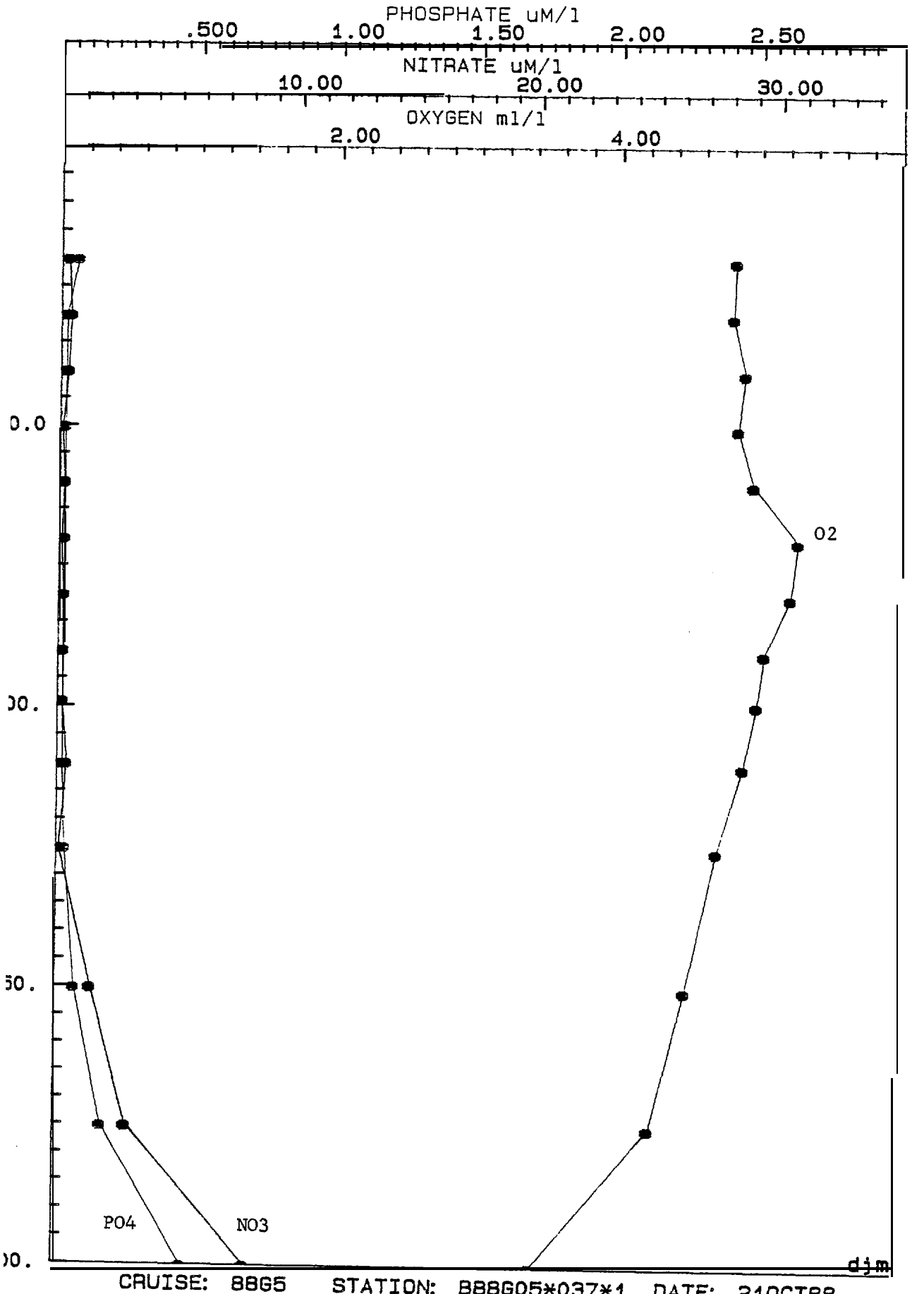
GMT 2359 B88G05

21 Oct 88 25 40.0 95 30.5 Station 37

DEPTH	T	S	DO	NO_3	NO_2	NH_4	UREA	$SiOH_4$	PO_4	CHL	PHAEO
20	26.73	36.278	4.82	0.3	<0.01	<0.1	0.2	1.9	0.06	0.14	0.12
30	26.76	36.408	4.80	0.4	<0.01	<0.1	0.2	1.4	0.02	0.11	0.09
40	26.77	36.460	4.89	0.3	0.01	<0.1	0.1	1.4	0.02	0.12	0.08
50	26.74	36.489	4.84	0.1	0.01	<0.1	0.1	1.4	0.02	0.21	0.10
60	26.24	36.516	4.95	0.2	0.01	<0.1	0.2	1.7	0.02	0.21	0.14
70	24.25	36.536	5.27	0.1	0.01	<0.1	0.2	1.4	0.02	0.34	0.17
80	23.44	36.547	5.22	0.2	<0.01	<0.1	0.2	1.1	0.02	0.29	0.16
90	22.90	36.543	5.03	0.2	<0.01	<0.1	0.2	0.9	0.02	0.31	0.22
99	22.43	36.535	4.98	0.2	0.01	<0.1	0.1	0.9	0.02	0.27	0.24
110	22.05	36.537	4.89	0.4	0.01	<0.1	0.1	0.9	0.02	0.24	0.40
125	21.62	36.523	4.71	0.1	0.06	<0.1	0.2	1.1	0.03	0.18	0.52
150	21.26	36.532	4.49	1.5	0.04	<0.1	0.2	1.4	0.07	0.06	0.27
175	20.54	36.490	4.24	3.0	0.03	<0.1	0.2	1.8	0.17	$\sum_{z=0}^{100m} CHL = 20.8$	
200	19.48	36.434	3.41	8.0	0.03	<0.1	0.1	3.5	0.46		
250	16.76	36.199	2.84	14.0	0.01	0.1	0.1	5.7	0.83		
300	14.59	35.926	2.67	18.8	0.01	<0.1	0.1	8.3	1.07		
700	6.87	34.913	2.90	32.5	0.01	<0.1	0.1	23.7	1.94		
899	5.54	34.906	3.67	30.3	0.01	<0.1	0.1	26.6	1.84		
1000	5.11	34.923	3.92	28.9	0.01	<0.1	0.1	26.7	1.76		



CRUISE: 88G5 STATION: B88G05*037*1 DATE: 21OCT88
LATITUDE: 25 40.0 LONGITUDE: 95 30.5

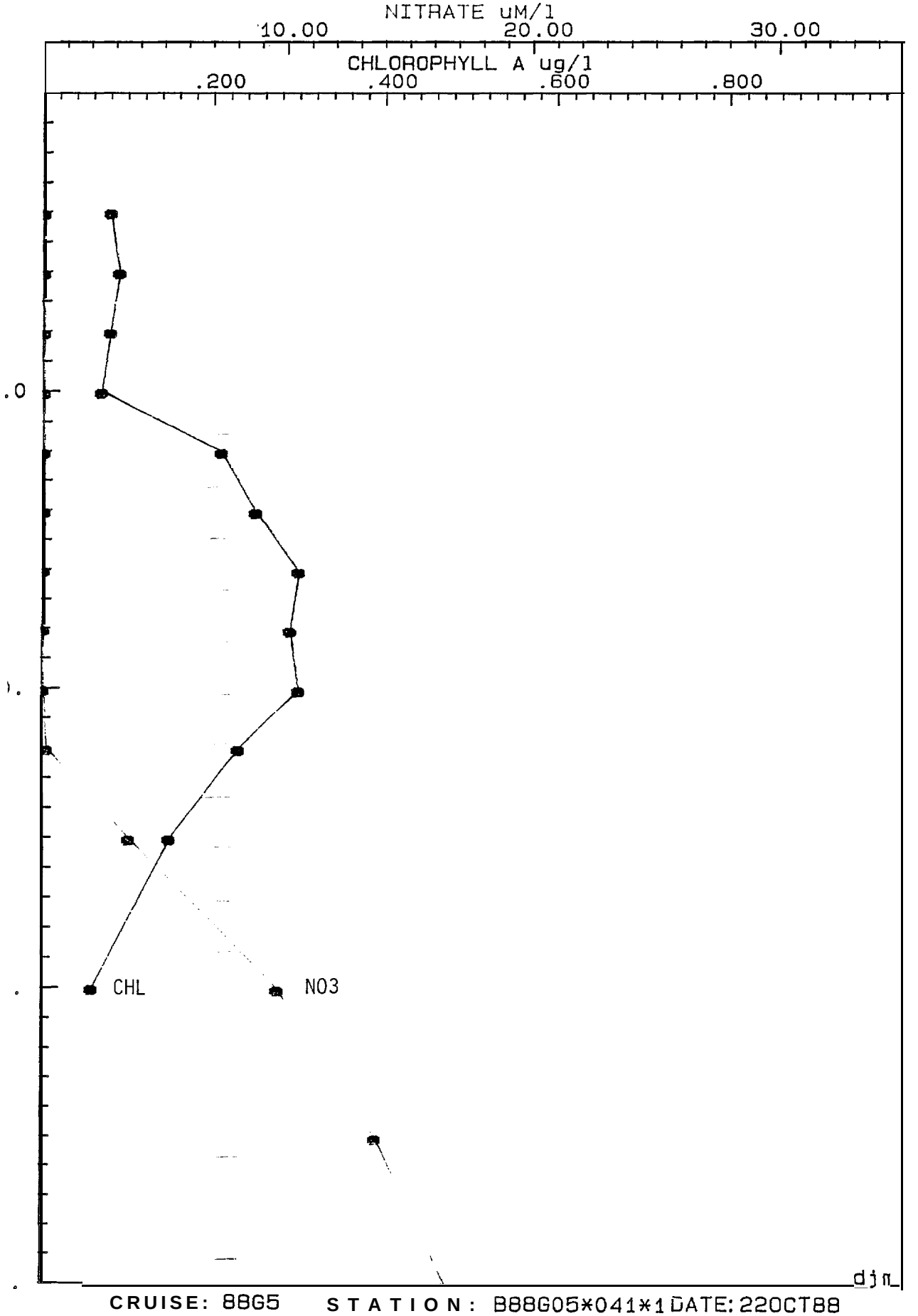


CRUISE: 88G5 STATION: B88G05*037*1 DATE: 21OCT88
LATITUDE: 25 40.0 LONGITUDE: 95 30.5

GMT 1115 B88G05

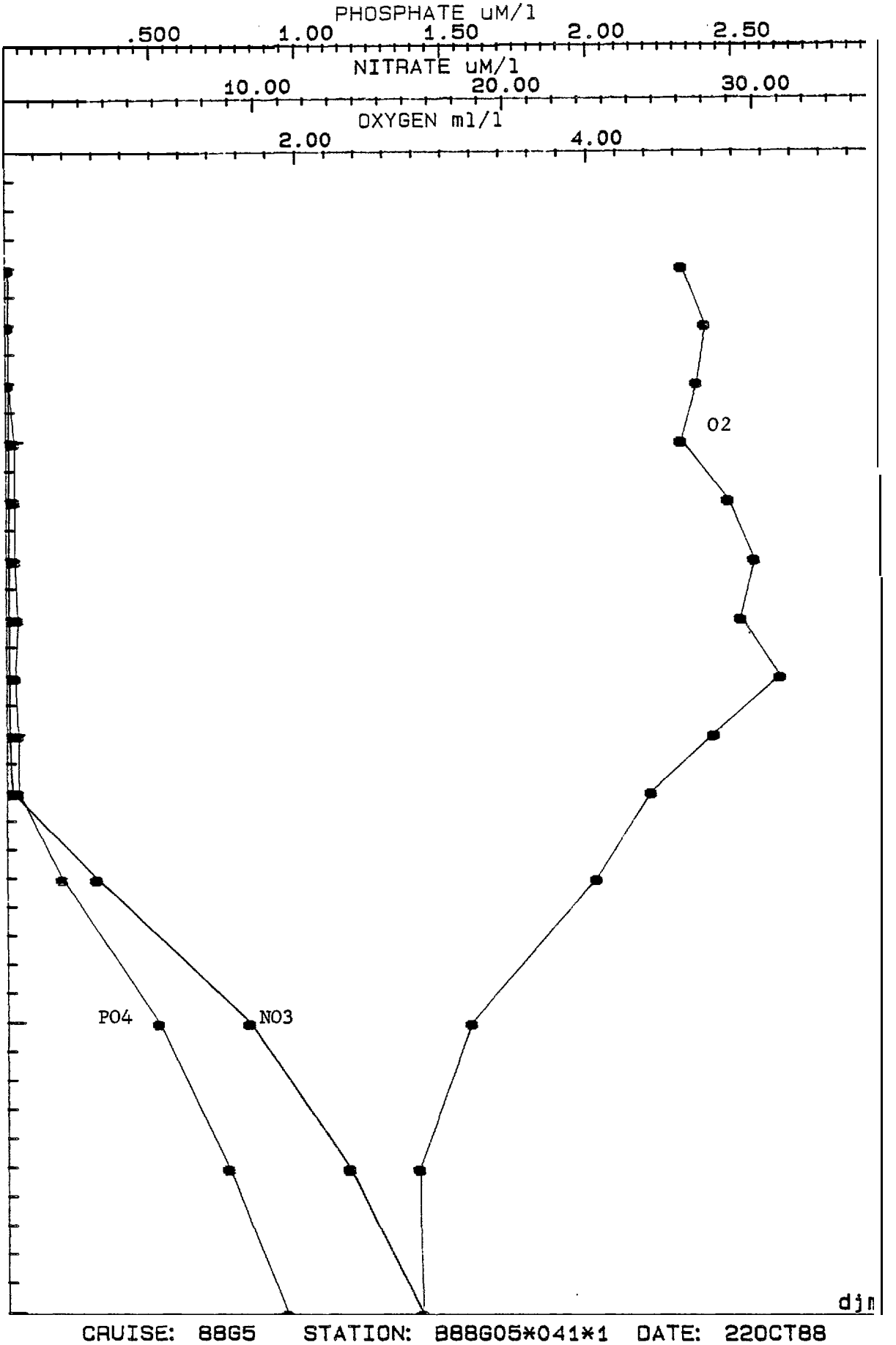
22 Oct 88 2540.47 96 15.0 Station 41

DEPTH	T	S	DO	NO_3	NO_2	NH_4	UREA	$SiOH_4$	PO_4	CHL	PHAE
20	26.71	36.448	4.65	0.1		0.1	0.9	1.3	0.01	0.08	0.05
30	26.71	36.446	4.81	0.1		<0.1	0.2	1.2	0.01	0.09	0.03
40	26.71	36.448	4.75	0.1		<0.1	0.1	1.3	0.01	0.08	0.06
50	26.58	36.447	4.64	0.1		<0.1	0.1	1.6	0.03	0.07	0.06
60	25.89	36.433	4.96	0.1		0.1	0.2	1.7	0.03	0.21	0.09
70	24.28	36.490	5.14	0.1		0.1	0.4	1.7	0.03	0.25	0.09
80	23.14	36.499	5.04	0.1		<0.1	0.2	1.6	0.04	0.30	0.20
90	22.52	36.508	5.31	0.1		<0.1	0.2	1.6	0.03	0.29	0.28
100	22.14	36.506	4.86	0.1		<0.1	0.4	1.5	0.04	0.30	0.33
110	21.63	36.484	4.43	0.2		<0.1	0.4	1.6	0.04	0.23	0.56
125	20.72	36.462	4.05	3.6		<0.1	0.2	2.1	0.19	0.15	0.40
150	19.46	36.438	3.19	9.7		<0.1	0.1	3.4	0.52	0.06	0.19
175	17.76	36.325	2.83	13.7		<0.1	0.1	4.6	0.76	$\sum_{i=0}^{100m} CHL = 16.4$	
200	16.25	36.114	2.85	16.6		<0.1	0.1	6.0	0.96		
225	15.08	35.956	2.74	18.6		<0.1	0.2	7.5	1.10		
250	14.09	35.800	2.65	21.0		<0.1	0.3	9.1	1.25		
300	12.43	35.555	2.56	24.4		<0.1	0.4	11.6	1.48		
350	11.28	35.390	2.50	26.8		<0.1	0.5	13.6	1.62		
400	10.25	35.239	2.57	28.6		<0.1	0.1	15.4	1.73		
514	8.60	35.045	2.67	31.0		<0.1	0.3	19.4	1.97		



CRUISE: 88G5 STATION: B88G05*041*1 DATE: 22OCT88

LATITUDE: 96 15.0 LONGITUDE: 96 15.0



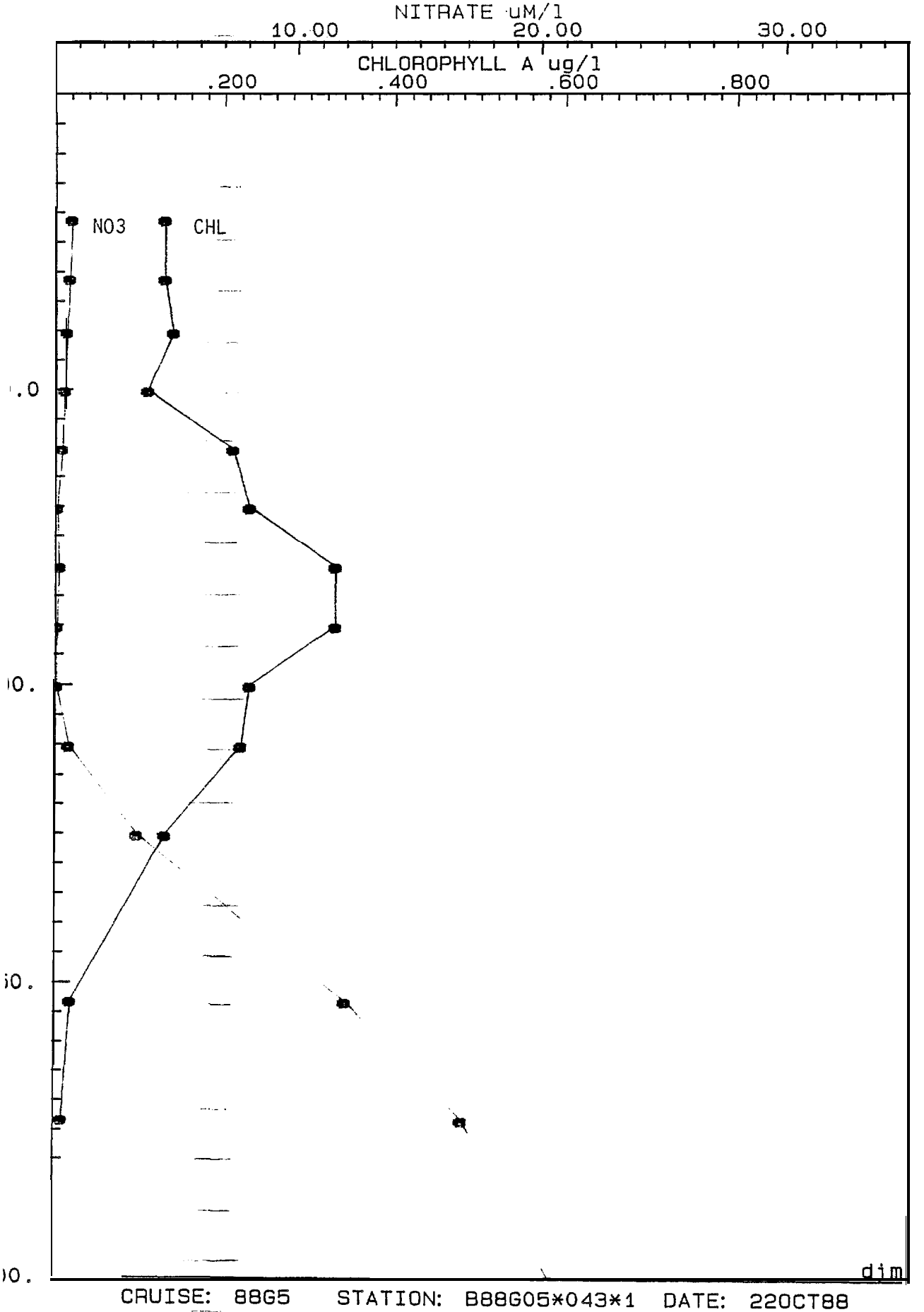
CRUISE: 88G5 STATION: 888G05*041*1 DATE: 22OCT88
LATITUDE: 96 15.0 LONGITUDE: 96 15.0

GMT 1558
22 Oct 88

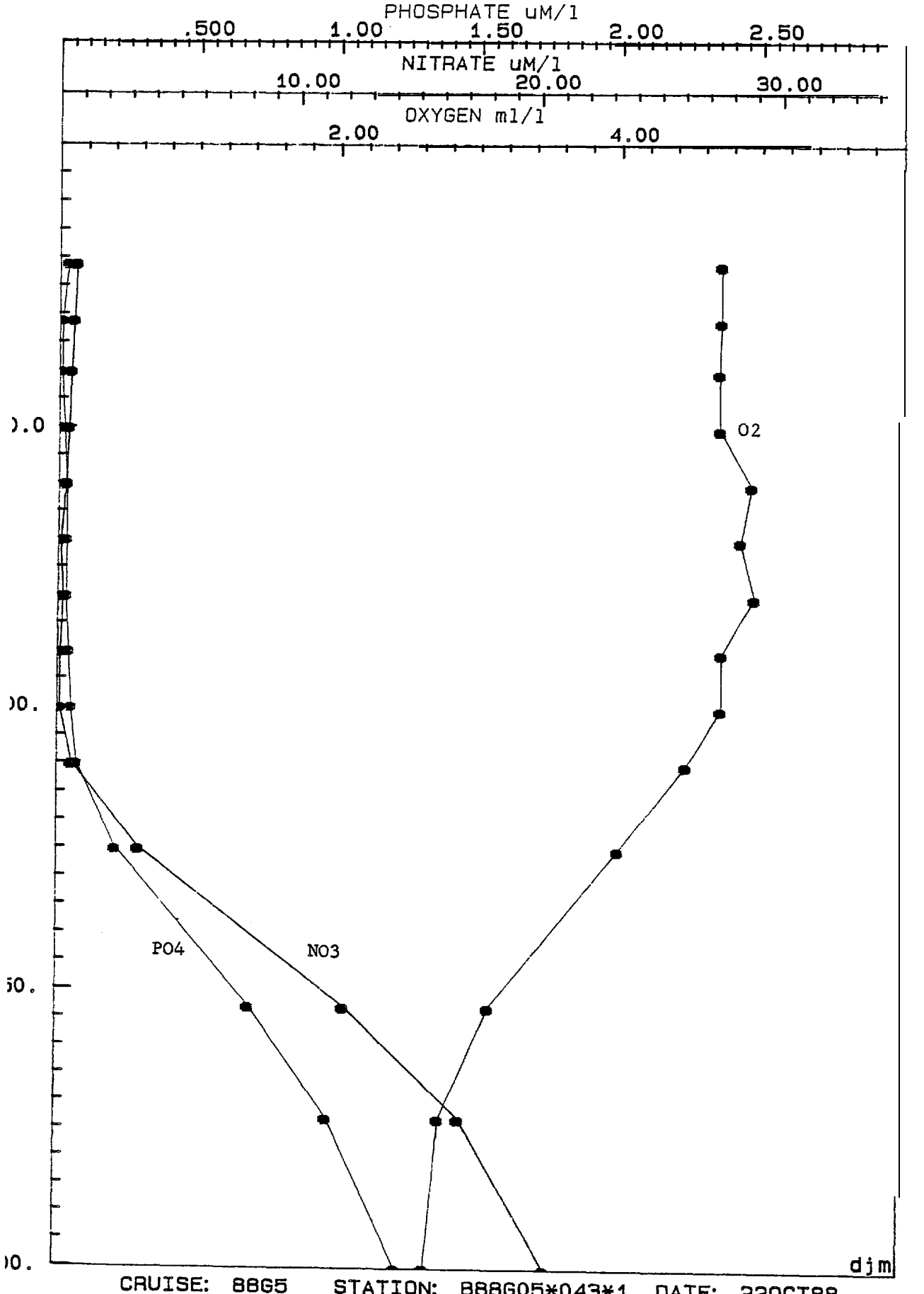
26 19.7 96 15.1

B88G05
Station 43

DEPTH	T	S	DO	NO_3	NO_2	NH_4	UREA	$SiOH_4$	PO_4	CHL	PHAEO
21	26.47	36.466	4.71	0.7		<0.1	0.1	2.1	0.03	0.13	0.03
31	26.42	36.487	4.71	0.6		<0.1	0.1	1.8	0.01	0.13	0.03
40	26.43	36.489	4.69	0.5		<0.1	0.2	1.8	0.01	0.14	0.04
50	26.39	36.492	4.71	0.4		<0.1	0.1	1.6	0.02	0.11	0.14
60	25.73	36.482	4.93	0.3		<0.1	0.1	1.6	0.03	0.21	0.08
70	25.04	36.480	4.86	0.1		<0.1	0.1	1.6	0.03	0.23	0.11
80	24.25	36.483	4.96	0.2		<0.1	0.5	1.9	0.03	0.33	0.04
90	23.00	36.482	4.73	0.1		<0.1	0.5	1.9	0.04	0.33	0.06
100	22.41	36.491	4.72	0.1		<0.1	0.8	1.6	0.05	0.23	0.05
110	21.94	36.484	4.48	0.6		<0.1	0.4	1.7	0.07	0.22	0.35
125	20.86	36.465	4.00	3.4		<0.1	0.7	2.5	0.21	0.13	0.30
153	17.61	36.315	3.09	12.0		0.1	0.3	5.4	0.69	0.02	0.06
173	15.61	36.065	2.74	16.8		0.1	0.1	7.5	0.97	0.01	0.02
200	14.07	35.804	2.64	20.4		0.1	0.1	9.5	1.22	$\sum_{z=0}^{100m} CHL = 19.2$	
225	13.2	35.665	2.66	22.2		0.1	0.2	10.9	1.31		
250	12.7	35.599	2.54	23.0		0.1	0.2	11.4	1.37		
300	11.62	35.444	2.52	24.8		0.1	0.2	12.6	1.51		
349	10.91	35.338	2.45	26.3		0.11	0.1	14.3	1.61		
400	9.90	35.205	2.53	27.7		<0.1	0.1	16.3	1.72		
465	9.33	35.121	2.53	28.9		<0.1	0.3	18.2	1.79		



CRUISE: 88G5 STATION: B88G05*043*1 DATE: 22OCT88
LATITUDE: 26 19.7 LONGITUDE: 96 15.1



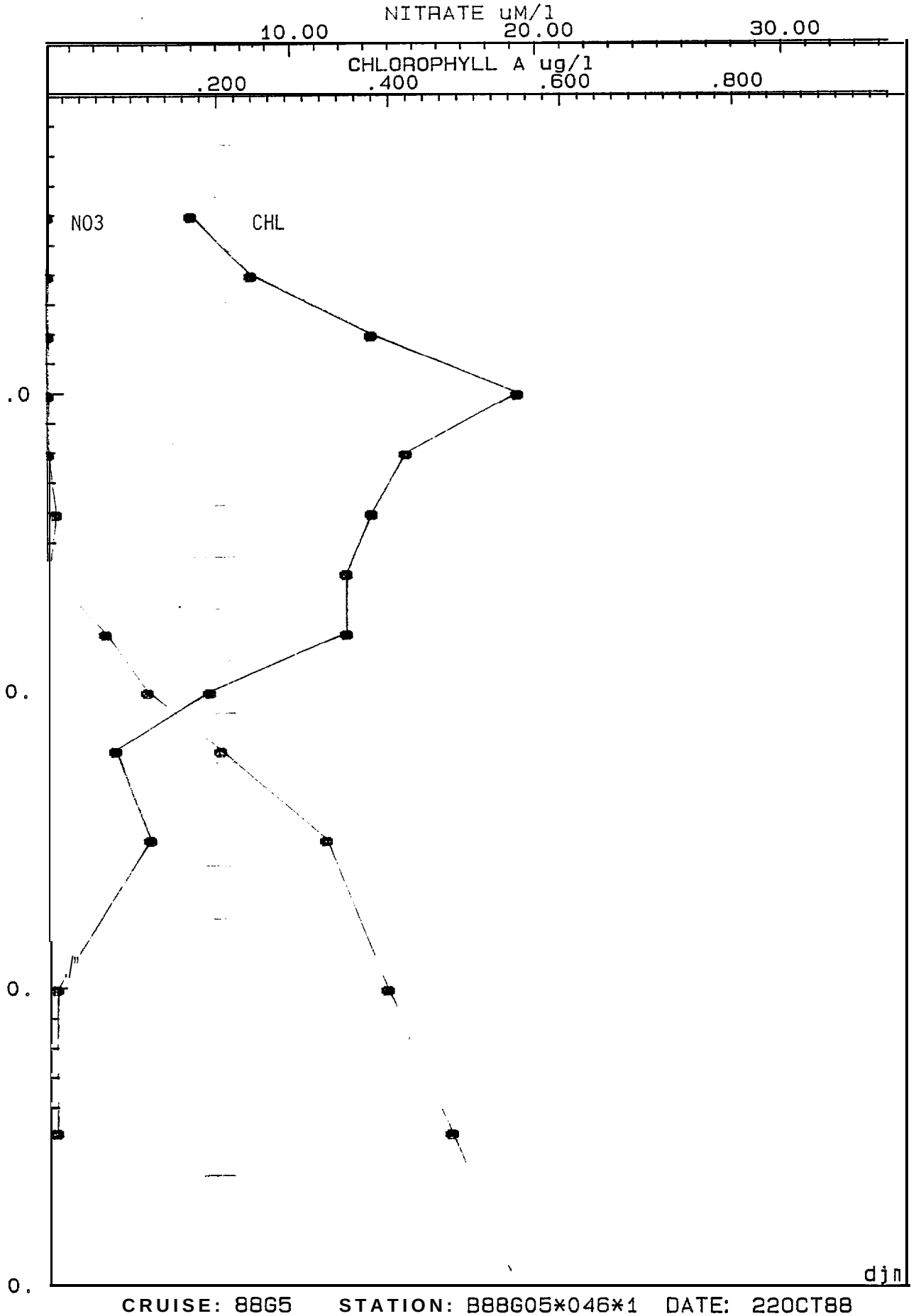
CRUISE: 88G5 STATION: B88G05*043*1 DATE: 22OCT88
LATITUDE: 26 19.7 LONGITUDE: 96 15.1

GMT 2055
22 Oct 88

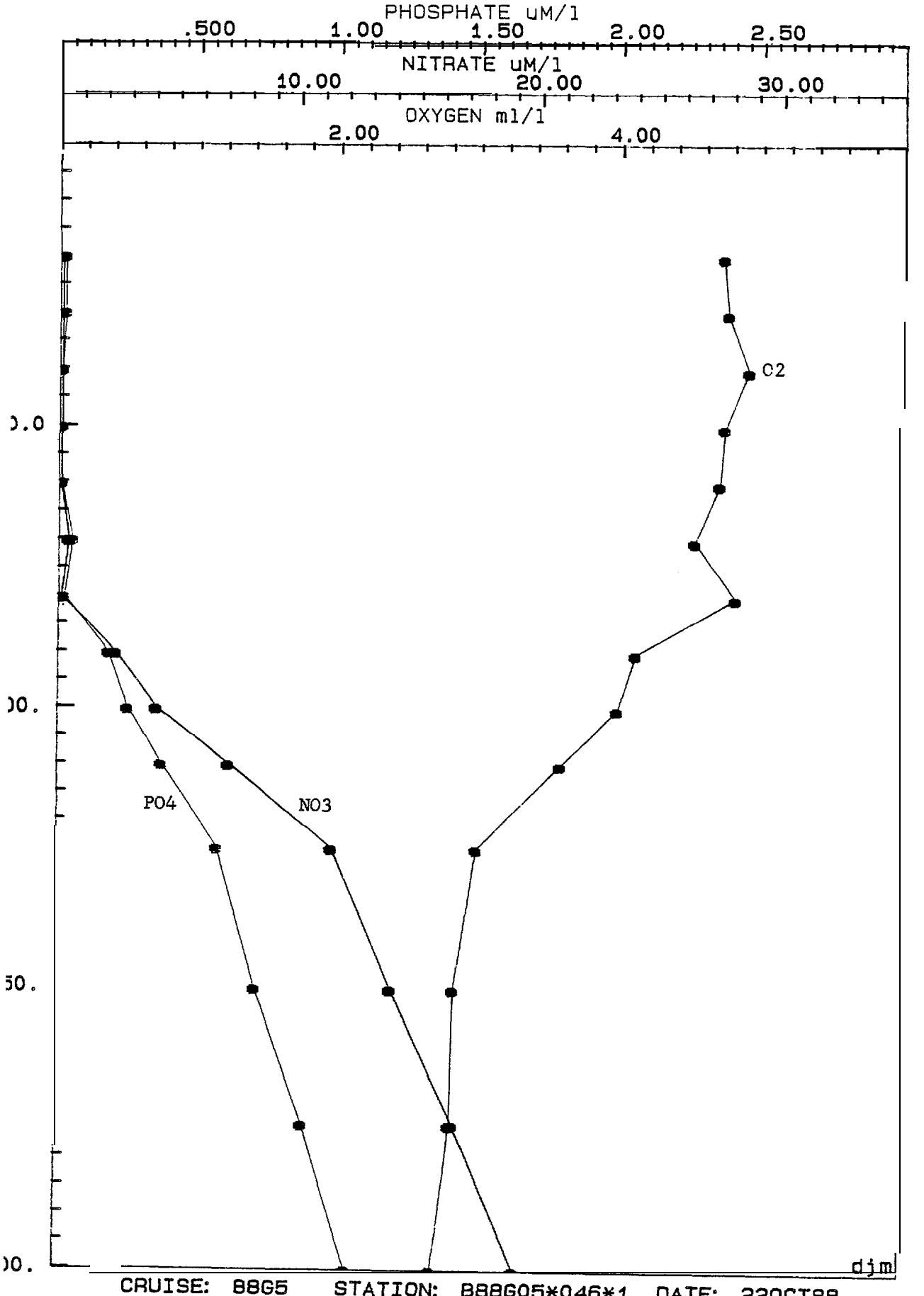
27.2 96 15.1

B88605
Station 46

DEPTH	T	S	DO	NO_3	NO_2	NH_4	UREA	$SiOH_4$	PO_4	CHL	PHAEO
20	26.52	36.382	4.72	0.1		<0.1	0.1	1.0	0.02	0.17	0.13
30	26.47	36.440	4.75	0.1		<0.1	0.1	1.4	0.02	0.24	0.13
40	26.33	36.429	4.90	0.1		<0.1	0.1	1.5	0.01	0.38	0.20
50	26.02	36.452	4.73	0.1		<0.1	0.1	1.3	0.01	0.55	0.39
60	25.25	36.442	4.70	0.1		<0.1	0.1	1.0	0.01	0.42	0.37
70	24.59	36.444	4.52	0.1		<0.1	0.2	1.5	0.05	0.38	0.33
80	23.81	36.475	4.82	0.1		<0.1	0.2	1.0	0.02	0.35	0.32
90	22.58	36.470	4.11	2.4		<0.1	0.2	3.3	0.18	0.35	0.30
100	21.18	36.465	3.98	4.1		<0.1	0.3	3.3	0.25	0.19	0.22
110	19.61	36.422	3.58	7.1		<0.1	0.2	3.4	0.37	0.08	0.21
125	18.69	36.412	2.99	11.4		<0.1	0.2	4.4	0.57	0.12	0.12
150	17.70	36.302	2.83	13.9		<0.1	0.3	5.6	0.71	0.01	0.03
174	16.08	36.106	2.81	16.5		<0.1	0.2	7.1	0.88	0.01	0.02
200	14.95	35.932	2.69	19.1		<0.1	0.3	8.2	1.04	$\sum_{i=0}^{100m} CHL$	=32.0
250	13.22	35.673	2.57	22.5		<0.1	0.3	10.3	1.27		
300	12.03	35.487	2.51	25.2		<0.1	0.1	13.1	1.43		
350	10.97	35.335	2.47	27.5		<0.1	0.3	15.5	1.56		
399	9.96	35.202	2.60	29.6		<0.1	0.7	17.4	1.68		
481	9.06	35.104	2.49	31.1		<0.1	0.3	19.5	1.77		



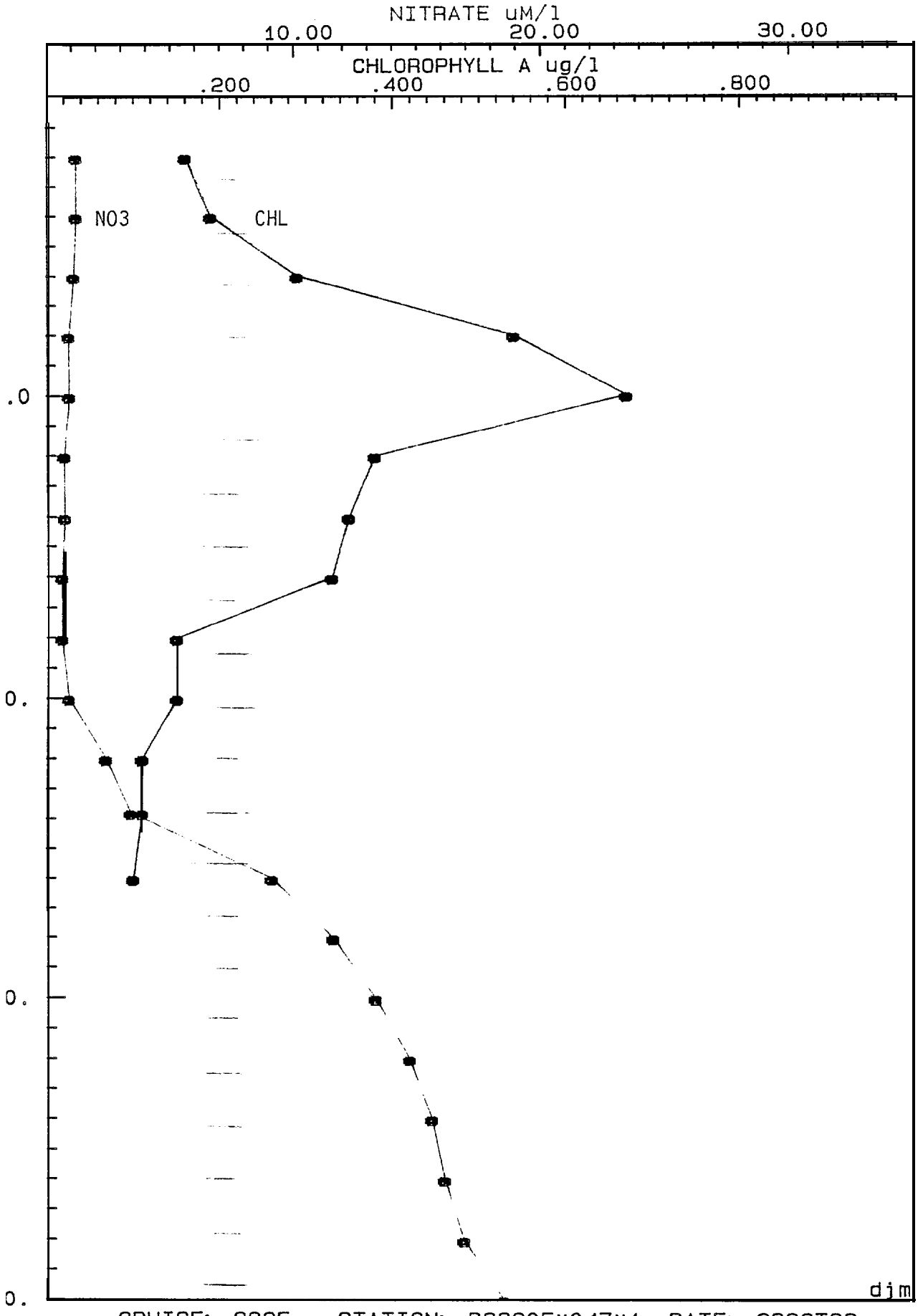
CRUISE: 88G5 STATION: B88G05*046*1 DATE: 22OCT88
LATITUDE: 27 .2 LONGITUDE: 96 15.1



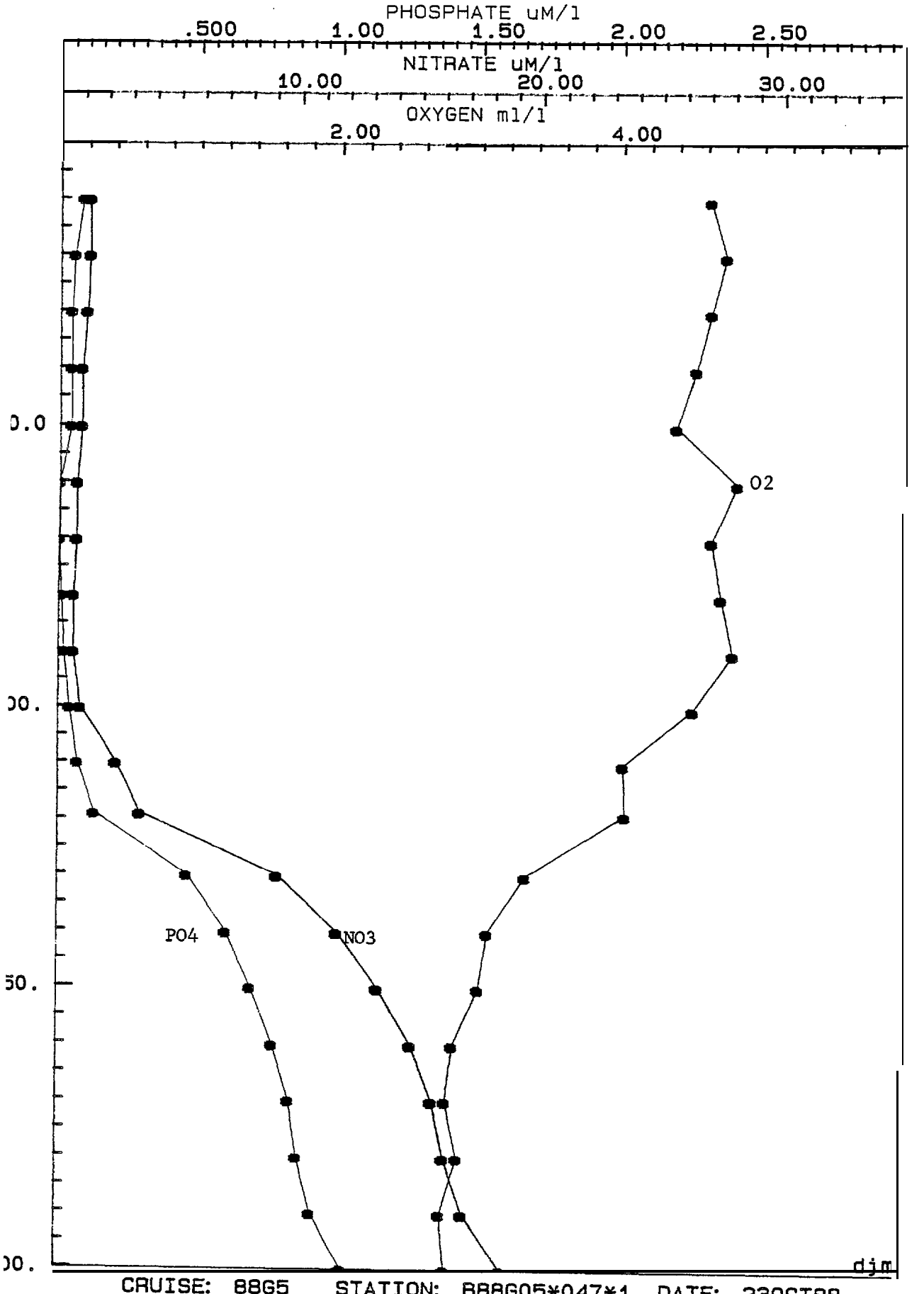
CRUISE: 88G5 STATION: B88G05*046*1 DATE: 22OCT88
LATITUDE: 27 .2 LONGITUDE: 96 15.1

GMT 0530 23 oct 88 27 15.6 96 15.0 B88G05 station 47

BOTTLE #	DEPTH	T	S	DO	NO_3	NO_2	NH_4	UREA	$SiOH_4$	PO_4	CHL	PHAEO
22	10	26.61	36.250	4.62	1.2		<0.1	0.1	4.2	0.08	0.16	0.05
21	20	26.65	36.410	4.73	1.2		<0.1	0.1	2.9	0.05	0.19	0.08
20	30	26.57	36.414	4.62	1.1		<0.1	0.2	2.7	0.04	0.29	0.10
19	40	26.40	36.421	4.52	0.9		<0.1	0.1	3.1	0.04	0.54	0.01
18	50	27.72	36.432	4.38	0.9		<0.1	0.1	3.2	0.04	0.67	0.23
17	60	24.73	36.474	4.81	0.7		<0.1	0.1	1.8	<0.01	0.38	0.22
15	70	23.78	36.450	4.63	0.7		<0.1	0.1	1.7	<0.01	0.35	0.40
14	80	22.92	36.481	4.70	0.6		<0.1	0.1	1.7	0.01	0.33	0.53
13	90	22.30	36.501	4.79	0.6		0.1	0.2	1.7	0.02	0.15	0.19
2	100	21.77	36.486	4.51	0.9		<0.1	0.2	1.9	0.04	0.15	0.31
11	110	21.07	36.472	4.02	2.4		<0.1	0.1	2.3	0.07	0.11	0.27
0	119	20.69	36.462	4.03	3.4		<0.1	0.2	2.4	0.13	0.11	0.25
1	130	19.54	36.400	3.33	9.1		<0.1	0.1	4.4	0.46	0.10	0.09
7	140	18.51	36.351	3.06	11.6		<0.1	0.1	4.9	0.60	$\sum_{i=0}^{100m} CHL = 32.1$	
6	150	17.88	36.302	3.00	13.3		0.1	0.1	5.5	0.69		
5	160	17.23	36.246	2.82	14.7		0.1	0.1	5.9	0.77		
	170	16.68	36.183	2.77	15.6		<0.1	0.1	6.4	0.83		
	180	16.35	36.146	2.86	16.1		<0.1	0.1		0.86		
	190	15.96	36.091	2.74	16.9		0.1	0.2		0.91		
	200	15.19	35.960	2.78	18.5		0.1	0.1		1.02		



CRUISE: 88G5 STATION: B88G05*047*1 DATE: 23OCT88
LATITUDE: 27 15.6 LONGITUDE: 96 15.0

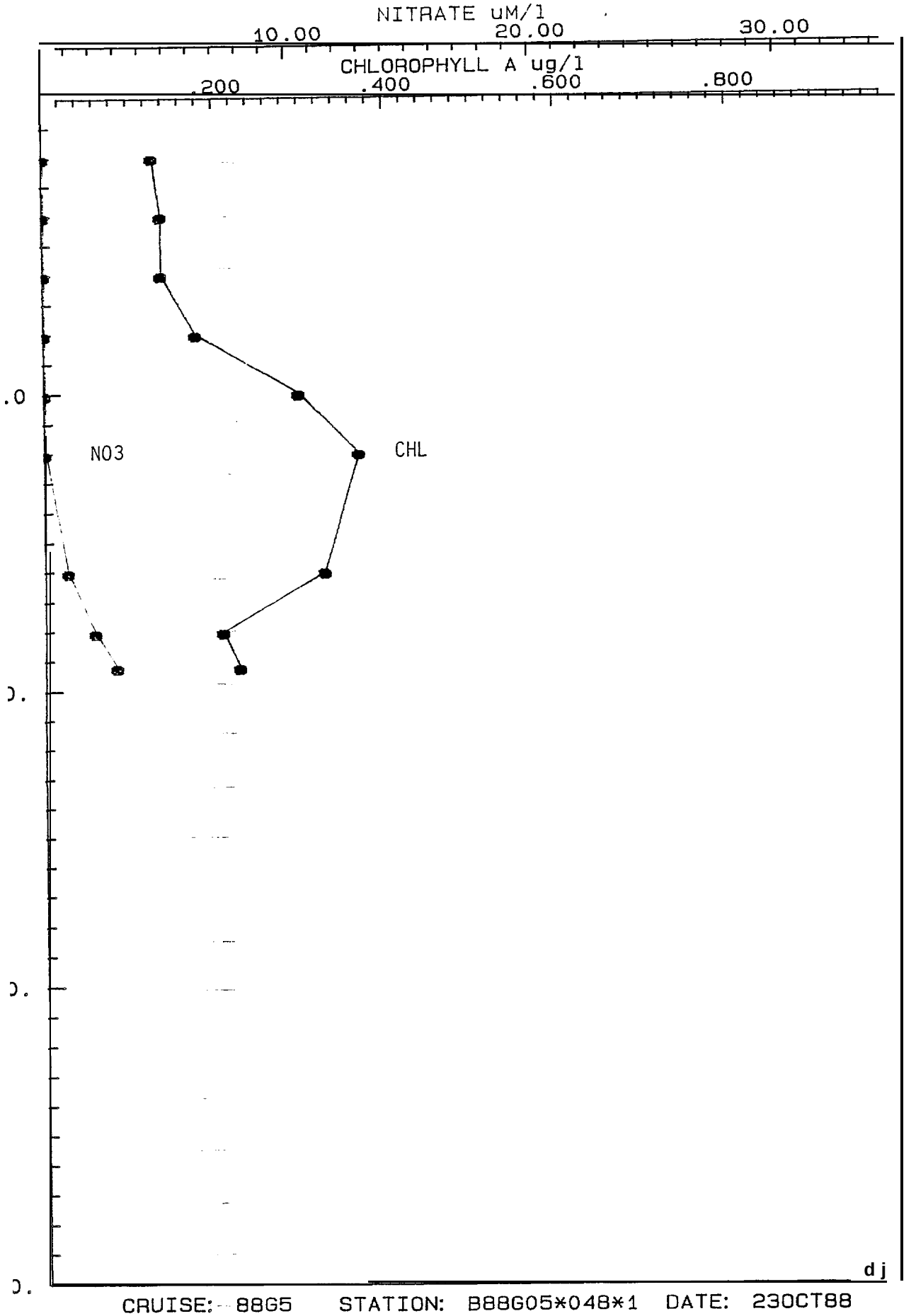


CRUISE: 88G5 STATION: B88G05*047*1 DATE: 23OCT88
LATITUDE: 27 15.6 LONGITUDE: 96 15.0

GMT 1210 [illegible] B88 605 Station 48

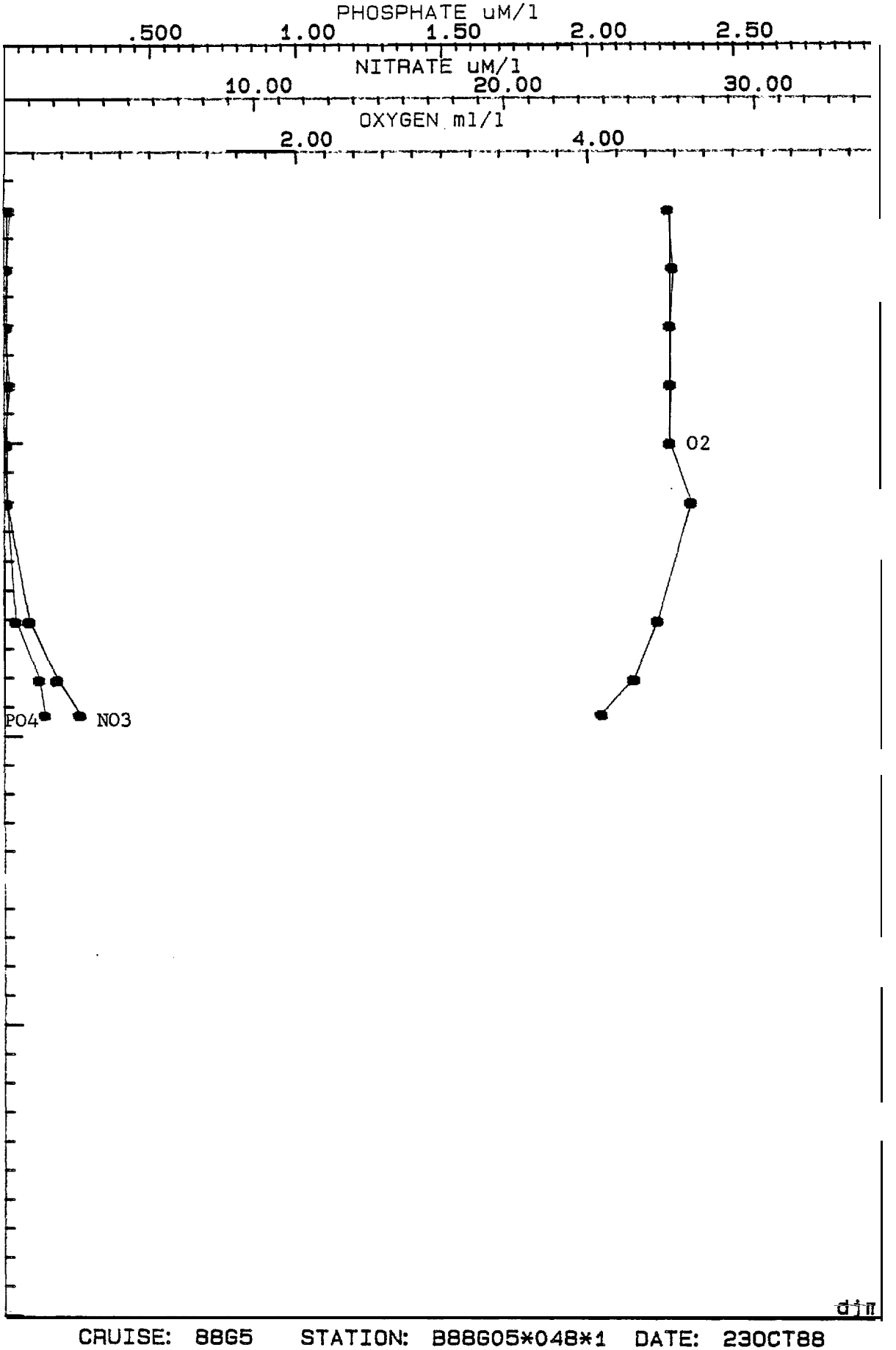
E	DEPTH	T	S	DO	NO_3	NO_2	NH_4	UREA	$SiOH_4$	PO_4	CHL	PHAEO
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		<0.1	0.3	2.6	0.02	0.12	0.11
	20	26.54	36.249	4.58	0.1		<0.1	0.2	2.1	0.01	0.14	0.10
	30	26.59	36.426	4.57	0.1		<0.1	0.2	1.7	<0.01	0.14	0.12
	40	26.47	36.441	4.57	0.1		<0.1	0.3	1.7	0.02	0.18	0.10
	50	26.07	36.455	[illegible]	0.1		<0.1	0.4	1.5	<0.01	0.30	0.16
	60	25.10	36.518	4.71	0.1		<0.1	0.3	0	0.01	0.37	0.23
	80	22.73	36.479	4.47	1.0		<0.1	0.1	1.9	0.04	0.33	0.40
	90	21.68	36.469	4.31	2.1		<0.1	0.4	1.9	0.12	0.21	0.34
	91	21.20	36.459	4.10	3.0		<0.1	<0.1	2.6	0.14	0.23	0.38

$\sum_{\leq 0}$ CHL = 23.8



CRUISE: 88G5 STATION: B88G05*048*1 DATE: 23OCT88

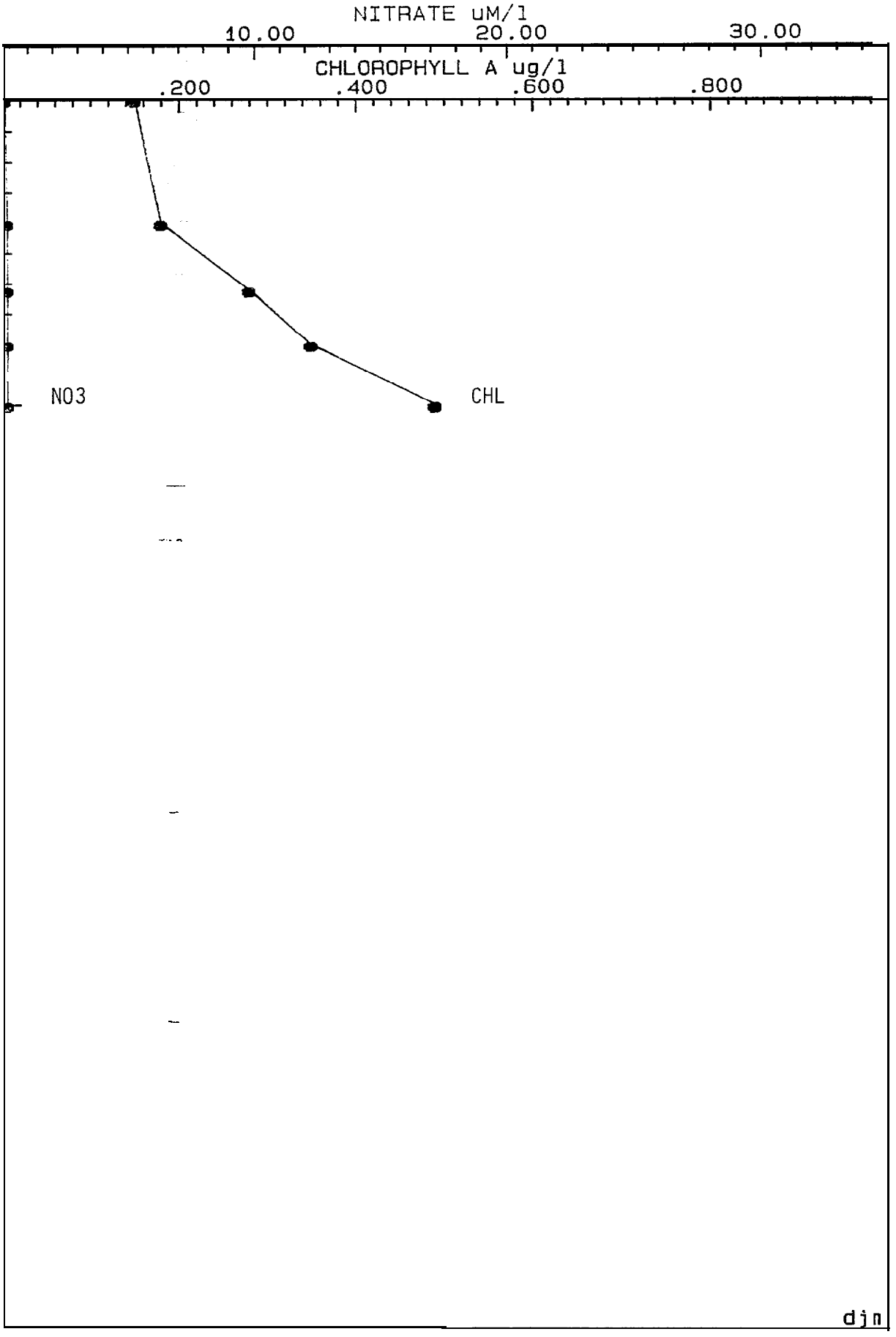
LATITUDE: 27 21.7 LONGITUDE: 96 26.6



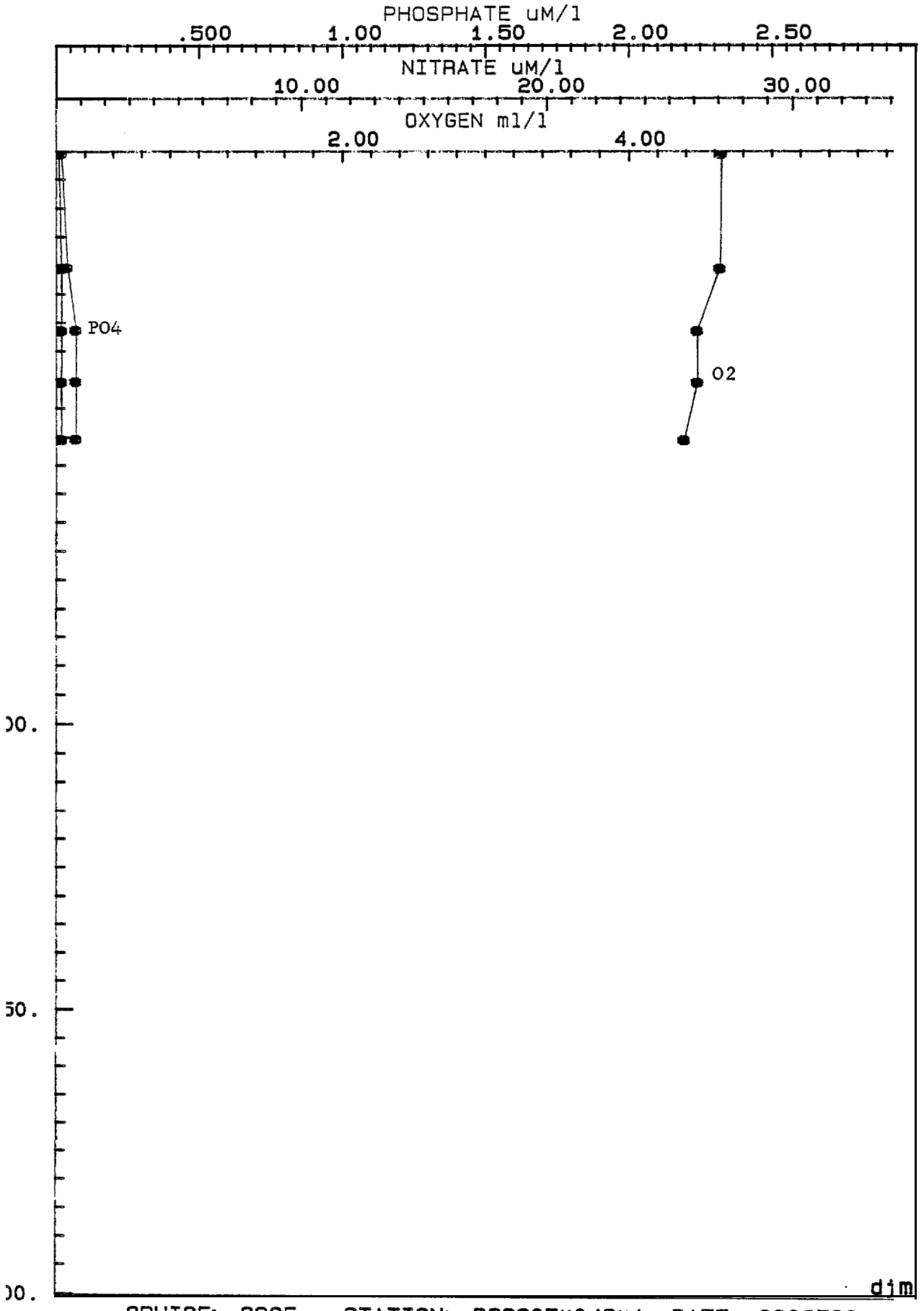
CRUISE: 88G5 STATION: B88G05*048*1 DATE: 23OCT88
LATITUDE: 27 21.7 LONGITUDE: 96 26.6

GMT 1430 23 Oct 88 22 30.5 96 43.3 B88605 Station 49

DEPTH	T	S	DO	NO_3	NO_2	NH_4	UREA	$SiOH_4$	PO_4	CHL	PHAEO
0	26.02	34.588	4.65	0.1		<0.1	0.1		0.02	0.15	0.12
20	26.07	34.769	4.64	0.2		<0.1	<0.1		0.04	0.18	0.15
31	27.19	36.092	4.48	0.2		<0.1	0.1	6.0	0.07	0.28	0.12
40	26.95	36.180	4.48	0.2		<0.1	0.1	5.5	0.07	0.35	0.18
50	27.05	36.324	4.39	0.2		<0.1	0.1	6.1	0.07	0.49	0.28
										$\sum_{i=0}^{50m} CHL$	= 12.9



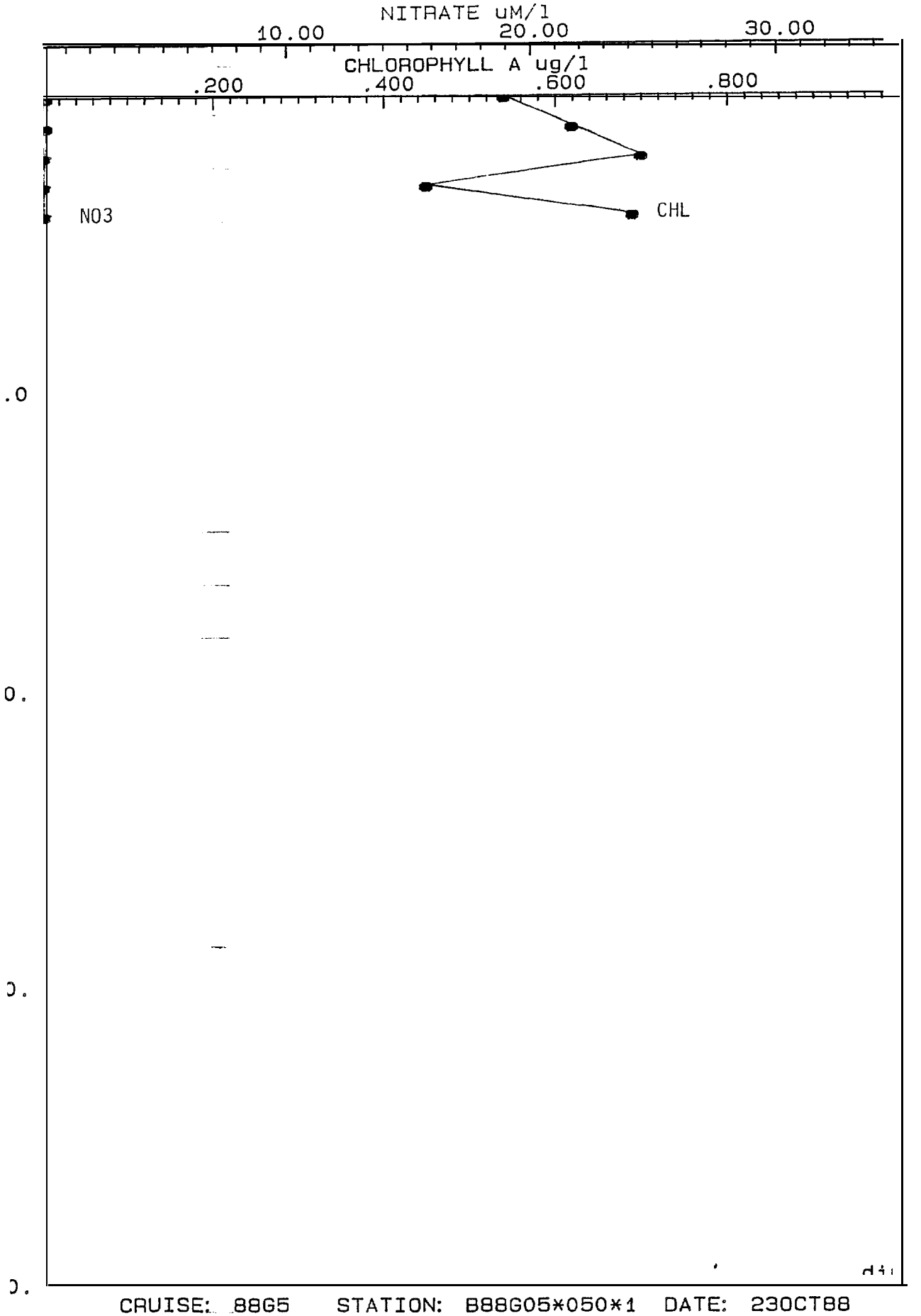
CRUISE: 88G5 STATION: B88G05*049*1 DATE: 23OCT88
LATITUDE: 22 30.5 LONGITUDE: 96 43.3



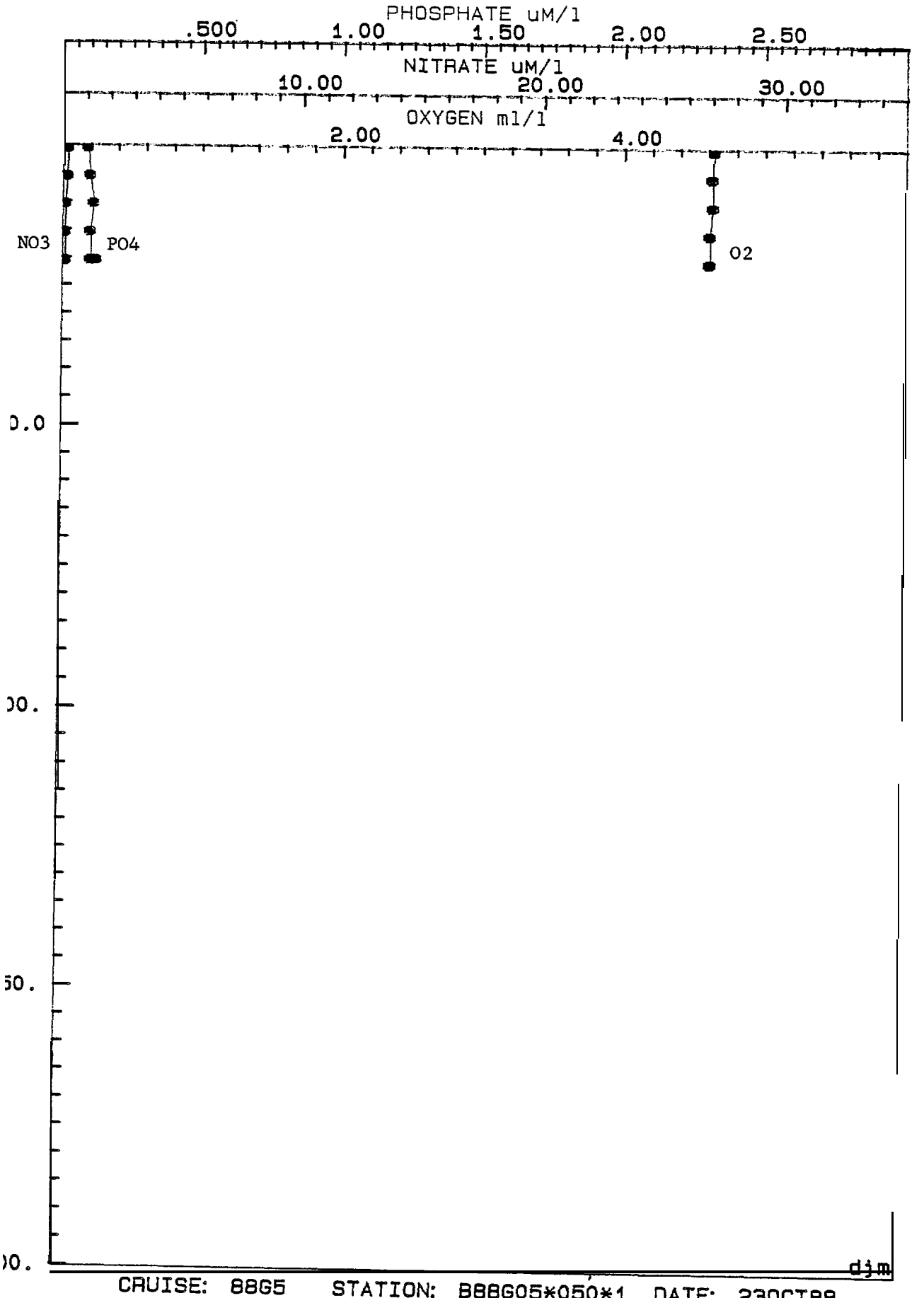
CRUISE: 88G5 STATION: B88G05*049*1 DATE: 23OCT88
LATITUDE: 22 30.5 LONGITUDE: 96 43.3

GMT 1939 B88G05

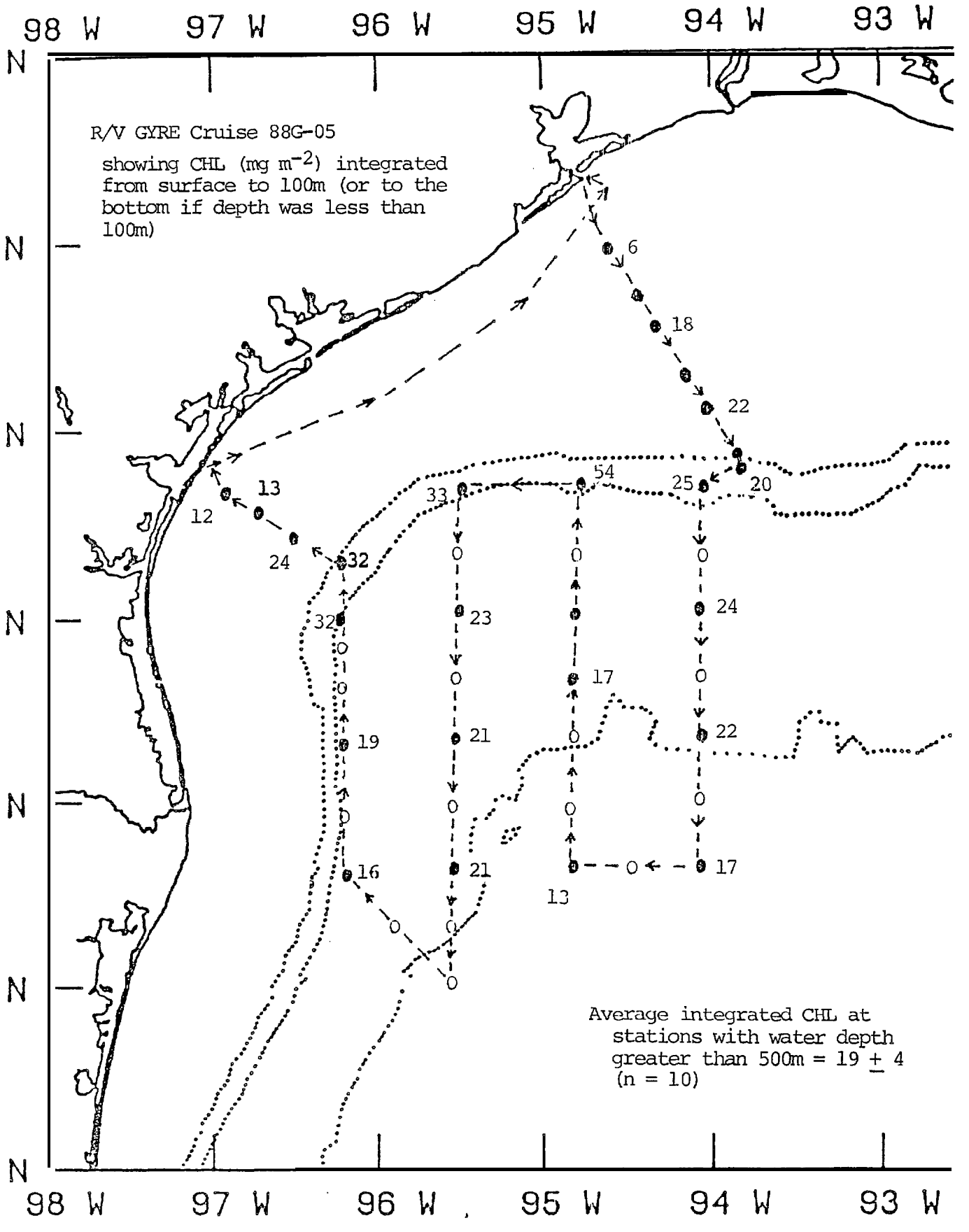
DEPTH	T	S	DO	NO_3	NO_2	NH_4	UREA	$SiOH_4$	PO_4	CHL	PHAEO
0	26.00	34.683	4.64	0.2		<0.1	0.2	3.6	0.09	0.54	0.18
5	26.00	34.683	4.63	0.2		<0.1	0.2	3.5	0.10	[illegible]	0.13
10	25.97	34.684	4.63	0.1		<0.1	0.1	3.6	0.11	0.70	0.24
15	25.95	34.684	4.62	0.1		<0.1	0.1	3.6	0.10	0.45	0.20
20	25.94	34.682	4.61	0.1		<0.1	0.1	3.6	0.10	0.69	0.24
20	25.94	34.681	4.61	0.1		<0.1	0.1	3.6	0.12	$\sum_{0}^{20m} CHL = 12.0$	

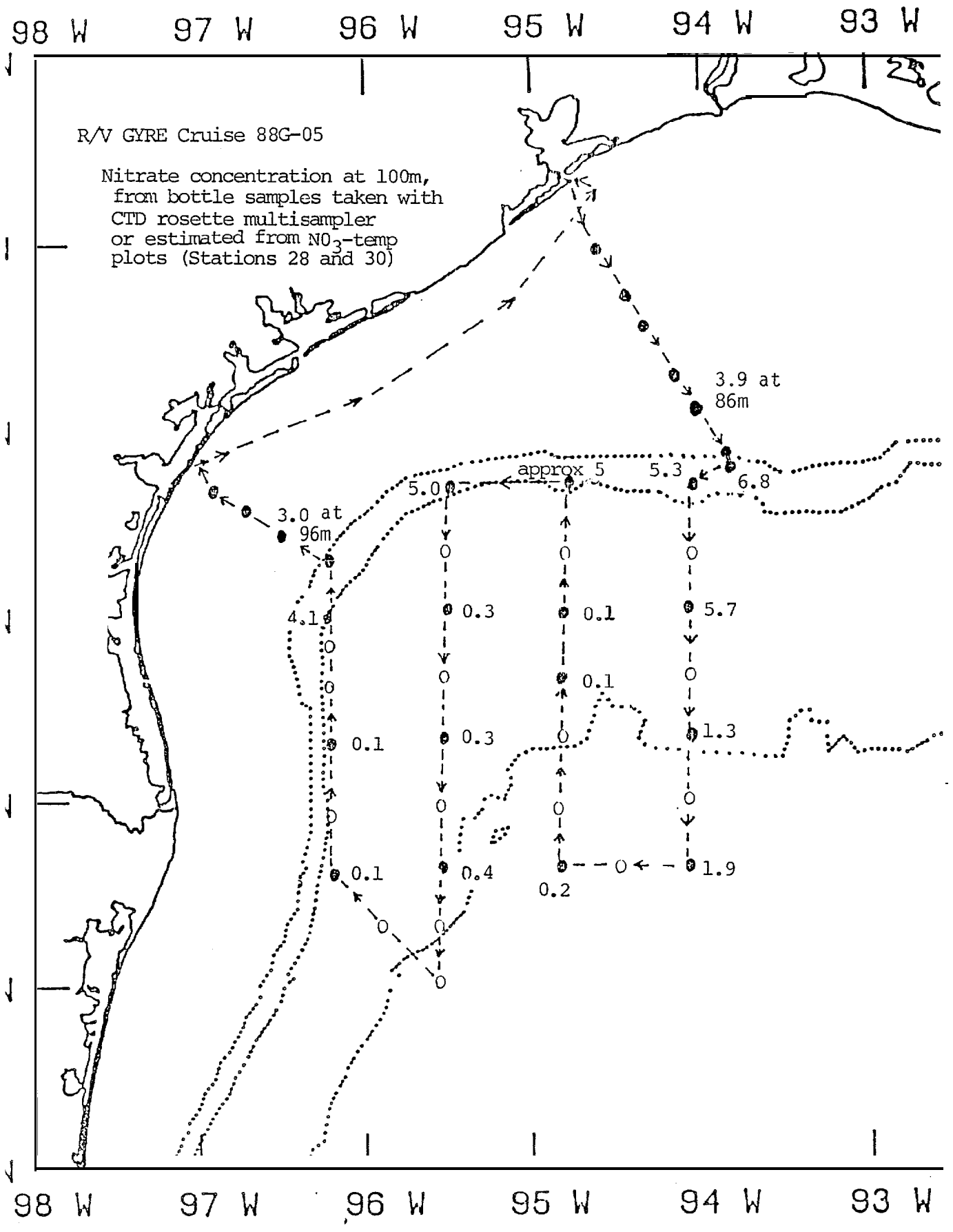


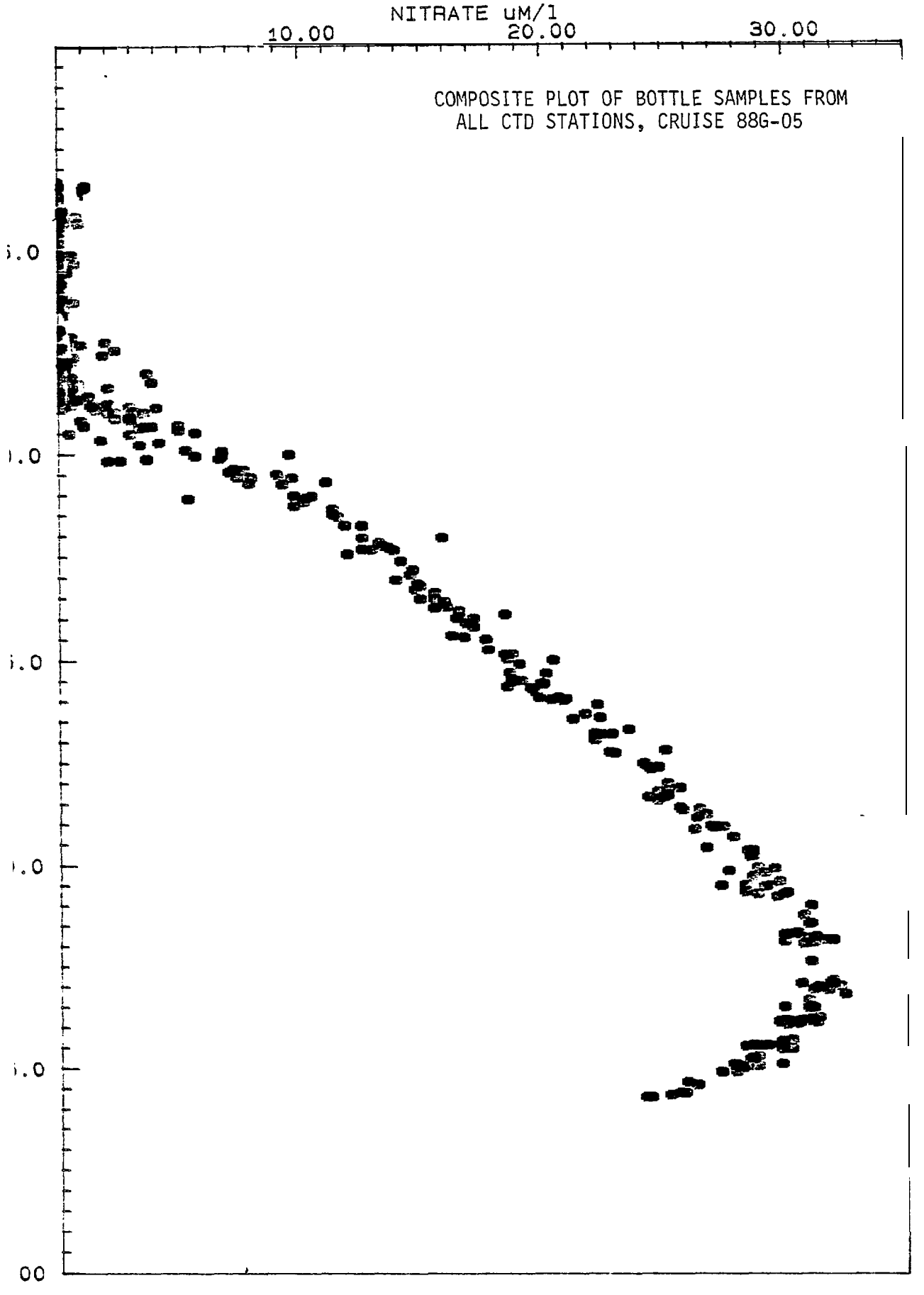
CRUISE: 88G5 STATION: B88G05*050*1 DATE: 23OCT88
LATITUDE: 27 39.3 LONGITUDE: 97 2.0

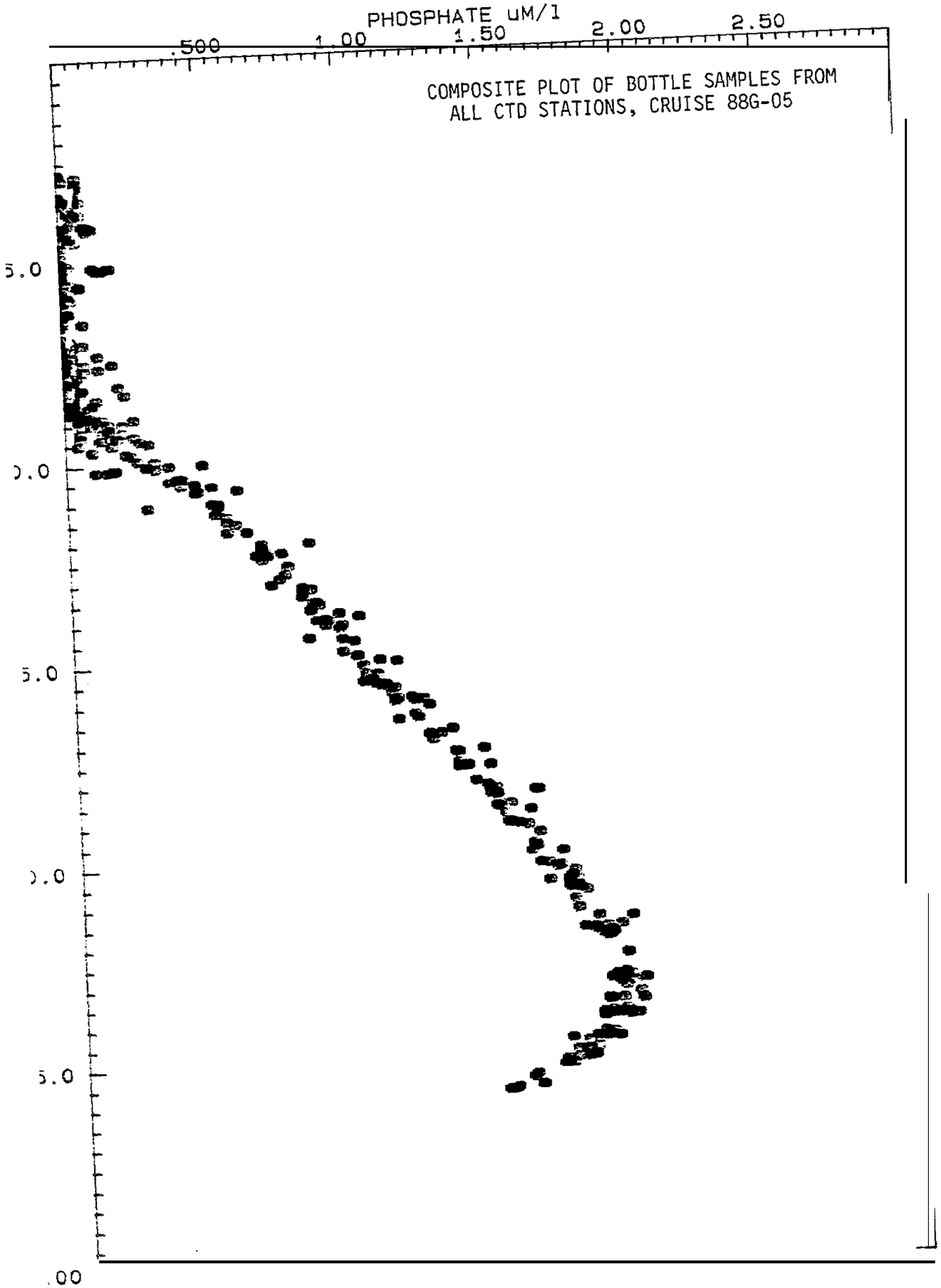


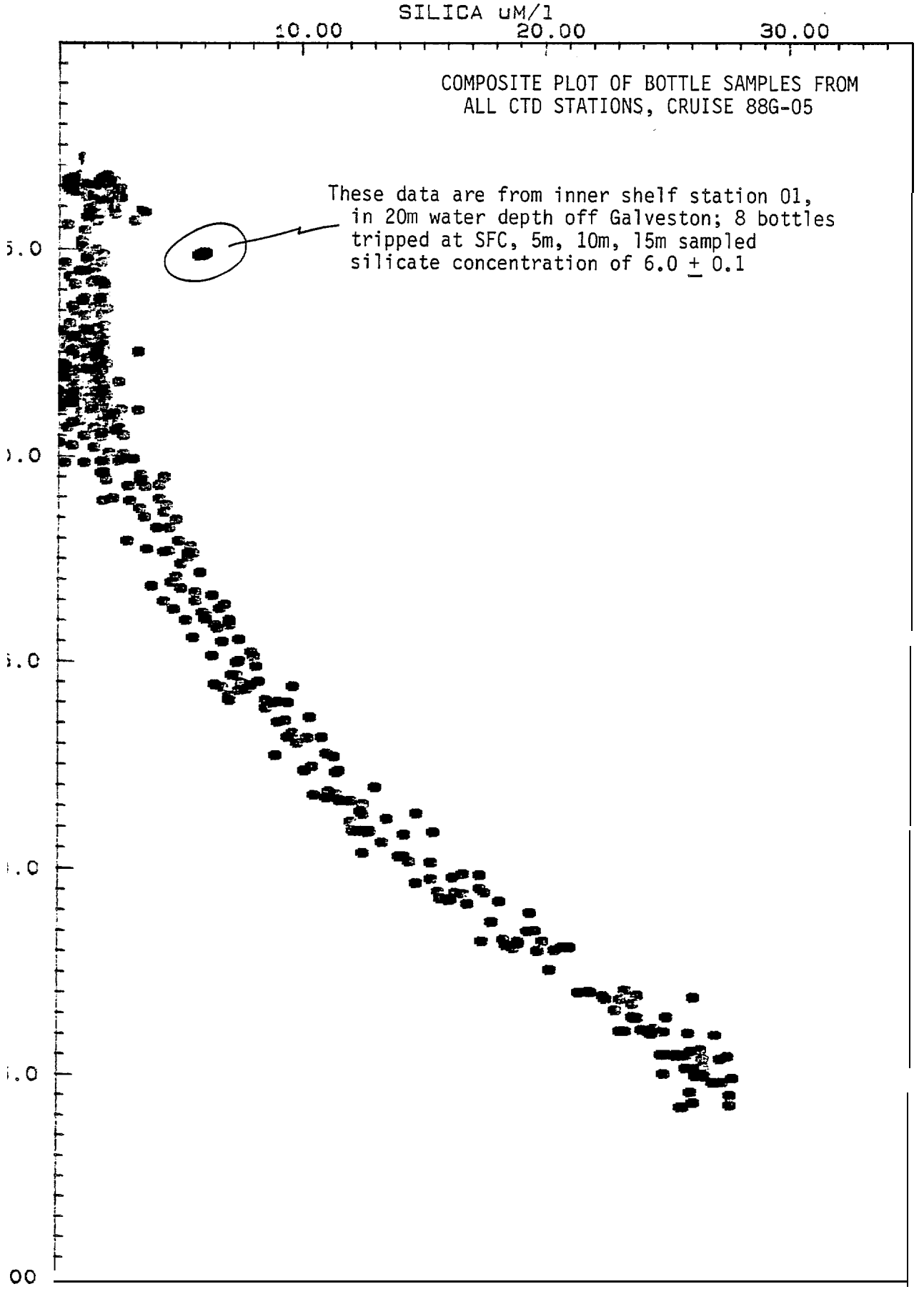
CRUISE: 88G5 STATION: B88G05*050*1 DATE: 23OCT88
LATITUDE: 27 39.3 LONGITUDE: 97 2.0


98 W
97 W
96 W
95 W
94 W
93 W
N
R/V GYRE Cruise 88G-05
showing CHL (mg m^{-2}) integrated from surface to 100m (or to the bottom if depth was less than 100m)
6
18
22
20
25
54
33
13
12
24
32
32
23
24
17
19
21
22
16
21
17
13
Average integrated CHL at stations with water depth greater than 500m = 19 ± 4 (n = 10)


98 W
97 W
96 W
95 W
94 W
93 W
R/V GYRE Cruise 88G-05
Nitrate concentration at 100m, from bottle samples taken with CTD rosette multisampler or estimated from NO_3-temp plots (Stations 28 and 30)
3.9 at 86m
approx 5
5.3
6.8
5.0
3.0 at 96m
4.1
0.3
0.1
5.7
0.1
0.1
0.3
1.3
0.1
0.4
0.2
1.9


NITRATE uM/l
10.00
20.00
30.00
COMPOSITE PLOT OF BOTTLE SAMPLES FROM
ALL CTD STATIONS, CRUISE 88G-05
.0
.0
.0
.0
.0
00


PHOSPHATE uM/l
.500
1.00
1.50
2.00
2.50
COMPOSITE PLOT OF BOTTLE SAMPLES FROM
ALL CTD STATIONS, CRUISE 88G-05
5.0
.00

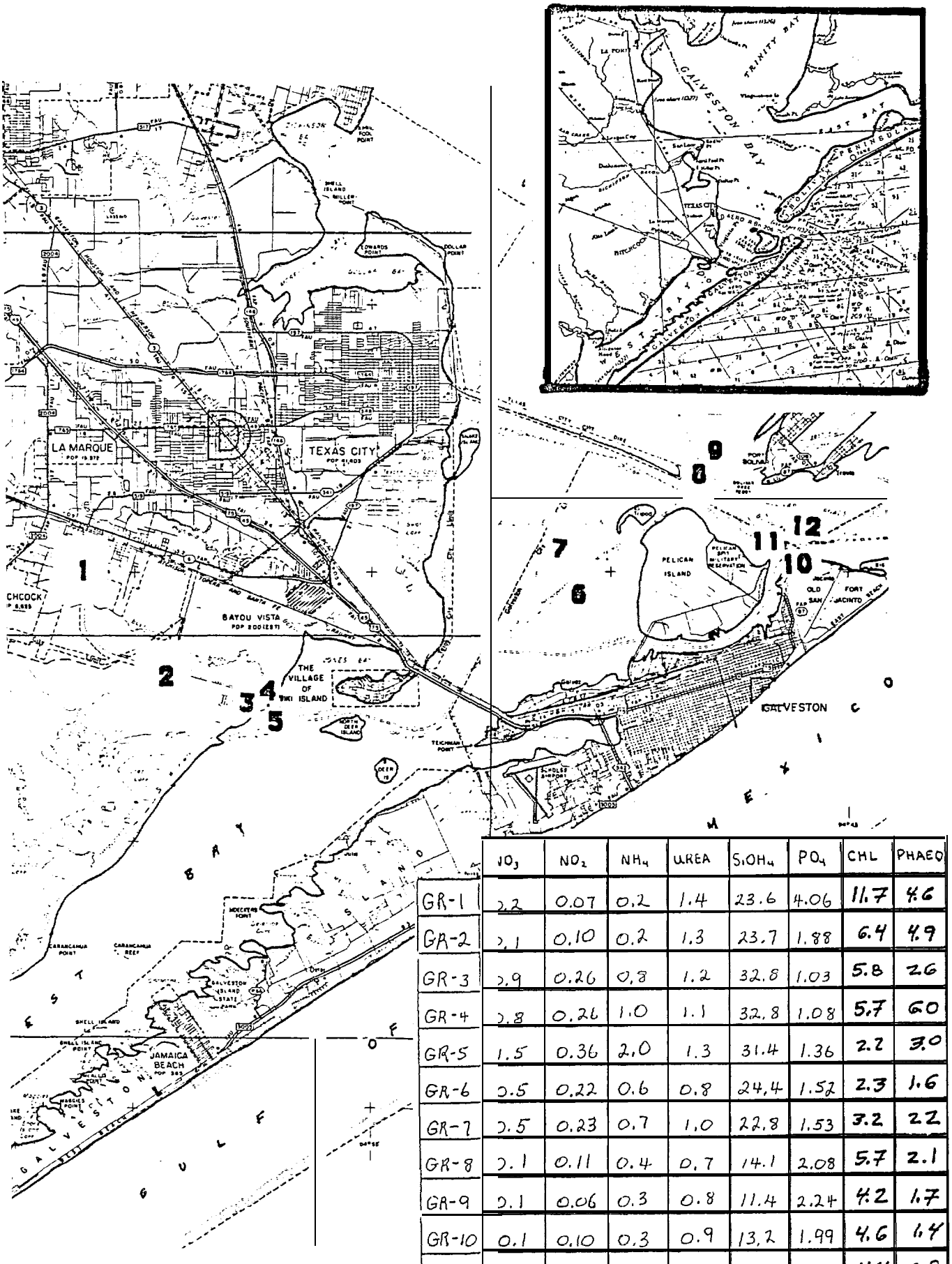

SILICA uM/l
10.00
20.00
30.00
COMPOSITE PLOT OF BOTTLE SAMPLES FROM
ALL CTD STATIONS, CRUISE 88G-05
These data are from inner shelf station 01,
in 20m water depth off Galveston; 8 bottles
tripped at SFC, 5m, 10m, 15m sampled
silicate concentration of 6.0 ± 0.1

GALVESTON BAY SAMPLING

In a cooperative program with Texas A&M University at Galveston, a dozen samples for chlorophyll + nutrients were analyzed during GYRE cruise 88G-05 that had been collected 12 October from the southern part of Galveston Bay by Dr. L.L. Griffin and Dr. A.M. Landry. These researchers had filtered 250 ml of bay water onto GF/C filters, which were then frozen until processed at sea for CHL/PHAEO on 88G-05. About 50 ml of the filtrate from each of these collections had also been frozen, in screw-cap plastic bottles, and we processed these filtrates within a week of their collection with our six-channel AA-II at sea on 88G-05.

The summary of analytical results on the page which follows presents nutrients concentrations as µm/liter, and CHL and PHAEO as ug/liter. Note that in mid October 1988 the southern part of Galveston Bay had high silicate and high phosphate concentrations, and standing stocks of chlorophyll greater than 2 mg m-3. Reference back to the main body of this Tech Report will show that at GYRE Station 01 (28 54'N, 94 20'W, due south of Galveston Bay in 20m of water over the inner shelf) we also report high silicate concentrations, relative to those that would be expected from our silicate-temperature plot for the NW Gulf of Mexico.

SAMPLE	SAMPLING SITE
GR-1	Highland Bayou Diversionary Canal (HBDC), about 6-7 km upstream and adjacent to sewage treatment plant; surface sample, midstream
GR-2	HBDC, about 3 km downstream from GR-1; surface sample, midstream
GR-3	Mouth of HBDC; surface sample, midstream
GR-4	Mouth of HBDC; sample taken about 2m off bottom in 18m depth, midstream
GR-5	West Bay, about 0.1 km from mouth of HBDC; surface sample
GR-6	West Bay, at marker #4 adjacent to Intracoastal Waterway; surface sample
GR-7	West Bay, at marker #7 about 1-2 km north of Pelican Island; surface sample
GR-8	Galveston Bay, just north of Houston Ship Channel marker #25; surface sample
GR-9	Galveston Bay, just north of Houston Ship Channel marker #26; surface sample
GR-10	Bolivar Roads, just off entrance to Galvest on Ship Channel; surface sample
GR-11	Bolivar Roads, just south of Houston Ship Channel marker #16; surface sample
GR-12	Bolivar Roads, just north of Houston Ship Channel marker #16; surface sample



	NO_3	NO_2	NH_4	UREA	$SiOH_4$	PO_4	CHL	PHAEO
GR-1	0.2	0.07	0.2	1.4	23.6	4.06	11.7	4.6
GR-2	0.1	0.10	0.2	1.3	23.7	1.88	6.4	4.9
GR-3	0.9	0.26	0.8	1.2	32.8	1.03	5.8	2.6
GR-4	0.8	0.26	1.0	1.1	32.8	1.08	5.7	6.0
GR-5	1.5	0.36	2.0	1.3	31.4	1.36	2.2	3.0
GR-6	0.5	0.22	0.6	0.8	24.4	1.52	2.3	1.6
GR-7	0.5	0.23	0.7	1.0	22.8	1.53	3.2	2.2
GR-8	0.1	0.11	0.4	0.7	14.1	2.08	5.7	2.1
GR-9	0.1	0.06	0.3	0.8	11.4	2.24	4.2	1.7
GR-10	0.1	0.10	0.3	0.9	13.2	1.99	4.6	1.4
GR-11	0.1	0.09	0.3	0.8	12.2	2.02	4.4	0.8
GR-12	0.1	0.08	0.3	0.9	11.7	2.03	4.0	1.0

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