

**FRENCH-INDONESIAN COOPERATION**

**CENTRE NATIONAL  
DE LA RECHERCHE  
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INSU**

**BPPTechnologi  
AGENCY FOR THE ASSESSMENT  
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**Université  
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**Lembaga Ilmu Pengetahuan Indonesia  
Indonesian Institute of Sciences**

**Laboratoire d'Océanographie  
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UMR 7617**

**Pusat Penelitian Dan Pengembangan  
Oseanologi ( P3O -LIPI )  
Centre for Oceanological Research  
and Development**

**DATA REPORT**  
**JADE 95 CRUISE**

**on board the R/V BARUNA JAYA I**

**4 November - 3 December 1995**

**Volume 1 : Hydrology**

**by  
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Fax Number: 33-1-4427 3805  
Attention : Prof. M. Fieux  
From : Dr. A.G. Ilahude

Date : September 20, 1995.  
Page : 1 of 1 page  
Subject : JADE 95

Dear Michele,

Thank you very much for your fax of Sept. 19 and in responding to it I would like to inform you the following :

1. You as the chief scientist is the only one to fill in the questioner. The rest of the member can fill in the questioner when they arrive in Jakarta.
2. It is O.K. with us (Pak Basri Ganie and me) if you feel that it would be easier for you if you send your equipments through the French Embassy.
3. We are very glad and thankful to know that you have managed to borrow a calibrated Guildline CTD and bring it with you to Jakarta. In that case we can indirectly calibrate both of our CTD at the Baruna Jaya I and II during our next cruise.
4. I will prepare the JADE 92 oxygen data and send it to you.
5. I believe Pak Basri will agree with the 6th November as starting date of our JADE 95 cruise, so that the plan will be as follow:

First leg of JADE 95 : 6 to 18 Nov. --- Jakarta - Kupang

Two days stay in Kupang : 18 to 20 Nov.

Second leg of Jade 95 : 20 to 2 Dec. --- Kupang to Kupang.

I will consult Pak Basri about this proposal.

6. According to her fax of 8 September to me, Nan Bray scheduled her equipments to arrive in Jakarta at the first week of October. So I think there will be no problem if she "would like to load the ship on the 3rd of November", since it can be done even earlier than that. "Baruna Jaya I" will be in Surabaya from 25th September to 15th October for maintenance docking.

Yes, I took a 3-week vacation last and this month but hardly used it for going out, away from Jakarta. There was the Sixth National Science Congress to attend to (11 to 15 September) and two coming Seminar to prepare to (October : Japan - Indonesia workshop on the throughflow and in November : National Marine Seminar, to which I only submit a paper but not to attend). I hope to see you at the October Workshop. Toutes mes amitiés à vous et Robert.

cc. Pak Basri Ganie  
Dr. Nan Bray.

Sincerely yours,

Gani



**Map of the stations**

**Cruise report**

**Calibration and data reduction**

**Listing of data for each CTD station**

**Vertical profiles of  $\theta$ , S,  $O_2$ ,  $\sigma_\theta$  for each station**

**$\theta$  - S,  $\theta$  -  $O_2$  et S -  $O_2$  diagrammes for each station  
and for all the stations**

**Horizontal distribution of Salinity on different  $\sigma_\theta$  levels**

Stations CTD BARUNA JAYA 1 (Nov 1995)

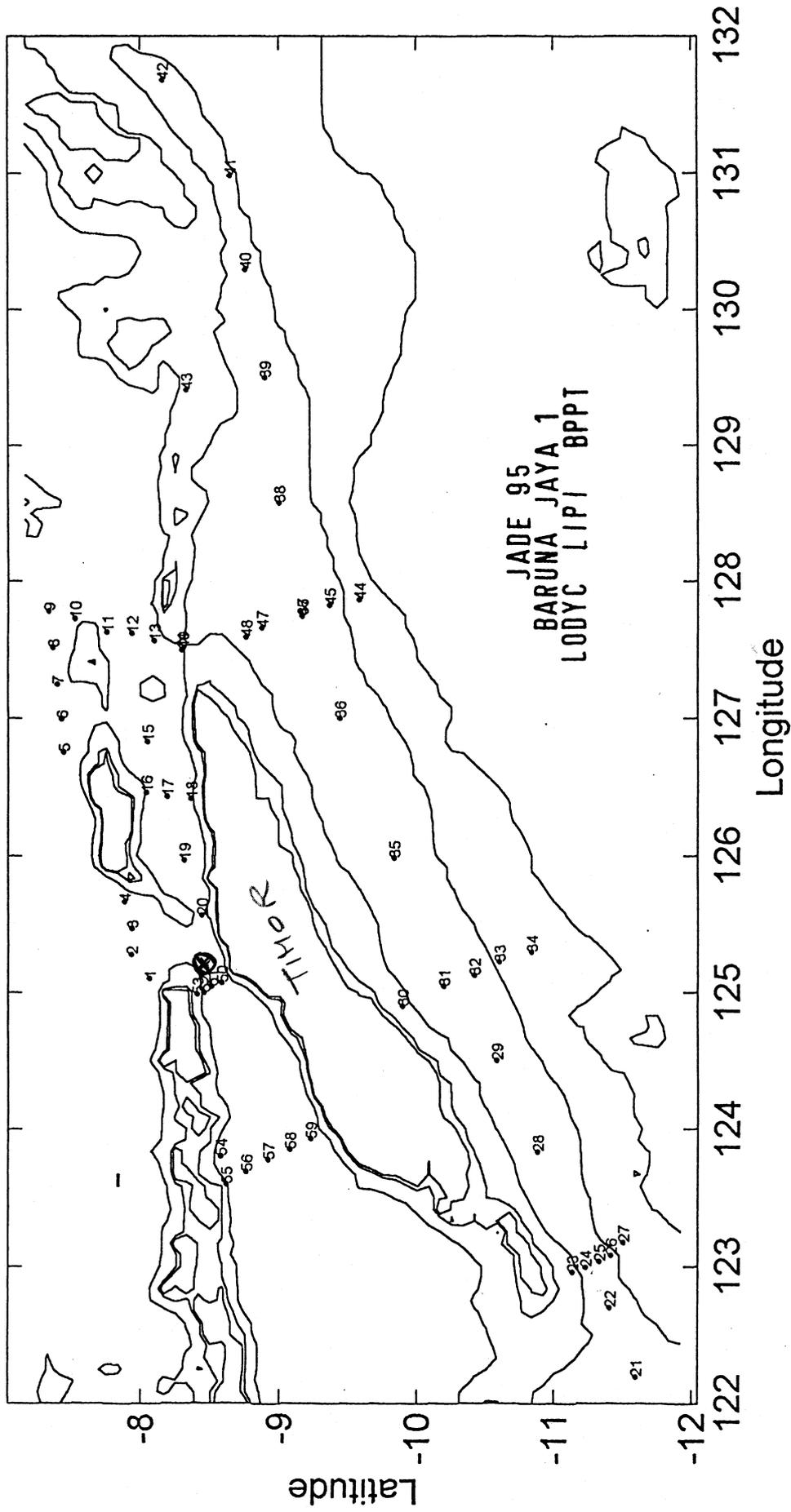


Figure 1 - Location of the hydrological stations

8.30 S  
125.09 E

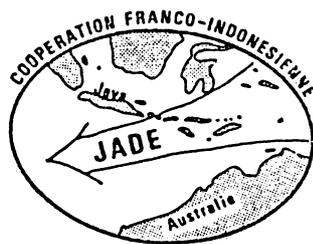
FRENCH-INDONESIAN COOPERATIVE INVESTIGATION  
IN PHYSICAL OCEANOGRAPHY

**JADE 95 CRUISE**

on board the  
**R/V BARUNA JAYA I**

7 November - 2 December 1995

**CRUISE REPORT**



On board the Baruna Jaya I, the 1st of December 1995

**Michele Fieux**

## I - OBJECTIVES OF THE CRUISE

The JADE 95 cruise is carried out under the « Arrangement between the Government of the Republic of France and the Government of the Republic of Indonesia on Scientific and Technological Cooperation » signed in Jakarta on July 13th, 1988, extended in July 1991 and in July 1994.

The objective of the JADE (Java Australia Dynamic Experiment) programme is the study of the throughflow between the Pacific Ocean and the Indian Ocean which represents a fundamental link as well in the study of the general oceanic circulation (WOCE programme) as in the climatic studies which are related to it (TOGA programme, Global Change, CLIVAR). It includes the measurement of the characteristics of the water masses to study their origin and their mixing. It also includes direct current measurements in narrow and deep straits linking the Banda Sea and the Indian Ocean.

A scientific collaboration between French and Indonesian scientists permit to carry out two cruises on board the Marion Dufresne in 1989 and in 1992, and three cruises on board the Baruna Jaya I in 1990, 1992, 1993

The JADE 95 cruise on board the R/V BARUNA JAYA I is the fifth cruise of the JADE programme.

The specific objectives of this cruise were:

- to measure the evolution of the water masses along the two routes from the south Banda Sea to the Indian Ocean through the Wetar Basin and Ombai Strait into the Sawu Sea, and through the different passages into the Timor Sea (see the stations location on Figure 1).

- to measure the currents in both deep passages north and south of Timor, i.e. in Ombai strait and Timor Passage, to determine the partition of the throughflow going from the Banda Sea toward the Indian Ocean.

## II - SUMMARY OF THE CRUISE

### 1) First leg

Two of us were welcomed on board by Captain Daryanto on the 6 November when the 181 pieces of equipment (brought by Karga Walon Agent) were loaded on board. Two pieces were missing, they were found at the airport on the 7 morning while the american container was loaded for the next cruise. We embarked on the same day at 03.00 and checked the weights which had been prepared in Jakarta. The R/V BARUNA JAYA left Tanjung Priok, Jakarta, at 16.30 on the 7 November 1995 for a 12 days leg. The list of the French and Indonesian participants is given in Annex 1. The cruise objectives were presented during a short meeting on the 8 November.

To test the CTD cable and to wrap it on the drum as smoothly as possible under tension, a deep location along the route towards Alor was choosen in the Flores Sea. It was only 4354m deep so we could not pay out more than 4000m of cable (with 100 kg at the end of the cable). Due to the bad wrapping below 4000m it took nearly 1500m to recover a correct spooling, at least in the middle of the drum. The operation, done on the 10 November, took 6 hours and lead to the decision of reducing the depth for most of the stations of the first leg down to 1300m because of the time consuming when loading the cable on the winch, and to reduce the number of stations. After the installation of the french calibrated Guildline CTD associated to the indonesian deck unit and HP and PC recorders, a test station down to 1000m was done north of Flores on the 11 November.

The CTD stations started north east of Alor on the 12 November, and continue north-east of Wetar, in the south Banda Sea, then towards east of Timor, between Timor and Leti and in the Wetar Basin. 20 stations were carried out during the first leg (see Figure 1). When the station was deeper than 1000m, there was sometimes a problem of memory on the PC ; in that case the HP version was copied through the french HP system. To calibrate the CTD along the cruise, salinity samples were measured with a Guildline Autosol salinometer.

During the same period the currentmeters were started and the moorings were prepared on the deck with the steel cable on one winch and the synthetic cable on the other winch.

A lot of Niskin bottles were leaking either at the bottom or because some handles were broken and the taps were difficult to manover. They were all taken out and carefully oiled with silicone but spare parts should be acquired to keep them in correct use.

Before arriving on the mooring site, the description of the mooring launching operations were discussed during a short meeting on the 15 th of November. On the mooring site, in Ombai Strait, a bathymetric survey has been carried out (Figure 2 and 3) together with estimation of the ship drift at several locations near the axis of the Strait and at different times of the tide to be ready for the launching the next morning (Figure 4).

Mooring M3 included 6 Mors currentmeters and 1 Aanderaa currentmeter spread between 310m and 2010m with a Mors acoustic release; for security, an Argos beacon was installed on the top subsurface buoy which will start to emit only when the buoy arrives at the surface if the mooring get broken during the period of measurements (Figure 4). The currentmeters were started at 6.00 (LT=GMT +8) on the 16 November. The deployment of mooring M3 started at 8.00 on the 16 November and the weight was launched at 14.43, at 8°28'53''S - 125°06'00''E with a depth of 3285m. After another bathymetric survey near the second launching point and further estimations of the ship drift during the night, the deployment of the second mooring M2 with an ADCP at the top started at 7.40, on the 17th of November. The weight was launched at 11.51 (3255m) and the first three packages of buoys sunk, but few minutes later came back up at the surface! The Captain sent the ship launch immediately to retrieve the mooring lying at the surface. The mooring was back on board at 16.13. The steel cable broke just above the acoustic release which was lost with 1300m of synthetic cable and the weight. As we had only one acoustic release and one weight left, the decision was taken to cancel the Timor mooring and to try to reinstall the ADCP mooring in the south of Ombai Strait during the second leg to get the currents in the upper layer.

We arrived in Kupang on the 18 November for refillment and to embark two americans, Thomas Moore and Paul Harvey, for the two days work of the Arlindo programme to be carried out during the second 12 days JADE leg. To get their equipment out of the container embarked in Jakarta, they had to pick up the container from the hole with a crane from Kupang and they unloaded it on the quay on the 19. The water was supplied on the 20 morning.

## 2) Second leg

The ship left Pelabuhan Tanau (Kupang) at 11.25 on the 20 for the second leg.

Stations 21 and 22 were done on the Indian Ocean side of the Timor Passage. Three sections across the width of the Timor Sea were carried out (stations 23 to 27, 30 to 34 and 44 to 49) and along the Timor Sea axis up to Tanimbar islands (st. 21,22,24,28,29,31,35,36,37,38,39,40,41,42)(see Figure 1). A list of the stations is given in Annex 2. We encountered the same problems with the PC recording and had to go through the HP to recover the data of several stations. At station 21 the pressure sensor



installed on Niskin bottle 1 cracked and was replaced. At the end of station 25 the salinometer was not functioning well and we had to check the pumps and the air circuit; the cell was rinsed with a Decon solution as bubbles start to form. At station 30 the Suber rosette started to disfunction and continued at station 31. It was opened between station 31 and 32 but could not be fixed in such a short time, so it was not used during the stations 32, 33 and 34. During the route between station 34 and 35 it was fixed and sampling was carried out again at station 35. The americans carried out a test of their towed ADCP after station 35 for two hours at different speeds up to 8 knots but it could not be towed faster. At station 39 the rosette sampler disfunctionned again, and three batteries were changed. A complete set of batteries is needed on board; The cables for the Ombai mooring were prepared on the two winches, using part of the Timor mooring cable to replace the cable lost. At station 42 the conductivity of the CTD was out of range. The sea surface was covered with oil. After rinsing the CTD cell with a detergent and moving the ship to a cleaner place, the values were correct again. The ship had to stop for two hours to repair a leak of oil in the engine. To keep enough time in Ombai Strait, one station was deleted on the section east of Timor. After the station between Timor and Leti a bathymetric cross section of the middle of the strait was done to see if there was a deeper passage. Indeed east of station 49, closer to Leti than to Timor, there was a steep trench down to 1504m, too steep to dare to send the CTD without a pinger.

Then we steamed directly to Ombai Strait where we estimated ship drift every 30 minutes from the chosen mooring position before dawn. The surface drifts were 2 to 3 knots East and South-East. The currentmeters were started at 6.00 (LT=UT+8) on 28 November. The GPS was not working for a while and the surface current turned to the north, so the launching of the M2 mooring (Figure 5) started at 7.58; the weight was launched at 11.17 with a depth of 3305m. At 13.45 the americans, Thomas and Paul, went to the coast of Timor with their rubber boat to look for a site to install a pressure gauge. Then the 4 CTD stations across the strait were finished at 01.25 on 29 November.

The next morning, the americans, Paul and Thomas, left on the rubber boat with the pressure gauge to install it near Tg Parimbala on the north coast of Timor. They came back at 10.15. We went to the north of the strait, to look for a good site on the coast of Alor. The weather was fine and they decided to try to install the second pressure gauge directly in the afternoon. They started at 14.00 and came with the instrument because the slope was too steep to launch it at that location. They were back at 16.00 and as they needed to prepare for the next day no ADCP sections were carried out. So one station in the middle of the strait for comparison with the Indonesian CTD was decided. On the 30 November, they installed the second pressure gauge on the coast of Alor.

The last section across the Sawu Sea was carried out just before arriving in Kupang on the 1 December around 21.00. All together 59 stations were carried out and two deep currentmeter moorings were installed in Ombai Strait.

### III - SOME PRELIMINARY RESULTS

#### 1) CTD data

On the two sections A(st1 to 4) and B (st 5 to 9) done in the south Banda Sea the water masses are similar below  $T=6^{\circ}\text{C}$ . Above, the salinity maximum of the North Pacific Subtropical Water (NPSW) and the salinity minimum of the North Pacific Intermediate Water (NPIW) are much less marked on section B than on section A which is closer to Makassar Strait. The vertical mixing is stronger in B than in A. The subsurface salinity minimum and the salinity in the thermocline is also lower near Alor

than east of Wetar. On section C (st 9 to 14), in the thermocline, between 23° and 15°C, the stations are similar. On section D (st 15 to 20), in the Wetar Basin, water masses below 20°C are similar to section C, but above, the subsurface minimum disappears and the water masses are more saline than on section C perhaps due to the influence of water from the south. On the Roti section (st 23 to 27) the salinity is homogeneous between 8° and 18°C and corresponds to the throughflow water; between 8° and 4°C there is a transition layer between the throughflow water and the Deep Indian Ocean Water which appears below 3°C. In the east of Timor Sea, appears a high subsurface salinity maximum due to the influence of the water formed in the Arafura Sea where evaporation exceeds precipitation. At depth, as the basin becomes shallower towards the sill with the Aru basin, the characteristics of the Indian Ocean Deep Water disappears.

The calibration of the CTD needs all the salinity measured with the salinometer to compare with the CTD measurements. This will be done after the end of the cruise as well as the calibration of the Indonesian Guildline CTD and will be send soon to our Indonesian Colleagues in BPPT and LIPI.

## 2 ) Bathymetry of Ombai Strait

Before launching the two moorings in Ombai Strait it was necessary to get a bathymetric survey of the area. The track of the survey with the depths is shown on Figure 2. The isobaths every 100m are shown on Figure 3. The Ombai Strait in its narrowest part between Alor and Timor is very steep on both sides with a nearly flat bottom in between, around 3280m. We choose to install the moorings on the northern and southern ends of the flat part (M2 and M3 on Figure 4).

## 3 ) Surface drift in Ombai Strait

The day before the launching, during the bathymetric survey, several ship drift were carried out for at least 20 minutes around the axis of the strait. There was no wind, so the ship drift corresponds closely to the actual surface current. The currents were strong, reaching 3 knots towards the west, south and southwest during the period between the 15 November at 12.00 and the 17 November at 5.00 (Figure 5). On the 28 November, the surface drift were as strong towards the East and South-East. The tides seems to influence strongly the surface current in the strait.

## IV - CONCLUSION

Among the objectives of the cruise, most of them were reached and it is due to the excellent cooperation with our Indonesian colleagues and the crew of the ship. But the breaking of one of the mooring cable prevented us to get the partition of the flow through the two passages north and south of Timor. We hope to get the current structure in Ombai Strait and its annual variability when we will retrieve the two moorings at the beginning of 1997.

## V - ACKNOWLEDGMENTS

We wish to specially thank Captain Daryanto and his crew for their warm hospitality and their generous support during all the cruise particularly during the moorings deployment which was crucial for the programme.

We greatly appreciate the hard work done by the Indonesian team led by Dr. Abdul Gani Ilahude on the CTD stations with Mustafa, Jonathan, Tatang, Fadli, Wahyu and Handoko, on the oxygen and nutrients measurements with Mardanis and

Rusmintardi, and on the sampling and salinity measurements by Lt. Cortje, Djoko Cahyadi, Sri Kuntjoro and the students Agus Prasetyo, Haslinda and Winadi, and the great help they provide with enthusiasm during the mooring deployments.

We wish to thank Philippe Garnier, Conseiller Scientifique Technique et Culturel à l'Ambassade de France for his help in the organization of the cruise.

We acknowledge the great support of INSU who allowed to get the specific equipment for this programme and who authorized the very efficient and crucial participation of Claudie Bournot. We also acknowledge the support of the French Ministry of Foreign Affairs and of Ifremer for supporting the cruise.

Professor M.T.Zen and his team at BPPT led by Ing. Basri Ganie, have been supporting this Franco-Indonesian cooperative programme since the beginning and have put a lot of continuous efforts in the fulfilment of the scientific cooperation, we wish to thank them warmly at the end of this successful cruise.

## Annex 1

List of the Participants**1) French participants:**

Michele Fieux (Chief Scientist)	LODYC, CNRS, Paris
Robert Molcard	LODYC, CNRS, Paris
Claire Levy	LODYC, CNRS, Paris
Claudie Bournot	INSU, Brest
Jacky Lanoiselle	LODYC, CNRS, Paris

**2) Indonesian participants:**

Dr. Abdul Gani Ilahude	P3O-LIPI	Leader of the Team
Ir. Wahyu Pandoe Widodo	TISDA-BPPT	Engineer for ADCP
Ir. Fadli Syamsudin	TISDA-BPPT	Engineer for CTD
Ir. Handoko Manoto	TISDA-BPPT	Engineer for CTD
LtN. Cortje	DISHIDROS	Oceanografi
Djoko Cahyadi	DISHIDROS	Oceanografi
Mardanis	P3O-LIPI	Nutrient analysis
Rusmintardi	P3O-LIPI	Oxygen analysis
Mustofa	TISDA-BPPT	CTD operation
Tatang Sutardi	TISDA-BPPT	CTD operation
Sri Kuntjoro	TISDA-BPPT	CTD operation
Jonathan Rori	TISDA-BPPT	CTD operation
Agus Arief Prasetyo	Univ.Diponegoro, Semarang	sampling
Winadi Budi Santoso	Univ.Hang Tuah, Surabaya	sampling
Haslinda Nedsabawa	Univ.Hang Tuah, Surabaya	sampling

Stations CTD BARUNA JAYA 1 (Nov 1995)

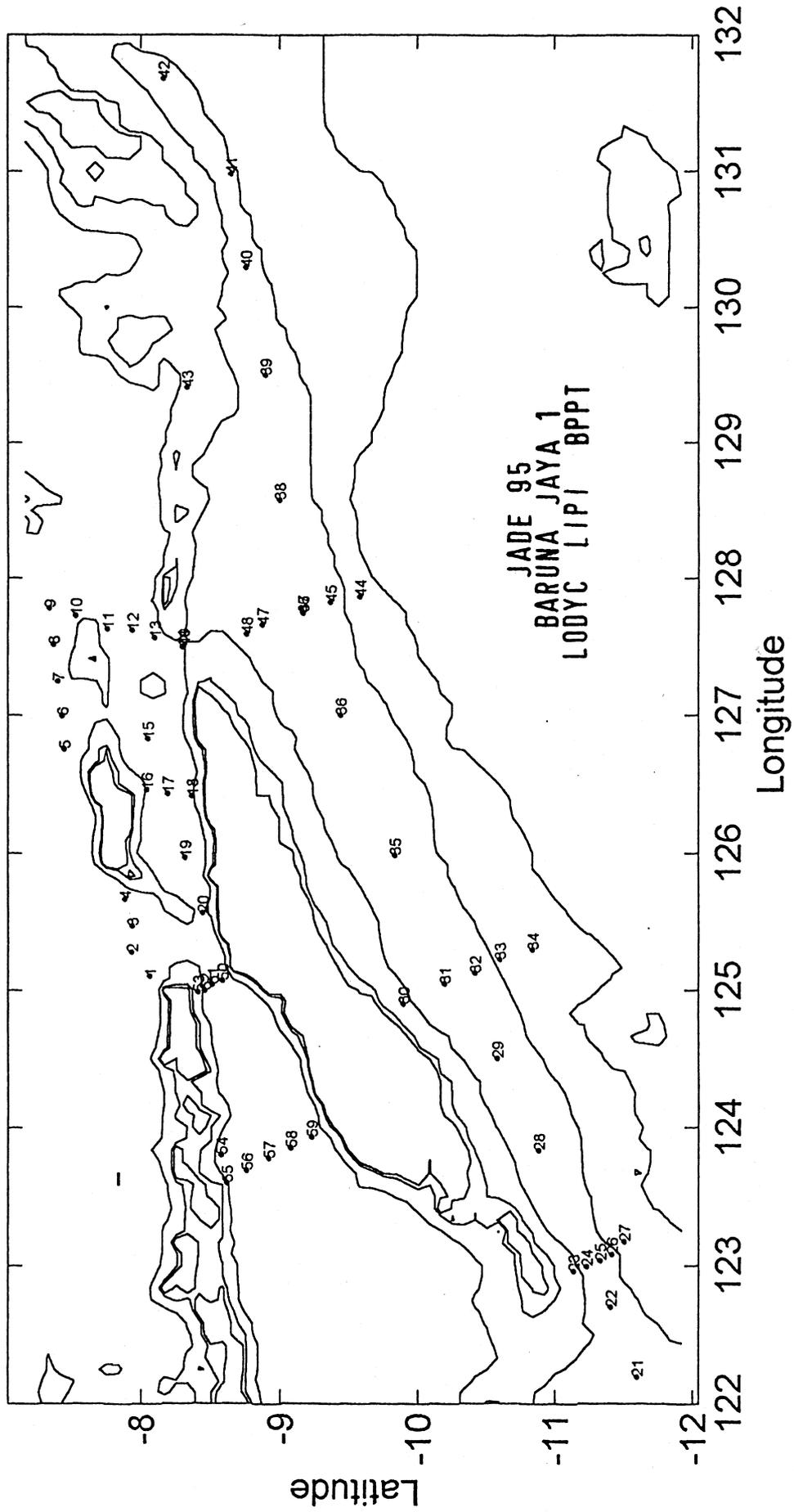


Figure 1 - Location of the hydrological stations

JADE 95  
 BARUNA JAYA 1  
 LODYC LIPI BPPT

BATHYMETRIE (maille 1x1 minute)

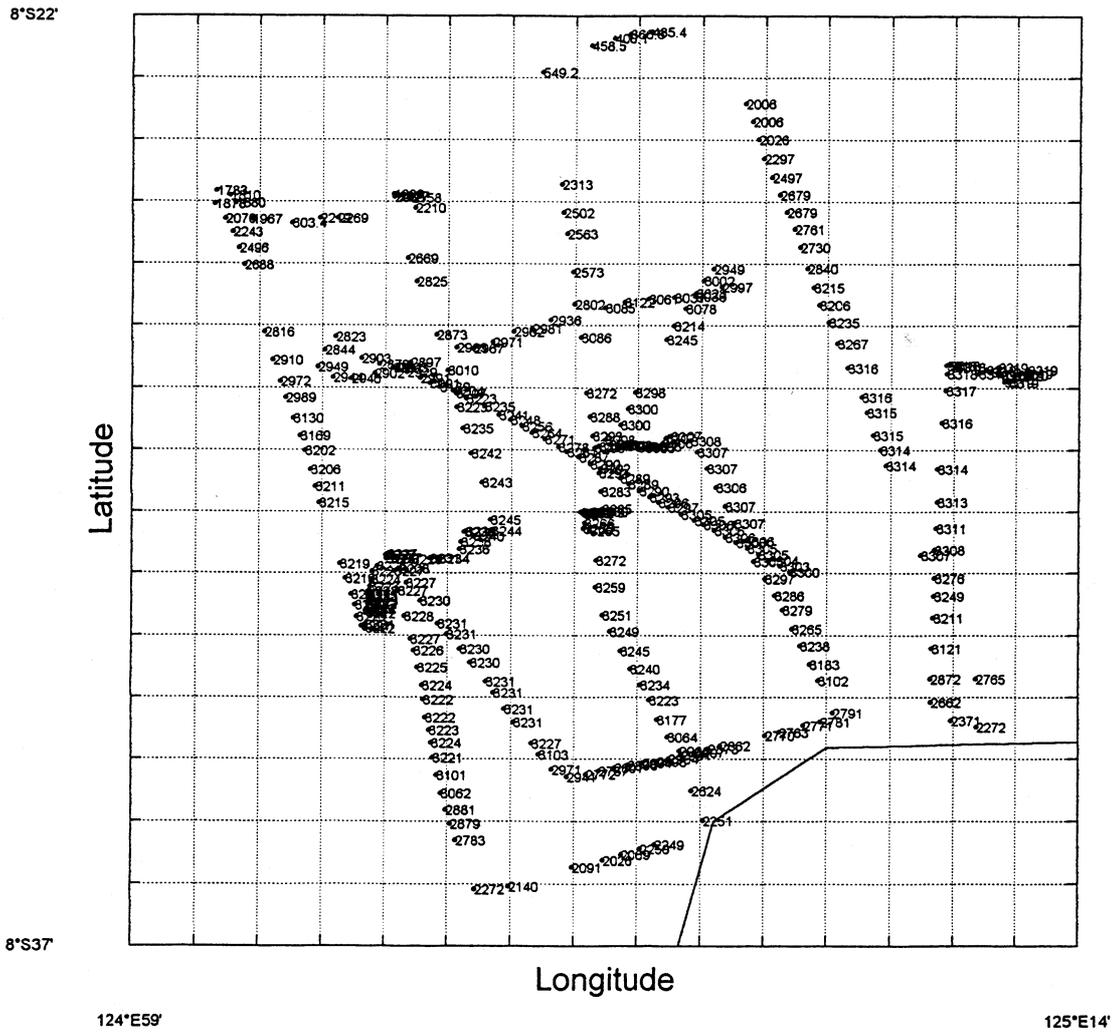


Figure 2 - Route of the bathymetric survey

# BATHYMETRIE (maille 1x1 minute)

3°S22'

8° 30'

S37'

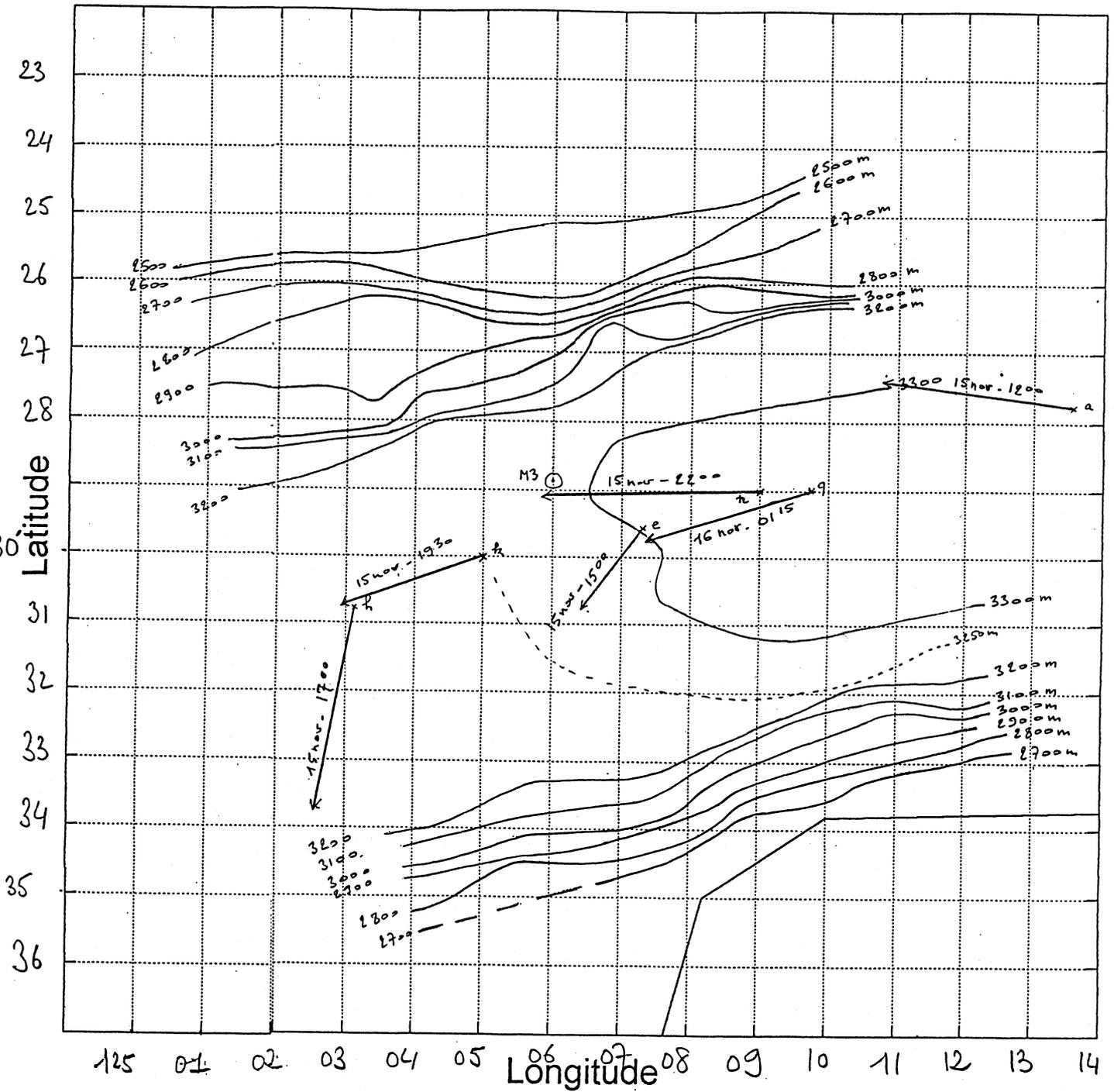


Figure 3 - Bathymetry of the narrowest part of Ombai Strait, below 2500m with isobath every 100m (16 November 1995)

JADE 95  
 BARUNA JAYA 1  
 LODYC LIPI BPPT

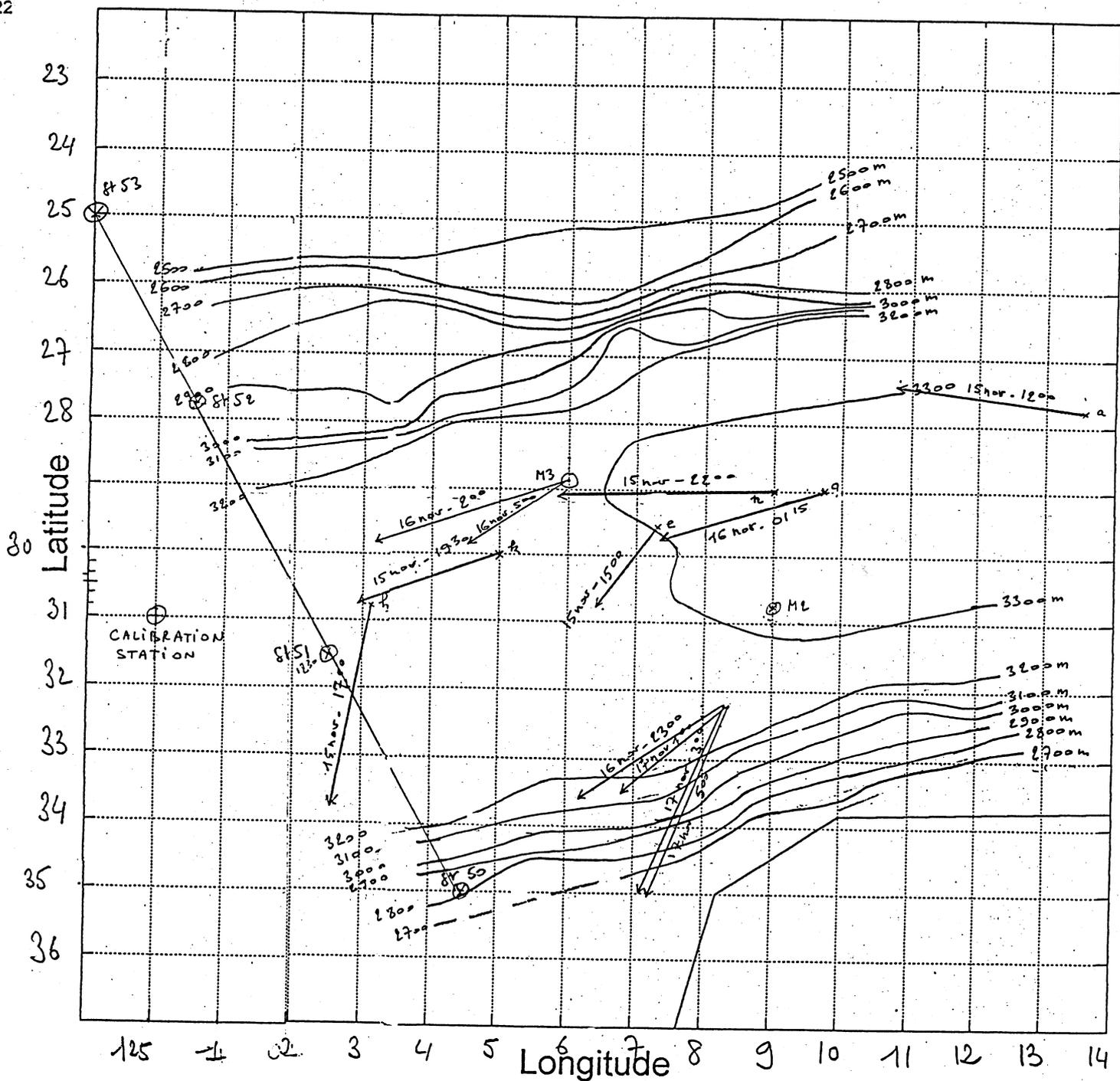


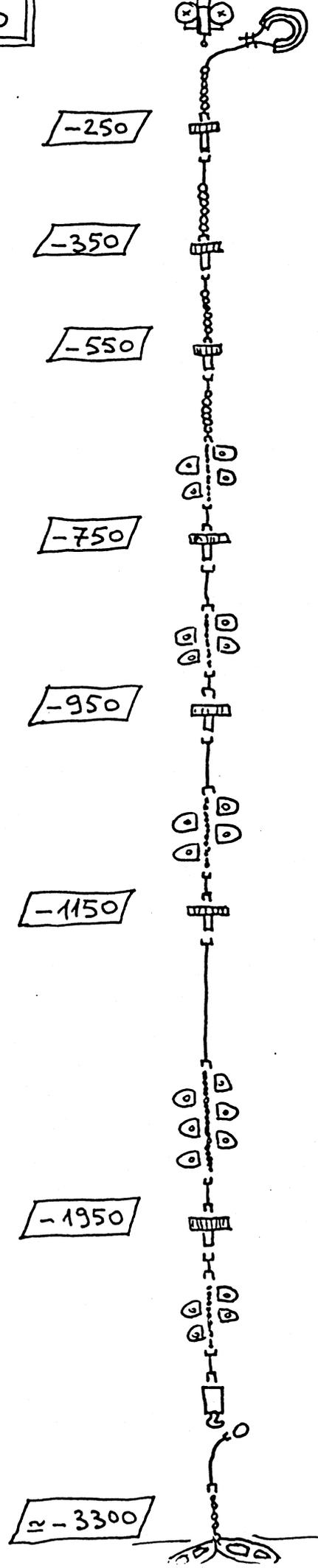
Figure 4 - Ship drifts in Ombai Strait

JADE 95  
 BARUNA JAYA 1  
 LODYC LIPI BPPT



M 3

Balise trigon n°: 21067 ORCA



10 m acier 6 CF16

-250

100 m acier 6 CF16

-350

200 m acier 6 CF16

-550

175 m acier 6 CF16

4 Benthos

20 m acier

-750

175 m acier

4 Benthos

20 m acier

-950

175 m acier

4 Benthos

20 m acier

-1150

775 m acier

JADE 95  
BARUNA JAYA 1  
LODYC LIPI BPPT

6 Benthos

20 m acier

Largage du lest
$\varphi = 8^{\circ} 28' 53'' S$
$G = 125^{\circ} 06' 00'' E$
16 nov 1995

-1950

20 m acier

4 Benthos

20 m acier

languem n°: 102

PARAFIL ajust.  $\approx 1305$  m

~ -3300

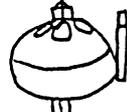
Figure 5 - Mooring M3 design

OMBAL

Balise ARGOS n°: SN: 012  
ID: 11429

ADCP n°: 514

-250



100 m acier  
20 m acier  
20 m acier  
4 Benthos

-415

MC 786

175 m acier  
4 Benthos

-615

MC 784

20 m acier  
175 m acier

6 Benthos  
4 Benthos

-820

MC 482

20 m acier  
175 m acier  
4 Benthos

-1020

Aa 11862

20 m acier  
175 m acier  
4 Benthos

-1220

Aa 11863

20 m acier  
250 m acier  
250 m acier  
300 m acier  
6 Benthos

-2045

MC 478

20 m acier  
400 m acier  
6 Benthos

-2470

MORS n°103

20 m acier  
PARAFIL ajust. ≈ 825 m

≈ -3300



Début mouillage
Date : 28 Nov 95
Heure TU +8 7 <sup>h</sup> 58
φ : 8°31'10"
λ : 125°08'33"
Sonde : 3287 m

Largage du lest
Heure TU +8 = 11 <sup>h</sup> 17
φ : 8°30'42" S
λ : 125°09'01" E
Sonde : 3306 m

JADE 95  
BARUNA JAYA 1  
LODYC LIPI BPPT

Figure 6 - Mooring M2 design

SATUAN SURVEI HIDRO OSEANOGRAFI  
KAL. BARUNA JAYA - I

DAFTAR RIIL KEKUATAN PERSONIL KAL. BARUNA JAYA I  
OPS. SURVEI JADE - 95 ARLINDO PHASE II.

NO.	NAMA	PANGKAT/KORPS/NRP/NBI	JABATAN	KET.
1.	DARYANTO	MAYOR LAUT (P) 9484/P	KOMANDAN	
2.	EDY SUPRIHARYANTO	KAPTEN LAUT (P) 10208/P	PALAKSA	
3.	SUGIANTO	KAPTEN LAUT (E) 9299/P	KADEP EKA	
4.	BUDI MULYADI	LETTU LAUT (P) 10091/P	KADEP OPS	
5.	BUDI JOKO SEPUTRO	LETDA LAUT (A) 10786/P	KADEP LOG	
6.	PUJIANTO	LETDA LAUT (T) 10958/P	KADIV MPK	
7.	SUGENG	LETDA LAUT (T) 11566/P	KADIV MPB	
8.	M. HARAHAP	LETDA LAUT (P) 11388/P	KADIV OSE	
9.	TOTOK SUKAJI .P.	SERTU MDL 53698	BA, MESIN	
10.	M.A. RAHMAN	SERTU ENA 64761	BA. EKA	
11.	JUMAKIR	SERTU ERA 66878	BA. EKA	
12.	EDI SUMARYANTO	SERTU KOM 70160	BA. KOM	
13.	AGUSTINUS B.P	SERTU EKO 71939	BA. EKA	
14.	NURUL KAMARIL	SERDA LKA 54978	BA. MESIN	
15.	DASUKI	SERDA KOM 59642	BA. KOM	
16.	SYAIFUL ARIF	SERDA BEK 76441	BA. LOG	
17.	AGUS ROMADON	SERDA MDL 79544	BA. MESIN	
18.	SUWANDI	KOPTU LKA 60383	TA. MESIN	
19.	MARYONO	KOPTU TTB 60428	TA. LOG	
20.	AGUS SUPRIYANTO	KOPDA RUM 57789	TA. KES	
21.	EDI KAMULYAN	KOPDA BAH 60131	TA. LOG	
22.	MUSTAKIM	KLK LKA 66501	TA. MESIN	
23.	MUSIRAN	KLK BAH 67303	TA. OPS	
24.	H. THOMY KAREL	KLK BAH 67301	TA. OPS	
25.	SUBARNI	KLK SPK 60535	TA. MESIN	
26.	DJATMIKO	KL S PTR 74346	TA. OPS	
27.	KIRMANTO	KL S NAV 74397	TA. OPS	
28.	KUNDI HARTO	KL D NAV 77511	TA. OPS	
29.	KUKUH JAYA EDI	KL D NAV 78810	TA. OPS	
30.	WINURJITO	KL D TTB 80980	TA. LOG	
31.	TRI AGUNG. W.	KL D BAH 82711	TA. OPS	
32.	AHMAD FADILLAH	KL D BAH 82721	TA. OPS	
33.	BAMBANG. T.	KL D NAV 82844	TA. OPS	
34.	PONIMAN. HK.	KL D NAV 82844	TA. OPS	
35.	DALIMIN	KL D PLT 82818	TA. OPS	
36.	YASAN	KL D LKA 82991	TA. MESIN	
37.	HARIYADI	KL D MDL 82942	TA. MESIN	
38.	WIYANTO	KL D EKA 83073	TA. EKA	

Jakarta,  
KOMANDAN KAL. BARUNA JAYA I

DARYANTO  
MAYOR LAUT (P) NRP. 9484/P.

# CALIBRATION AND DATA REDUCTION

The different steps used to obtain the definitive hydrological data are :

- 1° Calibration of the sensors : for this cruise, pressure, temperature and conductivity.
- 2° Validation and reduction of the raw data
- 3° Computation of the hydrological parameters, using Joint Panel on Oceanographic Tables and Standards (UNESCO Technical Papers in Marine Science n° 44).

## I - CALIBRATION OF THE SENSORS OF THE CTD GUILDLINE 8515 N° 52426

The temperature and pressure sensors are calibrated by the Metrology Center of IFREMER in Brest. The conductivity and oxygen sensors are calibrated *in-situ* by comparison with the samples taken with hydrological bottles.

### A - Pressure

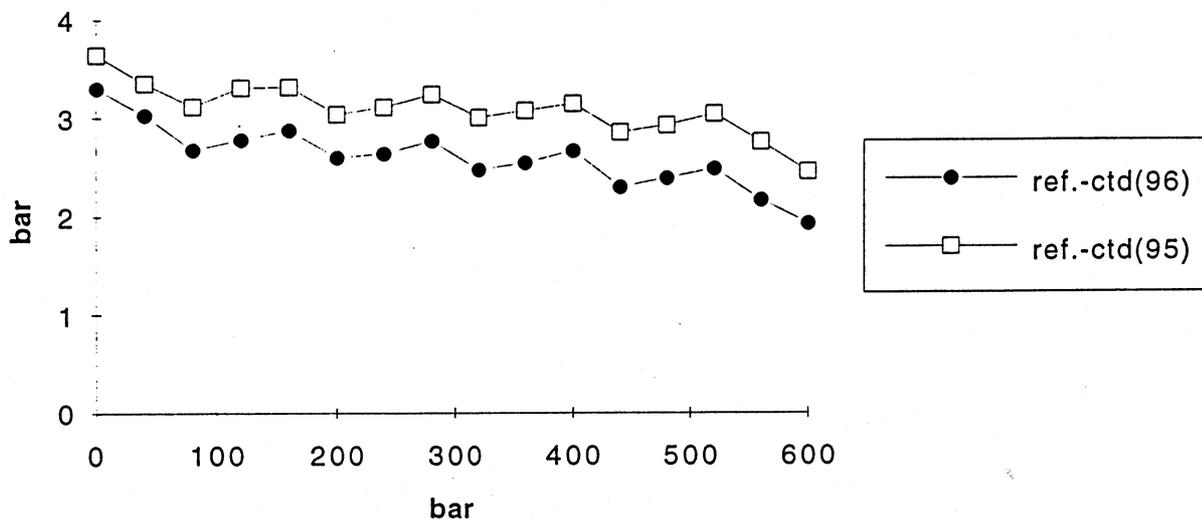
PRESSURE CALIBRATION FOR JADE 95 CRUISE DATA					
OF CTD GUILDLINE 8515 n°52426 FROM INSU					
Calibration of Feb. 96			Calibration of July 95		
(with Desgranges et Hulot sensor 5303 n°2414)					
in bar (1 bar=10 <sup>5</sup> Pa)					
Ref. Pres.	Mean ctd Pres.	Ref. P-ctd P	Ref. Pres.	Mean ctd Pres.	Ref. P-ctd P
0	3,3	3,3	0,02	3,66	3,64
40,02	43,05	3,03	40,03	43,38	3,35
80,03	82,71	2,68	80,04	83,16	3,12
120,04	122,82	2,78	120,05	123,36	3,31
160,05	162,93	2,88	160,06	163,38	3,32
200,05	202,65	2,6	200,06	203,1	3,04
240,06	242,7	2,64	240,07	243,18	3,11
280,07	282,84	2,77	280,08	283,32	3,24
320,08	322,56	2,48	320,09	323,1	3,01
360,09	362,64	2,55	360,1	363,18	3,08
400,11	402,78	2,67	400,11	403,26	3,15
440,11	442,41	2,3	440,12	442,98	2,86
480,13	482,52	2,39	480,13	483,06	2,93
520,14	522,63	2,49	520,15	523,2	3,05
560,15	562,32	2,17	560,16	562,92	2,76
600,17	602,1	1,93	600,18	602,64	2,46
Ref. Pres. = a x ctd Pres. + b			Ref. Pres. = a x ctd Pres. + b		
coeff. a	1,00153071		coeff. a	1,001197252	
coeff. b	-3,067073063		coeff. b	-3,452357866	
Feb. 96 polynomial calibration			July 95 polynomial calibration		
P = (1,001531 x ctd P) - 3,0671			P = (1,001197 x ctd P) - 3,4524		

The mean of the calibration before the cruise (July 95) and after the cruise (February 96) give the pressure polynomial (for up and down casts) :

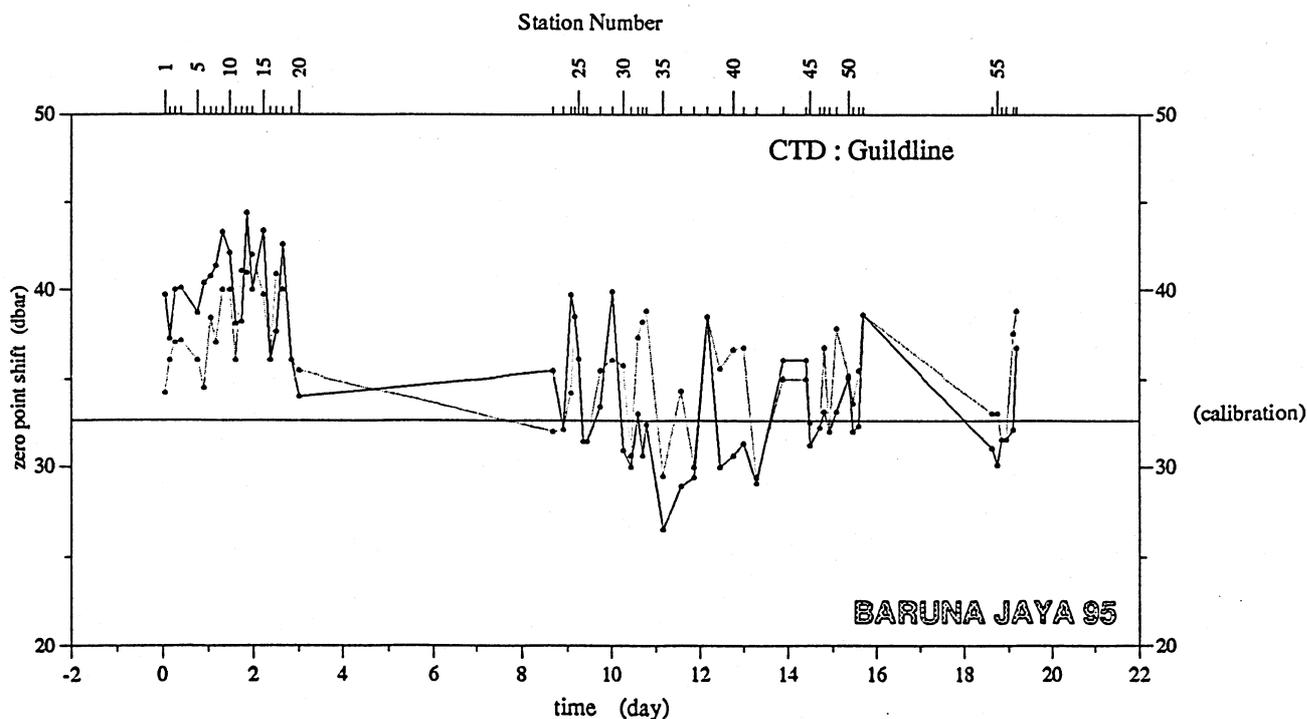
$$P\text{-ctd} = 1.001364 * P - 32.5975$$

The calibration data are plotted on Figure 1.

The Figure 2 shows the evolution during the cruise of the deck pressure ( zero point shift) at the beginning and the end of each cast, and the zero point shift of the calibration polynomial. To obtain the adjusted pressure, after applying the polynomial, we have to add to the values a quantity  $dp$  : the difference between the zero point shift of the calibration and the zero point shift of the considered cast. This quantity  $dp$  is different for each cast.



**Figure 1** Pressure Calibration (in bar)  
 Feb. 96:  $P=(1,001531 \times \text{ctd } P)-3,0671$   
 July. 95:  $P=(1,001197 \times \text{ctd } P)-3,4524$   
 Mean calibration:  $P=(1,001364 \times \text{ctd } P)-3,5975$



**Figure 2** : Deck pressure

Temperature calibration of July 95 (in °C)  
 $T = (0,9990504 \times \text{ctd } T) + 0,04617$

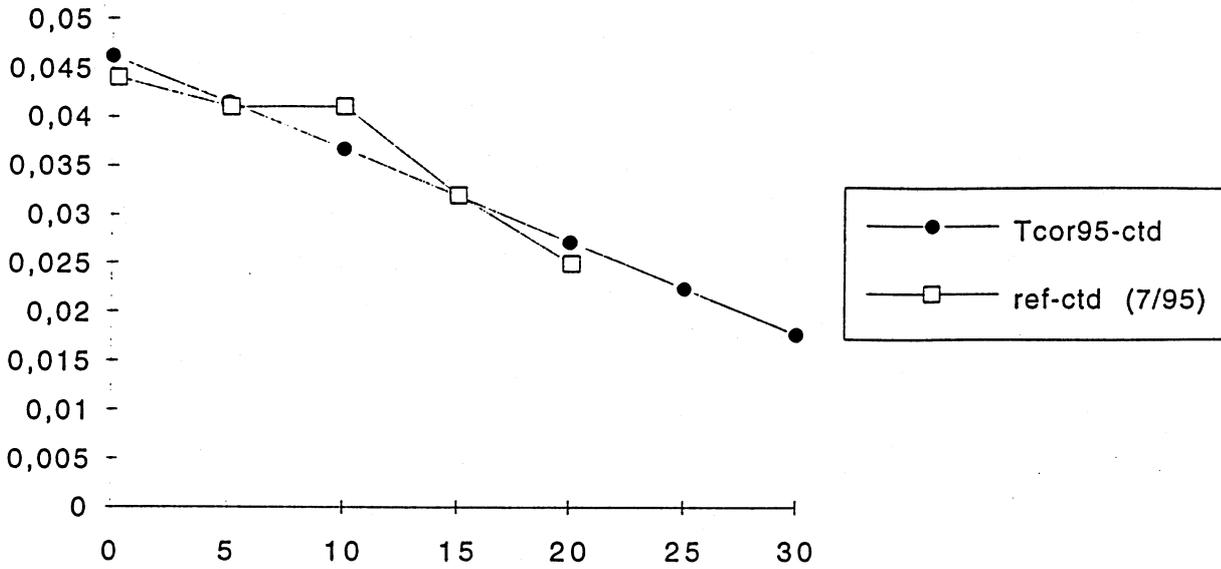


Figure 3

Temperature calibration of February 96 (in °C)  
 $T = (0,999315 \times \text{ctd } T) + 0,03967$

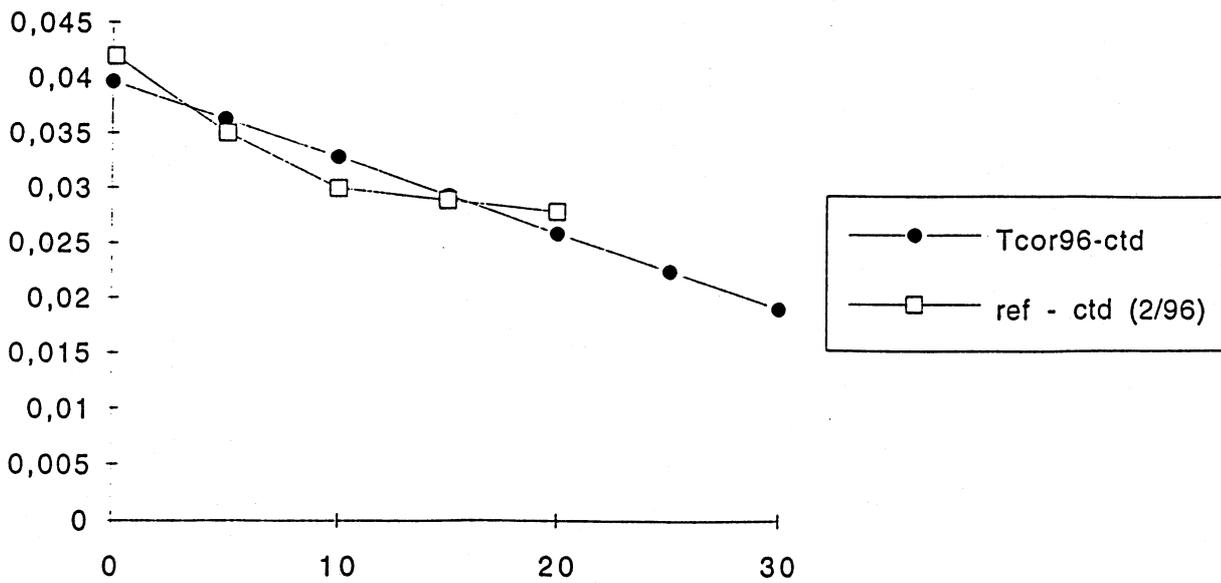


Figure 4

## B - Temperature

In all the computations we use the international scale of temperature (IPTS90)(UNESCO Technical Papers in Marine Science n° 44).

TEMPERATURE CALIBRATION FOR JADE 95						
OF CTD GUIDLINE 8515 n°52426 FROM INSU						
Calibration of Feb. 96			Calibration of July 95			
(with Guildline T sensor 87401 n°49494)						
Ref. Temp.	ctd Temp.	Ref T - ctd T.	Ref. Temp.	ctd Temp.	Ref. T-ctd T	
20,003	19,975	0,028	20,081	20,056	0,025	
14,968	14,939	0,029	15,044	15,012	0,032	
10,052	10,022	0,03	10,041	10	0,041	
5,123	5,088	0,035	5,134	5,093	0,041	
0,142	0,1	0,042	0,253	0,209	0,044	
Ref. Temp. = a x ctd Temp. + b			Ref. Temp. = a x ctd Temp. + b			
a =	0,99931473		a =	0,99905041		
b =	0,03966968		b =	0,04616615		
Feb. 96 polynomial calibration			July 95 polynomial calibration			
T = (0,999315 x ctd Temp) + 0,03967			T = (0,9990504 x ctd Temp) + 0,04647			

The mean of the calibration before the cruise (July 95) and after the cruise (February 96) give the temperature polynomial (for up and down casts) :

$$T\text{-ctd} = 0.9991827 * T + 0.04292$$

The Figures 3 and 4 gives the differences between the temperatures of reference and the CTD temperatures during the two calibrations.

## C - Conductivity

### 1 - Method

The salinity measured on the sample (S-hydro) allows to calculate the in-situ conductivity (C-hydro) at the pressure (fitted P-ctd) and temperature (fitted T-ctd) conditions of the sample :

$$(S\text{-hydro, fitted T-ctd, fitted P-ctd}) \text{ -----> C-hydro}$$

UNESCO (JPOTS)  
C(35,15,0) = 42.914 mmho/cm

To calibrate the conductivity sensor, we have to compare the raw ctd conductivity C ctd and the in-situ conductivity C hydro, and to fit these two values, using the least square method. A first computation is made with all the sample points., with a filter 2.8 times the standard deviation. The sample points for which the difference of conductivity is greater than the filter are eliminated. The process is repeated until all the differences of conductivity are inferior to the filter.

## 2 - Results

The results of the calibration program are obtained from a file containing the cast number, the sampling bottle number, calibrated P-ctd , calibrated T-ctd , raw C ctd, S-hydro. This file is obtained from a first raw file (here 303 points), containing the cast number, the sampling bottle number, raw P ctd, raw T ctd, raw C ctd, S-hydro, by calibration of pressure and temperature, and suppression of the bottle samples for which the difference between S-hydro and a first computation of S-ctd is too large (graphic control).

A first computation is made with all these sample points (276 are retained). The chosen filter (0.0201) is 2.8 times the standard deviation (0.0072). From the 276 points, 231 points (83.7 %) are kept, after 8 runs, to calculate a first degree polynomial; 45 points (16.3 %) have been eliminated.

$$C\text{-ctd} = 1.00175 * C + 0.04061$$

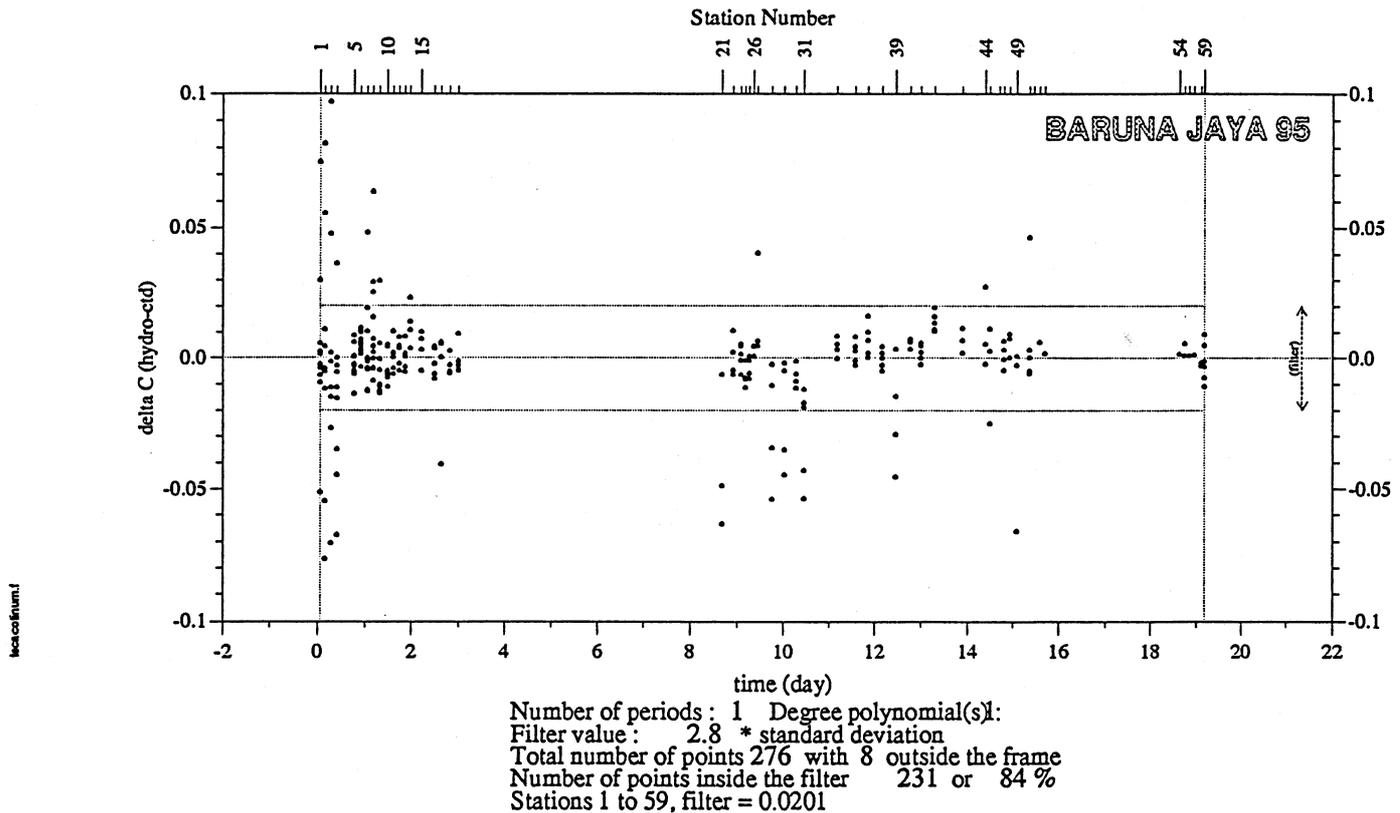


Figure 5 : Delta C (hydro-ctd) versus time

On Figure 5 is given the repartition of the differences (C-hydro - C-ctd) versus time. The differences are centered around zero, which shows the good adequation of the polynomial.

The sampling bottles worked well (no suspected leakage), as shown on Figure 6 : the points placed outside the limits of the filter are equally distributed (bottle 1 is the deepest one).

The Figures 7 and 8 show a good distribution of the conductivity differences around zero, as well as the Figure 9. In this last case (distribution of the conductivity differences in terms of pressure) it is sometimes necessary to apply a pressure correction to the differences, by means of a polynomial, equally calculated by the least square method.

This good distribution of the differences of conductivity and salinity around zero can be observed equally on the histograms of the Figures 10 and 11 .



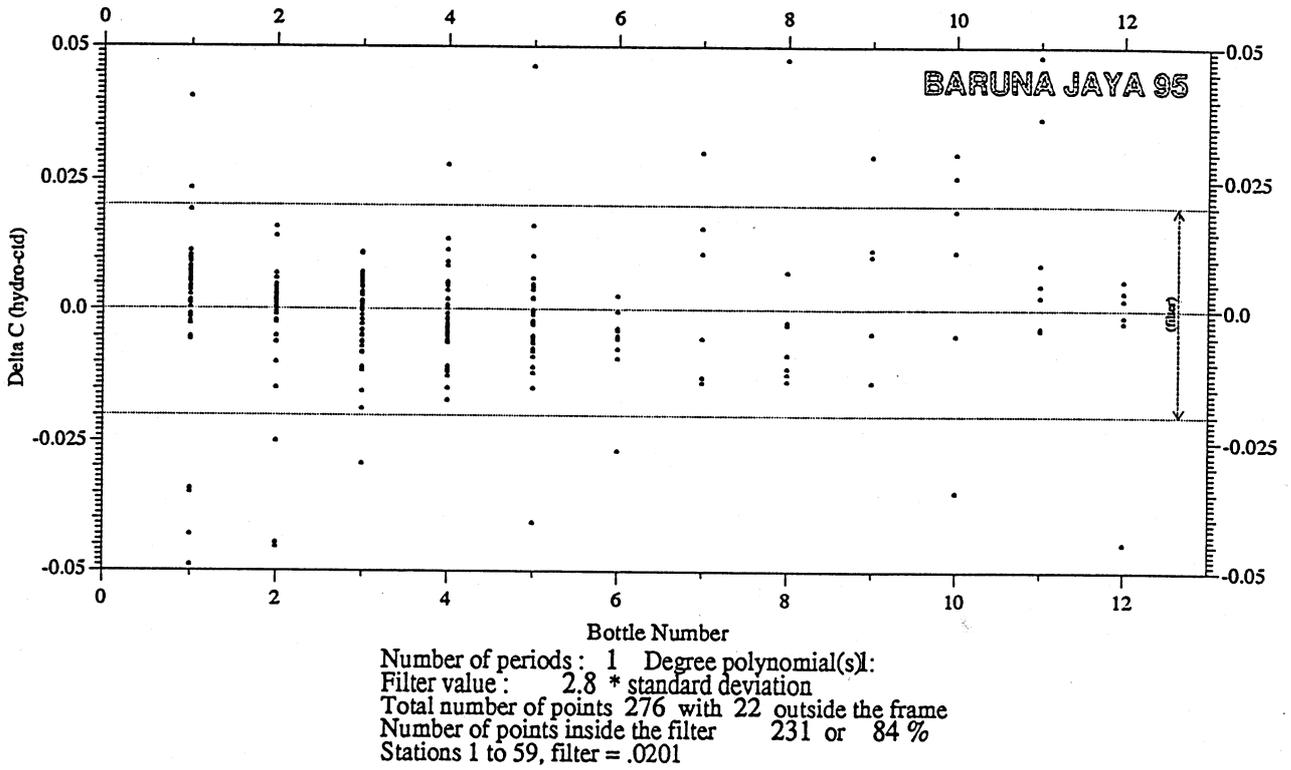


Figure 6 : Delta C versus bottle number

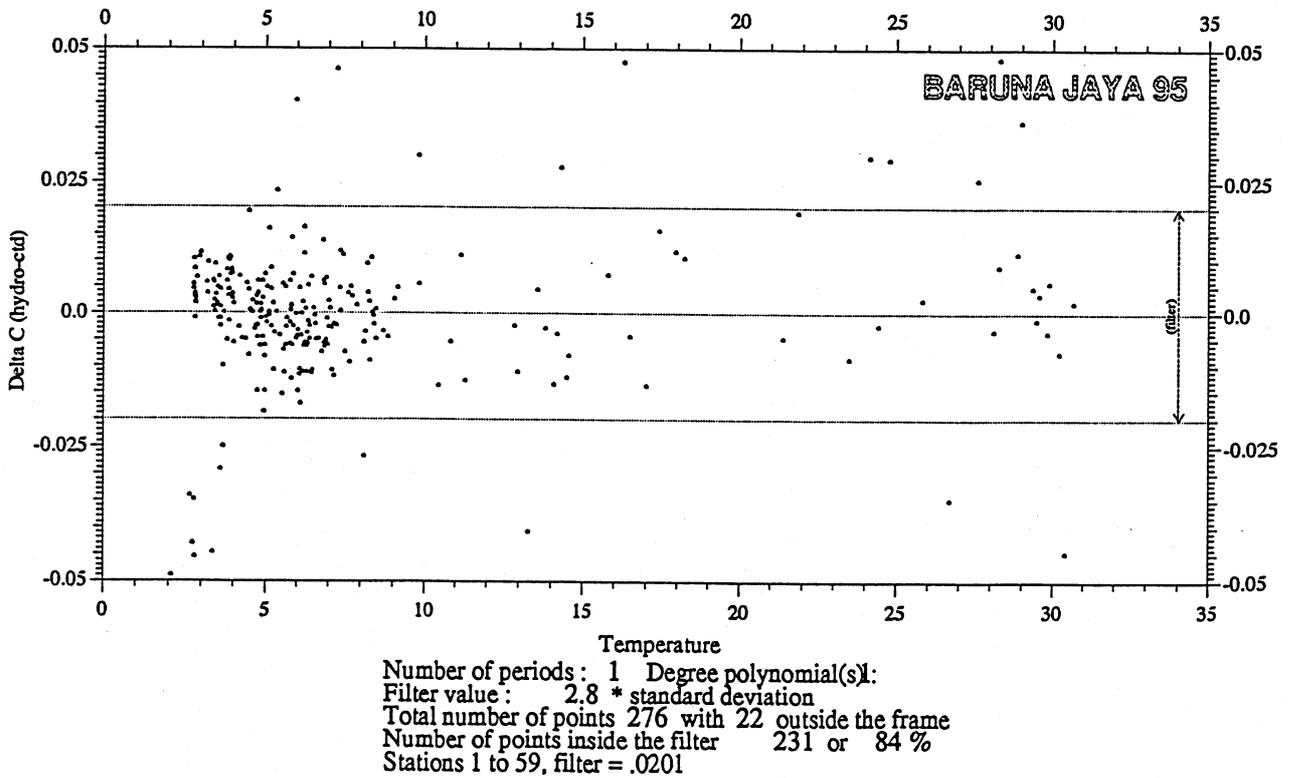


Figure 7 : Delta C versus temperature

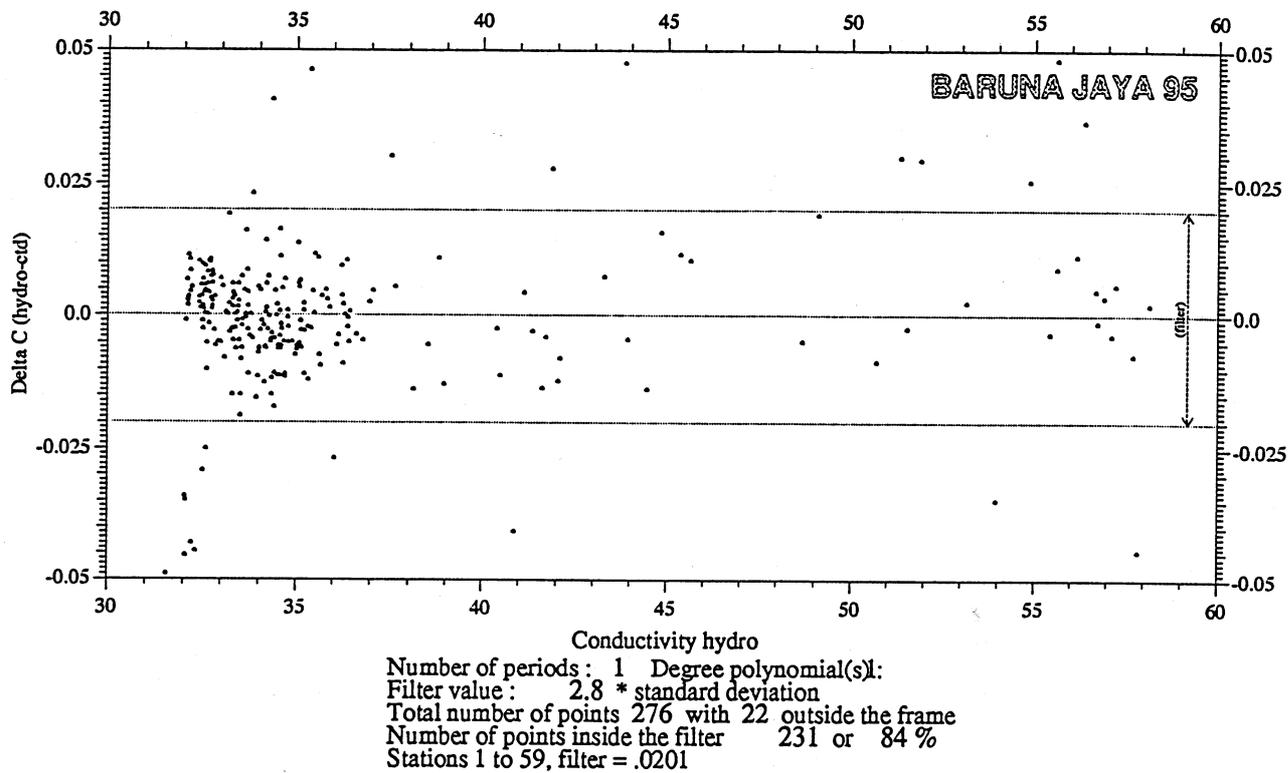


Figure 8 : Delta C versus conductivity

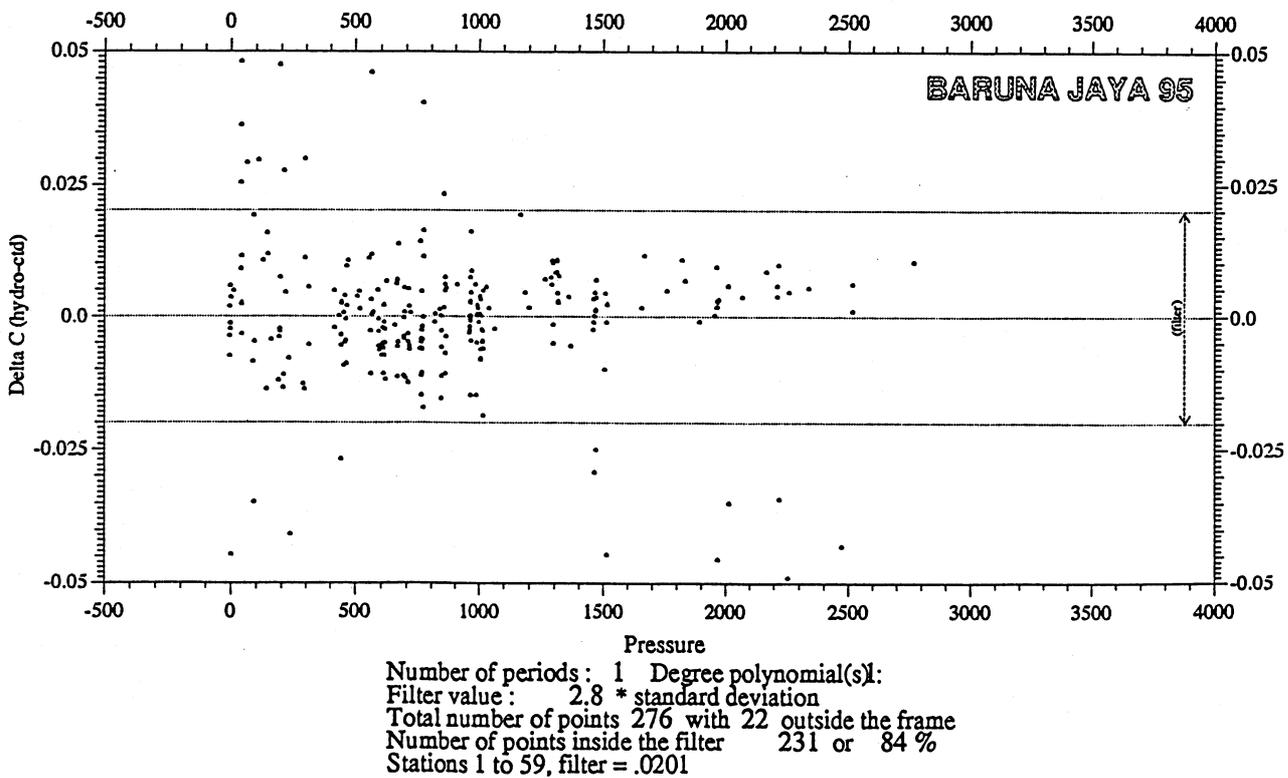
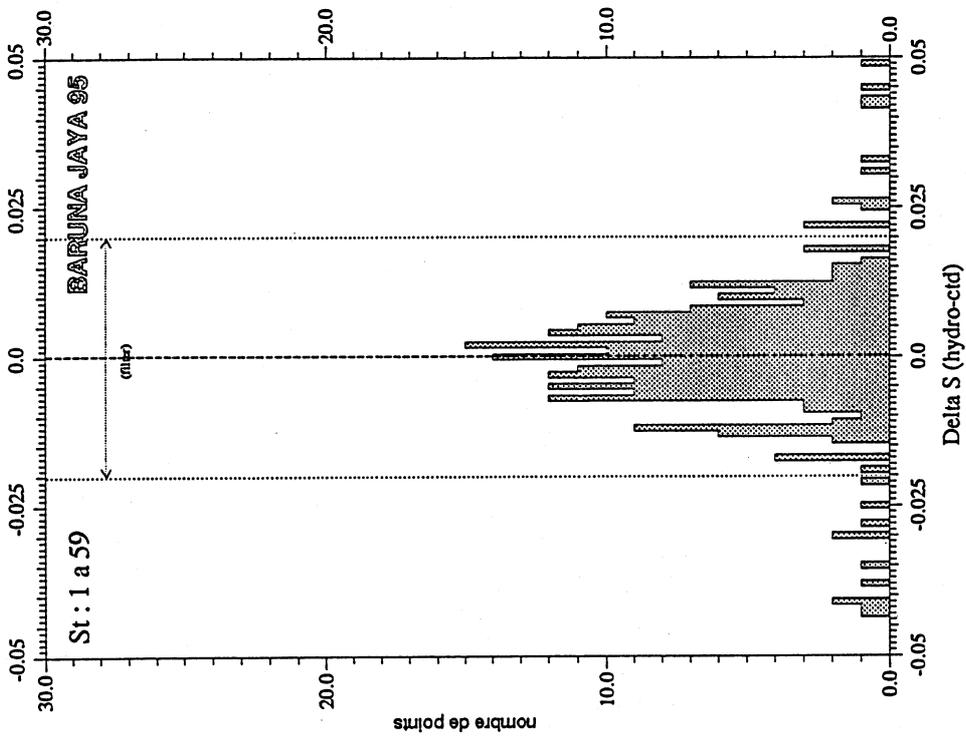
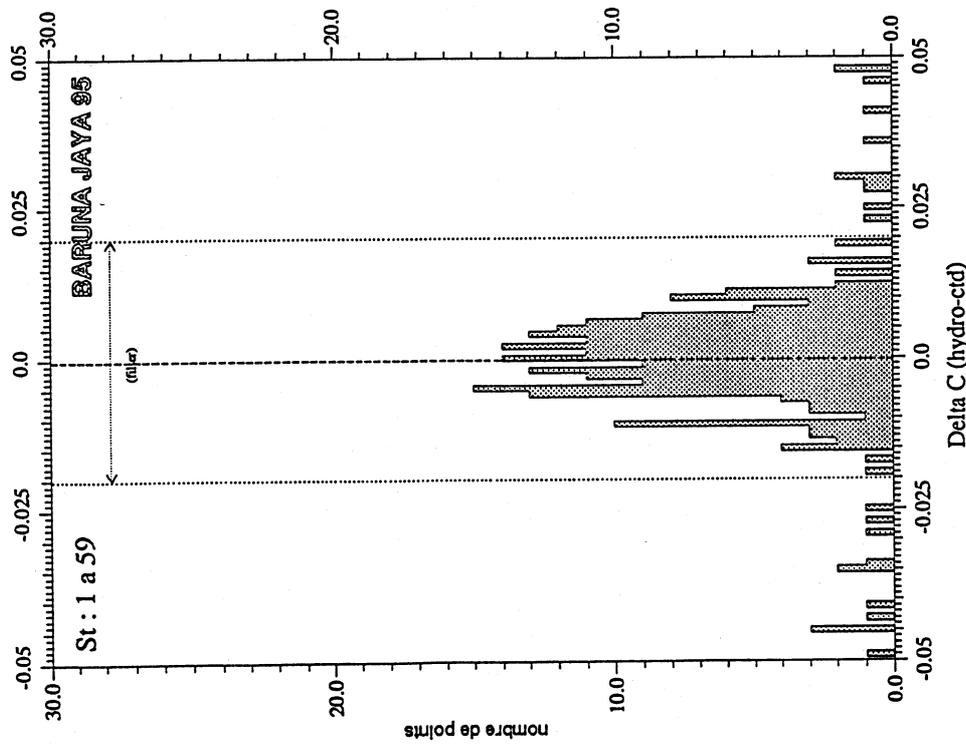


Figure 9 : Delta C versus pressure



Number of periods : 1 Degree polynomial(s):  
 Filter value : 2.8 \* standard deviation  
 Total number of points 276 with 23 outside the frame  
 Number of points inside the filter 230 or 83 %  
 Stations 1 to 59, after calibration, filter = 0.0201

Figure 11 : Distribution of the differences of salinity



Number of periods : 1 Degree polynomial(s):  
 Filter value : 2.8 \* standard deviation  
 Total number of points 276 with 22 outside the frame  
 Number of points inside the filter 231 or 84 %  
 Stations 1 to 59, after calibration, filter = 0.0201

Figure 10 : Distribution of the differences of conductivity

## II - VALIDATION AND REDUCTION OF THE DATA

The reduction of the data consists in obtaining mean data at every dbar, following the A. Billant Method (IFREMER Reports, 1984, 1986 and 1996).

The raw pressures are calibrated, with the method described in I - A.

Then, for each set of P,T,S data, each parameter is compared to its precedent calibrated value; if the difference between two consecutive values is greater than the chosen filter, the complete set of data is suppressed. The kept sets are put in a temporary array centered on P.ref (fixed value in dbar), between P.ref-1 and P.ref+1. The mean value is affected to the pressure P.ref; it can be calculated only if at least 25% of the raw data situated between P.ref-1 and P.ref+1 are kept; otherwise the level P.ref is suppressed.

The reduction to 1 dbar programs use the (p,t,c) calibration polynomials. In the gradient zones, where the variations of temperature and salinity are very strong, density inversion can be observed. We can observe also salinity inversions in the deep homogeneous layers. A flag is then applied to every density inversion greater than 0.005. The temperature, pressure, salinity and density apart this flagged values are checked (graphic control), and the flagged levels are suppressed if necessary.

A second reduction to 10 dbar is calculated by means of an arithmetic mean in the P.ref-5, P.ref+5 layer. From these mean temperatures and salinities, are calculated the potential temperatures and densities.

At last, we obtain two sets of data for 60 casts (stations 0 to 59):

- 1 dbar data : P, T, S.
- 10 dbar data : P, T, Theta, S, Sigma theta.

## III - HYDROLOGICAL PARAMETERS

**Salinity** : practical scale of salinity 1978 (PSS 78)  
**Sigma** : equation of state for seawater 1980 (EOS 80)  
**Potential Temperature** : IPTS 90

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JADE 95

station : 1.00

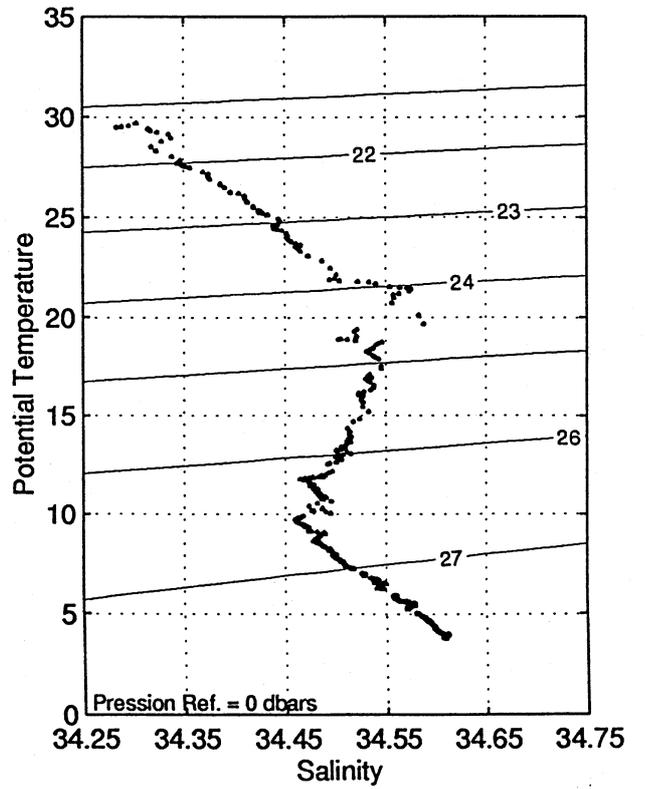
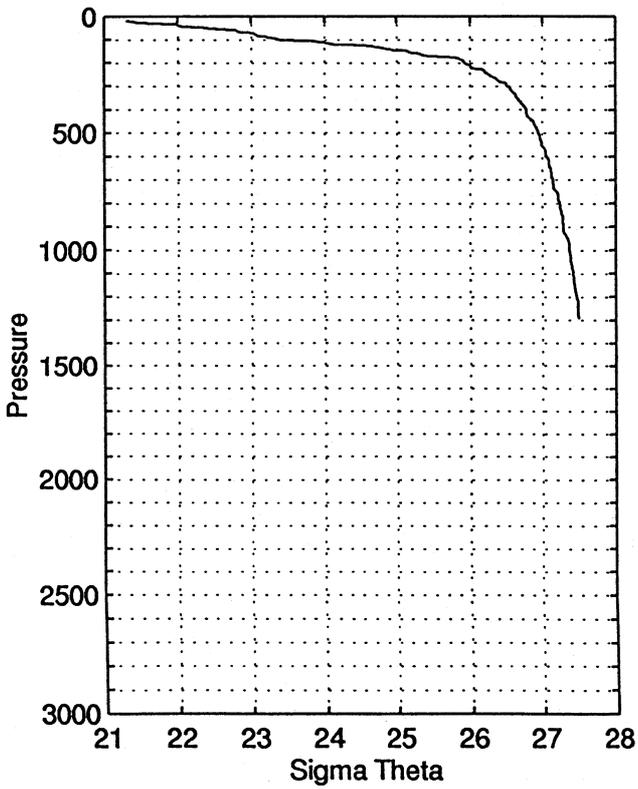
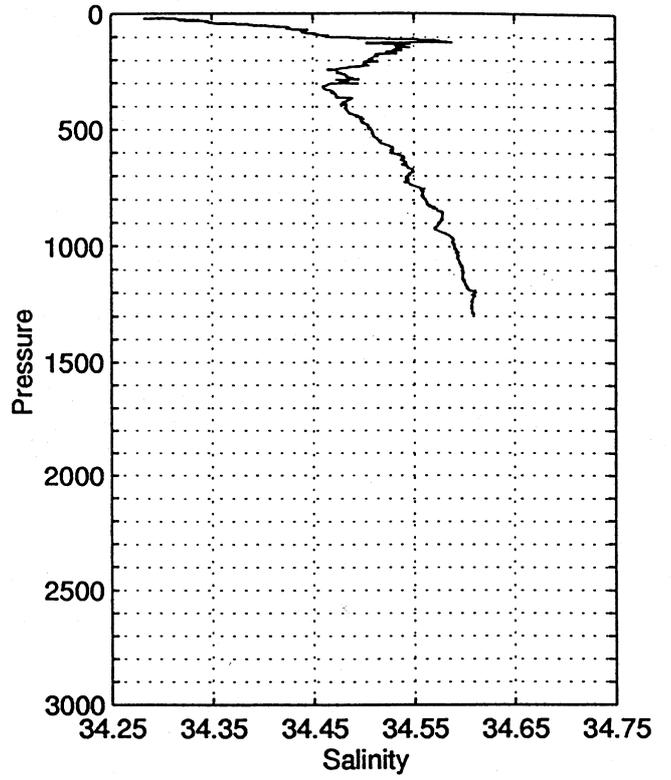
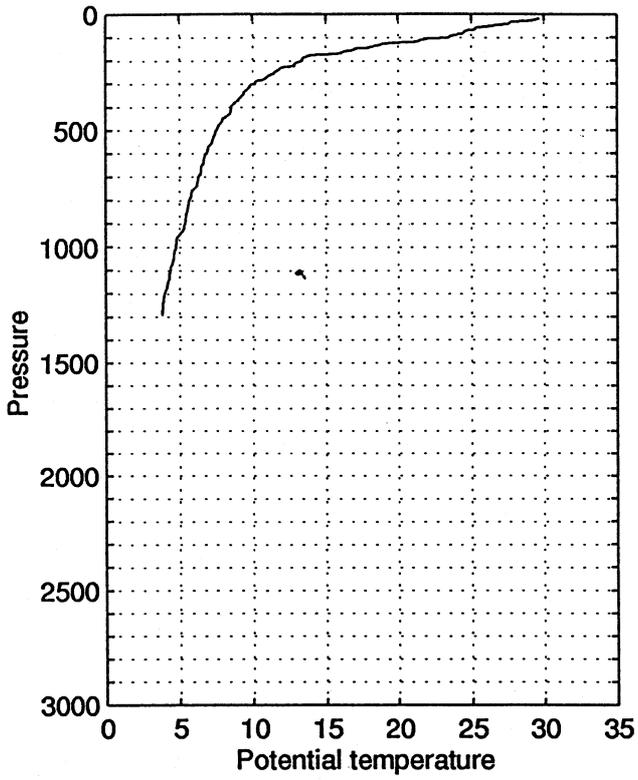
data reduction: 1 dbar

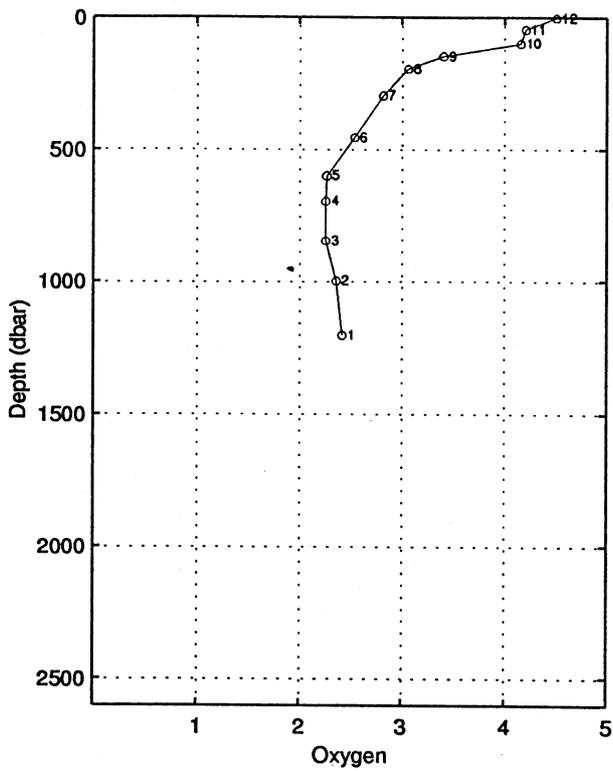
le 12/11/1995 a 1.21 tu -8.0343 125.0688 depth : 2805 m (2840.dbar)

press.	prof	temp.	theta	salin	sigtheta	sigmaamnat	gamprf	gapts	avsp	h-dyn	v(sound)	bva
								(*1e5)	(mdyn)		(cph)	
18.	17.9	29.688	29.684	34.303	21.313	21.309	27.500	21.386	648.1	0.000	1544.5	0.00
20.	19.9	29.573	29.568	34.296	21.347	21.343	27.536	21.428	644.9	0.013	1544.3	9.88
30.	29.8	28.522	28.515	34.318	21.715	21.710	27.922	21.839	610.1	0.076	1542.3	16.05
40.	39.8	27.619	27.610	34.348	22.034	22.028	28.256	22.200	580.0	0.135	1540.5	4.76
50.	49.7	26.495	26.484	34.391	22.424	22.419	28.667	22.634	543.0	0.191	1538.1	12.13
60.	59.7	25.354	25.340	34.424	22.804	22.798	29.069	23.057	507.1	0.244	1535.6	4.43
70.	69.6	24.815	24.800	34.445	22.984	22.978	29.259	23.280	490.3	0.294	1534.5	10.92
80.	79.5	24.498	24.481	34.442	23.078	23.071	29.359	23.416	481.8	0.342	1533.9	3.10
90.	89.5	23.968	23.949	34.453	23.244	23.237	29.536	23.626	466.3	0.390	1532.8	6.65
100.	99.4	23.488	23.467	34.463	23.393	23.385	29.695	23.818	452.4	0.436	1531.8	5.98
110.	109.4	21.804	21.782	34.534	23.926	23.918	30.262	24.396	401.8	0.478	1527.7	6.64
120.	119.3	21.007	20.984	34.558	24.163	24.156	30.517	24.678	379.4	0.517	1525.7	11.69
130.	129.2	18.882	18.859	34.519	24.691	24.684	31.095	25.253	329.1	0.551	1520.0	7.76
140.	139.2	18.218	18.194	34.534	24.868	24.861	31.288	25.476	312.5	0.583	1518.2	5.14
150.	149.1	16.986	16.961	34.535	25.168	25.161	31.618	25.822	284.1	0.613	1514.7	3.82
160.	159.0	16.416	16.390	34.536	25.302	25.295	31.767	26.001	271.5	0.641	1513.2	5.61
170.	169.0	15.735	15.708	34.527	25.451	25.444	31.934	26.196	257.5	0.668	1511.2	9.14
180.	178.9	13.875	13.849	34.513	25.843	25.836	32.377	26.638	220.0	0.691	1505.5	2.55
190.	188.8	13.478	13.452	34.509	25.922	25.916	32.468	26.763	212.7	0.713	1504.3	4.24
200.	198.8	13.412	13.384	34.507	25.934	25.927	32.482	26.819	211.8	0.734	1504.3	1.52
210.	208.7	13.021	12.992	34.506	26.012	26.006	32.571	26.943	204.5	0.755	1503.1	3.45
220.	218.7	12.944	12.914	34.500	26.023	26.017	32.585	26.999	203.7	0.775	1503.0	1.24
230.	228.6	12.024	11.994	34.490	26.194	26.188	32.783	27.219	187.4	0.795	1500.1	7.24
240.	238.5	11.857	11.826	34.469	26.210	26.204	32.804	27.280	186.0	0.813	1499.7	1.96
250.	248.5	11.566	11.534	34.475	26.269	26.263	32.872	27.385	180.5	0.832	1498.8	2.55
260.	258.4	11.312	11.280	34.478	26.318	26.312	32.929	27.480	176.0	0.850	1498.1	4.33
270.	268.3	11.028	10.994	34.483	26.374	26.368	32.994	27.582	170.8	0.867	1497.3	2.23
281.	279.2	10.829	10.795	34.486	26.412	26.406	33.038	27.670	167.4	0.885	1496.8	3.09
291.	289.2	10.232	10.198	34.478	26.511	26.504	33.155	27.817	157.9	0.902	1494.8	1.58
300.	298.1	10.211	10.176	34.477	26.514	26.508	33.159	27.861	157.8	0.916	1494.9	1.82
320.	318.0	9.710	9.674	34.460	26.586	26.579	33.247	28.026	151.1	0.946	1493.4	4.15
340.	337.8	9.425	9.387	34.469	26.640	26.633	33.311	28.171	146.3	0.976	1492.7	0.62
360.	357.7	9.203	9.163	34.475	26.681	26.674	33.359	28.304	142.6	1.005	1492.2	2.40
380.	377.5	8.863	8.822	34.480	26.740	26.733	33.429	28.456	137.2	1.033	1491.3	0.00
400.	397.4	8.597	8.554	34.483	26.784	26.777	33.482	28.592	133.2	1.060	1490.7	1.07
420.	417.2	8.549	8.504	34.485	26.793	26.786	33.493	28.692	132.7	1.086	1490.8	1.52
440.	437.1	8.234	8.189	34.495	26.849	26.842	33.560	28.841	127.5	1.113	1490.0	3.15
460.	456.9	7.974	7.927	34.498	26.891	26.883	33.610	28.975	123.7	1.138	1489.3	1.07
480.	476.8	7.732	7.683	34.505	26.932	26.925	33.659	29.109	119.9	1.162	1488.7	2.55
500.	496.6	7.576	7.526	34.508	26.957	26.950	33.690	29.227	117.7	1.186	1488.5	3.21
519.	515.4	7.485	7.434	34.510	26.972	26.964	33.708	29.349	115.9	1.208	1488.4	2.40
540.	536.3	7.340	7.288	34.514	26.996	26.988	33.737	29.449	114.5	1.232	1488.2	0.87
557.	553.1	7.276	7.222	34.517	27.008	27.000	33.751	29.630	110.3	1.252	1488.3	1.75
580.	575.9	7.030	6.974	34.530	27.052	27.044	33.804	29.690	109.5	1.277	1487.7	2.14
600.	595.8	6.941	6.884	34.527	27.063	27.055	33.818	29.792	108.7	1.299	1487.7	0.00
620.	615.6	6.772	6.713	34.538	27.094	27.086	33.855	29.916	105.8	1.320	1487.4	0.00
640.	635.4	6.728	6.668	34.542	27.104	27.095	33.866	30.017	105.2	1.342	1487.6	2.05
660.	655.3	6.573	6.512	34.544	27.126	27.117	33.894	30.132	103.2	1.362	1487.3	0.62
680.	675.1	6.553	6.489	34.549	27.133	27.125	33.902	30.230	102.7	1.383	1487.5	1.96
700.	694.9	6.386	6.322	34.543	27.151	27.142	33.925	30.341	101.2	1.403	1487.2	0.00
754.	748.4	5.970	5.903	34.560	27.218	27.209	34.008	30.659	94.9	1.457	1486.5	3.13
800.	794.0	5.754	5.684	34.562	27.246	27.237	34.044	30.900	92.5	1.501	1486.4	1.86
850.	843.5	5.610	5.536	34.577	27.276	27.267	34.079	31.159	90.1	1.546	1486.6	0.62
900.	893.0	5.479	5.402	34.576	27.292	27.282	34.100	31.404	89.0	1.591	1486.9	0.00
951.	943.5	5.010	4.931	34.585	27.354	27.345	34.180	31.708	82.7	1.635	1485.9	3.46
1000.	992.0	4.864	4.782	34.590	27.375	27.366	34.207	31.955	81.0	1.675	1486.1	0.00
1050.	1041.5	4.697	4.612	34.595	27.398	27.388	34.236	32.209	79.0	1.715	1486.3	2.31
1100.	1091.0	4.470	4.381	34.599	27.427	27.417	34.273	32.470	76.3	1.754	1486.2	1.07
1150.	1140.4	4.308	4.217	34.600	27.445	27.435	34.298	32.720	74.6	1.792	1486.3	1.51
1202.	1191.8	4.080	3.986	34.610	27.477	27.467	34.339	32.994	71.5	1.830	1486.3	0.76
1248.	1237.3	3.980	3.884	34.608	27.486	27.476	34.352	33.242	70.9	1.862	1486.6	0.44
fin	1293.	1281.8	3.911	3.811	34.609	27.495	27.484	34.363	0.000	1.9*****	0.0	

Mean vertical sound speed between 18. et 1293. dbar : 1493.9 m/s  
Reference pressure for gamprf : 1500. dbar

JADE 95 Station 01 - (12 Nov 95)





# STATION 01

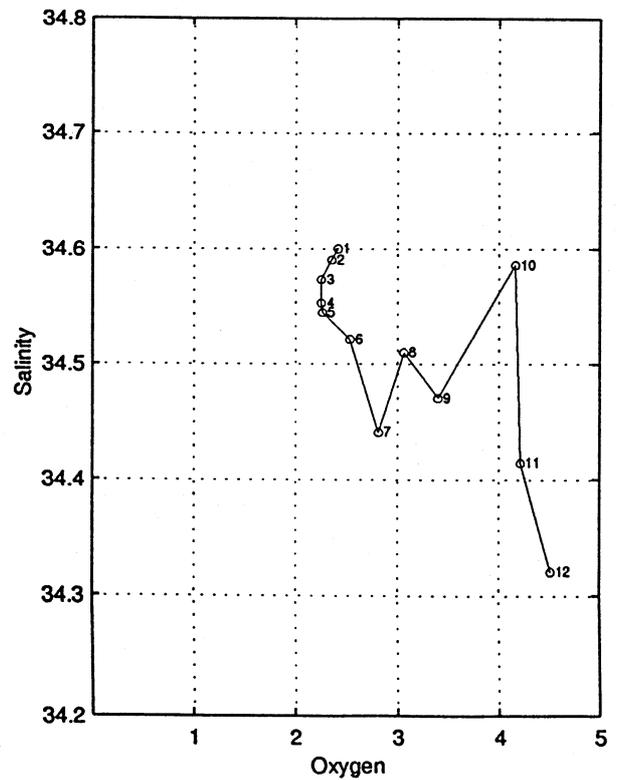
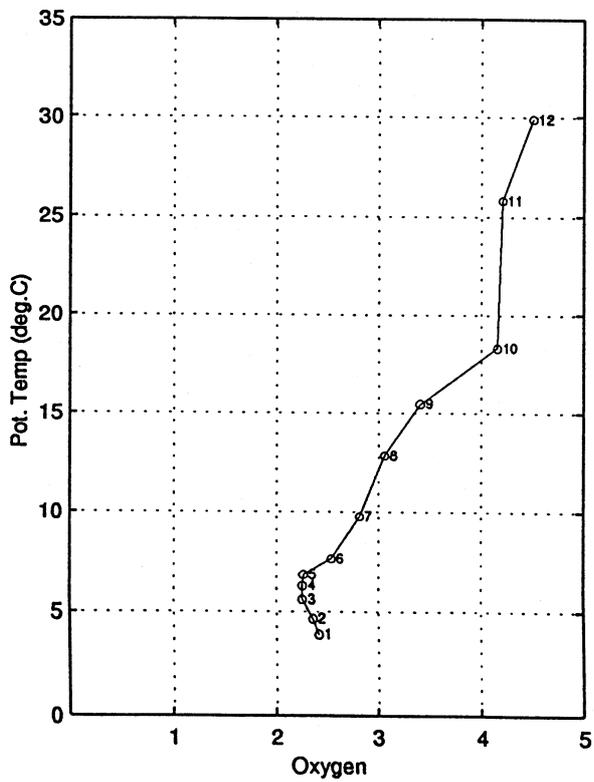
JADE 95

## Oxygen Profile

Bathysonde : Guildline INSU-Brest

Area : South Banda & Timor Sea - Indonesia

Cruise name : JADE95 - R/V Baruna Jaya I



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listacor\_02

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JADE 95

station : 2.00

data reduction: 1 dbar

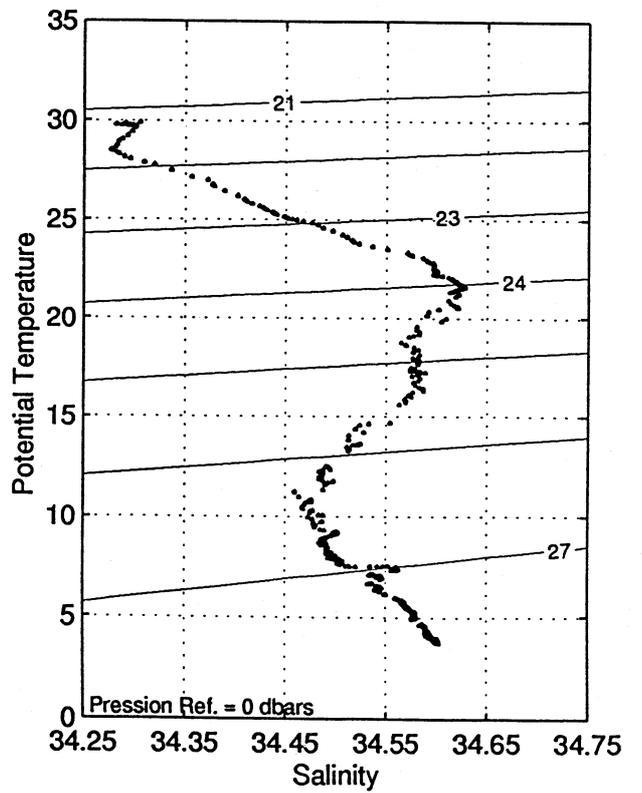
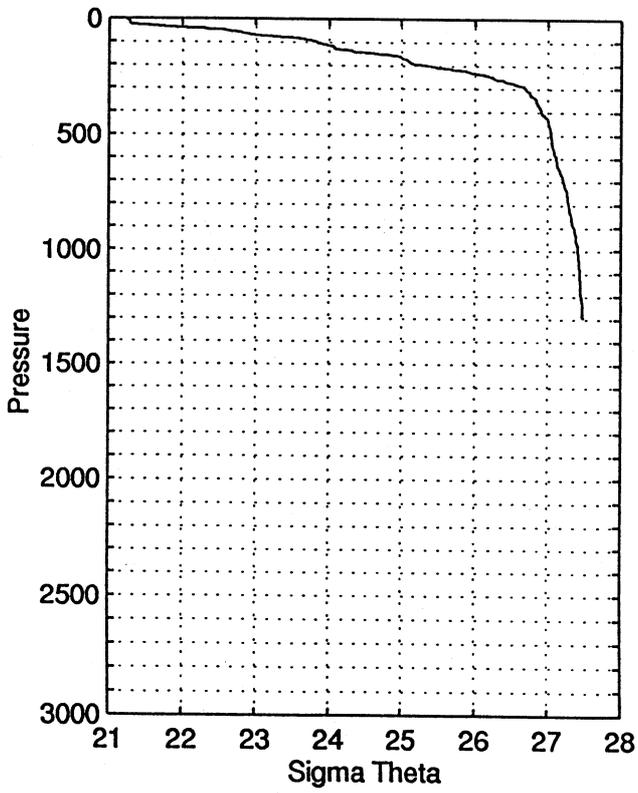
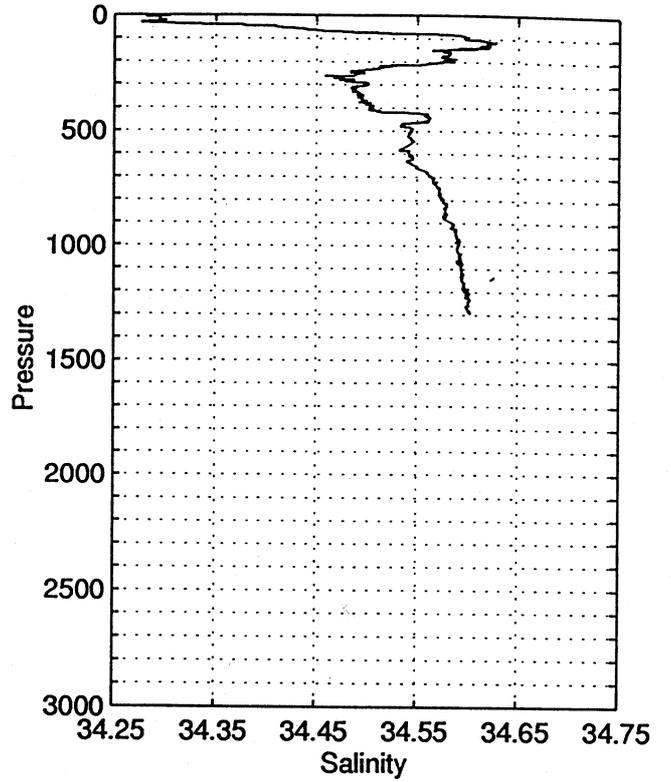
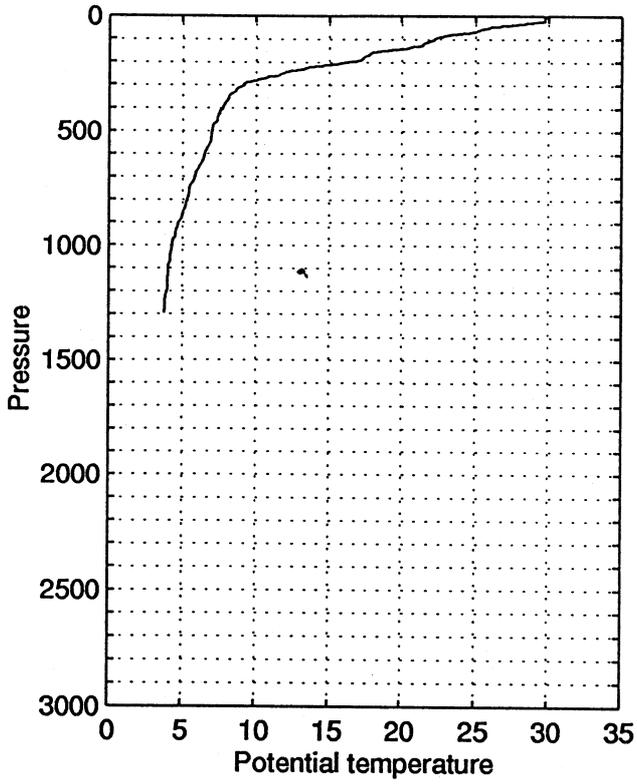
le 12/11/1995 a 3.44 tu -8.0063 125.1695 depth : 4073 m (4136.dbar)

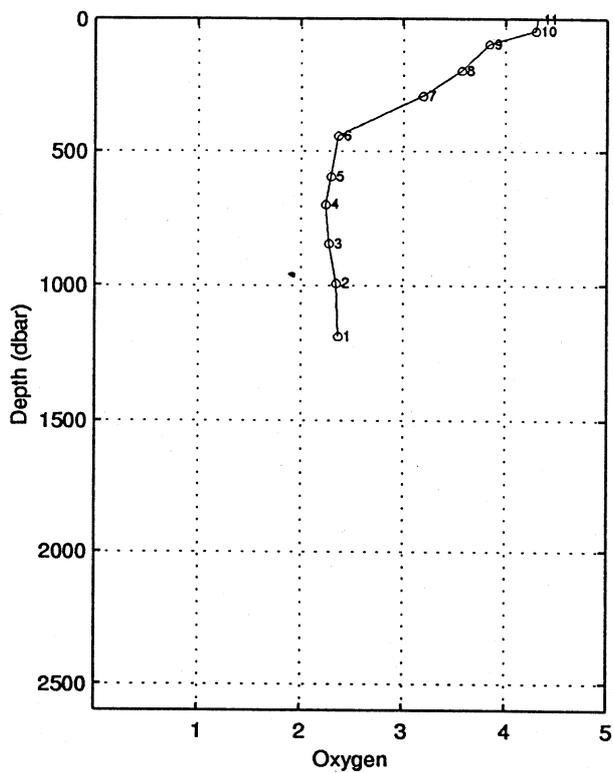
press.	prof	temp.	theta	salin	sigtheta	sigmaamat	gamprf	gapt	avsp	h-dyn	v(sound)	bva
									(*1e5)	(mdyn)	(cph)	
4.	4.0	29.897	29.896	34.305	21.243	21.240	27.427	21.257	654.1	0.000	1544.7	0.00
10.	9.9	29.732	29.729	34.295	21.292	21.289	27.478	21.332	649.7	0.039	1544.5	0.00
20.	19.9	29.727	29.722	34.297	21.296	21.292	27.483	21.378	649.8	0.104	1544.6	2.88
30.	29.8	28.667	28.660	34.281	21.640	21.635	27.844	21.763	617.3	0.168	1542.5	10.03
40.	39.8	27.178	27.169	34.356	22.181	22.176	28.412	22.348	565.9	0.228	1539.5	19.06
50.	49.7	25.955	25.944	34.411	22.608	22.603	28.861	22.818	525.4	0.282	1536.9	6.18
60.	59.7	25.353	25.340	34.438	22.815	22.809	29.079	23.067	506.1	0.334	1535.7	4.51
70.	69.6	24.873	24.858	34.476	22.990	22.984	29.264	23.286	489.7	0.384	1534.7	9.93
80.	79.5	23.534	23.518	34.551	23.445	23.438	29.745	23.785	446.6	0.430	1531.7	12.62
90.	89.5	22.742	22.723	34.598	23.710	23.703	30.026	24.093	421.7	0.473	1529.9	8.04
100.	99.4	22.248	22.228	34.598	23.850	23.843	30.176	24.276	408.7	0.515	1528.7	2.63
110.	109.4	21.964	21.943	34.618	23.945	23.937	30.277	24.415	400.0	0.555	1528.2	7.28
120.	119.3	21.522	21.498	34.622	24.071	24.063	30.413	24.585	388.3	0.595	1527.2	2.84
130.	129.2	21.365	21.340	34.614	24.109	24.100	30.454	24.666	385.1	0.633	1526.9	5.74
140.	139.2	20.492	20.465	34.602	24.336	24.328	30.702	24.938	363.6	0.670	1524.7	4.29
150.	149.1	19.080	19.053	34.573	24.682	24.674	31.081	25.331	330.8	0.705	1520.9	5.91
160.	159.0	17.925	17.898	34.578	24.975	24.967	31.402	25.670	303.0	0.736	1517.7	7.88
170.	169.0	17.713	17.684	34.582	25.030	25.022	31.462	25.769	298.0	0.766	1517.3	3.66
180.	178.9	17.381	17.351	34.580	25.109	25.101	31.550	25.893	290.8	0.796	1516.5	4.38
190.	188.8	17.227	17.196	34.582	25.148	25.139	31.592	25.975	287.5	0.825	1516.2	3.50
200.	198.8	16.355	16.323	34.587	25.357	25.349	31.824	26.231	267.6	0.852	1513.7	9.08
207.	205.7	15.648	15.616	34.563	25.499	25.491	31.985	26.635	235.5	0.871	1511.6	8.82
220.	218.7	13.849	13.818	34.513	25.849	25.842	32.384	26.821	220.6	0.902	1506.1	12.10
230.	228.6	13.331	13.299	34.512	25.955	25.948	32.505	26.973	210.6	0.923	1504.5	3.39
240.	238.5	12.351	12.319	34.487	26.130	26.124	32.709	27.198	193.8	0.943	1501.4	2.77
250.	248.5	11.779	11.747	34.497	26.247	26.240	32.843	27.361	182.8	0.962	1499.6	7.63
261.	259.4	11.350	11.317	34.487	26.319	26.313	32.928	27.485	176.0	0.982	1498.3	5.21
270.	268.3	10.699	10.666	34.470	26.423	26.417	33.052	27.632	166.1	0.997	1496.1	4.15
280.	278.2	10.094	10.061	34.486	26.541	26.535	33.189	27.799	154.8	1.013	1494.2	1.24
290.	288.2	9.352	9.320	34.488	26.666	26.661	33.339	27.973	142.7	1.028	1491.6	5.67
300.	298.1	9.199	9.166	34.498	26.699	26.693	33.376	28.052	139.7	1.042	1491.2	2.05
320.	318.0	8.708	8.674	34.486	26.768	26.762	33.462	28.214	133.3	1.069	1489.8	2.14
340.	337.8	8.327	8.292	34.492	26.831	26.826	33.538	28.371	127.4	1.096	1488.7	2.40
360.	357.7	8.169	8.132	34.495	26.858	26.852	33.570	28.490	125.1	1.121	1488.4	1.38
380.	377.5	7.939	7.900	34.500	26.897	26.891	33.617	28.620	121.7	1.146	1487.9	0.00
400.	397.4	7.801	7.761	34.505	26.921	26.914	33.645	28.736	119.7	1.170	1487.7	1.24
420.	417.2	7.572	7.530	34.534	26.977	26.971	33.710	28.885	114.4	1.193	1487.2	5.25
440.	437.1	7.455	7.412	34.559	27.014	27.007	33.750	29.013	111.2	1.216	1487.1	0.00
460.	456.9	7.384	7.339	34.561	27.025	27.019	33.764	29.116	110.4	1.238	1487.1	3.71
480.	476.8	7.134	7.088	34.533	27.039	27.032	33.787	29.223	109.2	1.260	1486.5	0.00
500.	496.6	7.078	7.031	34.545	27.056	27.049	33.806	29.331	107.8	1.281	1486.6	1.96
520.	516.4	7.031	6.981	34.541	27.060	27.053	33.812	29.426	107.8	1.303	1486.8	0.00
540.	536.3	7.010	6.959	34.546	27.067	27.059	33.819	29.524	107.4	1.324	1487.0	1.52
552.	548.2	6.946	6.894	34.544	27.075	27.067	33.829	29.694	104.7	1.337	1487.0	1.72
580.	575.9	6.719	6.665	34.533	27.097	27.089	33.860	29.739	104.8	1.367	1486.5	0.00
600.	595.8	6.585	6.530	34.542	27.122	27.114	33.889	29.856	102.6	1.387	1486.3	1.52
620.	615.6	6.509	6.452	34.545	27.135	27.127	33.905	29.961	101.6	1.408	1486.4	0.00
641.	636.4	6.339	6.280	34.544	27.156	27.148	33.933	30.080	99.7	1.429	1486.0	2.61
660.	655.3	6.191	6.131	34.549	27.179	27.172	33.961	30.192	97.5	1.448	1485.8	0.62
680.	675.1	6.007	5.947	34.561	27.213	27.205	34.001	30.318	94.4	1.467	1485.4	1.07
700.	694.9	5.906	5.844	34.565	27.229	27.221	34.021	30.427	93.0	1.486	1485.3	1.52
750.	744.5	5.559	5.494	34.572	27.277	27.269	34.082	30.708	88.6	1.531	1484.8	1.07
800.	794.0	5.400	5.332	34.576	27.300	27.292	34.111	30.961	86.7	1.575	1485.0	1.07
854.	847.5	5.120	5.049	34.579	27.336	27.327	34.157	31.248	83.5	1.621	1484.7	1.86
903.	896.0	4.786	4.713	34.587	27.381	27.372	34.215	31.522	79.2	1.662	1484.2	2.36
950.	942.5	4.625	4.549	34.589	27.401	27.392	34.241	31.760	77.5	1.698	1484.3	0.62
1000.	992.0	4.394	4.315	34.592	27.428	27.419	34.277	32.020	74.9	1.736	1484.2	0.62
1050.	1041.5	4.275	4.193	34.593	27.442	27.433	34.296	32.264	73.8	1.773	1484.5	1.86
1100.	1091.0	4.145	4.059	34.594	27.457	27.448	34.316	32.510	72.6	1.810	1484.8	0.00
1150.	1140.4	4.115	4.025	34.596	27.462	27.453	34.323	32.743	72.5	1.846	1485.5	0.62
1200.	1189.9	4.028	3.935	34.602	27.476	27.466	34.340	32.986	71.4	1.883	1486.0	1.07
1250.	1239.3	3.917	3.820	34.601	27.488	27.478	34.356	33.227	70.5	1.918	1486.4	0.00
fin 1294.	1282.8	3.857	3.757	34.603	27.495	27.485	34.366	0.000	1.9*****	0.0		

Mean vertical sound speed between 4. et 1294. dbar : 1493.6 m/s  
Reference pressure for gamprf : 1500. dbar



JADE 95 Station 02 - (12 Nov 95)





## STATION 02

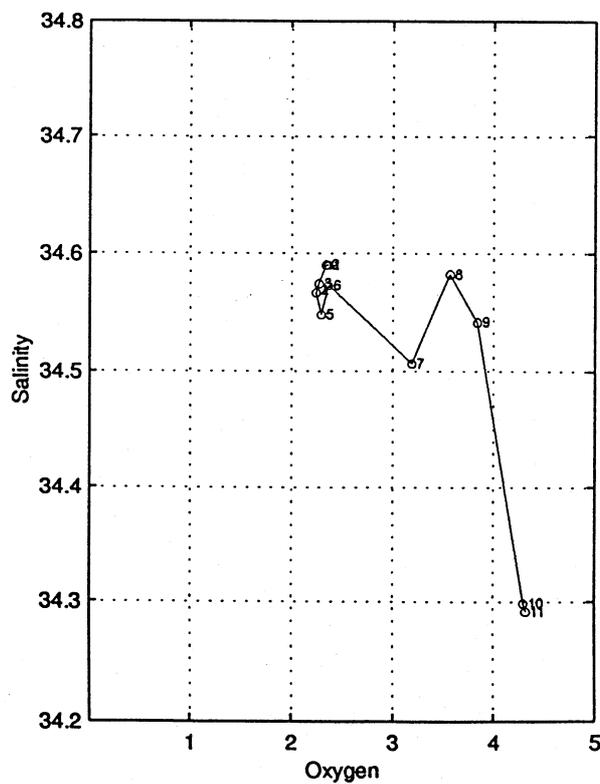
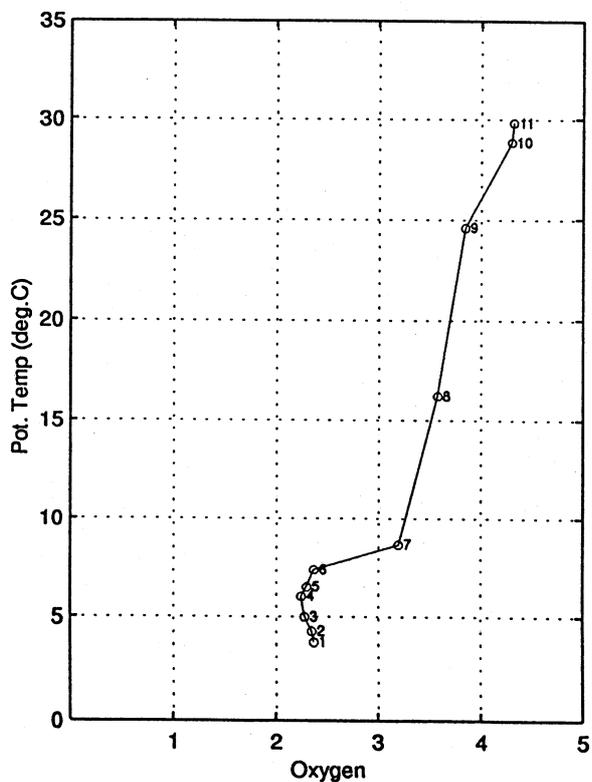
JADE 95

Oxygen Profile

Bathysonde : Guildline INSU-Brest

Area : South Banda & Timor Sea - Indonesia

Cruise name : JADE95 - R/V Baruna Jaya I



98/10/13  
15:40:39

listacor\_03

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JADE 95

station : 3.00

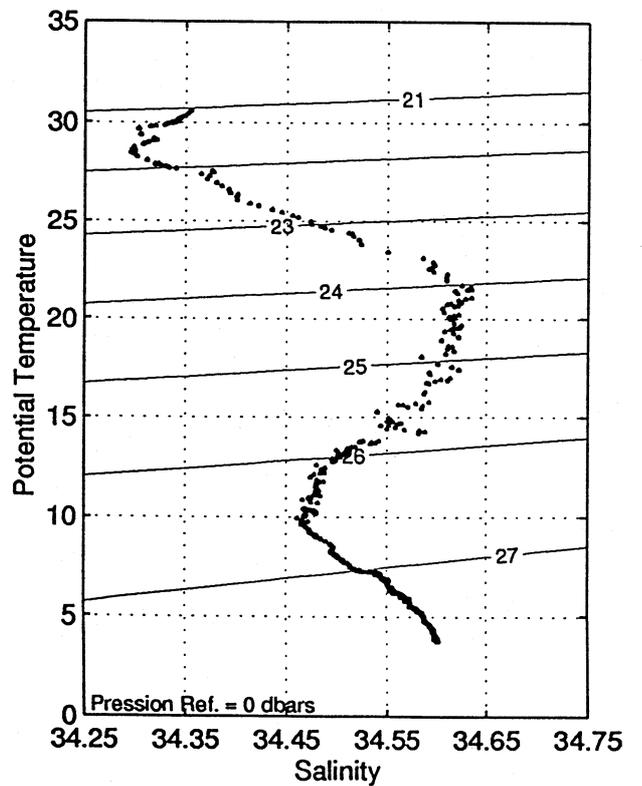
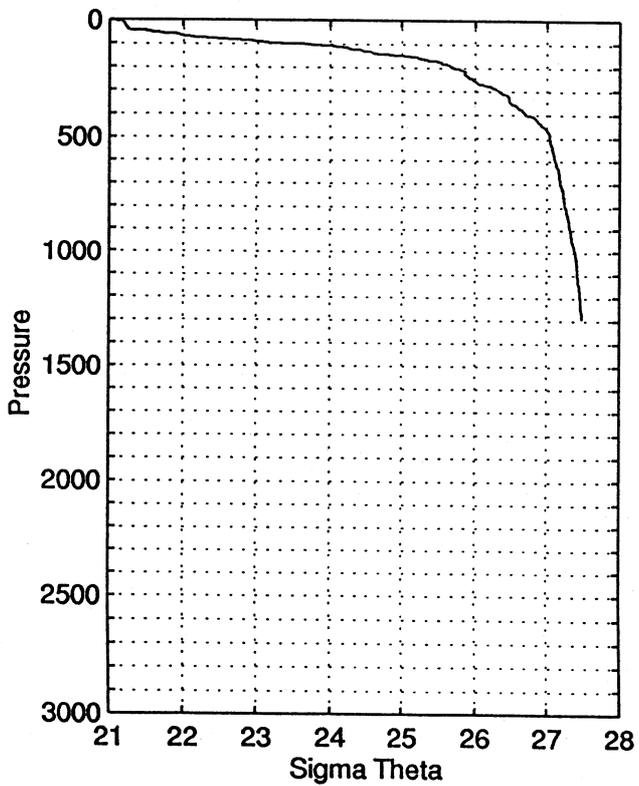
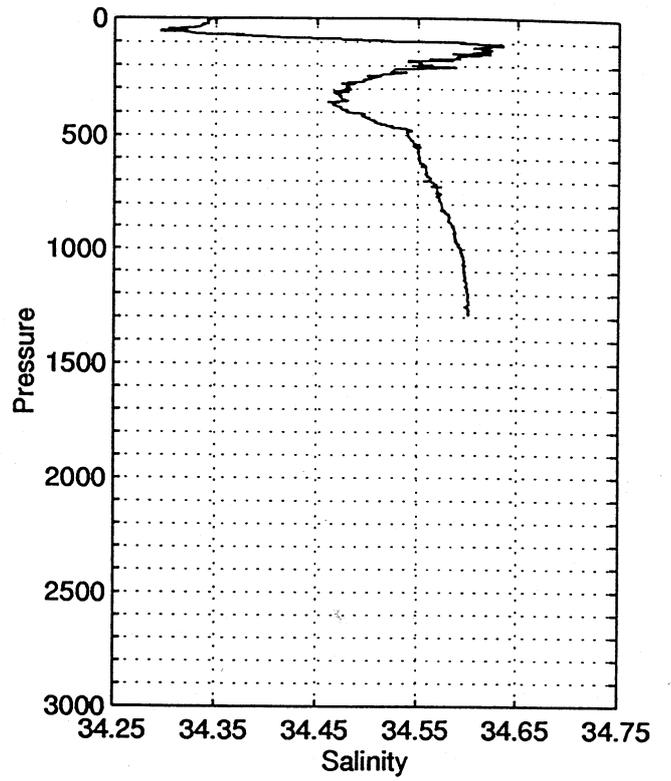
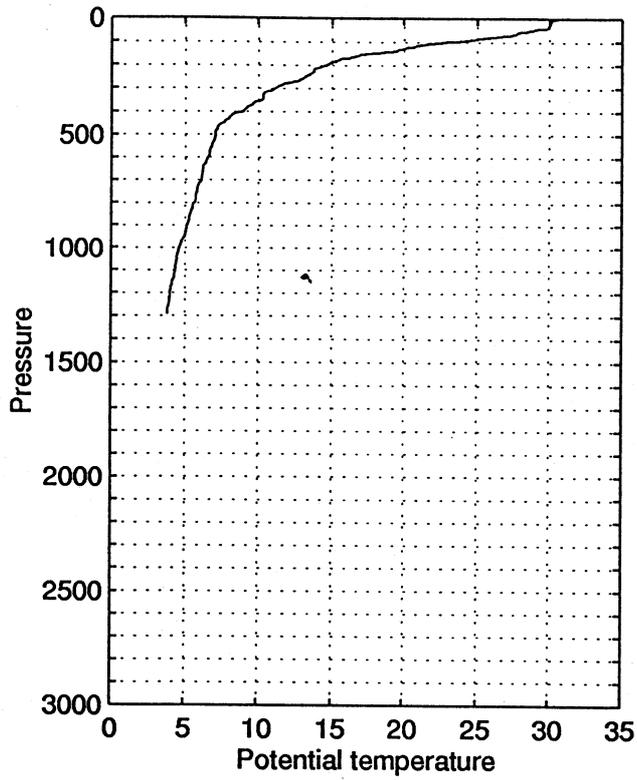
data reduction: 1 dbar

le 12/11/1995 a 6.45 tu -7.5585 125.2903 depth : 4091 m (4154.dbar)

press.	prof	temp.	theta	salin	sigtheta	sigmaamat	gamprf	gapt5	avsp	h-dyn	v(sound)	bva
								(*1e5)	(mdyn)		(cph)	
0.	0.0	30.606	30.606	34.355	21.038	21.035	27.209	21.035	673.6	0.000	1546.2	0.00
10.	9.9	30.148	30.145	34.341	21.185	21.182	27.364	21.225	660.0	0.067	1545.4	4.09
20.	19.9	30.060	30.055	34.343	21.217	21.213	27.398	21.298	657.4	0.132	1545.4	1.24
30.	29.8	29.978	29.970	34.337	21.241	21.237	27.423	21.365	655.5	0.198	1545.4	3.04
40.	39.8	29.872	29.862	34.329	21.272	21.267	27.456	21.438	653.0	0.264	1545.3	6.65
50.	49.7	28.910	28.898	34.308	21.581	21.575	27.781	21.789	623.9	0.327	1543.4	7.09
60.	59.7	27.915	27.901	34.319	21.917	21.910	28.135	22.168	592.1	0.388	1541.4	3.92
71.	70.6	27.420	27.404	34.365	22.112	22.105	28.339	22.410	573.9	0.452	1540.6	5.12
80.	79.5	26.088	26.070	34.401	22.561	22.554	28.812	22.898	531.3	0.502	1537.7	13.55
90.	89.5	24.768	24.749	34.484	23.029	23.021	29.304	23.409	486.9	0.553	1534.8	9.79
100.	99.4	22.912	22.891	34.596	23.660	23.653	29.973	24.086	426.8	0.599	1530.5	15.12
110.	109.4	21.538	21.517	34.635	24.076	24.069	30.418	24.547	387.4	0.640	1527.1	9.72
120.	119.3	20.769	20.746	34.611	24.268	24.260	30.627	24.783	369.4	0.678	1525.2	4.68
130.	129.2	20.060	20.036	34.616	24.461	24.453	30.836	25.021	351.3	0.713	1523.4	5.07
140.	139.2	19.397	19.372	34.609	24.628	24.620	31.019	25.232	335.6	0.748	1521.7	7.98
150.	149.1	17.756	17.731	34.602	25.034	25.027	31.464	25.686	297.0	0.779	1517.1	17.89
161.	160.0	16.800	16.774	34.590	25.254	25.247	31.709	25.956	276.2	0.810	1514.4	4.97
170.	169.0	15.819	15.792	34.592	25.482	25.475	31.963	26.227	254.6	0.834	1511.6	10.29
181.	179.9	15.327	15.299	34.540	25.552	25.545	32.046	26.347	248.1	0.862	1510.2	0.69
190.	188.9	14.889	14.861	34.554	25.659	25.652	32.165	26.495	238.1	0.884	1509.0	3.16
200.	198.8	14.675	14.645	34.552	25.704	25.697	32.216	26.585	234.0	0.908	1508.4	2.40
208.	206.7	14.265	14.235	34.582	25.815	25.808	32.338	26.821	218.3	0.926	1507.3	5.07
219.	217.7	13.834	13.803	34.525	25.862	25.854	32.397	26.844	219.3	0.950	1506.0	0.88
230.	228.6	13.790	13.757	34.535	25.879	25.871	32.416	26.895	218.1	0.974	1506.0	6.16
240.	238.5	13.521	13.487	34.514	25.919	25.911	32.464	26.980	214.4	0.996	1505.3	2.23
250.	248.5	13.238	13.203	34.510	25.973	25.965	32.526	27.080	209.4	1.017	1504.5	1.64
260.	258.4	12.967	12.931	34.496	26.017	26.009	32.578	27.169	205.4	1.038	1503.8	5.54
270.	268.3	12.660	12.623	34.480	26.065	26.058	32.636	27.264	201.0	1.058	1502.9	4.46
280.	278.2	11.827	11.791	34.487	26.231	26.223	32.826	27.478	185.1	1.077	1500.2	8.16
290.	288.2	11.477	11.440	34.480	26.291	26.283	32.896	27.585	179.5	1.096	1499.2	4.91
300.	298.1	11.174	11.137	34.478	26.345	26.338	32.960	27.685	174.4	1.113	1498.3	2.70
320.	318.0	10.462	10.424	34.470	26.466	26.459	33.103	27.900	163.0	1.147	1496.1	2.14
340.	337.8	10.390	10.349	34.475	26.482	26.474	33.122	28.006	161.9	1.180	1496.2	0.62
360.	357.7	9.794	9.752	34.468	26.579	26.572	33.237	28.197	152.8	1.212	1494.4	0.00
380.	377.5	9.319	9.276	34.474	26.662	26.655	33.337	28.374	144.9	1.242	1493.0	2.05
400.	397.4	9.005	8.962	34.482	26.719	26.712	33.404	28.524	139.7	1.270	1492.2	4.10
420.	417.2	8.160	8.117	34.499	26.863	26.857	33.576	28.766	125.7	1.296	1489.4	4.67
440.	437.1	7.790	7.746	34.508	26.926	26.919	33.651	28.922	119.9	1.321	1488.3	4.67
460.	456.9	7.348	7.303	34.522	27.000	26.994	33.741	29.092	112.7	1.344	1487.0	3.81
480.	476.8	7.174	7.128	34.544	27.042	27.035	33.788	29.225	109.0	1.366	1486.6	3.76
500.	496.6	7.129	7.081	34.540	27.045	27.038	33.793	29.320	108.9	1.388	1486.8	0.00
520.	516.4	7.074	7.024	34.543	27.055	27.048	33.805	29.421	108.2	1.410	1486.9	2.05
541.	537.3	6.905	6.854	34.552	27.086	27.079	33.842	29.549	105.5	1.432	1486.6	2.72
560.	556.1	6.808	6.755	34.551	27.099	27.091	33.858	29.649	104.5	1.452	1486.6	2.55
580.	575.9	6.746	6.692	34.551	27.107	27.100	33.869	29.749	103.9	1.473	1486.6	0.87
600.	595.8	6.634	6.578	34.550	27.122	27.115	33.888	29.856	102.7	1.494	1486.5	0.00
650.	645.4	6.285	6.226	34.558	27.175	27.167	33.953	30.140	98.0	1.544	1486.0	1.24
700.	694.9	6.191	6.128	34.556	27.186	27.177	33.968	30.379	97.5	1.593	1486.5	0.00
750.	744.5	5.893	5.827	34.572	27.236	27.228	34.029	30.661	93.0	1.640	1486.1	1.52
802.	796.0	5.647	5.577	34.575	27.270	27.261	34.072	30.935	90.1	1.688	1486.0	3.24
850.	843.5	5.428	5.355	34.582	27.302	27.293	34.112	31.189	87.3	1.731	1485.9	2.31
900.	893.0	5.234	5.158	34.586	27.329	27.320	34.146	31.447	85.0	1.774	1486.0	1.75
950.	942.5	5.062	4.983	34.588	27.351	27.341	34.174	31.699	83.2	1.816	1486.1	2.05
1000.	992.0	4.695	4.614	34.594	27.398	27.388	34.235	31.982	78.5	1.856	1485.4	2.05
1050.	1041.5	4.546	4.462	34.597	27.416	27.407	34.260	32.231	76.9	1.895	1485.7	0.87
1100.	1091.0	4.436	4.348	34.597	27.429	27.419	34.277	32.473	76.0	1.933	1486.0	0.00
1150.	1140.4	4.219	4.129	34.600	27.454	27.445	34.311	32.731	73.5	1.971	1486.0	0.62
1200.	1189.9	4.095	4.001	34.601	27.469	27.459	34.330	32.976	72.3	2.007	1486.3	0.87
1248.	1237.3	4.035	3.938	34.601	27.475	27.465	34.339	33.230	72.0	2.042	1486.8	0.00
fin	1292.	1280.8	3.905	3.805	34.602	27.489	27.479	34.358	0.000	2.1*****	0.0	

Mean vertical sound speed between 0. et 1292. dbar : 1495.1 m/s  
Reference pressure for gamprf : 1500. dbar

JADE 95 Station 03 - (12 Nov 95)





98/10/13  
15:47:52

listacor\_04

1

JADE 95

station : 4.00

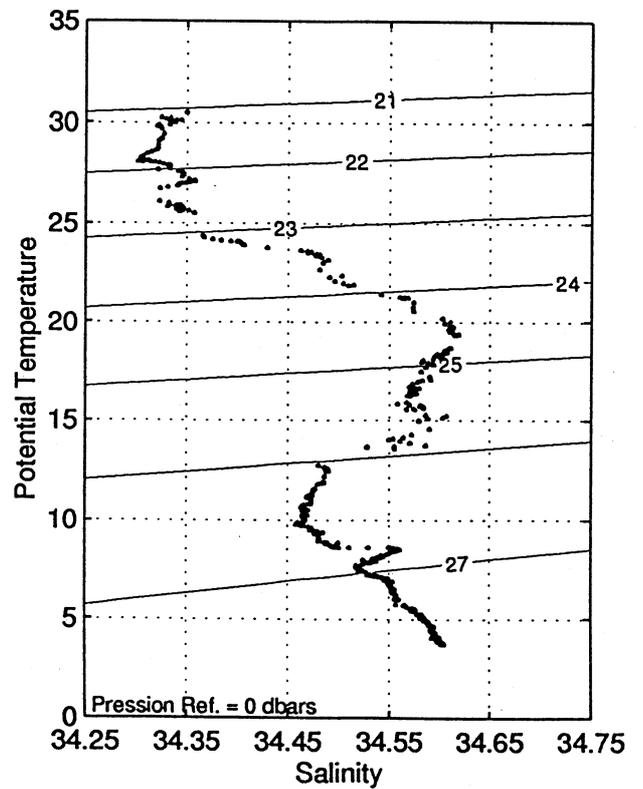
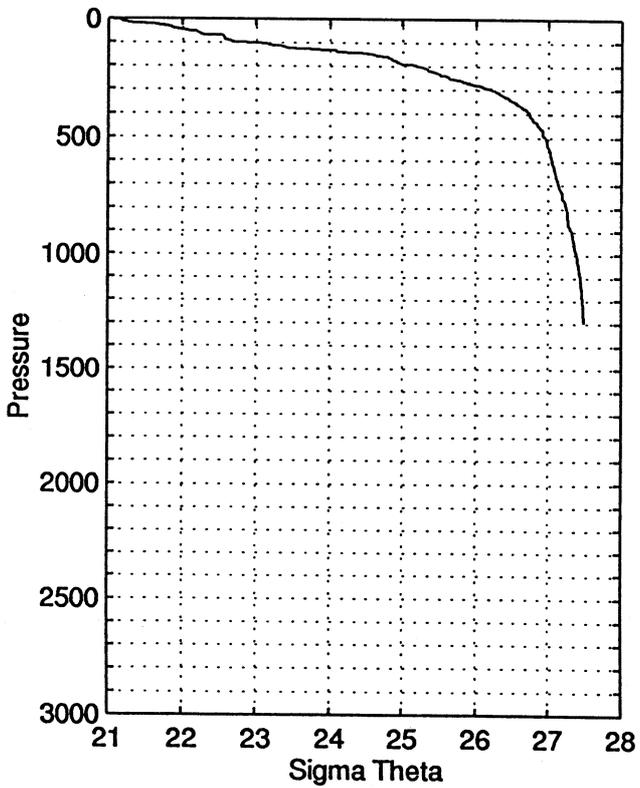
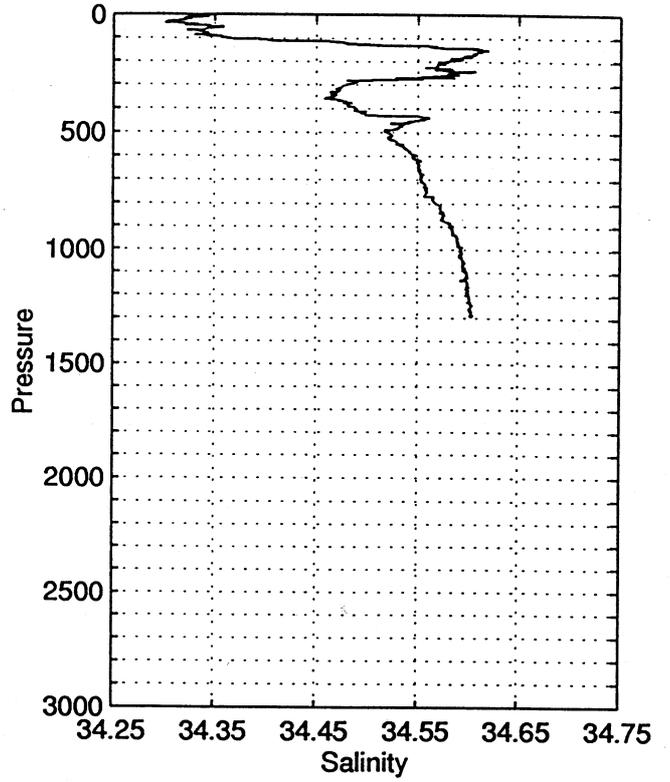
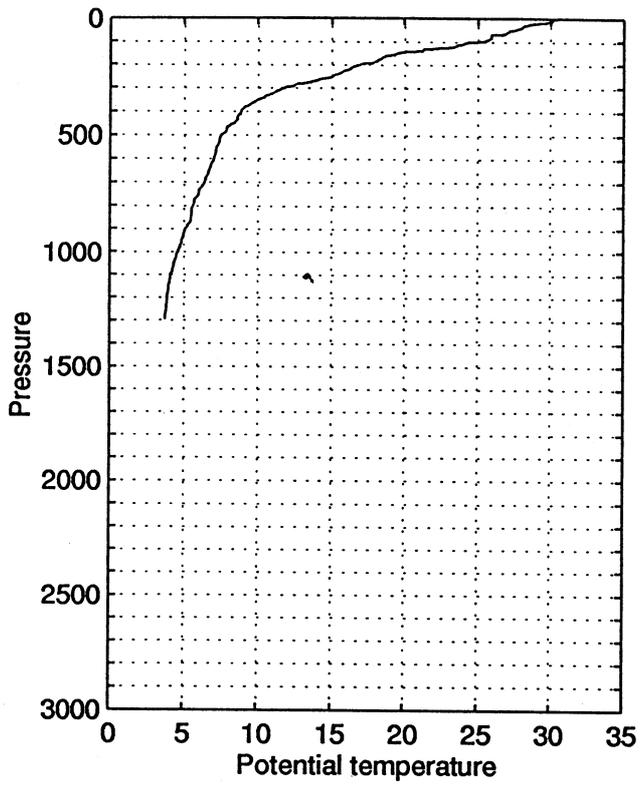
data reduction: 1 dbar

le 12/11/1995 a 9.45 tu -7.5300 125.4066 depth : 3768 m (3823.dbar)

press.	prof	temp.	theta	salin	sigtheta	sigmaamm	gamprf	gapt5	avsp	h-dyn	v(sound)	bva
								(*1e5)	(mdyn)		(cph)	
1.	1.0	30.503	30.502	34.349	21.069	21.066	27.242	21.071	670.7	0.000	1546.0	0.00
10.	9.9	30.111	30.108	34.332	21.191	21.188	27.371	21.230	659.4	0.060	1545.3	0.00
20.	19.9	29.161	29.156	34.323	21.506	21.502	27.702	21.587	629.7	0.124	1543.5	7.86
30.	29.8	28.266	28.259	34.303	21.788	21.784	28.000	21.912	603.1	0.186	1541.7	3.25
40.	39.8	27.966	27.956	34.327	21.905	21.900	28.121	22.071	592.4	0.245	1541.2	7.72
50.	49.7	27.434	27.422	34.347	22.093	22.087	28.319	22.302	574.8	0.304	1540.2	7.96
60.	59.7	27.012	26.998	34.345	22.227	22.221	28.461	22.478	562.4	0.360	1539.4	4.36
70.	69.6	25.947	25.932	34.332	22.553	22.546	28.807	22.848	531.6	0.416	1537.1	9.63
80.	79.5	25.910	25.892	34.344	22.574	22.566	28.828	22.911	530.1	0.469	1537.2	2.15
90.	89.5	25.757	25.737	34.344	22.622	22.614	28.879	23.001	525.9	0.522	1537.0	4.53
102.	101.4	24.406	24.384	34.366	23.049	23.041	29.333	23.481	485.4	0.583	1534.0	14.86
111.	110.3	24.009	23.985	34.404	23.196	23.188	29.488	23.667	471.7	0.626	1533.2	5.97
120.	119.3	23.462	23.437	34.481	23.415	23.406	29.717	23.925	451.1	0.667	1532.1	5.20
130.	129.2	22.005	21.980	34.504	23.848	23.840	30.181	24.404	410.0	0.711	1528.5	11.19
140.	139.2	21.056	21.029	34.574	24.163	24.155	30.516	24.764	380.2	0.750	1526.2	14.23
150.	149.1	19.536	19.509	34.610	24.594	24.586	30.981	25.241	339.3	0.786	1522.2	10.36
161.	160.0	18.730	18.701	34.612	24.801	24.793	31.208	25.498	319.8	0.822	1520.1	8.48
170.	169.0	18.494	18.465	34.605	24.856	24.847	31.268	25.592	314.8	0.850	1519.6	0.00
180.	178.9	18.210	18.179	34.603	24.925	24.916	31.344	25.706	308.5	0.882	1518.9	3.56
190.	188.9	17.910	17.878	34.593	24.991	24.982	31.418	25.816	302.5	0.912	1518.2	5.97
200.	198.8	16.996	16.963	34.578	25.200	25.191	31.650	26.072	282.7	0.941	1515.7	3.92
210.	208.7	16.446	16.412	34.576	25.327	25.318	31.792	26.245	270.8	0.969	1514.2	7.90
218.	216.7	16.287	16.252	34.570	25.360	25.351	31.829	26.407	261.2	0.991	1513.8	4.29
230.	228.6	15.793	15.757	34.582	25.482	25.473	31.964	26.489	256.5	1.022	1512.5	4.11
241.	239.5	15.334	15.297	34.586	25.588	25.579	32.082	26.646	246.6	1.050	1511.2	7.36
253.	251.4	15.040	15.002	34.579	25.648	25.639	32.150	26.759	241.2	1.079	1510.5	2.55
261.	259.4	14.345	14.307	34.572	25.792	25.784	32.314	26.942	227.4	1.098	1508.4	6.18
270.	268.3	13.806	13.767	34.586	25.916	25.908	32.453	27.109	215.7	1.118	1506.8	10.86
282.	280.2	12.788	12.749	34.480	26.041	26.032	32.607	27.291	203.7	1.143	1503.5	6.37
290.	288.2	12.499	12.460	34.489	26.104	26.096	32.679	27.392	197.7	1.159	1502.7	1.64
299.	297.1	11.857	11.818	34.480	26.220	26.212	32.814	27.611	182.8	1.176	1500.6	2.66
320.	318.0	11.125	11.085	34.473	26.350	26.343	32.967	27.780	174.4	1.214	1498.5	5.46
340.	337.8	10.474	10.433	34.466	26.461	26.453	33.098	27.984	164.0	1.248	1496.5	0.00
360.	357.7	9.794	9.753	34.463	26.574	26.567	33.233	28.193	153.2	1.279	1494.4	5.21
380.	377.5	9.190	9.148	34.481	26.688	26.681	33.367	28.401	142.4	1.309	1492.5	6.16
400.	397.4	8.895	8.852	34.489	26.742	26.735	33.430	28.547	137.5	1.337	1491.8	1.75
420.	417.2	8.667	8.622	34.498	26.785	26.777	33.480	28.682	133.6	1.364	1491.3	2.70
440.	437.1	8.561	8.514	34.561	26.851	26.843	33.549	28.839	127.7	1.390	1491.3	2.83
460.	456.9	8.158	8.111	34.538	26.895	26.887	33.607	28.977	123.5	1.415	1490.1	0.00
480.	476.8	7.899	7.851	34.532	26.928	26.921	33.650	29.104	120.4	1.440	1489.4	1.52
500.	496.6	7.541	7.492	34.521	26.972	26.965	33.706	29.242	116.3	1.464	1488.4	1.75
520.	516.4	7.444	7.393	34.521	26.986	26.979	33.724	29.348	115.2	1.487	1488.3	1.18
535.	531.3	7.401	7.348	34.527	26.998	26.990	33.737	29.511	112.2	1.504	1488.4	2.55
560.	556.1	7.203	7.149	34.536	27.033	27.025	33.778	29.578	111.2	1.532	1488.1	1.64
580.	575.9	7.158	7.102	34.542	27.044	27.036	33.792	29.680	110.4	1.554	1488.2	1.61
600.	595.8	7.074	7.016	34.546	27.059	27.051	33.809	29.786	109.2	1.576	1488.2	0.00
650.	645.4	6.759	6.697	34.551	27.106	27.098	33.868	30.064	105.1	1.630	1487.9	1.38
701.	695.9	6.407	6.343	34.554	27.156	27.148	33.931	30.351	100.7	1.682	1487.3	2.53
750.	744.5	6.050	5.983	34.558	27.206	27.197	33.993	30.628	96.1	1.730	1486.7	0.87
802.	796.0	5.680	5.610	34.568	27.260	27.251	34.061	30.925	91.1	1.779	1486.1	1.57
850.	843.5	5.559	5.486	34.577	27.282	27.273	34.088	31.167	89.4	1.822	1486.4	1.24
900.	893.0	5.177	5.102	34.584	27.333	27.324	34.153	31.453	84.4	1.866	1485.7	0.00
950.	942.5	4.936	4.857	34.590	27.366	27.357	34.195	31.718	81.4	1.907	1485.6	0.87
1000.	992.0	4.675	4.594	34.593	27.399	27.390	34.237	31.983	78.3	1.947	1485.3	0.62
1050.	1041.5	4.414	4.330	34.595	27.429	27.420	34.278	32.248	75.4	1.986	1485.1	0.87
1101.	1091.9	4.179	4.093	34.598	27.457	27.448	34.315	32.513	72.7	2.024	1485.0	0.00
1150.	1140.4	4.071	3.982	34.600	27.470	27.461	34.332	32.752	71.6	2.059	1485.3	1.38
1200.	1189.9	3.972	3.880	34.600	27.481	27.471	34.347	32.992	70.8	2.095	1485.8	1.38
1248.	1237.3	3.899	3.803	34.604	27.491	27.481	34.360	33.259	70.2	2.129	1486.3	0.00
fin	1294.	1282.8	3.833	3.734	34.605	27.499	27.489	34.371	0.000	2.2*****	1.5	

Mean vertical sound speed between 1. et 1294. dbar : 1496.3 m/s  
Reference pressure for gamprf : 1500. dbar

JADE 95 Station 04 - (12 Nov 95)



# STATION 04

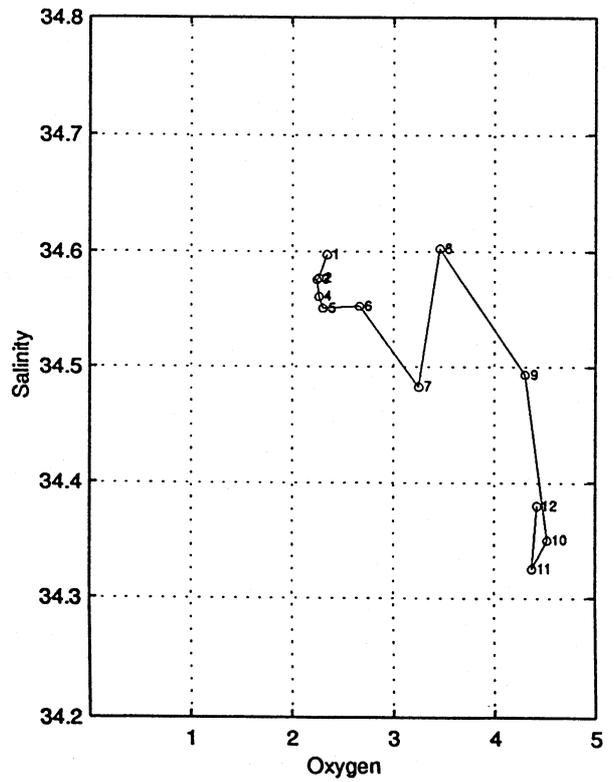
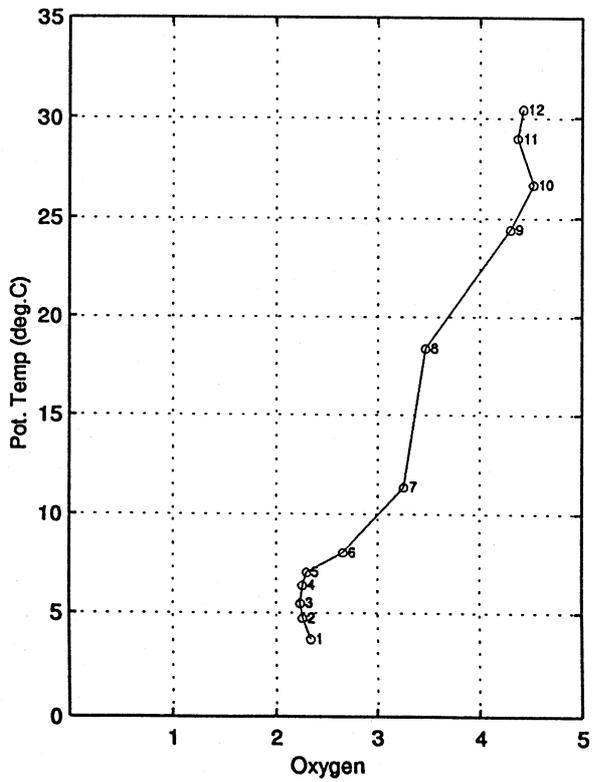
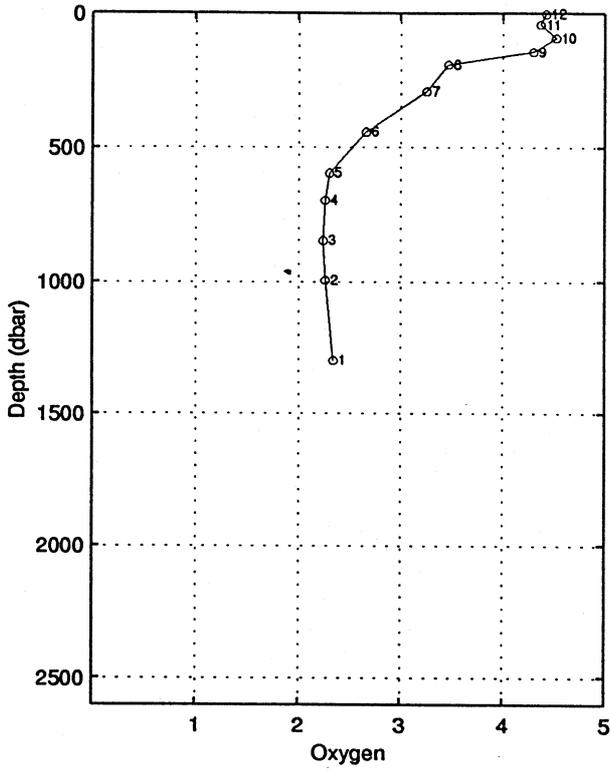
JADE 95

## Oxygen Profile

Bathysonde : Guildline INSU-Brest

Area : South Banda & Timor Sea - Indonesia

Cruise name : JADE95 - R/V Baruna Jaya I





98/10/13  
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listacor\_05

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JADE 95

station : 5.00

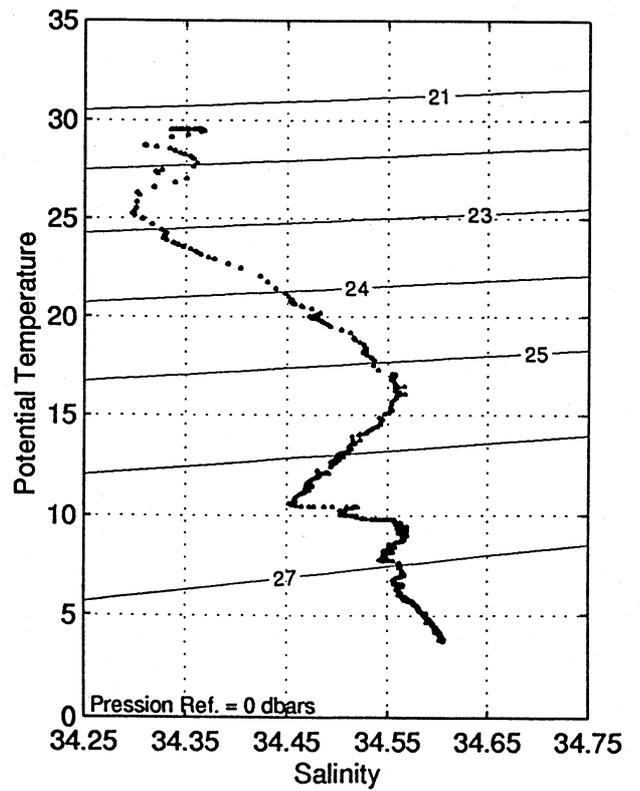
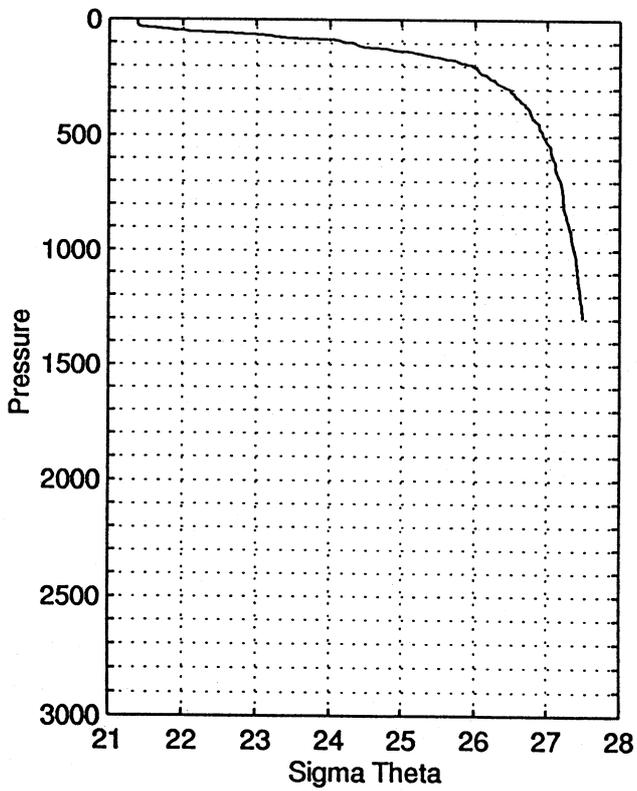
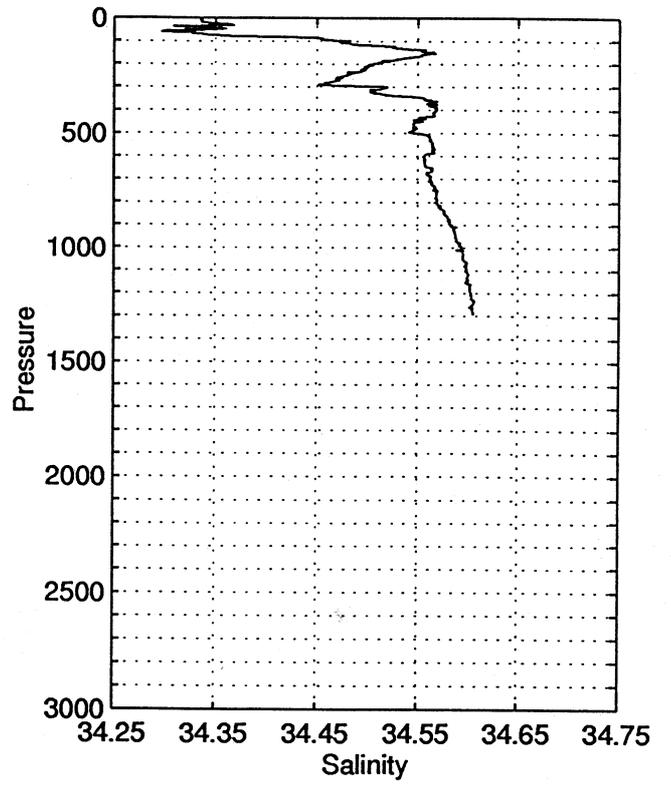
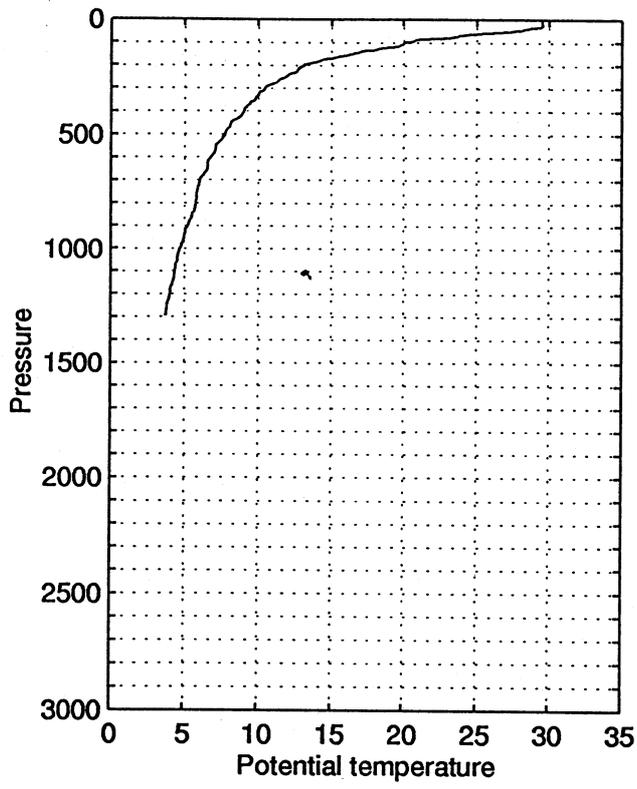
data reduction: 1 dbar

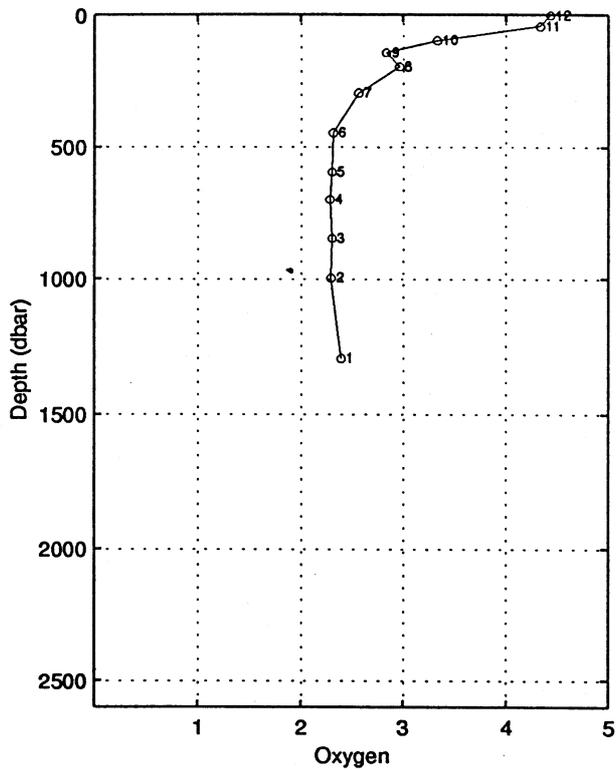
le 12/11/1995 a 18.50 tu -7.2758 126.4560 depth : 4448 m (4520.dbar)

press.	prof	temp.	theta	salin	sigtheta	sigmaamm	gamprf	gapts	avsp	h-dyn	v(sound)	bva
								(*1e5)	(mdyn)		(cph)	
0.	0.0	29.529	29.529	34.336	21.391	21.389	27.580	21.389	639.7	0.000	1543.9	0.00
10.	9.9	29.537	29.534	34.336	21.389	21.385	27.578	21.428	640.4	0.064	1544.1	0.00
20.	19.9	29.548	29.543	34.343	21.391	21.387	27.580	21.473	640.7	0.128	1544.3	2.63
30.	29.8	29.497	29.489	34.367	21.427	21.423	27.617	21.551	637.7	0.192	1544.4	6.16
40.	39.8	28.452	28.443	34.339	21.755	21.749	27.963	21.921	606.8	0.254	1542.3	11.15
50.	49.7	27.419	27.408	34.320	22.077	22.072	28.304	22.286	576.3	0.314	1540.2	7.38
60.	59.7	25.287	25.274	34.297	22.729	22.723	28.995	22.982	514.3	0.368	1535.3	10.27
70.	69.6	23.777	23.762	34.337	23.211	23.205	29.508	23.508	468.5	0.417	1531.9	12.53
80.	79.5	22.937	22.921	34.377	23.486	23.479	29.800	23.826	442.6	0.463	1529.9	10.25
90.	89.5	20.782	20.765	34.455	24.144	24.138	30.504	24.530	380.0	0.503	1524.5	7.25
100.	99.4	20.128	20.109	34.478	24.336	24.330	30.711	24.767	362.0	0.541	1522.9	7.86
110.	109.4	19.939	19.919	34.474	24.383	24.377	30.762	24.857	357.9	0.576	1522.6	2.15
120.	119.3	19.207	19.185	34.512	24.602	24.596	30.998	25.121	337.3	0.612	1520.7	11.96
130.	129.2	18.155	18.133	34.528	24.879	24.873	31.300	25.443	311.1	0.644	1517.9	7.14
140.	139.2	17.023	17.000	34.554	25.173	25.167	31.622	25.783	283.2	0.674	1514.7	6.13
150.	149.1	16.475	16.451	34.561	25.307	25.300	31.770	25.962	270.8	0.701	1513.2	1.38
160.	159.0	15.822	15.797	34.556	25.453	25.447	31.934	26.154	257.0	0.728	1511.4	7.76
170.	169.0	14.914	14.888	34.541	25.644	25.637	32.149	26.391	239.0	0.752	1508.7	10.79
180.	178.9	14.277	14.251	34.531	25.772	25.766	32.295	26.566	226.8	0.775	1506.8	2.70
190.	188.9	13.630	13.603	34.517	25.897	25.891	32.439	26.737	215.1	0.798	1504.8	8.90
200.	198.8	13.151	13.123	34.506	25.986	25.979	32.541	26.872	206.8	0.819	1503.4	0.00
210.	208.7	12.900	12.871	34.500	26.032	26.026	32.595	26.964	202.6	0.839	1502.7	2.48
220.	218.7	12.757	12.728	34.497	26.058	26.052	32.625	27.034	200.3	0.859	1502.4	1.52
230.	228.6	12.604	12.573	34.495	26.087	26.080	32.658	27.108	197.8	0.879	1502.1	4.15
240.	238.5	12.127	12.095	34.487	26.173	26.166	32.758	27.241	189.7	0.899	1500.6	0.88
250.	248.5	11.941	11.909	34.480	26.203	26.197	32.795	27.317	187.0	0.917	1500.1	2.90
260.	258.4	11.517	11.484	34.475	26.279	26.272	32.883	27.439	179.9	0.936	1498.8	6.19
270.	268.3	11.378	11.345	34.472	26.302	26.296	32.911	27.508	177.8	0.954	1498.5	1.07
280.	278.2	11.101	11.066	34.462	26.345	26.339	32.963	27.597	173.8	0.971	1497.7	4.29
290.	288.2	10.718	10.683	34.456	26.409	26.402	33.038	27.708	167.8	0.988	1496.5	2.77
300.	298.1	10.490	10.455	34.516	26.496	26.489	33.132	27.841	159.7	1.005	1495.9	4.50
320.	318.0	10.102	10.065	34.504	26.554	26.547	33.202	27.991	154.4	1.036	1494.9	1.07
340.	337.8	9.888	9.849	34.528	26.609	26.602	33.264	28.137	149.5	1.067	1494.5	4.50
360.	357.7	9.606	9.565	34.558	26.680	26.673	33.344	28.300	143.0	1.096	1493.8	5.43
380.	377.5	9.270	9.227	34.568	26.744	26.736	33.418	28.455	137.2	1.124	1492.9	1.86
400.	397.4	9.067	9.023	34.569	26.778	26.770	33.459	28.581	134.3	1.151	1492.5	1.75
420.	417.2	8.895	8.849	34.566	26.802	26.795	33.490	28.697	132.2	1.178	1492.2	0.87
440.	437.1	8.434	8.388	34.554	26.865	26.858	33.568	28.854	126.2	1.204	1490.8	2.62
460.	456.9	8.146	8.099	34.545	26.902	26.895	33.615	28.985	122.8	1.229	1490.0	0.00
480.	476.8	7.916	7.867	34.549	26.940	26.932	33.660	29.115	119.4	1.253	1489.5	4.10
500.	496.6	7.793	7.742	34.548	26.957	26.950	33.682	29.224	118.0	1.277	1489.4	1.96
520.	516.4	7.616	7.564	34.563	26.995	26.987	33.726	29.354	114.6	1.300	1489.0	1.96
540.	536.3	7.288	7.235	34.564	27.043	27.035	33.785	29.496	110.0	1.323	1488.1	1.38
560.	556.1	7.167	7.113	34.565	27.061	27.053	33.808	29.606	108.5	1.344	1488.0	1.64
580.	576.0	7.104	7.048	34.565	27.070	27.062	33.819	29.707	107.9	1.366	1488.1	1.38
600.	595.8	6.867	6.810	34.556	27.095	27.087	33.852	29.825	105.6	1.387	1487.5	1.07
650.	645.4	6.634	6.573	34.562	27.132	27.124	33.898	30.092	102.5	1.439	1487.4	1.52
700.	694.9	6.129	6.066	34.563	27.199	27.191	33.983	30.393	96.2	1.489	1486.2	0.87
750.	744.5	5.930	5.863	34.570	27.230	27.222	34.022	30.654	93.6	1.536	1486.3	1.64
800.	794.0	5.861	5.790	34.569	27.239	27.230	34.033	30.891	93.4	1.583	1486.8	0.00
850.	843.5	5.618	5.544	34.577	27.275	27.266	34.078	31.159	90.2	1.629	1486.7	0.00
900.	893.0	5.304	5.227	34.584	27.319	27.310	34.134	31.435	86.1	1.673	1486.2	1.75
950.	942.5	5.088	5.008	34.588	27.348	27.338	34.171	31.696	83.5	1.715	1486.2	0.00
1000.	992.0	4.780	4.698	34.595	27.389	27.379	34.223	31.971	79.5	1.756	1485.8	2.23
1050.	1041.5	4.635	4.550	34.595	27.405	27.396	34.245	32.217	78.2	1.796	1486.0	0.00
1100.	1091.0	4.458	4.370	34.599	27.428	27.419	34.275	32.472	76.1	1.834	1486.1	0.00
1150.	1140.4	4.301	4.210	34.600	27.446	27.437	34.300	32.721	74.5	1.872	1486.3	1.51
1200.	1189.9	4.135	4.041	34.604	27.467	27.457	34.327	32.973	72.6	1.908	1486.4	1.64
1249.	1238.3	3.926	3.829	34.606	27.490	27.480	34.358	33.247	70.4	1.943	1486.4	0.00
fin	1294.	1282.8	3.831	3.732	34.606	27.500	27.490	34.372	0.000	2.0*****	1.7	

Mean vertical sound speed between 0. et 1294. dbar : 1494.5 m/s  
Reference pressure for gamprf : 1500. dbar

JADE 95 Station 05 - (12 Nov 95)





## STATION 05

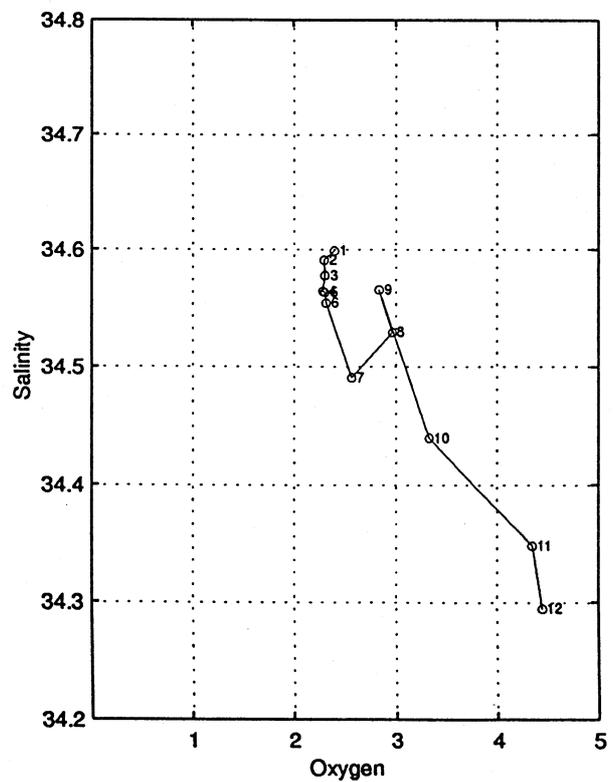
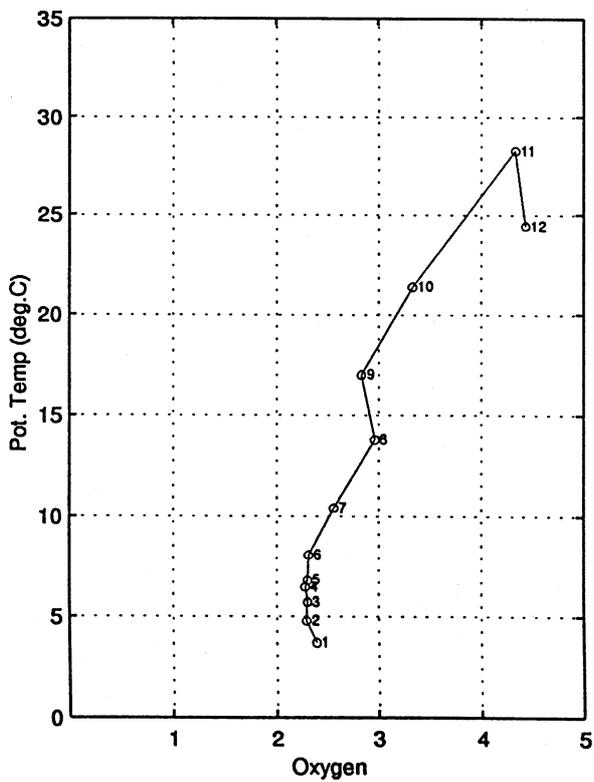
JADE 95

Oxygen Profile

Bathysonde : Guildline INSU-Brest

Area : South Banda & Timor Sea - Indonesia

Cruise name : JADE95 - R/V Baruna Jaya I



98/10/13  
15:50:46

listacor\_06

1

JADE 95

station : 6.00

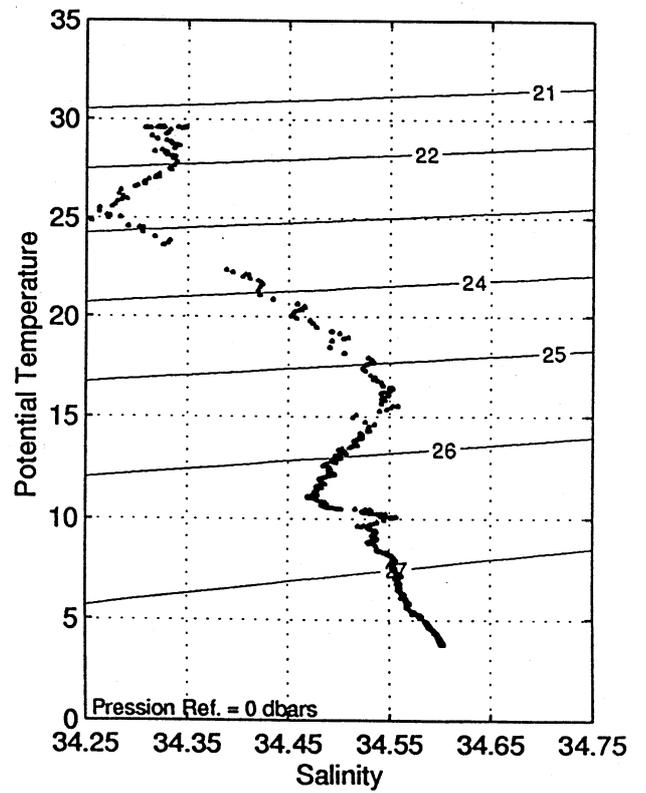
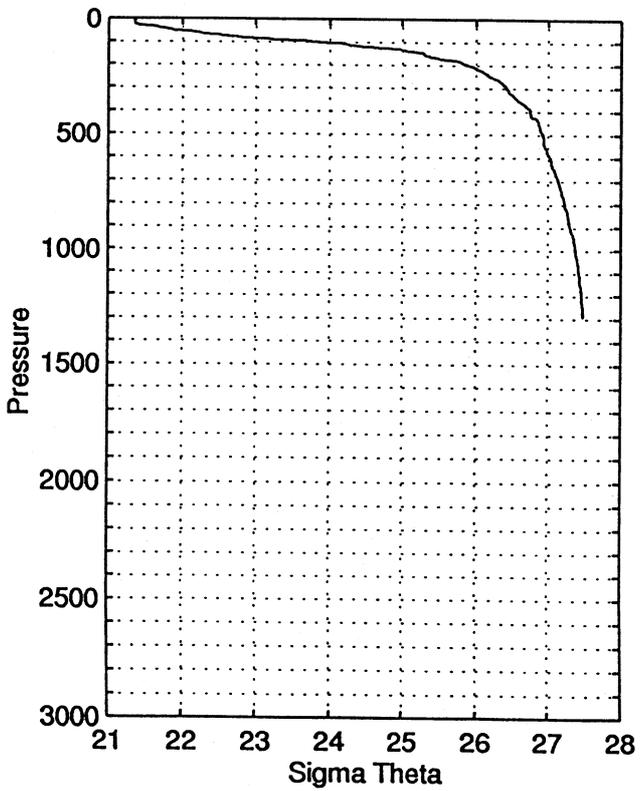
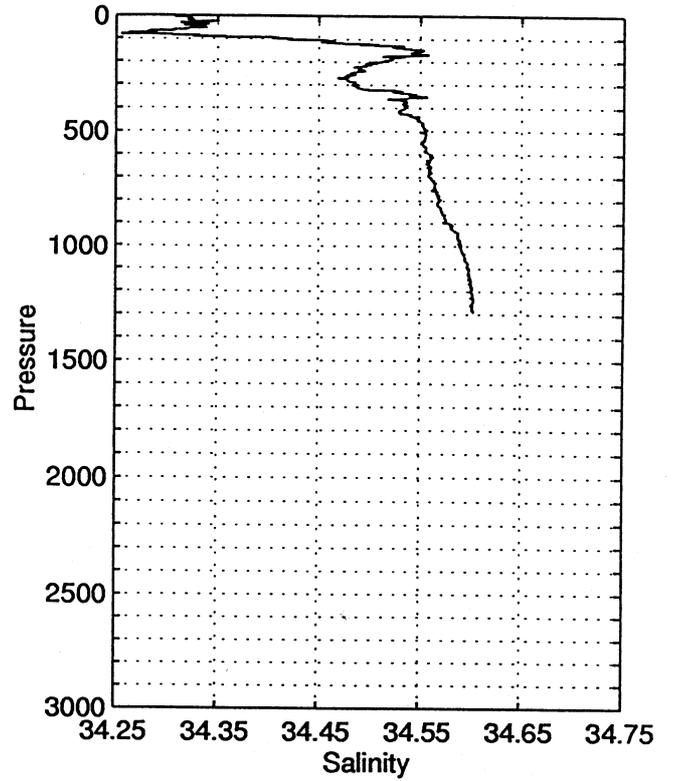
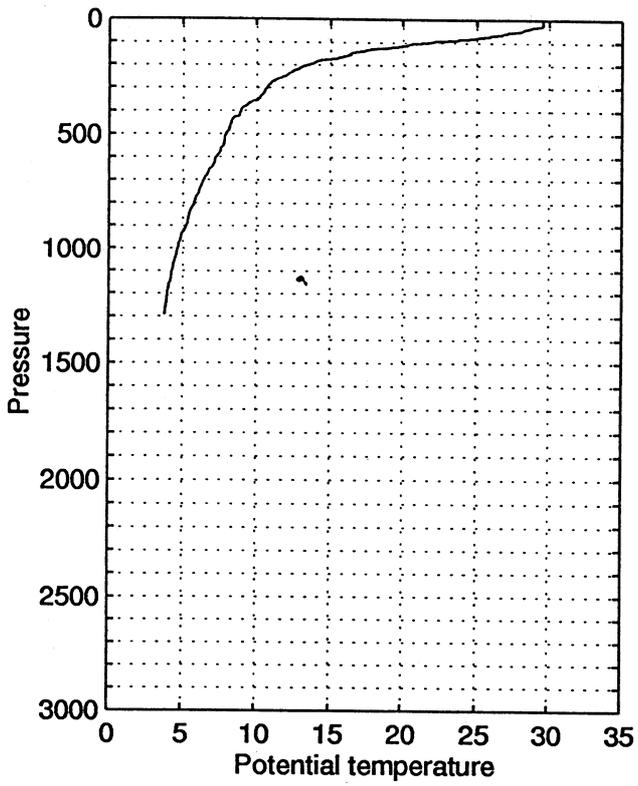
data reduction: 1 dbar

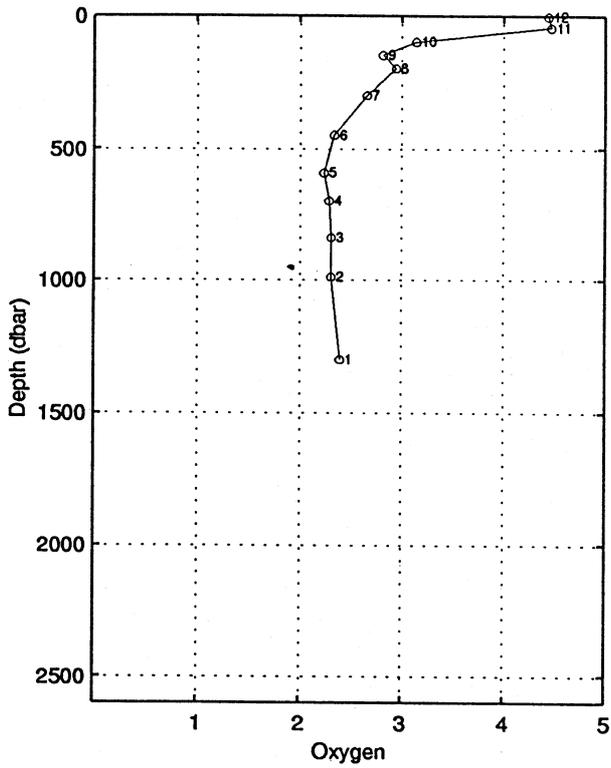
le 12/11/1995 a 22.09 tu -7.2606 127.0000 depth : 3044 m (3083.dbar)

press.	prof	temp.	theta	salin	sigtheta	sigmaamm	gamprf	gapts	avsp	h-dyn	v(sound)	bva
								(*1e5)	(mdyn)		(cph)	
1.	1.0	29.561	29.560	34.310	21.361	21.358	27.550	21.363	642.7	0.000	1544.0	0.00
10.	9.9	29.581	29.579	34.325	21.366	21.363	27.555	21.405	642.6	0.058	1544.2	2.74
20.	19.9	29.590	29.585	34.326	21.364	21.360	27.553	21.446	643.3	0.122	1544.4	2.08
30.	29.8	29.258	29.250	34.328	21.479	21.474	27.673	21.602	632.8	0.186	1543.9	8.06
40.	39.8	28.510	28.501	34.336	21.734	21.728	27.941	21.900	608.8	0.248	1542.4	10.42
50.	49.7	28.068	28.056	34.336	21.880	21.874	28.094	22.088	595.3	0.308	1541.6	5.63
60.	59.7	27.050	27.036	34.318	22.195	22.188	28.428	22.446	565.5	0.366	1539.5	4.36
70.	69.6	25.988	25.972	34.290	22.509	22.502	28.762	22.803	535.8	0.421	1537.2	11.83
80.	79.5	25.028	25.010	34.271	22.789	22.782	29.062	23.127	509.3	0.474	1535.0	2.52
89.	88.5	23.676	23.657	34.326	23.234	23.227	29.533	24.047	427.4	0.517	1531.9	8.55
100.	99.4	21.747	21.727	34.423	23.857	23.850	30.196	24.285	407.9	0.564	1527.2	10.12
110.	109.4	20.440	20.420	34.463	24.242	24.235	30.610	24.715	371.4	0.603	1523.9	6.01
120.	119.3	19.504	19.482	34.477	24.499	24.492	30.888	25.017	347.1	0.640	1521.5	12.62
130.	129.2	17.864	17.842	34.532	24.953	24.947	31.382	25.518	304.0	0.672	1517.0	9.95
140.	139.2	17.115	17.092	34.531	25.133	25.127	31.581	25.743	287.0	0.702	1515.0	13.56
150.	149.1	16.440	16.416	34.553	25.309	25.303	31.774	25.964	270.5	0.730	1513.1	3.82
160.	159.0	16.217	16.192	34.541	25.352	25.345	31.822	26.051	266.7	0.757	1512.6	5.97
170.	169.0	15.567	15.541	34.557	25.511	25.505	31.999	26.257	251.7	0.783	1510.8	1.96
180.	178.9	14.441	14.415	34.528	25.735	25.729	32.254	26.528	230.4	0.807	1507.3	8.84
190.	188.9	13.987	13.959	34.522	25.827	25.821	32.358	26.666	221.9	0.829	1506.0	2.70
200.	198.8	13.564	13.535	34.512	25.907	25.900	32.450	26.791	214.4	0.851	1504.8	4.59
210.	208.7	13.052	13.023	34.498	26.000	25.994	32.558	26.931	205.6	0.872	1503.2	7.50
220.	218.7	12.808	12.778	34.495	26.046	26.040	32.612	27.022	201.5	0.893	1502.6	4.99
230.	228.6	12.481	12.450	34.492	26.108	26.102	32.683	27.130	195.7	0.913	1501.6	3.71
240.	238.5	12.208	12.176	34.496	26.164	26.158	32.747	27.232	190.6	0.932	1500.9	3.39
250.	248.5	12.002	11.970	34.481	26.192	26.185	32.782	27.305	188.1	0.951	1500.3	2.23
260.	258.4	11.561	11.528	34.482	26.276	26.269	32.879	27.436	180.2	0.969	1499.0	2.77
270.	268.3	11.215	11.182	34.473	26.333	26.326	32.946	27.539	174.9	0.987	1497.9	0.00
280.	278.2	11.005	10.971	34.478	26.375	26.368	32.995	27.627	171.0	1.004	1497.4	3.22
291.	289.2	10.829	10.794	34.486	26.413	26.406	33.038	27.715	167.6	1.023	1497.0	3.22
300.	298.1	10.760	10.724	34.486	26.425	26.418	33.053	27.768	166.6	1.038	1496.9	0.00
320.	318.0	10.560	10.521	34.496	26.468	26.461	33.102	27.902	162.8	1.071	1496.5	4.33
340.	337.8	10.295	10.255	34.541	26.550	26.543	33.192	28.075	155.4	1.102	1495.9	0.62
360.	357.7	9.798	9.757	34.532	26.628	26.620	33.286	28.246	148.2	1.133	1494.5	2.70
380.	377.5	9.313	9.270	34.535	26.711	26.703	33.384	28.422	140.4	1.162	1493.0	2.14
400.	397.4	8.999	8.955	34.535	26.761	26.754	33.445	28.565	135.8	1.189	1492.2	0.00
420.	417.2	8.881	8.835	34.531	26.777	26.770	33.465	28.672	134.5	1.216	1492.1	2.90
440.	437.1	8.388	8.342	34.547	26.866	26.859	33.571	28.856	126.0	1.242	1490.6	0.00
458.	454.9	8.283	8.235	34.550	26.885	26.877	33.593	28.992	123.9	1.265	1490.5	1.75
480.	476.8	8.206	8.157	34.553	26.899	26.892	33.610	29.071	123.5	1.292	1490.6	1.07
500.	496.6	7.984	7.933	34.555	26.934	26.927	33.653	29.199	120.4	1.316	1490.1	1.38
526.	522.4	7.887	7.834	34.555	26.949	26.941	33.671	29.332	119.3	1.347	1490.2	0.44
540.	536.3	7.874	7.819	34.553	26.950	26.942	33.672	29.396	119.5	1.364	1490.3	0.00
563.	559.1	7.618	7.561	34.553	26.987	26.979	33.718	29.540	116.1	1.391	1489.7	2.68
582.	577.9	7.544	7.486	34.555	27.000	26.991	33.734	29.640	115.1	1.413	1489.8	1.96
600.	595.8	7.293	7.234	34.562	27.041	27.032	33.783	29.765	111.2	1.434	1489.1	2.14
650.	645.4	6.886	6.824	34.559	27.096	27.087	33.853	30.052	106.3	1.489	1488.4	1.24
701.	695.9	6.477	6.412	34.561	27.152	27.144	33.924	30.345	101.2	1.542	1487.6	2.71
750.	744.5	6.171	6.103	34.566	27.197	27.188	33.979	30.616	97.2	1.590	1487.2	2.27
800.	794.0	5.847	5.776	34.569	27.240	27.231	34.035	30.892	93.2	1.638	1486.8	0.00
850.	843.5	5.521	5.447	34.572	27.283	27.274	34.090	31.169	89.2	1.683	1486.3	0.76
900.	893.0	5.327	5.250	34.579	27.313	27.303	34.127	31.429	86.7	1.727	1486.3	1.96
950.	942.5	4.955	4.876	34.589	27.363	27.354	34.191	31.714	81.7	1.770	1485.7	0.87
1000.	992.0	4.739	4.657	34.591	27.390	27.381	34.227	31.973	79.3	1.810	1485.6	0.62
1050.	1041.5	4.542	4.458	34.595	27.415	27.406	34.259	32.230	77.0	1.849	1485.6	1.81
1100.	1091.0	4.358	4.271	34.598	27.438	27.428	34.289	32.484	74.9	1.887	1485.7	0.00
1151.	1141.4	4.199	4.108	34.601	27.458	27.448	34.315	32.740	73.2	1.925	1485.9	2.62
1200.	1189.9	4.059	3.965	34.601	27.473	27.463	34.335	32.981	71.9	1.960	1486.1	0.00
1253.	1242.3	3.955	3.858	34.603	27.485	27.475	34.352	33.237	70.9	1.998	1486.6	0.67
fin	1291.	1279.8	3.888	3.789	34.604	27.493	27.482	34.362	0.000	2.0*****	0.9	

Mean vertical sound speed between 1. et 1291. dbar : 1495.1 m/s  
Reference pressure for gamprf : 1500. dbar

JADE 95 Station 06 - (12 Nov 95)





# STATION 06

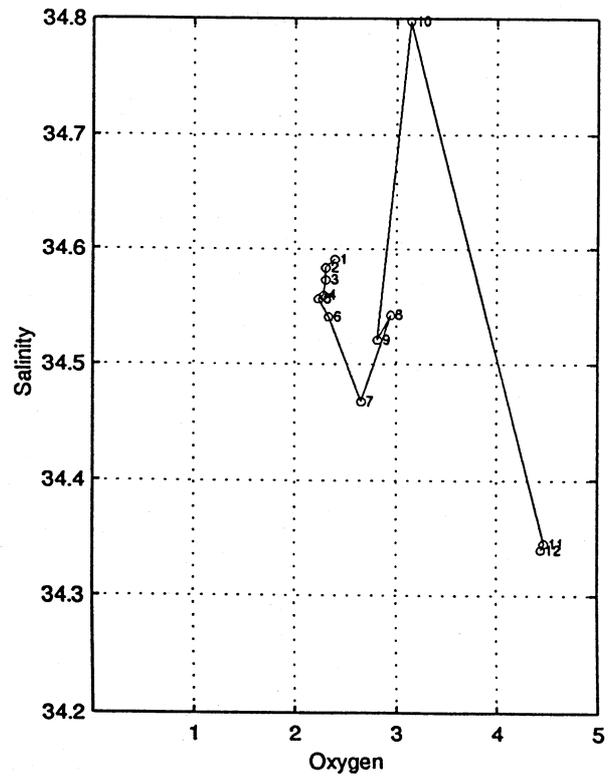
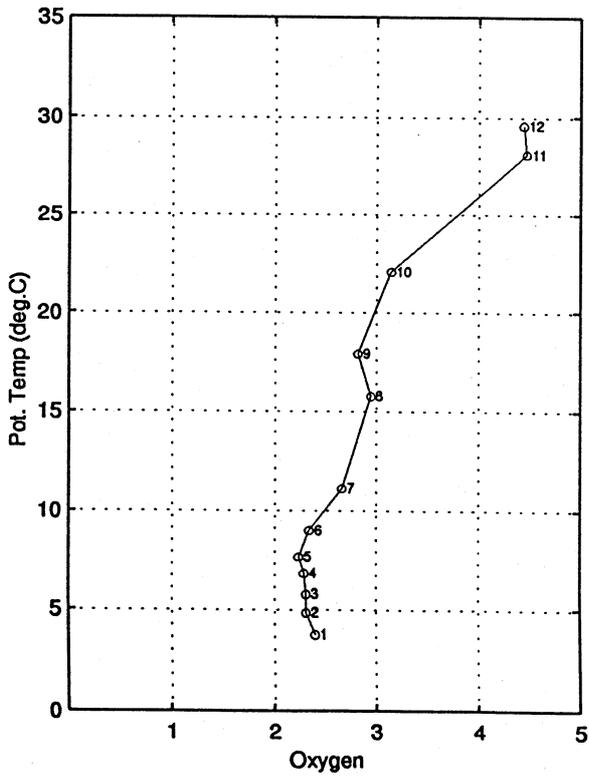
JADE 95

## Oxygen Profile

Bathysonde : Guildline INSU-Brest

Area : South Banda & Timor Sea - Indonesia

Cruise name : JADE95 - R/V Baruna Jaya I



98/10/13  
15:52:37

listacor\_07

1

JADE 95

station : 7.00

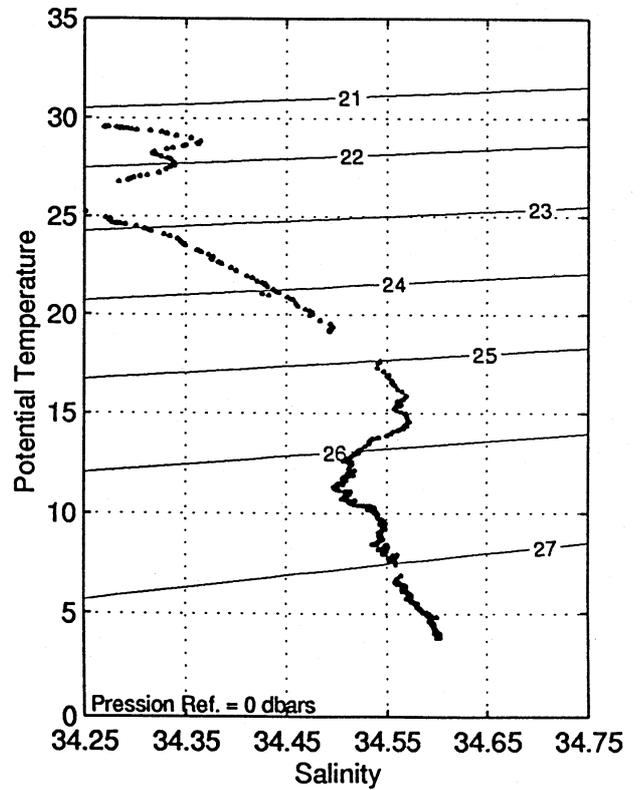
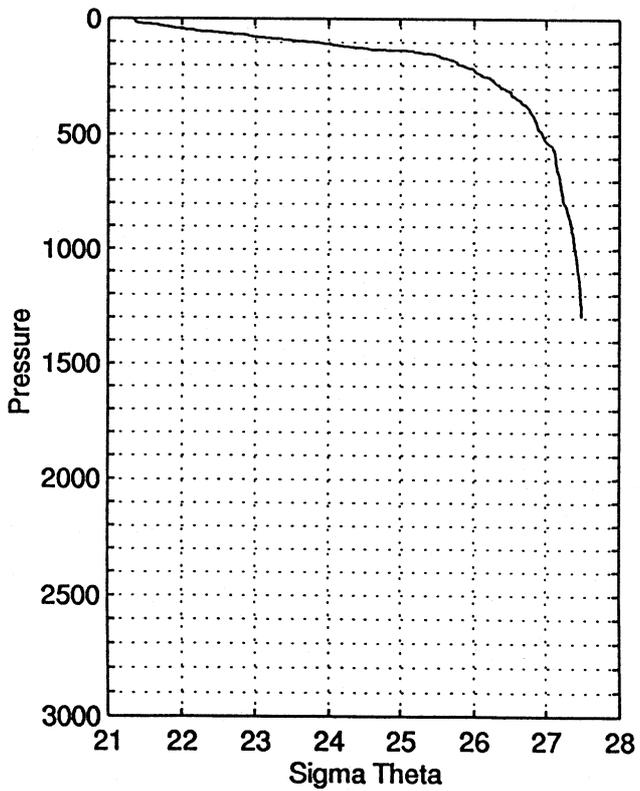
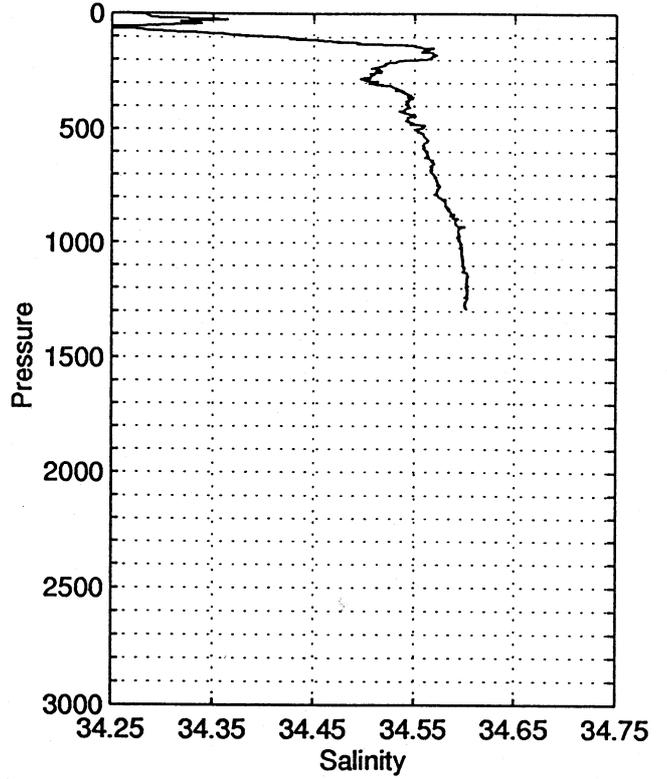
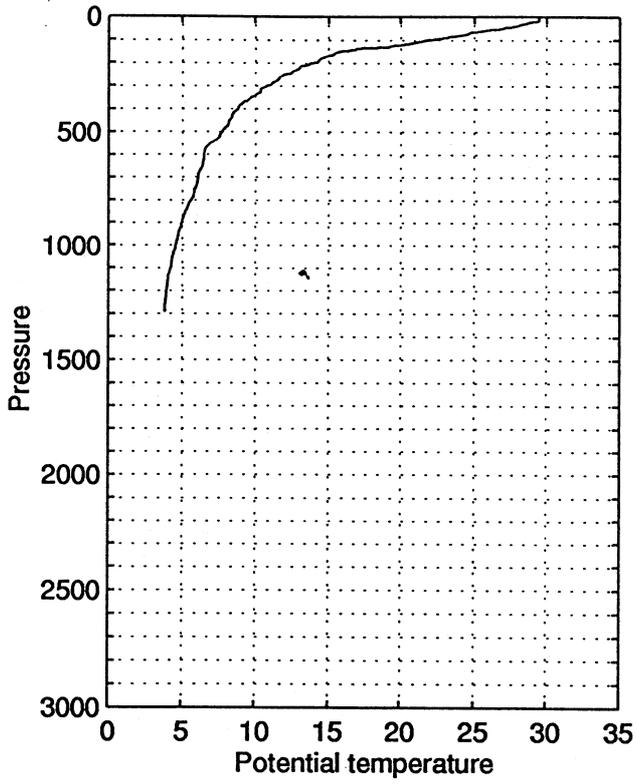
data reduction: 1 dbar

le 13/11/1995 a 1.23 tu -7.2448 127.1538 depth : 2984 m (3022.dbar)

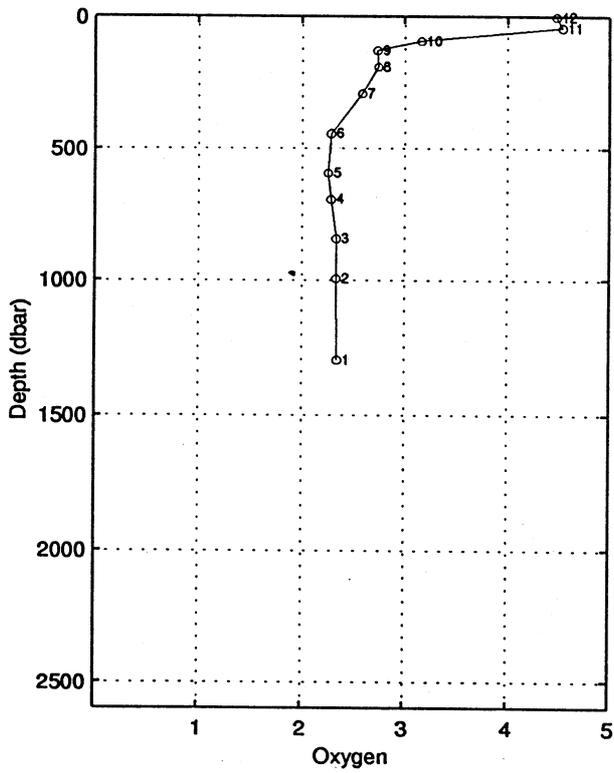
press.	prof	temp.	theta	salin	sigtheta	sigmaamat	gamprf	gapt5	avsp	h-dyn	v(sound)	bva
								(*1e5)	(mdyn)		(cph)	
0.	0.0	29.553	29.553	34.273	21.335	21.333	27.525	21.333	645.1	0.000	1543.9	0.00
10.	9.9	29.477	29.475	34.285	21.371	21.367	27.561	21.410	642.2	0.064	1543.9	1.07
20.	19.9	29.306	29.301	34.326	21.459	21.455	27.653	21.541	634.1	0.128	1543.8	9.53
30.	29.8	28.495	28.488	34.337	21.738	21.734	27.946	21.862	607.9	0.190	1542.2	9.55
40.	39.8	27.952	27.942	34.334	21.915	21.910	28.132	22.081	591.4	0.250	1541.2	6.72
50.	49.7	27.002	26.991	34.298	22.194	22.189	28.429	22.403	565.1	0.308	1539.2	7.24
60.	59.7	25.705	25.691	34.226	22.547	22.541	28.806	22.799	531.7	0.363	1536.3	10.70
70.	69.6	24.653	24.639	34.281	22.909	22.903	29.188	23.205	497.5	0.414	1534.0	4.80
80.	79.5	24.115	24.099	34.328	23.106	23.099	29.396	23.445	479.1	0.463	1532.9	13.56
90.	89.5	23.093	23.074	34.372	23.437	23.431	29.748	23.820	447.7	0.509	1530.5	11.09
100.	99.4	21.880	21.860	34.416	23.814	23.807	30.150	24.242	412.0	0.552	1527.6	4.34
110.	109.4	21.162	21.141	34.442	24.032	24.025	30.384	24.504	391.5	0.593	1525.9	6.29
120.	119.3	20.231	20.209	34.473	24.306	24.299	30.678	24.822	365.7	0.631	1523.5	8.74
130.	129.2	19.253	19.230	34.493	24.576	24.569	30.971	25.138	340.1	0.666	1521.0	5.33
140.	139.2	16.939	16.916	34.550	25.189	25.183	31.641	25.800	281.7	0.696	1514.5	4.24
150.	149.1	15.925	15.902	34.569	25.439	25.433	31.917	26.096	258.0	0.724	1511.6	12.73
160.	159.0	15.433	15.409	34.563	25.545	25.539	32.036	26.247	248.1	0.749	1510.2	4.46
170.	169.0	15.003	14.977	34.568	25.645	25.638	32.147	26.392	238.9	0.773	1509.0	4.75
180.	178.9	14.576	14.550	34.571	25.740	25.733	32.254	26.532	230.0	0.797	1507.8	4.42
190.	188.9	14.398	14.370	34.567	25.775	25.768	32.294	26.612	226.9	0.820	1507.4	1.75
200.	198.8	14.009	13.981	34.554	25.847	25.840	32.377	26.730	220.3	0.842	1506.3	8.16
210.	208.7	13.588	13.559	34.532	25.918	25.911	32.460	26.847	213.7	0.864	1505.1	4.79
220.	218.7	13.087	13.057	34.522	26.011	26.005	32.568	26.986	204.9	0.884	1503.6	1.07
230.	228.6	12.940	12.909	34.517	26.037	26.030	32.599	27.057	202.7	0.905	1503.2	2.90
240.	238.5	12.575	12.543	34.515	26.108	26.102	32.681	27.174	196.0	0.925	1502.2	5.81
250.	248.5	12.170	12.137	34.518	26.189	26.182	32.773	27.301	188.5	0.944	1501.0	7.45
260.	258.4	11.814	11.780	34.506	26.248	26.241	32.843	27.406	183.0	0.963	1499.9	3.96
270.	268.3	11.615	11.581	34.507	26.286	26.279	32.887	27.490	179.5	0.981	1499.4	4.15
280.	278.2	11.472	11.437	34.506	26.312	26.305	32.917	27.561	177.2	0.999	1499.0	2.97
290.	288.2	11.201	11.165	34.500	26.357	26.350	32.971	27.653	173.1	1.016	1498.3	2.55
300.	298.1	10.851	10.814	34.509	26.427	26.420	33.052	27.770	166.5	1.033	1497.2	5.53
320.	318.0	10.412	10.374	34.529	26.521	26.513	33.159	27.955	157.8	1.065	1496.0	1.24
340.	337.8	10.094	10.054	34.539	26.583	26.576	33.232	28.110	152.1	1.096	1495.2	1.96
360.	357.7	9.618	9.577	34.544	26.667	26.660	33.331	28.286	144.3	1.126	1493.8	1.07
380.	377.5	9.108	9.067	34.541	26.749	26.742	33.429	28.462	136.6	1.154	1492.3	2.97
400.	397.4	8.867	8.824	34.543	26.789	26.782	33.477	28.594	133.0	1.181	1491.7	1.38
420.	417.2	8.544	8.499	34.539	26.836	26.829	33.535	28.734	128.7	1.207	1490.9	2.77
440.	437.1	8.441	8.395	34.550	26.861	26.853	33.563	28.850	126.6	1.232	1490.8	2.97
460.	456.9	8.238	8.191	34.542	26.886	26.879	33.596	28.968	124.4	1.257	1490.4	0.00
480.	476.8	8.043	7.993	34.546	26.918	26.911	33.635	29.092	121.6	1.282	1490.0	6.37
500.	496.6	7.801	7.751	34.554	26.961	26.953	33.685	29.227	117.7	1.306	1489.4	0.00
520.	516.4	7.646	7.594	34.558	26.987	26.979	33.717	29.345	115.4	1.329	1489.1	0.00
548.	544.2	6.938	6.886	34.564	27.091	27.084	33.846	29.585	105.2	1.360	1486.9	3.90
561.	557.1	6.789	6.737	34.561	27.109	27.101	33.869	29.664	103.5	1.374	1486.5	2.05
580.	576.0	6.616	6.562	34.560	27.132	27.125	33.898	29.775	101.4	1.393	1486.1	1.96
600.	595.8	6.574	6.518	34.563	27.140	27.132	33.908	29.874	100.9	1.414	1486.3	0.87
650.	645.4	6.439	6.380	34.569	27.163	27.155	33.936	30.126	99.3	1.464	1486.6	0.62
700.	694.9	6.169	6.106	34.569	27.198	27.190	33.981	30.392	96.3	1.512	1486.4	0.00
750.	744.5	5.990	5.923	34.574	27.226	27.217	34.015	30.649	94.2	1.560	1486.5	0.00
800.	794.0	5.689	5.620	34.575	27.264	27.255	34.064	30.920	90.7	1.606	1486.1	0.00
850.	843.5	5.298	5.226	34.584	27.319	27.310	34.134	31.209	85.4	1.650	1485.4	1.38
901.	894.0	5.041	4.966	34.592	27.356	27.347	34.180	31.482	82.1	1.693	1485.2	1.07
950.	942.5	4.830	4.752	34.595	27.382	27.373	34.215	31.736	79.7	1.733	1485.2	1.31
1000.	992.0	4.646	4.565	34.596	27.404	27.395	34.244	31.990	77.8	1.772	1485.2	1.07
1052.	1043.5	4.424	4.341	34.598	27.430	27.421	34.278	32.257	75.3	1.812	1485.2	1.69
1100.	1091.0	4.320	4.233	34.598	27.442	27.433	34.295	32.490	74.4	1.848	1485.5	0.00
1150.	1140.4	4.127	4.038	34.604	27.467	27.458	34.327	32.747	72.1	1.885	1485.6	1.86
1200.	1189.9	4.031	3.938	34.603	27.477	27.467	34.340	32.986	71.4	1.920	1486.0	0.00
1246.	1235.3	3.951	3.855	34.603	27.486	27.476	34.353	33.260	70.9	1.953	1486.4	0.62
fin	1292.	1280.8	3.924	3.824	34.602	27.488	27.477	34.356	0.000	2.0*****	0.0	

Mean vertical sound speed between 0. et 1292. dbar : 1494.5 m/s  
Reference pressure for gamprf : 1500. dbar

JADE 95 Station 07 - (13 Nov 95)







# STATION 07

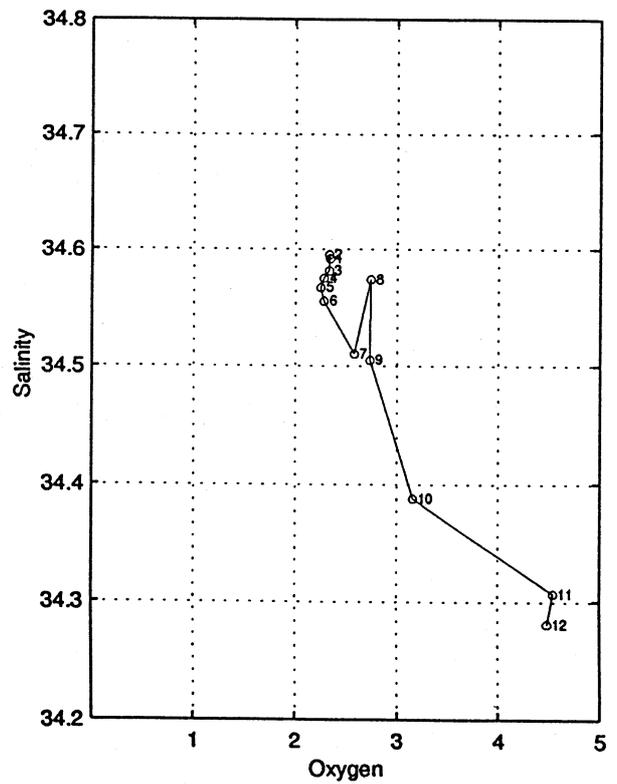
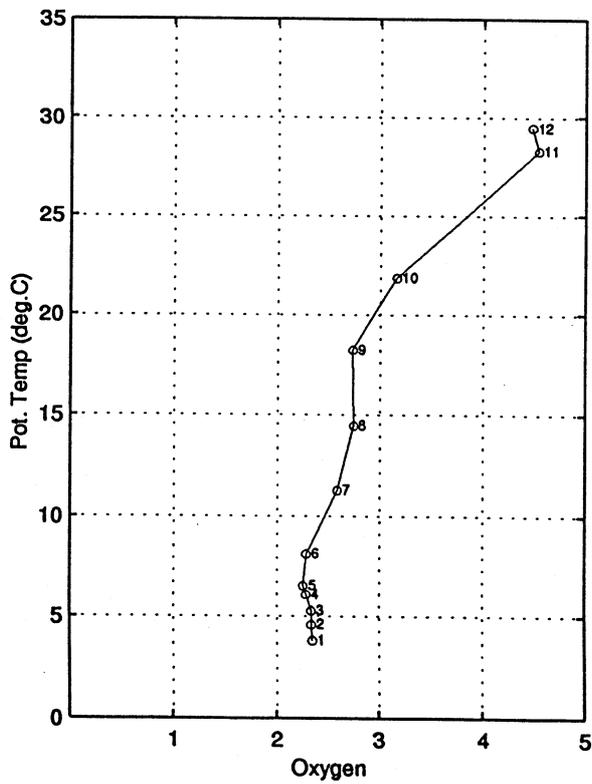
JADE 95

## Oxygen Profile

Bathysonde : Guildline INSU-Brest

Area : South Banda & Timor Sea - Indonesia

Cruise name : JADE95 - R/V Baruna Jaya I



98/10/13  
16:18:47

listacor\_08

1

JADE 95

station : 8.00

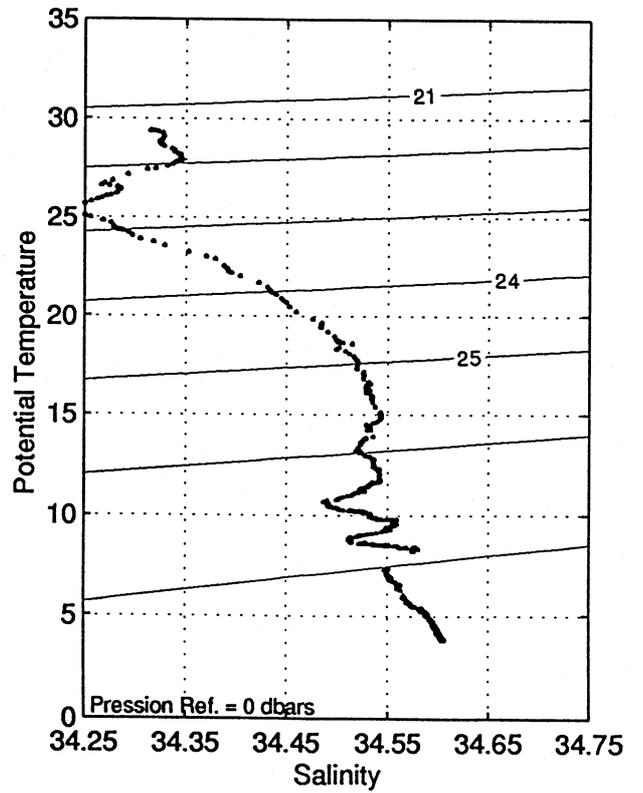
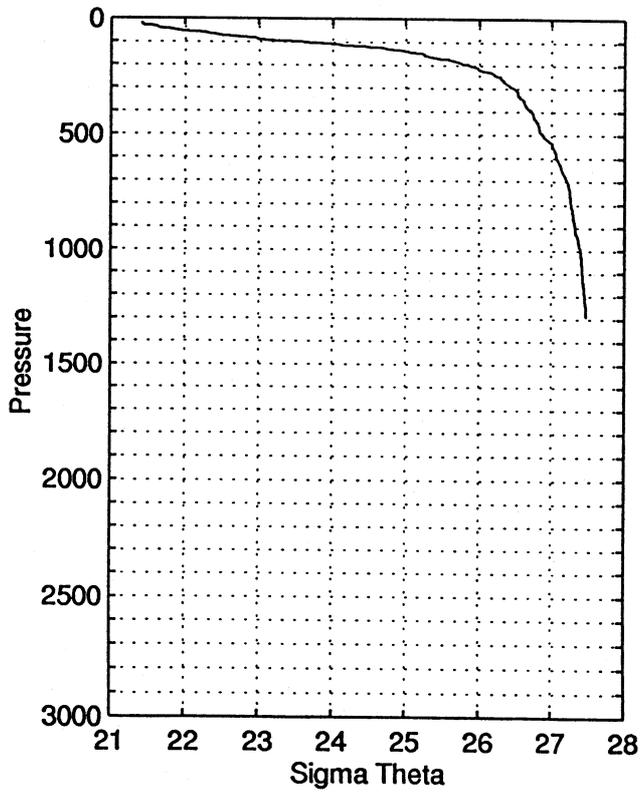
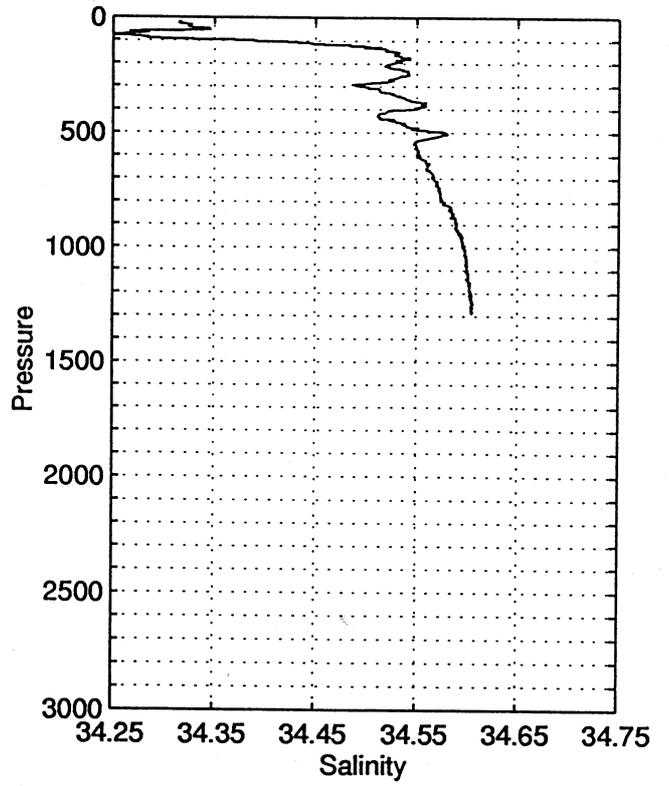
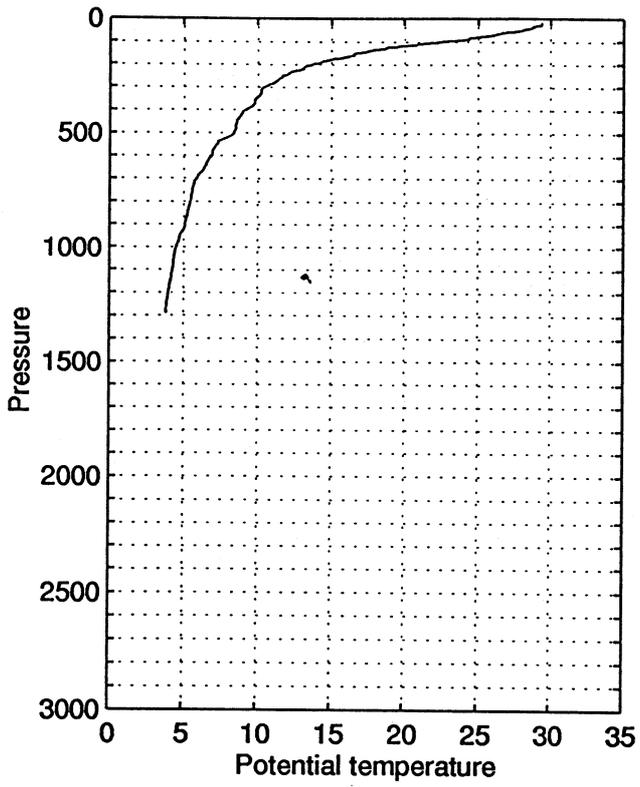
data reduction: 1 dbar

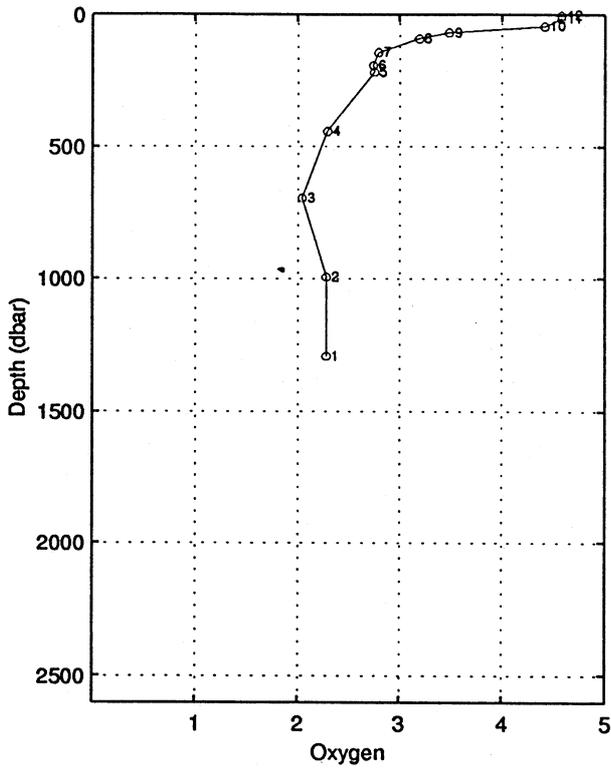
le 13/11/1995 a 4.20 tu -7.2256 127.3113 depth : 4978 m (5065.dbar)

press.	prof	temp.	theta	salin	sigtheta	sigmaamm	gamprf	gapt	avsp	h-dyn	v(sound)	bva
								(*1e5)	(mdyn)		(cph)	
17.	16.9	29.384	29.379	34.315	21.426	21.422	27.618	21.495	637.2	0.000	1543.9	0.00
20.	19.9	29.383	29.378	34.315	21.426	21.422	27.618	21.507	637.4	0.019	1543.9	0.00
30.	29.8	29.117	29.110	34.328	21.525	21.521	27.722	21.649	628.3	0.083	1543.6	12.51
40.	39.8	28.721	28.711	34.325	21.656	21.650	27.859	21.822	616.3	0.145	1542.9	5.70
50.	49.7	28.019	28.007	34.345	21.902	21.896	28.118	22.111	593.1	0.205	1541.5	8.17
60.	59.7	26.734	26.720	34.269	22.258	22.252	28.498	22.510	559.4	0.263	1538.7	11.33
70.	69.6	26.093	26.078	34.271	22.461	22.454	28.713	22.756	540.4	0.318	1537.4	4.92
80.	79.5	25.017	25.000	34.256	22.781	22.774	29.053	23.119	510.2	0.371	1535.0	10.58
90.	89.5	24.352	24.333	34.287	23.005	22.998	29.291	23.386	489.1	0.420	1533.6	5.78
100.	99.4	22.525	22.505	34.388	23.612	23.605	29.935	24.039	431.3	0.466	1529.2	6.74
110.	109.4	21.231	21.210	34.435	24.008	24.001	30.358	24.480	393.8	0.508	1526.0	7.71
120.	119.3	19.623	19.601	34.485	24.474	24.467	30.861	24.992	349.5	0.545	1521.8	7.69
130.	129.2	18.690	18.667	34.505	24.728	24.721	31.137	25.291	325.5	0.578	1519.4	5.91
140.	139.2	17.550	17.526	34.520	25.021	25.014	31.457	25.630	297.8	0.610	1516.2	9.53
150.	149.1	16.706	16.681	34.531	25.230	25.224	31.688	25.885	278.1	0.639	1513.9	10.94
160.	159.0	16.421	16.395	34.528	25.294	25.287	31.760	25.994	272.2	0.666	1513.2	7.07
170.	169.0	15.758	15.731	34.535	25.451	25.445	31.934	26.196	257.5	0.693	1511.3	8.12
180.	178.9	14.952	14.925	34.543	25.637	25.630	32.141	26.428	239.9	0.717	1509.0	5.10
190.	188.9	14.323	14.295	34.531	25.763	25.756	32.285	26.600	228.1	0.741	1507.1	5.41
200.	198.8	13.806	13.777	34.526	25.867	25.861	32.404	26.751	218.2	0.763	1505.6	3.39
210.	208.7	13.279	13.250	34.521	25.972	25.965	32.523	26.902	208.4	0.784	1504.0	4.55
220.	218.7	13.134	13.103	34.524	26.004	25.997	32.560	26.979	205.6	0.805	1503.7	3.03
230.	228.6	12.527	12.496	34.536	26.134	26.127	32.707	27.156	193.3	0.825	1501.9	7.65
240.	238.5	12.176	12.144	34.542	26.206	26.199	32.790	27.274	186.6	0.844	1500.8	1.96
250.	248.5	11.721	11.689	34.542	26.293	26.286	32.890	27.407	178.4	0.862	1499.4	5.80
260.	258.4	11.608	11.575	34.533	26.307	26.300	32.907	27.466	177.3	0.880	1499.2	2.14
270.	268.3	11.374	11.340	34.523	26.342	26.336	32.951	27.548	174.0	0.898	1498.6	1.07
280.	278.2	11.194	11.160	34.521	26.374	26.367	32.988	27.625	171.2	0.915	1498.1	3.91
290.	288.2	10.824	10.788	34.499	26.424	26.417	33.049	27.722	166.5	0.932	1496.9	2.63
300.	298.1	10.482	10.446	34.493	26.479	26.473	33.116	27.824	161.3	0.948	1495.9	4.01
320.	318.0	10.270	10.232	34.514	26.533	26.526	33.176	27.968	156.6	0.980	1495.5	1.52
340.	337.8	10.176	10.136	34.529	26.561	26.554	33.207	28.087	154.3	1.011	1495.5	0.87
360.	357.7	9.852	9.811	34.544	26.628	26.621	33.284	28.246	148.2	1.041	1494.7	2.23
380.	377.5	9.737	9.693	34.558	26.659	26.651	33.319	28.367	145.6	1.070	1494.6	2.55
400.	397.4	9.283	9.238	34.546	26.725	26.717	33.399	28.526	139.4	1.099	1493.3	2.31
420.	417.2	8.938	8.892	34.512	26.754	26.746	33.440	28.648	136.8	1.126	1492.3	0.87
440.	437.1	8.720	8.673	34.513	26.789	26.781	33.482	28.775	133.7	1.153	1491.8	3.15
460.	456.9	8.617	8.568	34.535	26.823	26.815	33.520	28.900	130.8	1.180	1491.8	2.05
480.	476.8	8.596	8.545	34.549	26.837	26.828	33.534	29.004	129.8	1.206	1492.1	0.00
500.	496.6	8.443	8.390	34.579	26.884	26.876	33.587	29.143	125.6	1.231	1491.8	0.62
512.	508.5	8.274	8.220	34.575	26.907	26.898	33.615	29.444	112.8	1.246	1491.4	0.00
540.	536.3	7.386	7.333	34.548	27.016	27.008	33.755	29.468	112.7	1.279	1488.5	0.62
565.	561.1	7.160	7.105	34.551	27.050	27.042	33.797	29.618	109.6	1.307	1488.0	2.01
580.	576.0	7.029	6.974	34.551	27.069	27.061	33.820	29.706	107.9	1.323	1487.7	0.00
600.	595.8	6.954	6.897	34.554	27.082	27.074	33.836	29.811	106.9	1.345	1487.8	2.90
655.	650.3	6.433	6.373	34.560	27.157	27.149	33.930	30.143	99.9	1.401	1486.7	2.04
698.	692.9	5.959	5.898	34.566	27.223	27.215	34.013	30.488	91.7	1.443	1485.5	0.00
750.	744.5	5.685	5.620	34.573	27.263	27.255	34.063	30.692	90.1	1.490	1485.3	0.62
800.	794.0	5.525	5.456	34.578	27.287	27.278	34.093	30.945	88.2	1.535	1485.5	2.24
850.	843.5	5.363	5.291	34.586	27.313	27.304	34.125	31.202	86.1	1.579	1485.7	0.00
900.	893.0	5.197	5.121	34.590	27.336	27.327	34.155	31.455	84.2	1.621	1485.8	1.24
951.	943.5	4.834	4.757	34.595	27.382	27.373	34.214	31.740	79.8	1.663	1485.2	1.91
1000.	992.0	4.608	4.528	34.597	27.409	27.400	34.250	31.995	77.2	1.702	1485.1	0.00
1051.	1042.5	4.438	4.355	34.600	27.430	27.421	34.278	32.252	75.4	1.741	1485.2	0.78
1100.	1091.0	4.352	4.265	34.599	27.440	27.430	34.291	32.486	74.8	1.778	1485.7	0.00
1150.	1140.4	4.210	4.119	34.602	27.457	27.448	34.314	32.735	73.2	1.815	1485.9	1.86
1200.	1189.9	4.077	3.984	34.604	27.473	27.463	34.335	32.981	71.9	1.851	1486.2	0.00
1247.	1236.3	3.973	3.876	34.606	27.486	27.476	34.352	33.241	70.9	1.885	1486.6	0.62
fin	1290.	1278.8	3.927	3.827	34.605	27.490	27.480	34.358	0.000	1.9*****	1.6	

Mean vertical sound speed between 17. et 1290. dbar : 1494.2 m/s  
Reference pressure for gamprf : 1500. dbar

JADE 95 Station 08 - (13 Nov 95)





# STATION 08

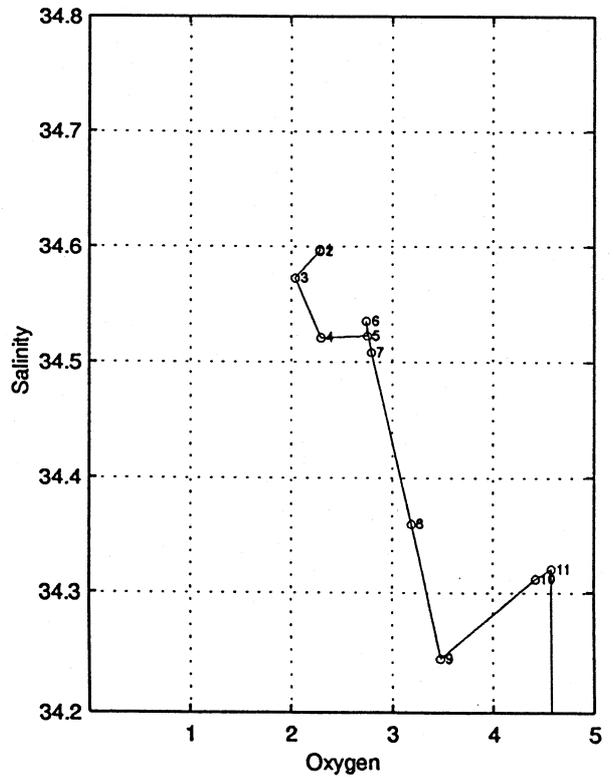
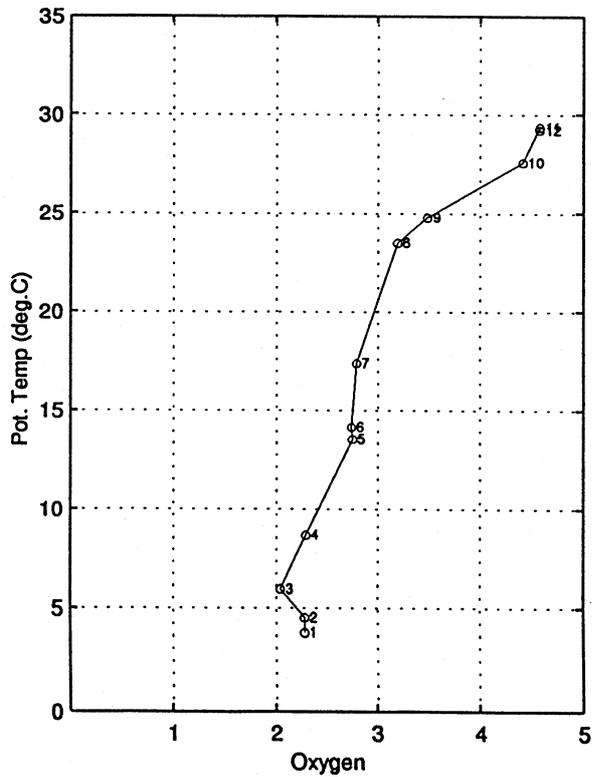
JADE 95

## Oxygen Profile

Bathysonde : Guildline INSU-Brest

Area : South Banda & Timor Sea - Indonesia

Cruise name : JADE95 - R/V Baruna Jaya I



98/10/13  
16:23:56

listacor\_09

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JADE 95

station : 37.00

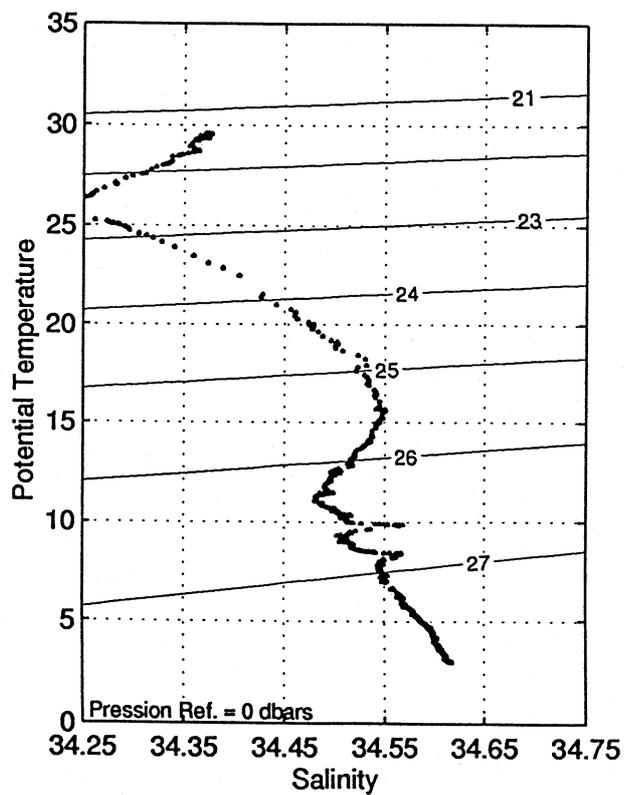
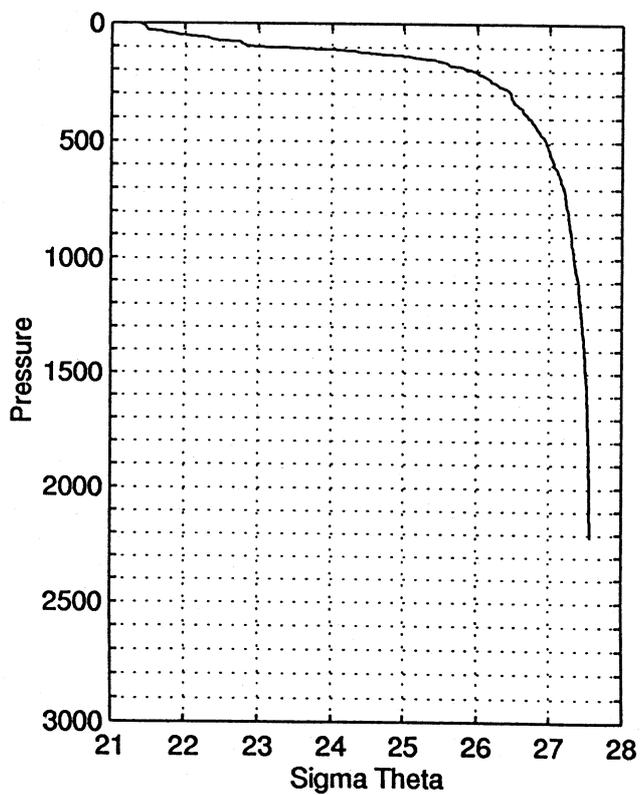
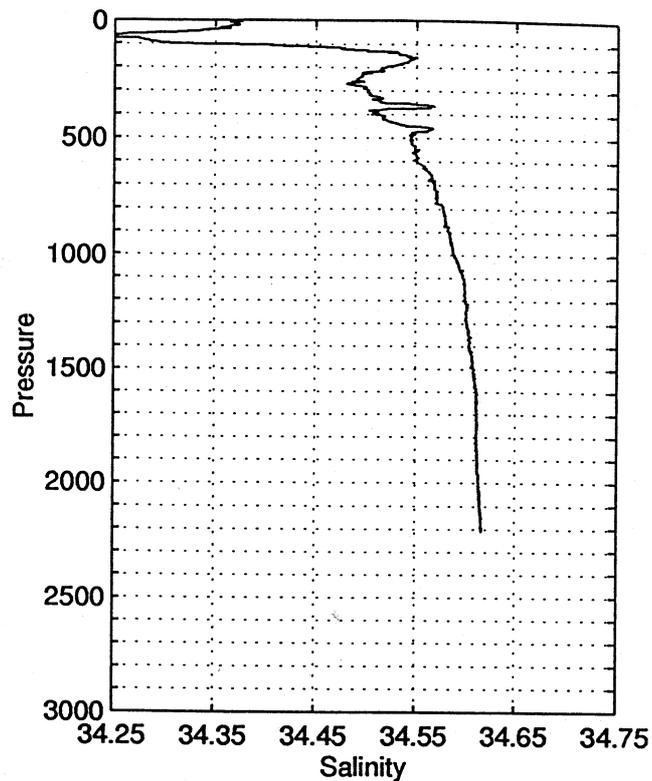
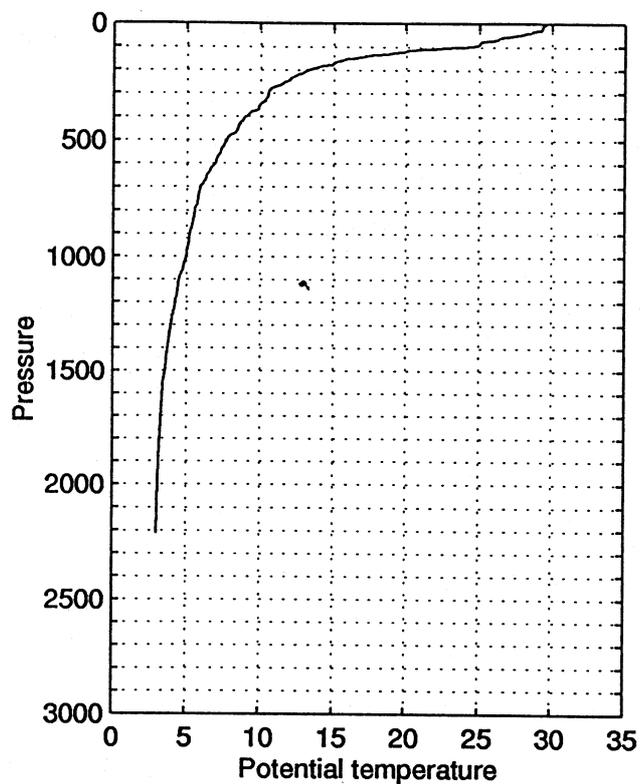
data reduction: 1 dbar

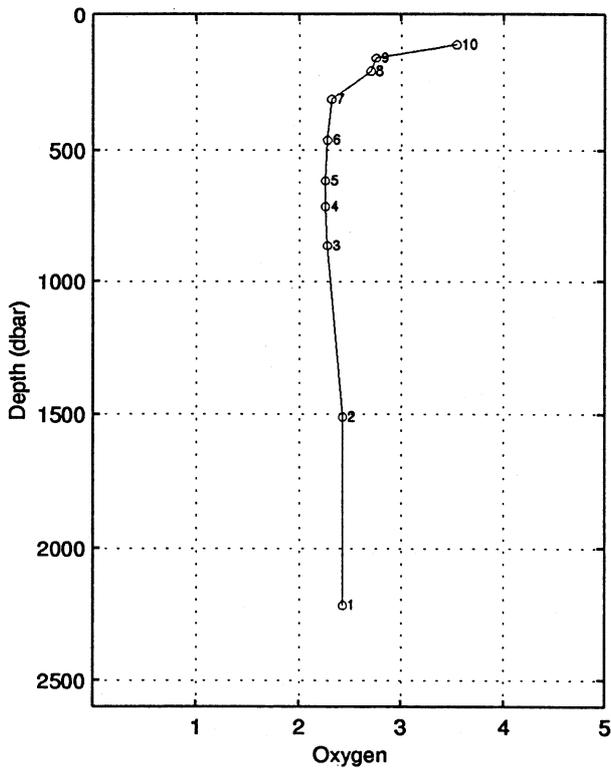
le 23/11/1995 a 20.40 tu -9.0996 127.4496 depth : 3074 m (3114.dbar)

press.	prof	temp.	theta	salin	sigtheta	sigmaamm	gamprf	gapt	avsp	h-dyn	v(sound)	bva
								(*1e5)	(mdyn)	(cph)		
6.	6.0	30.289	30.287	34.349	21.142	21.139	27.319	21.165	663.9	0.000	1545.6	0.00
10.	9.9	30.277	30.274	34.347	21.145	21.142	27.322	21.185	663.8	0.027	1545.7	2.24
20.	19.9	30.187	30.182	34.333	21.166	21.162	27.345	21.247	662.3	0.093	1545.6	4.64
30.	29.8	29.853	29.846	34.305	21.260	21.255	27.444	21.383	653.8	0.159	1545.1	5.28
40.	39.8	29.484	29.475	34.315	21.393	21.387	27.583	21.558	641.5	0.224	1544.5	8.77
50.	49.7	28.983	28.971	34.377	21.609	21.602	27.807	21.816	621.3	0.287	1543.7	7.48
60.	59.7	28.290	28.276	34.407	21.860	21.853	28.071	22.110	597.6	0.348	1542.4	5.73
70.	69.6	27.250	27.234	34.359	22.162	22.155	28.392	22.456	569.1	0.406	1540.2	12.39
80.	79.5	26.385	26.367	34.393	22.463	22.455	28.708	22.799	540.7	0.462	1538.4	7.11
90.	89.5	25.510	25.490	34.371	22.718	22.710	28.980	23.098	516.6	0.515	1536.5	6.86
100.	99.4	24.424	24.403	34.329	23.016	23.008	29.300	23.440	488.5	0.565	1534.0	8.63
110.	109.4	23.194	23.171	34.411	23.439	23.431	29.748	23.907	448.4	0.612	1531.1	7.20
119.	118.3	22.346	22.322	34.434	23.699	23.690	30.025	24.331	413.4	0.651	1529.1	9.80
130.	129.2	21.253	21.228	34.469	24.029	24.021	30.378	24.586	392.6	0.695	1526.5	7.88
140.	139.2	20.270	20.244	34.500	24.317	24.309	30.689	24.920	365.4	0.734	1524.0	12.20
150.	149.1	19.249	19.222	34.526	24.603	24.595	30.998	25.251	338.3	0.769	1521.3	4.06
160.	159.0	18.027	18.000	34.543	24.923	24.916	31.348	25.618	307.9	0.801	1518.0	11.43
170.	169.0	17.520	17.491	34.552	25.054	25.046	31.491	25.793	295.7	0.831	1516.7	7.38
179.	177.9	17.018	16.989	34.547	25.170	25.162	31.620	26.076	275.2	0.857	1515.3	8.73
190.	188.8	16.239	16.209	34.569	25.370	25.362	31.839	26.200	266.1	0.888	1513.2	4.11
200.	198.8	15.621	15.590	34.571	25.511	25.503	31.997	26.388	252.7	0.913	1511.4	3.82
210.	208.7	15.138	15.106	34.567	25.615	25.608	32.114	26.538	243.0	0.938	1510.1	4.91
220.	218.6	14.687	14.654	34.567	25.714	25.706	32.225	26.682	233.8	0.962	1508.8	4.71
234.	232.6	14.167	14.133	34.562	25.821	25.813	32.347	26.853	223.8	0.994	1507.4	2.84
240.	238.5	14.117	14.082	34.558	25.829	25.821	32.357	26.888	223.2	1.007	1507.3	1.52
250.	248.4	13.737	13.701	34.553	25.905	25.897	32.443	27.009	216.2	1.029	1506.2	2.32
260.	258.4	13.403	13.367	34.550	25.971	25.963	32.519	27.121	210.0	1.051	1505.3	6.99
270.	268.3	13.189	13.152	34.553	26.016	26.008	32.570	27.212	205.9	1.071	1504.8	2.77
281.	279.2	12.729	12.691	34.542	26.100	26.092	32.667	27.346	198.1	1.094	1503.4	5.34
290.	288.2	12.436	12.397	34.538	26.154	26.146	32.731	27.443	193.0	1.111	1502.5	5.21
299.	297.1	12.239	12.199	34.532	26.188	26.180	32.770	27.580	185.3	1.129	1502.0	4.24
320.	318.0	11.499	11.458	34.542	26.336	26.328	32.940	27.763	176.0	1.167	1499.8	1.07
340.	337.8	10.873	10.831	34.550	26.456	26.448	33.080	27.977	164.7	1.201	1498.0	5.57
360.	357.7	10.197	10.155	34.545	26.571	26.563	33.216	28.186	153.8	1.233	1495.9	5.06
381.	378.5	9.925	9.881	34.552	26.622	26.615	33.276	28.333	149.2	1.265	1495.3	1.43
400.	397.4	9.856	9.809	34.554	26.636	26.628	33.292	28.433	148.3	1.293	1495.4	0.62
420.	417.2	9.684	9.636	34.557	26.668	26.660	33.330	28.556	145.6	1.322	1495.1	2.14
440.	437.1	9.550	9.500	34.558	26.691	26.682	33.357	28.669	143.7	1.351	1494.9	1.52
460.	456.9	9.264	9.213	34.563	26.742	26.733	33.417	28.813	139.1	1.380	1494.2	1.07
480.	476.7	8.859	8.806	34.568	26.811	26.802	33.499	28.976	132.6	1.407	1493.1	2.87
497.	493.6	8.547	8.494	34.570	26.861	26.853	33.561	29.501	117.6	1.429	1492.2	0.00
559.	555.1	7.838	7.781	34.575	26.973	26.964	33.696	29.663	114.6	1.505	1490.5	0.00
609.	604.7	7.320	7.261	34.572	27.045	27.036	33.786	29.809	111.0	1.562	1489.4	2.54
650.	645.3	7.014	6.952	34.573	27.089	27.080	33.841	30.043	107.1	1.607	1488.9	0.00
698.	692.9	6.607	6.542	34.572	27.145	27.135	33.911	30.416	100.7	1.657	1488.1	0.00
752.	746.4	6.311	6.242	34.575	27.186	27.177	33.963	30.612	98.5	1.711	1487.8	2.29
799.	793.0	6.038	5.966	34.577	27.223	27.214	34.010	30.966	93.8	1.757	1487.5	0.00
850.	843.5	5.749	5.674	34.584	27.265	27.255	34.063	31.145	91.4	1.804	1487.2	1.64
900.	893.0	5.519	5.441	34.588	27.297	27.287	34.104	31.408	88.6	1.849	1487.1	1.24
951.	943.5	5.263	5.182	34.591	27.330	27.320	34.146	31.678	85.6	1.894	1486.9	1.16
1000.	992.0	5.069	4.985	34.593	27.355	27.345	34.178	31.929	83.4	1.935	1487.0	0.62
1050.	1041.5	4.906	4.819	34.597	27.376	27.366	34.206	32.182	81.6	1.976	1487.1	1.38
1100.	1090.9	4.765	4.675	34.598	27.394	27.384	34.229	32.429	80.1	2.017	1487.4	0.00
1150.	1140.4	4.617	4.523	34.601	27.413	27.403	34.254	32.678	78.5	2.057	1487.6	0.87
1200.	1189.8	4.397	4.300	34.606	27.441	27.430	34.291	32.939	75.8	2.095	1487.5	0.00
1250.	1239.2	4.253	4.153	34.607	27.458	27.447	34.313	33.186	74.3	2.133	1487.8	1.24
1300.	1288.7	4.139	4.036	34.607	27.470	27.459	34.330	33.428	73.3	2.170	1488.1	1.24
1403.	1390.4	3.776	3.668	34.619	27.517	27.506	34.391	33.953	68.7	2.242	1488.3	1.23
1500.	1486.2	3.561	3.446	34.636	27.552	27.541	34.435	34.435	65.5	2.307	1489.1	1.07
1600.	1584.9	3.268	3.149	34.657	27.598	27.587	34.492	34.943	61.0	2.371	1489.5	1.07
1700.	1683.6	3.100	2.974	34.671	27.625	27.613	34.526	35.428	58.5	2.430	1490.5	0.62
1800.	1782.2	2.953	2.820	34.680	27.646	27.634	34.553	35.906	56.7	2.488	1491.6	0.00
1900.	1880.8	2.878	2.737	34.687	27.659	27.646	34.570	36.373	55.8	2.544	1492.9	0.00
2000.	1979.3	2.847	2.697	34.691	27.665	27.652	34.578	36.829	55.7	2.600	1494.5	0.00
2099.	2076.8	2.817	2.659	34.694	27.671	27.657	34.585	37.312	55.8	2.655	1496.0	0.00
2200.	2176.2	2.804	2.637	34.695	27.674	27.659	34.589	37.736	56.0	2.711	1497.7	0.00
2300.	2274.6	2.792	2.616	34.697	27.677	27.662	34.593	38.185	56.3	2.768	1499.3	0.00
2400.	2372.9	2.790	2.604	34.696	27.678	27.662	34.594	38.631	56.9	2.824	1501.0	0.00
2500.	2471.2	2.792	2.597	34.696	27.679	27.662	34.595	39.076	57.5	2.881	1502.7	0.87
2600.	2569.5	2.796	2.591	34.697	27.680	27.662	34.597	39.520	58.0	2.939	1504.4	0.62
2700.	2667.7	2.800	2.585	34.698	27.681	27.662	34.598	39.964	58.6	2.997	1506.1	0.00
fin	2775.	2741.3	2.806	2.583	34.699	27.682	27.662	34.599	0.000	3.0*****	1.1	

Mean vertical sound speed between 6. et 2775. dbar : 1496.5 m/s  
Reference pressure for gamprf : 1500. dbar

JADE 95 Station 09 - (13 Nov 95)





# STATION 09

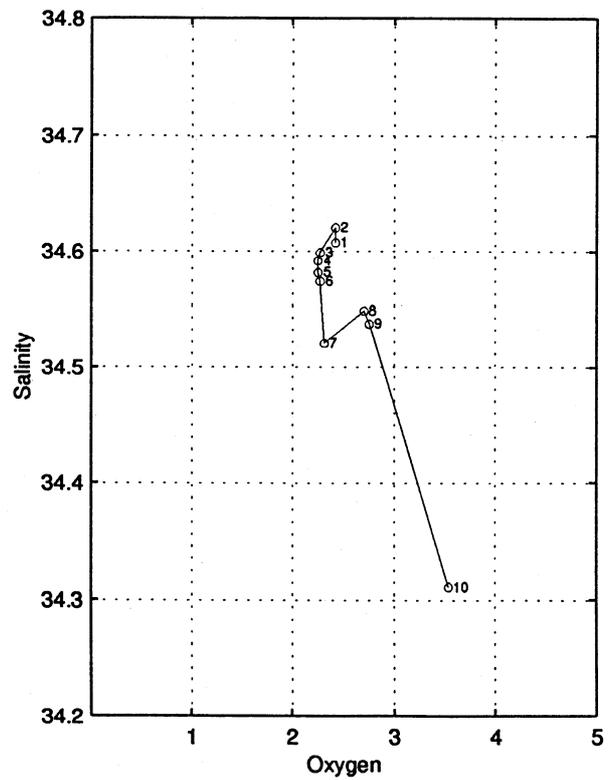
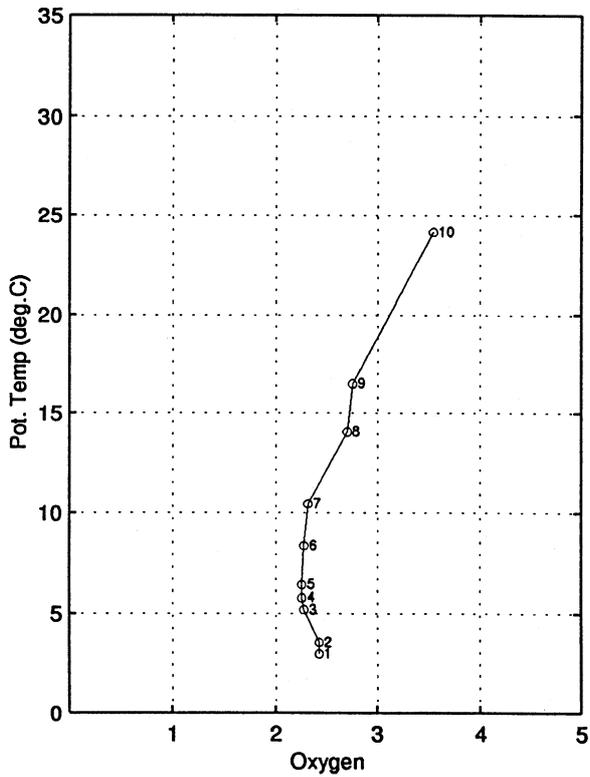
JADE 95

## Oxygen Profile

Bathysonde : Guildline INSU-Brest

Area : South Banda & Timor Sea - Indonesia

Cruise name : JADE95 - R/V Baruna Jaya I



98/10/13  
16:44:22

listacor\_10

1

JADE 95

station : 10.00

data reduction: 1 dbar

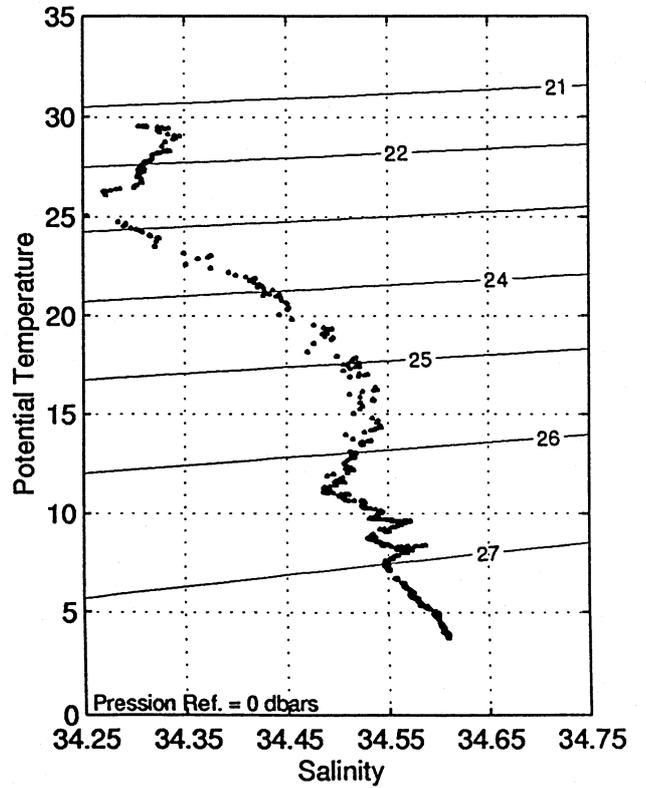
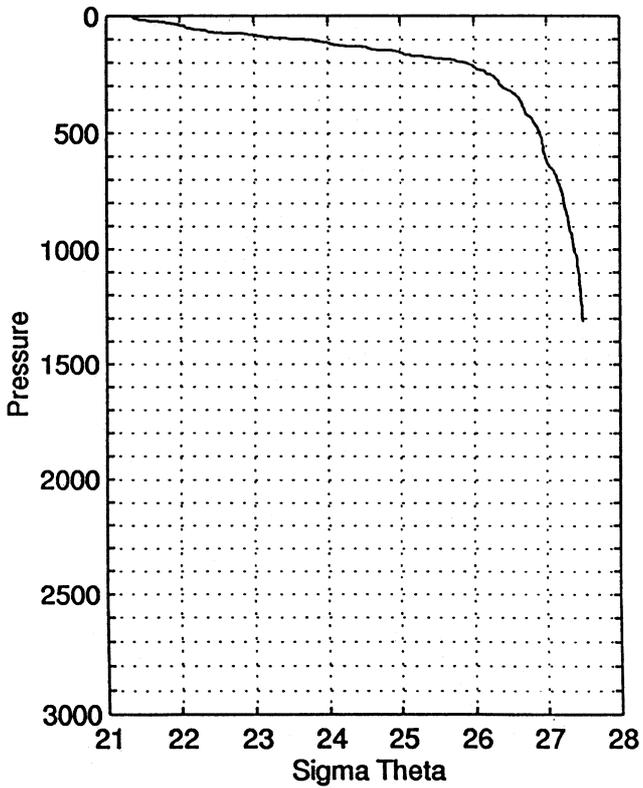
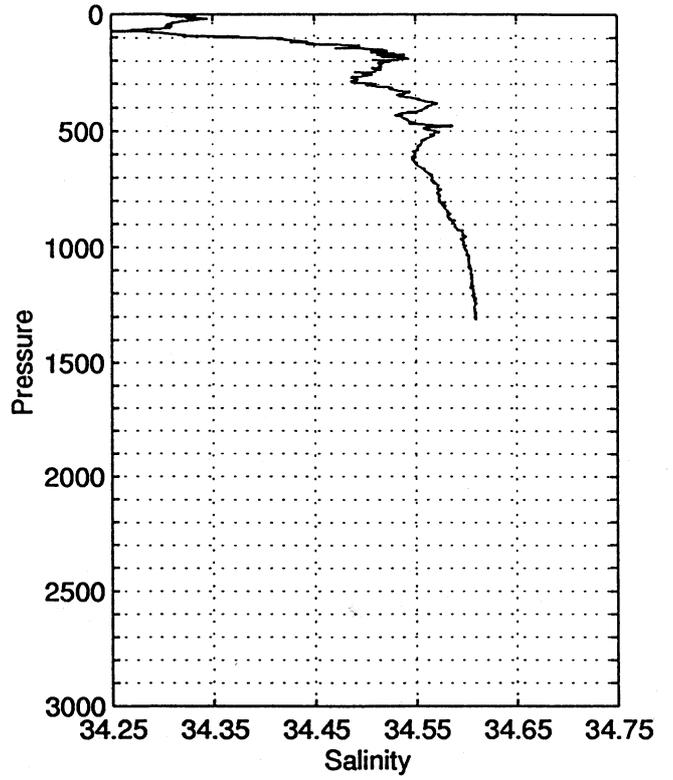
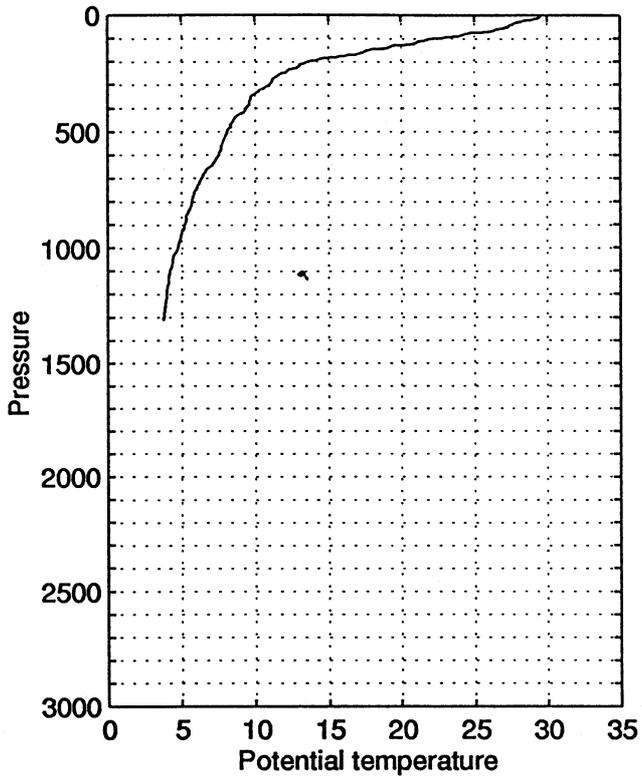
le 13/11/1995 a 11.52 tu -7.3208 127.4351 depth : 3032 m (3071.dbar)

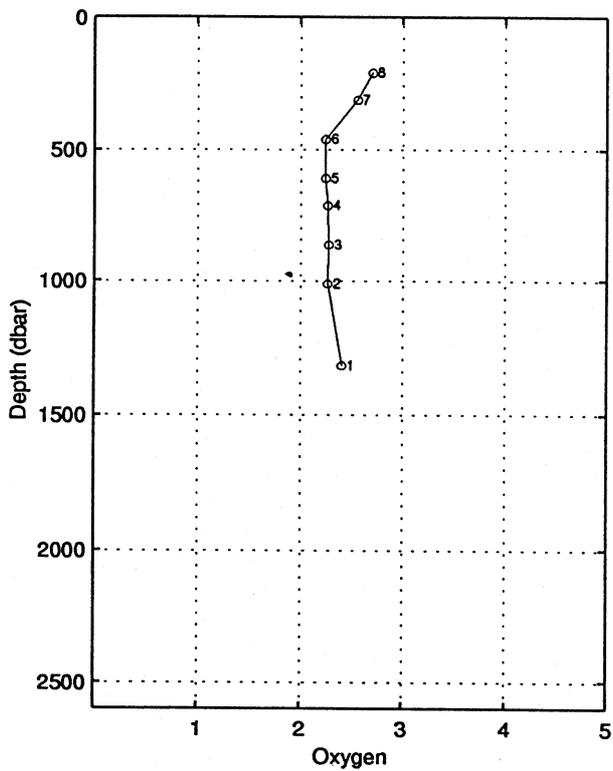
press.	prof	temp.	theta	salin	sigtheta	sigmaamm	gamprf	gapt	avsp	h-dyn	v(sound)	bva
								(*1e5)	(mdyn)		(cph)	
4.	4.0	29.540	29.539	34.305	21.364	21.362	27.554	21.379	642.5	0.000	1544.0	0.00
10.	9.9	29.492	29.489	34.324	21.395	21.392	27.585	21.434	639.9	0.038	1544.0	7.14
20.	19.9	28.956	28.951	34.342	21.588	21.585	27.788	21.670	621.8	0.102	1543.1	7.44
30.	29.8	28.101	28.094	34.318	21.854	21.849	28.068	21.978	596.8	0.162	1541.3	9.03
40.	39.8	27.570	27.561	34.306	22.018	22.013	28.242	22.184	581.5	0.221	1540.3	7.40
50.	49.7	27.321	27.310	34.307	22.099	22.093	28.327	22.308	574.2	0.279	1539.9	3.87
60.	59.7	26.609	26.596	34.303	22.323	22.317	28.565	22.575	553.2	0.335	1538.5	10.47
70.	69.6	26.112	26.096	34.272	22.456	22.450	28.708	22.751	540.9	0.390	1537.4	6.06
80.	79.5	24.454	24.437	34.297	22.981	22.975	29.265	23.320	490.9	0.441	1533.7	11.15
90.	89.5	23.950	23.931	34.325	23.152	23.145	29.446	23.534	475.0	0.489	1532.6	4.84
100.	99.4	22.225	22.205	34.393	23.700	23.693	30.029	24.127	422.9	0.534	1528.5	15.53
110.	109.4	21.528	21.506	34.426	23.920	23.913	30.264	24.391	402.3	0.575	1526.8	9.50
120.	119.3	21.051	21.028	34.427	24.051	24.044	30.406	24.566	390.1	0.615	1525.7	2.40
130.	129.2	19.864	19.840	34.456	24.390	24.382	30.771	24.950	358.0	0.652	1522.7	14.68
140.	139.2	19.141	19.116	34.490	24.603	24.596	31.001	25.208	337.9	0.687	1520.8	7.58
150.	149.1	17.806	17.780	34.515	24.956	24.948	31.386	25.607	304.5	0.719	1517.2	5.87
160.	159.0	17.426	17.399	34.522	25.053	25.046	31.493	25.749	295.4	0.749	1516.2	3.96
170.	169.0	16.934	16.906	34.513	25.163	25.156	31.616	25.905	285.2	0.778	1514.9	1.64
180.	178.9	15.718	15.690	34.535	25.461	25.454	31.945	26.250	256.8	0.805	1511.4	5.36
190.	188.9	14.381	14.353	34.543	25.760	25.754	32.280	26.598	228.3	0.829	1507.3	6.67
200.	198.8	13.662	13.633	34.525	25.897	25.890	32.437	26.781	215.4	0.851	1505.1	1.75
210.	208.7	13.184	13.155	34.513	25.985	25.978	32.539	26.915	207.2	0.872	1503.7	5.46
220.	218.7	13.019	12.989	34.514	26.019	26.013	32.578	26.995	204.1	0.893	1503.3	4.91
230.	228.6	12.719	12.688	34.510	26.076	26.069	32.644	27.097	198.9	0.913	1502.5	7.19
240.	238.5	12.244	12.212	34.513	26.171	26.164	32.753	27.239	189.9	0.932	1501.0	0.00
250.	248.5	11.867	11.835	34.505	26.237	26.230	32.830	27.350	183.8	0.951	1499.9	9.55
260.	258.4	11.608	11.575	34.507	26.287	26.280	32.888	27.446	179.2	0.969	1499.2	1.07
270.	268.3	11.316	11.282	34.487	26.325	26.318	32.936	27.531	175.6	0.987	1498.3	5.32
280.	278.2	11.217	11.182	34.493	26.348	26.342	32.962	27.599	173.6	1.004	1498.1	1.75
290.	288.2	11.132	11.096	34.487	26.359	26.352	32.975	27.655	172.8	1.021	1498.0	2.97
300.	298.1	11.014	10.978	34.510	26.398	26.391	33.018	27.740	169.3	1.039	1497.8	1.96
320.	318.0	10.404	10.366	34.526	26.519	26.512	33.158	27.954	157.9	1.072	1496.0	4.79
340.	337.8	10.041	10.001	34.540	26.593	26.585	33.242	28.119	151.2	1.102	1495.0	2.77
360.	357.7	9.746	9.705	34.549	26.650	26.642	33.309	28.268	146.0	1.132	1494.3	2.23
380.	377.5	9.677	9.634	34.569	26.678	26.670	33.339	28.386	143.8	1.161	1494.4	1.52
400.	397.4	9.451	9.406	34.560	26.708	26.700	33.377	28.508	141.2	1.189	1493.9	0.00
420.	417.2	9.153	9.107	34.551	26.750	26.742	33.428	28.642	137.4	1.217	1493.1	5.57
440.	437.1	8.687	8.640	34.536	26.812	26.805	33.507	28.799	131.5	1.244	1491.7	1.64
460.	456.9	8.494	8.445	34.546	26.850	26.842	33.551	28.929	128.1	1.270	1491.3	2.47
480.	476.8	8.429	8.378	34.586	26.891	26.883	33.594	29.061	124.5	1.296	1491.5	0.00
500.	496.6	8.190	8.138	34.571	26.916	26.908	33.627	29.178	122.3	1.320	1490.9	0.00
518.	514.5	8.053	8.000	34.569	26.936	26.927	33.651	29.368	119.9	1.342	1490.7	1.64
540.	536.3	7.912	7.857	34.558	26.948	26.940	33.669	29.393	119.7	1.369	1490.5	0.62
560.	556.1	7.782	7.726	34.554	26.964	26.956	33.690	29.501	118.4	1.392	1490.3	0.00
580.	576.0	7.754	7.696	34.551	26.967	26.958	33.693	29.594	118.5	1.416	1490.5	0.00
600.	595.8	7.609	7.549	34.550	26.987	26.978	33.718	29.707	116.8	1.439	1490.3	0.87
644.	639.4	7.180	7.117	34.550	27.048	27.039	33.795	30.112	105.1	1.490	1489.4	0.00
700.	694.9	6.422	6.357	34.567	27.165	27.156	33.938	30.354	99.9	1.548	1487.4	0.00
750.	744.5	6.072	6.004	34.576	27.217	27.208	34.003	30.639	95.1	1.597	1486.8	3.50
800.	794.0	5.811	5.740	34.574	27.249	27.240	34.044	30.901	92.4	1.643	1486.6	1.07
850.	843.5	5.546	5.473	34.582	27.288	27.279	34.094	31.172	88.9	1.689	1486.4	1.86
900.	893.0	5.307	5.231	34.589	27.322	27.313	34.137	31.439	85.8	1.732	1486.3	1.96
950.	942.5	5.046	4.966	34.598	27.360	27.351	34.185	31.709	82.2	1.774	1486.0	1.86
1000.	992.0	4.837	4.754	34.598	27.385	27.376	34.218	31.966	80.0	1.815	1486.0	0.00
1050.	1041.5	4.518	4.434	34.603	27.424	27.415	34.269	32.240	76.1	1.854	1485.5	0.00
1100.	1091.0	4.302	4.215	34.605	27.450	27.440	34.302	32.498	73.7	1.892	1485.5	1.24
1150.	1140.4	4.218	4.127	34.605	27.459	27.449	34.315	32.736	73.1	1.928	1486.0	0.00
1200.	1189.9	4.106	4.012	34.608	27.473	27.463	34.334	32.980	72.0	1.964	1486.3	0.00
1253.	1242.3	3.992	3.894	34.608	27.486	27.476	34.351	33.236	70.9	2.002	1486.7	0.23
1300.	1288.7	3.905	3.804	34.609	27.495	27.485	34.364	33.461	70.2	2.035	1487.2	0.00
fin	1311.	1299.6	3.871	3.770	34.611	27.500	27.490	34.370	0.000	2.0*****	1.7	

Mean vertical sound speed between 4. et 1311. dbar : 1495.2 m/s  
Reference pressure for gamprf : 1500. dbar



JADE 95 Station 10 - (13 Nov 95)





# STATION 10

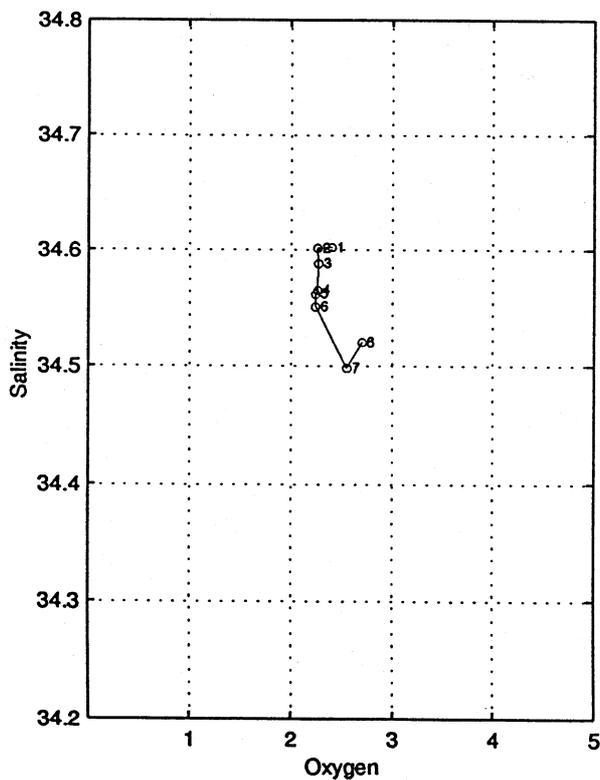
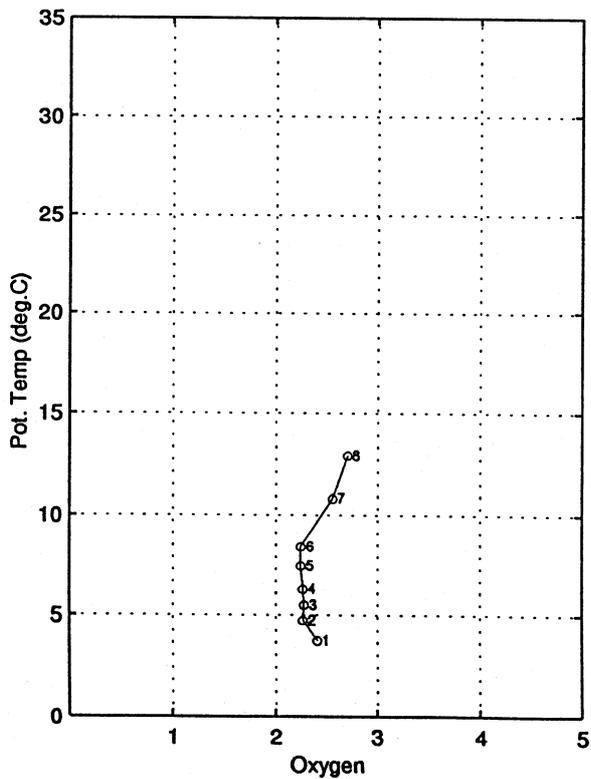
JADE 95

## Oxygen Profile

Bathysonde : Guildline INSU-Brest

Area : South Banda & Timor Sea - Indonesia

Cruise name : JADE95 - R/V Baruna Jaya I



98/10/13  
16:47:10

listacor\_11

1

JADE 95

station : 11.00

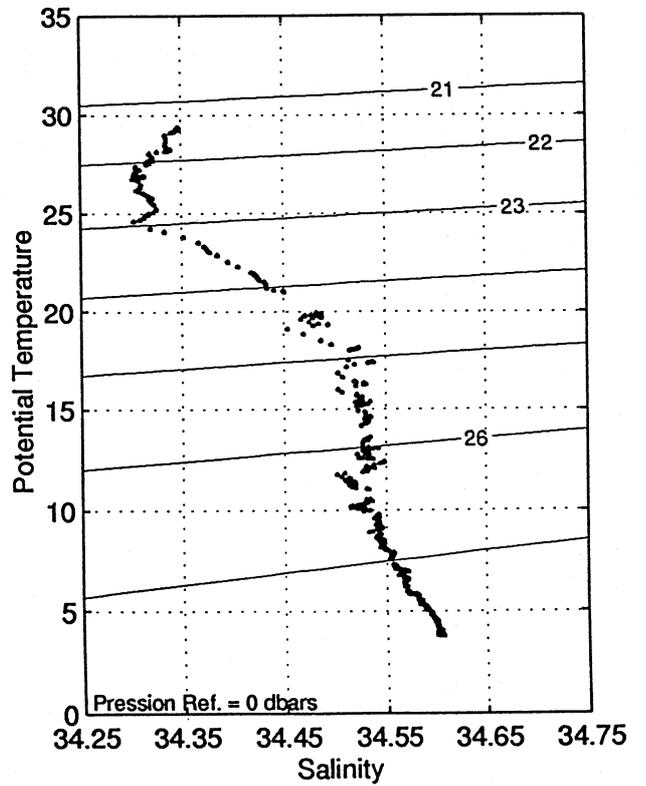
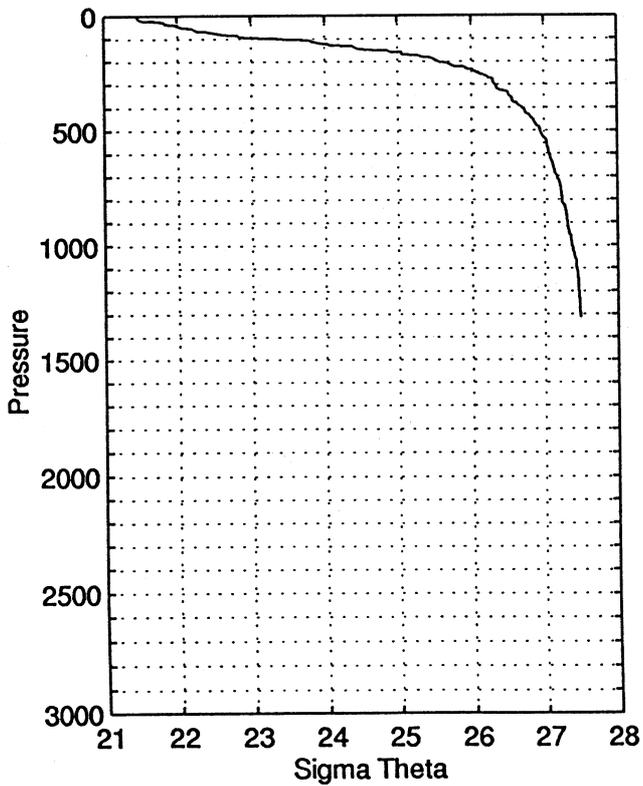
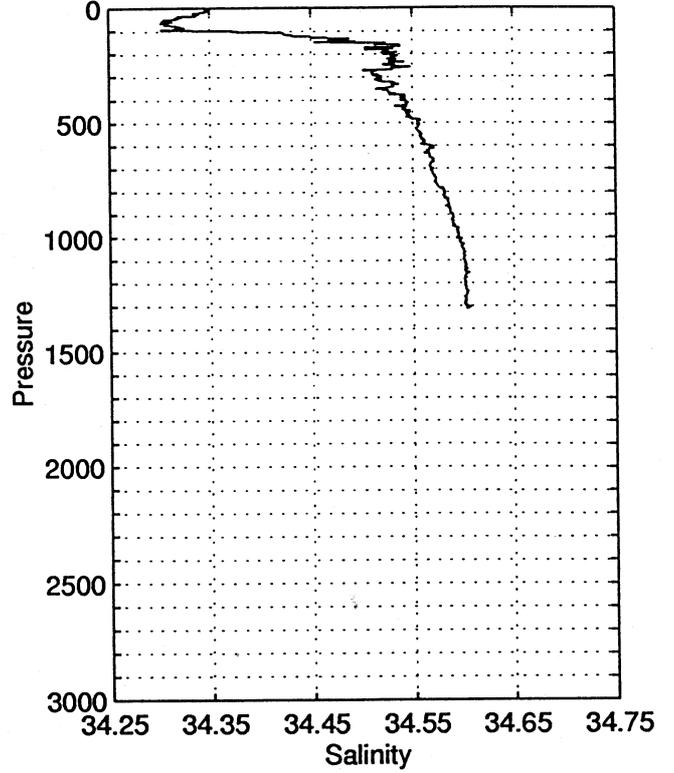
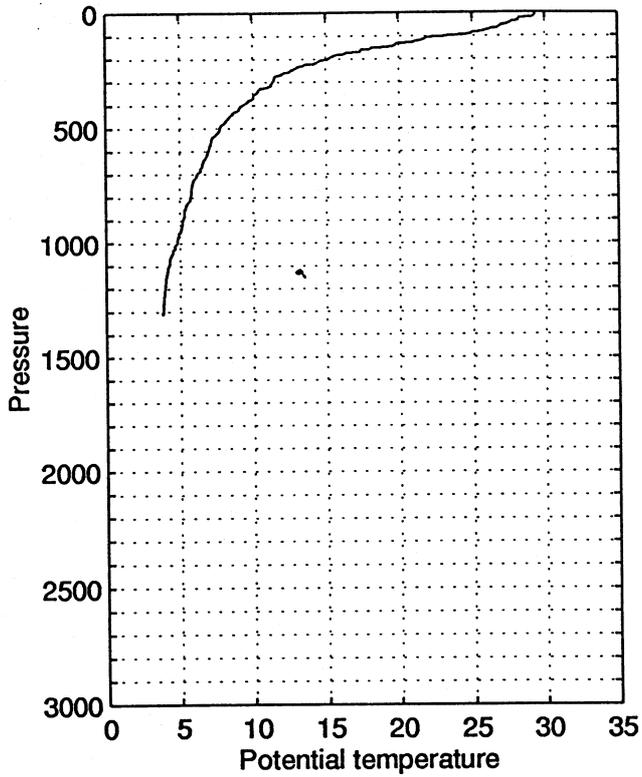
data reduction: 1 dbar

le 13/11/1995 a 15.00 tu -7.4520 127.3771 depth : 3092 m (3132.dbar)

press.	prof	temp.	theta	salin	sigtheta	sigmaamm	gamprf	gapt	avsp	h-dyn	v(sound)	bva
								(*1e5)	(mdyn)		(cph)	
4.	4.0	29.348	29.347	34.346	21.460	21.457	27.652	21.474	633.3	0.000	1543.6	0.00
10.	9.9	29.338	29.336	34.348	21.464	21.461	27.657	21.504	633.2	0.038	1543.7	2.70
20.	19.9	29.110	29.105	34.340	21.536	21.532	27.733	21.618	626.8	0.101	1543.4	5.24
30.	29.8	28.226	28.219	34.336	21.826	21.822	28.038	21.950	599.4	0.162	1541.6	2.70
40.	39.8	27.720	27.711	34.322	21.981	21.976	28.202	22.148	585.0	0.221	1540.7	5.67
50.	49.7	27.415	27.403	34.305	22.067	22.061	28.294	22.276	577.3	0.280	1540.1	7.58
60.	59.7	26.911	26.897	34.313	22.235	22.229	28.471	22.487	561.6	0.336	1539.2	5.48
70.	69.6	26.343	26.327	34.309	22.412	22.405	28.659	22.706	545.1	0.392	1538.0	11.11
80.	79.5	25.784	25.766	34.319	22.594	22.587	28.851	22.931	528.1	0.446	1536.9	3.10
90.	89.5	24.949	24.929	34.317	22.848	22.840	29.121	23.229	504.2	0.497	1535.1	4.47
100.	99.4	23.347	23.326	34.372	23.365	23.357	29.670	23.790	455.1	0.546	1531.3	14.29
110.	109.4	21.904	21.882	34.422	23.813	23.806	30.149	24.283	412.5	0.589	1527.8	5.15
120.	119.3	21.510	21.487	34.431	23.929	23.922	30.274	24.443	401.8	0.630	1526.9	5.37
132.	131.2	19.981	19.957	34.483	24.380	24.372	30.758	24.948	359.1	0.676	1523.0	13.82
140.	139.2	19.787	19.761	34.484	24.432	24.424	30.815	25.036	354.4	0.705	1522.6	3.92
150.	149.1	18.888	18.862	34.469	24.652	24.644	31.056	25.301	333.6	0.739	1520.2	15.37
161.	160.0	17.529	17.502	34.514	25.022	25.014	31.459	25.722	298.5	0.774	1516.5	13.94
170.	169.0	17.307	17.279	34.520	25.080	25.072	31.523	25.820	293.2	0.800	1516.0	5.22
180.	178.9	16.261	16.232	34.528	25.332	25.325	31.802	26.119	269.3	0.828	1513.0	4.20
190.	188.9	15.549	15.519	34.525	25.491	25.484	31.980	26.325	254.2	0.854	1511.0	3.71
200.	198.8	15.254	15.223	34.528	25.560	25.552	32.056	26.438	248.0	0.879	1510.2	3.66
210.	208.7	14.641	14.610	34.531	25.696	25.688	32.209	26.620	235.1	0.903	1508.5	0.00
220.	218.7	14.313	14.281	34.529	25.765	25.757	32.287	26.734	228.8	0.927	1507.6	5.03
230.	228.6	13.505	13.472	34.529	25.933	25.926	32.478	26.950	212.8	0.948	1505.1	2.84
240.	238.5	13.036	13.003	34.527	26.026	26.019	32.585	27.090	204.0	0.969	1503.7	3.45
250.	248.5	12.633	12.599	34.523	26.104	26.096	32.674	27.213	196.8	0.989	1502.5	6.25
260.	258.4	12.299	12.264	34.538	26.180	26.173	32.760	27.336	189.7	1.008	1501.6	4.91
270.	268.3	11.955	11.920	34.527	26.237	26.230	32.828	27.440	184.3	1.027	1500.6	2.90
280.	278.2	11.541	11.505	34.511	26.303	26.296	32.906	27.552	178.1	1.045	1499.3	2.05
290.	288.2	11.503	11.467	34.515	26.313	26.306	32.918	27.607	177.4	1.063	1499.3	4.99
300.	298.1	11.414	11.376	34.520	26.333	26.326	32.940	27.672	175.7	1.081	1499.2	4.42
320.	318.0	11.175	11.136	34.517	26.375	26.367	32.990	27.805	172.1	1.115	1498.7	3.90
340.	337.8	10.438	10.397	34.530	26.517	26.509	33.154	28.040	158.7	1.148	1496.4	0.62
360.	357.7	10.123	10.081	34.522	26.565	26.557	33.213	28.181	154.3	1.179	1495.6	1.24
380.	377.5	9.821	9.777	34.542	26.633	26.625	33.290	28.340	148.2	1.210	1494.9	3.66
400.	397.4	9.381	9.336	34.543	26.706	26.699	33.378	28.507	141.3	1.239	1493.6	4.63
420.	417.2	9.117	9.070	34.543	26.750	26.742	33.430	28.643	137.4	1.267	1493.0	0.00
440.	437.1	8.690	8.643	34.543	26.817	26.810	33.512	28.804	131.0	1.294	1491.7	2.40
460.	456.9	8.399	8.350	34.545	26.864	26.856	33.568	28.943	126.7	1.319	1491.0	0.00
480.	476.8	8.149	8.099	34.549	26.905	26.898	33.618	29.078	122.9	1.344	1490.4	1.64
500.	496.6	7.859	7.808	34.555	26.953	26.945	33.675	29.219	118.5	1.368	1489.6	0.00
519.	515.5	7.704	7.652	34.556	26.976	26.968	33.704	29.357	115.6	1.390	1489.3	1.86
540.	536.3	7.333	7.280	34.556	27.030	27.023	33.771	29.483	111.3	1.414	1488.3	2.99
560.	556.1	7.254	7.199	34.557	27.042	27.034	33.786	29.586	110.4	1.436	1488.3	0.00
580.	576.0	7.140	7.084	34.560	27.061	27.053	33.809	29.697	108.8	1.458	1488.2	0.00
600.	595.8	7.058	7.000	34.568	27.078	27.070	33.829	29.806	107.4	1.480	1488.2	1.75
650.	645.4	6.697	6.636	34.567	27.127	27.119	33.891	30.086	103.0	1.533	1487.6	1.24
700.	694.9	6.286	6.222	34.569	27.184	27.175	33.962	30.375	97.9	1.583	1486.8	0.00
750.	744.5	5.955	5.889	34.573	27.230	27.221	34.020	30.653	93.7	1.631	1486.4	1.07
800.	794.0	5.835	5.765	34.581	27.251	27.242	34.046	30.903	92.2	1.677	1486.7	0.00
850.	843.5	5.475	5.402	34.586	27.300	27.291	34.108	31.186	87.6	1.722	1486.1	1.07
900.	893.0	5.301	5.224	34.590	27.324	27.315	34.139	31.440	85.6	1.766	1486.2	1.64
950.	942.5	5.154	5.074	34.590	27.341	27.332	34.162	31.688	84.2	1.808	1486.5	0.00
1000.	992.0	4.922	4.840	34.594	27.372	27.362	34.201	31.950	81.4	1.849	1486.4	0.00
1050.	1041.5	4.563	4.479	34.600	27.417	27.408	34.260	32.231	76.9	1.889	1485.7	1.96
1100.	1091.0	4.336	4.249	34.602	27.443	27.434	34.295	32.490	74.4	1.926	1485.6	2.23
1150.	1140.4	4.175	4.085	34.602	27.461	27.451	34.319	32.740	72.8	1.963	1485.8	1.86
1200.	1189.9	4.090	3.997	34.603	27.471	27.461	34.333	32.979	72.1	1.999	1486.3	0.87
1250.	1239.3	3.999	3.902	34.604	27.481	27.471	34.346	33.218	71.4	2.035	1486.7	0.00
1300.	1288.7	3.954	3.853	34.603	27.485	27.475	34.352	33.450	71.3	2.071	1487.4	0.62
fin	1314.	1302.5	3.924	3.822	34.603	27.489	27.478	34.357	0.000	2.1*****	0.0	

Mean vertical sound speed between 4. et 1314. dbar : 1495.5 m/s  
Reference pressure for gamprf : 1500. dbar

JADE 95 Station 11 - (13 Nov 95)



# STATION 11

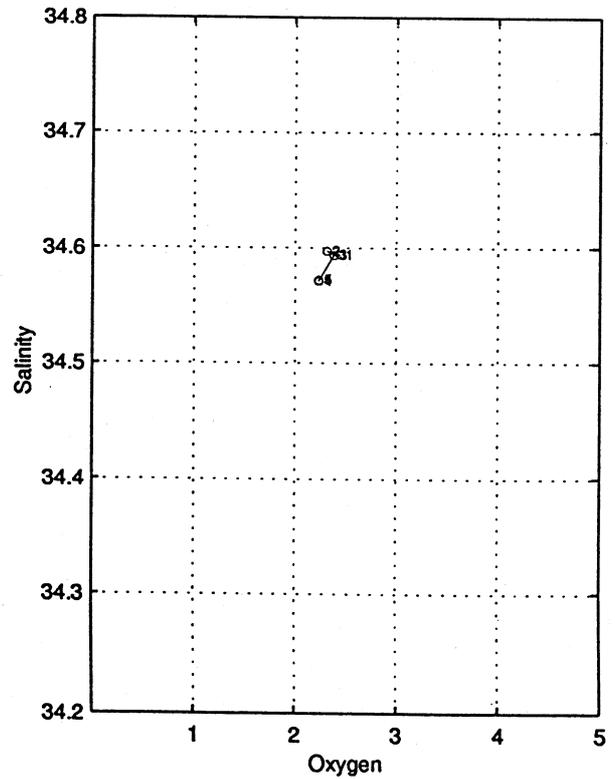
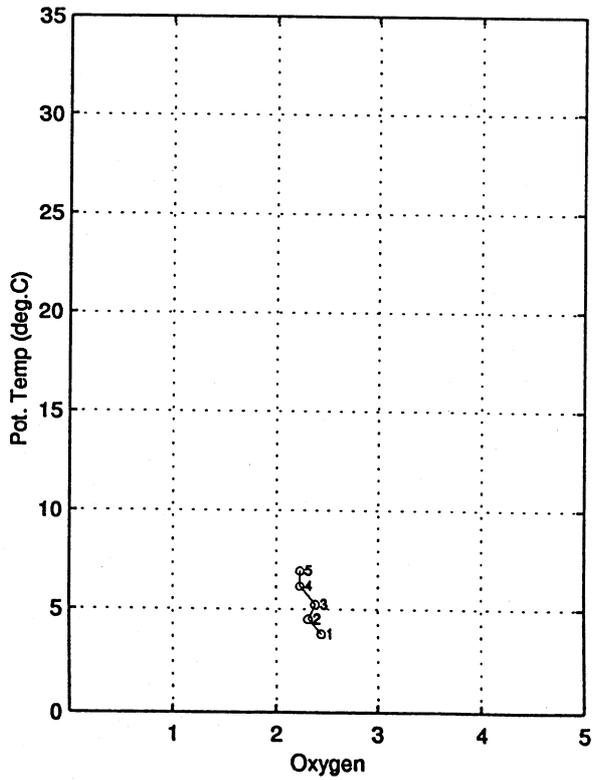
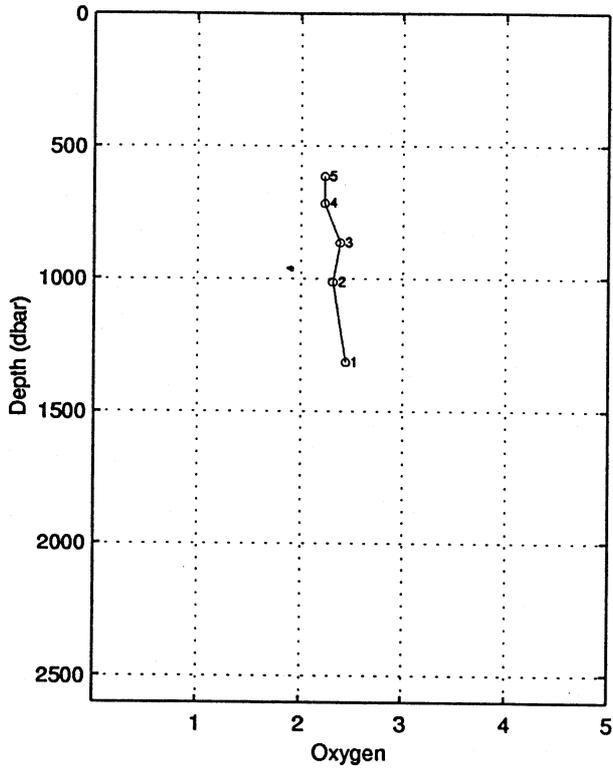
JADE 95

## Oxygen Profile

Bathysonde : Guildline INSU-Brest

Area : South Banda & Timor Sea - Indonesia

Cruise name : JADE95 - R/V Baruna Jaya I



98/10/13  
16:55:07

listacor\_12

1

JADE 95

station : 12.00

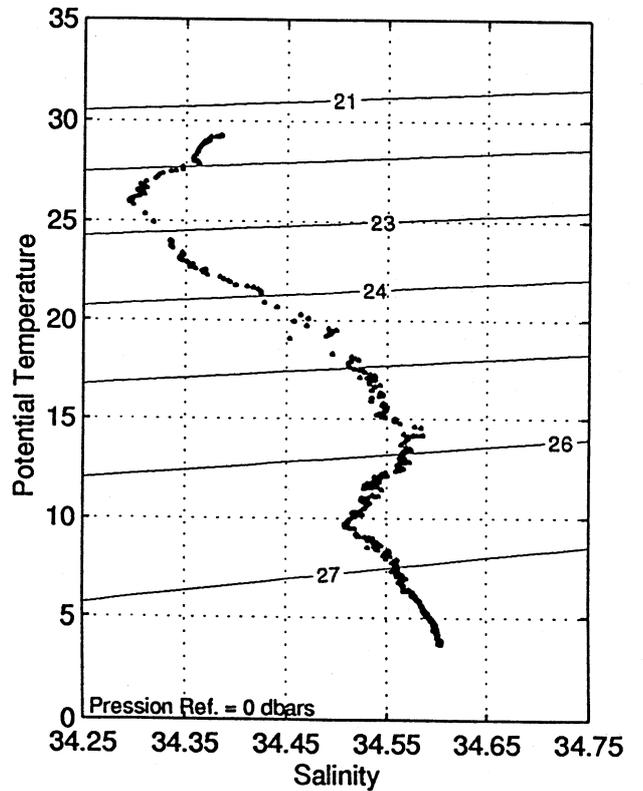
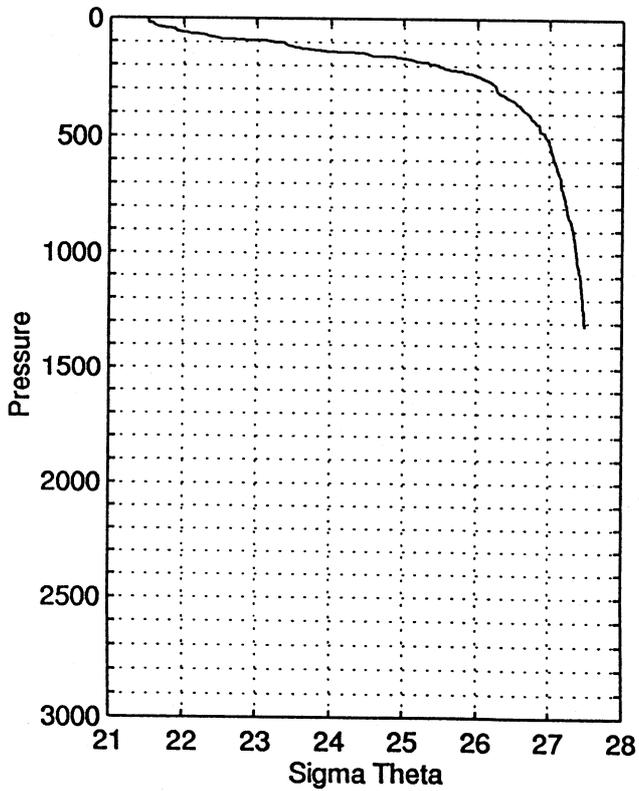
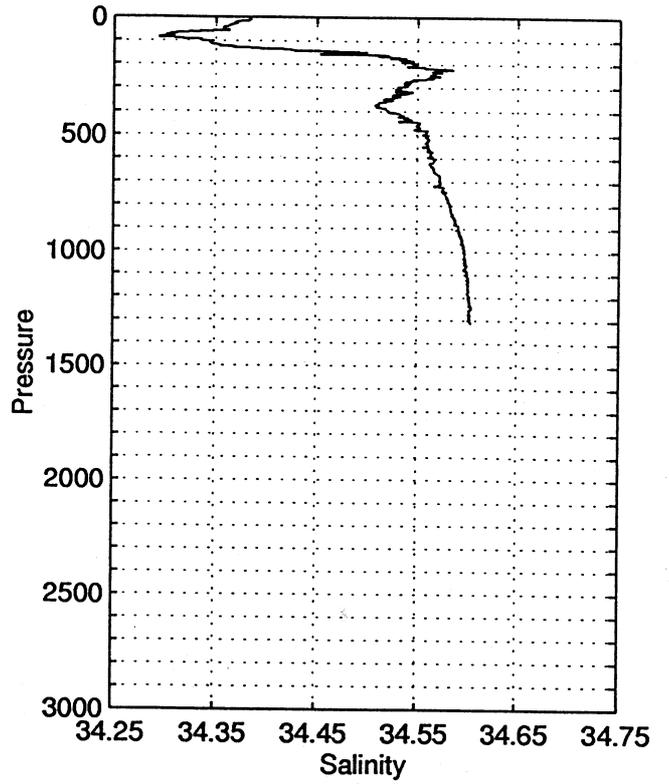
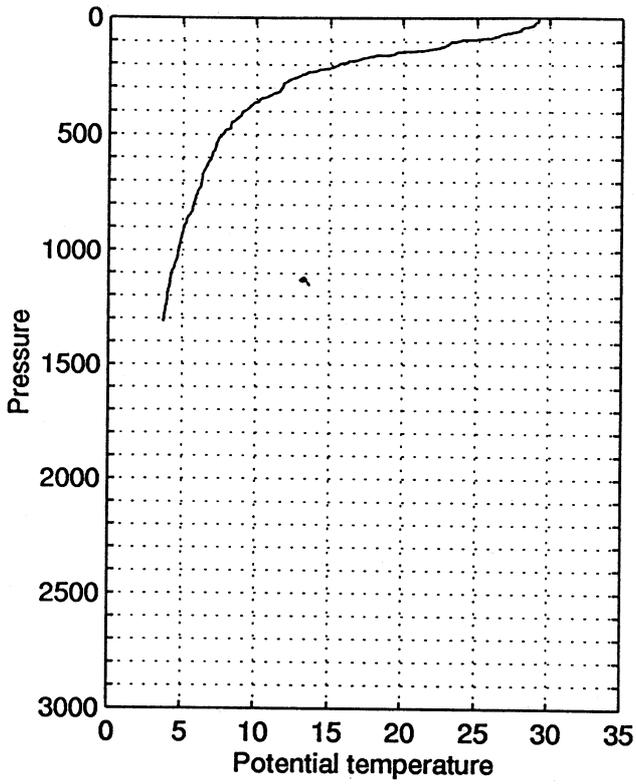
data reduction: 1 dbar

le 13/11/1995 a 17.55 tu -7.5623 127.3735 depth : 2789 m (2824.dbar)

press.	prof	temp.	theta	salin	sigtheta	sigmaamm	gamprf	gapt	avsp	h-dyn	v(sound)	bva
								(*1e5)	(mdyn)		(cph)	
3.	3.0	29.254	29.253	34.383	21.519	21.516	27.713	21.529	627.6	0.000	1543.4	0.00
12.	11.9	29.256	29.253	34.384	21.519	21.516	27.713	21.567	628.0	0.057	1543.6	0.31
20.	19.9	29.027	29.022	34.371	21.586	21.583	27.784	21.668	621.9	0.107	1543.2	4.94
30.	29.8	28.937	28.930	34.368	21.616	21.611	27.815	21.739	619.6	0.169	1543.2	4.66
40.	39.8	28.494	28.484	34.361	21.758	21.752	27.965	21.924	606.5	0.230	1542.4	6.92
50.	49.7	28.052	28.040	34.359	21.902	21.896	28.117	22.110	593.1	0.290	1541.6	3.04
60.	59.7	27.610	27.596	34.346	22.037	22.030	28.260	22.287	580.7	0.349	1540.8	7.88
70.	69.6	26.737	26.721	34.309	22.288	22.281	28.527	22.582	557.0	0.406	1538.9	5.70
80.	79.5	26.285	26.267	34.304	22.427	22.419	28.674	22.763	544.1	0.461	1538.0	7.73
90.	89.5	24.972	24.953	34.318	22.842	22.834	29.115	23.222	504.8	0.514	1535.1	20.38
100.	99.4	23.683	23.662	34.336	23.240	23.232	29.539	23.665	467.0	0.562	1532.1	9.31
110.	109.4	23.165	23.143	34.345	23.397	23.389	29.707	23.866	452.4	0.608	1531.0	2.97
120.	119.3	22.859	22.834	34.356	23.495	23.486	29.811	24.006	443.5	0.653	1530.4	5.78
130.	129.2	22.315	22.289	34.371	23.660	23.651	29.988	24.215	428.0	0.696	1529.2	9.42
140.	139.2	21.347	21.320	34.424	23.970	23.961	30.318	24.570	398.7	0.738	1526.8	10.10
150.	149.1	19.509	19.482	34.496	24.514	24.505	30.903	25.161	346.9	0.774	1522.0	2.63
160.	159.0	18.352	18.324	34.496	24.807	24.799	31.224	25.501	319.1	0.808	1518.9	18.83
170.	169.0	17.498	17.469	34.526	25.039	25.031	31.477	25.779	297.1	0.839	1516.6	3.77
180.	178.9	17.000	16.970	34.537	25.167	25.159	31.617	25.951	285.2	0.868	1515.3	5.14
190.	188.9	16.209	16.179	34.545	25.358	25.350	31.828	26.188	267.2	0.895	1513.1	3.61
200.	198.8	15.631	15.600	34.548	25.492	25.484	31.978	26.368	254.6	0.921	1511.4	2.40
210.	208.7	15.330	15.297	34.542	25.554	25.546	32.048	26.476	248.8	0.946	1510.7	1.52
220.	218.7	14.613	14.580	34.584	25.743	25.735	32.256	26.711	231.0	0.970	1508.6	6.84
230.	228.6	13.976	13.943	34.569	25.866	25.859	32.398	26.882	219.3	0.993	1506.7	6.84
240.	238.5	13.406	13.372	34.566	25.982	25.974	32.530	27.044	208.4	1.014	1505.0	4.33
250.	248.5	12.998	12.963	34.564	26.063	26.055	32.622	27.171	200.8	1.034	1503.8	3.03
260.	258.4	12.573	12.538	34.566	26.149	26.141	32.721	27.303	192.7	1.054	1502.5	7.08
270.	268.3	12.193	12.158	34.549	26.209	26.202	32.792	27.410	187.1	1.073	1501.4	1.38
280.	278.2	11.925	11.889	34.537	26.251	26.244	32.843	27.498	183.2	1.092	1500.6	1.86
290.	288.2	11.848	11.810	34.540	26.269	26.261	32.862	27.560	181.8	1.110	1500.5	1.64
300.	298.1	11.763	11.724	34.534	26.280	26.272	32.876	27.616	181.0	1.128	1500.4	2.48
319.	317.0	11.507	11.466	34.545	26.336	26.328	32.940	27.823	171.7	1.162	1499.9	8.60
340.	337.8	10.764	10.723	34.532	26.461	26.453	33.088	27.982	164.2	1.198	1497.6	4.99
360.	357.7	10.166	10.124	34.519	26.556	26.548	33.202	28.171	155.2	1.229	1495.8	4.10
380.	377.5	9.656	9.612	34.512	26.636	26.629	33.299	28.345	147.7	1.259	1494.3	0.00
400.	397.4	9.206	9.161	34.521	26.717	26.710	33.395	28.520	140.1	1.288	1493.0	2.62
420.	417.2	9.005	8.959	34.535	26.760	26.753	33.444	28.655	136.2	1.316	1492.6	2.70
440.	437.1	8.653	8.606	34.543	26.823	26.815	33.519	28.810	130.4	1.342	1491.6	0.62
460.	456.9	8.342	8.294	34.549	26.876	26.868	33.582	28.956	125.5	1.368	1490.8	0.00
480.	476.8	8.017	7.968	34.549	26.925	26.917	33.642	29.099	120.9	1.393	1489.9	5.39
500.	496.6	7.757	7.707	34.557	26.970	26.962	33.696	29.237	116.8	1.416	1489.2	4.46
520.	516.4	7.501	7.449	34.561	27.010	27.002	33.745	29.370	113.1	1.439	1488.6	2.40
540.	536.3	7.377	7.324	34.561	27.027	27.020	33.767	29.479	111.6	1.462	1488.4	1.86
560.	556.1	7.298	7.244	34.560	27.038	27.030	33.781	29.582	110.8	1.484	1488.5	0.00
580.	575.9	7.133	7.077	34.563	27.064	27.056	33.812	29.700	108.5	1.506	1488.2	0.62
600.	595.8	7.015	6.957	34.564	27.082	27.073	33.834	29.810	107.0	1.528	1488.0	0.00
647.	642.4	6.666	6.605	34.566	27.131	27.123	33.896	30.124	101.3	1.577	1487.5	0.98
700.	694.9	6.396	6.332	34.574	27.173	27.164	33.947	30.363	99.1	1.630	1487.3	1.86
750.	744.5	6.102	6.034	34.578	27.215	27.206	34.000	30.636	95.3	1.679	1487.0	1.07
800.	794.0	5.860	5.789	34.582	27.249	27.240	34.043	30.901	92.4	1.725	1486.8	0.00
852.	845.5	5.489	5.415	34.587	27.299	27.290	34.106	31.194	87.7	1.773	1486.2	3.02
900.	893.0	5.212	5.136	34.592	27.336	27.327	34.154	31.454	84.3	1.814	1485.9	1.51
950.	942.5	5.018	4.939	34.595	27.361	27.352	34.187	31.711	82.1	1.856	1485.9	0.62
1000.	992.0	4.850	4.768	34.597	27.383	27.373	34.214	31.963	80.3	1.896	1486.1	0.87
1050.	1041.5	4.673	4.587	34.600	27.405	27.395	34.244	32.216	78.3	1.936	1486.2	1.86
1100.	1091.0	4.405	4.317	34.600	27.435	27.425	34.284	32.480	75.4	1.974	1485.9	0.00
1150.	1140.4	4.248	4.158	34.601	27.453	27.443	34.308	32.729	73.8	2.011	1486.1	1.51
1200.	1189.9	4.091	3.998	34.602	27.470	27.460	34.331	32.977	72.2	2.048	1486.3	0.00
1249.	1238.3	3.973	3.876	34.605	27.485	27.475	34.351	33.253	71.1	2.083	1486.6	1.38
1300.	1288.7	3.876	3.776	34.602	27.492	27.482	34.362	33.460	70.4	2.119	1487.0	1.38
fin	1314.	1302.5	3.835	3.734	34.604	27.499	27.488	34.370	0.000	2.1*****	0.9	

Mean vertical sound speed between 3. et 1314. dbar : 1495.9 m/s  
Reference pressure for gamprf : 1500. dbar

JADE 95 Station 12 - (13 Nov 95)



# STATION 12

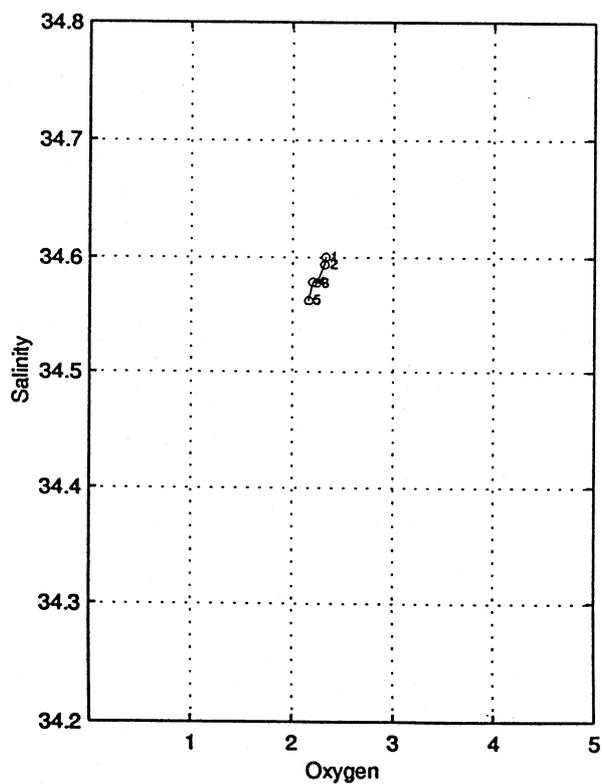
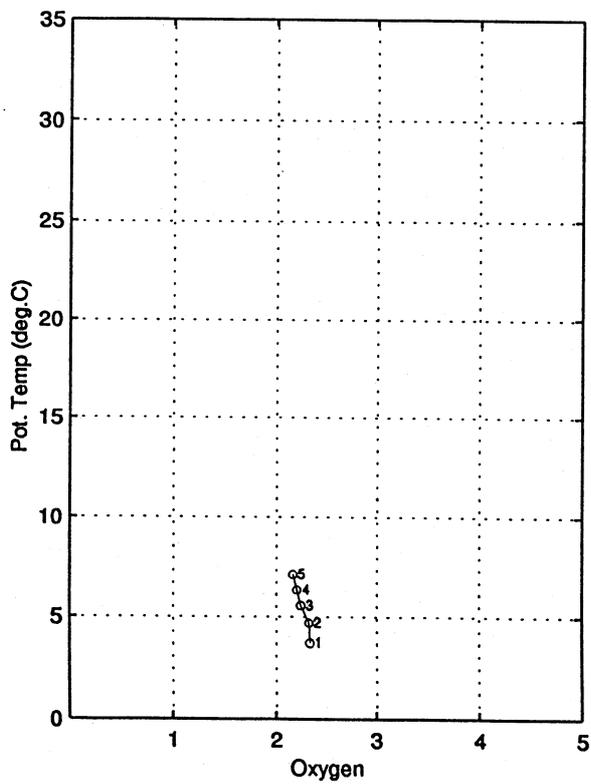
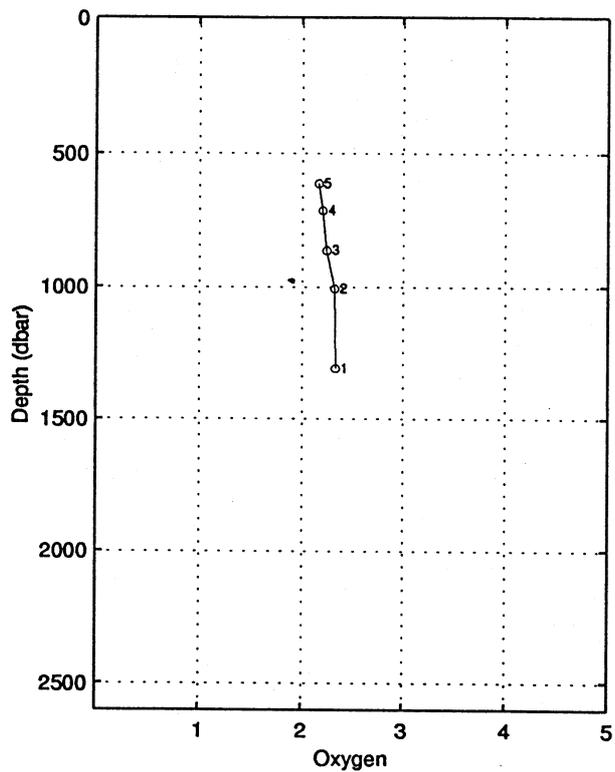
JADE 95

## Oxygen Profile

Bathysonde : Guildline INSU-Brest

Area : South Banda & Timor Sea - Indonesia

Cruise name : JADE95 - RV Baruna Jaya I





98/10/13  
16:57:53

listacor\_13

1

JADE 95

station : 13.00

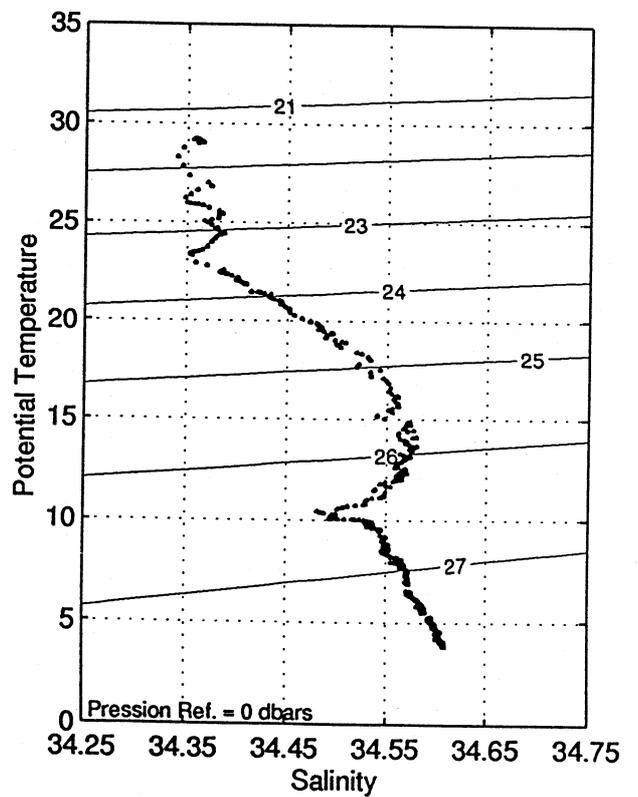
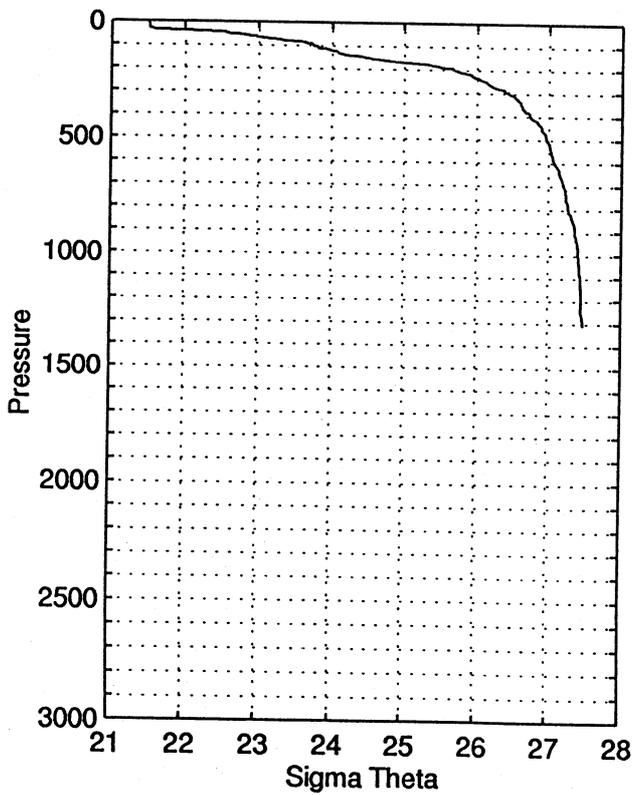
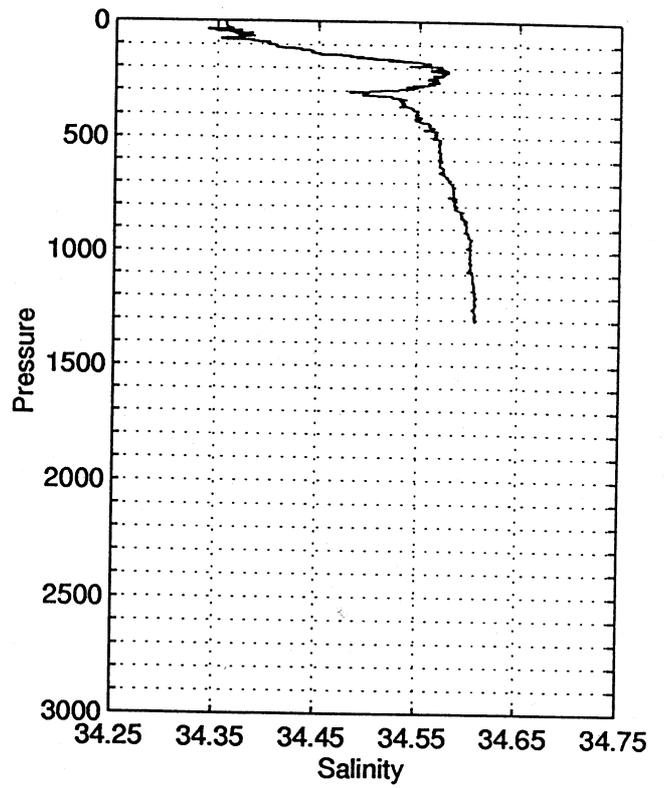
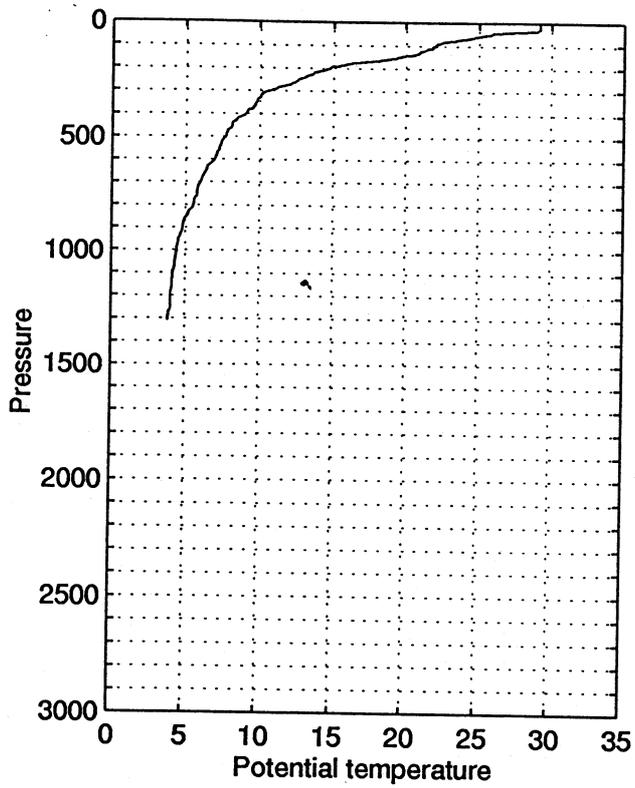
data reduction: 1 dbar

le 13/11/1995 a 20.49 tu -8.0600 127.3395 depth : 2238 m (2263.dbar)

press.	prof	temp.	theta	salin	sigtheta	sigmaamat	gamprf	gapt5	avsp	h-dyn	v(sound)	bva
								(*1e5)	(mdyn)		(cph)	
1.	1.0	29.190	29.189	34.356	21.520	21.518	27.715	21.522	627.4	0.000	1543.2	0.00
10.	9.9	29.200	29.197	34.358	21.519	21.516	27.714	21.558	628.0	0.056	1543.4	0.62
20.	19.9	29.200	29.195	34.359	21.520	21.516	27.714	21.601	628.4	0.119	1543.6	0.88
30.	29.8	29.144	29.137	34.362	21.542	21.537	27.738	21.666	626.7	0.182	1543.6	5.83
40.	39.8	27.007	26.998	34.370	22.246	22.241	28.479	22.413	559.7	0.243	1539.1	20.39
50.	49.7	25.847	25.836	34.364	22.607	22.601	28.862	22.817	525.5	0.297	1536.6	5.15
60.	59.7	24.865	24.852	34.374	22.915	22.909	29.189	23.168	496.5	0.348	1534.4	11.25
70.	69.6	24.175	24.160	34.377	23.124	23.118	29.412	23.421	476.8	0.396	1532.9	9.41
81.	80.5	22.954	22.937	34.359	23.467	23.461	29.781	23.812	444.5	0.447	1530.0	13.51
90.	89.5	22.300	22.282	34.394	23.680	23.673	30.007	24.064	424.5	0.486	1528.5	7.56
100.	99.4	22.066	22.046	34.400	23.750	23.743	30.083	24.177	418.1	0.528	1528.0	1.64
110.	109.4	21.851	21.830	34.408	23.817	23.810	30.154	24.287	412.1	0.569	1527.7	2.77
120.	119.3	21.309	21.286	34.433	23.986	23.979	30.335	24.501	396.3	0.609	1526.4	2.77
130.	129.2	20.941	20.916	34.445	24.095	24.088	30.452	24.654	386.2	0.648	1525.6	4.11
140.	139.2	20.562	20.536	34.452	24.203	24.195	30.568	24.805	376.3	0.687	1524.7	7.88
150.	149.1	19.670	19.643	34.485	24.463	24.455	30.849	25.110	351.7	0.723	1522.5	7.46
160.	159.0	18.938	18.909	34.508	24.670	24.661	31.072	25.362	332.3	0.757	1520.6	6.70
170.	169.0	17.537	17.509	34.543	25.043	25.035	31.479	25.782	296.8	0.789	1516.7	13.82
180.	178.9	16.189	16.161	34.561	25.374	25.366	31.845	26.161	265.3	0.817	1512.9	5.57
190.	188.8	15.521	15.491	34.551	25.518	25.511	32.007	26.351	251.7	0.842	1510.9	7.00
200.	198.8	14.797	14.767	34.573	25.695	25.687	32.203	26.574	235.0	0.866	1508.8	4.11
210.	208.7	14.437	14.407	34.570	25.770	25.762	32.288	26.695	228.1	0.890	1507.9	4.99
220.	218.7	13.719	13.687	34.579	25.928	25.921	32.466	26.900	213.1	0.912	1505.7	7.16
230.	228.6	13.503	13.470	34.574	25.968	25.961	32.513	26.986	209.4	0.933	1505.2	6.84
240.	238.5	13.099	13.066	34.567	26.045	26.038	32.601	27.108	202.3	0.953	1504.0	4.63
250.	248.5	12.670	12.636	34.558	26.123	26.116	32.692	27.233	194.9	0.973	1502.7	2.63
260.	258.4	12.520	12.485	34.566	26.159	26.152	32.733	27.314	191.7	0.993	1502.4	4.71
270.	268.3	12.172	12.136	34.560	26.222	26.215	32.806	27.423	185.9	1.011	1501.3	2.70
280.	278.2	11.713	11.677	34.554	26.304	26.297	32.901	27.552	178.1	1.030	1499.9	6.40
290.	288.2	11.208	11.172	34.545	26.390	26.383	33.003	27.686	169.9	1.047	1498.3	0.88
300.	298.1	10.737	10.700	34.512	26.449	26.442	33.077	27.792	164.3	1.064	1496.8	2.55
320.	318.0	10.115	10.077	34.495	26.545	26.538	33.193	27.982	155.3	1.096	1494.9	3.50
340.	337.8	9.881	9.842	34.535	26.616	26.609	33.271	28.144	148.9	1.126	1494.4	0.00
360.	357.7	9.749	9.708	34.535	26.639	26.632	33.298	28.257	147.1	1.156	1494.3	0.00
379.	376.5	9.546	9.503	34.543	26.679	26.671	33.345	28.439	139.6	1.183	1493.9	3.27
400.	397.4	9.116	9.072	34.546	26.752	26.744	33.432	28.555	136.7	1.212	1492.7	2.05
420.	417.2	8.582	8.537	34.549	26.839	26.831	33.536	28.736	128.5	1.239	1491.0	1.38
440.	437.1	8.234	8.189	34.560	26.900	26.893	33.609	28.891	122.7	1.264	1490.1	0.62
461.	457.9	8.116	8.068	34.566	26.923	26.915	33.636	29.010	120.9	1.290	1490.0	2.85
480.	476.8	7.869	7.820	34.567	26.961	26.953	33.683	29.137	117.4	1.312	1489.3	1.52
500.	496.6	7.745	7.694	34.568	26.980	26.973	33.707	29.247	115.8	1.336	1489.2	2.23
520.	516.4	7.505	7.454	34.572	27.018	27.010	33.752	29.378	112.3	1.358	1488.6	3.07
540.	536.3	7.424	7.371	34.570	27.028	27.020	33.766	29.480	111.6	1.381	1488.6	1.52
560.	556.1	7.322	7.267	34.570	27.043	27.035	33.784	29.586	110.4	1.403	1488.6	0.00
580.	575.9	7.175	7.119	34.571	27.065	27.057	33.811	29.700	108.5	1.425	1488.3	1.07
600.	595.8	7.016	6.958	34.573	27.088	27.080	33.840	29.816	106.4	1.446	1488.1	2.55
650.	645.3	6.465	6.406	34.573	27.163	27.155	33.935	30.125	99.4	1.497	1486.7	1.79
694.	689.0	6.141	6.079	34.581	27.211	27.203	33.995	30.461	93.3	1.540	1486.2	0.62
750.	744.5	5.865	5.799	34.585	27.250	27.242	34.044	30.676	91.6	1.592	1486.0	0.00
802.	796.0	5.599	5.530	34.589	27.287	27.278	34.090	30.953	88.4	1.639	1485.8	2.38
850.	843.5	5.184	5.112	34.592	27.339	27.331	34.158	31.231	83.3	1.680	1484.9	0.00
900.	893.0	4.915	4.841	34.599	27.376	27.367	34.205	31.501	79.9	1.720	1484.7	0.87
950.	942.5	4.634	4.558	34.603	27.411	27.402	34.250	31.769	76.6	1.760	1484.4	0.00
1000.	992.0	4.532	4.452	34.602	27.422	27.413	34.265	32.010	75.9	1.798	1484.8	0.62
1050.	1041.5	4.415	4.332	34.602	27.434	27.425	34.283	32.252	74.9	1.835	1485.1	0.00
1100.	1091.0	4.269	4.183	34.605	27.453	27.444	34.307	32.502	73.3	1.872	1485.3	1.38
1150.	1140.4	4.213	4.123	34.606	27.460	27.450	34.317	32.737	73.0	1.909	1485.9	0.00
1200.	1189.8	4.173	4.078	34.608	27.466	27.456	34.324	32.971	72.8	1.946	1486.6	1.24
1251.	1240.3	4.149	4.050	34.606	27.468	27.457	34.327	33.204	73.1	1.983	1487.4	0.00
1300.	1288.7	3.971	3.870	34.607	27.487	27.477	34.354	33.451	71.2	2.018	1487.4	0.62
fin	1309.	1297.6	3.963	3.861	34.608	27.489	27.478	34.355	0.000	2.0*****	0.0	

Mean vertical sound speed between 1. et 1309. dbar : 1494.8 m/s  
Reference pressure for gamprf : 1500. dbar

JADE 95 Station 13 - (13 Nov 95)



# STATION 13

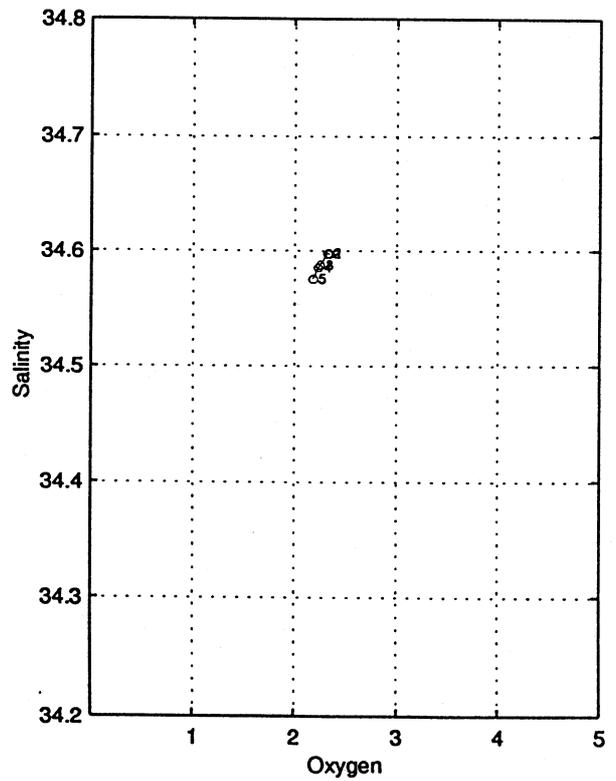
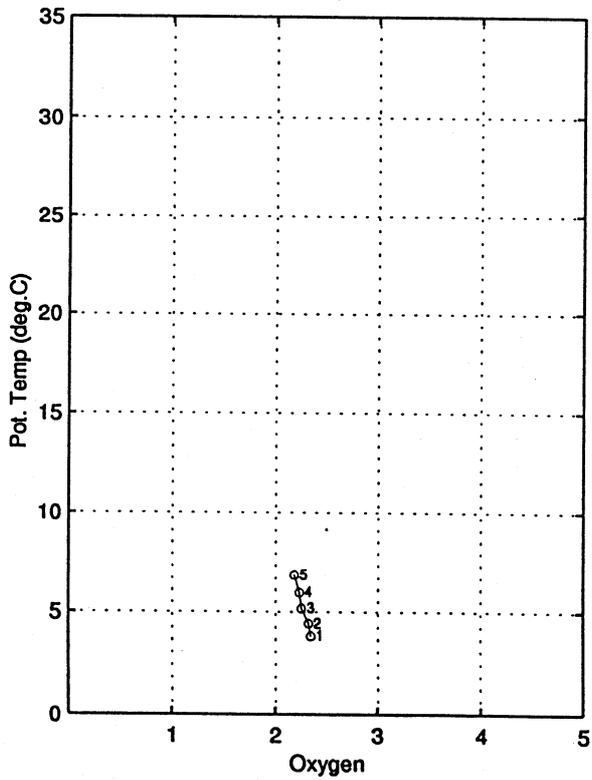
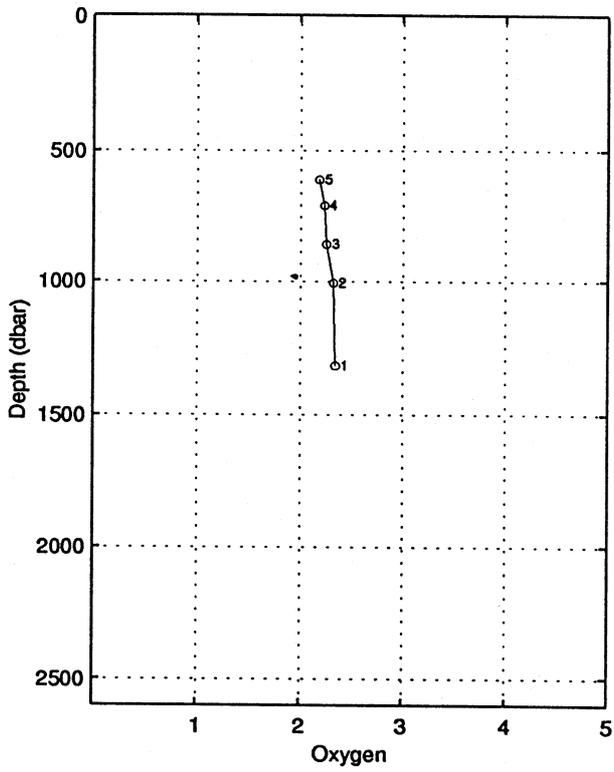
JADE 95

## Oxygen Profile

Bathysonde : Guildline INSU-Brest

Area : South Banda & Timor Sea - Indonesia

Cruise name : JADE95 - R/V Baruna Jaya I



98/10/13  
17:10:41

listacor\_14

1

JADE 95

station : 14.00

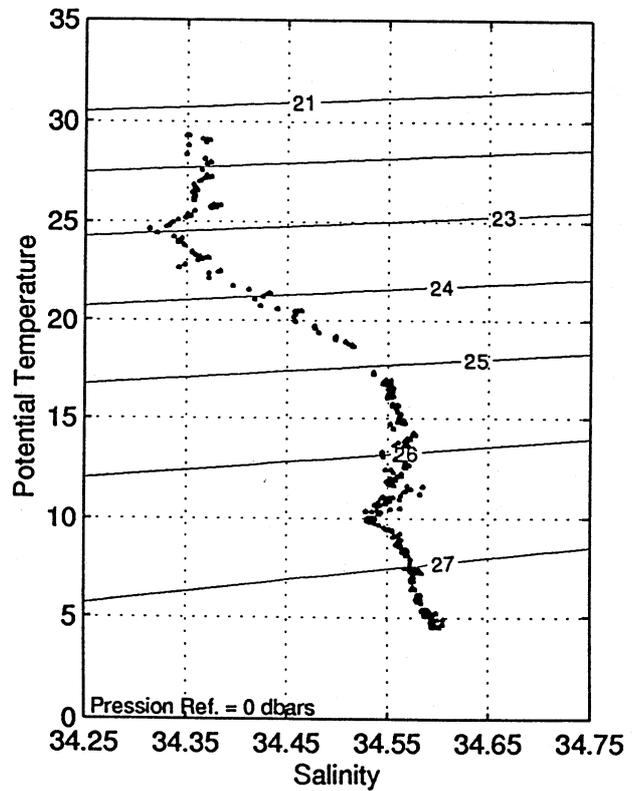
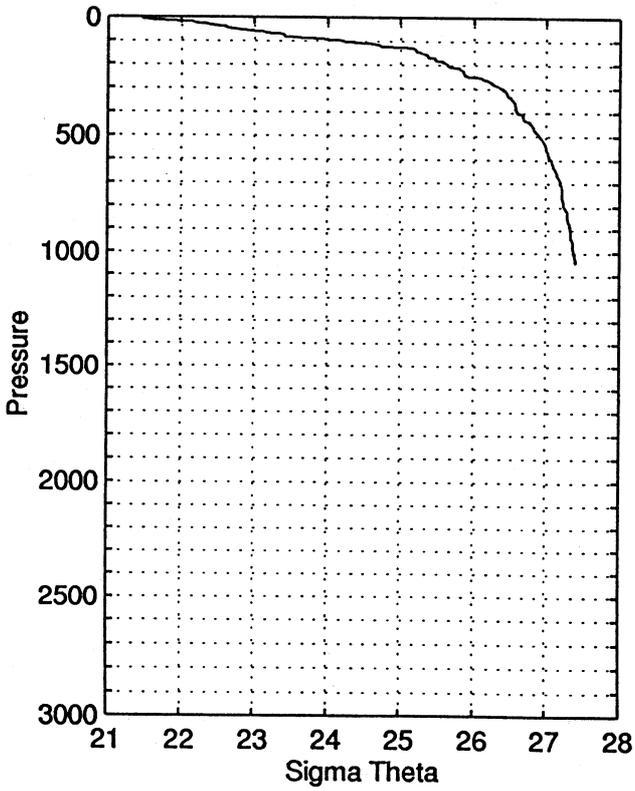
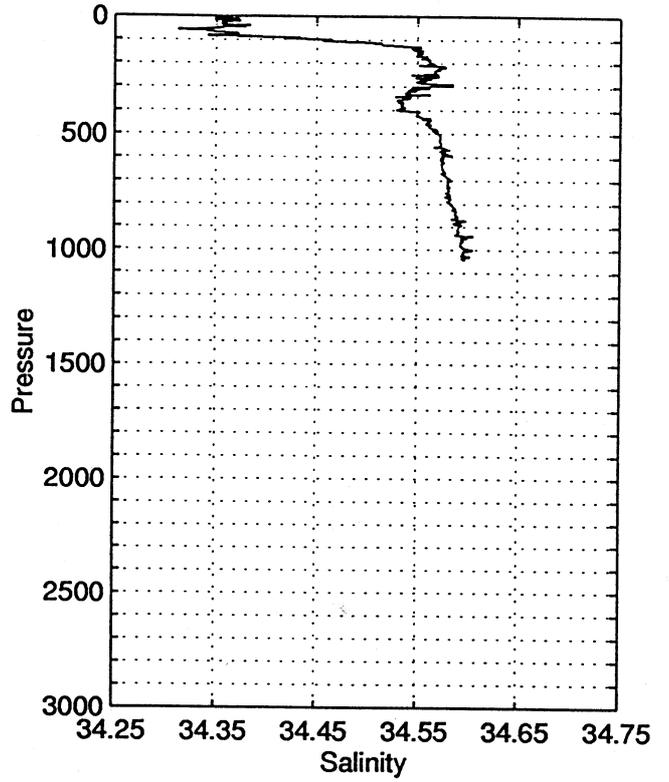
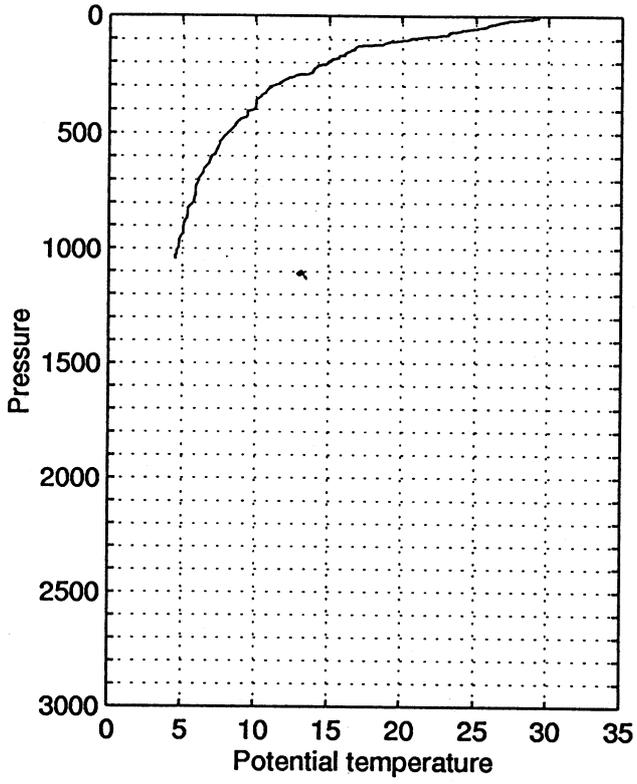
data reduction: 1 dbar

le 13/11/1995 a 23.30 tu -8.1826 127.4000 depth : 1146 m (1156.dbar)

press.	prof	temp.	theta	salin	sigtheta	sigmaamat	gamprf	gapt	avsp	h-dyn	v(sound)	bva
								(*1e5)	(mdyn)	(cph)		
3.	3.0	29.300	29.299	34.351	21.479	21.477	27.672	21.490	631.4	0.000	1543.5	0.00
10.	9.9	29.109	29.106	34.369	21.557	21.554	27.753	21.597	624.3	0.044	1543.2	5.80
20.	19.9	27.258	27.253	34.374	22.167	22.164	28.396	22.250	566.3	0.104	1539.3	11.60
30.	29.8	26.521	26.515	34.358	22.390	22.386	28.633	22.515	545.4	0.160	1537.8	7.23
40.	39.8	25.833	25.824	34.381	22.622	22.618	28.878	22.790	523.6	0.213	1536.4	0.62
50.	49.7	25.318	25.307	34.354	22.761	22.756	29.027	22.972	510.7	0.265	1535.3	9.43
60.	59.7	24.239	24.226	34.337	23.074	23.069	29.361	23.328	481.2	0.315	1532.8	15.07
70.	69.6	23.318	23.304	34.358	23.361	23.355	29.667	23.659	454.1	0.362	1530.7	10.11
80.	79.5	23.170	23.153	34.368	23.411	23.405	29.720	23.752	449.7	0.407	1530.5	0.00
90.	89.5	21.573	21.555	34.411	23.896	23.889	30.238	24.281	403.8	0.450	1526.6	14.05
100.	99.4	20.503	20.485	34.459	24.222	24.215	30.588	24.651	373.0	0.489	1523.9	0.00
110.	109.4	19.402	19.382	34.481	24.528	24.522	30.920	25.003	344.0	0.525	1521.1	13.72
120.	119.3	18.701	18.680	34.515	24.733	24.726	31.141	25.252	324.8	0.558	1519.3	5.61
130.	129.2	16.963	16.942	34.553	25.186	25.180	31.637	25.753	281.6	0.589	1514.4	7.03
140.	139.2	16.790	16.767	34.550	25.225	25.219	31.680	25.836	278.3	0.617	1514.0	3.56
150.	149.1	16.525	16.501	34.550	25.287	25.281	31.750	25.942	272.6	0.644	1513.4	4.67
160.	159.0	16.156	16.131	34.555	25.376	25.369	31.848	26.076	264.4	0.671	1512.4	1.96
170.	169.0	15.769	15.743	34.555	25.464	25.457	31.946	26.209	256.2	0.698	1511.4	9.08
180.	178.9	15.689	15.661	34.560	25.486	25.479	31.971	26.275	254.4	0.723	1511.3	0.00
190.	188.8	15.214	15.185	34.562	25.594	25.587	32.091	26.429	244.4	0.748	1510.0	0.00
200.	198.8	14.944	14.914	34.565	25.656	25.649	32.160	26.535	238.7	0.772	1509.3	2.23
210.	208.7	14.771	14.740	34.552	25.684	25.677	32.193	26.608	236.3	0.796	1508.9	0.00
219.	217.7	14.226	14.195	34.578	25.821	25.813	32.345	26.828	221.3	0.816	1507.3	1.80
230.	228.6	14.010	13.977	34.573	25.862	25.855	32.392	26.877	219.7	0.840	1506.8	1.07
240.	238.5	13.910	13.875	34.567	25.879	25.871	32.412	26.939	218.4	0.862	1506.6	3.39
251.	249.4	13.368	13.333	34.544	25.974	25.966	32.522	27.084	209.5	0.886	1505.0	8.33
260.	258.4	12.688	12.653	34.567	26.127	26.119	32.695	27.281	194.9	0.904	1502.9	2.40
270.	268.3	12.170	12.135	34.562	26.223	26.216	32.807	27.424	185.8	0.923	1501.3	2.05
280.	278.2	11.911	11.874	34.549	26.263	26.255	32.854	27.510	182.1	0.941	1500.6	3.66
290.	288.2	11.653	11.616	34.585	26.340	26.332	32.939	27.632	175.0	0.959	1499.9	7.88
300.	298.1	11.208	11.171	34.563	26.405	26.397	33.018	27.745	168.8	0.976	1498.5	1.38
319.	317.0	10.803	10.764	34.548	26.466	26.459	33.092	27.908	163.2	1.008	1497.4	4.01
339.	336.8	10.464	10.423	34.540	26.520	26.512	33.156	28.056	158.5	1.040	1496.5	0.51
360.	357.7	10.085	10.043	34.532	26.579	26.572	33.228	28.195	152.9	1.073	1495.5	2.70
381.	378.5	10.070	10.025	34.536	26.585	26.577	33.235	28.295	152.8	1.105	1495.8	2.00
400.	397.4	9.929	9.883	34.530	26.605	26.597	33.259	28.401	151.3	1.134	1495.6	2.70
420.	417.2	9.508	9.460	34.550	26.691	26.683	33.358	28.580	143.2	1.163	1494.4	0.00
440.	437.1	9.022	8.973	34.562	26.780	26.772	33.463	28.763	134.8	1.191	1493.0	8.18
460.	456.9	8.719	8.669	34.558	26.825	26.817	33.518	28.901	130.7	1.218	1492.2	2.83
480.	476.8	8.498	8.447	34.568	26.867	26.859	33.568	29.036	126.9	1.244	1491.7	3.81
499.	495.6	8.189	8.137	34.571	26.917	26.909	33.628	29.259	119.1	1.267	1490.9	3.21
525.	521.4	7.802	7.749	34.573	26.976	26.968	33.700	29.355	116.7	1.298	1489.8	2.44
539.	535.3	7.645	7.591	34.574	26.999	26.991	33.729	29.525	113.5	1.314	1489.5	1.24
560.	556.1	7.532	7.476	34.577	27.019	27.011	33.753	29.559	112.9	1.338	1489.4	1.52
580.	575.9	7.369	7.312	34.578	27.043	27.035	33.783	29.676	110.8	1.361	1489.1	1.96
600.	595.8	7.079	7.021	34.575	27.081	27.073	33.831	29.808	107.1	1.383	1488.3	0.00
650.	645.3	6.585	6.524	34.575	27.149	27.141	33.917	30.109	100.9	1.435	1487.2	1.38
700.	694.9	6.192	6.129	34.583	27.207	27.198	33.988	30.400	95.6	1.484	1486.5	2.55
751.	745.4	6.015	5.948	34.581	27.229	27.220	34.017	30.656	94.0	1.532	1486.6	0.44
802.	796.0	5.773	5.703	34.584	27.262	27.253	34.059	30.924	91.1	1.580	1486.5	2.08
850.	843.5	5.439	5.367	34.589	27.307	27.298	34.116	31.193	86.9	1.622	1486.0	0.00
900.	893.0	5.181	5.105	34.592	27.340	27.331	34.159	31.459	83.8	1.664	1485.8	0.00
950.	942.5	4.971	4.892	34.600	27.371	27.362	34.198	31.721	81.1	1.706	1485.7	3.91
1002.	994.0	4.773	4.691	34.605	27.397	27.388	34.232	31.989	78.7	1.748	1485.8	2.32
fin	1045.	1036.5	4.630	4.545	34.598	27.408	27.399	34.249	0.000	1.8*****	2.5	

Mean vertical sound speed between 3. et 1045. dbar : 1497.2 m/s  
Reference pressure for gamprf : 1500. dbar

JADE 95 Station 14 - (13 Nov 95)



# STATION 14

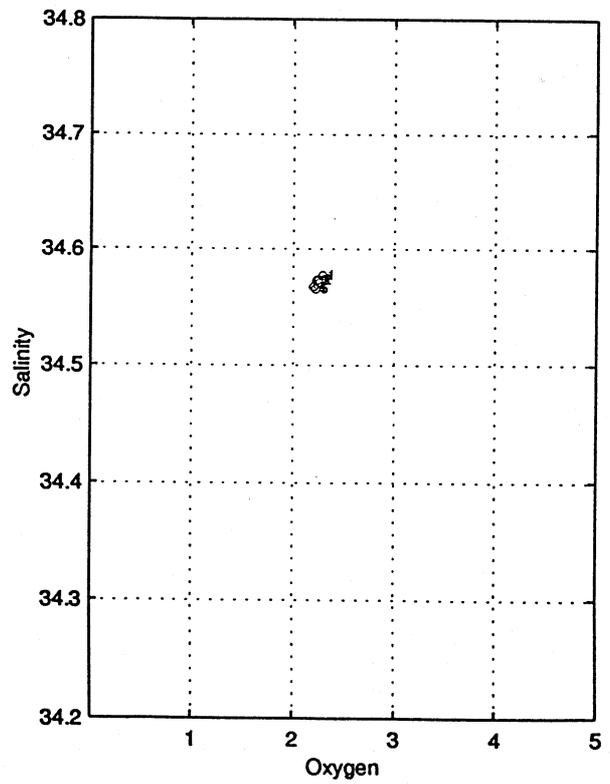
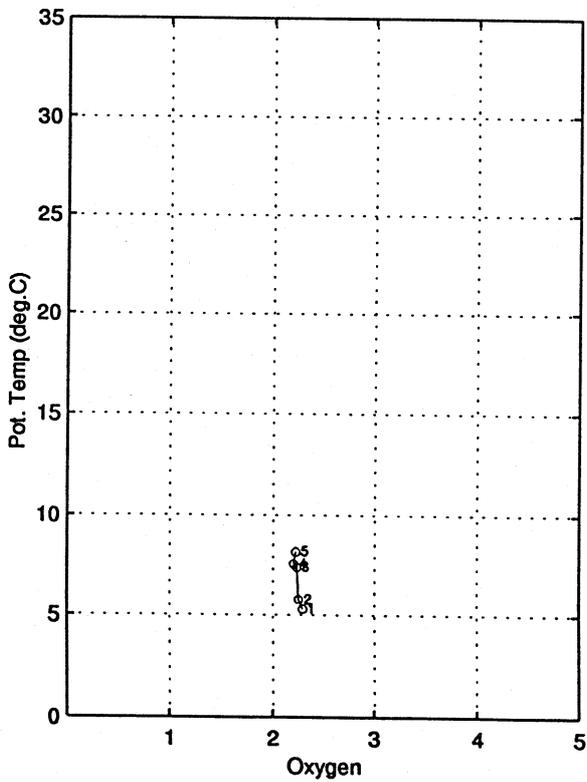
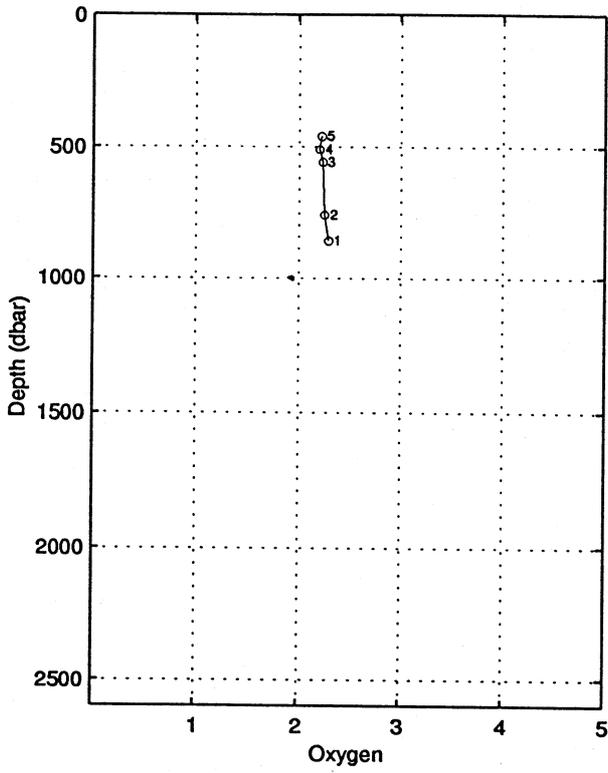
JADE 95

## Oxygen Profile

Bathysonde : Guildline INSU-Brest

Area : South Banda & Timor Sea - Indonesia

Cruise name : JADE95 - R/V Baruna Jaya I



98/10/13  
17:12:10

listacor\_15

1

JADE 95

station : 15.00

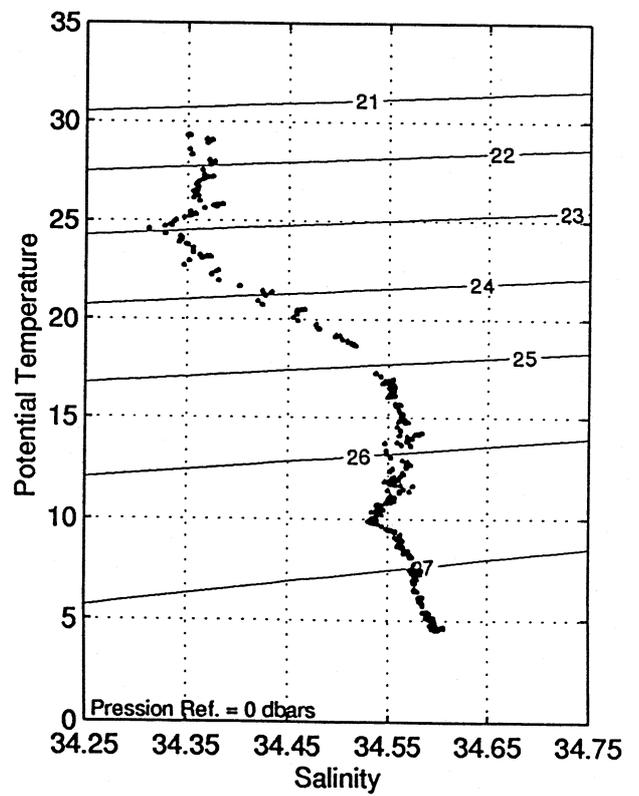
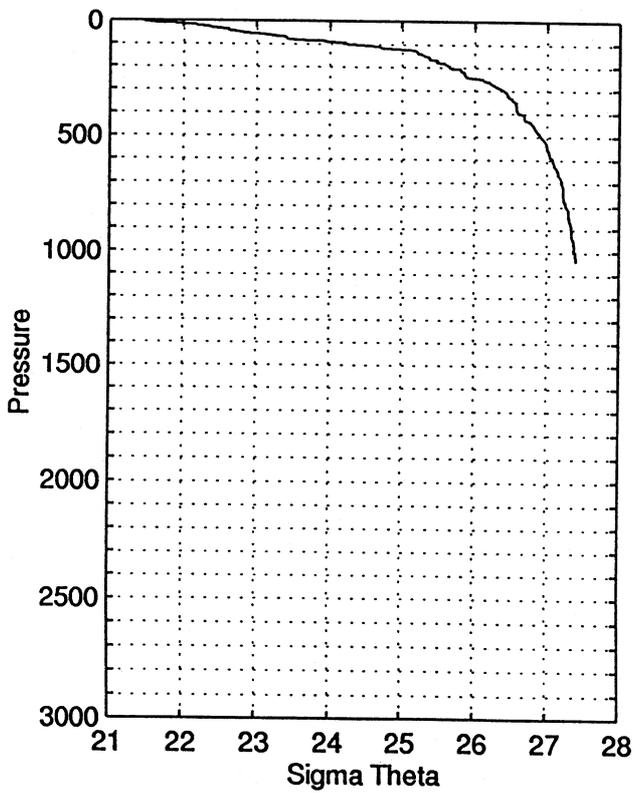
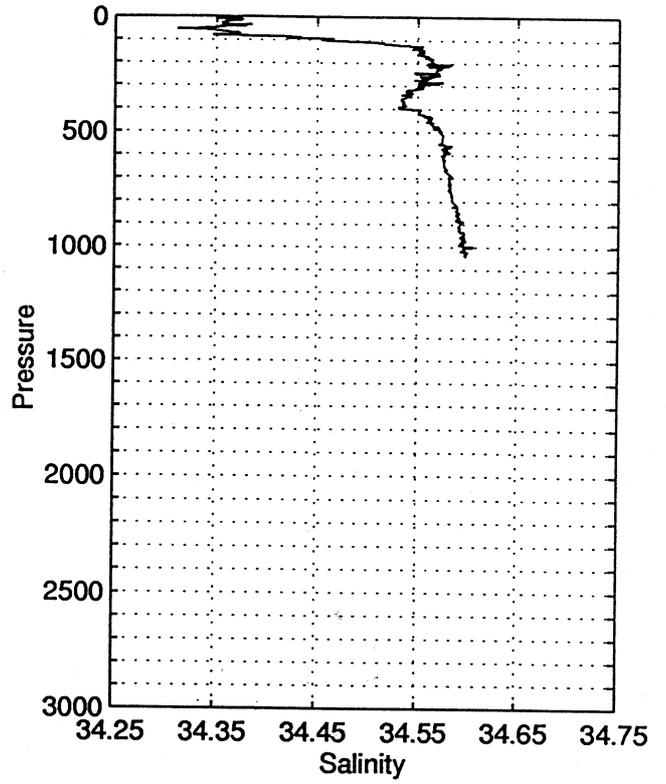
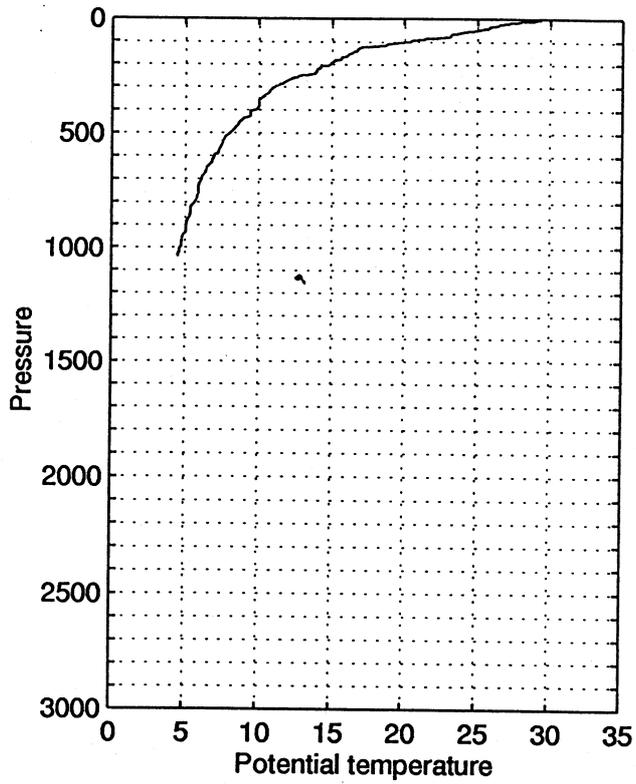
data reduction: 1 dbar

le 14/11/1995 a 5.10 tu -8.0298 126.4985 depth : 3336 m (3382.dbar)

press.	prof	temp.	theta	salin	sigtheta	sigmaamm	gamprf	gapt	avsp	h-dyn	v(sound)	bva
								(*1e5)	(mdyn)		(cph)	
0.	0.0	29.300	29.300	34.352	21.480	21.477	27.673	21.477	631.2	0.000	1543.5	0.00
10.	9.9	28.600	28.598	34.352	21.713	21.710	27.918	21.753	609.4	0.063	1542.1	16.97
20.	19.9	27.160	27.156	34.367	22.193	22.190	28.424	22.276	563.8	0.120	1539.1	4.94
30.	29.8	26.359	26.353	34.359	22.442	22.437	28.687	22.567	540.5	0.176	1537.4	8.97
40.	39.8	25.798	25.789	34.375	22.629	22.625	28.885	22.797	522.9	0.228	1536.3	2.48
50.	49.7	25.042	25.031	34.339	22.834	22.829	29.105	23.045	503.8	0.280	1534.6	10.74
60.	59.7	23.990	23.977	34.342	23.152	23.146	29.444	23.406	473.8	0.329	1532.2	6.59
70.	69.6	23.190	23.175	34.370	23.407	23.401	29.715	23.704	449.8	0.375	1530.4	2.23
80.	79.5	22.763	22.747	34.347	23.512	23.506	29.830	23.853	440.1	0.420	1529.5	13.92
90.	89.5	21.315	21.298	34.425	23.976	23.970	30.325	24.362	396.0	0.461	1525.9	4.38
100.	99.4	20.381	20.363	34.458	24.254	24.248	30.623	24.684	369.9	0.499	1523.6	6.95
110.	109.4	18.998	18.979	34.504	24.649	24.643	31.050	25.124	332.4	0.534	1519.9	11.06
117.	116.3	18.691	18.670	34.517	24.737	24.730	31.145	25.639	289.8	0.557	1519.2	5.18
130.	129.2	16.899	16.878	34.547	25.196	25.190	31.649	25.763	280.7	0.595	1514.2	0.00
140.	139.2	16.770	16.747	34.544	25.225	25.219	31.681	25.836	278.2	0.623	1513.9	0.00
150.	149.1	16.413	16.388	34.556	25.318	25.311	31.783	25.973	269.7	0.651	1513.0	5.57
160.	159.0	16.126	16.100	34.555	25.383	25.376	31.856	26.083	263.7	0.677	1512.3	4.06
170.	169.0	15.706	15.680	34.560	25.483	25.476	31.967	26.228	254.5	0.703	1511.2	0.00
180.	178.9	15.635	15.607	34.558	25.497	25.490	31.983	26.286	253.4	0.729	1511.1	5.94
189.	187.9	15.112	15.083	34.563	25.617	25.610	32.117	26.513	238.6	0.751	1509.6	4.55
200.	198.8	14.937	14.907	34.565	25.658	25.650	32.162	26.537	238.6	0.777	1509.3	0.00
210.	208.7	14.263	14.233	34.582	25.816	25.808	32.339	26.741	223.7	0.801	1507.3	4.06
220.	218.7	14.068	14.036	34.570	25.848	25.840	32.376	26.818	220.8	0.823	1506.8	6.75
230.	228.6	13.966	13.933	34.569	25.869	25.861	32.400	26.884	219.1	0.845	1506.7	1.38
240.	238.5	13.879	13.845	34.569	25.887	25.879	32.421	26.947	217.6	0.867	1506.5	2.40
250.	248.5	12.953	12.919	34.565	26.073	26.065	32.633	27.181	199.9	0.888	1503.7	10.95
260.	258.4	12.516	12.481	34.554	26.151	26.143	32.724	27.306	192.5	0.907	1502.3	2.63
270.	268.3	12.083	12.048	34.554	26.234	26.227	32.821	27.436	184.7	0.926	1501.0	4.46
280.	278.2	11.795	11.759	34.551	26.287	26.279	32.882	27.534	179.8	0.944	1500.2	1.86
290.	288.2	11.477	11.440	34.550	26.345	26.338	32.950	27.639	174.3	0.962	1499.3	0.00
300.	298.1	11.110	11.073	34.555	26.416	26.409	33.032	27.757	167.6	0.979	1498.2	0.00
320.	318.0	10.763	10.724	34.539	26.466	26.459	33.093	27.898	163.2	1.012	1497.3	1.07
340.	337.8	10.414	10.373	34.534	26.524	26.517	33.162	28.048	157.9	1.044	1496.3	1.38
359.	356.7	10.085	10.043	34.534	26.581	26.573	33.230	28.211	152.8	1.073	1495.5	0.00
380.	377.5	10.071	10.026	34.537	26.586	26.578	33.235	28.292	152.7	1.106	1495.8	0.00
400.	397.4	9.832	9.786	34.536	26.626	26.618	33.283	28.423	149.2	1.136	1495.3	5.43
420.	417.2	9.500	9.452	34.551	26.694	26.686	33.361	28.583	143.0	1.165	1494.4	1.07
440.	437.1	8.984	8.936	34.563	26.786	26.778	33.471	28.770	134.2	1.193	1492.8	0.00
460.	456.9	8.675	8.626	34.566	26.838	26.830	33.532	28.915	129.4	1.219	1492.0	3.71
480.	476.8	8.453	8.402	34.569	26.875	26.867	33.577	29.044	126.1	1.245	1491.5	3.03
500.	496.6	8.143	8.091	34.572	26.925	26.917	33.637	29.187	121.5	1.269	1490.7	2.05
515.	511.5	7.843	7.790	34.576	26.973	26.965	33.695	29.417	114.4	1.287	1489.8	3.17
536.	532.3	7.645	7.591	34.576	27.001	26.993	33.731	29.512	113.4	1.311	1489.4	1.24
560.	556.1	7.494	7.439	34.578	27.025	27.016	33.760	29.565	112.4	1.339	1489.2	0.00
580.	575.9	7.350	7.293	34.578	27.046	27.037	33.786	29.679	110.5	1.361	1489.0	1.86
600.	595.8	7.057	6.999	34.578	27.086	27.078	33.837	29.814	106.6	1.383	1488.2	2.05
648.	643.4	6.571	6.511	34.577	27.152	27.144	33.920	30.181	99.4	1.433	1487.1	2.23
700.	694.9	6.179	6.116	34.583	27.208	27.200	33.990	30.402	95.4	1.484	1486.4	2.14
750.	744.5	6.015	5.948	34.582	27.229	27.220	34.017	30.651	93.9	1.531	1486.6	0.00
799.	793.0	5.774	5.704	34.585	27.262	27.253	34.059	31.044	86.9	1.576	1486.5	1.59
850.	843.5	5.428	5.356	34.591	27.309	27.301	34.119	31.197	86.6	1.621	1485.9	1.86
900.	893.0	5.177	5.101	34.593	27.341	27.332	34.161	31.460	83.7	1.663	1485.7	1.07
950.	942.5	4.930	4.851	34.596	27.372	27.363	34.201	31.724	80.9	1.705	1485.6	1.72
1000.	992.0	4.759	4.677	34.604	27.399	27.389	34.234	31.981	78.6	1.745	1485.7	0.00
fin	1041.	1032.6	4.634	4.550	34.600	27.409	27.400	34.249	0.000	1.8*****	2.1	

Mean vertical sound speed between 0. et 1041. dbar : 1497.1 m/s  
Reference pressure for gamprf : 1500. dbar

JADE 95 Station 15 - (14 Nov 95)





# STATION 15

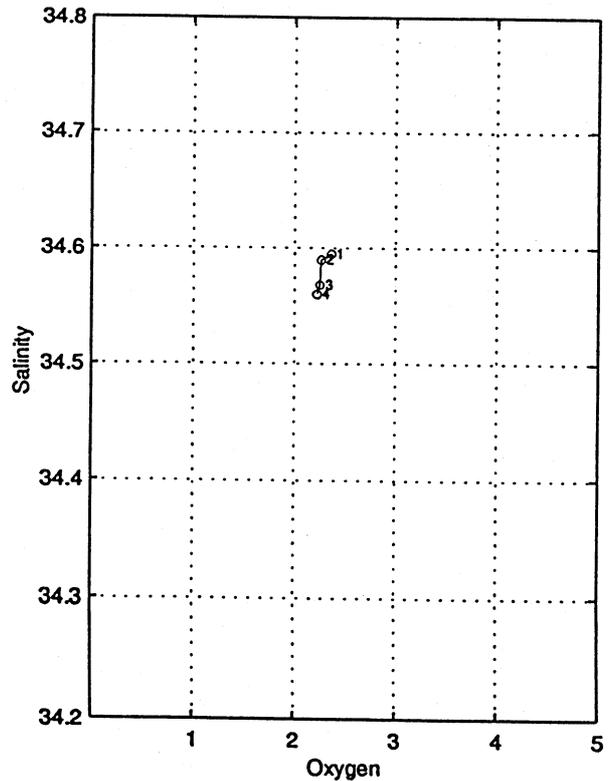
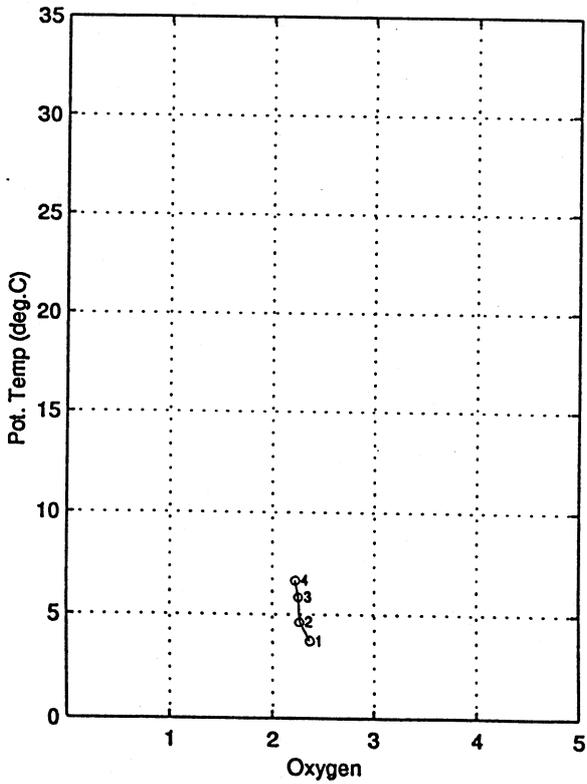
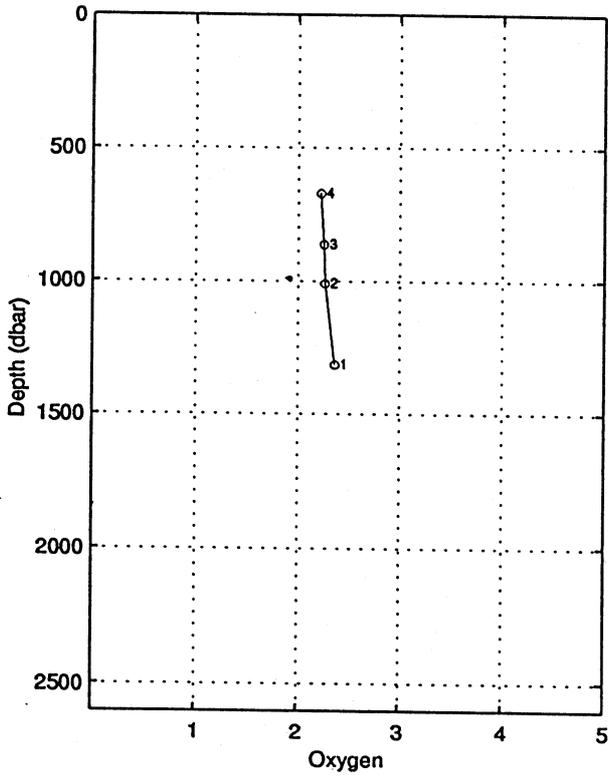
JADE 95

## Oxygen Profile

Bathysonde : Guildline INSU-Brest

Area : South Banda & Timor Sea - Indonesia

Cruise name : JADE95 - R/V Baruna Jaya I



98/10/13  
17:20:51

listacor\_16

1

JADE 95

station : 16.00

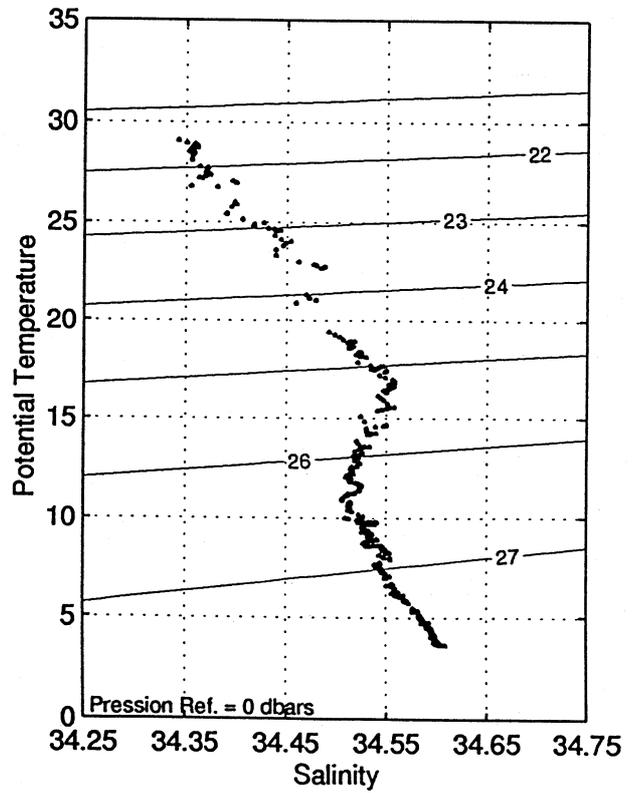
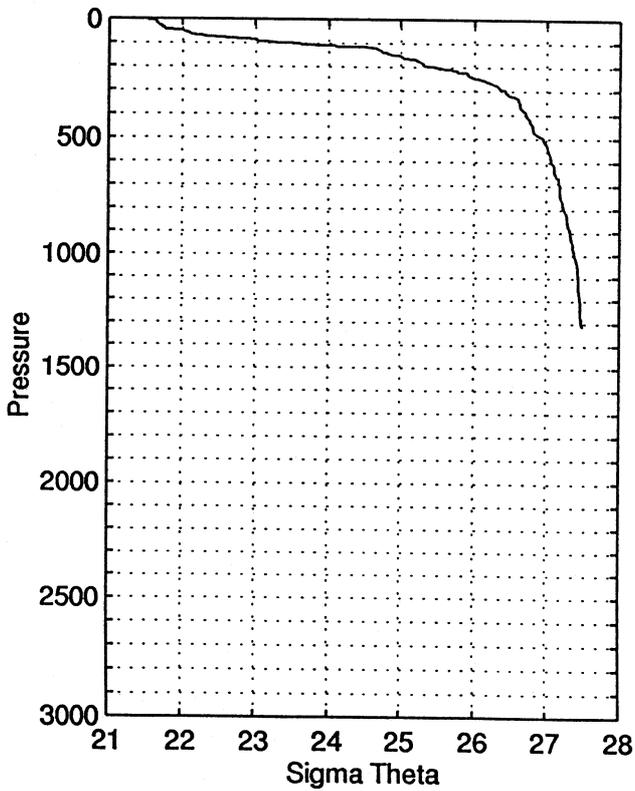
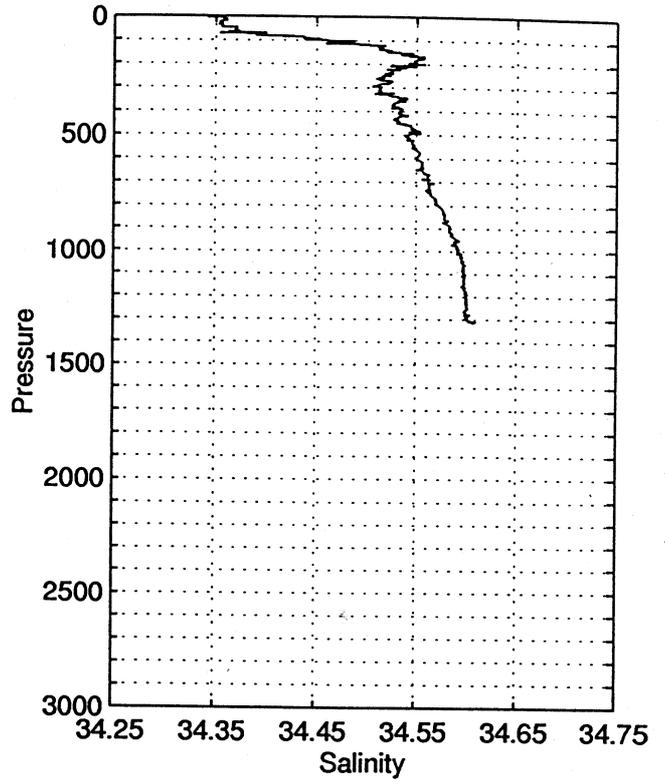
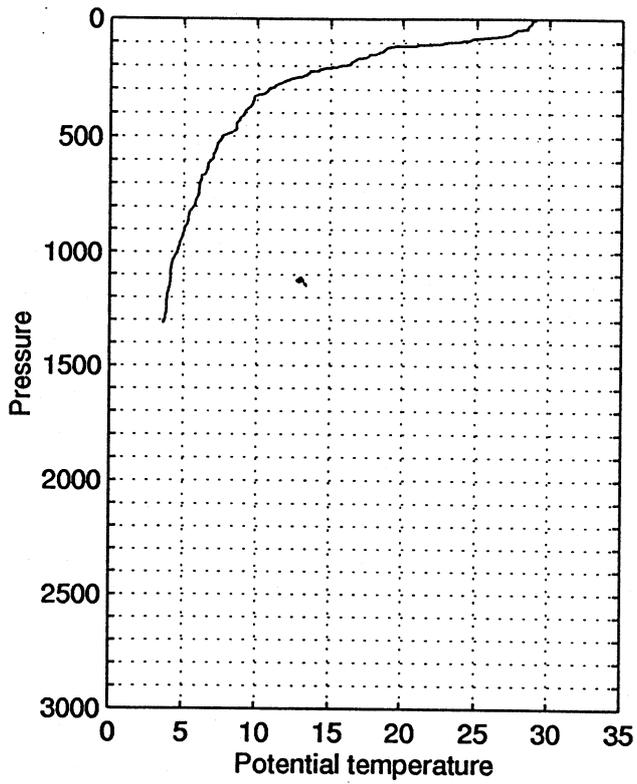
data reduction: 1 dbar

le 14/11/1995 a 8.55 tu -8.0230 126.2740 depth : 1986 m (2007.dbar)

press.	prof	temp.	theta	salin	sigtheta	sigmaammat	gamprf	gapt	avsp	h-dyn	v(sound)	bva
								(*1e5)	(mdyn)		(cph)	
3.	3.0	29.090	29.089	34.342	21.543	21.540	27.739	21.553	625.3	0.000	1543.1	0.00
10.	9.9	28.814	28.812	34.360	21.649	21.645	27.850	21.688	615.5	0.043	1542.6	4.02
20.	19.9	28.720	28.716	34.357	21.678	21.674	27.881	21.760	613.2	0.105	1542.6	0.62
30.	29.8	28.570	28.563	34.355	21.728	21.723	27.933	21.852	608.9	0.166	1542.4	0.00
40.	39.8	28.460	28.450	34.357	21.766	21.761	27.974	21.932	605.7	0.227	1542.3	2.32
50.	49.7	27.704	27.692	34.370	22.023	22.017	28.245	22.232	581.5	0.286	1540.8	3.72
60.	59.7	27.458	27.444	34.370	22.103	22.097	28.329	22.354	574.3	0.344	1540.5	3.56
71.	70.6	26.837	26.821	34.355	22.291	22.284	28.528	22.589	556.8	0.406	1539.2	4.32
80.	79.5	25.797	25.779	34.395	22.647	22.640	28.903	22.984	523.0	0.455	1537.0	10.75
91.	90.5	24.604	24.584	34.443	23.048	23.040	29.327	23.433	485.1	0.509	1534.4	4.36
100.	99.4	23.027	23.006	34.462	23.525	23.518	29.836	23.951	439.7	0.551	1530.6	18.44
110.	109.4	21.333	21.312	34.470	24.006	23.999	30.354	24.478	394.0	0.594	1526.4	17.05
120.	119.3	19.033	19.012	34.507	24.642	24.635	31.042	25.161	333.4	0.630	1520.2	10.82
130.	129.2	18.788	18.765	34.512	24.709	24.702	31.115	25.272	327.4	0.663	1519.7	2.84
141.	140.2	18.417	18.393	34.522	24.810	24.802	31.225	25.421	318.2	0.699	1518.8	9.24
150.	149.1	18.166	18.140	34.526	24.876	24.868	31.297	25.527	312.1	0.727	1518.2	5.43
160.	159.0	17.611	17.584	34.542	25.024	25.016	31.458	25.719	298.3	0.757	1516.8	2.70
170.	169.0	16.876	16.849	34.558	25.212	25.204	31.665	25.953	280.6	0.786	1514.8	5.29
180.	178.9	16.598	16.569	34.555	25.275	25.267	31.736	26.061	274.8	0.814	1514.1	4.87
190.	188.8	16.415	16.384	34.549	25.313	25.305	31.778	26.143	271.5	0.841	1513.7	0.00
200.	198.8	15.784	15.753	34.551	25.459	25.451	31.941	26.335	257.7	0.868	1511.9	11.75
210.	208.7	14.887	14.856	34.528	25.640	25.633	32.147	26.563	240.5	0.893	1509.2	13.80
220.	218.7	14.257	14.225	34.533	25.779	25.772	32.303	26.749	227.4	0.916	1507.4	1.86
230.	228.6	13.602	13.570	34.526	25.911	25.903	32.453	26.927	215.0	0.938	1505.4	2.23
240.	238.5	13.415	13.381	34.519	25.944	25.936	32.491	27.005	212.0	0.960	1505.0	4.27
250.	248.5	12.817	12.783	34.523	26.067	26.060	32.632	27.176	200.3	0.980	1503.1	8.62
260.	258.4	12.264	12.230	34.513	26.168	26.160	32.749	27.324	190.8	1.000	1501.4	0.00
270.	268.3	11.803	11.768	34.520	26.260	26.253	32.855	27.463	182.1	1.019	1500.0	6.16
280.	278.2	11.444	11.409	34.524	26.330	26.323	32.937	27.580	175.5	1.036	1499.0	4.42
290.	288.2	11.222	11.186	34.512	26.362	26.355	32.975	27.658	172.6	1.054	1498.3	2.40
300.	298.1	10.813	10.777	34.515	26.438	26.431	33.064	27.781	165.4	1.071	1497.1	3.33
320.	318.0	10.508	10.470	34.513	26.491	26.484	33.126	27.925	160.7	1.103	1496.3	3.81
340.	337.8	9.843	9.804	34.532	26.620	26.613	33.276	28.148	148.5	1.134	1494.3	0.00
360.	357.7	9.738	9.697	34.532	26.638	26.631	33.298	28.256	147.1	1.163	1494.2	0.00
380.	377.5	9.472	9.429	34.528	26.679	26.672	33.348	28.389	143.5	1.192	1493.6	4.24
400.	397.4	9.201	9.157	34.534	26.728	26.720	33.406	28.530	139.1	1.221	1492.9	1.07
420.	417.2	8.924	8.878	34.537	26.775	26.767	33.462	28.670	134.8	1.248	1492.3	1.24
440.	437.1	8.705	8.658	34.531	26.806	26.798	33.500	28.792	132.1	1.275	1491.8	3.76
460.	456.9	8.659	8.610	34.544	26.823	26.815	33.519	28.900	130.8	1.301	1492.0	2.55
480.	476.8	8.442	8.391	34.547	26.859	26.851	33.562	29.028	127.6	1.327	1491.5	2.40
500.	496.6	7.726	7.676	34.541	26.962	26.954	33.689	29.229	117.5	1.352	1489.1	0.00
519.	515.4	7.541	7.489	34.541	26.988	26.981	33.722	29.374	113.6	1.374	1488.7	0.87
539.	535.3	7.348	7.295	34.547	27.021	27.013	33.761	29.493	111.7	1.396	1488.3	2.05
560.	556.1	7.239	7.184	34.549	27.038	27.030	33.782	29.583	110.7	1.420	1488.2	0.00
580.	575.9	7.091	7.036	34.553	27.062	27.054	33.812	29.699	108.6	1.442	1488.0	1.30
595.	590.8	7.042	6.984	34.549	27.066	27.057	33.817	29.908	104.0	1.458	1488.0	0.00
650.	645.3	6.608	6.548	34.555	27.130	27.122	33.897	30.090	102.7	1.515	1487.3	0.00
700.	694.9	6.179	6.115	34.562	27.192	27.184	33.975	30.386	96.9	1.565	1486.4	1.38
750.	744.5	6.091	6.023	34.564	27.205	27.197	33.991	30.627	96.2	1.613	1486.9	1.75
802.	796.0	5.770	5.700	34.573	27.253	27.244	34.050	30.916	91.9	1.662	1486.5	2.58
850.	843.5	5.435	5.362	34.578	27.298	27.289	34.108	31.185	87.6	1.705	1485.9	0.00
900.	893.0	5.148	5.072	34.584	27.337	27.328	34.157	31.457	84.1	1.748	1485.6	0.62
956.	948.5	4.861	4.783	34.593	27.378	27.369	34.209	31.758	80.3	1.794	1485.4	1.92
1000.	992.0	4.679	4.598	34.592	27.398	27.389	34.236	31.982	78.4	1.829	1485.4	1.38
1049.	1040.5	4.330	4.248	34.595	27.438	27.429	34.290	32.283	73.8	1.867	1484.7	0.00
1100.	1091.0	4.227	4.141	34.597	27.451	27.442	34.307	32.501	73.4	1.904	1485.2	0.00
1150.	1140.4	4.167	4.077	34.598	27.458	27.449	34.317	32.737	73.0	1.941	1485.7	1.07
1200.	1189.9	4.008	3.916	34.599	27.476	27.467	34.341	32.987	71.4	1.977	1485.9	0.87
1250.	1239.3	3.958	3.861	34.602	27.484	27.474	34.351	33.222	71.0	2.012	1486.5	1.64
1300.	1288.7	3.826	3.726	34.601	27.497	27.487	34.369	33.466	69.8	2.048	1486.8	0.87
fin	1315.	1303.5	3.771	3.671	34.608	27.508	27.497	34.382	0.000	2.1*****	1.7	

Mean vertical sound speed between 3. et 1315. dbar : 1495.1 m/s  
Reference pressure for gamprf : 1500. dbar

JADE 95 Station 16 - (14 Nov 95)



98/10/13  
17:27:05

listacor 17

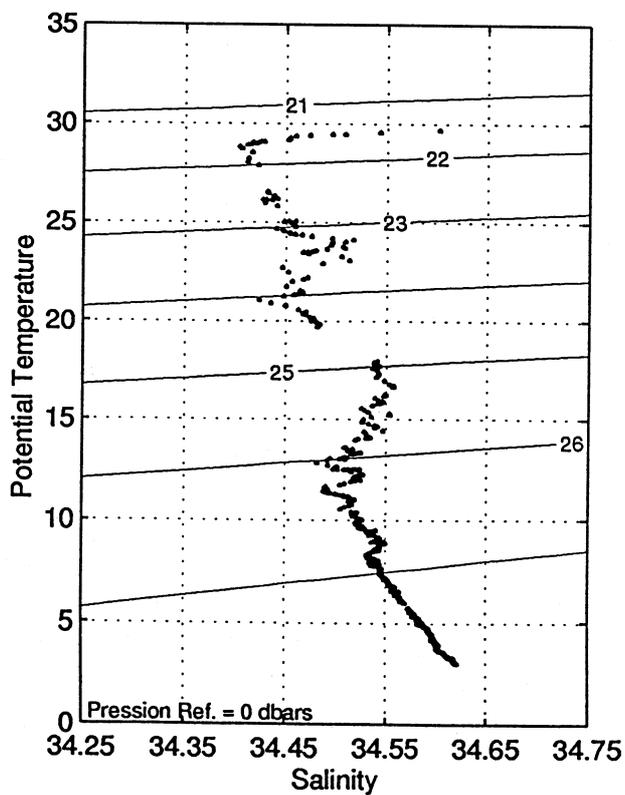
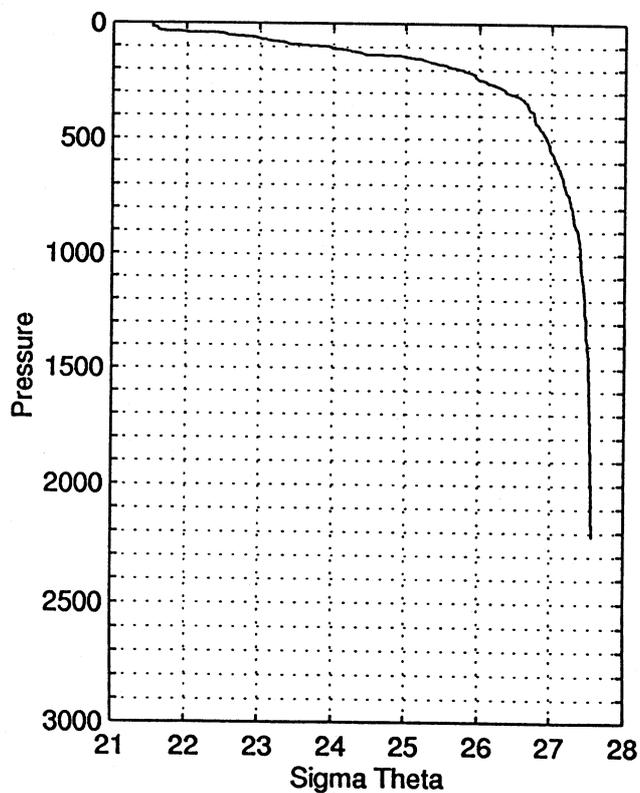
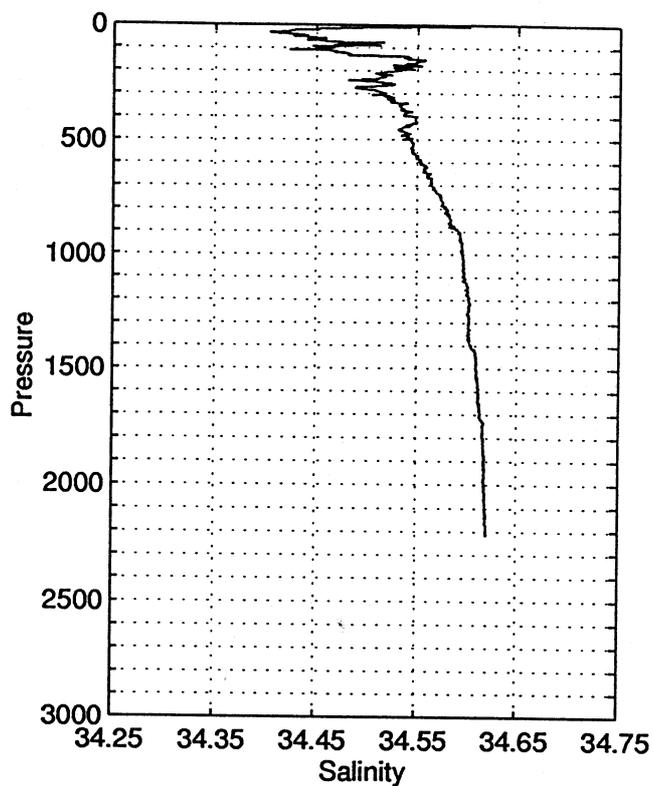
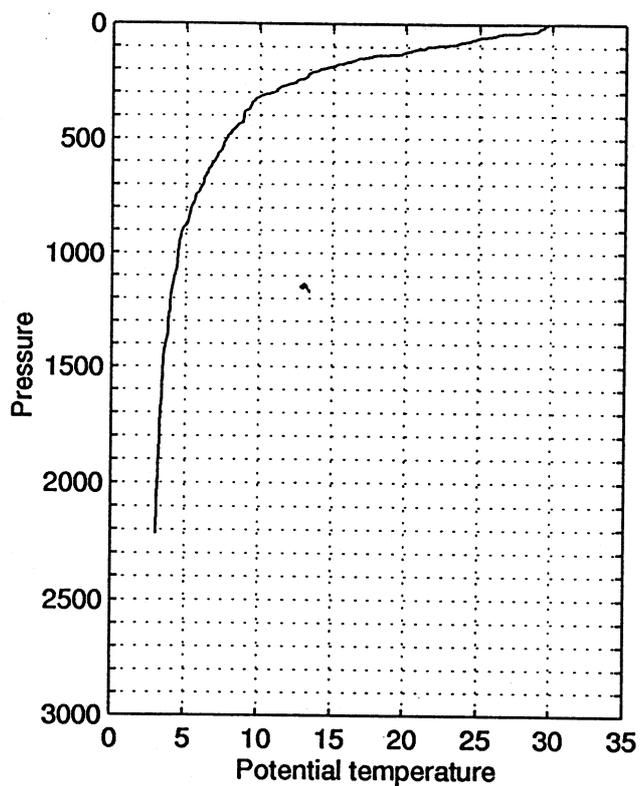
1

JADE 95 station : 17.00 data reduction: 1 dbar  
le 14/11/1995 a 11.58 tu -8.1116 126.2688 depth : 3320 m (3365.dbar)

press.	prof	temp.	theta	salin	sigtheta	sigmaanmat	gamprf	gapt5	avsp	h-dyn	v(sound)	bva
								(*1e5)	(mdyn)	(cph)		
4.	4.0	29.688	29.687	34.602	21.537	21.534	27.721	21.551	625.9	0.000	1544.6	0.00
10.	9.9	29.470	29.468	34.508	21.540	21.537	27.729	21.580	625.9	0.038	1544.2	2.57
18.	17.9	29.164	29.159	34.452	21.602	21.598	27.797	21.705	619.8	0.088	1543.6	10.09
30.	29.8	28.978	28.970	34.420	21.641	21.636	27.839	21.765	617.2	0.162	1543.4	8.18
42.	41.8	26.552	26.542	34.432	22.437	22.432	28.678	22.612	541.5	0.233	1538.2	18.45
50.	49.7	26.144	26.132	34.436	22.568	22.563	28.818	22.778	529.2	0.276	1537.4	6.44
60.	59.7	25.059	25.045	34.448	22.912	22.906	29.182	23.165	496.7	0.327	1535.0	3.45
70.	69.6	24.484	24.469	34.453	23.090	23.084	29.371	23.386	480.1	0.376	1533.7	8.88
80.	79.5	23.897	23.880	34.495	23.296	23.289	29.589	23.635	460.9	0.423	1532.5	10.60
90.	89.5	23.314	23.295	34.505	23.475	23.468	29.779	23.857	444.2	0.468	1531.2	14.20
100.	99.4	21.496	21.477	34.467	23.959	23.953	30.303	24.387	398.1	0.510	1526.6	8.74
110.	109.4	21.088	21.067	34.424	24.039	24.031	30.392	24.510	390.9	0.550	1525.6	10.33
120.	119.3	20.329	20.307	34.470	24.278	24.271	30.648	24.794	368.4	0.587	1523.8	7.81
131.	130.2	19.779	19.756	34.482	24.432	24.424	30.815	24.996	354.0	0.627	1522.5	5.35
140.	139.2	17.858	17.834	34.537	24.960	24.953	31.388	25.568	303.7	0.656	1517.2	6.75
150.	149.1	17.171	17.146	34.540	25.127	25.120	31.573	25.781	288.0	0.686	1515.3	8.49
157.	156.1	16.673	16.647	34.556	25.257	25.251	31.716	26.053	268.4	0.706	1513.9	1.07
170.	169.0	15.945	15.918	34.546	25.418	25.411	31.895	26.162	260.7	0.740	1511.9	6.64
180.	178.9	15.296	15.269	34.553	25.569	25.562	32.064	26.359	246.5	0.766	1510.1	4.67
190.	188.8	14.819	14.791	34.533	25.658	25.651	32.166	26.494	238.2	0.790	1508.7	9.61
200.	198.8	14.149	14.120	34.534	25.803	25.796	32.329	26.685	224.5	0.814	1506.7	3.71
212.	210.7	13.651	13.621	34.509	25.887	25.880	32.428	26.824	216.7	0.840	1505.3	5.53
220.	218.7	13.379	13.348	34.525	25.955	25.948	32.504	26.929	210.3	0.857	1504.5	3.71
230.	228.6	13.317	13.285	34.516	25.961	25.954	32.512	26.980	210.0	0.878	1504.5	1.75
240.	238.5	13.078	13.045	34.504	26.000	25.993	32.558	27.064	206.5	0.899	1503.8	6.49
250.	248.4	12.545	12.512	34.509	26.109	26.102	32.683	27.220	196.2	0.919	1502.2	4.87
260.	258.4	12.333	12.298	34.524	26.163	26.156	32.742	27.319	191.3	0.939	1501.7	8.57
270.	268.3	11.790	11.756	34.505	26.251	26.244	32.847	27.454	182.9	0.957	1500.0	2.14
280.	278.2	11.384	11.348	34.494	26.318	26.311	32.926	27.568	176.6	0.975	1498.7	4.55
290.	288.2	11.213	11.177	34.511	26.363	26.356	32.977	27.659	172.5	0.993	1498.3	2.55
300.	298.1	10.980	10.943	34.513	26.407	26.400	33.028	27.749	168.4	1.010	1497.7	2.97
320.	318.0	10.038	10.000	34.525	26.581	26.574	33.231	28.018	151.8	1.042	1494.7	3.03
340.	337.8	9.635	9.596	34.526	26.651	26.644	33.314	28.180	145.4	1.071	1493.5	4.37
360.	357.7	9.425	9.384	34.534	26.691	26.684	33.361	28.312	141.9	1.100	1493.1	2.05
380.	377.5	9.106	9.064	34.544	26.751	26.744	33.432	28.465	136.3	1.128	1492.3	4.29
400.	397.4	8.990	8.947	34.549	26.774	26.766	33.458	28.578	134.6	1.155	1492.2	2.23
420.	417.2	8.943	8.897	34.549	26.782	26.774	33.468	28.676	134.2	1.182	1492.3	1.52
440.	437.1	8.601	8.554	34.544	26.832	26.824	33.529	28.819	129.5	1.208	1491.4	2.05
460.	456.9	8.319	8.271	34.535	26.868	26.860	33.575	28.949	126.2	1.234	1490.7	4.06
480.	476.8	8.077	8.028	34.539	26.908	26.900	33.623	29.081	122.6	1.259	1490.1	0.00
500.	496.6	7.826	7.775	34.536	26.943	26.935	33.667	29.209	119.4	1.283	1489.5	1.64
521.	517.4	7.608	7.556	34.546	26.983	26.975	33.714	29.347	115.7	1.308	1489.0	2.72
540.	536.3	7.553	7.500	34.544	26.989	26.981	33.723	29.439	115.4	1.330	1489.1	2.07
559.	555.1	7.391	7.336	34.545	27.014	27.006	33.753	29.580	111.9	1.351	1488.8	0.00
580.	575.9	7.172	7.115	34.550	27.049	27.041	33.795	29.684	110.0	1.375	1488.3	1.96
600.	595.8	6.962	6.905	34.554	27.081	27.073	33.835	29.810	107.0	1.396	1487.8	2.23
648.	643.4	6.573	6.513	34.564	27.141	27.133	33.909	30.129	100.4	1.446	1487.1	2.55
696.	690.9	6.267	6.204	34.564	27.182	27.173	33.961	30.439	95.8	1.494	1486.7	1.64
750.	744.5	5.739	5.673	34.574	27.257	27.249	34.055	30.685	90.8	1.545	1485.5	1.64
800.	794.0	5.439	5.371	34.580	27.299	27.291	34.108	30.959	87.0	1.590	1485.1	2.72
850.	843.5	5.277	5.205	34.585	27.322	27.314	34.138	31.213	85.1	1.633	1485.3	0.62
900.	893.0	4.860	4.786	34.592	27.376	27.368	34.208	31.503	79.7	1.674	1484.4	1.96
950.	942.5	4.647	4.571	34.595	27.403	27.395	34.243	31.761	77.3	1.713	1484.4	0.87
1000.	992.0	4.579	4.499	34.596	27.411	27.402	34.253	31.998	76.9	1.752	1485.0	0.62
1050.	1041.5	4.542	4.458	34.597	27.417	27.407	34.260	32.232	76.9	1.791	1485.6	0.62
1100.	1091.0	4.365	4.278	34.598	27.437	27.428	34.288	32.484	75.0	1.829	1485.7	1.86
1150.	1140.4	4.199	4.109	34.601	27.458	27.448	34.315	32.735	73.2	1.865	1485.9	0.00
1200.	1189.8	4.088	3.995	34.603	27.471	27.461	34.332	32.979	72.1	1.902	1486.2	0.87
1250.	1239.3	4.046	3.949	34.602	27.475	27.465	34.339	33.211	72.1	1.938	1486.9	0.00
1300.	1288.7	3.941	3.840	34.603	27.487	27.476	34.354	33.452	71.1	1.974	1487.3	0.87
1400.	1387.5	3.763	3.655	34.604	27.507	27.496	34.381	33.930	69.6	2.044	1488.2	0.00
1500.	1486.3	3.607	3.492	34.610	27.527	27.516	34.408	34.408	68.0	2.113	1489.2	1.38
1600.	1585.0	3.546	3.423	34.612	27.536	27.523	34.419	34.870	67.8	2.181	1490.7	0.00
1700.	1683.6	3.488	3.356	34.614	27.543	27.531	34.430	35.331	67.7	2.248	1492.1	0.00
1800.	1782.2	3.431	3.292	34.618	27.553	27.539	34.442	35.791	67.4	2.316	1493.5	0.00
1900.	1880.8	3.375	3.227	34.618	27.559	27.545	34.450	36.249	67.3	2.383	1495.0	0.00
2000.	1979.3	3.326	3.170	34.619	27.565	27.550	34.459	36.705	67.3	2.450	1496.4	0.00
2100.	2077.8	3.269	3.104	34.620	27.572	27.556	34.468	37.162	67.2	2.518	1497.9	1.07
2200.	2176.2	3.236	3.062	34.621	27.577	27.560	34.475	37.614	67.3	2.585	1499.4	0.00
fin	2216.	2192.0	3.224	3.049	34.621	27.578	27.562	34.477	0.000	2.6*****	0.6	

Mean vertical sound speed between 4. et 2216. dbar : 1493.9 m/s  
Reference pressure for gamprf : 1500. dbar

JADE 95 Station 17 - (14 Nov 95)



# STATION 17

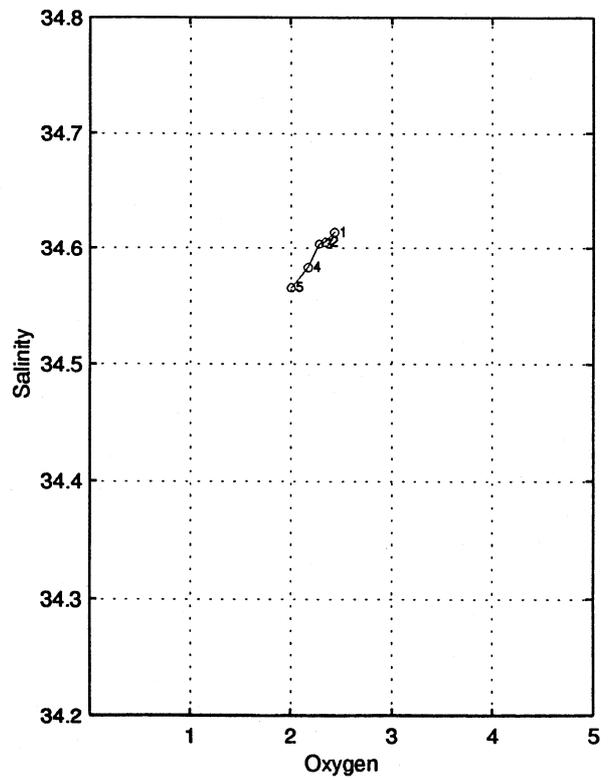
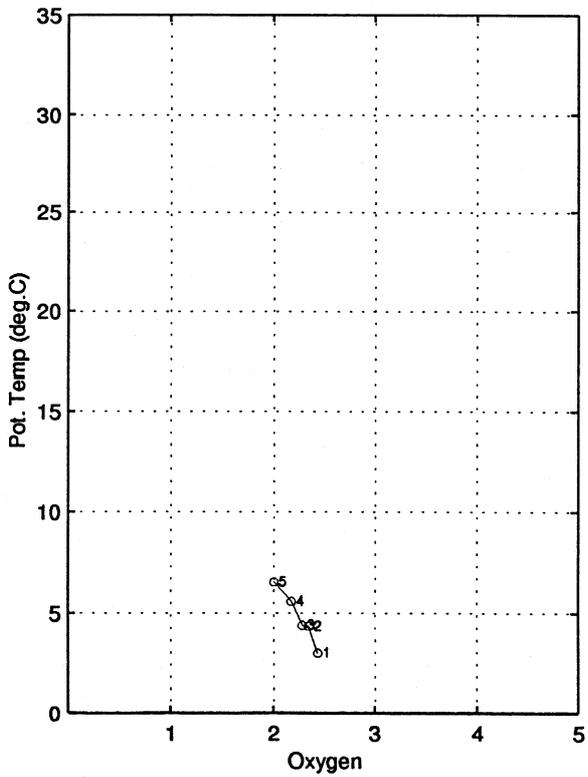
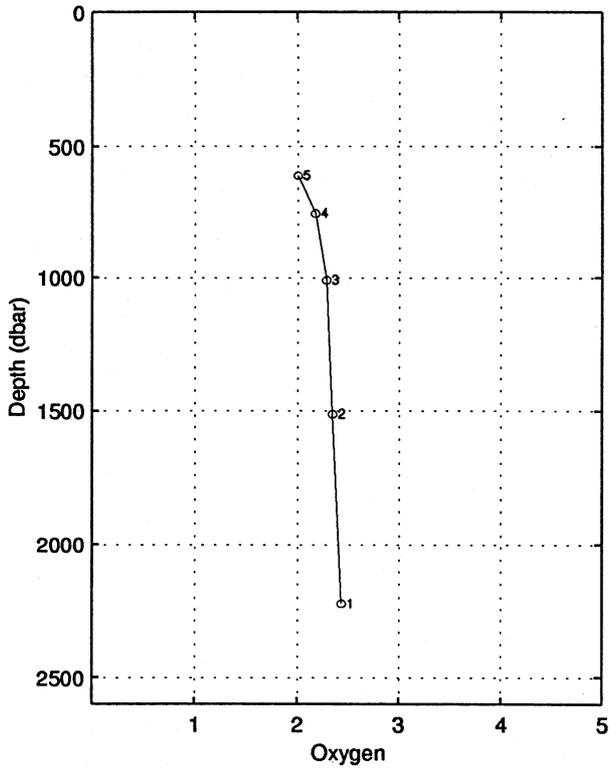
JADE 95

## Oxygen Profile

Bathysonde : Guildline INSU-Brest

Area : South Banda & Timor Sea - Indonesia

Cruise name : JADE95 - R/V Baruna Jaya I



98/10/13  
17:39:03

listacor\_18

1

JADE 95

station : 18.00

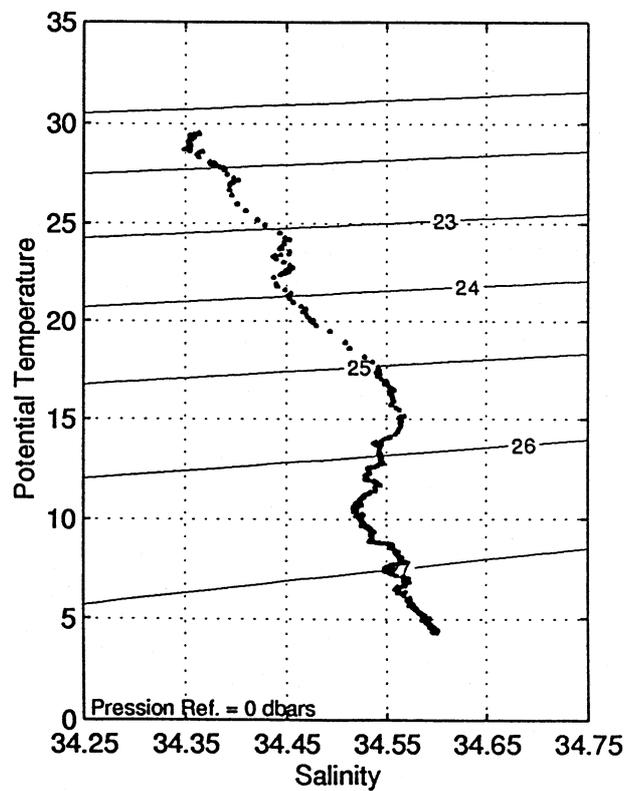
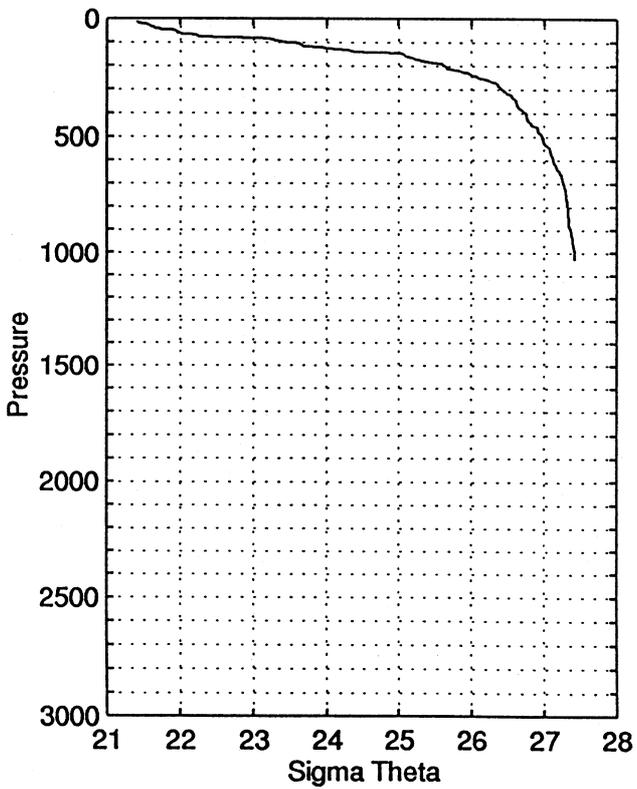
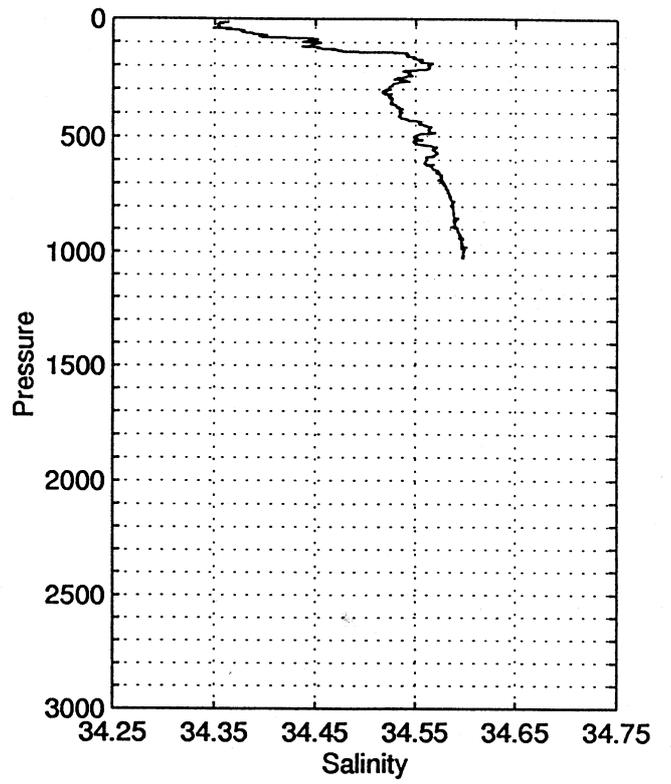
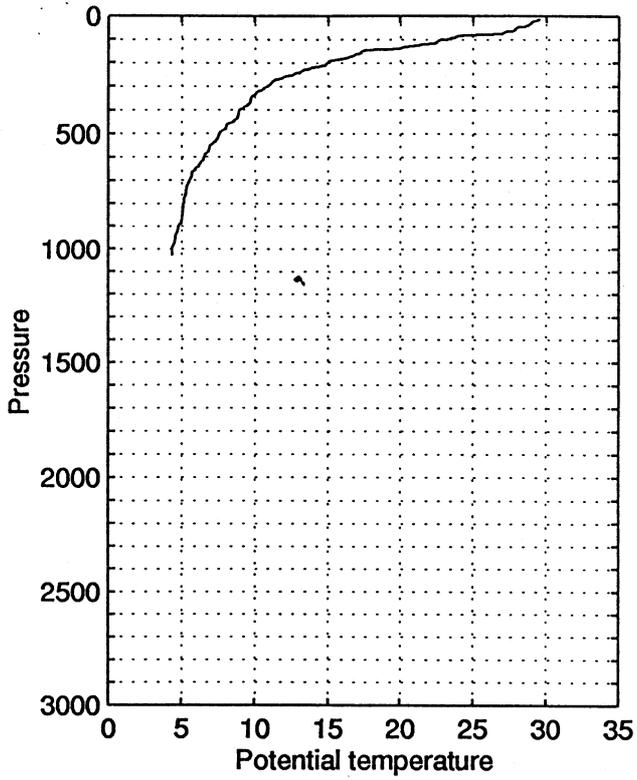
data reduction: 1 dbar

le 14/11/1995 a 15.23 tu -8.2228 126.2531 depth : 1202 m (1212.dbar)

press.	prof	temp.	theta	salin	sigtheta	sigmaamat	gamprf	gapt5	avsp	h-dyn	v(sound)	bva
								(*1e5)	(mdyn)		(cph)	
12.	11.9	29.514	29.511	34.363	21.417	21.414	27.607	21.465	637.8	0.000	1544.1	0.00
20.	19.9	29.328	29.323	34.358	21.477	21.473	27.669	21.558	632.5	0.051	1543.9	8.41
30.	29.8	28.977	28.970	34.354	21.591	21.587	27.790	21.715	621.9	0.113	1543.3	1.96
40.	39.8	28.727	28.718	34.349	21.671	21.666	27.875	21.837	614.8	0.175	1542.9	5.83
50.	49.7	28.008	27.997	34.379	21.931	21.925	28.147	22.140	590.3	0.236	1541.5	5.92
60.	59.7	27.886	27.872	34.382	21.974	21.967	28.191	22.224	586.7	0.295	1541.4	4.96
70.	69.6	27.121	27.105	34.397	22.233	22.225	28.464	22.526	562.3	0.352	1539.9	5.56
80.	79.5	25.668	25.651	34.409	22.698	22.690	28.956	23.035	518.2	0.407	1536.7	18.73
90.	89.5	23.793	23.774	34.444	23.289	23.281	29.584	23.671	462.0	0.455	1532.4	4.29
100.	99.4	23.229	23.209	34.439	23.450	23.442	29.757	23.875	447.0	0.501	1531.1	10.97
110.	109.4	22.539	22.517	34.450	23.656	23.648	29.977	24.125	427.6	0.544	1529.5	4.06
120.	119.3	21.817	21.794	34.441	23.852	23.844	30.189	24.365	409.2	0.586	1527.8	10.86
130.	129.2	20.670	20.645	34.470	24.187	24.179	30.550	24.746	377.4	0.626	1524.9	10.51
140.	139.2	19.808	19.782	34.480	24.423	24.415	30.806	25.027	355.2	0.662	1522.7	11.75
150.	149.1	17.405	17.380	34.542	25.073	25.066	31.513	25.725	293.2	0.694	1516.0	5.57
160.	159.0	17.277	17.251	34.541	25.104	25.096	31.547	25.800	290.6	0.723	1515.8	3.45
170.	169.0	16.819	16.791	34.548	25.218	25.210	31.672	25.959	280.0	0.751	1514.6	3.10
180.	178.9	16.303	16.274	34.553	25.342	25.334	31.810	26.129	268.4	0.779	1513.2	7.48
191.	189.8	15.186	15.157	34.568	25.605	25.597	32.103	26.443	243.4	0.807	1509.9	10.78
200.	198.8	15.035	15.005	34.564	25.635	25.628	32.137	26.514	240.7	0.829	1509.6	6.86
210.	208.7	14.869	14.838	34.564	25.672	25.664	32.178	26.595	237.5	0.853	1509.2	2.14
220.	218.7	14.065	14.033	34.548	25.832	25.824	32.361	26.802	222.3	0.876	1506.8	5.87
230.	228.6	13.384	13.352	34.542	25.968	25.961	32.516	26.986	209.4	0.897	1504.7	8.14
240.	238.5	13.147	13.114	34.544	26.017	26.010	32.573	27.081	204.9	0.918	1504.1	3.71
250.	248.4	12.693	12.660	34.538	26.103	26.096	32.672	27.213	196.8	0.938	1502.8	2.77
260.	258.4	12.018	11.984	34.532	26.229	26.222	32.818	27.387	184.8	0.957	1500.6	6.00
270.	268.3	11.542	11.508	34.539	26.324	26.317	32.927	27.529	175.9	0.975	1499.2	8.73
280.	278.2	11.236	11.201	34.528	26.372	26.365	32.984	27.622	171.4	0.993	1498.2	3.71
290.	288.2	11.110	11.074	34.525	26.393	26.386	33.009	27.689	169.6	1.010	1498.0	2.63
300.	298.1	10.898	10.861	34.523	26.430	26.422	33.052	27.772	166.3	1.027	1497.4	2.05
320.	318.0	10.315	10.277	34.526	26.534	26.527	33.176	27.969	156.5	1.059	1495.7	7.37
340.	337.8	9.896	9.857	34.526	26.607	26.600	33.261	28.134	149.8	1.090	1494.5	6.63
360.	357.7	9.749	9.708	34.527	26.632	26.625	33.292	28.251	147.7	1.119	1494.3	1.38
380.	377.5	9.566	9.523	34.534	26.668	26.661	33.333	28.378	144.6	1.149	1494.0	2.47
400.	397.4	9.015	8.971	34.534	26.758	26.750	33.441	28.562	136.1	1.177	1492.3	3.55
420.	417.2	8.934	8.888	34.535	26.772	26.765	33.459	28.667	135.0	1.204	1492.3	0.00
440.	437.1	8.744	8.697	34.556	26.819	26.811	33.511	28.805	130.9	1.230	1492.0	3.86
460.	456.9	8.191	8.143	34.563	26.910	26.902	33.621	28.992	122.1	1.256	1490.2	3.15
480.	476.8	8.068	8.019	34.564	26.929	26.921	33.644	29.102	120.6	1.280	1490.1	1.64
500.	496.6	7.635	7.585	34.549	26.981	26.974	33.712	29.250	115.5	1.304	1488.8	2.14
520.	516.4	7.506	7.454	34.550	27.000	26.993	33.735	29.361	113.9	1.327	1488.6	0.00
541.	537.3	7.163	7.111	34.566	27.062	27.054	33.808	29.521	108.1	1.350	1487.6	4.44
560.	556.1	6.949	6.896	34.569	27.094	27.086	33.848	29.642	105.1	1.370	1487.1	1.38
580.	575.9	6.811	6.756	34.568	27.112	27.104	33.871	29.752	103.6	1.391	1486.9	2.45
600.	595.8	6.606	6.550	34.561	27.135	27.127	33.901	29.869	101.5	1.412	1486.4	0.62
650.	645.3	6.010	5.952	34.572	27.221	27.213	34.009	30.190	93.2	1.461	1484.9	2.23
700.	694.9	5.586	5.526	34.580	27.280	27.272	34.083	30.483	87.7	1.506	1484.1	0.00
750.	744.4	5.372	5.309	34.585	27.310	27.302	34.122	30.745	85.1	1.549	1484.0	1.38
800.	794.0	5.204	5.137	34.588	27.333	27.325	34.151	30.998	83.3	1.591	1484.2	1.79
850.	843.5	5.130	5.059	34.590	27.343	27.335	34.164	31.237	82.8	1.633	1484.7	0.62
900.	893.0	4.872	4.799	34.592	27.375	27.366	34.206	31.501	79.9	1.674	1484.5	0.00
950.	942.5	4.677	4.600	34.597	27.401	27.393	34.240	31.759	77.6	1.713	1484.5	0.00
1000.	992.0	4.441	4.362	34.598	27.428	27.420	34.276	32.019	75.0	1.751	1484.4	1.07
fin	1029.	1020.7	4.433	4.351	34.598	27.429	27.420	34.277	0.000	1.8*****	0.0	

Mean vertical sound speed between 12. et 1029. dbar : 1496.5 m/s  
Reference pressure for gamprf : 1500. dbar

JADE 95 Station 18 - (14 Nov 95)





# STATION 18

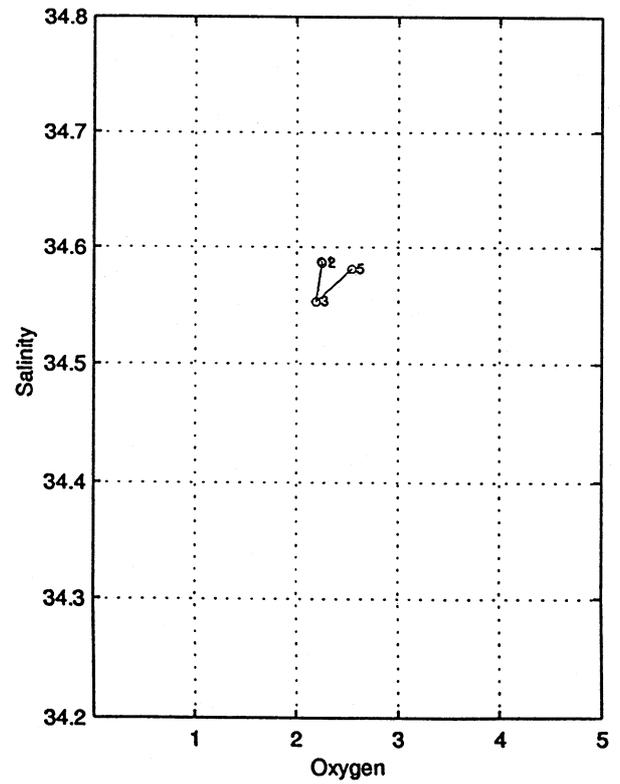
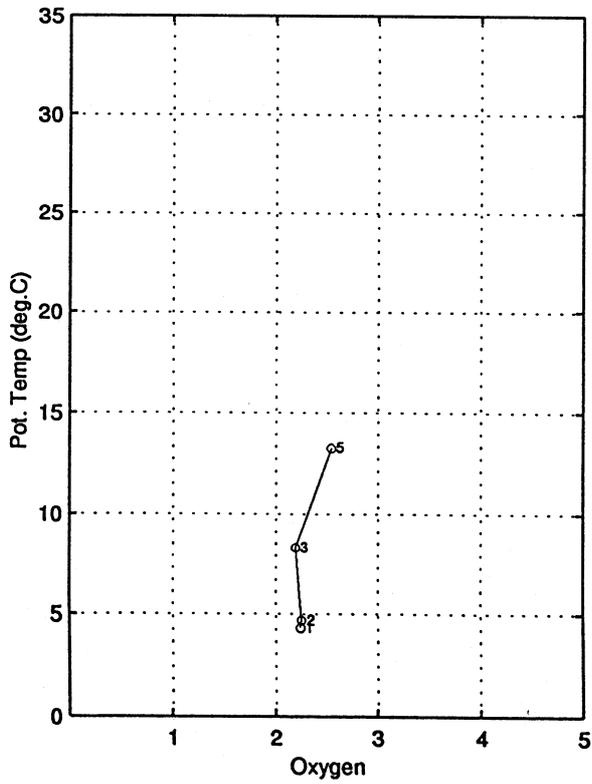
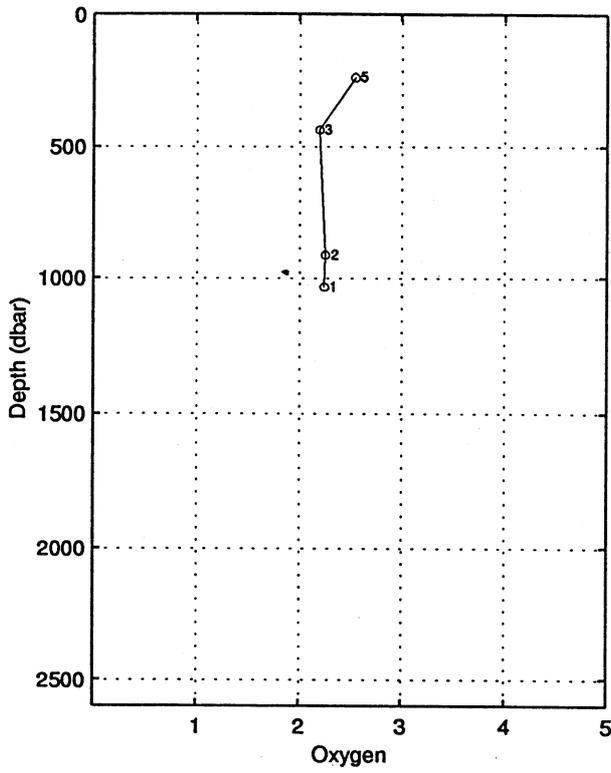
JADE 95

## Oxygen Profile

Bathysonde : Guildline INSU-Brest

Area : South Banda & Timor Sea - Indonesia

Cruise name : JADE95 - R/V Baruna Jaya I



98/10/13  
17:40:01

listacor\_19

1

JADE 95

station : 19.00

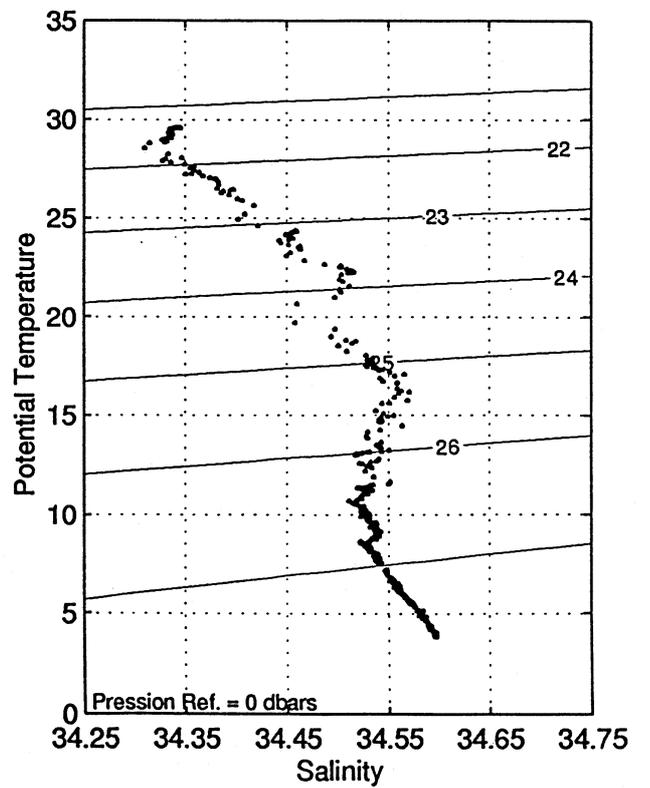
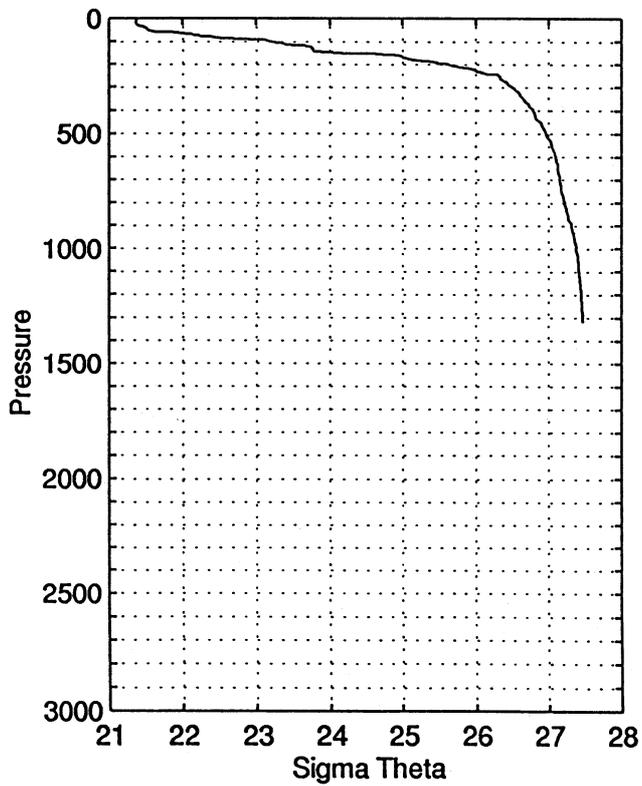
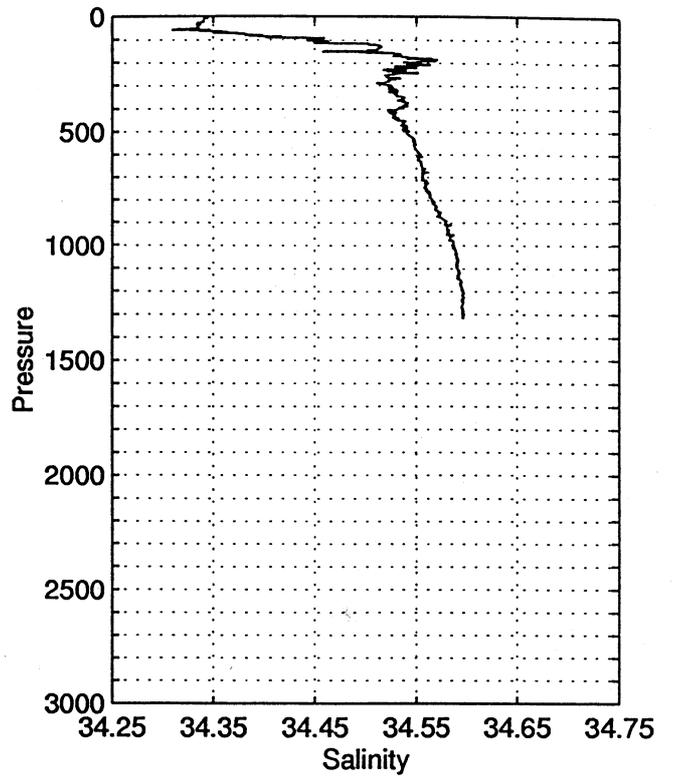
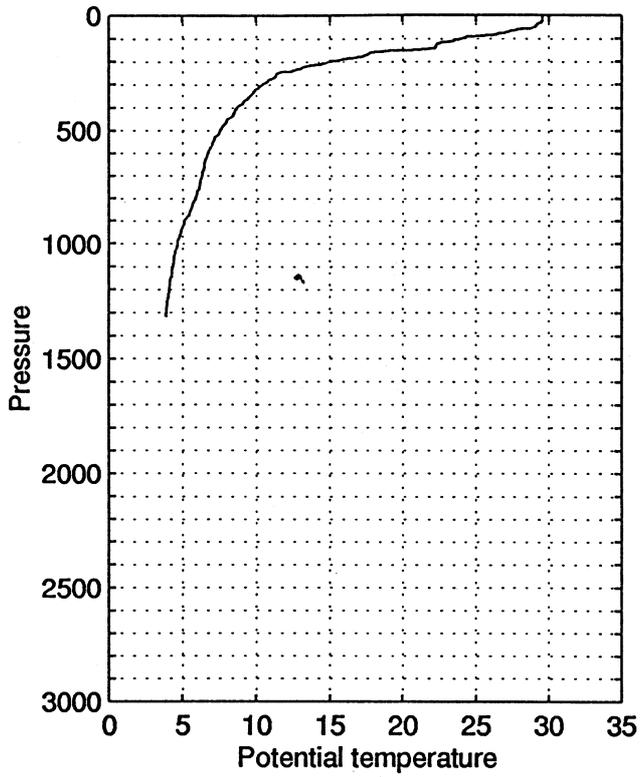
data reduction: 1 dbar

le 14/11/1995 a 19.50 tu -8.1890 125.5816 depth : 3320 m (3365.dbar)

press.	prof	temp.	theta	salin	sigtheta	sigmaamat	gamprf	gapt	avsp	h-dyn	v(sound)	bva
									(*1e5)	(mdyn)	(cph)	
1.	1.0	29.586	29.586	34.345	21.378	21.376	27.567	21.380	641.0	0.000	1544.1	0.00
10.	9.9	29.587	29.584	34.341	21.376	21.373	27.564	21.415	641.7	0.058	1544.2	0.88
20.	19.9	29.588	29.583	34.340	21.375	21.371	27.564	21.457	642.2	0.122	1544.4	0.00
30.	29.8	29.482	29.474	34.336	21.409	21.404	27.600	21.533	639.4	0.186	1544.3	3.72
40.	39.8	29.184	29.175	34.335	21.509	21.503	27.704	21.674	630.4	0.249	1543.9	3.10
50.	49.7	29.076	29.064	34.334	21.545	21.538	27.742	21.752	627.4	0.312	1543.8	1.75
60.	59.7	28.029	28.015	34.331	21.889	21.882	28.104	22.139	594.9	0.374	1541.7	4.66
70.	69.6	27.265	27.249	34.350	22.151	22.144	28.380	22.444	570.2	0.432	1540.2	3.34
80.	79.5	26.467	26.449	34.396	22.440	22.432	28.683	22.776	542.9	0.488	1538.6	0.62
90.	89.5	24.628	24.609	34.421	23.024	23.016	29.302	23.405	487.4	0.540	1534.4	19.14
100.	99.4	24.051	24.030	34.453	23.220	23.212	29.510	23.644	469.0	0.588	1533.2	6.73
110.	109.4	23.509	23.486	34.464	23.388	23.380	29.689	23.855	453.3	0.634	1532.0	5.47
120.	119.3	22.533	22.509	34.503	23.698	23.690	30.020	24.210	424.0	0.677	1529.7	5.89
130.	129.2	22.300	22.274	34.515	23.774	23.765	30.100	24.329	417.1	0.719	1529.3	2.84
140.	139.2	22.257	22.229	34.512	23.785	23.775	30.112	24.383	416.5	0.761	1529.3	2.32
151.	150.1	19.744	19.717	34.458	24.424	24.415	30.808	25.075	355.5	0.805	1522.7	19.85
160.	159.0	17.962	17.935	34.534	24.932	24.925	31.359	25.627	307.0	0.834	1517.8	10.02
170.	169.0	17.596	17.567	34.527	25.017	25.009	31.452	25.756	299.3	0.864	1516.9	0.00
180.	178.9	17.029	17.000	34.556	25.174	25.166	31.624	25.959	284.5	0.893	1515.4	6.16
190.	188.8	15.796	15.766	34.569	25.470	25.462	31.951	26.302	256.4	0.921	1511.8	11.83
200.	198.8	14.949	14.919	34.543	25.638	25.630	32.142	26.517	240.5	0.946	1509.3	3.87
209.	207.7	14.513	14.482	34.563	25.748	25.741	32.264	26.711	227.4	0.967	1508.1	13.12
220.	218.7	13.442	13.411	34.541	25.955	25.948	32.502	26.928	210.4	0.991	1504.7	6.16
230.	228.6	13.060	13.028	34.520	26.016	26.009	32.573	27.035	204.8	1.012	1503.6	4.75
240.	238.5	12.477	12.445	34.529	26.138	26.131	32.713	27.205	193.1	1.032	1501.8	5.74
250.	248.4	11.453	11.422	34.529	26.333	26.326	32.938	27.449	174.5	1.050	1498.5	4.03
260.	258.4	11.374	11.341	34.521	26.341	26.334	32.949	27.502	174.0	1.067	1498.4	0.88
270.	268.3	11.201	11.168	34.527	26.377	26.370	32.990	27.583	170.7	1.084	1498.0	2.63
280.	278.2	10.843	10.809	34.523	26.439	26.432	33.063	27.692	164.9	1.101	1496.9	3.33
290.	288.2	10.708	10.673	34.519	26.460	26.453	33.089	27.758	163.0	1.118	1496.5	5.50
300.	298.1	10.457	10.422	34.522	26.506	26.500	33.143	27.851	158.7	1.134	1495.8	0.00
320.	318.0	9.995	9.958	34.532	26.594	26.587	33.245	28.031	150.6	1.165	1494.5	4.55
340.	337.8	9.768	9.729	34.531	26.632	26.625	33.291	28.161	147.3	1.194	1494.0	3.33
360.	357.7	9.488	9.447	34.535	26.682	26.675	33.350	28.303	142.8	1.223	1493.3	2.62
380.	377.5	9.156	9.114	34.541	26.741	26.734	33.420	28.454	137.4	1.251	1492.5	2.84
400.	397.4	8.753	8.710	34.531	26.797	26.790	33.490	28.604	132.1	1.278	1491.3	1.86
420.	417.2	8.583	8.538	34.527	26.821	26.813	33.519	28.719	130.1	1.304	1491.0	2.97
440.	437.1	8.409	8.363	34.528	26.849	26.841	33.552	28.838	127.7	1.330	1490.7	3.81
460.	456.9	8.038	7.991	34.538	26.912	26.905	33.629	28.996	121.7	1.355	1489.6	2.62
480.	476.8	7.829	7.781	34.537	26.943	26.936	33.667	29.119	119.0	1.379	1489.2	3.09
500.	496.6	7.623	7.573	34.540	26.976	26.968	33.706	29.244	116.1	1.402	1488.7	0.00
513.	509.5	7.542	7.491	34.542	26.989	26.982	33.723	29.433	110.7	1.417	1488.6	0.87
540.	536.3	7.209	7.157	34.548	27.041	27.033	33.786	29.495	110.1	1.448	1487.8	0.00
558.	554.1	7.098	7.045	34.547	27.056	27.048	33.805	29.676	107.2	1.467	1487.6	0.00
573.	569.0	6.981	6.927	34.549	27.074	27.066	33.827	29.770	105.4	1.484	1487.4	0.00
600.	595.8	6.782	6.725	34.554	27.105	27.097	33.865	29.836	104.5	1.512	1487.1	1.52
650.	645.3	6.582	6.521	34.555	27.134	27.125	33.901	30.094	102.3	1.564	1487.2	0.62
700.	694.9	6.401	6.337	34.556	27.159	27.150	33.933	30.349	100.4	1.614	1487.3	0.00
750.	744.5	6.217	6.149	34.561	27.187	27.177	33.968	30.605	98.2	1.664	1487.4	2.03
800.	794.0	5.953	5.882	34.565	27.224	27.215	34.015	30.874	94.9	1.712	1487.2	0.00
849.	842.5	5.654	5.580	34.572	27.267	27.258	34.069	31.168	90.6	1.758	1486.8	1.51
900.	893.0	5.227	5.151	34.579	27.324	27.315	34.141	31.442	85.4	1.803	1485.9	0.87
950.	942.5	4.972	4.893	34.582	27.356	27.347	34.184	31.707	82.4	1.845	1485.7	1.07
1000.	992.0	4.748	4.667	34.586	27.385	27.376	34.221	31.968	79.8	1.885	1485.6	0.00
1052.	1043.5	4.539	4.455	34.591	27.413	27.403	34.256	32.237	77.3	1.926	1485.6	1.80
1100.	1090.9	4.445	4.357	34.591	27.423	27.413	34.270	32.467	76.6	1.963	1486.1	0.00
1151.	1141.4	4.258	4.167	34.595	27.446	27.436	34.301	32.727	74.4	2.002	1486.1	2.52
1200.	1189.8	4.191	4.096	34.597	27.455	27.445	34.313	32.960	73.9	2.038	1486.7	1.24
1248.	1237.3	4.083	3.985	34.597	27.467	27.457	34.329	33.252	72.9	2.073	1487.0	0.00
1300.	1288.7	3.999	3.898	34.596	27.476	27.465	34.341	33.439	72.3	2.111	1487.5	1.38
fin	1317.	1305.5	3.982	3.879	34.597	27.478	27.467	34.344	0.000	2.1*****	0.0	

Mean vertical sound speed between 1. et 1317. dbar : 1495.4 m/s  
Reference pressure for gamprf : 1500. dbar

JADE 95 Station 19 - (14 Nov 95)



# STATION 19

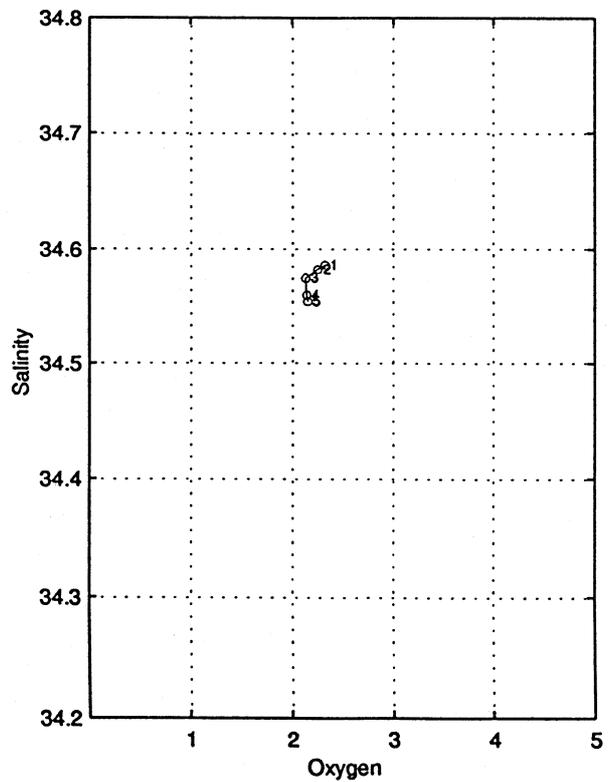
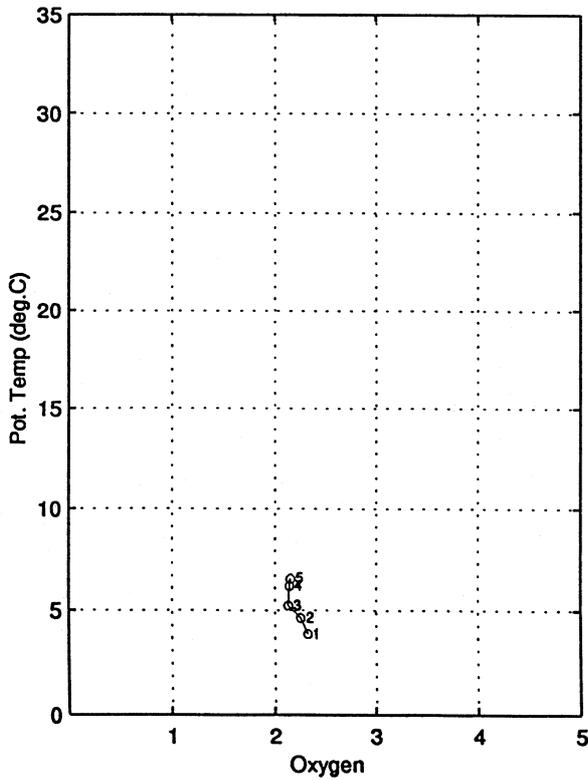
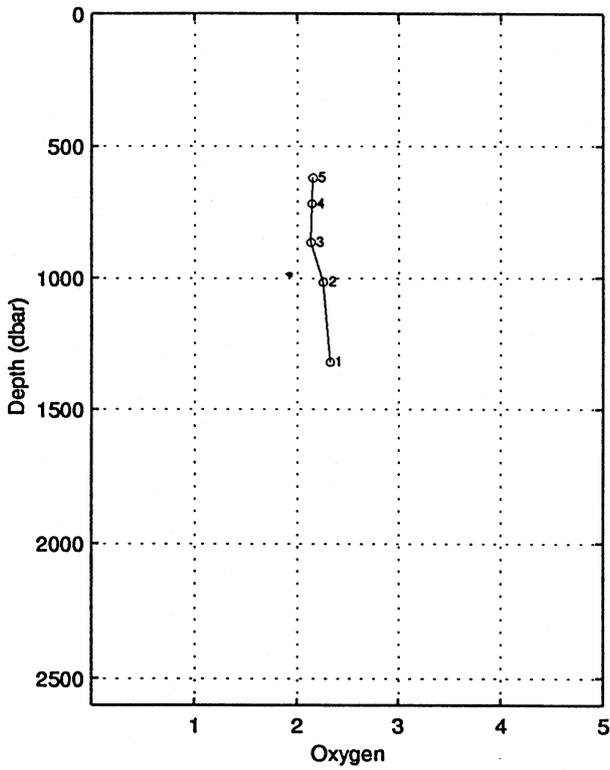
JADE 95

## Oxygen Profile

Bathysonde : Guildline INSU-Brest

Area : South Banda & Timor Sea - Indonesia

Cruise name : JADE95 - R/V Baruna Jaya I



98/10/13  
17:42:28

listacor\_20

1

JADE 95

station : 20.00

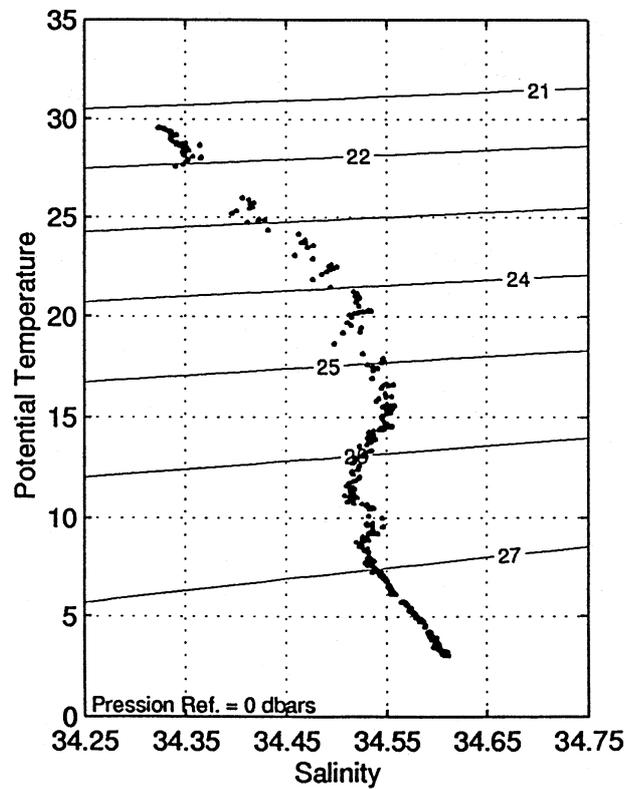
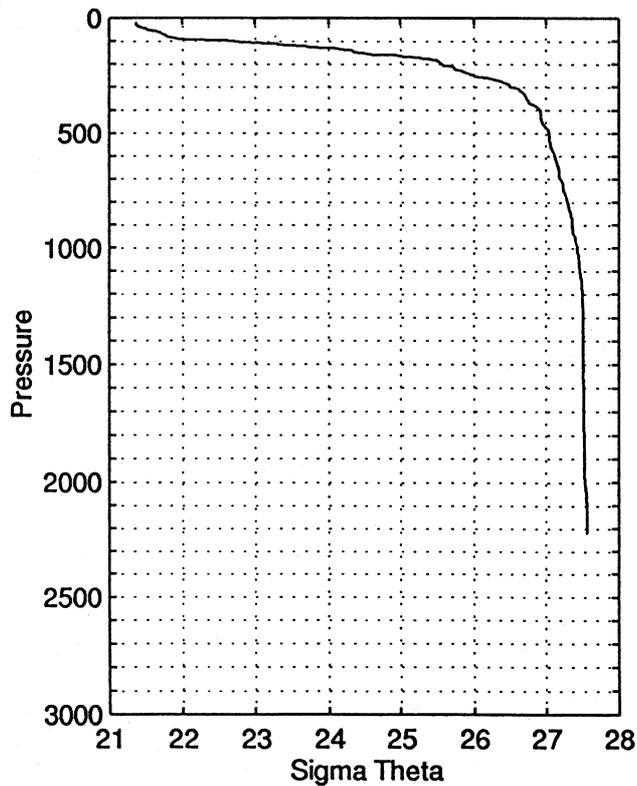
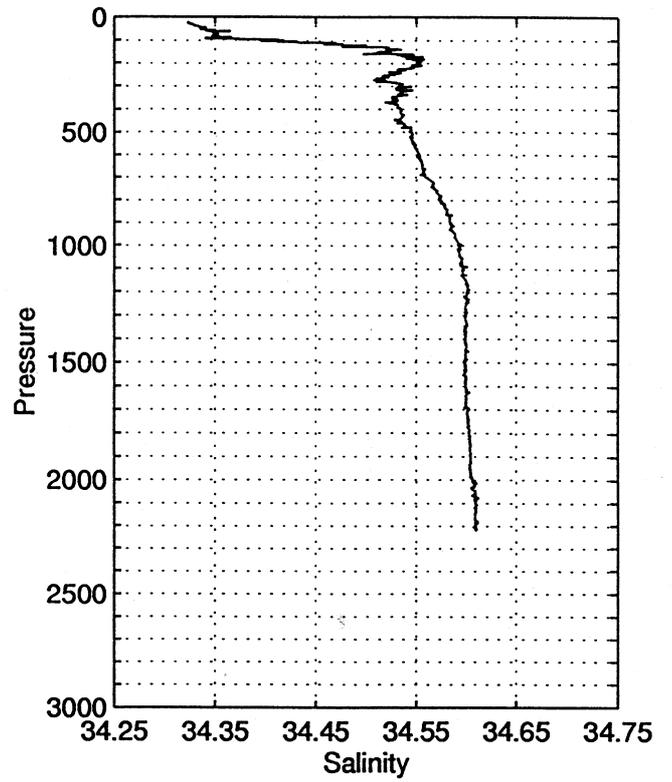
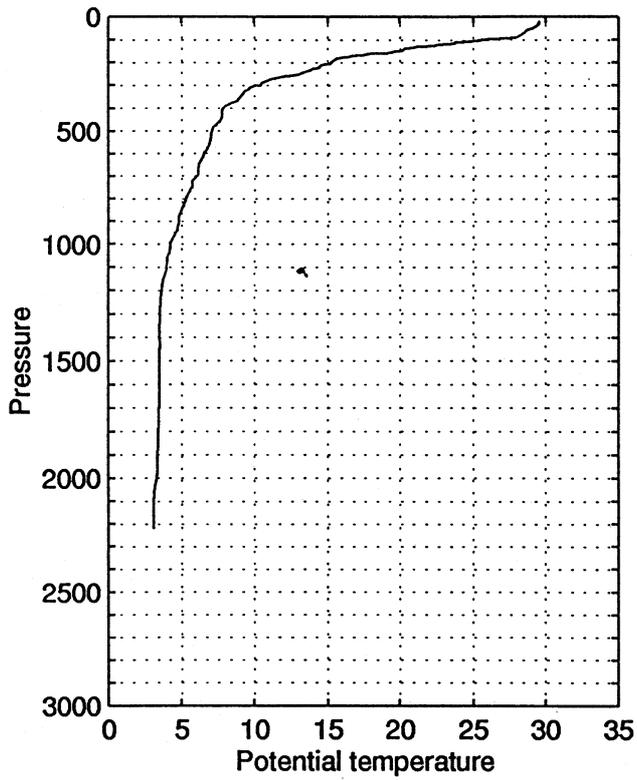
data reduction: 1 dbar

le 15/11/1995 a 0.12 tu -8.2611 125.3438 depth : 2382 m (2409.dbar)

press.	prof	temp.	theta	salin	sigtheta	sigmaamat	gamprf	gapt5	avsp	h-dyn	v(sound)	bva
								(*1e5)	(mdyn)		(cph)	
20.	19.9	29.570	29.566	34.324	21.369	21.365	27.558	21.450	642.8	0.000	1544.3	0.00
21.	20.9	29.570	29.565	34.324	21.369	21.365	27.558	21.455	642.9	0.006	1544.4	0.00
30.	29.8	29.529	29.522	34.327	21.386	21.381	27.576	21.509	641.7	0.064	1544.4	3.56
40.	39.8	29.371	29.361	34.336	21.447	21.442	27.640	21.613	636.3	0.128	1544.3	5.19
50.	49.7	29.132	29.120	34.336	21.528	21.522	27.724	21.736	629.0	0.191	1543.9	5.10
60.	59.7	28.715	28.700	34.341	21.671	21.664	27.875	21.921	615.7	0.254	1543.2	4.98
71.	70.6	28.470	28.453	34.350	21.760	21.752	27.967	22.056	607.8	0.321	1542.9	6.06
80.	79.5	28.334	28.315	34.349	21.805	21.796	28.015	22.139	603.9	0.375	1542.7	6.43
90.	89.5	27.876	27.855	34.351	21.956	21.947	28.174	22.333	589.8	0.435	1541.9	8.68
100.	99.4	25.584	25.562	34.415	22.729	22.720	28.989	23.151	516.1	0.490	1536.9	12.58
110.	109.4	24.170	24.146	34.463	23.193	23.184	29.481	23.660	472.0	0.540	1533.6	16.44
120.	119.3	22.644	22.620	34.495	23.661	23.653	29.980	24.173	427.6	0.585	1530.0	17.73
130.	129.2	21.281	21.256	34.517	24.058	24.050	30.406	24.615	389.9	0.627	1526.6	15.63
140.	139.2	20.291	20.265	34.535	24.338	24.330	30.709	24.941	363.4	0.665	1524.1	7.20
150.	149.1	20.005	19.977	34.515	24.399	24.391	30.777	25.045	357.9	0.701	1523.4	9.91
160.	159.0	18.674	18.646	34.498	24.728	24.720	31.137	25.421	326.6	0.735	1519.8	20.21
170.	169.0	16.678	16.651	34.549	25.252	25.244	31.710	25.994	276.7	0.765	1514.2	15.66
180.	178.9	15.968	15.940	34.542	25.410	25.403	31.887	26.198	261.8	0.792	1512.1	4.95
190.	188.8	15.467	15.438	34.551	25.530	25.523	32.021	26.364	250.5	0.818	1510.8	2.90
200.	198.8	15.276	15.246	34.554	25.575	25.567	32.070	26.453	246.6	0.843	1510.3	4.67
210.	208.7	14.719	14.688	34.551	25.694	25.687	32.205	26.618	235.3	0.867	1508.7	8.53
220.	218.7	14.475	14.442	34.547	25.744	25.736	32.261	26.713	230.8	0.890	1508.1	1.86
230.	228.6	13.967	13.934	34.539	25.845	25.838	32.377	26.860	221.3	0.913	1506.6	2.40
238.	236.5	13.608	13.574	34.523	25.907	25.900	32.450	27.034	210.7	0.931	1505.6	6.49
250.	248.4	13.134	13.100	34.529	26.009	26.001	32.564	27.116	206.0	0.956	1504.2	5.05
260.	258.4	12.227	12.193	34.517	26.177	26.170	32.760	27.334	189.9	0.976	1501.3	9.03
270.	268.3	11.398	11.364	34.514	26.331	26.324	32.939	27.536	175.1	0.994	1498.6	6.92
280.	278.2	10.933	10.899	34.515	26.417	26.410	33.038	27.669	167.0	1.011	1497.2	3.71
290.	288.2	10.535	10.500	34.537	26.504	26.498	33.138	27.804	158.7	1.027	1496.0	4.91
302.	300.1	10.136	10.101	34.532	26.570	26.563	33.216	27.925	152.6	1.046	1494.7	6.97
319.	317.0	9.580	9.544	34.545	26.674	26.667	33.338	28.145	141.2	1.071	1493.0	3.21
340.	337.8	9.224	9.186	34.536	26.725	26.719	33.402	28.258	138.1	1.101	1492.0	1.24
359.	356.7	8.941	8.902	34.532	26.767	26.761	33.453	28.409	134.1	1.126	1491.3	3.69
380.	377.5	8.364	8.324	34.529	26.855	26.849	33.560	28.575	125.9	1.154	1489.5	4.55
401.	398.4	7.915	7.874	34.536	26.928	26.922	33.649	28.747	119.0	1.180	1488.2	2.45
418.	415.2	7.839	7.797	34.535	26.939	26.932	33.662	28.861	118.5	1.200	1488.2	0.87
443.	440.0	7.789	7.744	34.533	26.945	26.938	33.670	28.955	118.1	1.230	1488.4	1.77
461.	457.9	7.639	7.593	34.532	26.966	26.959	33.696	29.059	116.3	1.251	1488.1	1.31
480.	476.8	7.283	7.236	34.541	27.025	27.018	33.767	29.207	110.7	1.272	1487.1	0.00
500.	496.6	7.146	7.098	34.545	27.047	27.040	33.795	29.322	108.8	1.294	1486.9	2.90
520.	516.4	7.097	7.048	34.544	27.053	27.046	33.802	29.419	108.5	1.316	1487.0	0.00
539.	535.3	7.057	7.005	34.546	27.060	27.053	33.811	29.538	107.4	1.336	1487.2	1.64
560.	556.1	6.962	6.909	34.549	27.076	27.068	33.830	29.624	106.8	1.359	1487.2	1.64
576.	572.0	6.832	6.777	34.550	27.095	27.087	33.854	29.814	102.6	1.376	1486.9	1.64
600.	595.8	6.613	6.558	34.553	27.127	27.119	33.893	29.860	102.2	1.401	1486.5	1.24
647.	642.4	6.272	6.214	34.556	27.174	27.167	33.953	30.199	97.3	1.448	1485.9	0.00
693.	688.0	6.188	6.126	34.558	27.187	27.179	33.969	30.542	91.9	1.492	1486.3	0.00
750.	744.4	5.777	5.712	34.568	27.248	27.239	34.045	30.675	91.7	1.546	1485.6	0.62
800.	794.0	5.372	5.304	34.574	27.302	27.293	34.114	30.963	86.6	1.590	1484.9	0.00
850.	843.5	5.059	4.988	34.581	27.344	27.336	34.168	31.239	82.6	1.632	1484.4	0.00
900.	893.0	4.896	4.823	34.585	27.367	27.358	34.197	31.492	80.7	1.673	1484.6	1.38
950.	942.5	4.635	4.559	34.590	27.400	27.391	34.240	31.759	77.6	1.713	1484.4	2.33
1000.	992.0	4.309	4.231	34.592	27.438	27.429	34.290	32.032	73.8	1.751	1483.8	1.07
1053.	1044.4	4.124	4.042	34.596	27.461	27.452	34.320	32.300	71.7	1.790	1483.9	1.89
1100.	1090.9	4.034	3.949	34.597	27.471	27.462	34.334	32.527	71.0	1.823	1484.4	0.00
1150.	1140.4	3.827	3.740	34.600	27.494	27.485	34.366	32.783	68.7	1.858	1484.3	1.64
1200.	1189.8	3.726	3.635	34.601	27.506	27.497	34.382	33.025	67.7	1.892	1484.7	0.00
1250.	1239.3	3.665	3.571	34.600	27.511	27.502	34.390	33.259	67.5	1.926	1485.3	1.24
1300.	1288.7	3.625	3.528	34.600	27.516	27.506	34.396	33.492	67.4	1.960	1486.0	0.62
1400.	1387.5	3.597	3.491	34.599	27.519	27.508	34.400	33.948	67.9	2.027	1487.5	0.00
1500.	1486.2	3.581	3.467	34.599	27.521	27.510	34.403	34.403	68.5	2.095	1489.1	0.00
1600.	1584.9	3.585	3.462	34.600	27.522	27.510	34.405	34.855	69.2	2.164	1490.8	0.00
1701.	1684.6	3.576	3.444	34.603	27.526	27.513	34.410	35.314	69.6	2.235	1492.5	0.76
1800.	1782.2	3.525	3.384	34.603	27.532	27.518	34.418	35.767	69.7	2.304	1493.9	0.87
1900.	1880.8	3.505	3.355	34.604	27.536	27.521	34.423	36.220	70.0	2.374	1495.5	0.00
2000.	1979.3	3.437	3.279	34.607	27.545	27.530	34.435	36.679	69.7	2.444	1496.9	0.00
2100.	2077.8	3.252	3.088	34.610	27.566	27.550	34.463	37.156	67.6	2.512	1497.8	0.00
2200.	2176.2	3.248	3.074	34.609	27.567	27.550	34.464	37.604	68.3	2.580	1499.4	0.00
fin	2219.	2194.9	3.243	3.067	34.610	27.567	27.551	34.465	0.000	2.6*****	0.0	

Mean vertical sound speed between 20. et 2219. dbar : 1493.5 m/s  
Reference pressure for gamprf : 1500. dbar

JADE 95 Station 20 - (15 Nov 95)



# STATION 20

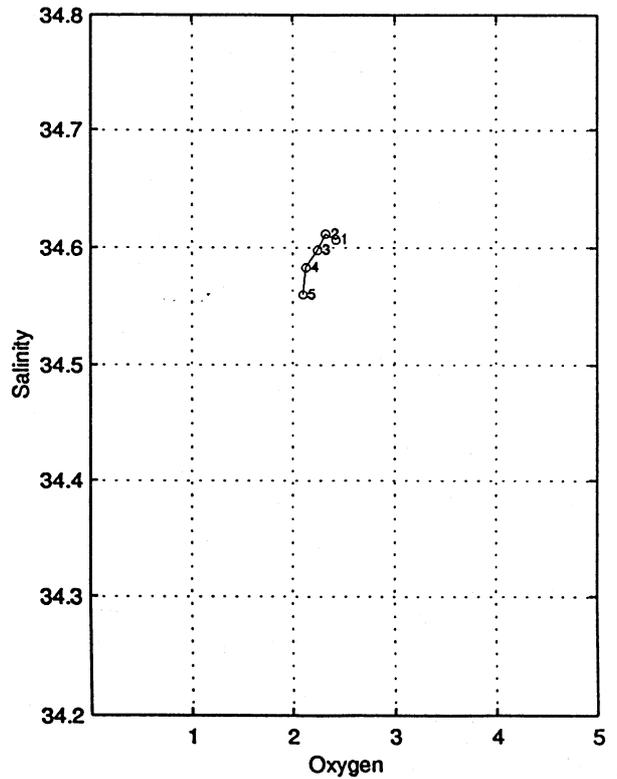
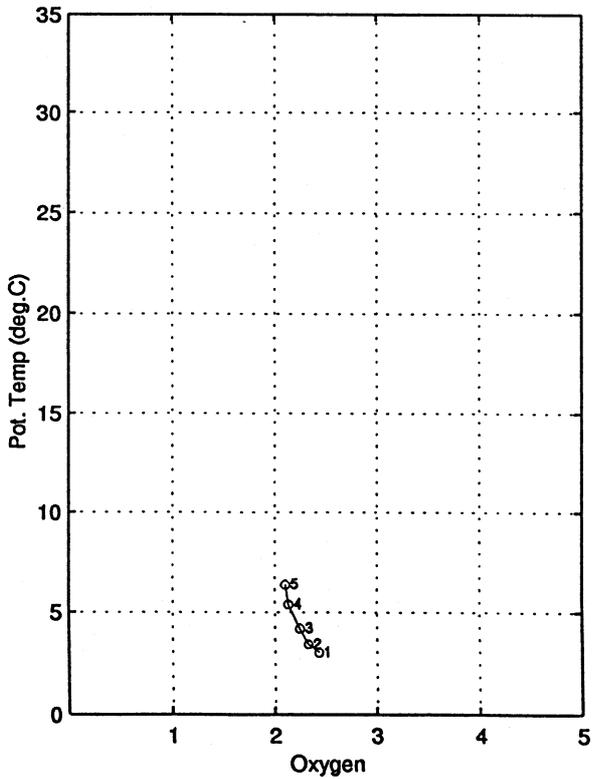
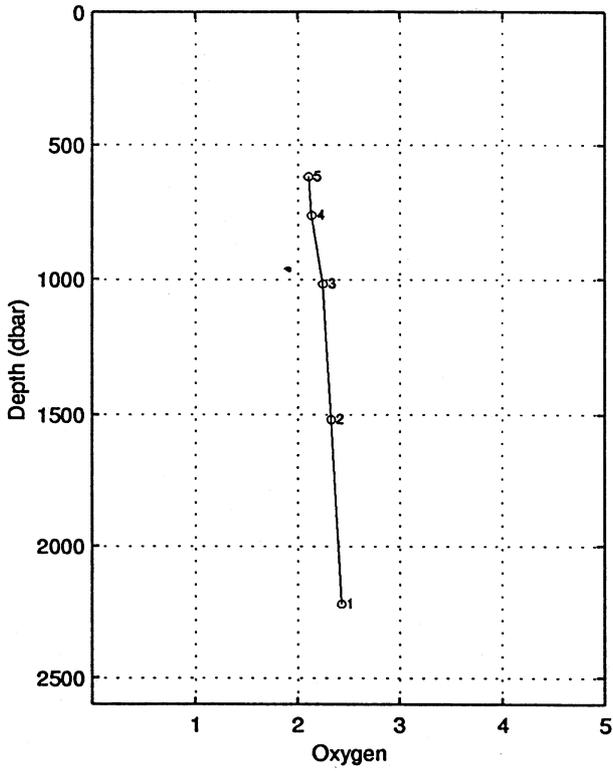
JADE 95

## Oxygen Profile

Bathysonde : Guildline INSU-Brest

Area : South Banda & Timor Sea - Indonesia

Cruise name : JADE95 - R/V Baruna Jaya I



98/10/13  
17:44:05

listacor\_21

1

JADE 95

station : 21.00

data reduction: 1 dbar

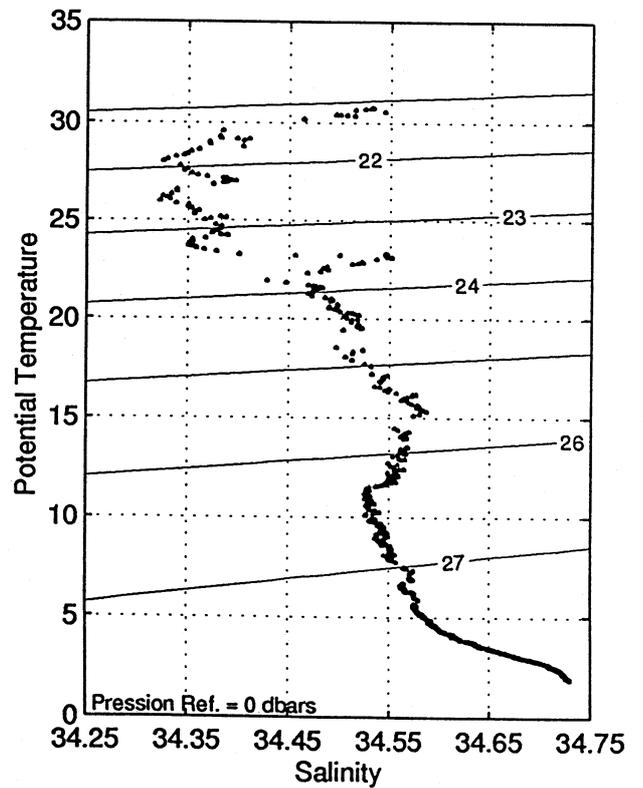
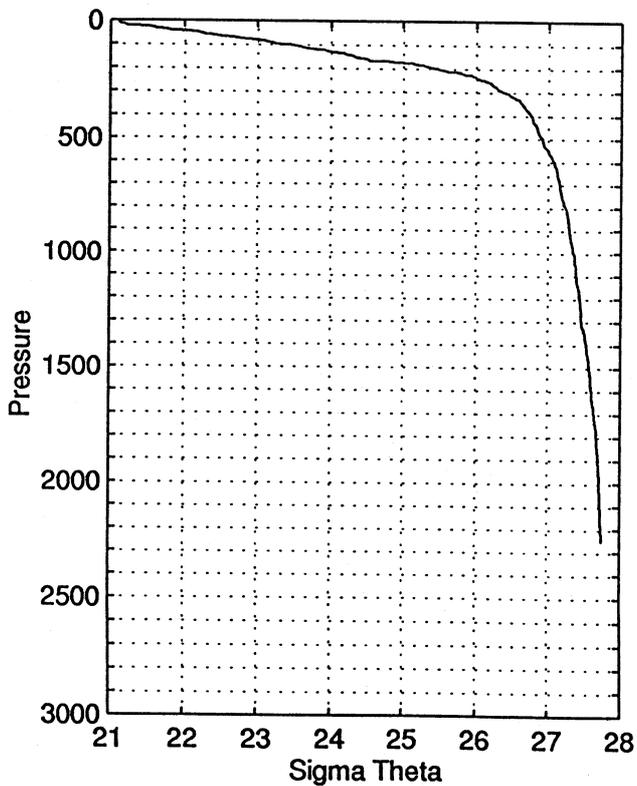
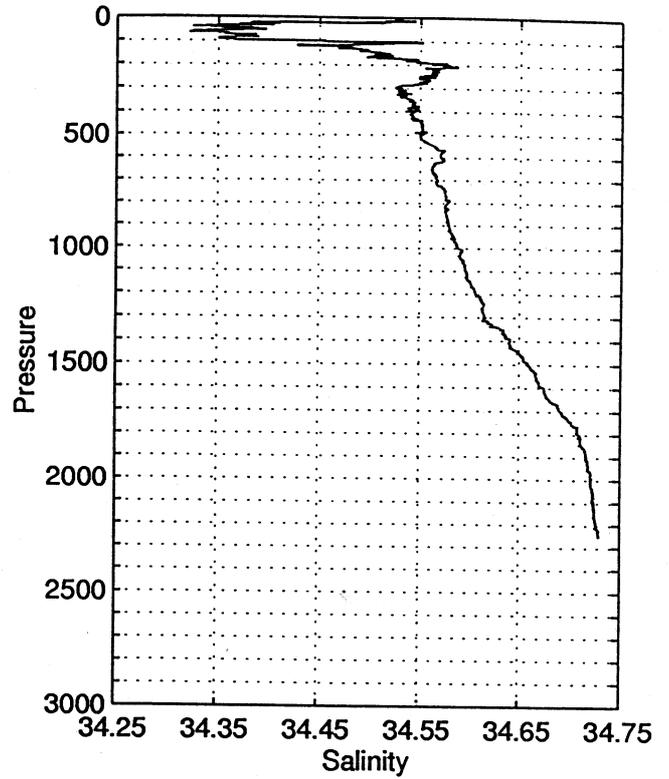
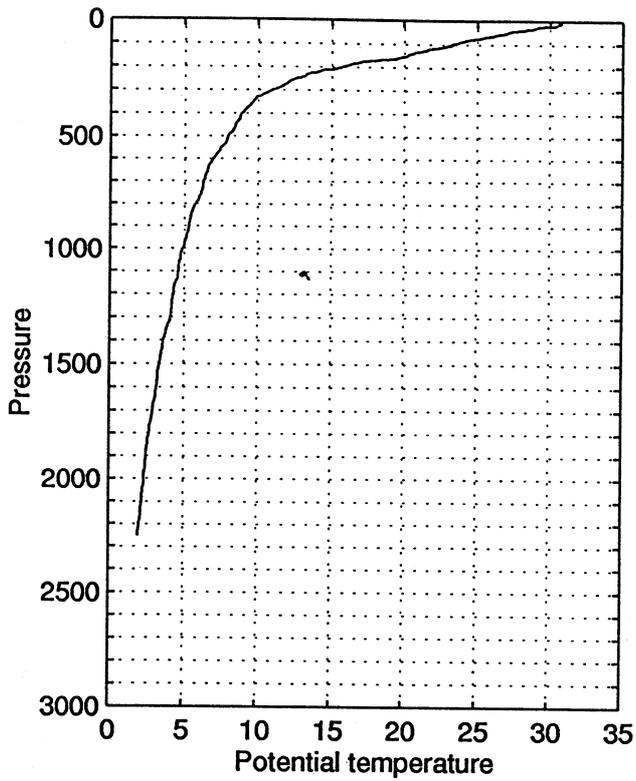
le 20/11/1995 a 16.24 tu -11.3505 122.1246 depth : 2448 m (2477.dbar)

press.	prof	temp.	theta	salin	sigtheta	sigmaamat	gamprf	gapt	avsp	h-dyn	v(sound)	bva
								(*1e5)	(mdyn)		(cph)	
0.	0.0	30.744	30.744	34.532	21.122	21.120	27.290	21.120	665.5	0.000	1546.7	0.00
10.	9.9	30.737	30.735	34.532	21.125	21.122	27.293	21.164	665.7	0.067	1546.8	2.32
20.	19.9	30.388	30.383	34.507	21.228	21.223	27.402	21.309	656.4	0.133	1546.2	5.53
30.	29.8	29.010	29.003	34.371	21.593	21.589	27.791	21.717	621.8	0.196	1543.4	1.91
40.	39.8	28.141	28.132	34.329	21.849	21.844	28.063	22.016	597.7	0.257	1541.6	11.15
50.	49.7	27.131	27.119	34.389	22.221	22.216	28.453	22.430	562.5	0.315	1539.6	7.76
61.	60.6	26.366	26.352	34.333	22.423	22.416	28.668	22.678	543.7	0.376	1537.9	6.13
70.	69.6	25.525	25.509	34.360	22.704	22.698	28.966	22.999	517.1	0.423	1536.2	11.41
80.	79.5	24.620	24.602	34.382	22.996	22.989	29.275	23.335	489.6	0.474	1534.2	9.69
90.	89.5	23.904	23.885	34.354	23.188	23.181	29.482	23.570	471.6	0.522	1532.5	7.81
100.	99.4	23.253	23.232	34.456	23.456	23.448	29.762	23.881	446.4	0.568	1531.2	12.98
110.	109.3	22.861	22.839	34.523	23.620	23.612	29.934	24.088	431.1	0.612	1530.4	7.55
120.	119.3	21.851	21.828	34.447	23.847	23.839	30.184	24.360	409.7	0.654	1527.9	12.07
130.	129.2	21.380	21.355	34.473	23.997	23.989	30.344	24.554	395.7	0.694	1526.8	7.88
140.	139.2	20.633	20.607	34.490	24.213	24.205	30.576	24.815	375.4	0.733	1525.0	5.81
150.	149.1	20.247	20.219	34.515	24.335	24.327	30.707	24.981	364.0	0.770	1524.1	5.88
160.	159.0	19.658	19.628	34.518	24.492	24.483	30.878	25.182	349.4	0.806	1522.6	7.28
170.	169.0	18.372	18.343	34.514	24.816	24.807	31.232	25.553	318.6	0.839	1519.1	4.51
180.	178.9	17.096	17.066	34.543	25.149	25.141	31.597	25.933	287.0	0.869	1515.6	5.40
190.	188.8	16.376	16.346	34.548	25.322	25.314	31.788	26.152	270.6	0.897	1513.6	7.71
200.	198.8	15.761	15.730	34.573	25.481	25.473	31.963	26.357	255.6	0.923	1511.9	6.84
210.	208.7	15.264	15.232	34.580	25.598	25.590	32.094	26.520	244.7	0.948	1510.5	8.14
220.	218.6	14.232	14.200	34.567	25.811	25.804	32.335	26.781	224.3	0.972	1507.4	4.79
230.	228.6	13.530	13.498	34.566	25.957	25.949	32.501	26.974	210.6	0.993	1505.2	3.71
240.	238.5	13.257	13.223	34.566	26.013	26.005	32.564	27.075	205.4	1.014	1504.5	3.45
250.	248.4	12.644	12.610	34.551	26.123	26.116	32.693	27.233	194.9	1.034	1502.6	4.99
260.	258.4	12.206	12.171	34.554	26.210	26.203	32.793	27.367	186.7	1.053	1501.3	4.42
270.	268.3	12.076	12.040	34.557	26.238	26.231	32.825	27.440	184.3	1.072	1501.0	4.01
280.	278.2	11.802	11.766	34.552	26.286	26.279	32.881	27.534	179.8	1.090	1500.2	0.00
290.	288.1	11.504	11.467	34.528	26.323	26.316	32.927	27.617	176.5	1.108	1499.3	5.50
300.	298.1	11.062	11.024	34.527	26.403	26.396	33.021	27.744	168.8	1.125	1498.0	3.22
321.	318.9	10.316	10.278	34.535	26.542	26.535	33.183	27.981	155.8	1.159	1495.7	4.10
340.	337.8	9.830	9.791	34.533	26.623	26.616	33.280	28.151	148.2	1.188	1494.3	5.50
360.	357.6	9.566	9.525	34.545	26.676	26.669	33.342	28.296	143.4	1.217	1493.6	1.07
380.	377.5	9.263	9.221	34.548	26.729	26.722	33.404	28.441	138.6	1.245	1492.9	1.24
400.	397.3	8.917	8.874	34.543	26.781	26.774	33.468	28.586	133.8	1.273	1491.9	0.87
420.	417.2	8.833	8.788	34.543	26.794	26.786	33.484	28.690	132.9	1.299	1491.9	0.00
440.	437.0	8.595	8.548	34.549	26.837	26.829	33.534	28.824	129.1	1.325	1491.4	2.47
460.	456.9	8.488	8.439	34.552	26.856	26.848	33.557	28.935	127.5	1.351	1491.3	1.24
480.	476.7	8.312	8.262	34.552	26.883	26.875	33.590	29.054	125.2	1.376	1491.0	0.87
500.	496.5	8.027	7.976	34.550	26.925	26.917	33.641	29.188	121.3	1.401	1490.2	1.75
520.	516.4	7.913	7.860	34.551	26.942	26.934	33.663	29.297	119.9	1.425	1490.1	2.23
535.	531.3	7.799	7.745	34.557	26.964	26.956	33.689	29.499	113.8	1.443	1490.0	1.86
560.	556.1	7.496	7.440	34.568	27.016	27.008	33.752	29.557	113.1	1.472	1489.2	2.31
582.	577.9	7.217	7.161	34.571	27.059	27.050	33.803	29.703	109.2	1.496	1488.5	2.57
600.	595.7	7.003	6.945	34.573	27.090	27.082	33.842	29.818	106.2	1.515	1488.0	1.64
650.	645.3	6.656	6.595	34.562	27.129	27.121	33.894	30.089	102.8	1.567	1487.5	0.62
700.	694.8	6.376	6.312	34.567	27.170	27.161	33.945	30.360	99.3	1.618	1487.2	0.00
750.	744.4	6.239	6.170	34.575	27.195	27.186	33.975	30.614	97.5	1.667	1487.5	0.00
791.	785.0	5.934	5.863	34.580	27.238	27.229	34.029	30.971	91.2	1.707	1487.0	1.07
850.	843.4	5.541	5.468	34.576	27.284	27.275	34.090	31.169	89.2	1.760	1486.4	1.38
900.	892.9	5.397	5.320	34.579	27.304	27.295	34.116	31.419	87.6	1.804	1486.6	1.96
950.	942.4	5.241	5.161	34.584	27.327	27.317	34.144	31.671	85.8	1.848	1486.8	0.00
998.	989.9	5.043	4.960	34.588	27.353	27.343	34.178	31.976	81.7	1.888	1486.8	0.00
1050.	1041.4	4.819	4.732	34.592	27.383	27.373	34.216	32.190	80.8	1.931	1486.8	0.00
1100.	1090.8	4.713	4.622	34.596	27.398	27.388	34.235	32.435	79.6	1.971	1487.2	0.62
1148.	1138.3	4.537	4.444	34.602	27.422	27.412	34.266	32.710	76.8	2.009	1487.2	2.47
1200.	1189.7	4.392	4.295	34.606	27.442	27.431	34.292	32.940	75.7	2.048	1487.5	0.00
1242.	1231.2	4.287	4.188	34.615	27.460	27.450	34.314	33.236	74.1	2.080	1487.8	2.47
1300.	1288.6	4.205	4.102	34.617	27.471	27.460	34.328	33.427	73.5	2.123	1488.4	0.00
1400.	1387.3	3.730	3.622	34.640	27.538	27.528	34.414	33.963	66.5	2.192	1488.1	0.00
1500.	1486.1	3.471	3.358	34.659	27.579	27.568	34.465	34.465	62.7	2.257	1488.7	0.00
1600.	1584.8	3.259	3.139	34.675	27.613	27.601	34.507	34.958	59.6	2.318	1489.5	1.38
1700.	1683.4	3.047	2.921	34.692	27.647	27.635	34.550	35.453	56.3	2.377	1490.3	1.75
1800.	1782.1	2.792	2.661	34.710	27.684	27.673	34.598	35.952	52.4	2.431	1490.9	2.23
1900.	1880.6	2.632	2.494	34.717	27.704	27.692	34.624	36.430	50.5	2.482	1491.9	0.00
2000.	1979.1	2.486	2.341	34.722	27.721	27.709	34.647	36.904	48.8	2.531	1493.0	0.00
2100.	2077.6	2.358	2.207	34.724	27.734	27.721	34.665	37.372	47.6	2.580	1494.1	0.00
2200.	2176.0	2.214	2.057	34.728	27.749	27.736	34.687	37.844	45.9	2.626	1495.2	0.00
fin	2250.	2225.2	2.101	1.941	34.730	27.760	27.747	34.703	0.000	2.6*****	0.9	

Mean vertical sound speed between 0. et 2250. dbar : 1494.1 m/s  
Reference pressure for gamprf : 1500. dbar



JADE 95 Station 21 - (20 Nov 95)



# STATION 21

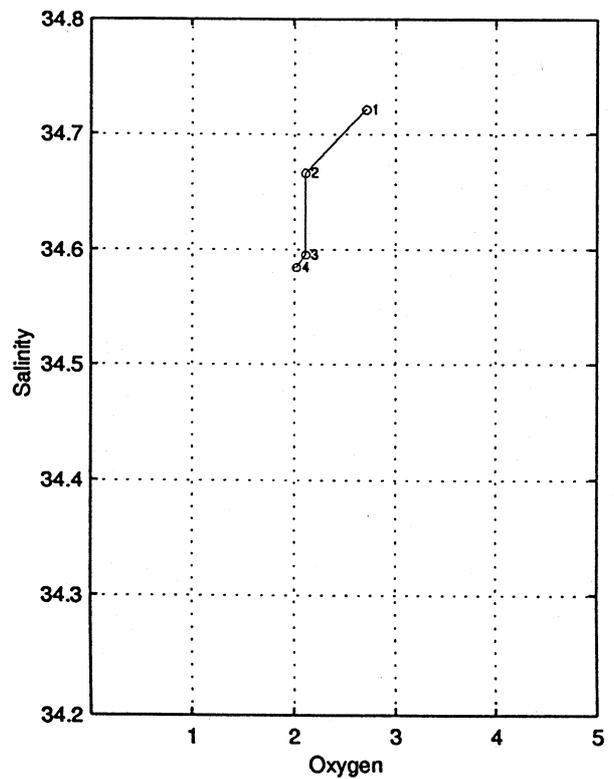
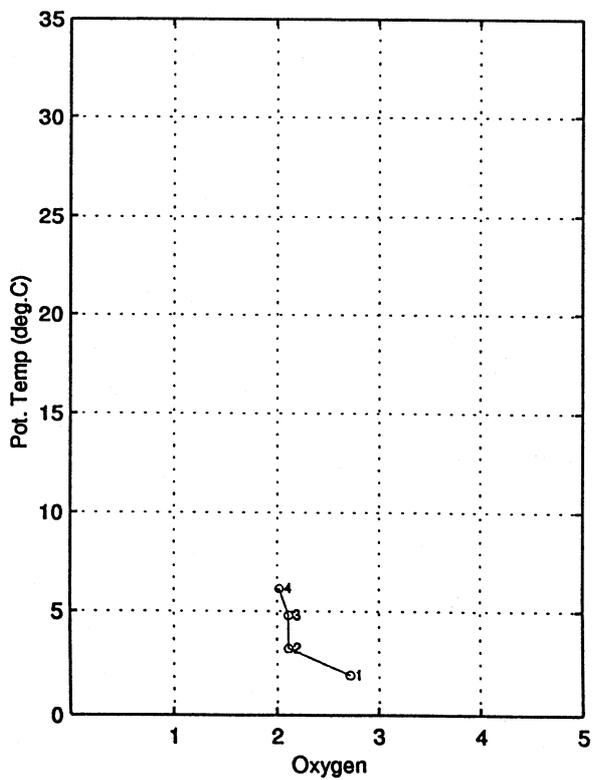
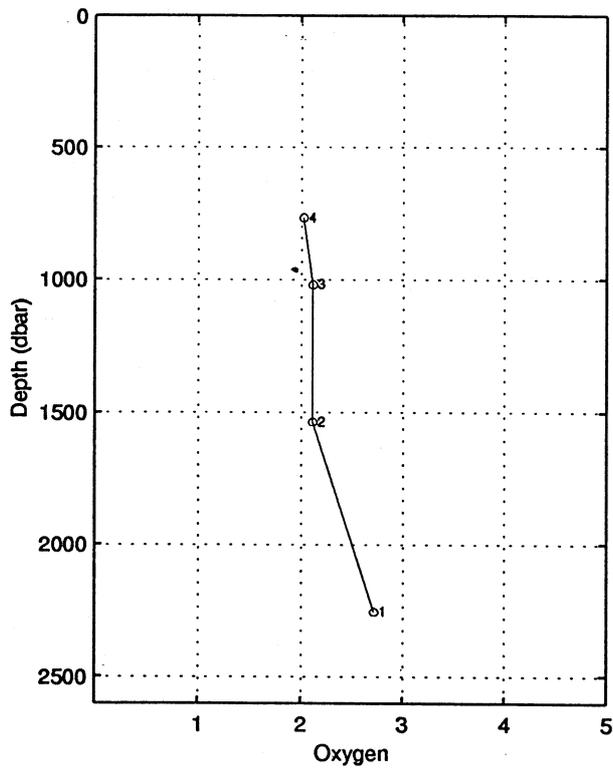
JADE 95

## Oxygen Profile

Bathysonde : Guildline INSU-Brest

Area : South Banda & Timor Sea - Indonesia

Cruise name : JADE95 - RV Baruna Jaya I



JADE 95

station : 22.00

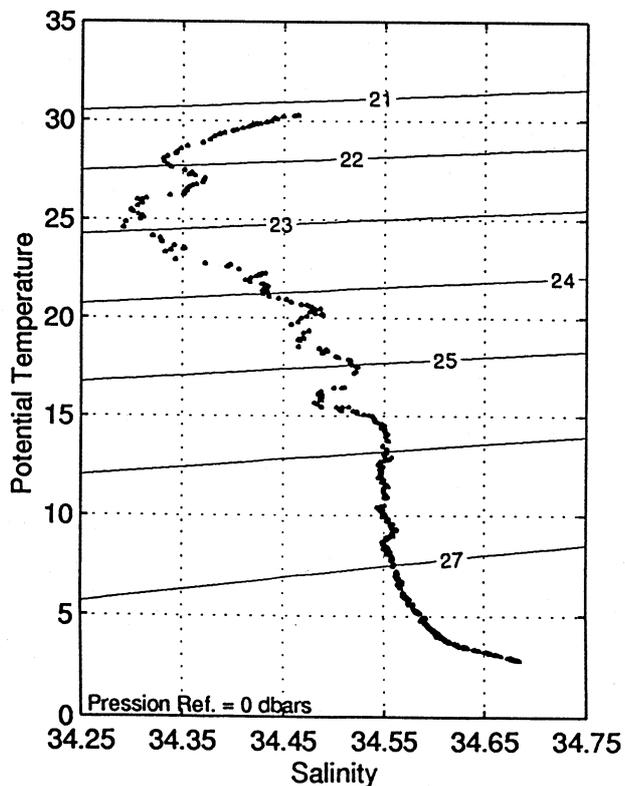
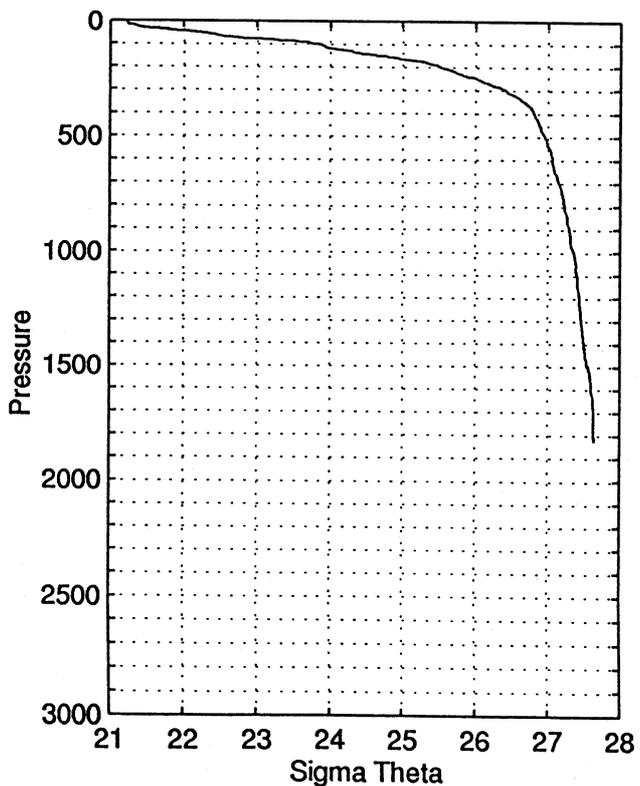
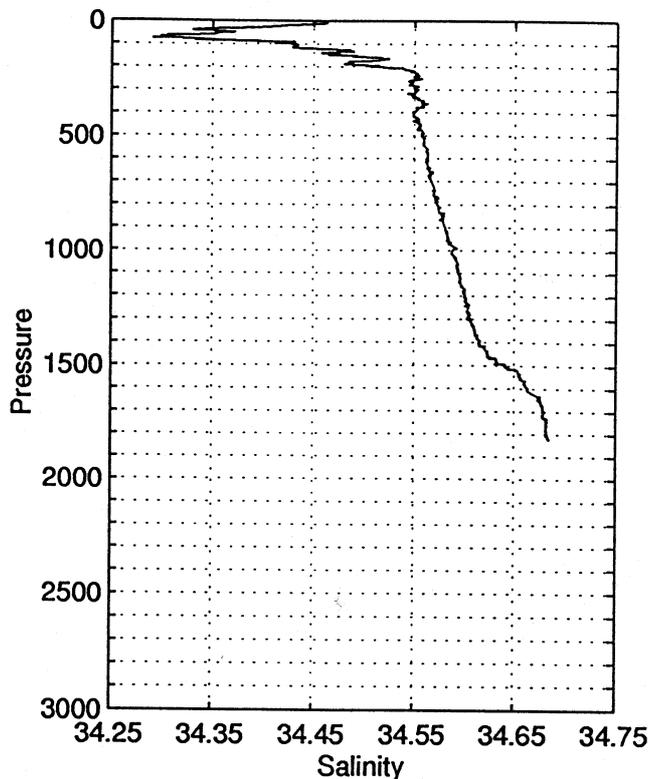
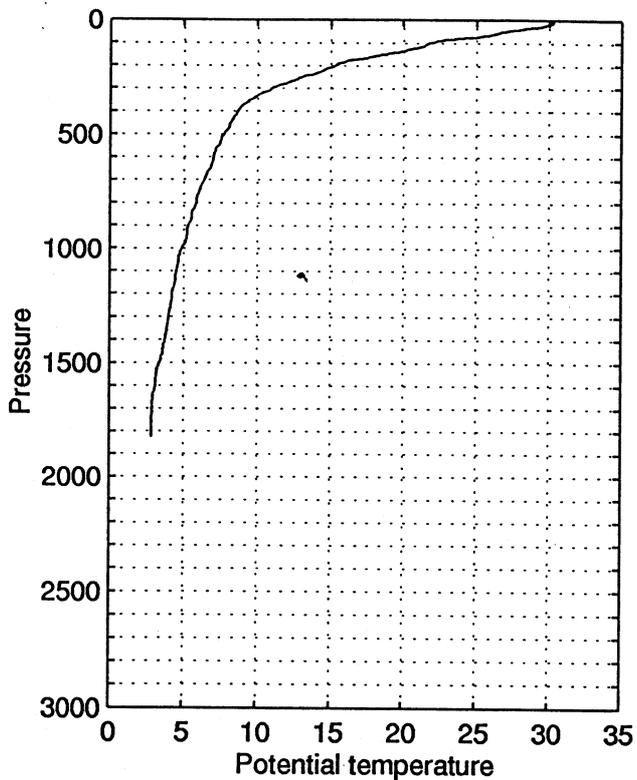
data reduction: 1 dbar

le 20/11/1995 a 22.00 tu -11.2428 122.4186 depth : 1924 m (1944.dbar)

press.	prof	temp.	theta	salin	sigtheta	sigmaamat	gamprf	gapts	avsp	h-dyn	v(sound)	bva
								(*1e5)	(mdyn)		(cph)	
4.	4.0	30.261	30.260	34.464	21.238	21.235	27.414	21.252	654.6	0.000	1545.7	0.00
9.	8.9	30.261	30.259	34.464	21.238	21.235	27.414	21.287	654.9	0.033	1545.7	1.39
20.	19.9	29.848	29.843	34.423	21.350	21.346	27.533	21.431	644.7	0.104	1545.0	3.34
30.	29.8	29.324	29.317	34.386	21.499	21.495	27.692	21.623	630.8	0.168	1544.1	7.15
40.	39.8	28.185	28.176	34.334	21.839	21.833	28.051	22.005	598.7	0.230	1541.7	4.43
50.	49.7	27.028	27.017	34.371	22.240	22.235	28.474	22.450	560.7	0.287	1539.3	9.23
60.	59.6	26.340	26.326	34.352	22.445	22.438	28.691	22.696	541.5	0.342	1537.9	7.53
70.	69.6	25.491	25.476	34.298	22.668	22.661	28.931	22.963	520.6	0.396	1536.0	13.45
80.	79.5	23.907	23.890	34.329	23.168	23.161	29.462	23.507	473.1	0.446	1532.3	12.94
90.	89.5	22.504	22.486	34.405	23.631	23.624	29.953	24.015	429.2	0.491	1529.0	12.15
100.	99.4	21.769	21.750	34.428	23.854	23.847	30.192	24.282	408.2	0.533	1527.3	9.54
110.	109.3	21.494	21.472	34.433	23.935	23.927	30.279	24.406	400.9	0.573	1526.7	1.64
120.	119.3	21.031	21.008	34.445	24.070	24.063	30.425	24.585	388.3	0.613	1525.7	10.25
130.	129.2	20.350	20.326	34.476	24.278	24.270	30.647	24.837	368.8	0.651	1524.0	8.98
140.	139.2	19.695	19.670	34.458	24.436	24.428	30.821	25.040	354.0	0.687	1522.4	9.69
151.	150.1	18.577	18.551	34.465	24.727	24.719	31.139	25.381	326.4	0.724	1519.4	11.14
160.	159.0	18.027	17.999	34.505	24.894	24.886	31.319	25.589	310.7	0.753	1518.0	6.73
168.	167.0	17.229	17.202	34.520	25.099	25.091	31.543	26.026	275.4	0.777	1515.8	7.53
180.	178.9	16.112	16.084	34.487	25.335	25.328	31.809	26.123	268.9	0.811	1512.5	5.77
190.	188.8	15.661	15.632	34.484	25.435	25.427	31.921	26.267	259.7	0.837	1511.3	6.84
200.	198.8	15.359	15.328	34.508	25.521	25.513	32.014	26.398	251.7	0.863	1510.5	2.84
210.	208.7	14.966	14.935	34.539	25.631	25.624	32.135	26.554	241.4	0.887	1509.5	7.00
220.	218.6	14.578	14.545	34.547	25.722	25.715	32.237	26.691	232.9	0.911	1508.4	3.28
230.	228.6	14.195	14.161	34.552	25.807	25.800	32.333	26.822	225.0	0.934	1507.4	5.71
240.	238.5	13.781	13.747	34.554	25.896	25.888	32.433	26.956	216.7	0.956	1506.2	5.94
250.	248.4	13.130	13.095	34.551	26.026	26.019	32.582	27.134	204.3	0.977	1504.2	3.61
260.	258.4	12.811	12.775	34.550	26.090	26.082	32.655	27.243	198.5	0.997	1503.3	1.86
270.	268.3	12.275	12.240	34.548	26.192	26.185	32.773	27.393	188.7	1.016	1501.7	7.22
280.	278.2	12.003	11.966	34.546	26.244	26.236	32.833	27.490	184.0	1.035	1500.9	4.46
290.	288.1	11.391	11.354	34.549	26.360	26.353	32.968	27.655	172.9	1.053	1499.0	4.55
301.	299.1	11.007	10.970	34.552	26.432	26.425	33.052	27.778	166.1	1.071	1497.8	4.48
320.	317.9	10.397	10.359	34.545	26.535	26.528	33.174	27.970	156.4	1.102	1496.0	6.75
340.	337.8	9.866	9.827	34.554	26.634	26.627	33.289	28.161	147.2	1.133	1494.4	1.24
360.	357.6	9.418	9.378	34.558	26.711	26.704	33.381	28.332	140.0	1.161	1493.1	1.52
380.	377.5	8.946	8.904	34.552	26.783	26.776	33.468	28.497	133.3	1.188	1491.7	2.83
400.	397.3	8.719	8.676	34.549	26.817	26.810	33.510	28.624	130.3	1.215	1491.2	2.97
420.	417.2	8.549	8.504	34.551	26.845	26.838	33.544	28.743	127.9	1.241	1490.9	3.91
440.	437.0	8.344	8.298	34.555	26.880	26.872	33.585	28.870	124.8	1.266	1490.5	5.14
460.	456.9	8.181	8.133	34.555	26.905	26.897	33.616	28.987	122.6	1.291	1490.2	0.00
480.	476.7	8.016	7.967	34.558	26.932	26.924	33.649	29.106	120.3	1.315	1489.9	3.06
500.	496.6	7.798	7.747	34.557	26.964	26.956	33.688	29.231	117.4	1.339	1489.4	1.24
520.	516.4	7.616	7.564	34.560	26.992	26.985	33.723	29.351	114.8	1.362	1489.0	0.00
540.	536.2	7.512	7.459	34.559	27.007	26.999	33.741	29.457	113.7	1.385	1489.0	1.24
562.	558.0	7.247	7.192	34.564	27.049	27.041	33.792	29.602	109.8	1.409	1488.3	2.52
580.	575.9	7.155	7.099	34.564	27.062	27.054	33.809	29.698	108.7	1.429	1488.3	2.19
600.	595.7	7.095	7.037	34.562	27.069	27.061	33.818	29.796	108.3	1.451	1488.3	0.00
650.	645.3	6.889	6.827	34.565	27.100	27.091	33.857	30.056	105.9	1.504	1488.4	0.62
700.	694.8	6.455	6.391	34.568	27.161	27.152	33.933	30.350	100.3	1.555	1487.5	2.62
745.	739.4	6.173	6.105	34.570	27.199	27.191	33.982	30.679	95.7	1.600	1487.1	0.00
793.	787.0	5.956	5.885	34.572	27.229	27.220	34.020	30.939	93.2	1.645	1487.1	0.00
850.	843.4	5.629	5.555	34.578	27.275	27.266	34.078	31.158	90.2	1.698	1486.7	1.07
901.	893.9	5.391	5.314	34.581	27.307	27.297	34.118	31.425	87.4	1.744	1486.6	1.64
950.	942.4	5.298	5.217	34.585	27.321	27.311	34.136	31.664	86.5	1.786	1487.0	1.86
1002.	993.9	4.954	4.871	34.588	27.364	27.354	34.192	31.951	82.3	1.830	1486.5	1.34
1047.	1038.4	4.752	4.666	34.592	27.390	27.380	34.226	32.272	79.2	1.867	1486.4	0.00
1098.	1088.9	4.632	4.543	34.594	27.405	27.395	34.246	32.527	77.9	1.907	1486.8	1.38
1149.	1139.3	4.544	4.451	34.597	27.417	27.407	34.261	32.717	77.1	1.947	1487.3	1.38
1200.	1189.7	4.343	4.247	34.602	27.443	27.433	34.295	32.943	75.4	1.986	1487.3	0.62
1249.	1238.2	4.237	4.138	34.605	27.458	27.447	34.313	33.268	74.0	2.022	1487.7	0.00
1300.	1288.6	4.109	4.007	34.607	27.473	27.462	34.334	33.432	73.0	2.060	1488.0	3.15
1400.	1387.4	3.857	3.748	34.616	27.507	27.496	34.378	33.927	69.9	2.132	1488.6	1.07
1500.	1486.1	3.469	3.356	34.642	27.566	27.555	34.452	34.452	63.9	2.199	1488.7	1.86
1600.	1584.8	3.211	3.092	34.663	27.608	27.597	34.504	34.956	59.8	2.260	1489.3	0.00
1700.	1683.5	3.029	2.903	34.679	27.638	27.626	34.541	35.444	57.1	2.318	1490.2	0.00
1800.	1782.1	2.986	2.852	34.683	27.645	27.633	34.551	35.904	56.9	2.375	1491.7	1.38
fin	1823.	1804.7	2.967	2.831	34.683	27.648	27.635	34.555	0.000	2.4*****	0.0	

Mean vertical sound speed between 4. et 1823. dbar : 1493.9 m/s  
Reference pressure for gamprf : 1500. dbar

JADE 95 Station 22 - (20 Nov 95)



# STATION 22

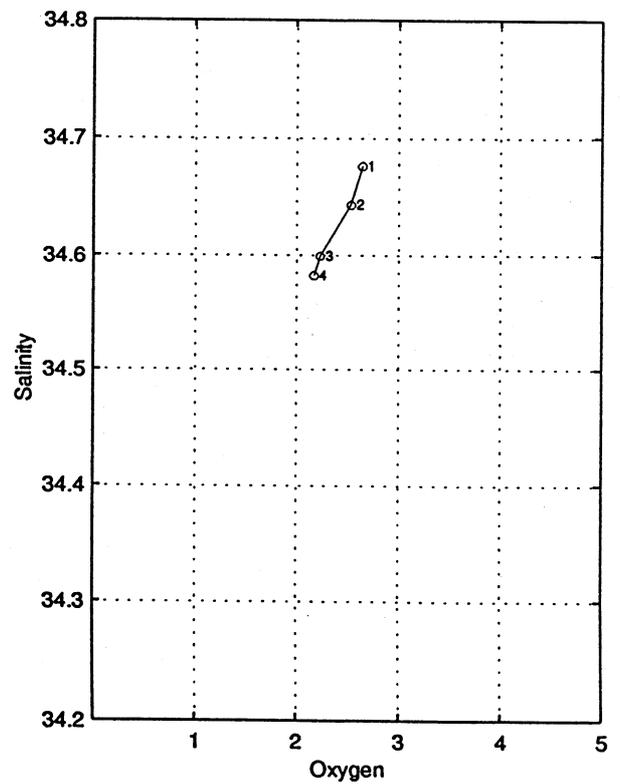
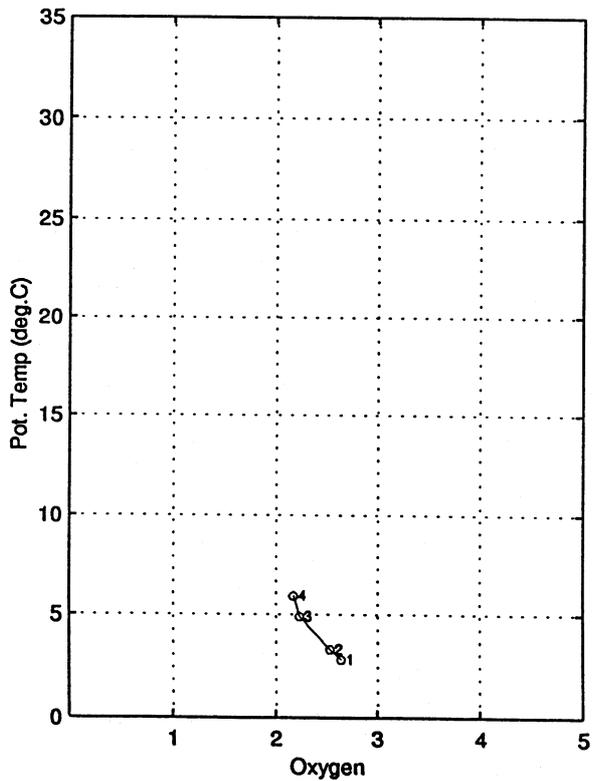
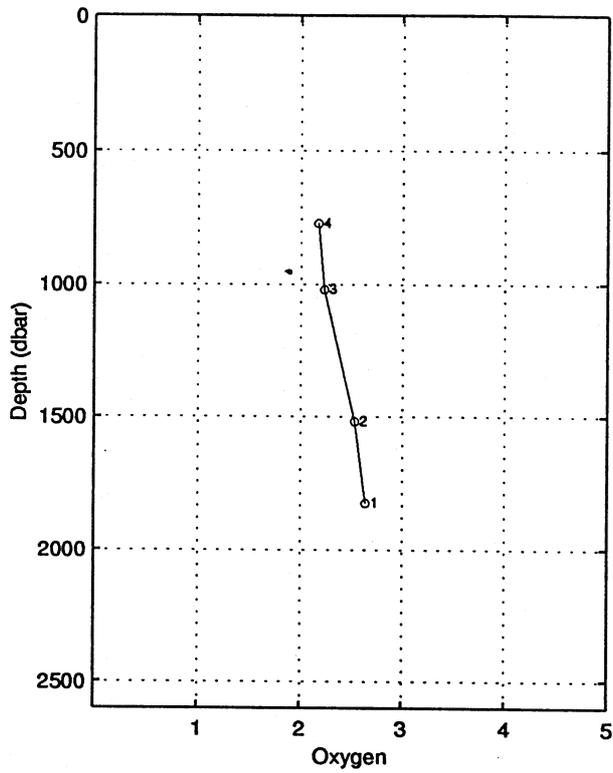
JADE 95

## Oxygen Profile

Bathysonde : Guildline INSU-Brest

Area : South Banda & Timor Sea – Indonesia

Cruise name : JADE95 – R/V Baruna Jaya I



98/10/13  
17:55:51

listacor\_23

1

JADE 95

station : 23.00

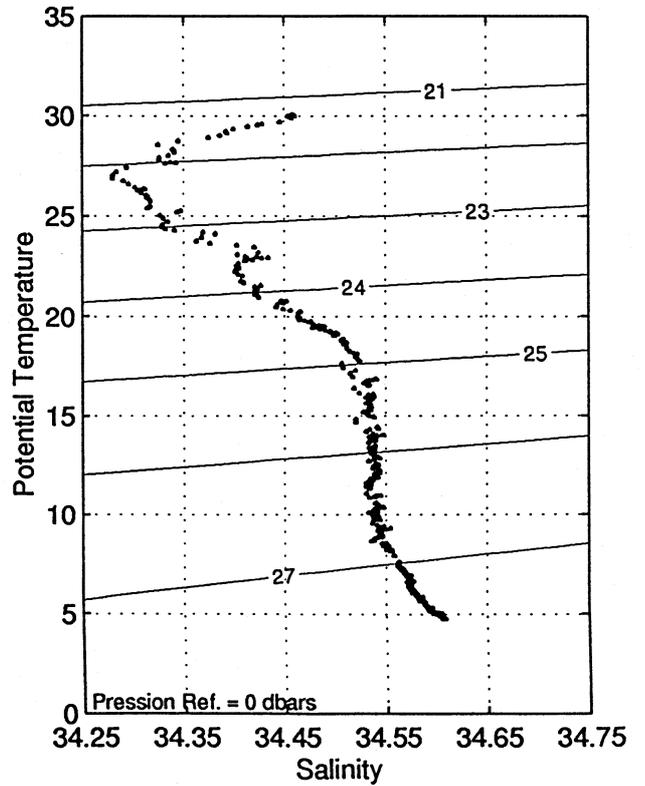
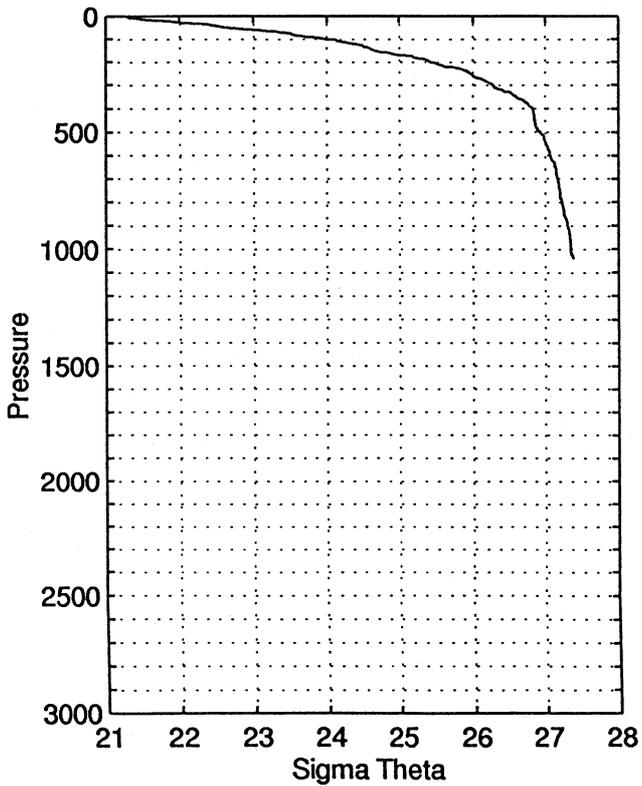
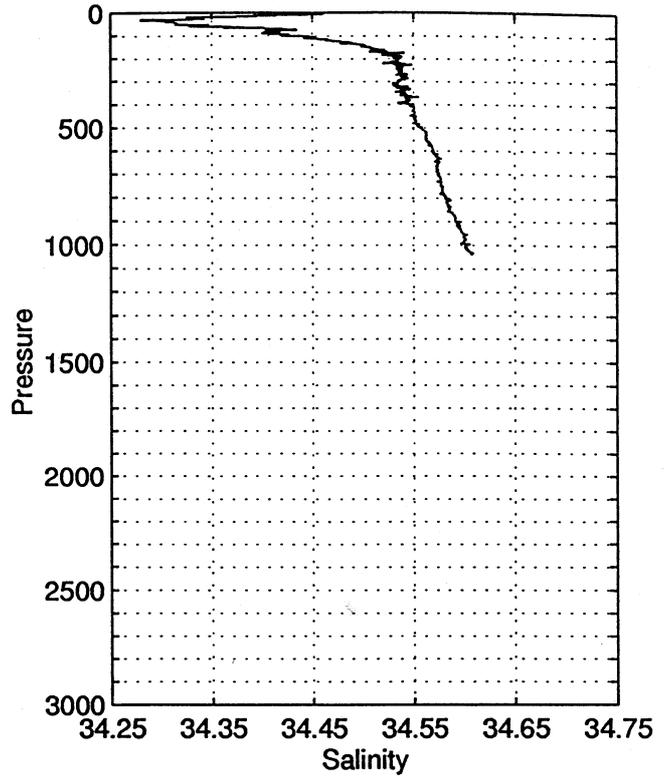
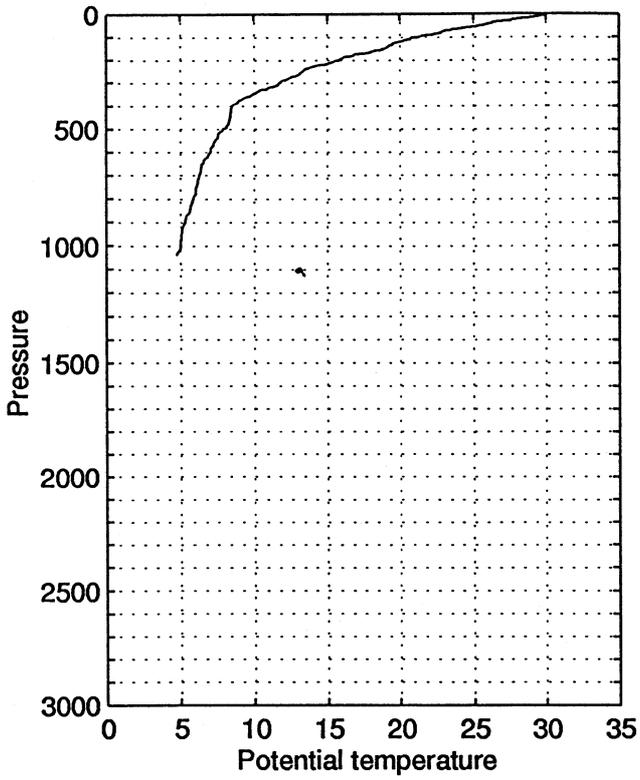
data reduction: 1 dbar

le 21/11/1995 a 2.11 tu -11.0820 122.5736 depth : 1146 m (1156.dbar)

press.	prof	temp.	theta	salin	sigtheta	sigmaamm	gamprf	gapt	avsp	h-dyn	v(sound)	bva
								(*1e5)	(mdyn)		(cph)	
0.	0.0	30.071	30.071	34.458	21.298	21.296	27.478	21.296	648.6	0.000	1545.2	0.00
10.	9.9	29.593	29.590	34.428	21.439	21.436	27.626	21.478	635.6	0.064	1544.3	7.85
20.	19.9	28.339	28.334	34.339	21.791	21.787	28.001	21.873	602.4	0.127	1541.7	16.11
30.	29.8	27.207	27.200	34.284	22.116	22.112	28.347	22.241	571.6	0.186	1539.3	13.78
40.	39.8	26.211	26.202	34.308	22.450	22.446	28.699	22.618	540.1	0.241	1537.2	8.48
50.	49.7	25.473	25.463	34.317	22.686	22.681	28.949	22.896	517.9	0.294	1535.6	9.37
60.	59.6	24.362	24.349	34.332	23.034	23.028	29.319	23.288	485.1	0.344	1533.1	10.76
71.	70.6	23.202	23.188	34.424	23.444	23.439	29.752	23.746	446.2	0.395	1530.5	9.24
80.	79.5	22.848	22.832	34.418	23.542	23.536	29.858	23.883	437.2	0.435	1529.8	5.93
90.	89.5	22.119	22.101	34.404	23.738	23.732	30.069	24.123	418.8	0.478	1528.0	10.50
100.	99.4	21.270	21.251	34.423	23.987	23.981	30.337	24.416	395.4	0.518	1526.0	7.33
110.	109.3	20.689	20.668	34.449	24.165	24.158	30.528	24.638	378.7	0.556	1524.6	5.47
120.	119.3	19.981	19.959	34.465	24.366	24.359	30.744	24.883	359.9	0.593	1522.8	6.04
130.	129.2	19.512	19.489	34.484	24.503	24.495	30.892	25.064	347.2	0.628	1521.7	0.00
140.	139.2	19.202	19.177	34.501	24.596	24.588	30.992	25.201	338.6	0.663	1521.0	4.76
150.	149.1	18.905	18.878	34.508	24.677	24.670	31.081	25.326	331.2	0.696	1520.3	5.80
160.	159.0	18.205	18.178	34.519	24.861	24.853	31.281	25.555	313.9	0.729	1518.5	8.87
170.	169.0	17.479	17.451	34.508	25.030	25.022	31.468	25.770	298.0	0.760	1516.5	12.41
180.	178.9	16.788	16.759	34.530	25.211	25.203	31.667	25.996	280.9	0.788	1514.6	3.66
190.	188.8	16.075	16.045	34.533	25.379	25.371	31.853	26.210	265.1	0.816	1512.6	6.46
201.	199.8	15.701	15.669	34.530	25.462	25.454	31.947	26.343	257.4	0.844	1511.7	7.10
210.	208.7	15.355	15.322	34.535	25.543	25.535	32.037	26.464	249.9	0.867	1510.7	4.29
220.	218.6	14.725	14.692	34.520	25.670	25.662	32.181	26.638	238.0	0.892	1508.9	10.06
230.	228.6	13.985	13.952	34.533	25.837	25.829	32.368	26.852	222.1	0.914	1506.7	5.43
240.	238.5	13.541	13.507	34.540	25.934	25.927	32.478	26.995	213.0	0.936	1505.4	2.90
250.	248.4	13.337	13.302	34.538	25.975	25.967	32.525	27.081	209.3	0.957	1504.9	2.14
260.	258.4	13.189	13.152	34.537	26.005	25.997	32.559	27.156	206.7	0.978	1504.6	0.00
270.	268.3	12.847	12.810	34.538	26.073	26.066	32.637	27.271	200.3	0.998	1503.6	3.16
280.	278.2	12.361	12.323	34.543	26.172	26.165	32.751	27.417	190.9	1.018	1502.1	6.49
290.	288.1	11.987	11.949	34.539	26.241	26.234	32.831	27.532	184.4	1.037	1501.0	6.95
300.	298.1	11.749	11.710	34.536	26.284	26.276	32.880	27.620	180.6	1.055	1500.4	2.14
320.	317.9	11.031	10.991	34.545	26.423	26.416	33.042	27.854	167.4	1.090	1498.2	6.74
340.	337.8	10.227	10.187	34.537	26.559	26.551	33.203	28.084	154.5	1.122	1495.7	5.10
361.	358.6	9.597	9.556	34.537	26.665	26.658	33.329	28.289	144.5	1.154	1493.8	6.26
380.	377.5	8.994	8.953	34.546	26.770	26.763	33.454	28.484	134.5	1.180	1491.9	1.52
400.	397.3	8.577	8.535	34.546	26.836	26.829	33.534	28.644	128.3	1.207	1490.7	2.31
420.	417.2	8.509	8.465	34.550	26.850	26.843	33.550	28.749	127.3	1.232	1490.7	0.00
440.	437.0	8.483	8.436	34.551	26.855	26.848	33.557	28.844	127.2	1.258	1491.0	0.62
460.	456.9	8.399	8.351	34.551	26.868	26.861	33.573	28.948	126.3	1.283	1491.0	1.75
480.	476.7	8.297	8.247	34.552	26.885	26.877	33.593	29.056	124.9	1.308	1490.9	1.75
500.	496.6	7.957	7.906	34.558	26.941	26.933	33.660	29.206	119.7	1.333	1490.0	1.38
520.	516.4	7.629	7.577	34.563	26.993	26.985	33.724	29.352	114.8	1.356	1489.1	0.00
542.	538.2	7.553	7.499	34.562	27.004	26.995	33.737	29.463	114.1	1.381	1489.2	2.05
560.	556.1	7.339	7.284	34.564	27.036	27.028	33.776	29.579	111.1	1.401	1488.6	0.00
580.	575.9	7.151	7.095	34.568	27.066	27.058	33.813	29.702	108.4	1.424	1488.2	3.66
600.	595.7	7.101	7.043	34.569	27.074	27.066	33.823	29.801	107.9	1.445	1488.4	2.83
650.	645.3	6.546	6.486	34.574	27.153	27.145	33.922	30.114	100.4	1.497	1487.0	0.62
700.	694.8	6.367	6.303	34.575	27.178	27.169	33.953	30.368	98.6	1.547	1487.2	1.24
750.	744.4	6.147	6.079	34.579	27.210	27.201	33.994	30.630	95.9	1.596	1487.1	2.83
800.	793.9	5.951	5.879	34.583	27.238	27.229	34.029	30.888	93.6	1.643	1487.2	0.00
850.	843.4	5.727	5.653	34.586	27.269	27.260	34.068	31.150	91.0	1.689	1487.1	1.24
900.	892.9	5.398	5.320	34.592	27.314	27.305	34.126	31.429	86.7	1.734	1486.6	1.60
952.	944.4	5.154	5.073	34.600	27.350	27.340	34.170	31.705	83.5	1.778	1486.5	1.92
999.	990.9	5.101	5.017	34.603	27.359	27.349	34.181	31.947	83.1	1.817	1487.1	0.00
fin	1041.	1032.5	4.869	4.783	34.607	27.389	27.379	34.220	0.000	1.9*****	0.0	

Mean vertical sound speed between 0. et 1041. dbar : 1497.9 m/s  
Reference pressure for gamprf : 1500. dbar

JADE 95 Station 23 - (21 Nov 95)



# STATION 23

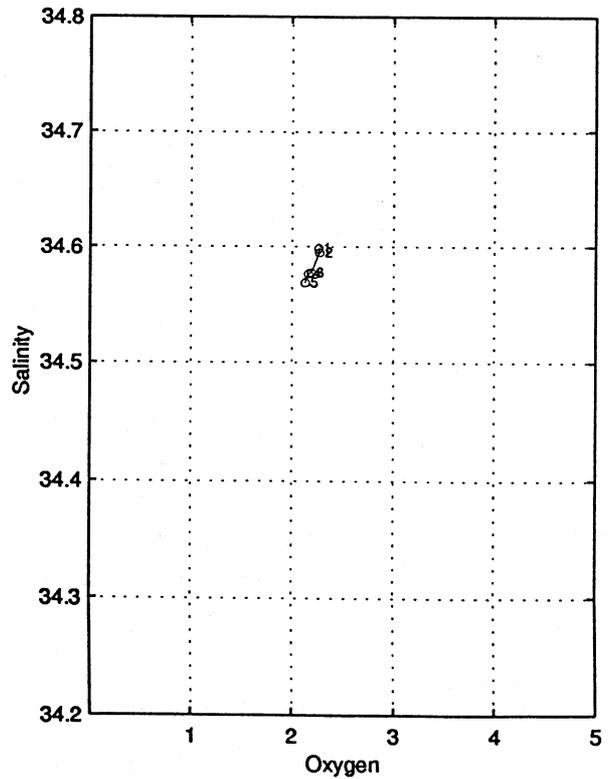
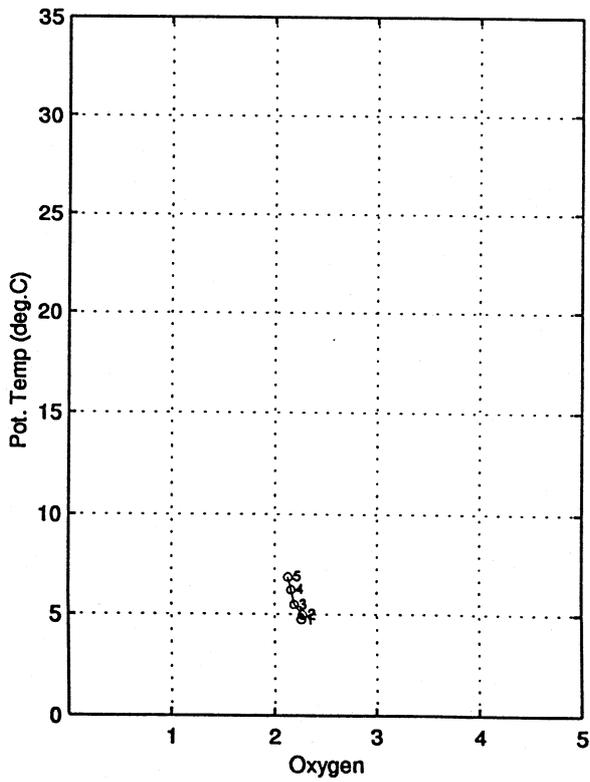
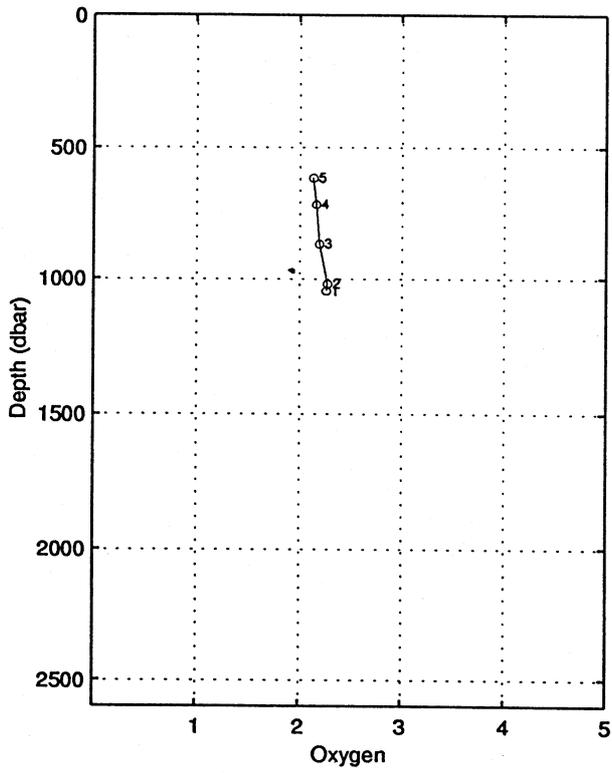
JADE 95

## Oxygen Profile

Bathysonde : Guildline INSU-Brest

Area : South Banda & Timor Sea - Indonesia

Cruise name : JADE95 - R/V Baruna Jaya I





98/10/14  
09:26:10

listacor\_24

1

JADE 95

station : 24.00

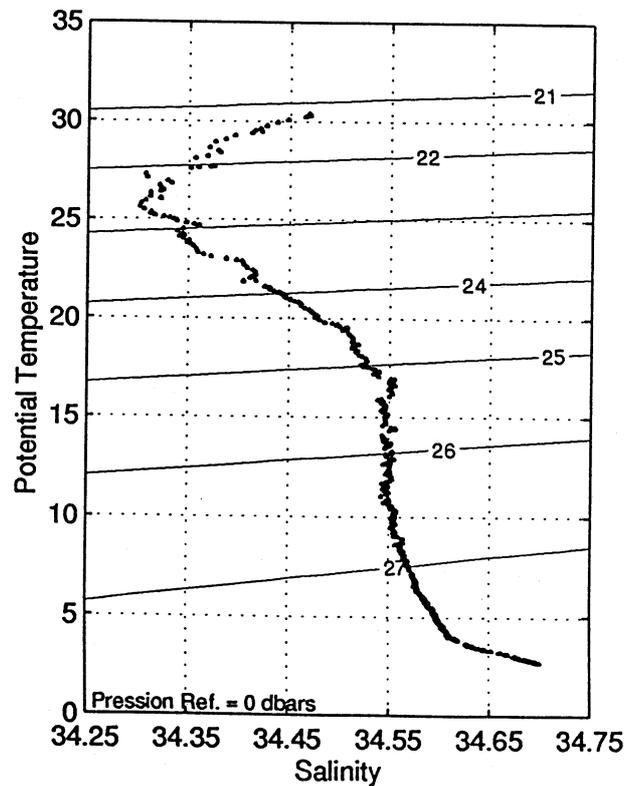
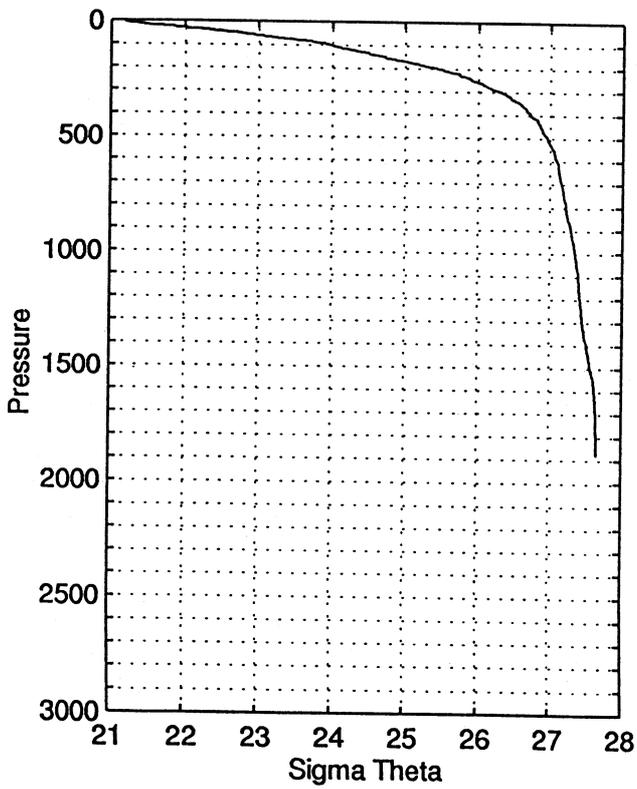
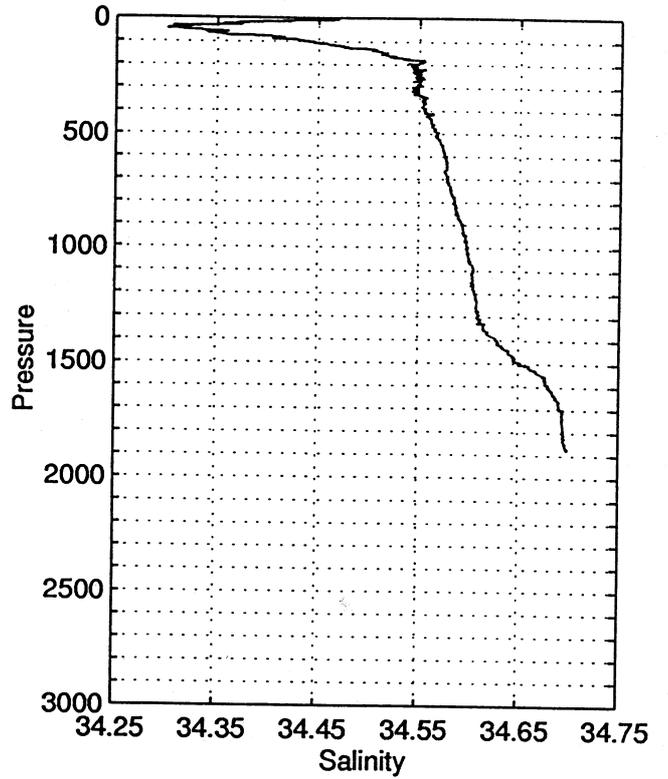
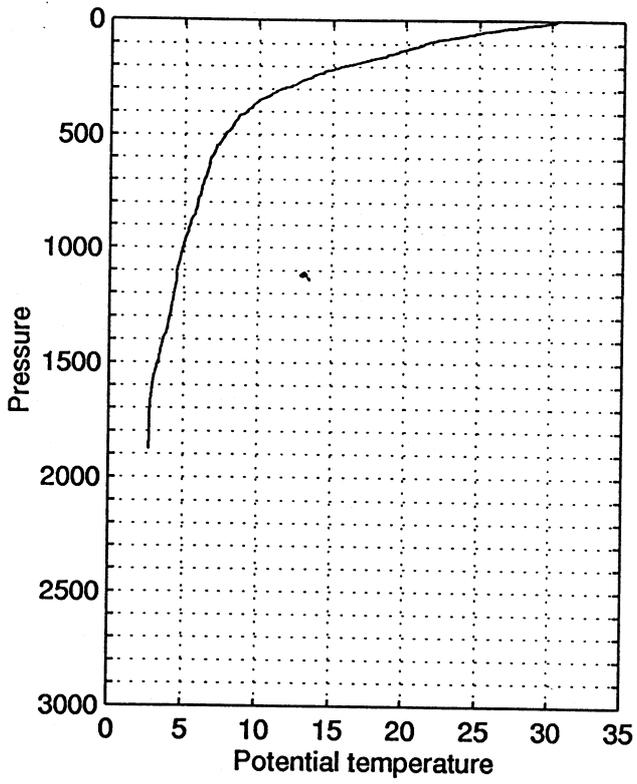
data reduction: 1 dbar

le 21/11/1995 a 4.20 tu -11.1385 122.5956 depth : 1950 m (1970.dbar)

press.	prof	temp.	theta	salin	sigtheta	sigmaamm	gamprf	gapts	avsp	h-dyn	v(sound)	bva
								(*1e5)	(mdyn)		(cph)	
4.	4.0	30.397	30.396	34.468	21.195	21.192	27.369	21.209	658.8	0.000	1545.9	0.00
10.	9.9	30.080	30.078	34.447	21.288	21.285	27.467	21.327	650.1	0.039	1545.4	11.04
20.	19.9	28.670	28.665	34.370	21.704	21.701	27.908	21.786	610.6	0.103	1542.5	16.89
30.	29.8	27.638	27.631	34.359	22.035	22.030	28.257	22.159	579.4	0.162	1540.4	3.62
40.	39.8	26.338	26.329	34.312	22.414	22.409	28.660	22.581	543.6	0.218	1537.5	6.63
50.	49.7	25.206	25.195	34.316	22.767	22.762	29.035	22.978	510.2	0.270	1535.0	9.18
60.	59.6	24.529	24.516	34.345	22.993	22.988	29.275	23.247	488.9	0.320	1533.6	9.08
70.	69.6	23.662	23.647	34.355	23.258	23.252	29.557	23.555	464.0	0.368	1531.6	9.11
80.	79.5	22.586	22.570	34.408	23.609	23.603	29.930	23.950	430.9	0.412	1529.1	11.81
91.	90.5	21.638	21.621	34.426	23.888	23.882	30.229	24.278	404.5	0.458	1526.8	11.71
100.	99.4	21.294	21.275	34.439	23.994	23.987	30.342	24.422	394.8	0.494	1526.0	4.42
110.	109.3	20.958	20.937	34.451	24.095	24.088	30.451	24.567	385.5	0.533	1525.3	5.47
120.	119.3	20.372	20.350	34.472	24.268	24.261	30.637	24.784	369.3	0.571	1523.9	6.61
130.	129.2	19.788	19.764	34.493	24.438	24.431	30.821	24.998	353.4	0.607	1522.5	7.03
140.	139.2	19.425	19.400	34.503	24.540	24.532	30.931	25.145	344.0	0.642	1521.6	6.61
150.	149.1	18.716	18.690	34.518	24.732	24.724	31.140	25.381	325.9	0.675	1519.8	0.62
160.	159.0	18.354	18.326	34.516	24.822	24.814	31.239	25.515	317.7	0.708	1518.9	6.31
170.	169.0	17.581	17.552	34.528	25.021	25.013	31.457	25.760	298.9	0.738	1516.8	5.64
180.	178.9	17.009	16.979	34.551	25.176	25.168	31.626	25.960	284.4	0.768	1515.3	10.25
190.	188.8	16.486	16.455	34.549	25.297	25.289	31.761	26.127	273.0	0.796	1513.9	7.76
200.	198.8	15.773	15.742	34.542	25.454	25.447	31.937	26.331	258.1	0.822	1511.9	4.55
210.	208.7	15.312	15.280	34.543	25.559	25.551	32.054	26.481	248.4	0.847	1510.6	7.68
220.	218.6	14.526	14.494	34.552	25.737	25.729	32.253	26.705	231.5	0.871	1508.3	10.06
230.	228.6	14.383	14.349	34.550	25.766	25.758	32.286	26.780	229.0	0.894	1508.0	4.95
240.	238.5	13.822	13.787	34.546	25.881	25.873	32.417	26.941	218.1	0.917	1506.3	5.74
250.	248.4	13.607	13.572	34.549	25.928	25.921	32.470	27.033	213.8	0.938	1505.8	1.96
260.	258.4	13.206	13.170	34.547	26.008	26.000	32.561	27.159	206.4	0.959	1504.6	4.11
270.	268.3	12.797	12.760	34.552	26.094	26.086	32.659	27.292	198.3	0.979	1503.4	6.06
280.	278.2	12.511	12.473	34.550	26.149	26.141	32.723	27.393	193.2	0.999	1502.6	4.89
290.	288.1	12.218	12.179	34.547	26.203	26.195	32.786	27.493	188.2	1.018	1501.8	4.38
300.	298.1	11.599	11.560	34.549	26.322	26.315	32.924	27.660	176.8	1.036	1499.9	6.79
320.	317.9	10.922	10.883	34.549	26.446	26.438	33.068	27.877	165.2	1.070	1497.8	2.32
340.	337.8	10.474	10.434	34.553	26.528	26.521	33.164	28.052	157.6	1.103	1496.6	2.05
360.	357.6	9.957	9.915	34.554	26.619	26.611	33.271	28.235	149.1	1.133	1495.1	3.86
380.	377.5	9.597	9.554	34.554	26.679	26.671	33.343	28.388	143.6	1.162	1494.1	1.24
400.	397.3	9.265	9.221	34.556	26.735	26.728	33.410	28.537	138.4	1.191	1493.2	3.27
420.	417.2	8.708	8.663	34.560	26.827	26.820	33.521	28.724	129.7	1.217	1491.5	1.52
440.	437.0	8.510	8.463	34.562	26.860	26.852	33.560	28.849	126.8	1.243	1491.1	2.70
460.	456.9	8.327	8.279	34.565	26.890	26.883	33.597	28.971	124.1	1.268	1490.7	3.03
480.	476.7	8.127	8.077	34.566	26.922	26.914	33.635	29.095	121.3	1.293	1490.3	1.96
500.	496.6	7.826	7.775	34.568	26.968	26.960	33.691	29.234	117.0	1.317	1489.5	0.00
524.	520.4	7.584	7.532	34.571	27.006	26.998	33.738	29.383	113.6	1.344	1489.0	2.60
540.	536.2	7.424	7.370	34.571	27.029	27.021	33.767	29.481	111.5	1.362	1488.6	2.37
560.	556.1	7.202	7.148	34.574	27.063	27.055	33.808	29.608	108.4	1.384	1488.1	1.52
580.	575.9	7.090	7.034	34.575	27.080	27.072	33.829	29.716	107.0	1.406	1488.0	2.14
600.	595.7	6.884	6.827	34.577	27.109	27.101	33.866	29.839	104.2	1.427	1487.5	2.19
650.	645.3	6.692	6.631	34.578	27.137	27.128	33.900	30.095	102.2	1.478	1487.6	1.38
700.	694.8	6.415	6.350	34.580	27.176	27.167	33.949	30.365	98.9	1.529	1487.4	1.64
750.	744.4	6.216	6.148	34.582	27.204	27.195	33.985	30.623	96.6	1.578	1487.4	0.00
800.	793.9	5.998	5.927	34.586	27.235	27.226	34.024	30.884	94.0	1.625	1487.4	2.23
850.	843.4	5.815	5.740	34.589	27.261	27.251	34.056	31.140	91.9	1.672	1487.5	1.64
900.	892.9	5.505	5.428	34.595	27.304	27.294	34.111	31.416	87.9	1.717	1487.1	0.87
950.	942.4	5.265	5.184	34.597	27.334	27.324	34.150	31.678	85.2	1.760	1486.9	0.62
1000.	991.9	5.020	4.936	34.600	27.366	27.356	34.191	31.942	82.3	1.802	1486.8	2.26
1050.	1041.4	4.853	4.766	34.601	27.386	27.376	34.218	32.192	80.6	1.843	1486.9	0.00
1100.	1090.9	4.651	4.561	34.604	27.411	27.401	34.251	32.450	78.2	1.882	1486.9	0.00
1150.	1140.3	4.612	4.518	34.605	27.417	27.406	34.258	32.682	78.2	1.921	1487.6	0.00
1200.	1189.7	4.464	4.367	34.607	27.435	27.424	34.282	32.931	76.6	1.960	1487.8	0.00
1248.	1237.2	4.320	4.220	34.609	27.452	27.441	34.304	33.214	74.8	1.997	1488.0	1.24
1300.	1288.6	4.191	4.087	34.611	27.467	27.456	34.325	33.424	73.7	2.035	1488.3	1.64
1402.	1389.3	3.746	3.639	34.630	27.529	27.518	34.404	33.962	67.5	2.108	1488.2	2.10
1500.	1486.1	3.426	3.313	34.652	27.578	27.567	34.466	34.466	62.6	2.172	1488.5	0.87
1600.	1584.8	3.059	2.942	34.679	27.634	27.623	34.537	34.988	56.8	2.231	1488.7	0.00
1700.	1683.5	2.916	2.792	34.692	27.658	27.647	34.566	35.469	54.7	2.286	1489.7	1.64
1800.	1782.1	2.879	2.747	34.695	27.665	27.653	34.575	35.929	54.6	2.341	1491.3	0.00
fin	1877.	1858.0	2.833	2.695	34.699	27.672	27.660	34.584	0.000	2.4*****	0.6	

Mean vertical sound speed between 4. et 1877. dbar : 1493.9 m/s  
Reference pressure for gamprf : 1500. dbar

JADE 95 Station 24 - (21 Nov 95)



# STATION 24

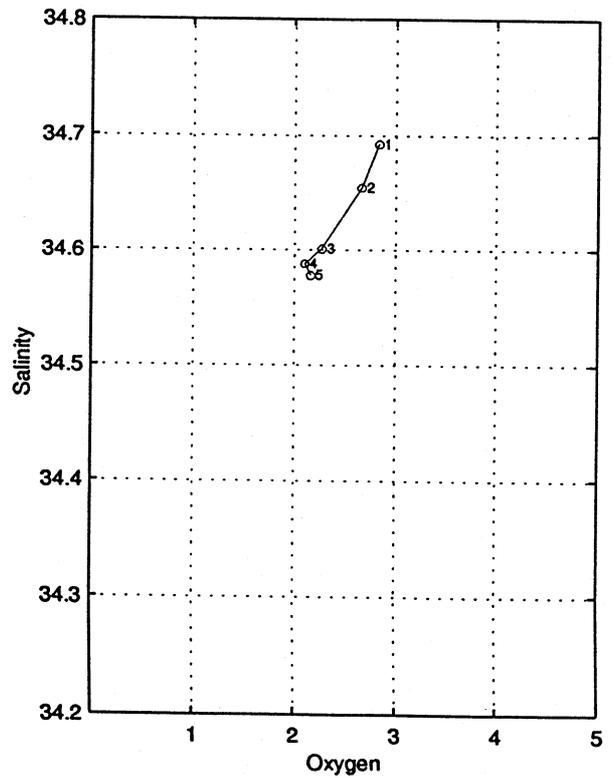
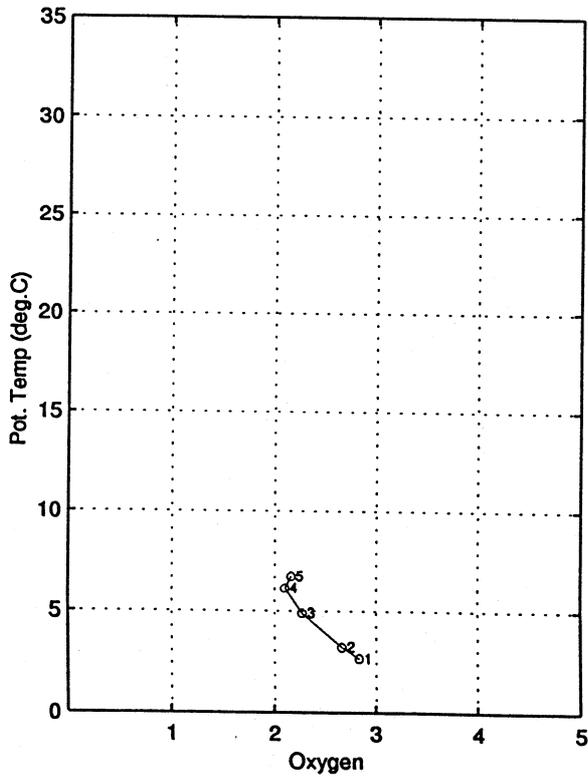
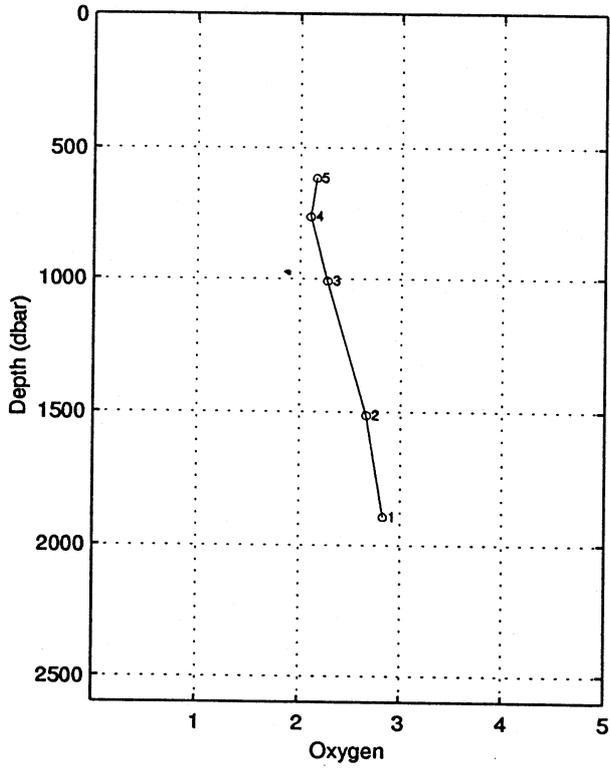
JADE 95

## Oxygen Profile

Bathysonde : Guildline INSU-Brest

Area : South Banda & Timor Sea - Indonesia

Cruise name : JADE95 - RV Baruna Jaya I



JADE 95

station : 25.00

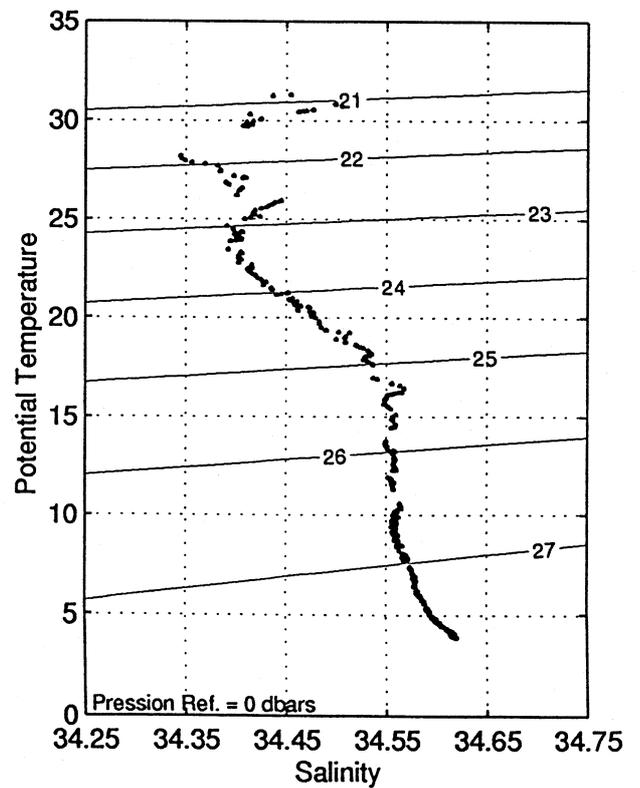
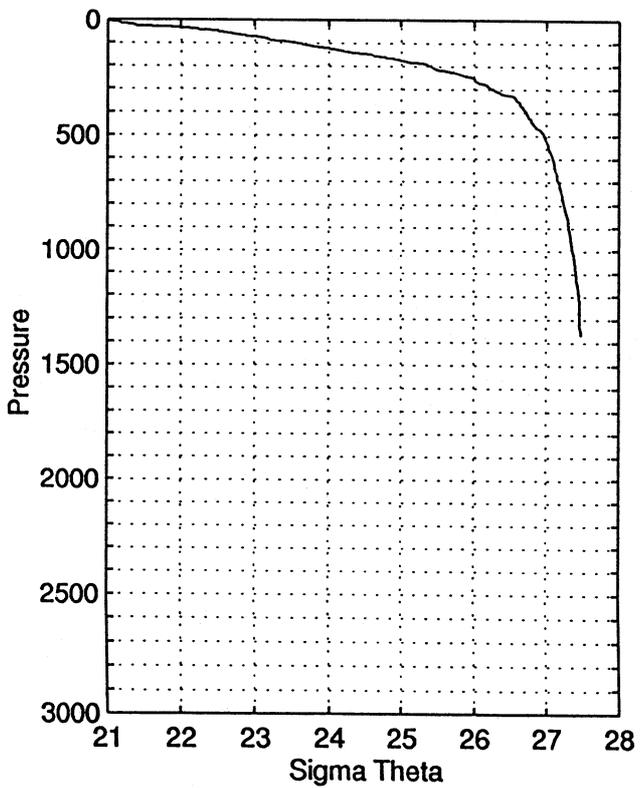
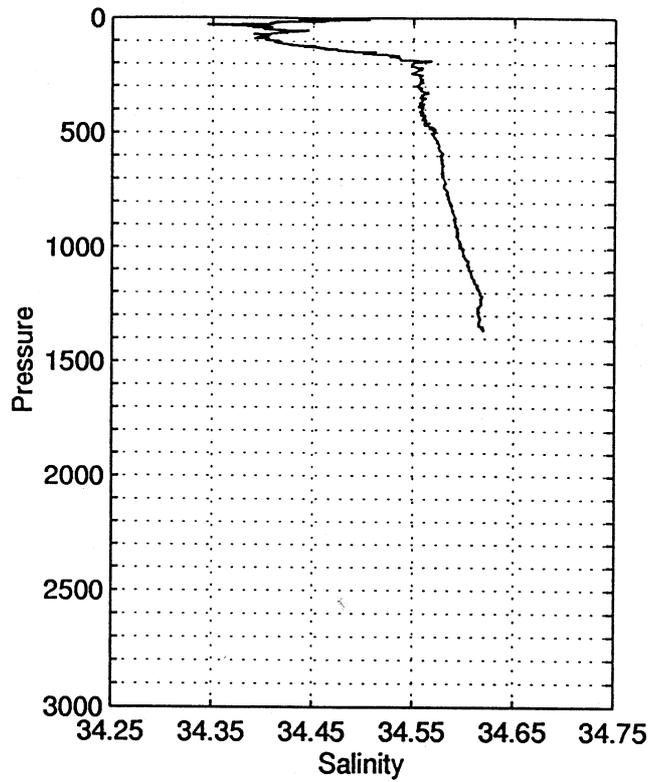
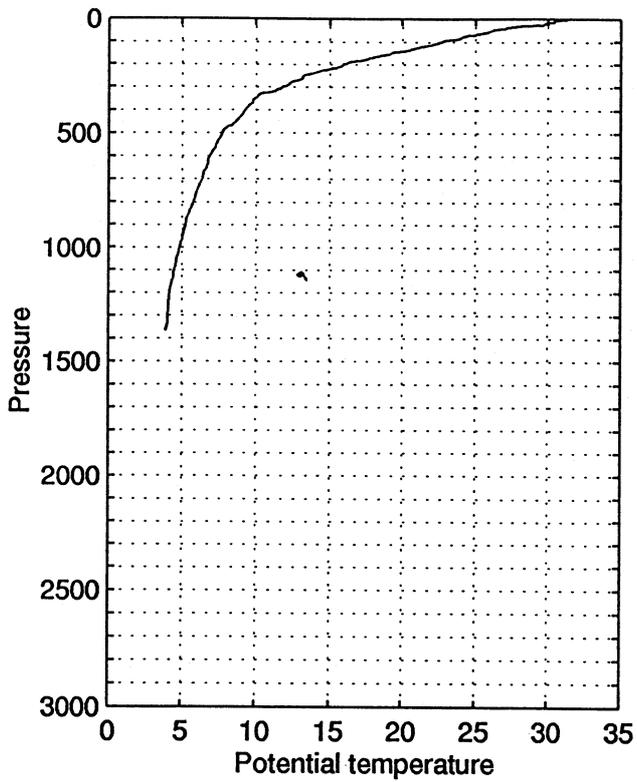
data reduction: 1 dbar

le 21/11/1995 a 6.35 tu -11.1975 123.0211 depth : 1433 m (1446.dbar)

press.	prof	temp.	theta	salin	sigtheta	sigmaamm	gamprf	gapt	avsp	h-dyn	v(sound)	bva
								(*1e5)	(mdyn)		(cph)	
4.	4.0	31.298	31.297	34.454	20.872	20.868	27.031	20.885	689.8	0.000	1547.8	0.00
10.	9.9	30.491	30.488	34.470	21.164	21.160	27.336	21.203	662.0	0.040	1546.2	4.95
20.	19.9	29.816	29.811	34.415	21.355	21.351	27.539	21.436	644.2	0.106	1545.0	10.88
30.	29.8	28.215	28.208	34.345	21.836	21.832	28.049	21.961	598.5	0.169	1541.6	15.34
40.	39.8	27.118	27.109	34.409	22.240	22.235	28.472	22.407	560.2	0.227	1539.4	5.26
49.	48.7	26.238	26.227	34.401	22.512	22.507	28.760	22.863	523.4	0.276	1537.5	0.00
60.	59.6	25.703	25.690	34.432	22.703	22.697	28.961	22.955	516.8	0.334	1536.5	6.94
71.	70.6	24.655	24.640	34.391	22.991	22.985	29.270	23.292	489.6	0.389	1534.1	9.95
80.	79.5	24.128	24.111	34.400	23.156	23.150	29.445	23.495	474.2	0.432	1533.0	5.05
90.	89.5	23.484	23.465	34.392	23.340	23.332	29.642	23.722	457.1	0.479	1531.5	11.15
101.	100.4	22.528	22.507	34.416	23.633	23.626	29.955	24.064	429.4	0.528	1529.3	7.29
110.	109.3	22.221	22.199	34.417	23.721	23.713	30.049	24.190	421.4	0.566	1528.6	8.27
120.	119.3	21.439	21.416	34.436	23.953	23.945	30.298	24.467	399.6	0.607	1526.8	8.69
130.	129.2	20.836	20.812	34.461	24.135	24.128	30.494	24.694	382.4	0.646	1525.3	8.56
140.	139.2	20.264	20.238	34.478	24.302	24.293	30.673	24.904	366.9	0.684	1524.0	8.08
149.	148.1	19.275	19.248	34.513	24.587	24.579	30.981	25.307	335.7	0.716	1521.4	7.88
160.	159.0	18.664	18.636	34.519	24.747	24.739	31.156	25.440	324.9	0.753	1519.8	11.25
170.	169.0	17.928	17.899	34.527	24.935	24.927	31.363	25.674	307.1	0.784	1517.9	7.93
185.	183.9	17.007	16.976	34.537	25.165	25.157	31.615	25.972	285.5	0.829	1515.4	6.51
190.	188.8	16.315	16.285	34.566	25.349	25.341	31.817	26.180	268.0	0.842	1513.4	10.76
200.	198.8	15.966	15.935	34.549	25.416	25.408	31.893	26.292	261.9	0.869	1512.5	6.22
212.	210.7	15.697	15.664	34.548	25.477	25.468	31.961	26.405	256.4	0.900	1511.8	4.31
220.	218.6	15.075	15.042	34.556	25.621	25.613	32.123	26.588	242.7	0.920	1510.0	7.78
229.	227.6	14.501	14.467	34.555	25.745	25.737	32.262	26.954	217.8	0.941	1508.4	4.42
250.	248.4	13.327	13.292	34.557	25.991	25.984	32.541	27.098	207.8	0.988	1504.9	6.81
260.	258.4	13.200	13.164	34.557	26.017	26.009	32.571	27.168	205.5	1.008	1504.6	1.86
270.	268.3	12.959	12.922	34.558	26.066	26.058	32.627	27.263	201.0	1.029	1504.0	1.38
280.	278.2	12.450	12.412	34.558	26.167	26.159	32.742	27.411	191.5	1.048	1502.4	5.10
286.	284.2	12.332	12.294	34.557	26.189	26.181	32.768	27.584	183.5	1.060	1502.1	1.64
300.	298.1	11.917	11.879	34.555	26.267	26.259	32.858	27.602	182.3	1.086	1501.0	6.40
318.	315.9	11.377	11.337	34.557	26.370	26.362	32.978	27.966	159.4	1.118	1499.4	1.96
339.	336.8	10.200	10.160	34.560	26.581	26.574	33.226	28.127	151.8	1.151	1495.6	4.06
360.	357.6	9.847	9.806	34.558	26.641	26.633	33.297	28.258	147.0	1.182	1494.7	1.86
381.	378.5	9.589	9.546	34.556	26.682	26.674	33.346	28.396	143.3	1.213	1494.1	1.24
400.	397.3	9.344	9.299	34.559	26.725	26.717	33.397	28.526	139.5	1.240	1493.5	1.96
420.	417.2	9.151	9.104	34.559	26.756	26.749	33.435	28.649	136.7	1.267	1493.1	0.87
440.	437.0	8.865	8.818	34.561	26.804	26.796	33.492	28.789	132.4	1.294	1492.4	1.24
460.	456.9	8.505	8.456	34.566	26.864	26.857	33.565	28.943	126.7	1.320	1491.4	5.25
480.	476.7	8.029	7.980	34.569	26.939	26.931	33.655	29.112	119.6	1.345	1489.9	1.45
500.	496.6	7.784	7.733	34.570	26.976	26.968	33.701	29.243	116.2	1.368	1489.3	1.64
503.	499.5	7.766	7.715	34.568	26.977	26.969	33.702	29.481	111.4	1.372	1489.3	0.00
540.	536.2	7.433	7.380	34.574	27.030	27.022	33.767	29.487	111.3	1.414	1488.7	2.13
561.	557.0	7.312	7.257	34.576	27.049	27.041	33.790	29.597	109.8	1.437	1488.6	1.69
579.	574.9	7.118	7.062	34.577	27.077	27.069	33.825	29.803	105.0	1.457	1488.1	1.86
600.	595.7	6.929	6.872	34.579	27.105	27.097	33.860	29.834	104.7	1.479	1487.7	2.70
647.	642.3	6.747	6.686	34.579	27.130	27.122	33.892	30.195	100.3	1.528	1487.8	0.62
695.	689.9	6.460	6.396	34.580	27.170	27.161	33.942	30.475	96.9	1.576	1487.5	1.75
756.	750.3	6.043	5.975	34.584	27.228	27.219	34.015	30.677	94.2	1.635	1486.8	1.77
793.	787.0	5.898	5.827	34.586	27.247	27.238	34.040	30.955	91.3	1.670	1486.9	0.87
840.	833.5	5.614	5.541	34.588	27.285	27.276	34.088	31.291	86.5	1.712	1486.5	0.00
900.	892.9	5.331	5.254	34.592	27.322	27.313	34.136	31.438	85.8	1.765	1486.4	0.00
950.	942.4	5.134	5.054	34.595	27.348	27.338	34.169	31.694	83.6	1.807	1486.4	0.87
1000.	991.9	4.955	4.872	34.597	27.371	27.361	34.198	31.948	81.7	1.848	1486.5	0.87
1050.	1041.4	4.735	4.649	34.602	27.400	27.390	34.236	32.210	78.9	1.888	1486.4	0.00
1100.	1090.8	4.583	4.494	34.605	27.420	27.410	34.262	32.460	77.2	1.927	1486.6	0.00
1150.	1140.3	4.424	4.331	34.612	27.442	27.432	34.291	32.713	75.3	1.966	1486.8	1.96
1200.	1189.7	4.267	4.172	34.617	27.464	27.453	34.318	32.966	73.3	2.003	1487.0	0.87
1250.	1239.2	4.202	4.103	34.618	27.472	27.461	34.329	33.202	72.9	2.039	1487.6	0.87
1300.	1288.6	4.167	4.064	34.615	27.474	27.463	34.332	33.431	73.1	2.076	1488.3	1.38
fin	1367.	1354.8	4.026	3.918	34.620	27.492	27.481	34.357	0.000	2.1*****	0.9	

Mean vertical sound speed between 4. et 1367. dbar : 1495.7 m/s  
Reference pressure for gamprf : 1500. dbar

JADE 95 Station 25 - (21 Nov 95)



# STATION 25

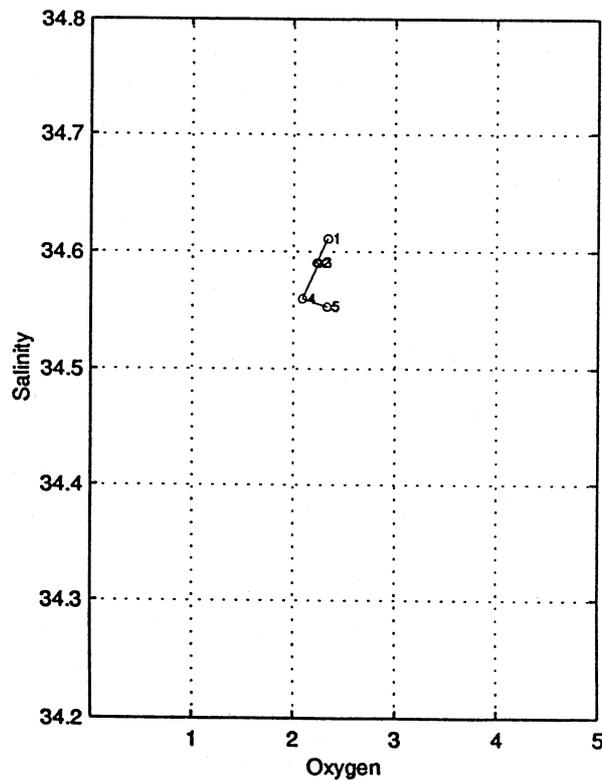
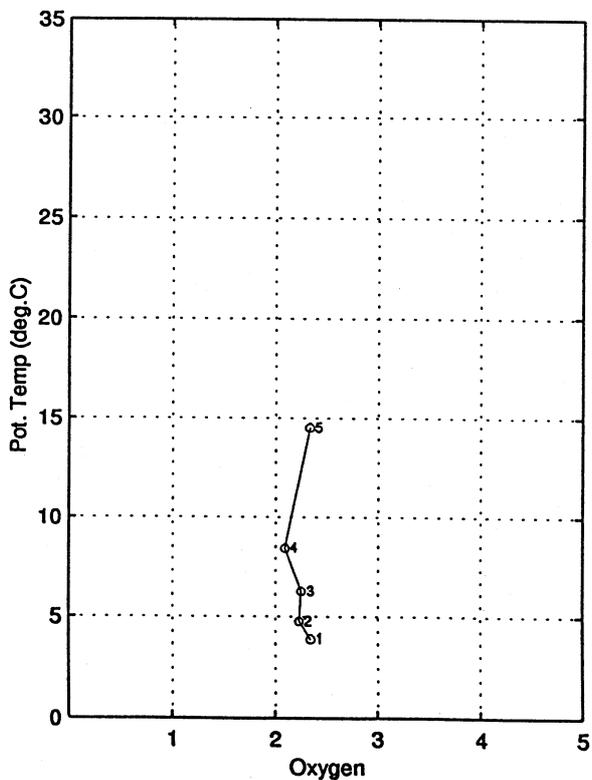
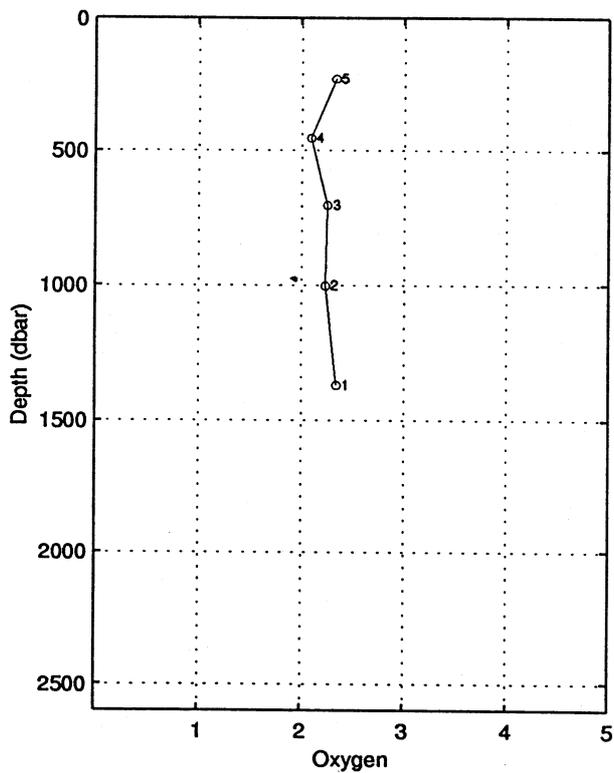
JADE 95

## Oxygen Profile

Bathysonde : Guildline INSU-Brest

Area : South Banda & Timor Sea - Indonesia

Cruise name : JADE95 - R/V Baruna Jaya I



98/10/14  
09:33:43

listacor\_26

1

JADE 95

station : 26.00

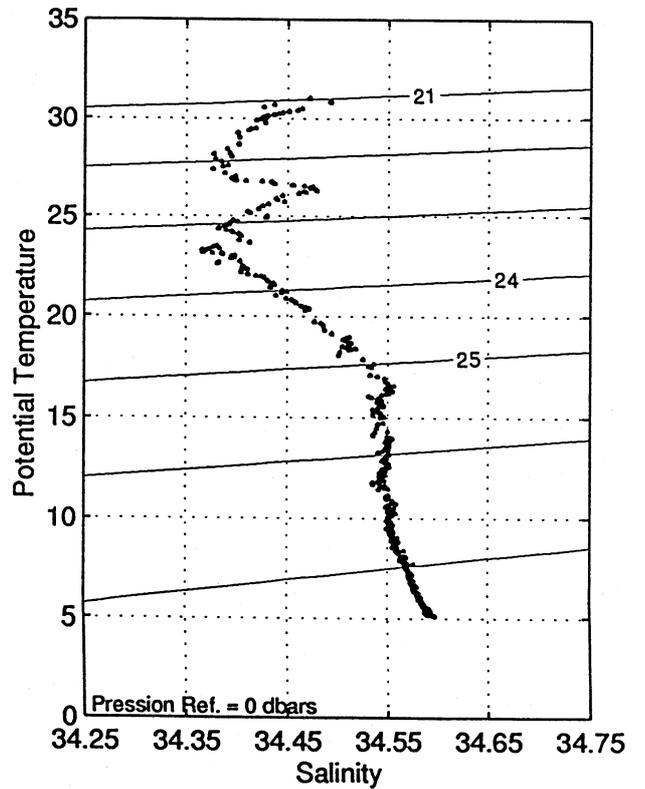
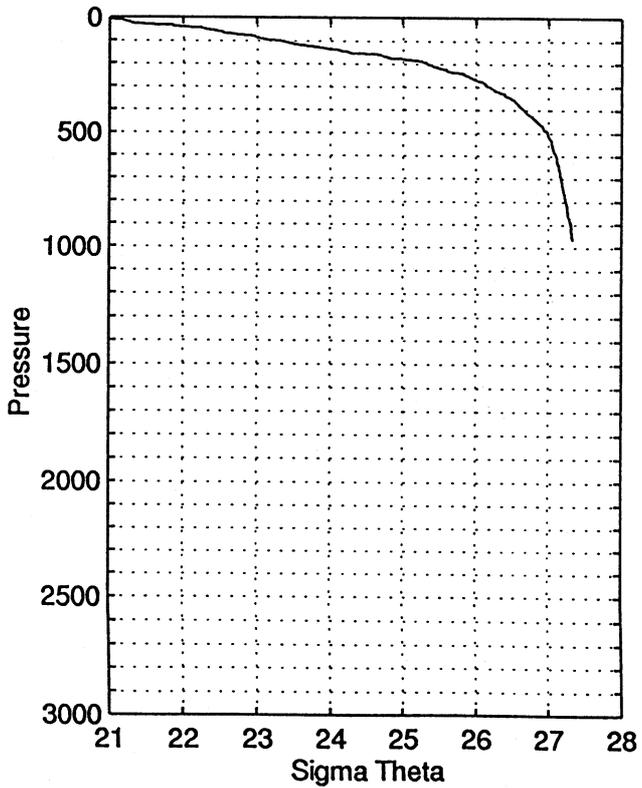
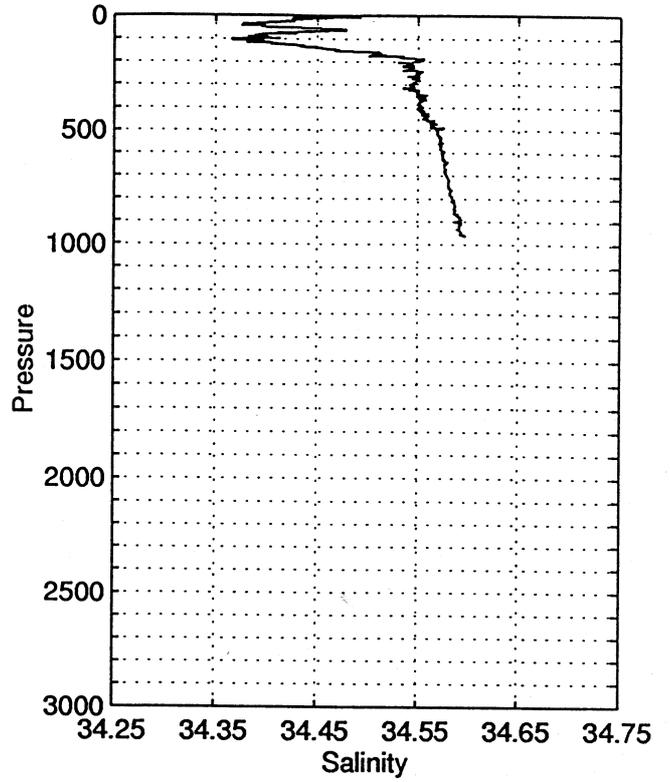
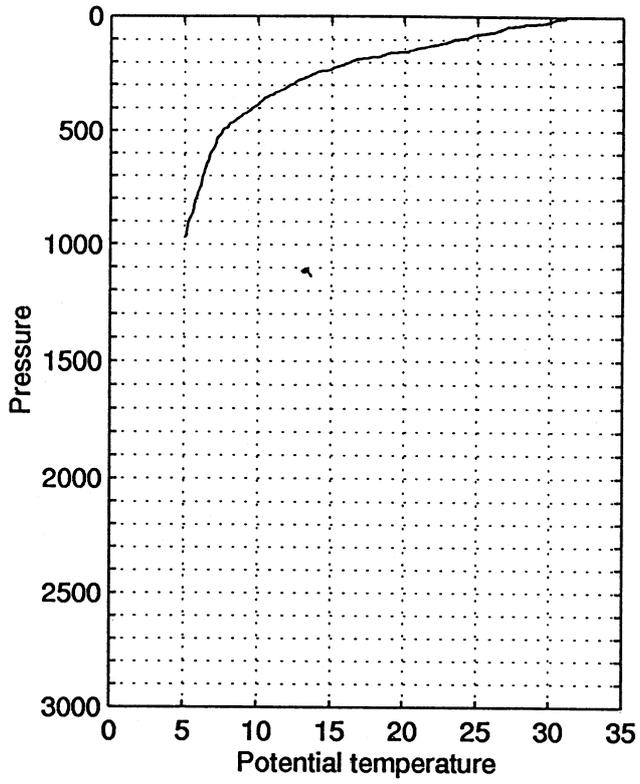
data reduction: 1 dbar

le 21/11/1995 a 8.55 tu -11.2446 123.0461 depth : 1013 m (1021.dbar)

press.	prof	temp.	theta	salin	sigtheta	sigmaamnat	gamprf	gpts	avsp	h-dyn	v(sound)	bva
								(*1e5)	(mdyn)		(cph)	
6.	6.0	31.026	31.025	34.472	20.979	20.976	27.143	21.002	679.5	0.000	1547.3	0.00
10.	9.9	30.565	30.562	34.426	21.106	21.102	27.277	21.145	667.6	0.027	1546.3	10.51
20.	19.9	30.051	30.046	34.425	21.282	21.278	27.462	21.363	651.2	0.093	1545.5	6.52
30.	29.8	29.273	29.265	34.401	21.528	21.523	27.721	21.651	628.1	0.157	1544.0	10.35
40.	39.8	27.795	27.785	34.384	22.004	21.999	28.223	22.170	582.9	0.217	1540.9	12.10
50.	49.7	26.837	26.826	34.399	22.322	22.317	28.559	22.532	552.8	0.273	1538.9	5.02
60.	59.6	26.495	26.482	34.472	22.486	22.480	28.729	22.738	537.6	0.328	1538.4	5.19
70.	69.6	25.847	25.832	34.440	22.665	22.658	28.920	22.959	520.9	0.381	1537.0	9.83
80.	79.5	24.761	24.744	34.397	22.965	22.958	29.241	23.303	492.6	0.431	1534.5	6.46
90.	89.5	24.406	24.387	34.382	23.060	23.053	29.344	23.441	483.9	0.480	1533.8	6.71
100.	99.4	23.453	23.433	34.376	23.337	23.329	29.640	23.762	457.8	0.527	1531.6	6.44
110.	109.3	23.014	22.991	34.398	23.481	23.473	29.793	23.949	444.4	0.573	1530.7	10.65
120.	119.3	22.384	22.360	34.408	23.668	23.660	29.993	24.181	426.8	0.616	1529.2	6.62
130.	129.2	21.657	21.632	34.436	23.893	23.884	30.234	24.449	405.7	0.658	1527.5	9.00
140.	139.2	20.846	20.819	34.454	24.129	24.120	30.487	24.730	383.5	0.698	1525.5	7.96
150.	149.1	20.371	20.342	34.471	24.269	24.260	30.638	24.914	370.4	0.735	1524.4	5.33
160.	159.0	18.979	18.950	34.508	24.659	24.651	31.061	25.351	333.3	0.771	1520.7	5.03
170.	169.0	18.447	18.418	34.518	24.800	24.792	31.215	25.537	320.1	0.803	1519.4	7.93
180.	178.9	17.546	17.516	34.533	25.034	25.025	31.470	25.817	298.0	0.835	1516.9	3.61
190.	188.8	16.600	16.570	34.553	25.273	25.265	31.733	26.102	275.3	0.863	1514.3	4.84
200.	198.8	16.301	16.269	34.552	25.342	25.334	31.810	26.216	269.0	0.890	1513.5	2.90
210.	208.7	15.918	15.885	34.544	25.424	25.416	31.903	26.343	261.4	0.917	1512.5	4.59
220.	218.6	15.365	15.331	34.538	25.543	25.535	32.037	26.509	250.2	0.942	1510.9	8.86
230.	228.6	15.079	15.044	34.543	25.611	25.602	32.112	26.621	244.0	0.967	1510.2	2.14
240.	238.5	14.194	14.159	34.535	25.795	25.787	32.321	26.853	226.4	0.991	1507.5	9.47
250.	248.4	13.884	13.848	34.549	25.871	25.863	32.405	26.975	219.4	1.013	1506.7	4.87
260.	258.4	13.527	13.490	34.550	25.946	25.938	32.490	27.095	212.5	1.034	1505.7	6.97
270.	268.3	13.202	13.164	34.550	26.012	26.003	32.565	27.207	206.3	1.055	1504.8	2.14
280.	278.2	12.750	12.712	34.550	26.102	26.094	32.669	27.344	197.8	1.076	1503.4	4.38
291.	289.1	12.533	12.494	34.544	26.140	26.132	32.714	27.432	194.4	1.097	1502.9	0.62
300.	298.1	12.231	12.191	34.547	26.201	26.193	32.783	27.535	188.7	1.114	1502.0	5.64
320.	317.9	11.657	11.616	34.546	26.309	26.301	32.909	27.735	178.6	1.151	1500.4	4.46
340.	337.8	11.082	11.040	34.551	26.419	26.411	33.036	27.938	168.4	1.186	1498.7	3.45
360.	357.6	10.413	10.370	34.550	26.537	26.529	33.175	28.150	157.2	1.218	1496.7	0.00
380.	377.5	10.089	10.044	34.551	26.594	26.586	33.242	28.299	152.0	1.249	1495.9	1.86
400.	397.3	9.669	9.624	34.552	26.666	26.658	33.328	28.464	145.4	1.279	1494.7	2.23
420.	417.2	9.256	9.210	34.554	26.735	26.727	33.411	28.627	138.8	1.307	1493.5	5.03
440.	437.0	8.764	8.716	34.559	26.818	26.811	33.510	28.804	130.9	1.334	1492.0	4.18
460.	456.9	8.369	8.321	34.560	26.880	26.872	33.585	28.960	125.2	1.360	1490.9	4.29
480.	476.7	8.017	7.968	34.563	26.936	26.928	33.653	29.110	119.9	1.384	1489.9	0.00
500.	496.6	7.636	7.586	34.568	26.996	26.988	33.726	29.264	114.2	1.407	1488.8	1.86
520.	516.4	7.470	7.419	34.570	27.022	27.014	33.758	29.382	111.9	1.430	1488.5	2.75
540.	536.2	7.254	7.201	34.573	27.054	27.047	33.798	29.508	108.9	1.452	1488.0	0.62
560.	556.1	7.185	7.131	34.571	27.063	27.055	33.809	29.608	108.4	1.474	1488.0	0.62
580.	575.9	7.050	6.995	34.573	27.083	27.075	33.834	29.720	106.6	1.495	1487.9	1.64
600.	595.7	6.823	6.766	34.573	27.115	27.107	33.874	29.846	103.6	1.516	1487.3	0.00
650.	645.3	6.552	6.492	34.576	27.153	27.145	33.922	30.115	100.4	1.568	1487.1	0.76
700.	694.8	6.338	6.273	34.578	27.185	27.176	33.961	30.375	97.9	1.617	1487.1	0.00
751.	745.4	6.121	6.053	34.582	27.216	27.207	34.000	30.641	95.4	1.667	1487.0	2.14
800.	793.9	5.895	5.824	34.584	27.247	27.238	34.039	30.898	92.7	1.713	1487.0	1.07
850.	843.4	5.689	5.615	34.588	27.275	27.266	34.075	31.157	90.3	1.758	1487.0	1.64
900.	892.9	5.398	5.321	34.591	27.313	27.304	34.125	31.428	86.8	1.803	1486.6	0.00
950.	942.4	5.273	5.192	34.593	27.331	27.321	34.147	31.674	85.5	1.846	1487.0	1.07
fin	968.	960.2	5.200	5.118	34.597	27.342	27.332	34.161	0.000	1.9*****	0.6	

Mean vertical sound speed between 6. et 968. dbar : 1499.7 m/s  
Reference pressure for gamprf : 1500. dbar

JADE 95 Station 26 - (21 Nov 95)





# STATION 26

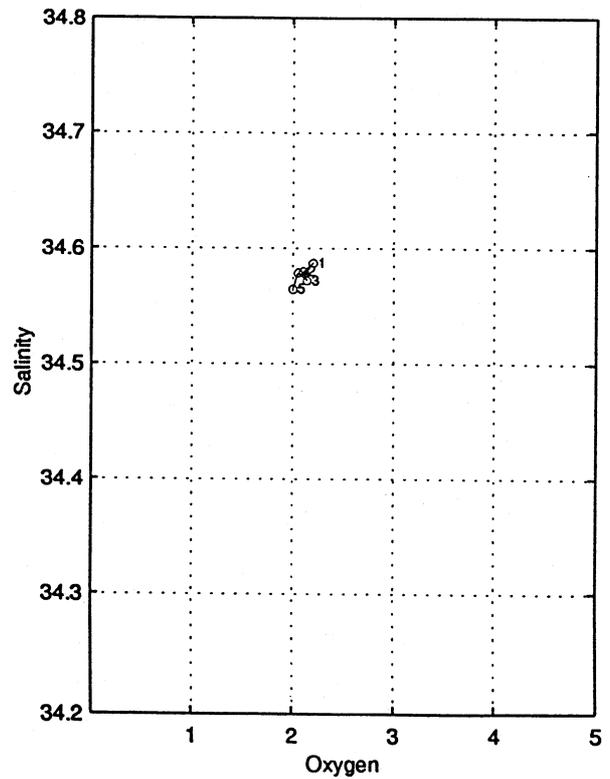
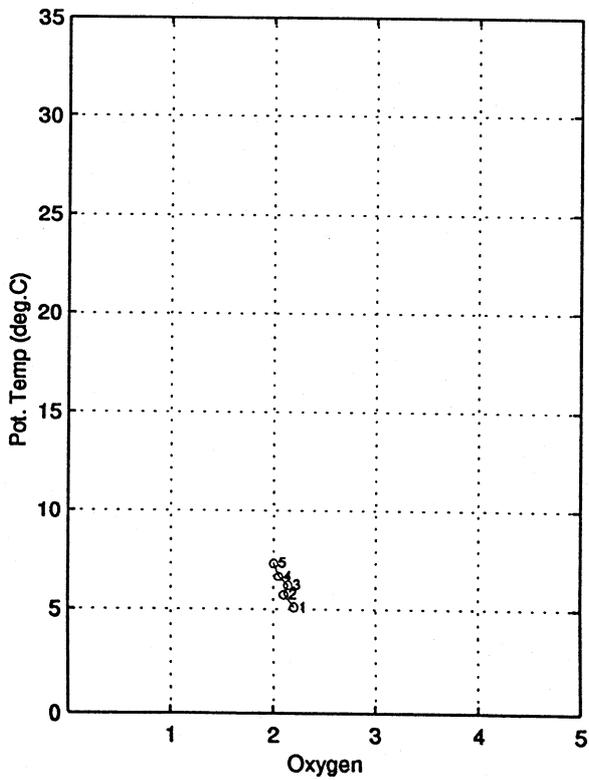
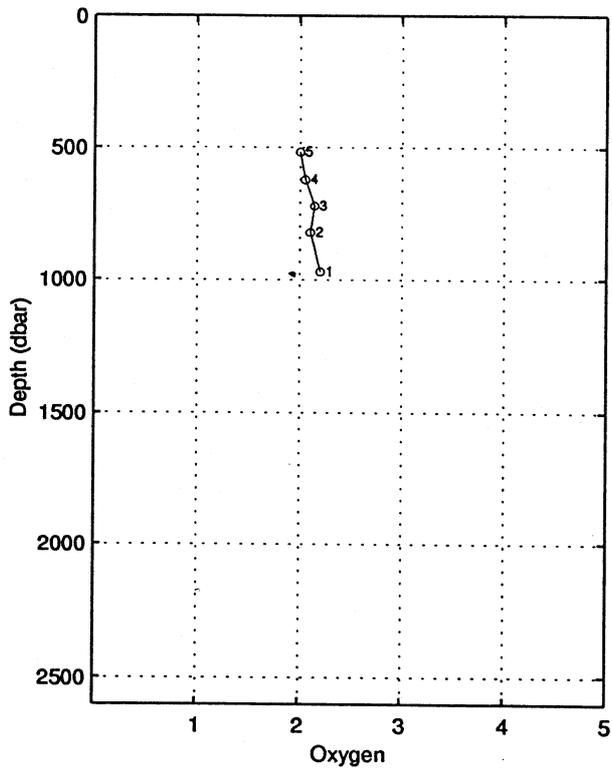
JADE 95

## Oxygen Profile

Bathysonde : Guildline INSU-Brest

Area : South Banda & Timor Sea - Indonesia

Cruise name : JADE95 - R/V Baruna Jaya I



JADE 95

station : 27.00

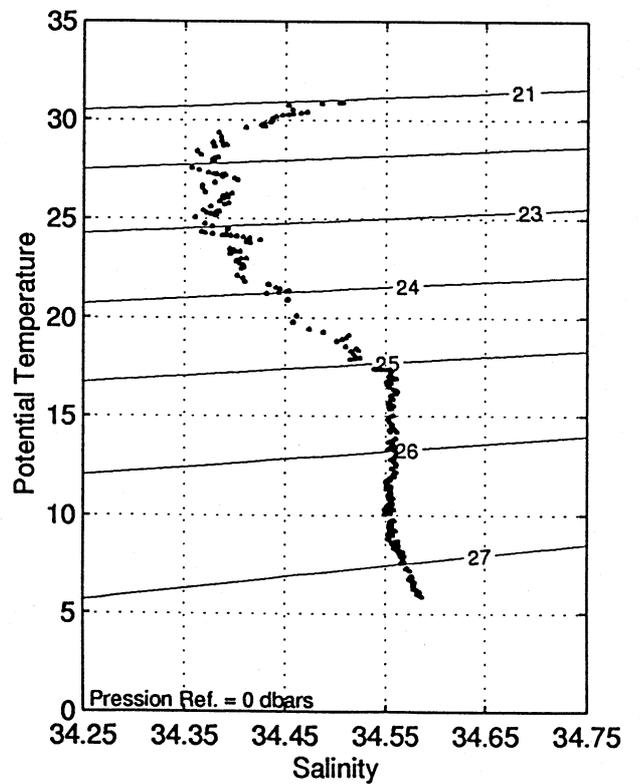
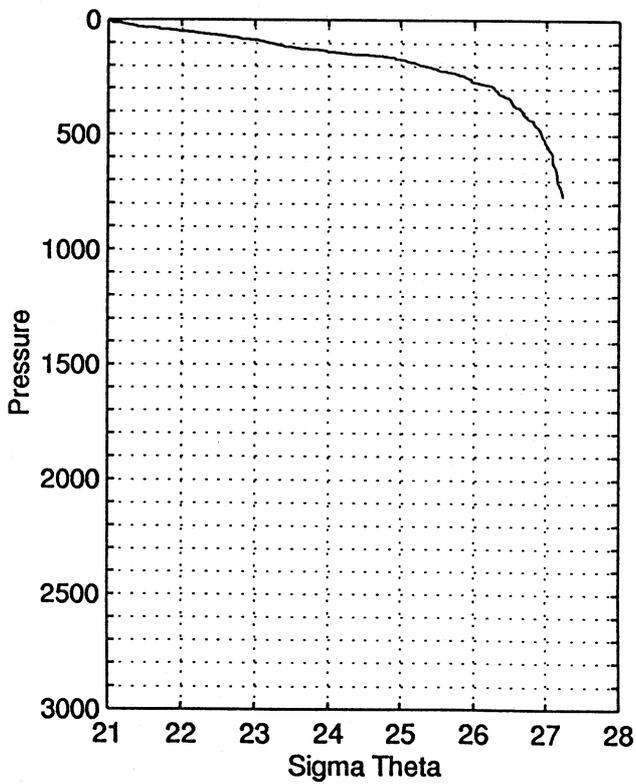
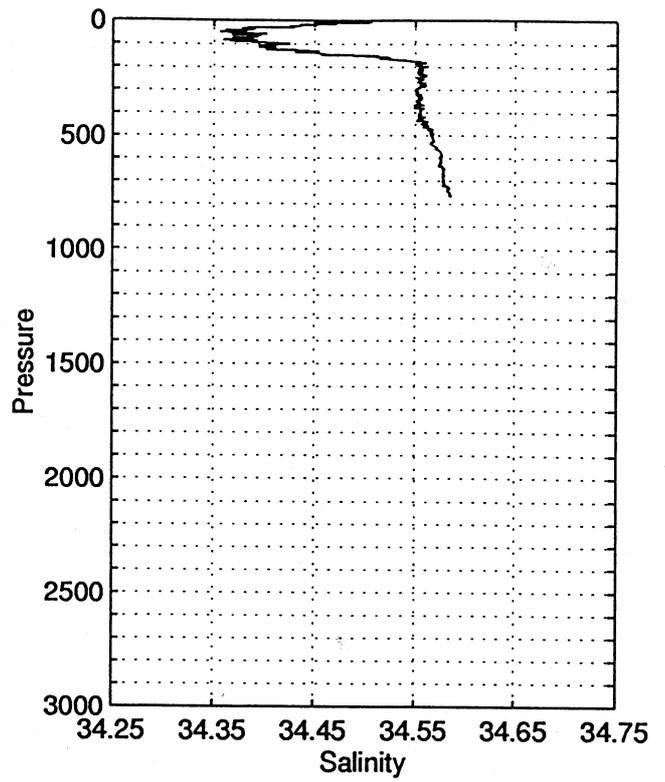
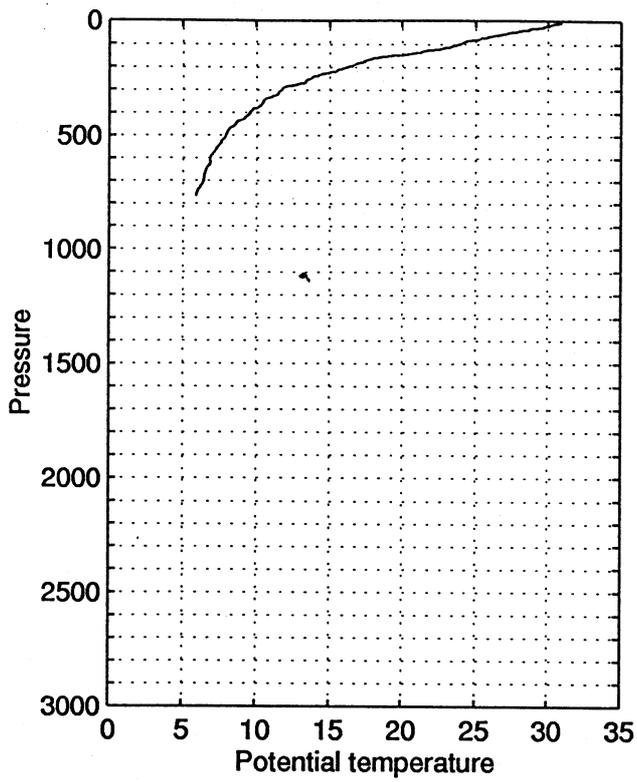
data reduction: 1 dbar

le 21/11/1995 a 10.55 tu -11.3008 123.0720 depth : 854 m ( 861.dbar)

press.	prof	temp.	theta	salin	sigtheta	sigmaamm	gamprf	gapt	avsp	h-dyn	v(sound)	bva
								(*1e5)	(mdyn)		(cph)	
6.	6.0	30.891	30.890	34.507	21.053	21.050	27.219	21.075	672.5	0.000	1547.0	0.00
11.	10.9	30.847	30.844	34.486	21.053	21.050	27.220	21.096	672.7	0.034	1547.0	1.29
20.	19.9	30.089	30.084	34.436	21.278	21.273	27.457	21.359	651.6	0.093	1545.5	9.68
30.	29.8	29.618	29.611	34.410	21.419	21.414	27.606	21.542	638.5	0.157	1544.7	5.84
40.	39.8	28.673	28.663	34.379	21.712	21.707	27.916	21.878	610.9	0.219	1542.8	4.76
50.	49.7	27.476	27.464	34.364	22.092	22.086	28.317	22.301	574.9	0.278	1540.3	11.15
60.	59.6	26.702	26.688	34.367	22.342	22.336	28.581	22.594	551.4	0.335	1538.7	10.56
70.	69.6	25.882	25.866	34.384	22.612	22.605	28.867	22.906	526.0	0.388	1537.0	8.47
81.	80.5	25.183	25.166	34.380	22.824	22.817	29.092	23.166	506.1	0.445	1535.5	5.20
90.	89.5	24.263	24.243	34.377	23.099	23.092	29.386	23.481	480.1	0.489	1533.4	7.97
101.	100.4	23.853	23.831	34.411	23.247	23.239	29.541	23.676	466.4	0.541	1532.6	5.62
110.	109.3	23.425	23.402	34.398	23.363	23.355	29.666	23.830	455.7	0.583	1531.7	6.80
120.	119.3	22.706	22.682	34.408	23.577	23.569	29.895	24.089	435.6	0.627	1530.1	8.56
130.	129.2	21.572	21.547	34.441	23.920	23.912	30.263	24.477	403.1	0.669	1527.3	11.79
139.	138.2	20.942	20.916	34.452	24.101	24.092	30.458	24.953	364.9	0.705	1525.8	4.06
150.	149.1	19.320	19.293	34.488	24.556	24.548	30.950	25.204	342.8	0.745	1521.5	12.31
160.	159.0	18.213	18.186	34.518	24.858	24.850	31.278	25.552	314.2	0.778	1518.5	9.69
170.	169.0	17.442	17.413	34.541	25.064	25.056	31.503	25.804	294.7	0.809	1516.4	8.38
180.	178.9	17.294	17.264	34.555	25.111	25.103	31.553	25.894	290.6	0.838	1516.2	6.00
190.	188.8	16.737	16.706	34.556	25.244	25.235	31.701	26.073	278.2	0.866	1514.7	3.96
200.	198.8	16.247	16.216	34.560	25.360	25.352	31.830	26.235	267.2	0.894	1513.4	6.72
210.	208.7	15.709	15.676	34.553	25.478	25.469	31.962	26.398	256.3	0.920	1511.9	7.68
219.	217.6	15.398	15.365	34.554	25.548	25.540	32.040	26.596	242.8	0.942	1511.0	5.22
230.	228.6	14.591	14.557	34.556	25.726	25.718	32.241	26.739	232.9	0.969	1508.7	3.39
241.	239.5	13.929	13.894	34.560	25.870	25.862	32.403	26.934	219.3	0.994	1506.7	7.16
250.	248.4	13.725	13.689	34.552	25.906	25.898	32.445	27.011	216.0	1.013	1506.2	5.21
260.	258.4	13.439	13.402	34.554	25.967	25.958	32.513	27.117	210.4	1.035	1505.4	1.24
270.	268.3	13.284	13.246	34.560	26.003	25.995	32.554	27.198	207.2	1.056	1505.1	6.55
280.	278.2	12.533	12.495	34.560	26.152	26.145	32.726	27.396	192.9	1.076	1502.7	7.30
290.	288.1	11.906	11.869	34.553	26.267	26.260	32.859	27.559	182.0	1.094	1500.8	4.99
300.	298.1	11.795	11.757	34.552	26.288	26.280	32.883	27.624	180.2	1.112	1500.5	1.52
320.	317.9	11.485	11.445	34.556	26.349	26.341	32.953	27.776	174.8	1.148	1499.8	3.76
340.	337.8	10.650	10.609	34.557	26.501	26.493	33.132	28.023	160.3	1.181	1497.2	5.43
360.	357.6	10.436	10.393	34.555	26.537	26.529	33.174	28.150	157.2	1.213	1496.8	2.55
379.	376.5	10.116	10.072	34.549	26.588	26.580	33.236	28.369	146.8	1.242	1495.9	2.14
400.	397.3	9.620	9.574	34.554	26.676	26.668	33.339	28.474	144.4	1.273	1494.5	2.40
420.	417.2	9.278	9.231	34.560	26.737	26.729	33.411	28.628	138.7	1.302	1493.6	2.31
440.	437.0	8.740	8.693	34.563	26.825	26.817	33.517	28.811	130.3	1.329	1491.9	3.91
460.	456.9	8.526	8.478	34.563	26.858	26.850	33.558	28.937	127.4	1.355	1491.5	0.62
480.	476.7	8.121	8.072	34.567	26.923	26.915	33.636	29.096	121.2	1.379	1490.3	1.38
500.	496.5	7.966	7.915	34.565	26.946	26.938	33.664	29.210	119.3	1.404	1490.0	2.14
525.	521.3	7.681	7.628	34.569	26.990	26.982	33.719	29.371	115.2	1.433	1489.4	2.81
536.	532.3	7.629	7.576	34.565	26.995	26.987	33.725	29.536	111.1	1.446	1489.3	2.05
560.	556.1	7.347	7.292	34.570	27.040	27.032	33.780	29.583	110.7	1.473	1488.7	1.24
589.	584.8	6.969	6.913	34.577	27.098	27.090	33.852	29.777	105.2	1.504	1487.7	2.39
600.	595.7	6.927	6.870	34.576	27.103	27.095	33.858	29.832	104.9	1.515	1487.7	0.00
650.	645.3	6.656	6.595	34.579	27.142	27.134	33.907	30.102	101.6	1.567	1487.5	0.62
700.	694.8	6.468	6.403	34.578	27.167	27.159	33.939	30.356	99.7	1.618	1487.6	1.52
752.	746.4	6.023	5.956	34.585	27.230	27.222	34.018	30.662	93.8	1.668	1486.7	2.28
fin	768.	762.2	5.948	5.880	34.587	27.241	27.233	34.032	0.000	1.7*****	4.4	

Mean vertical sound speed between 6. et 768. dbar : 1503.1 m/s  
Reference pressure for gamprf : 1500. dbar

JADE 95 Station 27 - (21 Nov 95)



# STATION 27

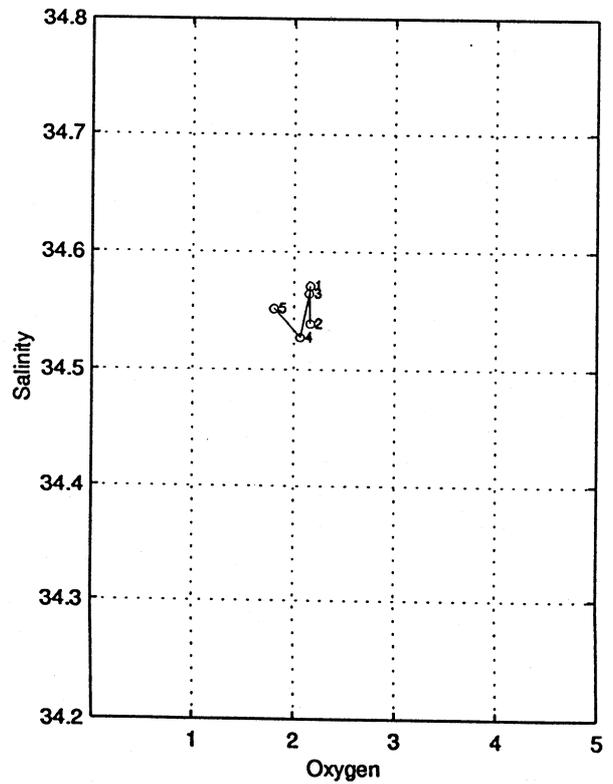
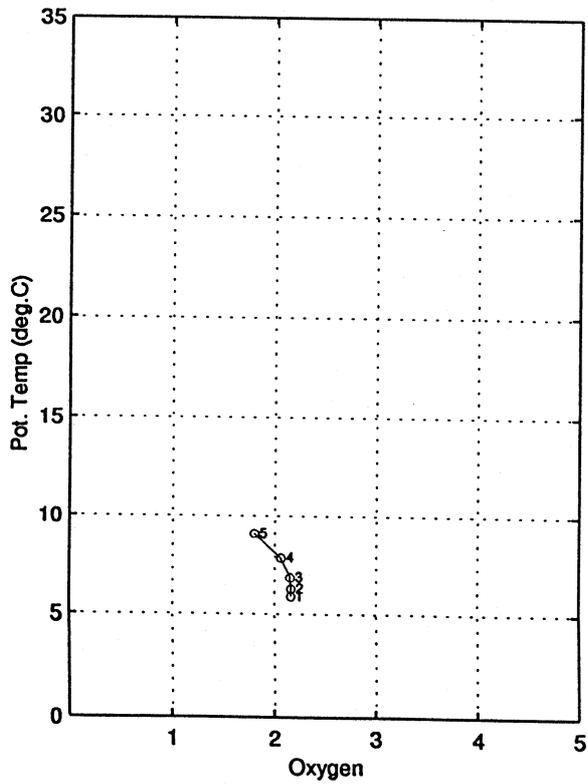
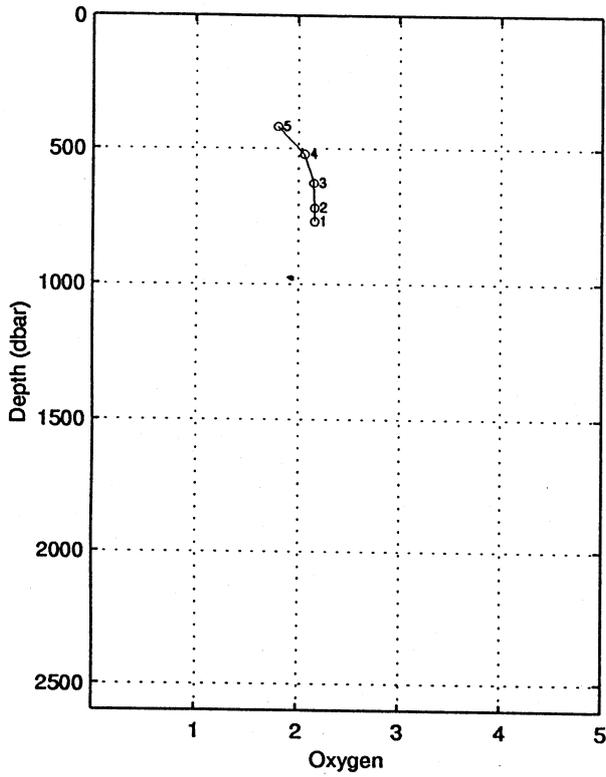
JADE 95

## Oxygen Profile

Bathysonde : Guildline INSU-Brest

Area : South Banda & Timor Sea - Indonesia

Cruise name : JADE95 - R/V Baruna Jaya I



98/10/14  
09:33:58

listacor\_28

1

JADE 95

station : 28.00

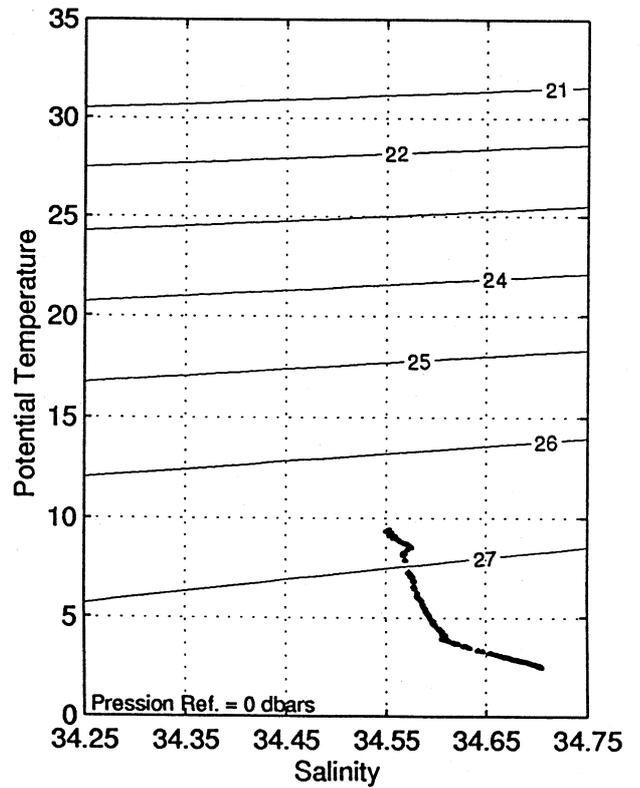
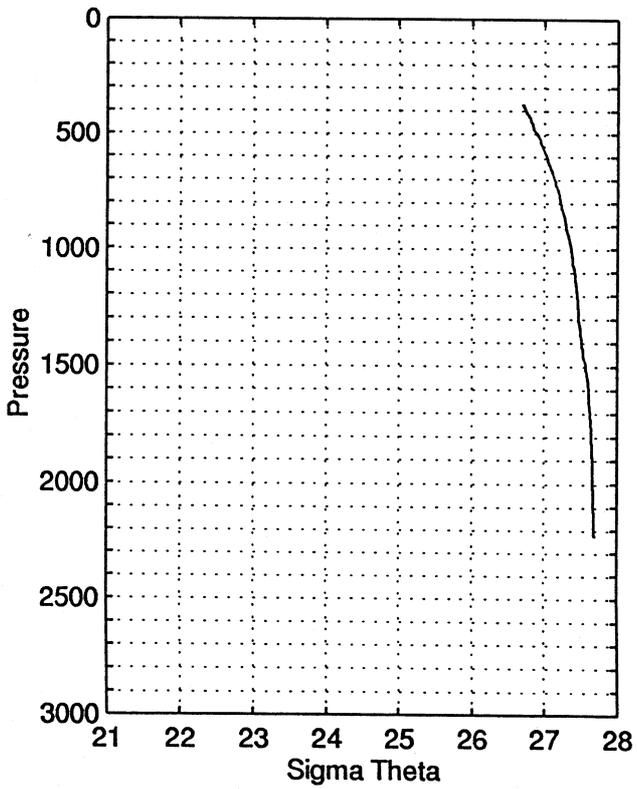
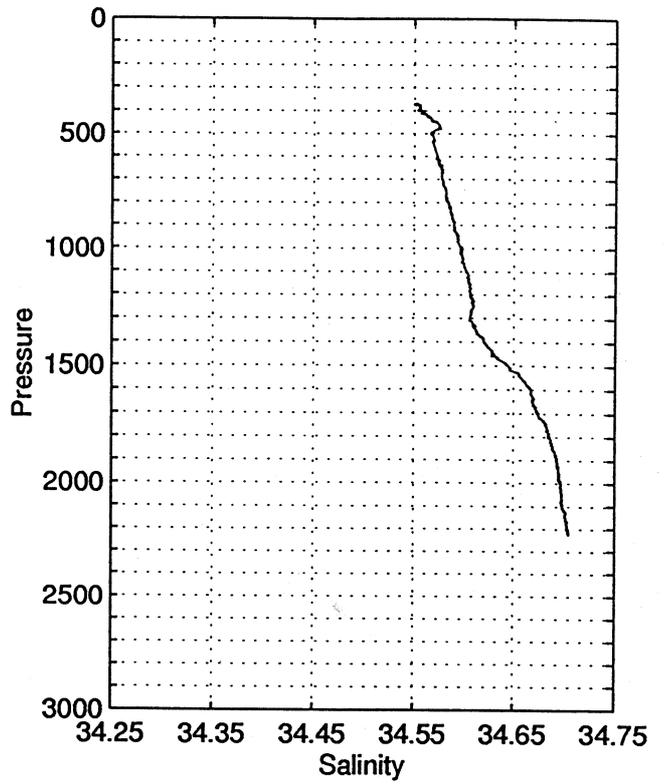
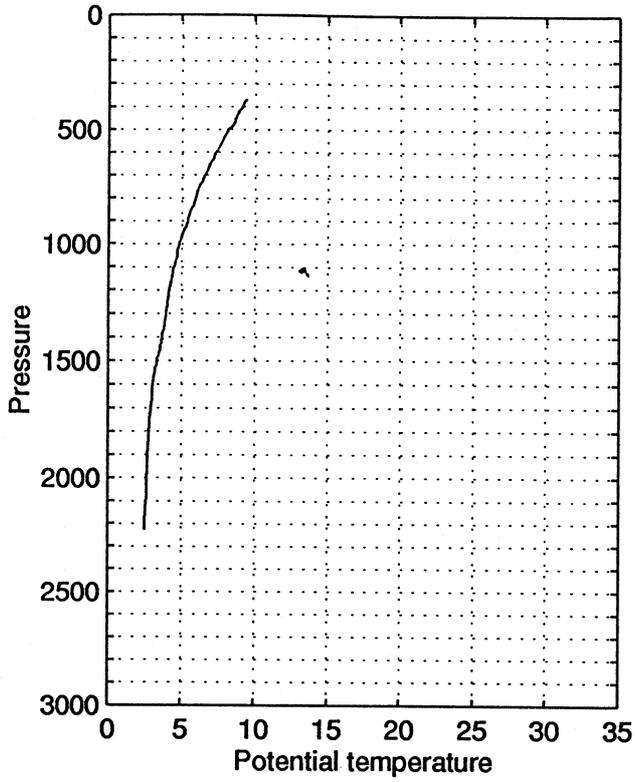
data reduction: 1 dbar

le 21/11/1995 a 18.10 tu -10.5298 123.4956 depth : 2276 m (2302.dbar)

press.	prof	temp.	theta	salin	sigtheta	sigmaamat	gamprf	gapts	avsp	h-dyn	v(sound)	bva
								(*1e5)	(mdyn)		(cph)	
371.	368.6	9.474	9.432	34.554	26.699	26.692	33.367	28.369	141.4	0.000	1493.5	0.00
380.	377.5	9.301	9.259	34.555	26.728	26.721	33.402	28.440	138.7	0.013	1493.0	1.96
400.	397.3	9.139	9.095	34.558	26.757	26.749	33.436	28.560	136.3	0.040	1492.8	4.67
420.	417.2	8.942	8.896	34.562	26.792	26.785	33.478	28.687	133.2	0.067	1492.4	2.62
440.	437.0	8.799	8.751	34.567	26.819	26.811	33.510	28.805	130.9	0.094	1492.2	0.62
455.	451.9	8.684	8.635	34.574	26.842	26.834	33.536	28.965	128.2	0.113	1492.0	1.64
480.	476.7	8.563	8.512	34.574	26.862	26.853	33.560	29.029	127.5	0.145	1492.0	1.96
500.	496.6	8.218	8.166	34.567	26.909	26.901	33.620	29.171	123.0	0.170	1491.0	1.75
532.	528.3	7.927	7.873	34.570	26.955	26.947	33.676	29.365	118.9	0.209	1490.4	2.09
536.	532.3	7.923	7.868	34.568	26.955	26.946	33.675	29.763	111.4	0.214	1490.5	0.62
600.	595.7	7.365	7.306	34.573	27.040	27.031	33.780	29.769	111.3	0.287	1489.4	2.04
650.	645.3	7.007	6.944	34.577	27.094	27.085	33.846	30.047	106.7	0.342	1488.8	1.38
701.	695.8	6.610	6.545	34.577	27.148	27.139	33.915	30.339	101.8	0.395	1488.1	1.95
747.	741.4	6.285	6.216	34.581	27.194	27.185	33.973	30.694	96.0	0.441	1487.6	0.62
800.	793.9	6.030	5.958	34.584	27.229	27.220	34.017	30.878	94.6	0.492	1487.5	1.86
850.	843.4	5.718	5.643	34.588	27.272	27.263	34.071	31.153	90.7	0.539	1487.1	2.05
900.	893.0	5.510	5.432	34.591	27.300	27.290	34.107	31.411	88.3	0.583	1487.1	1.38
950.	942.4	5.191	5.110	34.594	27.341	27.331	34.160	31.686	84.4	0.627	1486.6	1.75
1000.	991.9	4.930	4.847	34.597	27.374	27.364	34.203	31.952	81.3	0.668	1486.4	0.00
1048.	1039.4	4.790	4.704	34.600	27.392	27.382	34.226	32.249	79.6	0.707	1486.6	1.64
1100.	1090.9	4.573	4.484	34.603	27.419	27.409	34.262	32.459	77.3	0.748	1486.6	1.86
1148.	1138.3	4.445	4.353	34.605	27.434	27.424	34.282	32.724	75.6	0.784	1486.9	0.62
1200.	1189.7	4.260	4.165	34.607	27.457	27.446	34.312	32.959	73.9	0.823	1487.0	1.07
1250.	1239.2	4.172	4.073	34.610	27.469	27.458	34.327	33.200	73.1	0.860	1487.4	1.24
1300.	1288.6	4.065	3.963	34.606	27.477	27.466	34.340	33.438	72.4	0.896	1487.8	0.00
1402.	1389.4	3.802	3.693	34.621	27.516	27.505	34.389	33.947	68.9	0.969	1488.4	0.78
1495.	1481.2	3.472	3.359	34.643	27.567	27.555	34.452	34.500	63.3	1.031	1488.6	0.87
1599.	1583.8	3.180	3.062	34.667	27.614	27.603	34.511	34.994	58.9	1.094	1489.2	0.87
1700.	1683.5	3.073	2.947	34.674	27.629	27.618	34.531	35.434	58.0	1.153	1490.4	0.00
1800.	1782.1	2.946	2.813	34.685	27.650	27.638	34.558	35.911	56.2	1.210	1491.5	1.24
1900.	1880.7	2.862	2.721	34.694	27.666	27.653	34.577	36.380	55.1	1.266	1492.9	0.00
2000.	1979.2	2.824	2.674	34.697	27.673	27.659	34.586	36.838	55.0	1.321	1494.4	0.00
2100.	2077.6	2.784	2.626	34.699	27.678	27.664	34.593	37.294	54.9	1.376	1495.9	1.03
2200.	2176.1	2.716	2.550	34.704	27.689	27.674	34.607	37.755	54.2	1.430	1497.3	0.00
fin	2224.	2199.7	2.685	2.518	34.705	27.693	27.678	34.612	0.000	1.4*****	0.9	

Mean vertical sound speed between 371. et 2224. dbar : 1490.0 m/s  
Reference pressure for gamprf : 1500. dbar

JADE 95 Station 28 - (21 Nov 95)



# STATION 28

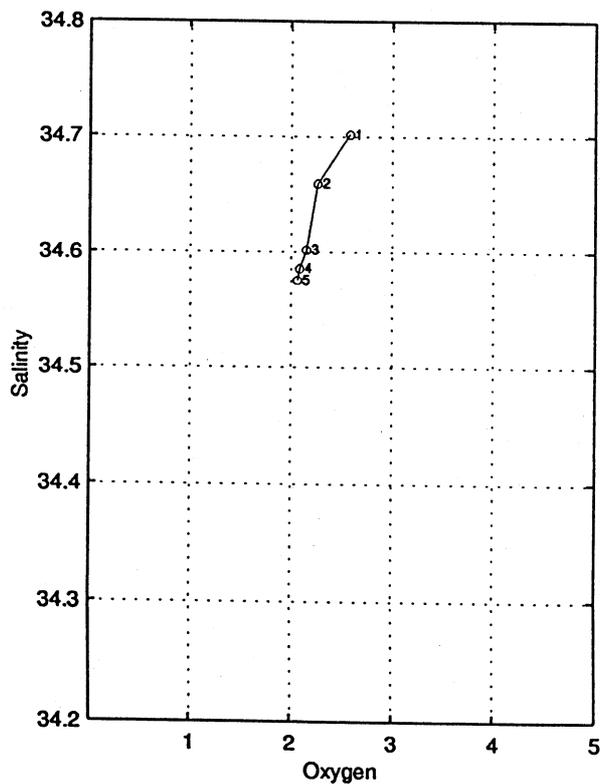
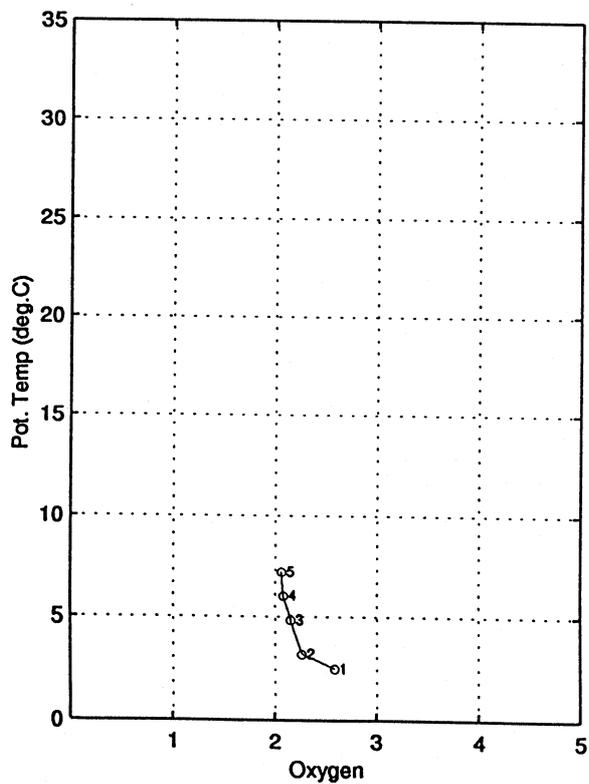
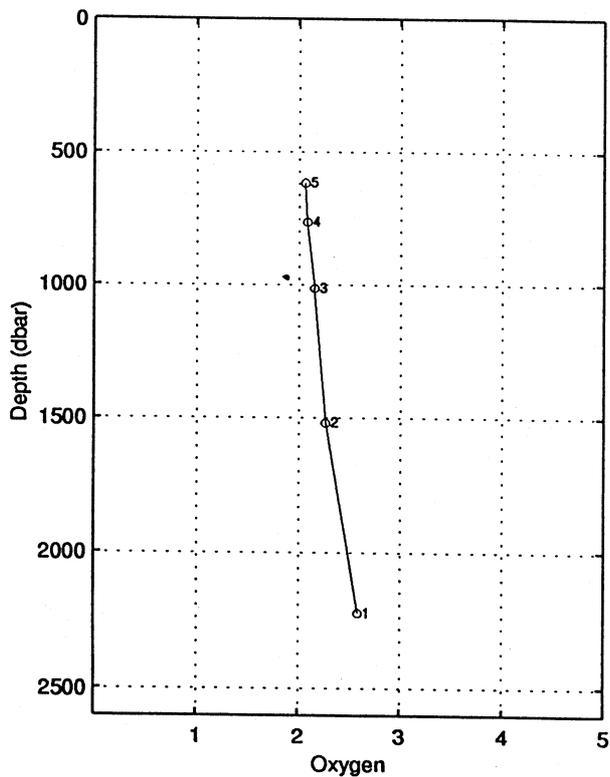
JADE 95

## Oxygen Profile

Bathysonde : Guildline INSU-Brest

Area : South Banda & Timor Sea - Indonesia

Cruise name : JADE95 - R/V Baruna Jaya I



98/10/14  
09:41:53

listacor\_29

1

JADE 95

station : 29.00

data reduction: 1 dbar

le 22/11/1995 a 0.48 tu -10.3401 124.3028 depth : 2154 m (2178.dbar)

press.	prof	temp.	theta	salin	sigtheta	sigmaamat	gamprf	gaps	avsp	h-dyn	v(sound)	bva
									(*1e5)	(mdyn)	(cph)	
0.	0.0	30.663	30.663	34.502	21.128	21.125	27.297	21.125	665.0	0.000	1546.5	0.00
10.	9.9	30.611	30.609	34.498	21.143	21.140	27.314	21.182	664.0	0.066	1546.5	1.52
20.	19.9	30.329	30.324	34.484	21.231	21.226	27.406	21.312	656.1	0.132	1546.1	5.67
30.	29.8	29.772	29.764	34.443	21.391	21.386	27.576	21.514	641.2	0.197	1545.1	4.14
40.	39.8	28.925	28.916	34.389	21.636	21.630	27.835	21.801	618.2	0.261	1543.4	13.40
50.	49.7	27.771	27.759	34.394	22.019	22.013	28.239	22.228	581.9	0.321	1541.0	10.21
60.	59.7	26.772	26.758	34.367	22.320	22.313	28.558	22.571	553.5	0.377	1538.9	9.15
70.	69.6	26.294	26.278	34.359	22.465	22.458	28.712	22.759	540.0	0.432	1538.0	9.27
80.	79.5	25.930	25.913	34.390	22.602	22.595	28.856	22.939	527.4	0.485	1537.3	3.56
90.	89.5	25.261	25.241	34.364	22.789	22.781	29.056	23.169	509.9	0.537	1535.9	7.65
100.	99.4	24.606	24.584	34.389	23.007	22.999	29.286	23.430	489.4	0.587	1534.5	11.27
110.	109.3	23.812	23.789	34.426	23.271	23.262	29.566	23.738	464.6	0.635	1532.7	11.17
120.	119.3	22.869	22.845	34.446	23.559	23.551	29.874	24.071	437.3	0.680	1530.5	14.66
130.	129.2	21.888	21.862	34.428	23.823	23.814	30.159	24.379	412.4	0.723	1528.1	12.19
140.	139.2	20.861	20.834	34.462	24.130	24.122	30.489	24.732	383.3	0.762	1525.6	7.14
150.	149.1	19.865	19.838	34.477	24.407	24.398	30.788	25.053	357.2	0.799	1523.0	7.43
160.	159.0	19.032	19.004	34.497	24.637	24.629	31.038	25.329	335.4	0.834	1520.9	7.86
170.	169.0	18.207	18.178	34.523	24.864	24.856	31.284	25.601	314.0	0.866	1518.7	12.75
180.	178.9	17.561	17.531	34.521	25.020	25.012	31.457	25.803	299.3	0.897	1516.9	8.89
190.	188.8	16.305	16.274	34.542	25.333	25.326	31.802	26.164	269.5	0.926	1513.4	2.84
200.	198.8	15.906	15.875	34.540	25.423	25.415	31.902	26.298	261.2	0.952	1512.3	3.82
210.	208.7	15.606	15.573	34.532	25.485	25.477	31.972	26.405	255.5	0.978	1511.5	6.81
220.	218.6	15.130	15.097	34.540	25.597	25.589	32.097	26.563	245.0	1.003	1510.2	6.61
230.	228.6	14.645	14.610	34.542	25.704	25.696	32.217	26.716	235.0	1.027	1508.8	8.28
240.	238.5	14.077	14.043	34.546	25.828	25.820	32.357	26.887	223.3	1.050	1507.2	4.51
250.	248.4	13.395	13.360	34.549	25.972	25.964	32.520	27.078	209.7	1.072	1505.1	5.41
260.	258.4	12.881	12.846	34.548	26.074	26.067	32.637	27.227	200.0	1.092	1503.6	6.78
270.	268.3	12.396	12.360	34.553	26.173	26.165	32.750	27.373	190.6	1.112	1502.1	1.38
280.	278.2	12.034	11.998	34.552	26.242	26.235	32.830	27.489	184.1	1.131	1501.0	10.22
290.	288.2	11.515	11.478	34.555	26.342	26.334	32.945	27.635	174.7	1.149	1499.4	6.89
300.	298.1	10.846	10.809	34.550	26.459	26.453	33.084	27.802	163.4	1.166	1497.2	5.83
320.	317.9	10.120	10.083	34.552	26.588	26.581	33.235	28.025	151.2	1.197	1495.0	4.79
340.	337.8	9.432	9.394	34.564	26.714	26.707	33.383	28.245	139.3	1.226	1492.8	0.00
360.	357.6	9.269	9.229	34.552	26.731	26.724	33.405	28.353	138.0	1.254	1492.6	0.00
380.	377.5	9.104	9.063	34.550	26.756	26.749	33.436	28.469	135.9	1.281	1492.3	2.05
400.	397.3	8.957	8.913	34.548	26.779	26.771	33.464	28.583	134.1	1.308	1492.1	0.00
420.	417.2	8.707	8.661	34.552	26.821	26.814	33.515	28.718	130.2	1.334	1491.5	3.03
440.	437.0	8.367	8.321	34.558	26.879	26.871	33.584	28.869	124.9	1.360	1490.5	1.07
460.	456.9	8.122	8.075	34.558	26.916	26.909	33.629	28.999	121.5	1.385	1490.0	4.29
480.	476.7	7.792	7.744	34.565	26.970	26.963	33.695	29.147	116.4	1.408	1489.0	2.14
500.	496.6	7.650	7.600	34.567	26.993	26.985	33.722	29.261	114.5	1.431	1488.8	0.00
520.	516.4	7.493	7.441	34.568	27.017	27.009	33.752	29.377	112.4	1.454	1488.6	0.00
543.	539.2	7.324	7.271	34.567	27.040	27.032	33.781	29.506	110.4	1.480	1488.3	1.89
560.	556.1	7.247	7.192	34.571	27.054	27.046	33.798	29.598	109.3	1.498	1488.3	1.24
580.	575.9	7.141	7.085	34.570	27.068	27.060	33.816	29.704	108.1	1.520	1488.2	1.64
600.	595.7	7.031	6.974	34.570	27.084	27.076	33.836	29.812	106.8	1.542	1488.1	0.00
650.	645.3	6.755	6.693	34.573	27.125	27.116	33.886	30.082	103.4	1.594	1487.9	1.75
700.	694.9	6.191	6.128	34.578	27.203	27.195	33.985	30.396	95.9	1.644	1486.5	1.96
750.	744.4	5.850	5.784	34.583	27.251	27.242	34.045	30.676	91.6	1.691	1486.0	1.24
800.	793.9	5.642	5.572	34.589	27.281	27.273	34.083	30.937	89.0	1.736	1486.0	1.51
850.	843.5	5.471	5.398	34.588	27.302	27.293	34.110	31.188	87.4	1.780	1486.1	1.38
900.	893.0	5.313	5.236	34.593	27.325	27.315	34.139	31.441	85.6	1.823	1486.3	1.07
950.	942.5	5.192	5.111	34.597	27.343	27.333	34.162	31.688	84.2	1.866	1486.6	1.38
1000.	991.9	4.979	4.895	34.600	27.370	27.361	34.197	31.947	81.7	1.907	1486.6	0.00
1050.	1041.4	4.791	4.704	34.606	27.397	27.387	34.231	32.205	79.3	1.948	1486.7	0.00
1100.	1090.9	4.664	4.575	34.608	27.413	27.403	34.252	32.451	78.1	1.987	1487.0	0.00
1150.	1140.3	4.543	4.449	34.607	27.426	27.415	34.270	32.693	77.1	2.026	1487.3	2.62
1200.	1189.8	4.369	4.272	34.611	27.448	27.438	34.299	32.947	75.0	2.064	1487.4	1.86
1246.	1235.2	4.225	4.126	34.612	27.465	27.454	34.321	33.252	73.4	2.098	1487.6	1.51
1300.	1288.6	4.037	3.935	34.616	27.487	27.477	34.351	33.449	71.4	2.137	1487.7	1.64
1400.	1387.4	3.814	3.706	34.627	27.519	27.508	34.392	33.941	68.6	2.208	1488.5	2.42
1500.	1486.1	3.434	3.321	34.652	27.578	27.567	34.465	34.465	62.7	2.273	1488.6	1.24
1600.	1584.8	3.217	3.098	34.670	27.613	27.601	34.509	34.960	59.4	2.334	1489.3	1.38
1700.	1683.5	3.045	2.920	34.681	27.638	27.626	34.541	35.443	57.1	2.392	1490.3	1.51
1801.	1783.1	2.922	2.789	34.691	27.658	27.646	34.566	35.924	55.5	2.449	1491.5	0.76
1900.	1880.7	2.841	2.700	34.698	27.671	27.659	34.583	36.387	54.5	2.503	1492.8	0.00
2000.	1979.2	2.812	2.663	34.703	27.678	27.665	34.591	36.844	54.4	2.558	1494.3	0.87
fin	2011.1990.0	2.807	2.657	34.702	27.678	27.665	34.592	0.000	2.6*****	0.0		

Mean vertical sound speed between 0. et 2011. dbar : 1494.1 m/s  
Reference pressure for gamprf : 1500. dbar



# STATION 29

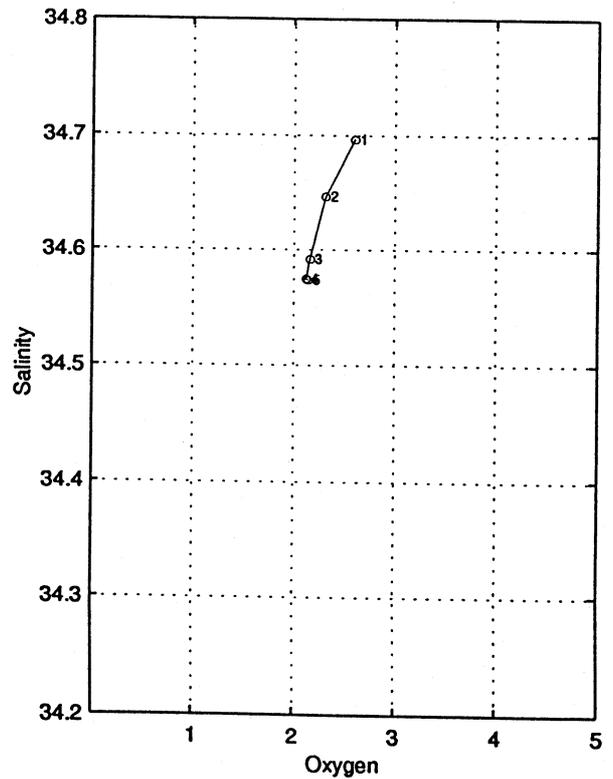
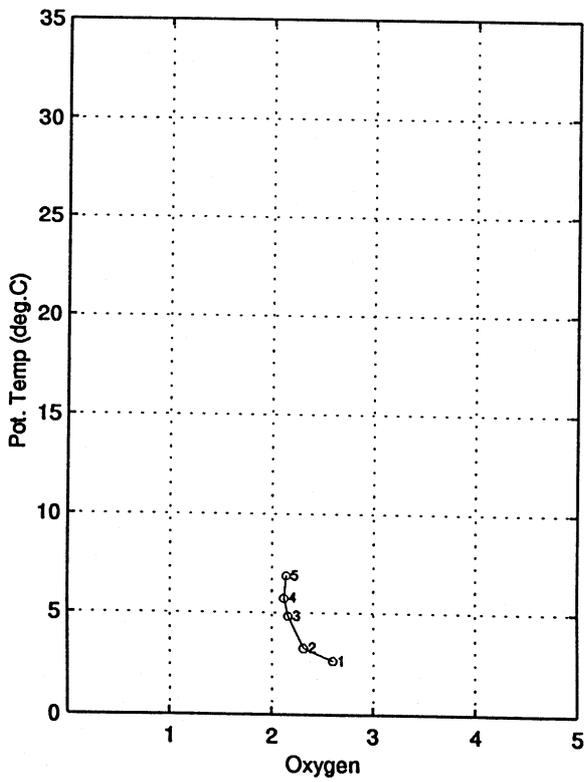
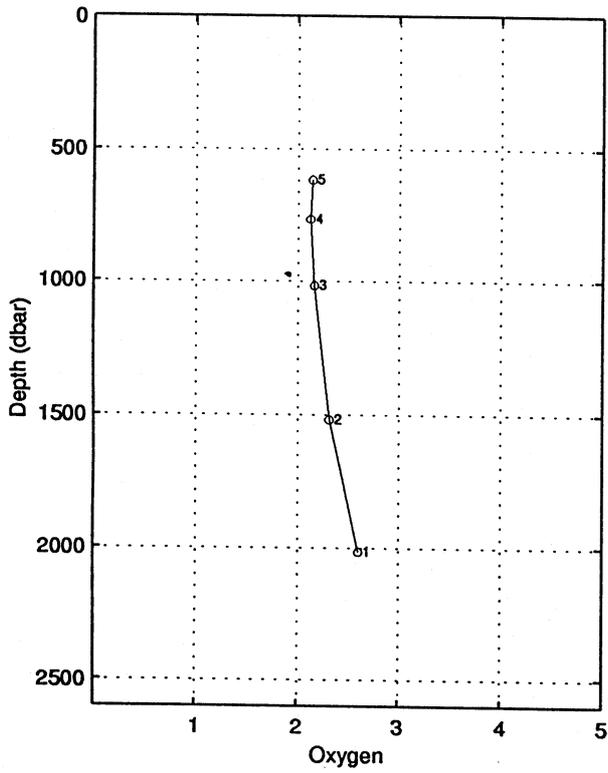
JADE 95

## Oxygen Profile

Bathysonde : Guildline INSU-Brest

Area : South Banda & Timor Sea - Indonesia

Cruise name : JADE95 - RV Baruna Jaya I



98/10/14  
09:41:59

listacor\_30

1

JADE 95

station : 30.00

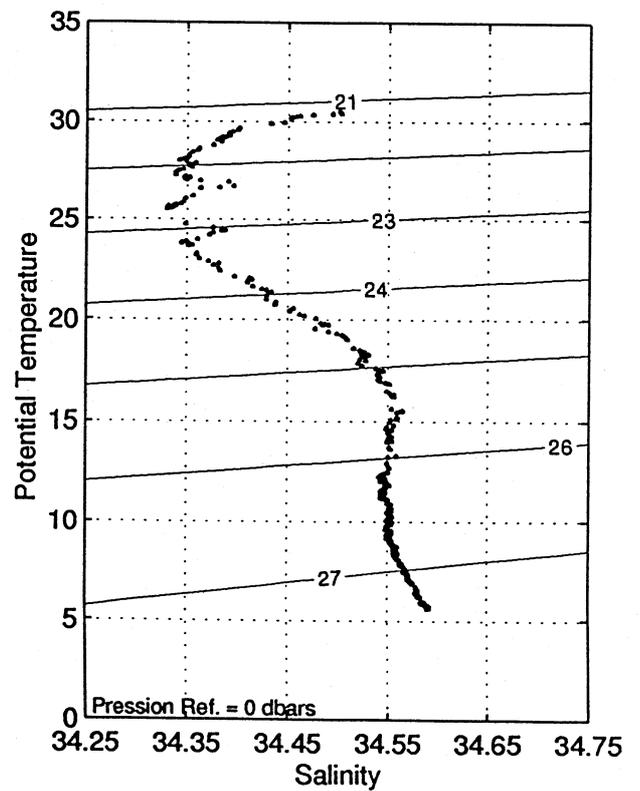
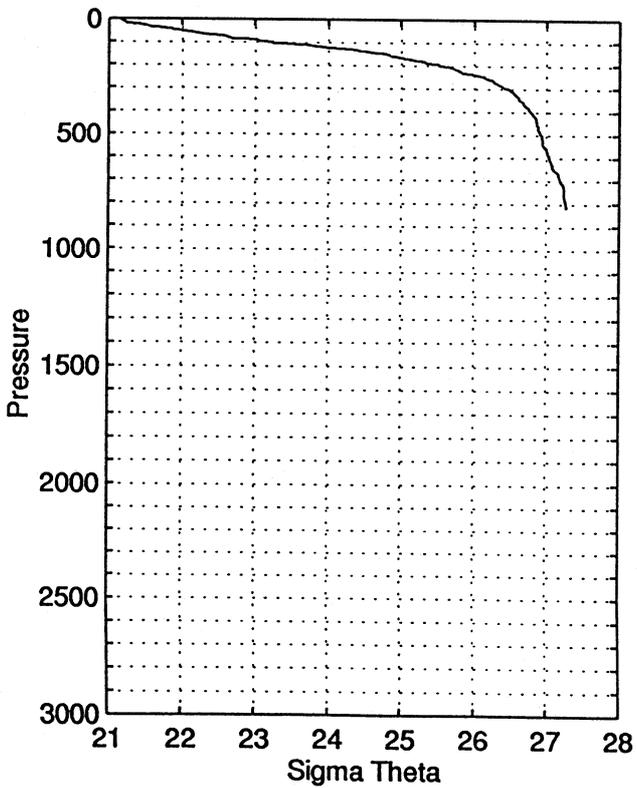
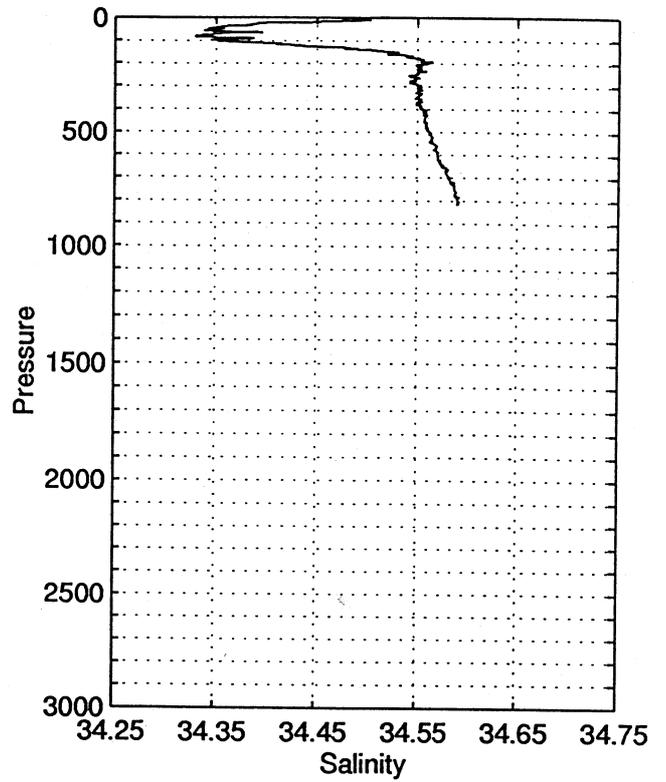
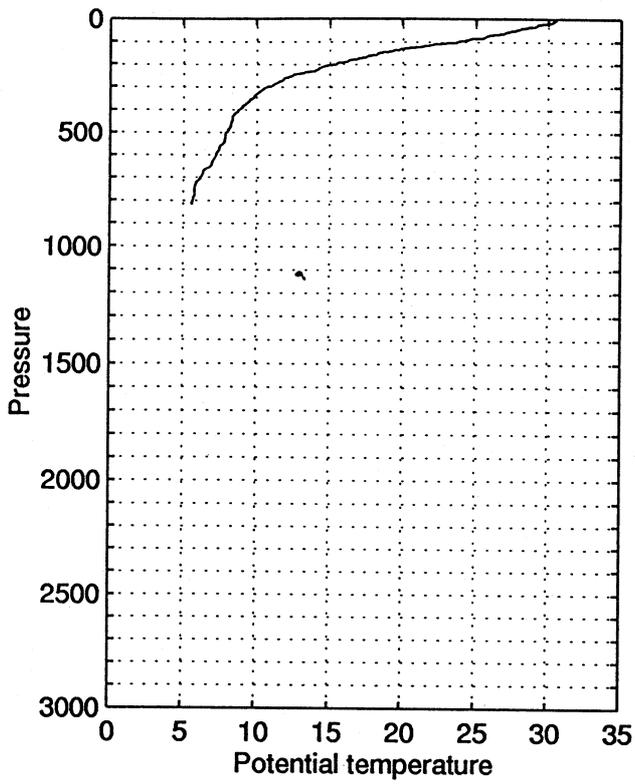
data reduction: 1 dbar

le 22/11/1995 a 6.40 tu -9.5298 124.5415 depth : 900 m ( 907.dbar)

press.	prof	temp.	theta	salin	sigtheta	sigmaamm	gamprf	gapt	avsp	h-dyn	v(sound)	bva
								(*1e5)	(mdyn)		(cph)	
5.	5.0	30.449	30.448	34.502	21.202	21.199	27.375	21.221	658.1	0.000	1546.1	0.00
11.	10.9	30.405	30.402	34.503	21.218	21.215	27.392	21.262	656.8	0.040	1546.1	4.92
20.	19.9	29.940	29.935	34.446	21.335	21.331	27.517	21.417	646.1	0.098	1545.2	13.88
30.	29.8	29.193	29.186	34.384	21.542	21.537	27.737	21.666	626.7	0.162	1543.8	5.24
40.	39.8	28.309	28.300	34.352	21.811	21.806	28.022	21.977	601.4	0.224	1542.0	11.69
50.	49.7	27.729	27.717	34.352	22.001	21.995	28.222	22.210	583.6	0.283	1540.9	7.93
60.	59.7	27.079	27.065	34.347	22.208	22.201	28.440	22.459	564.3	0.340	1539.6	6.22
70.	69.6	26.210	26.194	34.355	22.488	22.482	28.737	22.783	537.8	0.395	1537.8	11.02
80.	79.5	25.642	25.624	34.331	22.647	22.639	28.906	22.984	523.1	0.448	1536.6	5.83
90.	89.5	24.500	24.481	34.386	23.035	23.028	29.317	23.416	486.3	0.499	1534.0	5.54
100.	99.4	23.734	23.713	34.355	23.239	23.231	29.536	23.664	467.1	0.547	1532.3	7.35
110.	109.3	22.573	22.550	34.381	23.594	23.586	29.916	24.063	433.5	0.592	1529.5	12.08
120.	119.3	21.489	21.465	34.429	23.933	23.926	30.278	24.447	401.4	0.633	1526.9	7.01
130.	129.2	20.205	20.181	34.466	24.308	24.301	30.682	24.868	365.8	0.672	1523.6	8.26
140.	139.2	19.352	19.327	34.499	24.556	24.548	30.948	25.160	342.5	0.707	1521.4	9.31
150.	149.1	18.441	18.415	34.527	24.808	24.800	31.222	25.458	318.7	0.740	1519.0	4.63
160.	159.0	18.081	18.054	34.522	24.894	24.886	31.317	25.588	310.8	0.772	1518.1	6.58
171.	170.0	17.329	17.301	34.539	25.090	25.082	31.532	25.834	292.3	0.805	1516.1	8.04
181.	179.9	16.520	16.491	34.549	25.288	25.281	31.751	26.079	273.5	0.833	1513.9	9.36
188.	186.9	16.271	16.241	34.555	25.351	25.343	31.820	26.332	254.9	0.852	1513.2	2.14
201.	199.8	15.271	15.241	34.559	25.580	25.572	32.075	26.462	246.1	0.885	1510.3	7.34
210.	208.7	14.644	14.613	34.554	25.713	25.706	32.226	26.637	233.5	0.907	1508.5	7.11
220.	218.6	14.284	14.252	34.551	25.788	25.780	32.311	26.758	226.6	0.930	1507.5	2.14
229.	227.6	14.046	14.013	34.549	25.837	25.829	32.366	26.917	216.8	0.950	1506.9	2.55
240.	238.5	12.990	12.957	34.549	26.053	26.046	32.612	27.117	201.5	0.973	1503.6	7.92
250.	248.4	12.502	12.468	34.548	26.148	26.141	32.722	27.259	192.5	0.993	1502.1	2.05
260.	258.4	12.075	12.041	34.543	26.227	26.220	32.814	27.384	185.1	1.011	1500.8	7.06
270.	268.3	11.819	11.785	34.548	26.280	26.272	32.874	27.482	180.2	1.030	1500.1	3.91
280.	278.2	11.482	11.447	34.543	26.339	26.332	32.943	27.588	174.7	1.047	1499.1	4.29
290.	288.2	11.191	11.155	34.549	26.397	26.390	33.010	27.692	169.3	1.065	1498.3	5.18
300.	298.1	10.755	10.719	34.551	26.477	26.470	33.104	27.820	161.7	1.081	1496.9	6.89
320.	317.9	10.269	10.231	34.551	26.562	26.555	33.204	27.997	153.8	1.113	1495.5	2.55
340.	337.8	9.911	9.872	34.552	26.625	26.617	33.278	28.152	148.1	1.143	1494.6	0.00
360.	357.7	9.568	9.527	34.553	26.683	26.676	33.348	28.303	142.8	1.172	1493.7	0.87
380.	377.5	9.200	9.158	34.549	26.740	26.733	33.417	28.452	137.5	1.200	1492.6	3.61
401.	398.3	8.861	8.818	34.554	26.798	26.791	33.487	28.608	132.1	1.228	1491.7	3.44
420.	417.2	8.541	8.497	34.558	26.851	26.844	33.550	28.750	127.2	1.253	1490.9	1.96
440.	437.0	8.412	8.366	34.557	26.871	26.864	33.574	28.861	125.6	1.278	1490.7	0.00
460.	456.9	8.315	8.267	34.559	26.888	26.880	33.594	28.968	124.4	1.303	1490.7	0.00
480.	476.7	8.219	8.169	34.560	26.903	26.895	33.613	29.075	123.2	1.328	1490.7	1.52
501.	497.6	7.945	7.894	34.562	26.946	26.938	33.666	29.215	119.2	1.354	1490.0	3.29
520.	516.4	7.920	7.867	34.565	26.952	26.944	33.672	29.307	119.0	1.376	1490.2	0.87
540.	536.3	7.886	7.831	34.565	26.958	26.949	33.679	29.403	118.8	1.400	1490.4	1.86
561.	557.1	7.570	7.514	34.569	27.007	26.999	33.740	29.552	114.1	1.425	1489.5	2.97
578.	573.9	7.499	7.442	34.566	27.015	27.006	33.750	29.670	112.6	1.444	1489.5	0.00
600.	595.7	7.306	7.247	34.570	27.046	27.037	33.788	29.770	110.8	1.469	1489.2	0.87
650.	645.3	6.931	6.868	34.575	27.102	27.093	33.857	30.057	105.8	1.523	1488.6	3.33
700.	694.9	6.247	6.184	34.581	27.198	27.190	33.978	30.390	96.5	1.573	1486.7	1.64
751.	745.4	5.877	5.811	34.588	27.251	27.243	34.044	30.681	91.6	1.620	1486.1	0.80
800.	793.9	5.714	5.644	34.591	27.274	27.265	34.073	30.929	89.8	1.665	1486.2	1.91
fin	820.	813.8	5.689	5.617	34.590	27.277	27.268	34.077	0.000	1.7*****	0.8	

Mean vertical sound speed between 5. et 820. dbar : 1501.0 m/s  
Reference pressure for gamprf : 1500. dbar

JADE 95 Station 30 - (22 Nov 95)



# STATION 30

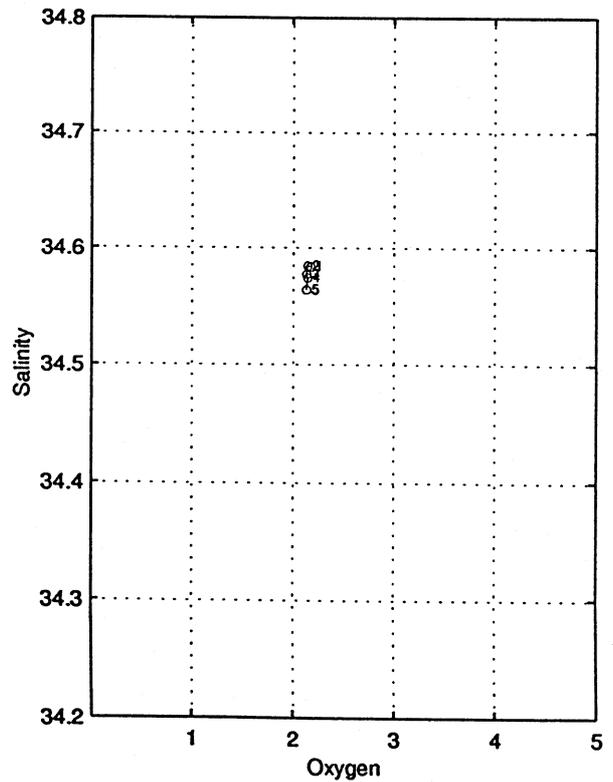
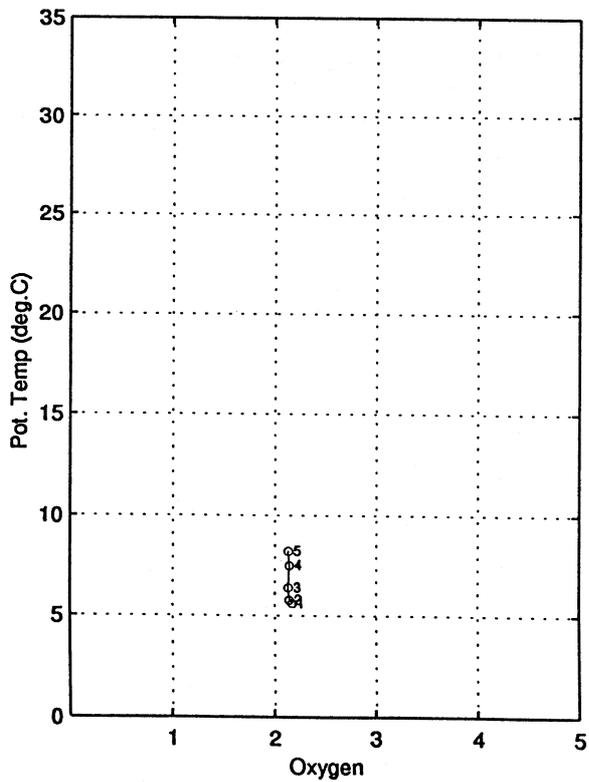
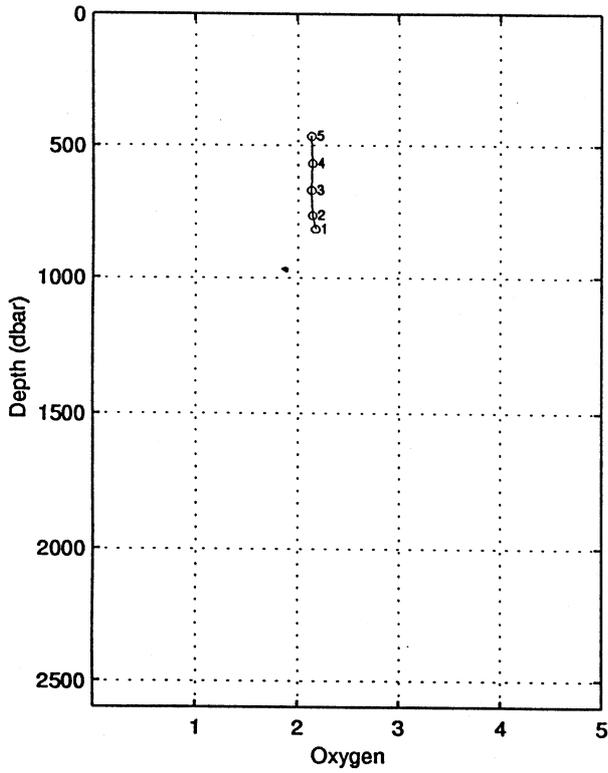
JADE 95

## Oxygen Profile

Bathysonde : Guildline INSU-Brest

Area : South Banda & Timor Sea - Indonesia

Cruise name : JADE95 - R/V Baruna Jaya I



98/10/14  
09:42:05

listacor\_31

1

JADE 95

station : 31.00

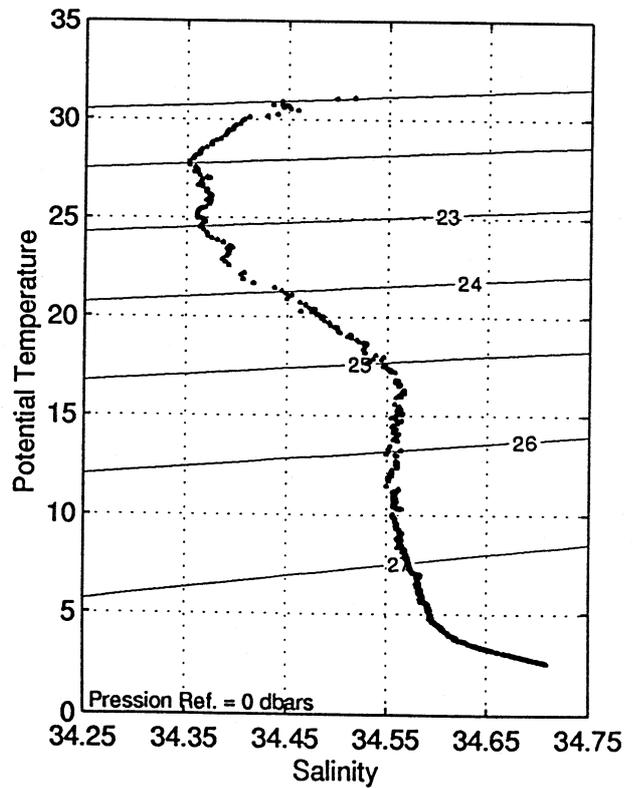
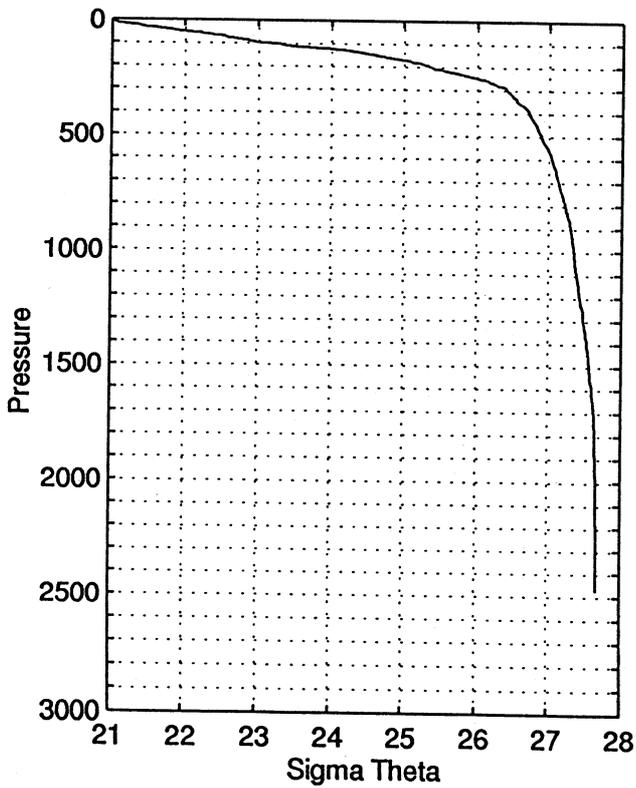
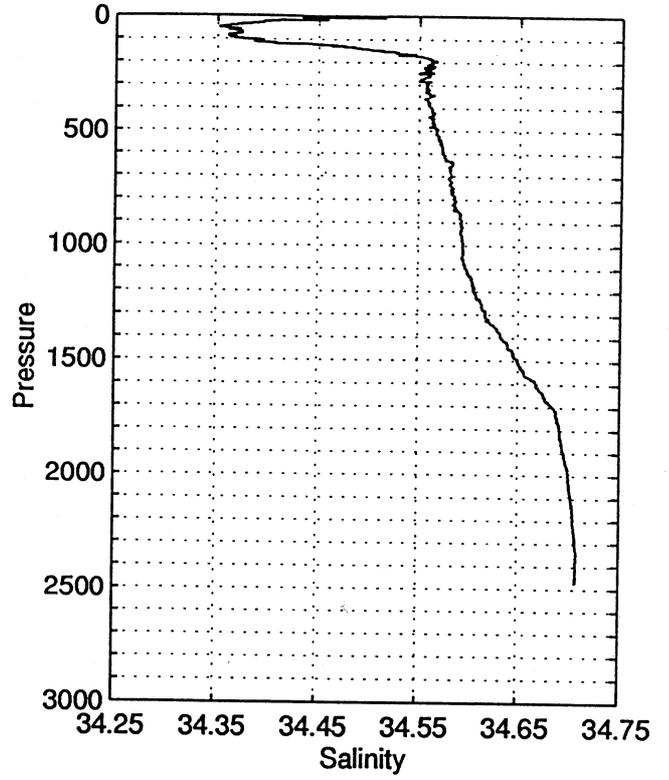
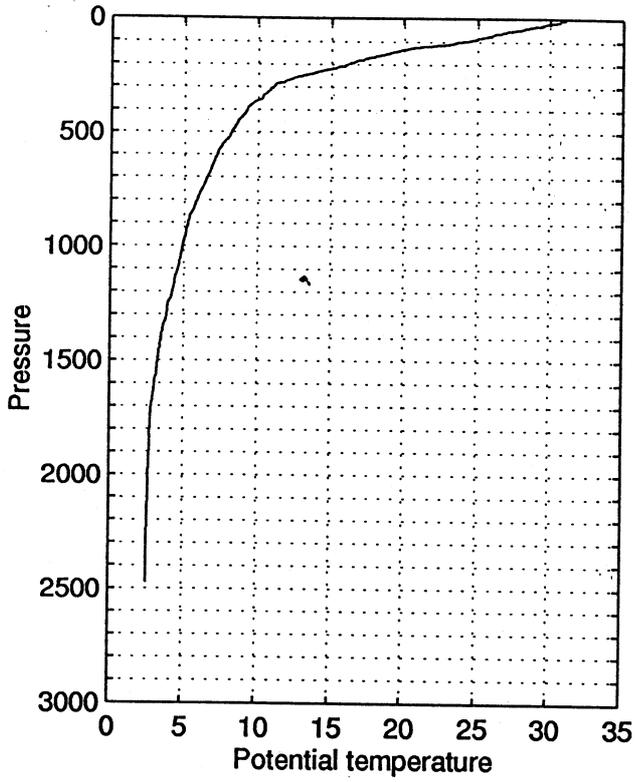
data reduction: 1 dbar

le 22/11/1995 a 10.52 tu -10.1205 125.0361 depth : 2543 m (2573.dbar)

press.	prof	temp.	theta	salin	sigtheta	sigmaamm	gamprf	gapt5	avsp	h-dyn	v(sound)	bva
								(*1e5)	(mdyn)		(cph)	
6.	6.0	31.100	31.098	34.516	20.987	20.984	27.150	21.010	678.7	0.000	1547.5	0.00
10.	9.9	30.740	30.737	34.444	21.058	21.055	27.227	21.098	672.1	0.027	1546.7	5.06
20.	19.9	30.096	30.091	34.411	21.256	21.252	27.436	21.337	653.6	0.094	1545.5	4.64
30.	29.8	29.445	29.438	34.392	21.463	21.459	27.654	21.587	634.2	0.158	1544.3	5.63
40.	39.8	28.480	28.470	34.365	21.765	21.760	27.972	21.931	605.8	0.220	1542.4	8.11
50.	49.7	27.660	27.648	34.352	22.024	22.018	28.246	22.233	581.4	0.279	1540.7	13.22
60.	59.7	26.854	26.841	34.364	22.292	22.285	28.528	22.543	556.2	0.336	1539.1	9.39
70.	69.6	26.052	26.036	34.373	22.551	22.544	28.802	22.845	531.8	0.390	1537.4	6.56
80.	79.5	25.503	25.486	34.366	22.716	22.708	28.978	23.053	516.4	0.443	1536.3	5.05
90.	89.5	24.968	24.948	34.366	22.880	22.872	29.152	23.260	501.1	0.494	1535.2	5.37
100.	99.4	23.983	23.962	34.375	23.181	23.173	29.473	23.605	472.7	0.543	1532.9	10.29
110.	109.3	23.281	23.259	34.391	23.399	23.391	29.706	23.867	452.2	0.589	1531.3	7.96
120.	119.3	21.731	21.708	34.416	23.857	23.849	30.197	24.371	408.7	0.632	1527.5	13.59
130.	129.2	20.472	20.448	34.472	24.242	24.234	30.609	24.801	372.2	0.671	1524.4	10.78
140.	139.2	19.737	19.711	34.492	24.451	24.443	30.835	25.055	352.5	0.707	1522.5	9.08
150.	149.1	19.102	19.076	34.514	24.632	24.624	31.031	25.280	335.5	0.742	1520.9	4.01
160.	159.0	18.603	18.575	34.528	24.769	24.761	31.180	25.462	322.8	0.774	1519.7	5.57
170.	169.0	17.694	17.665	34.529	24.994	24.986	31.427	25.733	301.4	0.805	1517.2	8.07
179.	177.9	17.242	17.212	34.558	25.125	25.117	31.569	26.010	280.5	0.832	1516.0	5.03
190.	188.8	16.591	16.561	34.562	25.282	25.274	31.743	26.112	274.4	0.863	1514.2	3.56
200.	198.8	16.166	16.134	34.565	25.383	25.375	31.855	26.258	265.0	0.890	1513.1	3.87
210.	208.7	15.646	15.613	34.558	25.496	25.488	31.981	26.416	254.5	0.916	1511.7	8.83
220.	218.6	15.112	15.079	34.562	25.618	25.609	32.117	26.584	243.1	0.941	1510.2	2.48
230.	228.6	14.406	14.373	34.559	25.768	25.760	32.288	26.781	228.8	0.964	1508.1	4.67
241.	239.5	13.790	13.756	34.561	25.899	25.891	32.436	26.964	216.4	0.989	1506.3	5.20
250.	248.4	13.145	13.111	34.549	26.022	26.014	32.577	27.129	204.8	1.007	1504.3	7.80
260.	258.4	12.552	12.518	34.559	26.148	26.140	32.720	27.302	192.9	1.027	1502.5	5.36
270.	268.3	12.086	12.050	34.554	26.234	26.226	32.820	27.435	184.7	1.046	1501.0	5.85
280.	278.2	11.809	11.772	34.552	26.284	26.277	32.879	27.532	180.0	1.064	1500.3	5.03
290.	288.2	11.259	11.223	34.557	26.391	26.384	33.002	27.686	169.9	1.082	1498.5	0.00
300.	298.1	11.117	11.080	34.558	26.418	26.410	33.033	27.758	167.5	1.099	1498.2	0.00
320.	317.9	10.743	10.704	34.560	26.486	26.479	33.114	27.918	161.3	1.132	1497.2	3.15
340.	337.8	10.408	10.367	34.559	26.545	26.538	33.183	28.069	156.0	1.163	1496.4	1.52
360.	357.7	10.033	9.991	34.556	26.607	26.599	33.257	28.223	150.3	1.194	1495.3	3.21
380.	377.5	9.545	9.502	34.559	26.691	26.684	33.357	28.401	142.4	1.223	1493.9	2.84
400.	397.4	9.321	9.276	34.563	26.731	26.724	33.405	28.533	138.8	1.251	1493.4	1.07
420.	417.2	9.131	9.085	34.566	26.765	26.757	33.444	28.658	135.9	1.279	1493.1	1.96
440.	437.0	8.840	8.792	34.560	26.807	26.799	33.496	28.792	132.1	1.306	1492.3	2.05
460.	456.9	8.631	8.582	34.563	26.842	26.834	33.539	28.920	128.9	1.332	1491.9	2.55
480.	476.7	8.462	8.411	34.564	26.870	26.861	33.572	29.039	126.6	1.357	1491.6	2.83
500.	496.6	8.277	8.225	34.567	26.900	26.892	33.609	29.161	123.9	1.382	1491.2	1.13
520.	516.4	8.139	8.085	34.569	26.923	26.915	33.636	29.276	122.0	1.407	1491.0	1.91
540.	536.2	7.838	7.783	34.571	26.969	26.961	33.693	29.416	117.6	1.431	1490.2	1.38
560.	556.1	7.604	7.548	34.573	27.005	26.997	33.736	29.544	114.3	1.454	1489.7	3.55
580.	575.9	7.413	7.355	34.573	27.032	27.024	33.770	29.665	111.9	1.476	1489.3	1.52
599.	594.8	7.319	7.260	34.573	27.046	27.037	33.787	29.828	109.3	1.498	1489.2	1.52
648.	643.3	6.949	6.887	34.584	27.107	27.098	33.861	30.081	105.4	1.551	1488.6	2.31
700.	694.9	6.631	6.566	34.583	27.150	27.141	33.915	30.335	101.6	1.605	1488.2	2.06
753.	747.4	6.282	6.213	34.584	27.197	27.188	33.976	30.628	97.4	1.658	1487.7	2.06
799.	793.0	6.001	5.930	34.584	27.233	27.224	34.022	30.912	93.2	1.702	1487.4	0.87
850.	843.5	5.639	5.565	34.589	27.283	27.273	34.085	31.165	89.5	1.748	1486.8	3.27
900.	893.0	5.376	5.299	34.592	27.317	27.308	34.129	31.432	86.4	1.792	1486.5	0.00
950.	942.5	5.220	5.140	34.592	27.336	27.326	34.154	31.681	84.9	1.835	1486.7	2.05
1000.	992.0	5.008	4.924	34.594	27.362	27.353	34.188	31.939	82.5	1.877	1486.7	1.38
1050.	1041.4	4.902	4.814	34.594	27.375	27.365	34.205	32.180	81.7	1.918	1487.1	0.62
1100.	1090.9	4.702	4.611	34.597	27.400	27.390	34.238	32.437	79.4	1.958	1487.1	1.86
1151.	1141.3	4.522	4.429	34.602	27.424	27.414	34.269	32.697	77.2	1.998	1487.2	0.50
1200.	1189.8	4.354	4.258	34.605	27.445	27.434	34.296	32.944	75.3	2.035	1487.4	1.86
1250.	1239.2	4.049	3.951	34.613	27.483	27.473	34.346	33.218	71.3	2.072	1486.9	1.64
1300.	1288.6	3.981	3.880	34.617	27.494	27.483	34.359	33.457	70.6	2.108	1487.5	0.62
1401.	1388.4	3.617	3.510	34.633	27.544	27.533	34.424	33.977	65.7	2.176	1487.7	0.87
1500.	1486.2	3.396	3.284	34.650	27.579	27.568	34.468	34.468	62.4	2.240	1488.4	0.00
1600.	1584.9	3.186	3.067	34.668	27.614	27.603	34.511	34.963	59.1	2.301	1489.2	0.00
1700.	1683.5	2.984	2.859	34.685	27.646	27.635	34.552	35.455	56.1	2.359	1490.0	1.07
1800.	1782.1	2.911	2.778	34.691	27.658	27.646	34.567	35.921	55.3	2.414	1491.4	0.00
1900.	1880.7	2.870	2.730	34.696	27.667	27.654	34.577	36.381	55.1	2.469	1492.9	0.00
2000.	1979.2	2.828	2.678	34.700	27.674	27.661	34.587	36.839	54.8	2.524	1494.4	0.00
2101.	2078.7	2.808	2.650	34.702	27.679	27.665	34.593	37.297	55.0	2.580	1496.0	0.00
2200.	2176.1	2.788	2.621	34.705	27.683	27.669	34.598	37.745	55.1	2.634	1497.6	0.00
2300.	2274.5	2.772	2.596	34.707	27.688	27.672	34.604	38.197	55.3	2.689	1499.2	0.00
2401.	2373.8	2.765	2.580	34.707	27.689	27.673	34.606	38.648	55.8	2.745	1500.9	0.00
fin	2473.	2444.6	2.770	2.578	34.707	27.689	27.672	34.606	0.000	2.8*****	0.6	

Mean vertical sound speed between 6. et 2473. dbar : 1495.0 m/s  
Reference pressure for gamprf : 1500. dbar

JADE 95 Station 31 - (22 Nov 95)



# STATION 31

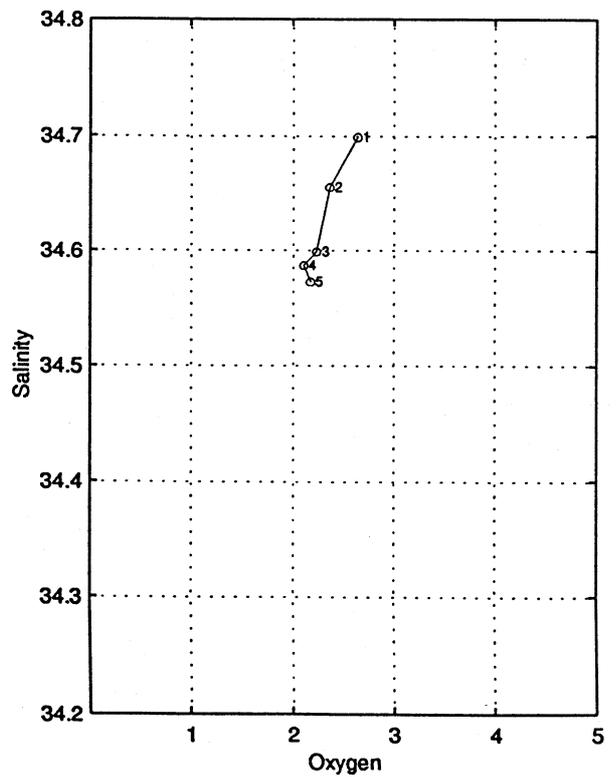
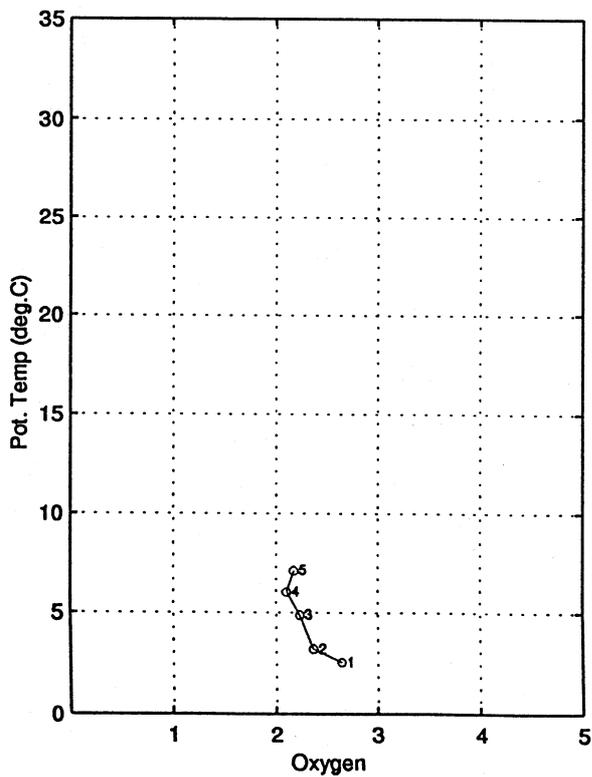
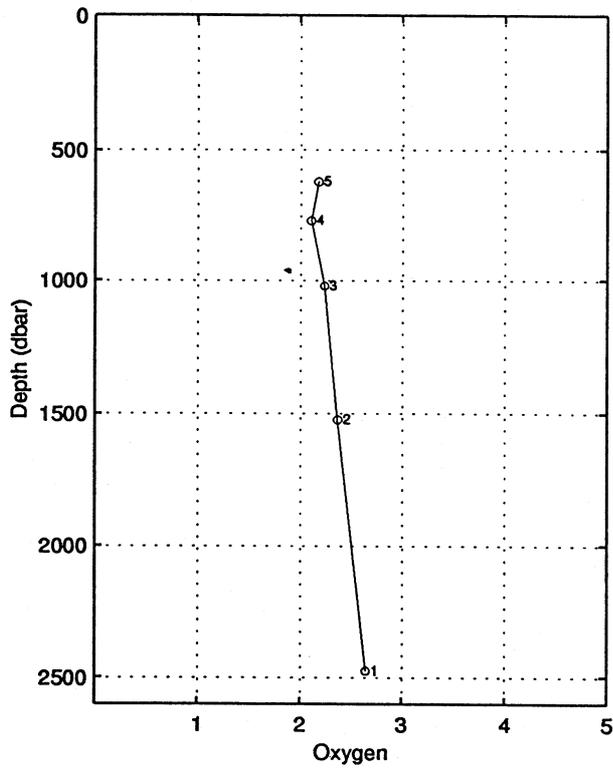
JADE 95

## Oxygen Profile

Bathysonde : Guildline INSU-Brest

Area : South Banda & Timor Sea - Indonesia

Cruise name : JADE95 - R/V Baruna Jaya I



98/10/14  
09:42:14

listacor\_32

1

JADE 95

station : 32.00

data reduction: 1 dbar

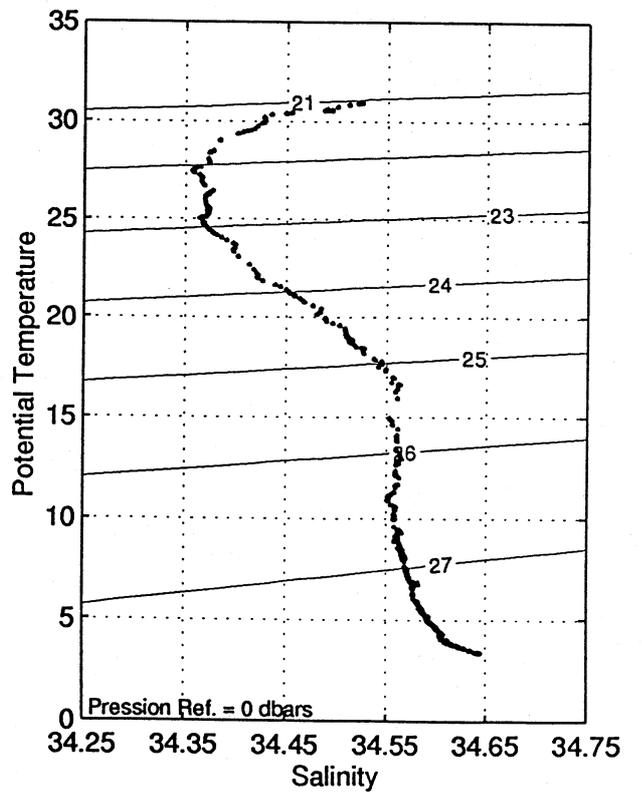
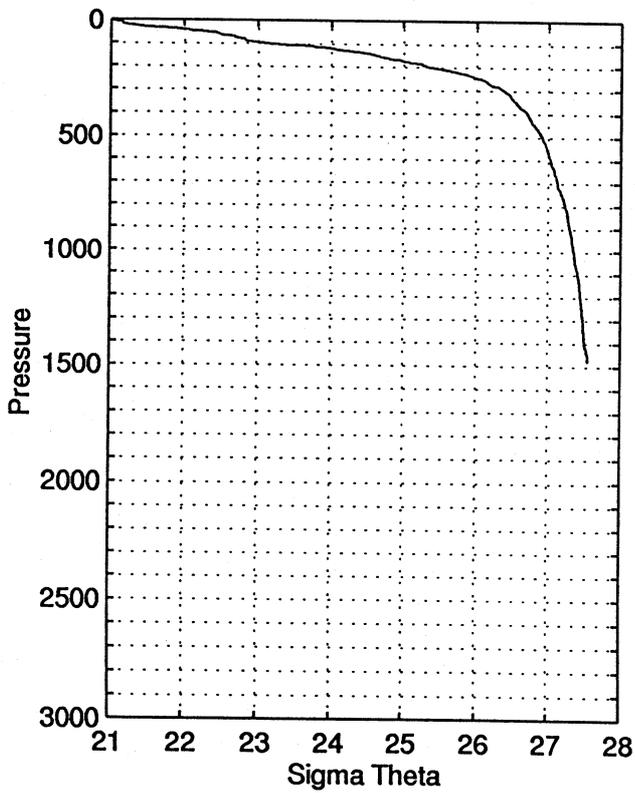
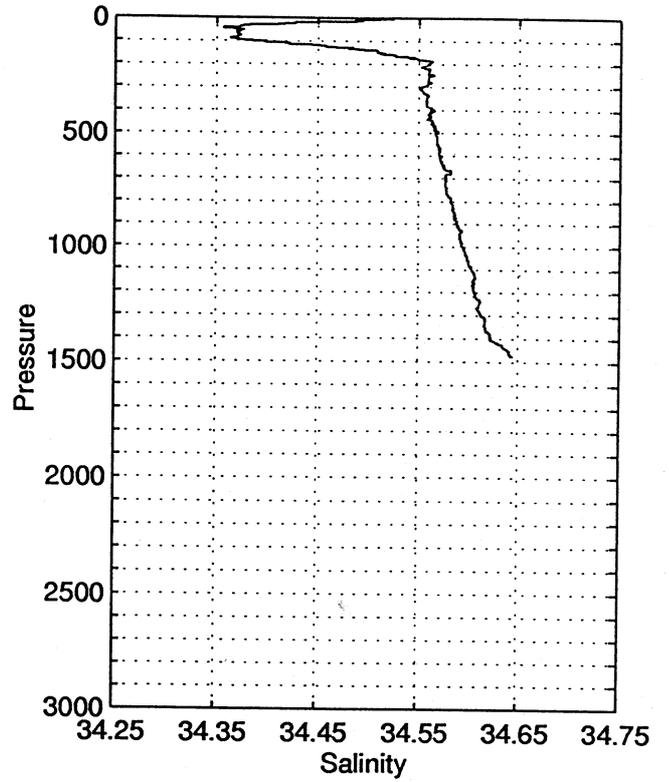
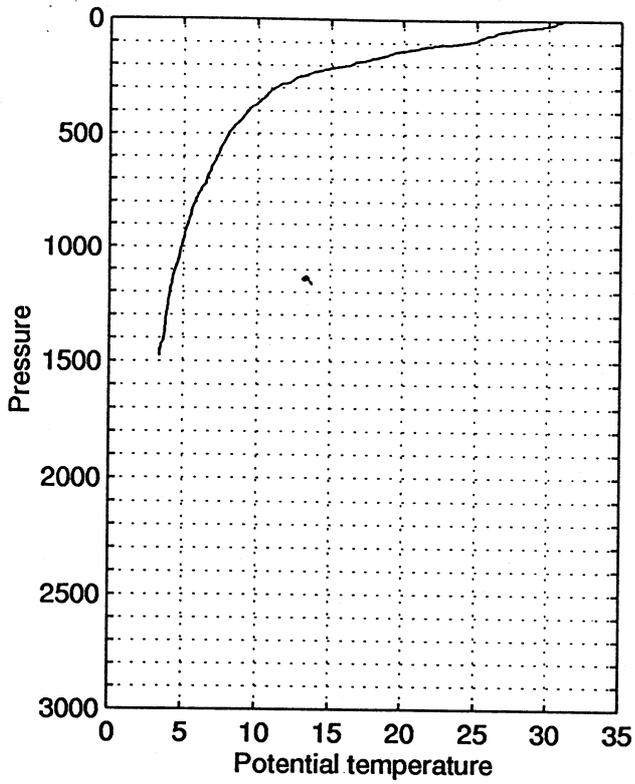
le 22/11/1995 a 15.00 tu -10.2573 125.0781 depth : 1572 m (1587.dbar)

press.	prof	temp.	theta	salin	sigtheta	sigmaannat	gamprf	gapt5	avsp	h-dyn	v(sound)	bva
								(*1e5)	(mdyn)		(cph)	
3.	3.0	30.934	30.934	34.525	21.051	21.048	27.216	21.061	672.5	0.000	1547.1	0.00
10.	9.9	30.544	30.542	34.490	21.160	21.157	27.332	21.200	662.4	0.047	1546.4	2.74
20.	19.9	30.191	30.187	34.427	21.236	21.232	27.413	21.317	655.6	0.113	1545.7	8.28
30.	29.8	29.370	29.362	34.401	21.496	21.491	27.687	21.619	631.2	0.177	1544.2	9.03
40.	39.8	27.674	27.665	34.364	22.028	22.023	28.249	22.194	580.6	0.237	1540.6	12.66
50.	49.7	26.741	26.730	34.368	22.330	22.324	28.569	22.539	552.1	0.294	1538.7	9.85
60.	59.7	26.265	26.251	34.373	22.484	22.477	28.731	22.735	537.8	0.348	1537.7	4.56
70.	69.6	25.596	25.580	34.372	22.691	22.685	28.952	22.986	518.3	0.401	1536.3	7.43
80.	79.5	25.219	25.201	34.371	22.806	22.799	29.074	23.144	507.8	0.453	1535.6	5.65
90.	89.5	24.892	24.872	34.367	22.903	22.896	29.177	23.284	498.9	0.503	1535.0	8.64
100.	99.4	24.073	24.052	34.386	23.163	23.155	29.453	23.587	474.5	0.552	1533.2	10.40
110.	109.3	22.272	22.250	34.420	23.708	23.701	30.036	24.178	422.6	0.597	1528.8	12.51
120.	119.3	21.257	21.234	34.453	24.016	24.008	30.365	24.530	393.5	0.638	1526.3	8.65
130.	129.2	20.466	20.442	34.485	24.253	24.245	30.620	24.812	371.2	0.677	1524.4	12.07
140.	139.2	19.622	19.596	34.503	24.489	24.482	30.876	25.093	348.9	0.713	1522.2	10.01
150.	149.1	19.098	19.072	34.511	24.630	24.622	31.029	25.279	335.7	0.747	1520.9	4.72
160.	159.0	18.650	18.622	34.517	24.749	24.741	31.158	25.442	324.7	0.780	1519.8	7.86
170.	169.0	17.824	17.795	34.545	24.975	24.967	31.404	25.713	303.3	0.811	1517.6	8.26
179.	177.9	17.355	17.325	34.549	25.091	25.083	31.533	25.971	284.6	0.838	1516.3	6.03
190.	188.8	16.651	16.620	34.562	25.268	25.260	31.728	26.098	275.8	0.869	1514.4	2.63
199.	197.8	16.298	16.267	34.559	25.348	25.340	31.816	26.302	261.7	0.894	1513.5	7.09
213.	211.7	15.025	14.993	34.553	25.630	25.622	32.132	26.566	241.7	0.929	1509.8	7.77
222.	220.6	14.473	14.440	34.562	25.756	25.748	32.273	26.734	229.8	0.951	1508.2	6.01
230.	228.6	13.978	13.945	34.560	25.859	25.852	32.391	26.874	220.0	0.969	1506.7	6.10
240.	238.5	13.509	13.476	34.560	25.956	25.948	32.501	27.017	210.9	0.990	1505.3	5.39
250.	248.4	12.986	12.952	34.566	26.067	26.059	32.626	27.175	200.5	1.011	1503.8	9.12
257.	255.4	12.691	12.656	34.560	26.121	26.113	32.689	27.376	190.3	1.025	1502.9	4.15
270.	268.3	12.405	12.369	34.559	26.176	26.169	32.753	27.382	190.2	1.050	1502.1	3.67
280.	278.2	12.080	12.044	34.562	26.241	26.234	32.828	27.487	184.2	1.069	1501.2	8.48
288.	286.2	11.608	11.571	34.559	26.328	26.321	32.929	27.694	171.8	1.083	1499.7	4.20
300.	298.1	11.226	11.189	34.554	26.394	26.387	33.007	27.734	169.8	1.104	1498.6	3.50
325.	322.9	10.739	10.700	34.556	26.484	26.476	33.111	27.938	161.6	1.145	1497.3	3.05
340.	337.8	10.559	10.518	34.560	26.519	26.511	33.152	28.042	158.5	1.169	1496.9	2.55
360.	357.6	10.179	10.137	34.558	26.583	26.576	33.229	28.198	152.6	1.200	1495.9	3.55
382.	379.5	9.674	9.630	34.558	26.669	26.662	33.331	28.387	144.6	1.233	1494.4	4.03
399.	396.4	9.432	9.387	34.565	26.715	26.708	33.385	28.541	139.3	1.257	1493.8	3.15
420.	417.2	9.181	9.134	34.560	26.753	26.745	33.431	28.645	137.1	1.286	1493.2	2.55
440.	437.0	8.987	8.939	34.558	26.782	26.774	33.467	28.766	134.6	1.313	1492.9	2.05
460.	456.9	8.647	8.598	34.563	26.840	26.832	33.535	28.917	129.2	1.340	1491.9	1.96
481.	477.7	8.347	8.296	34.566	26.888	26.880	33.594	29.063	124.7	1.366	1491.2	1.45
500.	496.6	8.120	8.069	34.570	26.926	26.918	33.640	29.189	121.3	1.390	1490.6	1.86
518.	514.4	7.972	7.919	34.569	26.948	26.939	33.666	29.477	115.8	1.411	1490.4	1.07
560.	556.1	7.621	7.565	34.570	27.000	26.992	33.731	29.539	114.8	1.460	1489.7	1.64
580.	575.9	7.502	7.444	34.571	27.019	27.010	33.754	29.650	113.3	1.483	1489.6	0.00
600.	595.7	7.338	7.279	34.573	27.043	27.035	33.784	29.767	111.1	1.506	1489.3	2.55
650.	645.3	6.964	6.901	34.576	27.098	27.089	33.852	30.053	106.2	1.560	1488.7	2.23
700.	694.9	6.660	6.594	34.578	27.142	27.133	33.907	30.327	102.4	1.612	1488.3	0.00
748.	742.4	6.285	6.217	34.578	27.191	27.182	33.970	30.704	95.5	1.661	1487.6	2.14
801.	794.9	5.893	5.821	34.582	27.245	27.236	34.038	30.901	92.9	1.711	1487.0	0.87
850.	843.5	5.637	5.563	34.586	27.280	27.271	34.082	31.163	89.8	1.756	1486.8	0.00
900.	893.0	5.419	5.342	34.589	27.309	27.300	34.120	31.423	87.2	1.800	1486.7	1.75
950.	942.5	5.191	5.111	34.592	27.339	27.329	34.158	31.684	84.6	1.843	1486.6	1.24
999.	991.0	4.996	4.913	34.593	27.363	27.353	34.189	31.962	81.7	1.883	1486.6	0.00
1050.	1041.4	4.830	4.743	34.599	27.387	27.377	34.220	32.194	80.4	1.925	1486.8	0.87
1100.	1090.9	4.578	4.489	34.604	27.419	27.409	34.261	32.459	77.3	1.964	1486.6	1.07
1151.	1141.3	4.362	4.270	34.605	27.444	27.434	34.295	32.721	74.9	2.003	1486.6	1.31
1200.	1189.8	4.215	4.120	34.606	27.460	27.450	34.317	32.964	73.5	2.039	1486.8	0.00
1247.	1236.2	4.104	4.006	34.611	27.477	27.466	34.338	33.273	71.9	2.073	1487.1	0.00
1300.	1288.6	3.978	3.876	34.613	27.492	27.481	34.358	33.455	70.8	2.111	1487.5	0.62
1400.	1387.4	3.829	3.721	34.624	27.515	27.504	34.387	33.936	69.0	2.181	1488.5	0.87
fin	1478.	1464.4	3.512	3.400	34.643	27.552	34.447	0.000	2.2*****		0.9	

Mean vertical sound speed between 3. et 1478. dbar : 1495.4 m/s  
Reference pressure for gamprf : 1500. dbar



JADE 95 Station 32 - (22 Nov 95)



98/10/14  
09:42:21

listacor\_33

1

JADE 95

station : 33.00

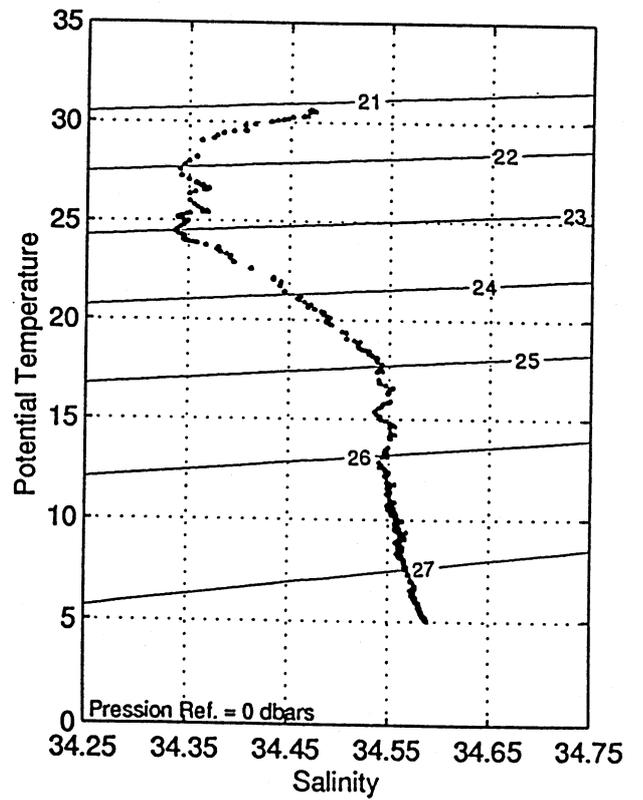
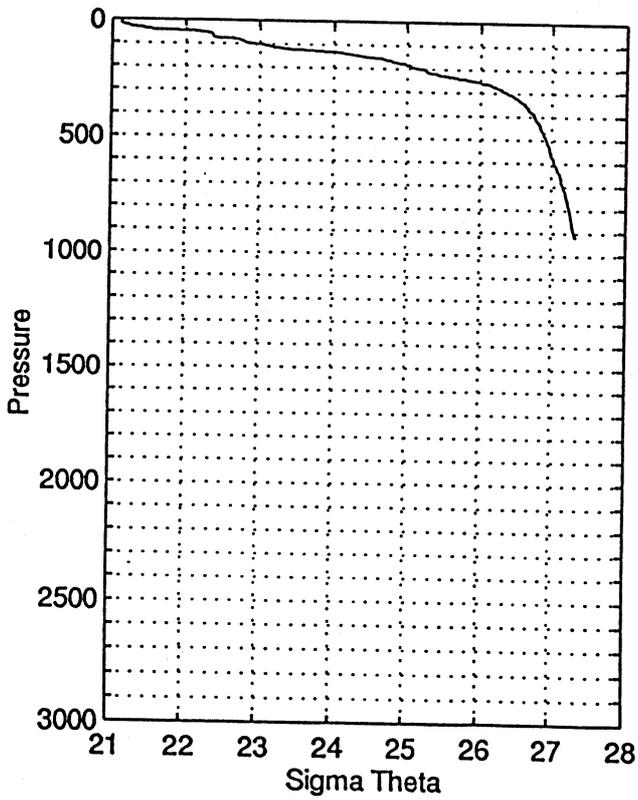
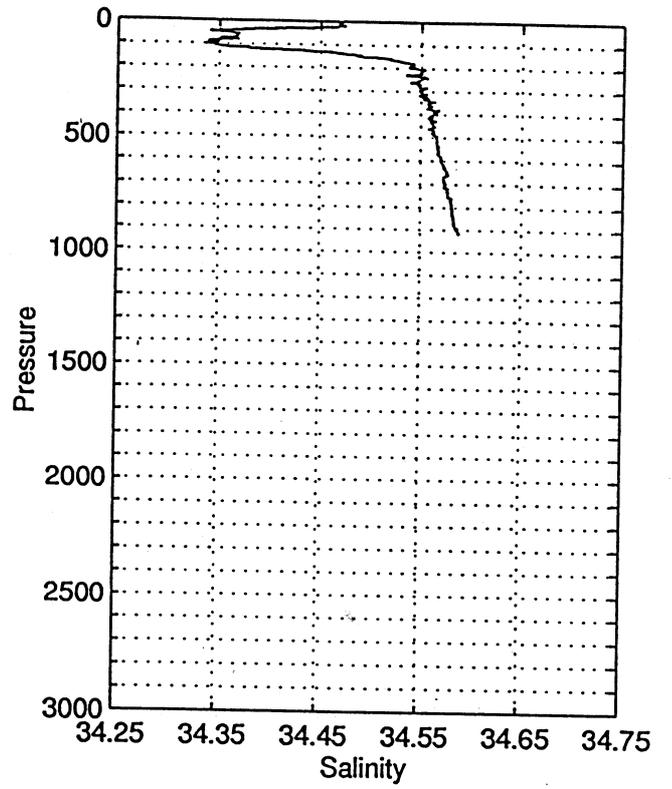
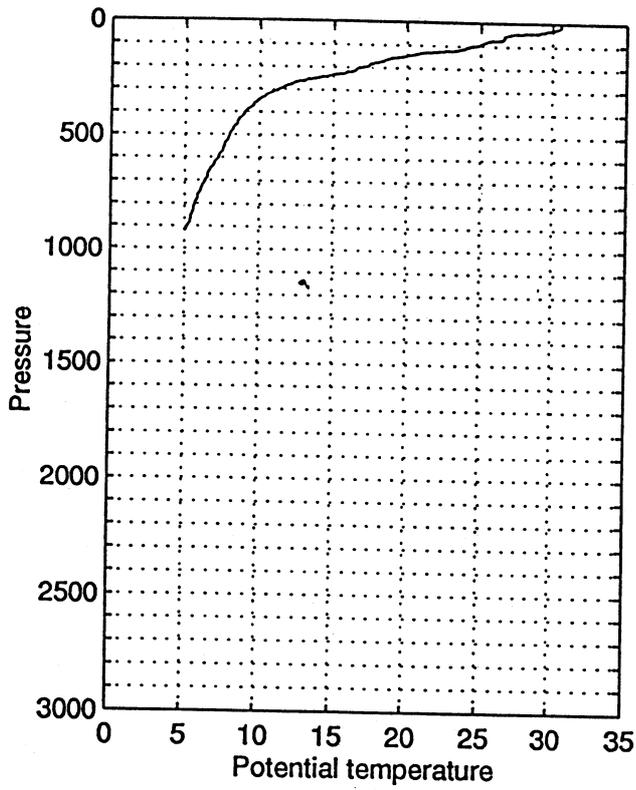
data reduction: 1 dbar

le 22/11/1995 a 17.00 tu -10.3500 125.1316 depth : 1000 m (1008.dbar)

press.	prof	temp.	theta	salin	sigtheta	sigmaamm	gamprf	gapts	avsp	h-dyn	v(sound)	bva
								(*1e5)	(mdyn)		(cph)	
2.	2.0	30.575	30.575	34.471	21.135	21.132	27.306	21.141	664.4	0.000	1546.3	0.00
10.	9.9	30.584	30.581	34.468	21.130	21.127	27.302	21.170	665.2	0.053	1546.4	0.00
19.	18.9	30.511	30.506	34.469	21.157	21.153	27.329	21.319	656.7	0.113	1546.4	4.39
30.	29.8	30.018	30.010	34.431	21.299	21.294	27.479	21.422	650.1	0.185	1545.6	7.14
40.	39.8	29.067	29.057	34.362	21.569	21.563	27.766	21.734	624.6	0.249	1543.7	9.85
51.	50.7	26.941	26.929	34.357	22.258	22.253	28.493	22.472	559.0	0.314	1539.1	9.51
60.	59.7	26.647	26.634	34.368	22.360	22.354	28.601	22.612	549.6	0.363	1538.6	2.06
70.	69.6	26.592	26.576	34.367	22.378	22.371	28.619	22.671	548.4	0.418	1538.7	3.34
80.	79.5	25.526	25.508	34.367	22.710	22.702	28.971	23.047	517.0	0.472	1536.3	8.53
89.	88.5	25.199	25.180	34.339	22.789	22.781	29.057	23.215	507.2	0.518	1535.7	5.83
100.	99.4	24.724	24.703	34.342	22.936	22.927	29.213	23.359	496.2	0.574	1534.7	8.23
110.	109.3	23.994	23.971	34.347	23.157	23.149	29.449	23.624	475.4	0.622	1533.1	8.91
120.	119.3	23.447	23.422	34.382	23.344	23.335	29.647	23.854	457.9	0.669	1531.9	8.45
130.	129.2	21.944	21.918	34.442	23.818	23.809	30.152	24.374	412.9	0.712	1528.3	11.07
140.	139.2	20.684	20.657	34.468	24.183	24.175	30.546	24.785	378.2	0.752	1525.1	8.54
150.	149.1	19.978	19.951	34.486	24.384	24.376	30.762	25.030	359.3	0.788	1523.3	7.71
160.	159.0	18.921	18.893	34.520	24.683	24.675	31.086	25.375	331.0	0.823	1520.6	7.66
170.	169.0	18.460	18.431	34.530	24.806	24.798	31.220	25.543	319.5	0.855	1519.4	5.61
180.	178.9	17.927	17.896	34.538	24.945	24.936	31.372	25.727	306.6	0.887	1518.0	8.19
190.	188.8	17.455	17.423	34.543	25.063	25.054	31.502	25.890	295.5	0.917	1516.8	1.38
200.	198.8	17.025	16.993	34.540	25.164	25.155	31.613	26.035	286.2	0.946	1515.7	6.58
210.	208.7	16.581	16.547	34.553	25.278	25.269	31.739	26.195	275.5	0.974	1514.5	1.58
222.	220.6	15.963	15.928	34.551	25.420	25.411	31.897	26.391	262.2	1.006	1512.8	8.26
230.	228.6	15.608	15.573	34.539	25.491	25.482	31.978	26.499	255.6	1.027	1511.9	6.61
240.	238.5	14.690	14.654	34.556	25.705	25.697	32.217	26.761	235.2	1.051	1509.1	6.58
252.	250.4	13.625	13.589	34.549	25.924	25.916	32.466	27.038	214.3	1.078	1505.9	7.54
260.	258.4	13.145	13.109	34.543	26.018	26.010	32.573	27.169	205.4	1.095	1504.4	1.52
271.	269.3	12.383	12.347	34.550	26.173	26.166	32.751	27.378	190.6	1.116	1502.1	5.89
282.	280.2	11.914	11.878	34.548	26.262	26.255	32.854	27.518	182.2	1.137	1500.6	5.29
290.	288.2	11.695	11.658	34.550	26.304	26.297	32.903	27.597	178.3	1.151	1500.0	3.61
300.	298.1	11.327	11.290	34.548	26.371	26.364	32.981	27.711	172.0	1.169	1498.9	4.15
320.	317.9	10.656	10.618	34.553	26.496	26.489	33.127	27.929	160.3	1.202	1496.9	5.79
340.	337.8	10.184	10.144	34.557	26.582	26.574	33.227	28.107	152.3	1.233	1495.6	3.09
360.	357.6	9.729	9.688	34.558	26.660	26.653	33.320	28.279	145.0	1.263	1494.2	4.55
380.	377.5	9.463	9.420	34.562	26.708	26.700	33.376	28.418	140.8	1.292	1493.6	4.50
400.	397.3	9.094	9.050	34.566	26.771	26.763	33.451	28.574	134.9	1.319	1492.6	3.96
420.	417.2	8.894	8.848	34.559	26.797	26.790	33.485	28.693	132.6	1.346	1492.2	1.86
440.	437.0	8.609	8.562	34.562	26.844	26.837	33.541	28.832	128.4	1.372	1491.5	1.75
461.	457.9	8.446	8.397	34.561	26.870	26.862	33.572	28.953	126.2	1.399	1491.2	3.71
480.	476.7	8.272	8.222	34.561	26.896	26.888	33.604	29.067	123.9	1.423	1490.9	2.62
500.	496.6	8.073	8.022	34.566	26.930	26.922	33.645	29.194	120.8	1.447	1490.4	1.07
518.	514.4	7.957	7.904	34.565	26.947	26.939	33.666	29.385	116.9	1.469	1490.3	0.00
540.	536.2	7.751	7.697	34.567	26.979	26.971	33.705	29.426	116.6	1.495	1489.9	1.52
560.	556.1	7.638	7.582	34.568	26.996	26.988	33.726	29.535	115.2	1.518	1489.8	1.96
584.	579.9	7.400	7.343	34.570	27.033	27.024	33.771	29.683	111.9	1.545	1489.3	2.74
600.	595.7	7.348	7.289	34.571	27.040	27.032	33.781	29.764	111.4	1.563	1489.3	0.00
651.	646.3	6.776	6.715	34.576	27.124	27.115	33.884	30.086	103.5	1.618	1488.0	1.01
699.	693.9	6.436	6.371	34.576	27.170	27.161	33.943	30.370	99.3	1.667	1487.4	0.00
750.	744.4	6.090	6.023	34.577	27.216	27.207	34.001	30.637	95.2	1.716	1486.9	2.14
800.	793.9	5.764	5.694	34.581	27.260	27.251	34.057	30.914	91.2	1.763	1486.4	1.96
852.	845.4	5.531	5.457	34.583	27.291	27.282	34.097	31.185	88.6	1.809	1486.4	2.29
900.	893.0	5.270	5.194	34.587	27.325	27.316	34.141	31.442	85.4	1.852	1486.1	1.51
fin	921.	913.7	5.104	5.027	34.589	27.346	27.337	34.168	0.000	1.9*****	1.1	

Mean vertical sound speed between 2. et 921. dbar : 1500.7 m/s  
Reference pressure for gamprf : 1500. dbar

JADE 95 Station 33 - (22 Nov 95)



98/10/14  
09:42:27

listacor\_34

1

JADE 95

station : 34.00

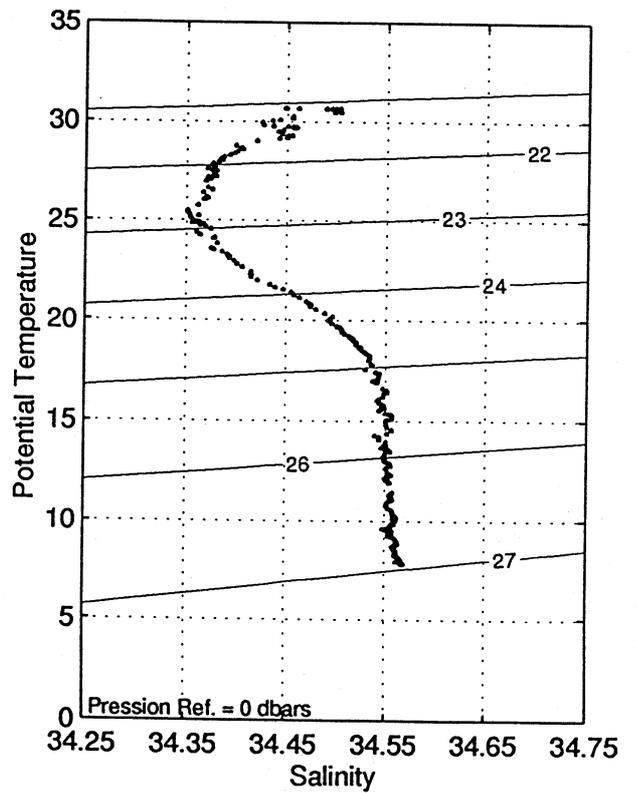
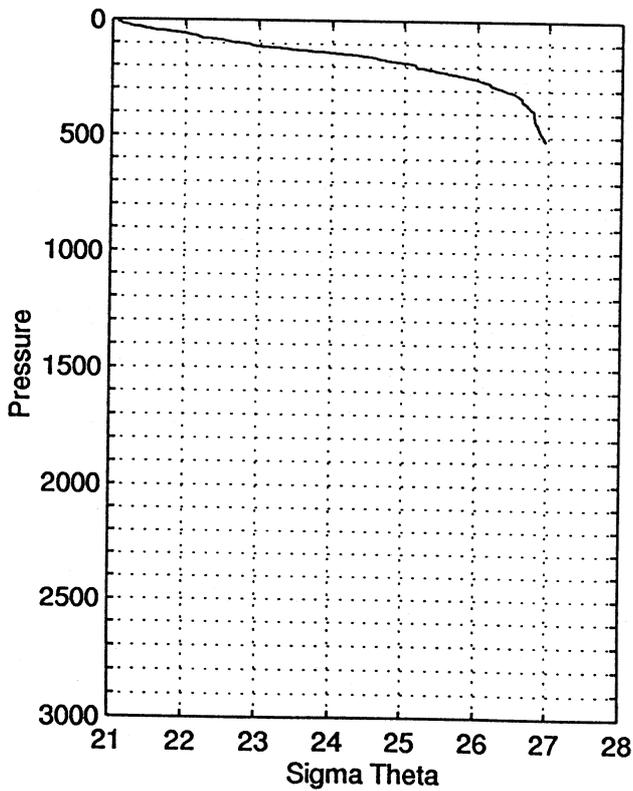
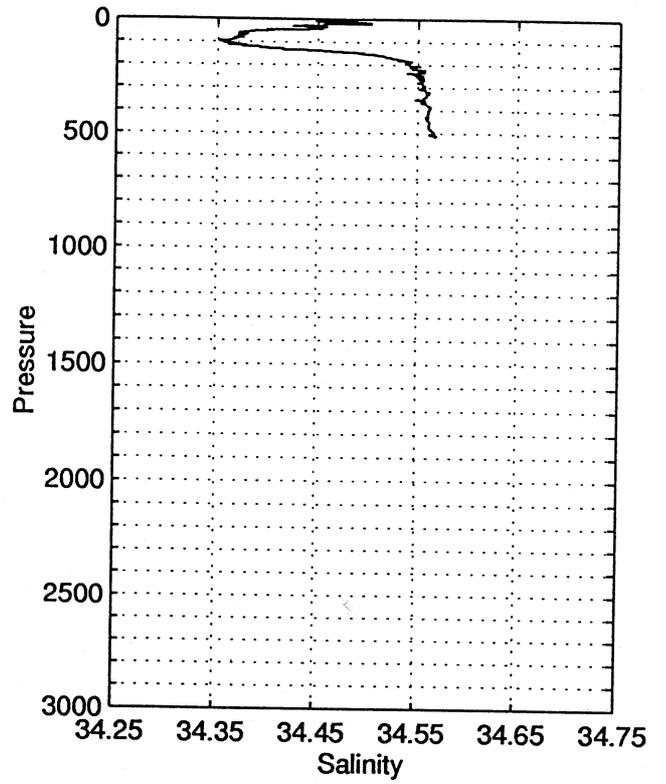
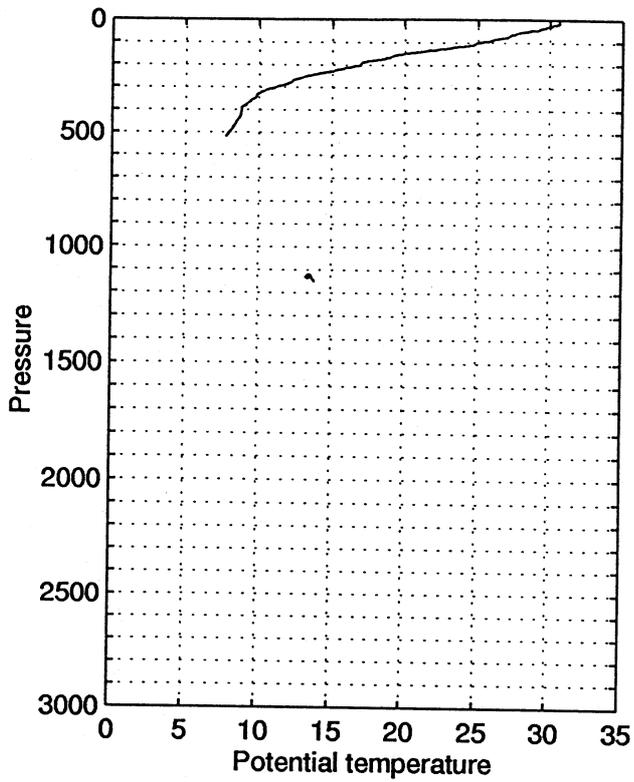
data reduction: 1 dbar

le 22/11/1995 a 19.30 tu -10.5021 125.1893 depth : 610 m ( 614.dbar)

press.	prof	temp.	theta	salin	sigtheta	sigmaamat	gamprf	gapt5	avsp	h-dyn	v(sound)	bva
								(*1e5)	(mdyn)		(cph)	
6.	6.0	30.670	30.668	34.448	21.085	21.082	27.255	21.108	669.3	0.000	1546.5	0.00
10.	9.9	30.674	30.672	34.449	21.085	21.082	27.255	21.124	669.6	0.027	1546.6	0.00
20.	19.9	30.486	30.481	34.503	21.191	21.187	27.364	21.272	659.9	0.093	1546.4	9.22
30.	29.8	29.823	29.816	34.426	21.361	21.356	27.545	21.484	644.1	0.159	1545.2	12.11
40.	39.8	29.312	29.302	34.451	21.553	21.547	27.745	21.718	626.1	0.222	1544.3	9.53
50.	49.7	28.484	28.472	34.400	21.791	21.785	27.998	21.999	603.8	0.284	1542.6	10.07
60.	59.7	27.757	27.743	34.377	22.012	22.006	28.232	22.263	583.0	0.343	1541.1	4.78
70.	69.6	27.206	27.190	34.377	22.190	22.183	28.420	22.483	566.4	0.401	1540.1	2.77
81.	80.5	26.657	26.638	34.371	22.361	22.353	28.601	22.701	550.6	0.463	1539.0	12.86
89.	88.5	26.059	26.040	34.367	22.546	22.537	28.797	23.027	525.2	0.506	1537.7	5.37
100.	99.4	25.194	25.173	34.354	22.802	22.794	29.070	23.225	509.0	0.563	1535.9	6.80
110.	109.3	24.809	24.785	34.365	22.928	22.919	29.204	23.394	497.4	0.613	1535.1	3.74
120.	119.3	23.541	23.516	34.377	23.313	23.305	29.615	23.824	460.9	0.662	1532.1	7.61
130.	129.2	22.452	22.426	34.415	23.655	23.646	29.979	24.210	428.5	0.706	1529.6	15.07
140.	139.2	21.297	21.270	34.458	24.009	24.000	30.358	24.609	394.9	0.748	1526.7	11.42
150.	149.1	20.070	20.042	34.493	24.365	24.357	30.741	25.011	361.2	0.785	1523.6	4.63
160.	159.0	19.248	19.220	34.513	24.594	24.586	30.989	25.285	339.6	0.821	1521.5	9.12
170.	169.0	18.703	18.673	34.525	24.742	24.733	31.150	25.478	325.7	0.854	1520.1	4.76
180.	178.9	17.889	17.858	34.535	24.952	24.943	31.380	25.734	305.9	0.886	1517.9	11.53
190.	188.8	17.077	17.046	34.542	25.152	25.144	31.601	25.980	286.9	0.915	1515.7	4.11
200.	198.8	16.969	16.937	34.541	25.178	25.169	31.629	26.050	284.8	0.944	1515.5	1.38
210.	208.7	16.263	16.229	34.547	25.348	25.339	31.817	26.266	268.8	0.972	1513.6	7.57
220.	218.6	15.590	15.556	34.544	25.498	25.489	31.985	26.462	254.6	0.998	1511.6	7.00
230.	228.6	15.007	14.972	34.550	25.632	25.624	32.135	26.643	242.0	1.022	1510.0	7.38
240.	238.5	14.042	14.008	34.551	25.839	25.831	32.368	26.898	222.2	1.046	1507.1	9.51
250.	248.4	13.370	13.335	34.550	25.977	25.969	32.526	27.083	209.1	1.067	1505.0	6.61
260.	258.4	12.935	12.900	34.555	26.068	26.061	32.630	27.221	200.5	1.088	1503.7	5.77
270.	268.3	12.341	12.305	34.554	26.185	26.177	32.764	27.385	189.5	1.107	1501.9	2.36
280.	278.2	12.225	12.188	34.550	26.204	26.196	32.786	27.449	187.9	1.126	1501.7	4.01
293.	291.1	11.501	11.463	34.558	26.347	26.339	32.951	27.654	174.3	1.150	1499.4	6.17
300.	298.1	11.253	11.216	34.557	26.392	26.384	33.003	27.731	170.1	1.162	1498.7	4.67
320.	317.9	10.264	10.226	34.561	26.571	26.564	33.213	28.006	153.0	1.194	1495.5	6.94
340.	337.8	9.897	9.858	34.559	26.632	26.625	33.286	28.160	147.4	1.224	1494.5	0.62
360.	357.6	9.485	9.444	34.556	26.699	26.692	33.367	28.319	141.2	1.253	1493.4	4.10
380.	377.5	9.171	9.129	34.560	26.753	26.746	33.431	28.466	136.2	1.280	1492.5	2.31
400.	397.3	8.870	8.827	34.562	26.803	26.796	33.491	28.608	131.7	1.307	1491.8	1.86
420.	417.2	8.822	8.777	34.560	26.809	26.802	33.499	28.705	131.5	1.333	1491.9	1.24
440.	437.0	8.671	8.624	34.559	26.833	26.825	33.527	28.820	129.5	1.359	1491.7	2.55
459.	455.9	8.486	8.438	34.561	26.863	26.855	33.564	28.993	125.6	1.384	1491.3	0.87
480.	476.7	8.286	8.236	34.562	26.895	26.887	33.603	29.066	124.1	1.410	1490.9	1.52
500.	496.6	8.003	7.952	34.567	26.941	26.933	33.659	29.205	119.7	1.435	1490.2	3.03
fin	518.	514.4	7.868	7.815	34.568	26.962	26.954	33.684	0.000	1.5*****	1.9	

Mean vertical sound speed between 6. et 518. dbar : 1510.6 m/s  
Reference pressure for gamprf : 1500. dbar

JADE 95 Station 34 - (22 Nov 95)



98/10/14  
09:42:35

listacor\_35

1

JADE 95

station : 35.00

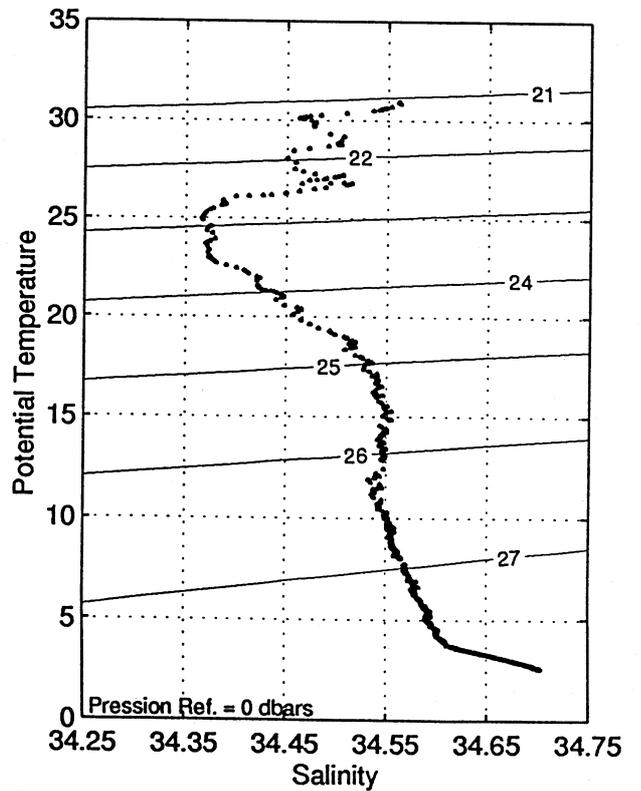
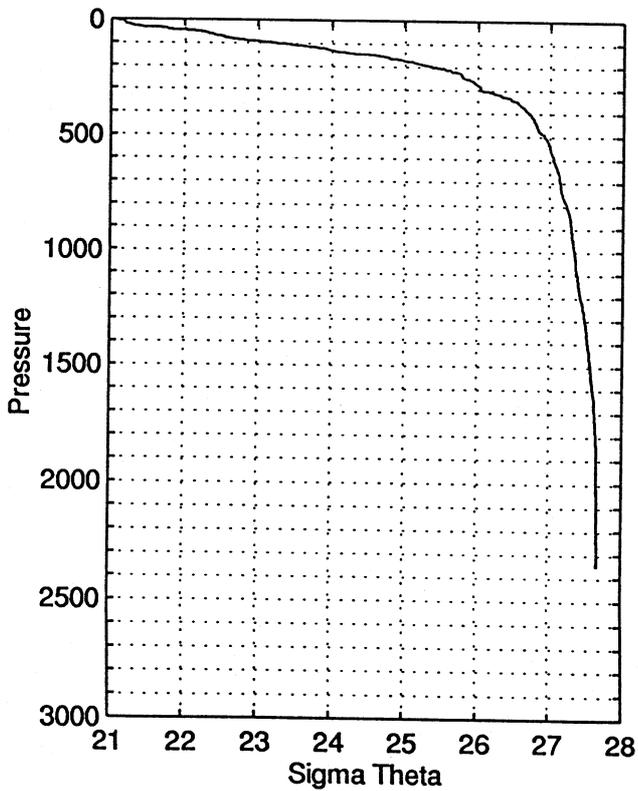
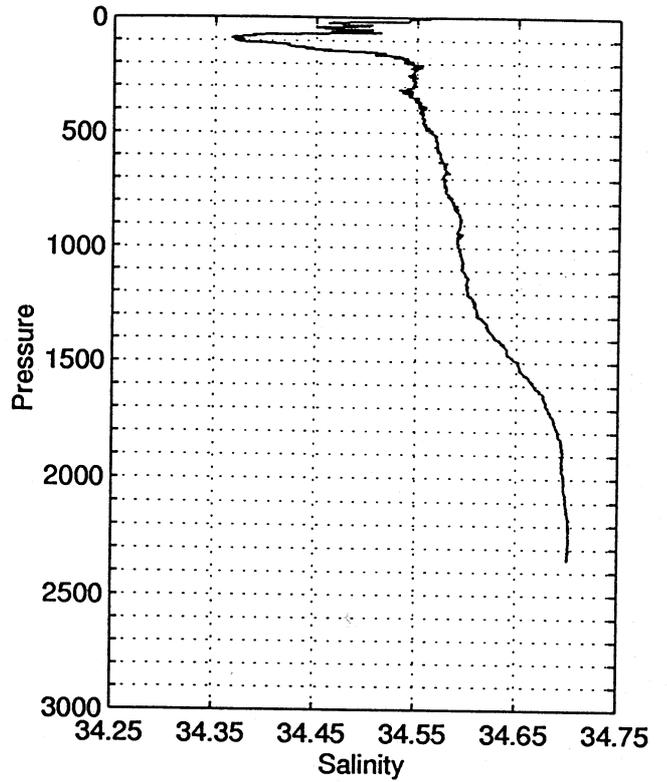
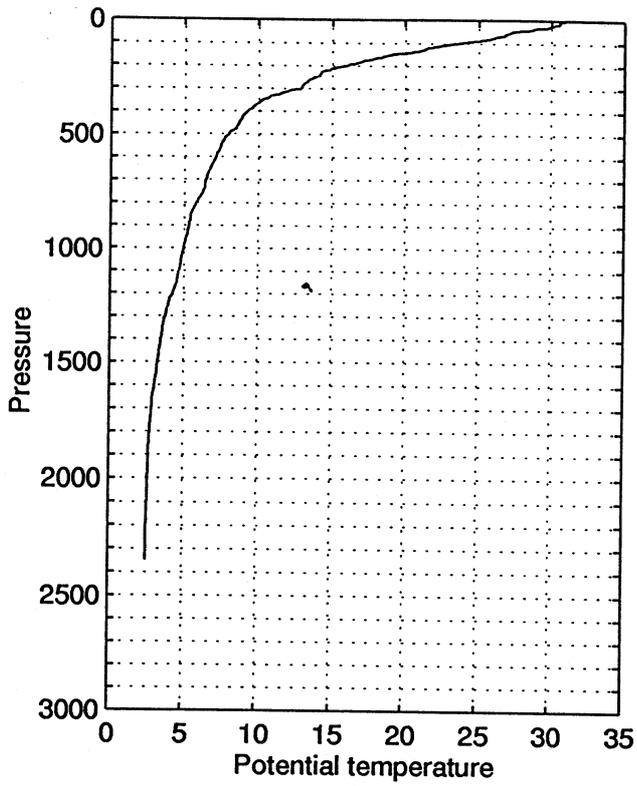
data reduction: 1 dbar

le 23/11/1995 a 3.58 tu -9.4988 126.0010 depth : 2433 m (2461.dbar)

press.	prof	temp.	theta	salin	sigtheta	sigma	gamprf	gapts	avsp	h-dyn	v(sound)	bva
								(*1e5)	(mdyn)		(cph)	
1.	1.0	30.950	30.950	34.561	21.072	21.070	27.237	21.074	670.4	0.000	1547.1	0.00
10.	9.9	30.578	30.575	34.543	21.189	21.185	27.359	21.228	659.7	0.060	1546.5	2.63
20.	19.9	30.254	30.249	34.483	21.256	21.251	27.432	21.337	653.7	0.126	1545.9	7.77
30.	29.8	29.702	29.695	34.476	21.440	21.435	27.625	21.563	636.5	0.190	1544.9	6.75
40.	39.8	28.576	28.567	34.471	21.813	21.808	28.018	21.979	601.2	0.251	1542.7	9.63
50.	49.7	27.295	27.284	34.477	22.235	22.229	28.463	22.444	561.2	0.310	1540.0	11.92
59.	58.7	26.963	26.950	34.472	22.338	22.332	28.572	22.648	547.1	0.359	1539.4	3.62
70.	69.6	26.419	26.404	34.462	22.503	22.496	28.747	22.797	536.4	0.419	1538.4	8.71
80.	79.5	25.810	25.792	34.389	22.639	22.631	28.895	22.976	523.9	0.472	1537.0	8.93
90.	89.5	24.951	24.931	34.366	22.885	22.877	29.158	23.265	500.7	0.524	1535.1	7.88
100.	99.4	23.717	23.696	34.369	23.254	23.247	29.552	23.679	465.7	0.572	1532.2	6.44
110.	109.3	22.758	22.736	34.380	23.540	23.533	29.858	24.009	438.6	0.617	1530.0	6.39
120.	119.3	21.599	21.576	34.421	23.897	23.889	30.239	24.411	404.9	0.659	1527.2	10.93
130.	129.2	21.303	21.278	34.438	23.992	23.983	30.340	24.549	396.2	0.699	1526.6	5.81
140.	139.2	20.508	20.482	34.460	24.224	24.216	30.590	24.826	374.3	0.738	1524.6	10.14
150.	149.1	19.135	19.108	34.498	24.611	24.603	31.009	25.260	337.5	0.774	1521.0	9.59
160.	159.0	18.549	18.521	34.519	24.775	24.767	31.187	25.468	322.1	0.806	1519.5	5.64
171.	170.0	17.757	17.728	34.535	24.983	24.975	31.415	25.726	302.5	0.841	1517.4	5.12
180.	178.9	17.142	17.112	34.541	25.136	25.128	31.583	25.920	288.1	0.867	1515.7	5.14
190.	188.8	16.605	16.574	34.543	25.265	25.257	31.725	26.094	276.1	0.896	1514.3	8.99
200.	198.8	16.043	16.012	34.541	25.392	25.384	31.867	26.267	264.1	0.923	1512.7	5.07
210.	208.7	15.308	15.276	34.553	25.567	25.559	32.062	26.489	247.6	0.948	1510.6	4.38
221.	219.6	14.625	14.592	34.544	25.709	25.702	32.223	26.682	234.2	0.975	1508.6	7.47
230.	228.6	14.285	14.251	34.549	25.786	25.779	32.309	26.800	227.0	0.995	1507.7	1.07
240.	238.5	14.205	14.170	34.547	25.802	25.794	32.327	26.860	225.8	1.018	1507.6	2.63
250.	248.4	13.967	13.931	34.544	25.850	25.842	32.382	26.953	221.5	1.040	1507.0	5.10
260.	258.4	13.519	13.483	34.547	25.945	25.936	32.489	27.094	212.6	1.062	1505.7	7.55
270.	268.3	13.349	13.312	34.547	25.980	25.972	32.529	27.174	209.4	1.083	1505.3	6.03
280.	278.2	13.131	13.093	34.548	26.025	26.017	32.581	27.265	205.3	1.104	1504.7	3.33
290.	288.2	13.018	12.978	34.548	26.048	26.039	32.607	27.333	203.4	1.124	1504.5	1.96
300.	298.1	12.919	12.878	34.546	26.066	26.057	32.628	27.396	201.8	1.145	1504.3	3.81
320.	317.9	11.622	11.581	34.543	26.314	26.306	32.914	27.740	178.2	1.182	1500.3	3.55
340.	337.8	10.776	10.735	34.542	26.467	26.459	33.093	27.988	163.6	1.217	1497.6	3.55
360.	357.7	10.157	10.115	34.549	26.581	26.573	33.227	28.196	152.9	1.248	1495.8	3.55
380.	377.5	9.710	9.666	34.553	26.660	26.652	33.320	28.368	145.5	1.278	1494.5	4.83
400.	397.4	9.345	9.300	34.555	26.721	26.714	33.394	28.522	139.8	1.306	1493.5	2.62
420.	417.2	9.002	8.956	34.555	26.777	26.769	33.461	28.671	134.7	1.334	1492.6	2.70
439.	436.1	8.836	8.789	34.558	26.806	26.798	33.495	28.803	132.0	1.359	1492.3	3.03
460.	456.9	8.686	8.636	34.555	26.828	26.820	33.522	28.905	130.4	1.387	1492.1	0.00
480.	476.7	8.429	8.379	34.562	26.873	26.865	33.576	29.042	126.2	1.412	1491.4	4.46
500.	496.6	8.079	8.027	34.564	26.928	26.920	33.643	29.191	121.1	1.437	1490.5	0.62
519.	515.4	7.780	7.728	34.568	26.975	26.967	33.701	29.357	115.6	1.460	1489.6	2.23
543.	539.2	7.550	7.496	34.571	27.011	27.003	33.744	29.474	113.4	1.487	1489.2	2.27
560.	556.1	7.499	7.444	34.569	27.017	27.009	33.752	29.558	113.1	1.506	1489.3	0.00
580.	575.9	7.349	7.292	34.572	27.041	27.033	33.781	29.674	111.0	1.529	1489.0	1.64
600.	595.7	7.203	7.145	34.573	27.063	27.054	33.808	29.788	109.1	1.551	1488.8	0.87
650.	645.3	6.818	6.756	34.578	27.120	27.111	33.879	30.077	104.0	1.604	1488.1	0.00
701.	695.9	6.533	6.468	34.579	27.159	27.151	33.929	30.351	100.6	1.656	1487.8	2.29
750.	744.4	6.354	6.286	34.579	27.184	27.174	33.959	30.600	98.7	1.705	1488.0	2.47
800.	794.0	5.883	5.812	34.587	27.250	27.241	34.043	30.902	92.4	1.753	1486.9	2.24
850.	843.5	5.546	5.472	34.593	27.297	27.288	34.102	31.181	88.0	1.798	1486.4	1.75
900.	893.0	5.415	5.337	34.593	27.313	27.304	34.124	31.427	86.8	1.842	1486.7	1.07
950.	942.5	5.246	5.165	34.592	27.333	27.323	34.150	31.677	85.3	1.885	1486.8	1.24
1000.	992.0	5.068	4.984	34.592	27.354	27.344	34.177	31.928	83.5	1.927	1487.0	1.75
1050.	1041.4	4.920	4.833	34.596	27.374	27.364	34.203	32.179	81.8	1.969	1487.2	1.07
1094.	1085.0	4.802	4.712	34.595	27.387	27.376	34.221	32.470	79.8	2.004	1487.4	0.00
1150.	1140.4	4.614	4.520	34.600	27.413	27.402	34.254	32.678	78.5	2.049	1487.6	0.00
1200.	1189.8	4.360	4.264	34.602	27.442	27.431	34.293	32.941	75.6	2.087	1487.4	1.51
1250.	1239.2	4.077	3.979	34.609	27.477	27.467	34.339	33.212	72.0	2.124	1487.0	1.38
1300.	1288.6	3.883	3.782	34.611	27.500	27.489	34.369	33.467	69.8	2.160	1487.1	1.51
1400.	1387.4	3.620	3.514	34.629	27.541	27.530	34.421	33.969	66.0	2.227	1487.7	2.23
1500.	1486.2	3.390	3.278	34.652	27.581	27.571	34.471	34.470	62.2	2.291	1488.4	0.62
1600.	1584.9	3.203	3.084	34.667	27.612	27.600	34.508	34.960	59.4	2.352	1489.3	0.00
1700.	1683.5	3.037	2.912	34.681	27.638	27.627	34.542	35.444	57.0	2.410	1490.3	0.00
1800.	1782.2	2.920	2.787	34.691	27.658	27.646	34.566	35.920	55.4	2.466	1491.4	0.00
1900.	1880.7	2.857	2.716	34.696	27.668	27.655	34.579	36.383	54.9	2.521	1492.9	0.00
2000.	1979.2	2.821	2.672	34.697	27.672	27.659	34.586	36.838	55.0	2.576	1494.4	0.62
2100.	2077.7	2.797	2.639	34.699	27.677	27.663	34.591	37.292	55.1	2.631	1496.0	0.00
2200.	2176.1	2.773	2.606	34.701	27.682	27.667	34.598	37.745	55.1	2.687	1497.5	0.00
2300.	2274.5	2.770	2.594	34.702	27.683	27.668	34.599	38.193	55.7	2.742	1499.2	0.62
fin	2347.	2320.8	2.773	2.592	34.701	27.683	27.667	34.599	0.000	2.8*****	0.9	

Mean vertical sound speed between 1. et 2347. dbar : 1494.9 m/s  
Reference pressure for gamprf : 1500. dbar

JADE 95 Station 35 - (23 Nov 95)



# STATION 35

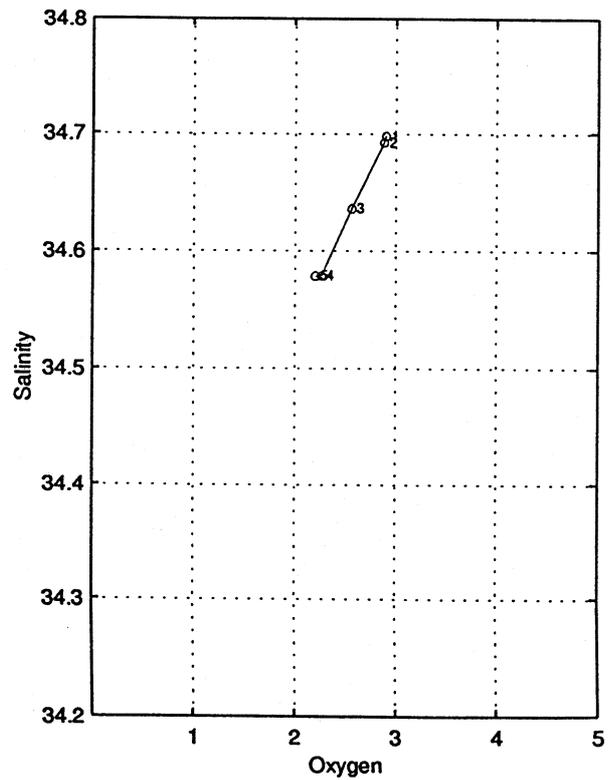
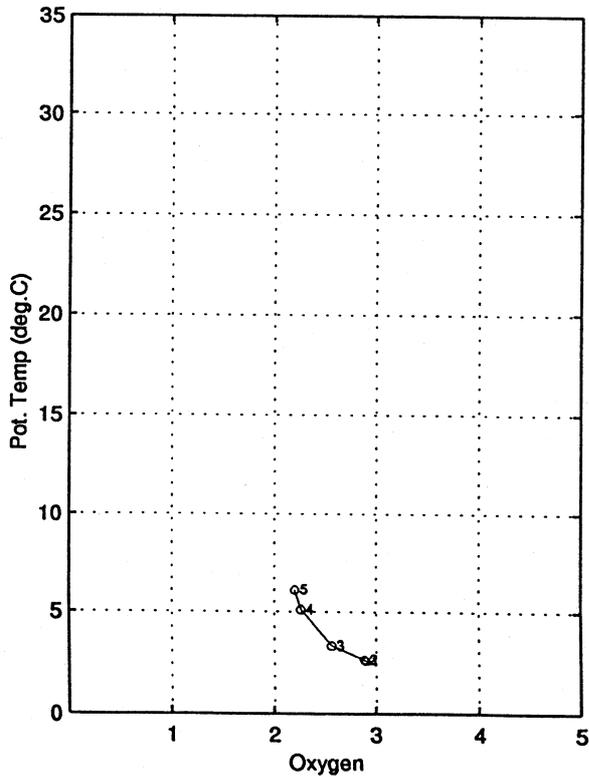
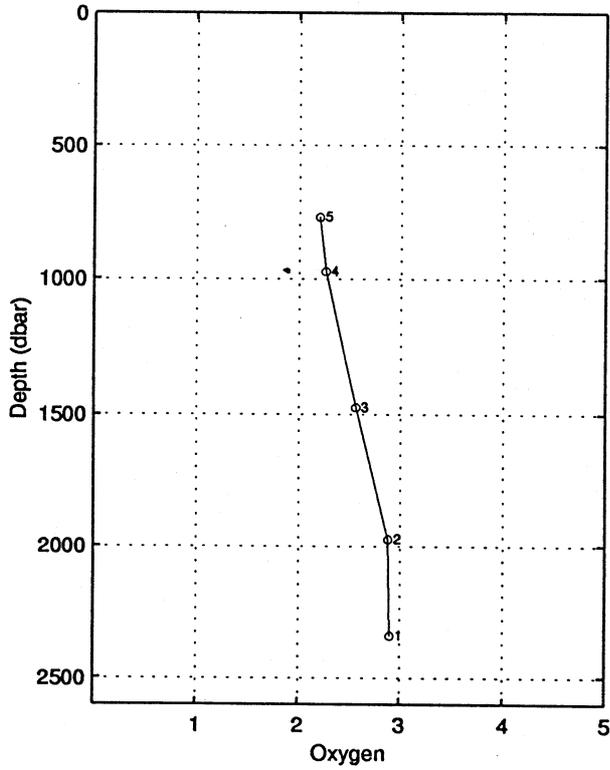
JADE 95

## Oxygen Profile

Bathysonde : Guildline INSU-Brest

Area : South Banda & Timor Sea - Indonesia

Cruise name : JADE95 - R/V Baruna Jaya I





98/10/13  
15:25:17

listacor 36

1

JADE 95

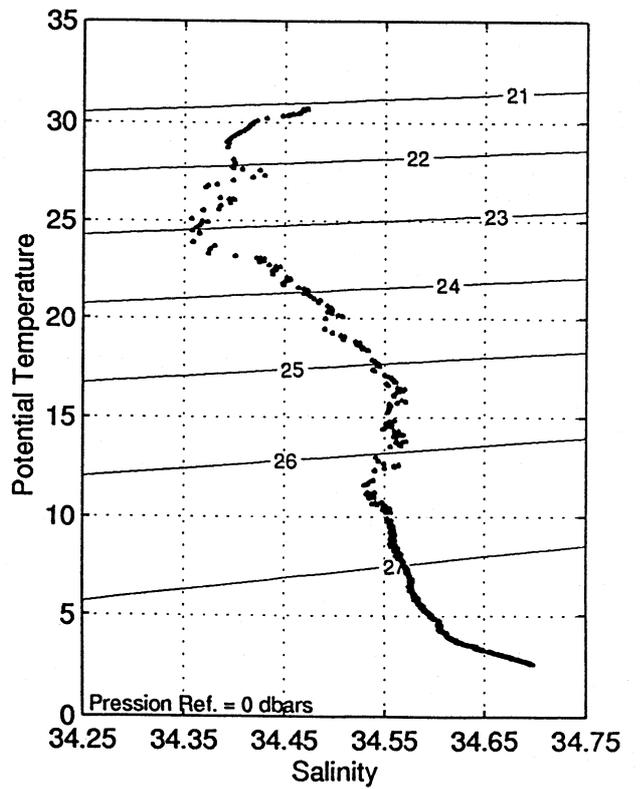
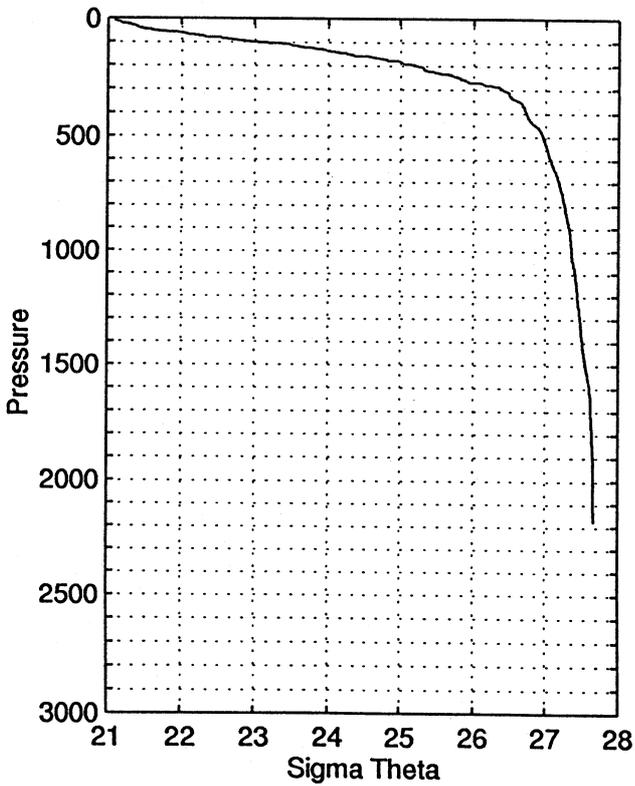
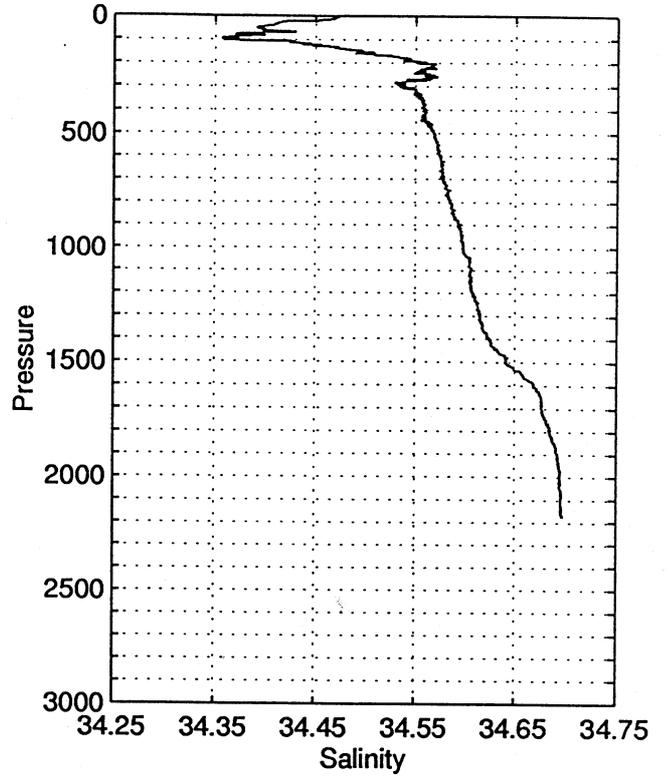
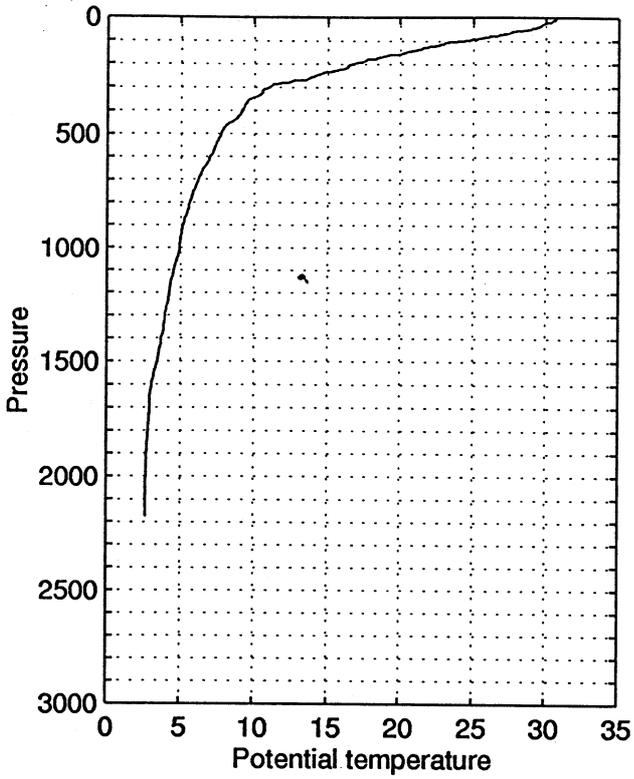
station : 0.00

data reduction: 1 dbar

le 23/11/1995 a 13.55 tu -9.2613 126.5998 depth: 2889 m (2926.dbar)

press.	prof	temp.	theta	salin	sigtheta	sigmaammat	gamprf	oxyg	oxyg	%sat.	avsp	h-dyn	v(son)	bva
							(miM/kg)	(ml/l)		(*1e5)	(mdyn)		(cph)	
3.	3.0	30.674	30.673	34.472	21.102	21.099	21.102	-9.0	-9.00	-9.0	667.6	0.000	1546.5	0.00
210.	208.7	16.432	16.398	34.567	25.324	25.315	25.324	-9.0	-9.00	-9.0	271.1	0.978	1514.1	2.19
220.	218.6	16.181	16.146	34.559	25.376	25.367	25.376	-9.0	-9.00	-9.0	266.4	1.005	1513.5	7.03
230.	228.6	15.570	15.534	34.555	25.511	25.502	25.511	-9.0	-9.00	-9.0	253.7	1.031	1511.8	7.36
240.	238.5	14.669	14.633	34.558	25.711	25.703	25.711	-9.0	-9.00	-9.0	234.6	1.055	1509.1	6.43
250.	248.4	14.217	14.180	34.565	25.813	25.805	25.813	-9.0	-9.00	-9.0	225.0	1.078	1507.8	6.13
261.	259.4	13.847	13.810	34.571	25.896	25.888	25.896	-9.0	-9.00	-9.0	217.3	1.103	1506.8	2.10
271.	269.3	12.860	12.823	34.544	26.075	26.067	26.075	-9.0	-9.00	-9.0	200.2	1.124	1503.7	10.44
279.	277.2	12.393	12.355	34.540	26.164	26.156	26.164	-9.0	-9.00	-9.0	191.7	1.139	1502.2	5.76
291.	289.2	11.267	11.231	34.540	26.376	26.368	26.376	-9.0	-9.00	-9.0	171.4	1.161	1498.6	4.13
301.	299.1	11.028	10.991	34.539	26.419	26.412	26.419	-9.0	-9.00	-9.0	167.4	1.178	1497.9	3.12
320.	318.0	10.614	10.575	34.550	26.501	26.494	26.501	-9.0	-9.00	-9.0	159.7	1.209	1496.7	1.07
340.	337.8	10.269	10.229	34.551	26.563	26.555	26.563	-9.0	-9.00	-9.0	154.2	1.240	1495.9	0.00
361.	358.7	9.587	9.546	34.559	26.684	26.677	26.684	-9.0	-9.00	-9.0	142.7	1.271	1493.7	0.98
381.	378.5	9.391	9.348	34.559	26.717	26.709	26.717	-9.0	-9.00	-9.0	139.9	1.299	1493.4	0.00
401.	398.4	9.231	9.186	34.560	26.744	26.736	26.744	-9.0	-9.00	-9.0	137.6	1.327	1493.1	1.31
419.	416.2	9.082	9.036	34.557	26.766	26.758	26.766	-9.0	-9.00	-9.0	135.8	1.352	1492.9	2.40
441.	438.0	8.743	8.696	34.557	26.820	26.812	26.820	-9.0	-9.00	-9.0	130.8	1.381	1492.0	1.86
461.	457.9	8.191	8.143	34.566	26.912	26.904	26.912	-9.0	-9.00	-9.0	122.0	1.406	1490.2	3.53
481.	477.7	7.961	7.912	34.566	26.946	26.939	26.946	-9.0	-9.00	-9.0	118.9	1.430	1489.7	1.64
501.	497.6	7.789	7.739	34.569	26.974	26.967	26.974	-9.0	-9.00	-9.0	116.4	1.454	1489.4	2.44
518.	514.4	7.669	7.617	34.568	26.991	26.984	26.991	-9.0	-9.00	-9.0	114.9	1.474	1489.2	2.65
540.	536.3	7.499	7.445	34.572	27.020	27.012	27.020	-9.0	-9.00	-9.0	112.5	1.499	1488.9	1.31
560.	556.1	7.389	7.334	34.571	27.034	27.026	27.034	-9.0	-9.00	-9.0	111.3	1.521	1488.8	0.62
580.	575.9	7.256	7.200	34.574	27.056	27.047	27.056	-9.0	-9.00	-9.0	109.5	1.543	1488.7	0.76
598.	593.8	7.089	7.031	34.574	27.079	27.071	27.079	-9.0	-9.00	-9.0	107.3	1.563	1488.3	2.70
624.	619.6	6.906	6.847	34.576	27.106	27.098	27.106	-9.0	-9.00	-9.0	105.0	1.590	1488.0	2.51
640.	635.4	6.774	6.713	34.577	27.125	27.116	27.125	-9.0	-9.00	-9.0	103.3	1.607	1487.8	0.00
661.	656.2	6.561	6.500	34.576	27.153	27.145	27.153	-9.0	-9.00	-9.0	100.6	1.628	1487.3	0.87
681.	676.1	6.421	6.358	34.577	27.172	27.164	27.172	-9.0	-9.00	-9.0	98.9	1.648	1487.1	1.91
702.	696.9	6.263	6.199	34.579	27.194	27.186	27.194	-9.0	-9.00	-9.0	96.9	1.669	1486.8	1.41
750.	744.4	5.933	5.867	34.584	27.241	27.232	27.241	-9.0	-9.00	-9.0	92.6	1.714	1486.3	1.16
803.	796.9	5.692	5.622	34.586	27.273	27.264	27.273	-9.0	-9.00	-9.0	89.9	1.763	1486.2	1.64
848.	841.5	5.513	5.440	34.586	27.295	27.286	27.295	-9.0	-9.00	-9.0	88.0	1.803	1486.2	0.44
901.	894.0	5.239	5.163	34.594	27.335	27.325	27.335	-9.0	-9.00	-9.0	84.5	1.848	1486.0	0.00
946.	938.5	5.132	5.053	34.598	27.350	27.341	27.350	-9.0	-9.00	-9.0	83.3	1.886	1486.3	2.00
1001.	993.0	5.015	4.931	34.598	27.365	27.355	27.365	-9.0	-9.00	-9.0	82.3	1.932	1486.8	0.44
1051.	1042.4	4.852	4.766	34.605	27.389	27.379	27.389	-9.0	-9.00	-9.0	80.3	1.973	1486.9	0.44
1101.	1091.9	4.628	4.538	34.606	27.416	27.406	27.416	-9.0	-9.00	-9.0	77.8	2.012	1486.8	0.00
1151.	1141.4	4.457	4.365	34.605	27.433	27.423	27.433	-9.0	-9.00	-9.0	76.2	2.051	1487.0	0.00
1201.	1190.8	4.357	4.261	34.608	27.447	27.437	27.447	-9.0	-9.00	-9.0	75.1	2.088	1487.4	0.76
1248.	1237.3	4.241	4.142	34.612	27.463	27.452	27.463	-9.0	-9.00	-9.0	73.8	2.123	1487.7	0.62
1300.	1288.6	4.075	3.973	34.615	27.483	27.472	27.483	-9.0	-9.00	-9.0	71.9	2.161	1487.9	0.00
1401.	1388.4	3.811	3.703	34.626	27.519	27.508	27.519	-9.0	-9.00	-9.0	68.6	2.233	1488.5	0.98
1501.	1487.2	3.554	3.440	34.641	27.557	27.546	27.557	-9.0	-9.00	-9.0	65.0	2.300	1489.1	0.00
1601.	1585.9	3.179	3.060	34.669	27.615	27.604	27.615	-9.0	-9.00	-9.0	59.0	2.361	1489.2	0.76
1700.	1683.6	3.059	2.933	34.677	27.634	27.622	27.634	-9.0	-9.00	-9.0	57.6	2.419	1490.3	0.87
1800.	1782.2	2.963	2.829	34.685	27.649	27.637	27.649	-9.0	-9.00	-9.0	56.4	2.475	1491.6	0.50
1901.	1881.7	2.868	2.727	34.693	27.664	27.652	27.664	-9.0	-9.00	-9.0	55.3	2.532	1492.9	0.98
2000.	1979.3	2.837	2.687	34.695	27.670	27.656	27.670	-9.0	-9.00	-9.0	55.3	2.586	1494.4	0.76
2100.	2077.7	2.823	2.664	34.696	27.673	27.659	27.673	-9.0	-9.00	-9.0	55.6	2.642	1496.1	0.44

JADE 95 Station 36 - (23 Nov 95)



# STATION 36

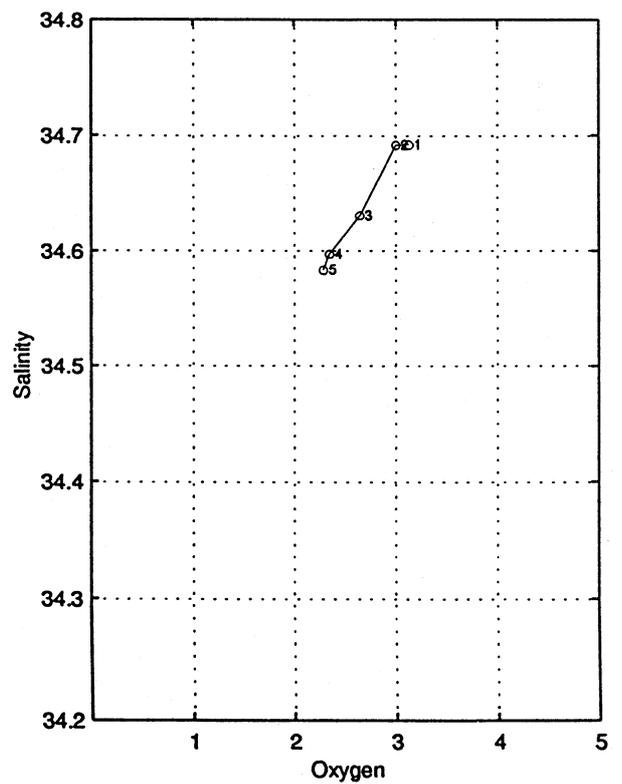
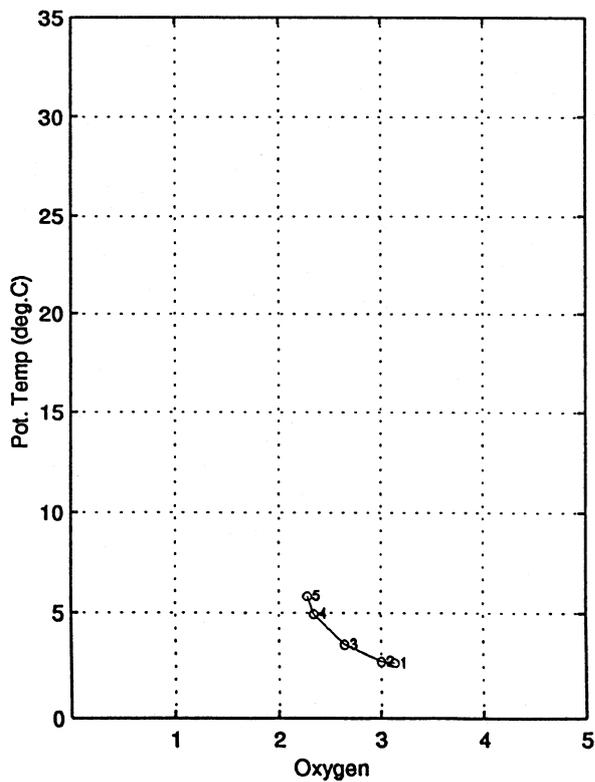
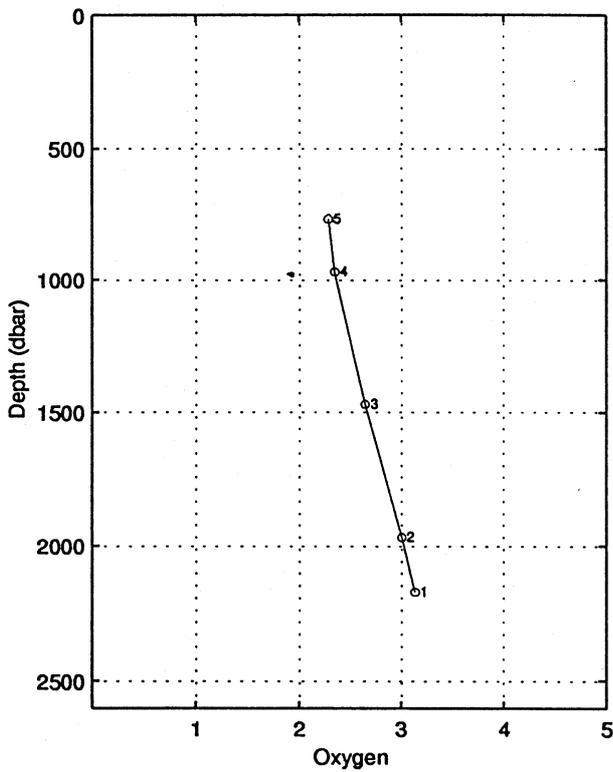
JADE 95

## Oxygen Profile

Bathysonde : Guildline INSU-Brest

Area : South Banda & Timor Sea - Indonesia

Cruise name : JADE95 - R/V Baruna Jaya I



98/10/13  
15:03:05

listacor\_37

1

JADE 95

station : 37.00

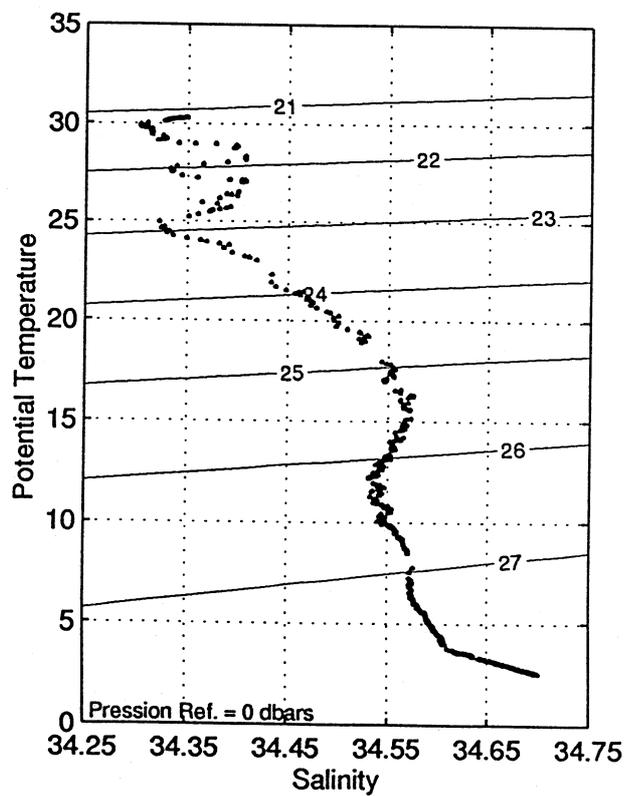
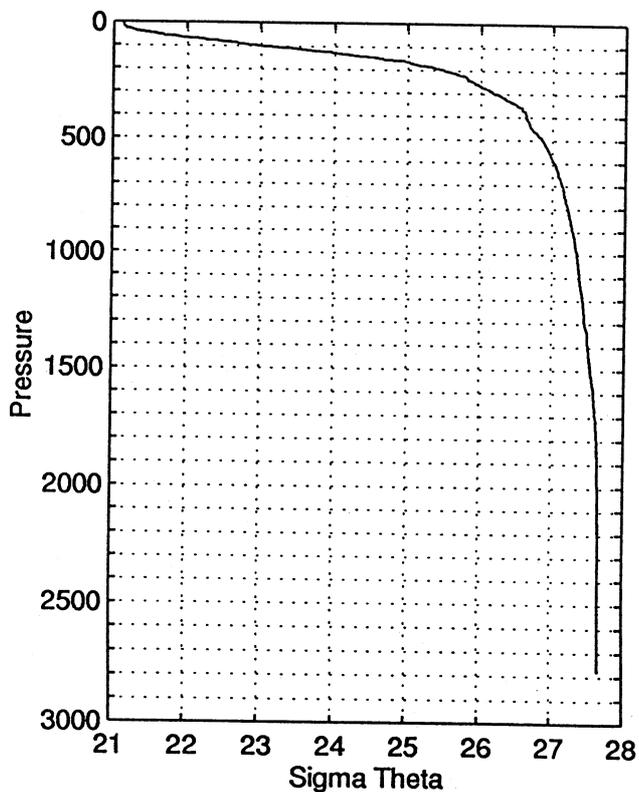
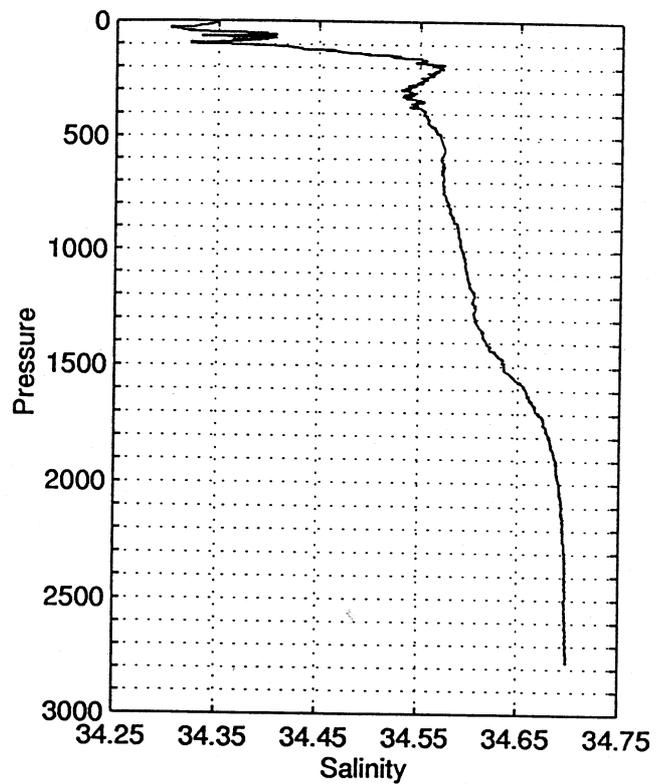
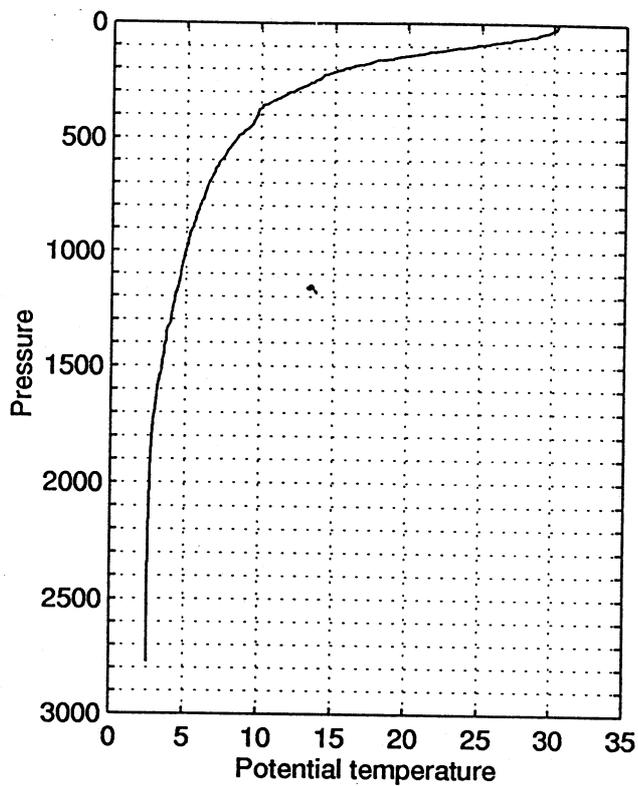
data reduction: 1 dbar

le 23/11/1995 a 20.40 tu -9.0996 127.4496 depth : 3074 m (3114.dbar)

press.	prof	temp.	theta	salin	sigtheta	sigmaamat	gamprf	gapts	avsp	h-dyn	v(sound)	bva
								(*1e5)	(mdyn)		(cph)	
6.	6.0	30.289	30.287	34.349	21.142	21.139	27.319	21.165	663.9	0.000	1545.6	0.00
10.	9.9	30.277	30.274	34.347	21.145	21.142	27.322	21.185	663.8	0.027	1545.7	2.24
20.	19.9	30.187	30.182	34.333	21.166	21.162	27.345	21.247	662.3	0.093	1545.6	4.64
30.	29.8	29.853	29.846	34.305	21.260	21.255	27.444	21.383	653.8	0.159	1545.1	5.28
40.	39.8	29.484	29.475	34.315	21.393	21.387	27.583	21.558	641.5	0.224	1544.5	8.77
50.	49.7	28.983	28.971	34.377	21.609	21.602	27.807	21.816	621.3	0.287	1543.7	7.48
60.	59.7	28.290	28.276	34.407	21.860	21.853	28.071	22.110	597.6	0.348	1542.4	5.73
70.	69.6	27.250	27.234	34.359	22.162	22.155	28.392	22.456	569.1	0.406	1540.2	12.39
80.	79.5	26.385	26.367	34.393	22.463	22.455	28.708	22.799	540.7	0.462	1538.4	7.11
90.	89.5	25.510	25.490	34.371	22.718	22.710	28.980	23.098	516.6	0.515	1536.5	6.86
100.	99.4	24.424	24.403	34.329	23.016	23.008	29.300	23.440	488.5	0.565	1534.0	8.63
110.	109.4	23.194	23.171	34.411	23.439	23.431	29.748	23.907	448.4	0.612	1531.1	7.20
119.	118.3	22.346	22.322	34.434	23.699	23.690	30.025	24.331	413.4	0.651	1529.1	9.80
130.	129.2	21.253	21.228	34.469	24.029	24.021	30.378	24.586	392.6	0.695	1526.5	7.88
140.	139.2	20.270	20.244	34.500	24.317	24.309	30.689	24.920	365.4	0.734	1524.0	12.20
150.	149.1	19.249	19.222	34.526	24.603	24.595	30.998	25.251	338.3	0.769	1521.3	4.06
160.	159.0	18.027	18.000	34.543	24.923	24.916	31.348	25.618	307.9	0.801	1518.0	11.43
170.	169.0	17.520	17.491	34.552	25.054	25.046	31.491	25.793	295.7	0.831	1516.7	7.38
179.	177.9	17.018	16.989	34.547	25.170	25.162	31.620	26.076	275.2	0.857	1515.3	8.73
190.	188.8	16.239	16.209	34.569	25.370	25.362	31.839	26.200	266.1	0.888	1513.2	4.11
200.	198.8	15.621	15.590	34.571	25.511	25.503	31.997	26.388	252.7	0.913	1511.4	3.82
210.	208.7	15.138	15.106	34.567	25.615	25.608	32.114	26.538	243.0	0.938	1510.1	4.91
220.	218.6	14.687	14.654	34.567	25.714	25.706	32.225	26.682	233.8	0.962	1508.8	4.71
234.	232.6	14.167	14.133	34.562	25.821	25.813	32.347	26.853	223.8	0.994	1507.4	2.84
240.	238.5	14.117	14.082	34.558	25.829	25.821	32.357	26.888	223.2	1.007	1507.3	1.52
250.	248.4	13.737	13.701	34.553	25.905	25.897	32.443	27.009	216.2	1.029	1506.2	2.32
260.	258.4	13.403	13.367	34.550	25.971	25.963	32.519	27.121	210.0	1.051	1505.3	6.99
270.	268.3	13.189	13.152	34.553	26.016	26.008	32.570	27.212	205.9	1.071	1504.8	2.77
281.	279.2	12.729	12.691	34.542	26.100	26.092	32.667	27.346	198.1	1.094	1503.4	5.34
290.	288.2	12.436	12.397	34.538	26.154	26.146	32.731	27.443	193.0	1.111	1502.5	5.21
299.	297.1	12.239	12.199	34.532	26.188	26.180	32.770	27.580	185.3	1.129	1502.0	4.24
320.	318.0	11.499	11.458	34.542	26.336	26.328	32.940	27.763	176.0	1.167	1499.8	1.07
340.	337.8	10.873	10.831	34.550	26.456	26.448	33.080	27.977	164.7	1.201	1498.0	5.57
360.	357.7	10.197	10.155	34.545	26.571	26.563	33.216	28.186	153.8	1.233	1495.9	5.06
381.	378.5	9.925	9.881	34.552	26.622	26.615	33.276	28.333	149.2	1.265	1495.3	1.43
400.	397.4	9.856	9.809	34.554	26.636	26.628	33.292	28.433	148.3	1.293	1495.4	0.62
420.	417.2	9.684	9.636	34.557	26.668	26.660	33.330	28.556	145.6	1.322	1495.1	2.14
440.	437.1	9.550	9.500	34.558	26.691	26.682	33.357	28.669	143.7	1.351	1494.9	1.52
460.	456.9	9.264	9.213	34.563	26.742	26.733	33.417	28.813	139.1	1.380	1494.2	1.07
480.	476.7	8.859	8.806	34.568	26.811	26.802	33.499	28.976	132.6	1.407	1493.1	2.87
497.	493.6	8.547	8.494	34.570	26.861	26.853	33.561	29.501	117.6	1.429	1492.2	0.00
559.	555.1	7.838	7.781	34.575	26.973	26.964	33.696	29.663	114.6	1.505	1490.5	0.00
609.	604.7	7.320	7.261	34.572	27.045	27.036	33.786	29.809	111.0	1.562	1489.4	2.54
650.	645.3	7.014	6.952	34.573	27.089	27.080	33.841	30.043	107.1	1.607	1488.9	0.00
698.	692.9	6.607	6.542	34.572	27.145	27.135	33.911	30.416	100.7	1.657	1488.1	0.00
752.	746.4	6.311	6.242	34.575	27.186	27.177	33.963	30.612	98.5	1.711	1487.8	2.29
799.	793.0	6.038	5.966	34.577	27.223	27.214	34.010	30.966	93.8	1.757	1487.5	0.00
850.	843.5	5.749	5.674	34.584	27.265	27.255	34.063	31.145	91.4	1.804	1487.2	1.64
900.	893.0	5.519	5.441	34.588	27.297	27.287	34.104	31.408	88.6	1.849	1487.1	1.24
951.	943.5	5.263	5.182	34.591	27.330	27.320	34.146	31.678	85.6	1.894	1486.9	1.16
1000.	992.0	5.069	4.985	34.593	27.355	27.345	34.178	31.929	83.4	1.935	1487.0	0.62
1050.	1041.5	4.906	4.819	34.597	27.376	27.366	34.206	32.182	81.6	1.976	1487.1	1.38
1100.	1090.9	4.765	4.675	34.598	27.394	27.384	34.229	32.429	80.1	2.017	1487.4	0.00
1150.	1140.4	4.617	4.523	34.601	27.413	27.403	34.254	32.678	78.5	2.057	1487.6	0.87
1200.	1189.8	4.397	4.300	34.606	27.441	27.430	34.291	32.939	75.8	2.095	1487.5	0.00
1250.	1239.2	4.253	4.153	34.607	27.458	27.447	34.313	33.186	74.3	2.133	1487.8	1.24
1300.	1288.7	4.139	4.036	34.607	27.470	27.459	34.330	33.428	73.3	2.170	1488.1	1.24
1403.	1390.4	3.776	3.668	34.619	27.517	27.506	34.391	33.953	68.7	2.242	1488.3	1.23
1500.	1486.2	3.561	3.446	34.636	27.552	27.541	34.435	34.435	65.5	2.307	1489.1	1.07
1600.	1584.9	3.268	3.149	34.657	27.598	27.587	34.492	34.943	61.0	2.371	1489.5	1.07
1700.	1683.6	3.100	2.974	34.671	27.625	27.613	34.526	35.428	58.5	2.430	1490.5	0.62
1800.	1782.2	2.953	2.820	34.680	27.646	27.634	34.553	35.906	56.7	2.488	1491.6	0.00
1900.	1880.8	2.878	2.737	34.687	27.659	27.646	34.570	36.373	55.8	2.544	1492.9	0.00
2000.	1979.3	2.847	2.697	34.691	27.665	27.652	34.578	36.829	55.7	2.600	1494.5	0.00
2099.	2076.8	2.817	2.659	34.694	27.671	27.657	34.585	37.312	55.8	2.655	1496.0	0.00
2200.	2176.2	2.804	2.637	34.695	27.674	27.659	34.589	37.736	56.0	2.711	1497.7	0.00
2300.	2274.6	2.792	2.616	34.697	27.677	27.662	34.593	38.185	56.3	2.768	1499.3	0.00
2400.	2372.9	2.790	2.604	34.696	27.678	27.662	34.594	38.631	56.9	2.824	1501.0	0.00
2500.	2471.2	2.792	2.597	34.696	27.679	27.662	34.595	39.076	57.5	2.881	1502.7	0.87
2600.	2569.5	2.796	2.591	34.697	27.680	27.662	34.597	39.520	58.0	2.939	1504.4	0.62
2700.	2667.7	2.800	2.585	34.698	27.681	27.662	34.598	39.964	58.6	2.997	1506.1	0.00
fin	2775.	2741.3	2.806	2.583	34.699	27.682	27.662	34.599	0.000	3.0*****	1.1	

Mean vertical sound speed between 6. et 2775. dbar : 1496.5 m/s  
Reference pressure for gamprf : 1500. dbar

JADE 95 Station 37 - (23 Nov 95)



# STATION 37

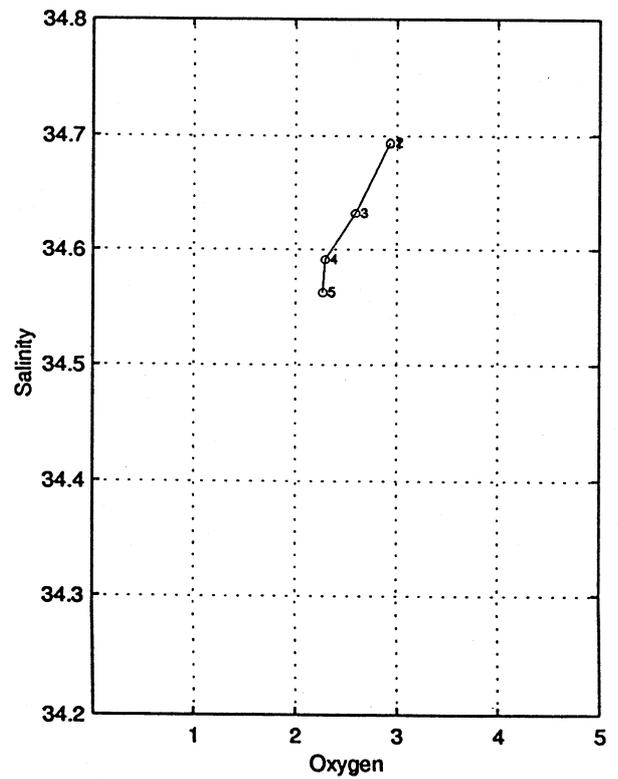
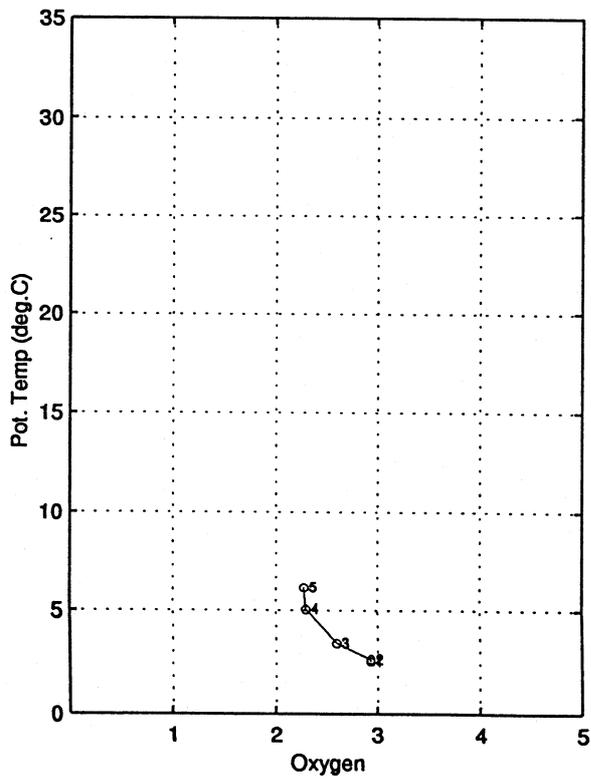
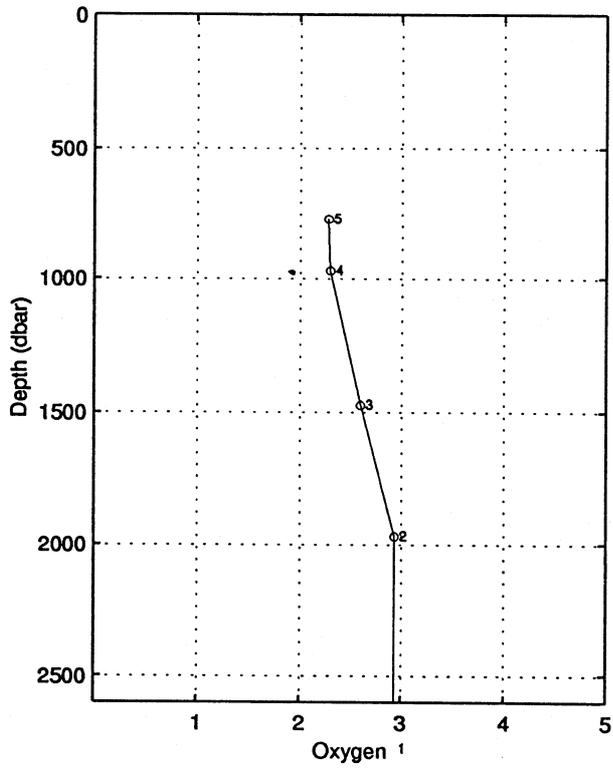
JADE 95

## Oxygen Profile

Bathysonde : Guildline INSU-Brest

Area : South Banda & Timor Sea - Indonesia

Cruise name : JADE95 - R/V Baruna Jaya I



98/10/14  
10:47:46

listacor\_38

1

JADE 95

station : 38.00

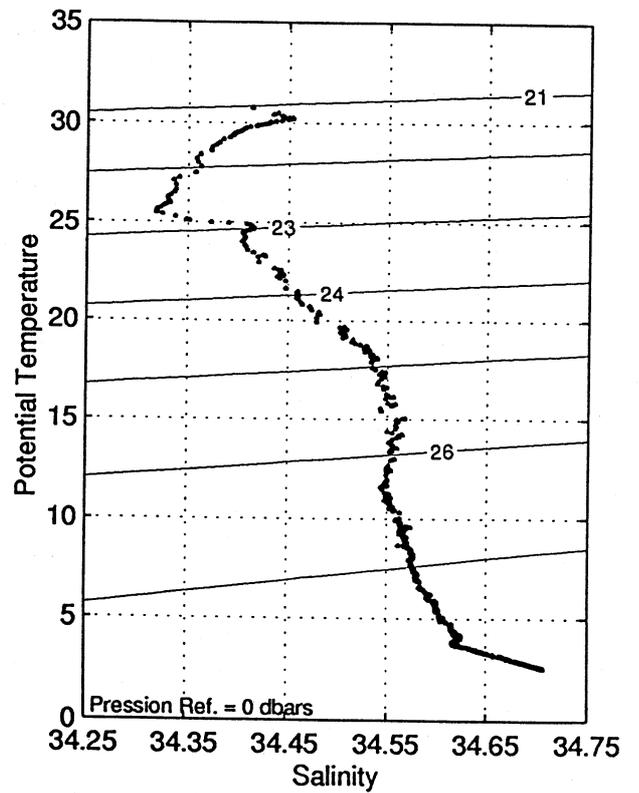
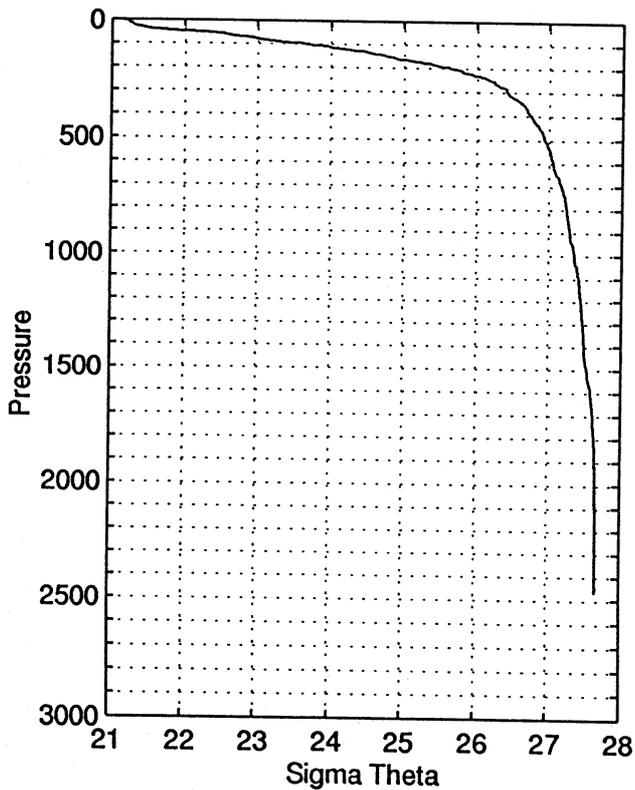
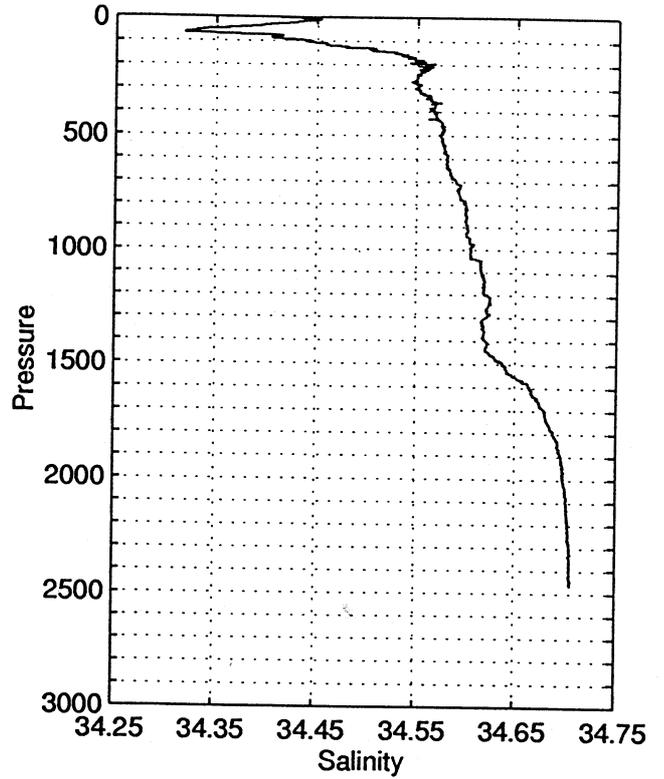
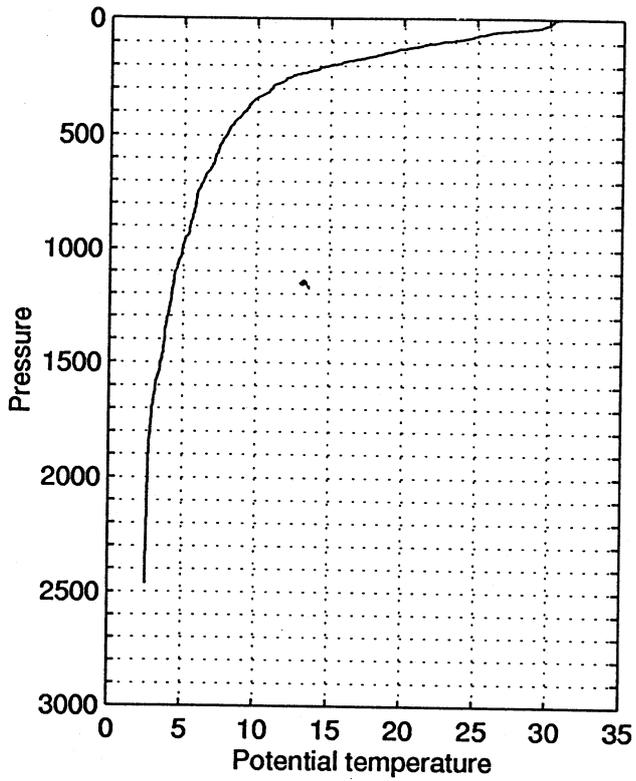
data reduction: 1 dbar

le 24/11/1995 a 4.05 tu -8.5995 128.3475 depth : 2971 m (3009.dbar)

press.	prof	temp.	theta	salin	sigtheta	sigmaamat	gamprf	gapt5	avsp	h-dyn	v(sound)	bva
		(*1e5) (mdyn)										(cph)
0.	0.0	30.746	30.746	34.414	21.033	21.030	27.202	21.030	674.1	0.000	1546.5	0.00
10.	9.9	30.231	30.228	34.454	21.241	21.238	27.418	21.281	654.6	0.066	1545.7	2.91
20.	19.9	30.023	30.018	34.431	21.296	21.292	27.476	21.377	649.9	0.131	1545.4	2.74
30.	29.8	29.649	29.641	34.403	21.403	21.398	27.590	21.526	640.0	0.196	1544.8	8.11
40.	39.8	28.927	28.918	34.377	21.626	21.621	27.826	21.792	619.1	0.259	1543.4	9.87
50.	49.7	27.132	27.121	34.335	22.181	22.175	28.413	22.390	566.4	0.319	1539.5	11.30
60.	59.7	25.877	25.863	34.326	22.569	22.563	28.824	22.822	529.6	0.373	1536.8	5.07
70.	69.6	25.089	25.074	34.351	22.830	22.824	29.101	23.126	505.0	0.425	1535.1	7.40
80.	79.5	24.568	24.551	34.407	23.031	23.024	29.311	23.369	486.3	0.474	1534.1	4.88
90.	89.5	23.621	23.602	34.409	23.313	23.305	29.612	23.695	459.7	0.522	1531.9	12.56
100.	99.4	22.475	22.455	34.442	23.667	23.660	29.990	24.094	426.1	0.566	1529.2	7.41
110.	109.4	21.462	21.441	34.458	23.963	23.955	30.308	24.434	398.2	0.607	1526.7	6.32
120.	119.3	20.755	20.732	34.471	24.165	24.158	30.526	24.681	379.2	0.646	1525.0	10.64
130.	129.2	19.725	19.701	34.506	24.464	24.457	30.848	25.025	350.9	0.683	1522.3	11.51
140.	139.2	19.159	19.134	34.505	24.610	24.602	31.007	25.215	337.3	0.717	1520.9	6.52
150.	149.1	18.536	18.510	34.532	24.788	24.781	31.201	25.438	320.5	0.750	1519.3	7.81
160.	159.0	17.960	17.933	34.534	24.933	24.925	31.359	25.627	307.0	0.782	1517.8	8.56
170.	169.0	17.188	17.160	34.547	25.130	25.122	31.575	25.870	288.4	0.811	1515.7	4.55
180.	178.9	16.186	16.158	34.556	25.371	25.363	31.842	26.158	265.6	0.839	1512.8	6.78
190.	188.8	15.726	15.696	34.554	25.474	25.467	31.958	26.307	255.9	0.865	1511.6	3.50
200.	198.8	14.965	14.935	34.561	25.649	25.641	32.152	26.528	239.4	0.890	1509.4	6.22
210.	208.7	14.275	14.244	34.564	25.800	25.792	32.323	26.725	225.2	0.913	1507.3	1.24
220.	218.6	13.893	13.861	34.551	25.870	25.863	32.404	26.842	218.6	0.935	1506.2	7.19
232.	230.6	13.035	13.003	34.557	26.050	26.043	32.608	27.078	201.6	0.960	1503.6	7.93
241.	239.5	12.506	12.474	34.549	26.148	26.141	32.722	27.219	192.2	0.978	1502.0	5.98
250.	248.4	12.240	12.207	34.549	26.200	26.193	32.782	27.312	187.5	0.995	1501.2	5.73
260.	258.4	11.966	11.932	34.549	26.252	26.245	32.842	27.410	182.6	1.014	1500.5	1.24
270.	268.3	11.731	11.697	34.548	26.296	26.289	32.893	27.499	178.6	1.032	1499.8	4.15
280.	278.2	11.295	11.260	34.552	26.380	26.373	32.990	27.631	170.7	1.049	1498.5	5.06
290.	288.2	11.088	11.052	34.551	26.417	26.410	33.034	27.713	167.3	1.066	1497.9	1.86
300.	298.1	11.019	10.982	34.550	26.429	26.422	33.048	27.770	166.4	1.083	1497.8	0.00
320.	318.0	10.640	10.602	34.555	26.501	26.494	33.132	27.934	159.8	1.115	1496.8	2.47
340.	337.8	10.048	10.008	34.560	26.607	26.600	33.257	28.134	149.8	1.146	1495.1	1.64
360.	357.7	9.661	9.620	34.572	26.682	26.675	33.344	28.301	142.9	1.175	1494.0	3.91
380.	377.5	9.463	9.420	34.568	26.712	26.704	33.380	28.422	140.4	1.204	1493.6	1.52
400.	397.4	9.139	9.094	34.570	26.767	26.759	33.446	28.570	135.3	1.231	1492.8	2.14
420.	417.2	8.916	8.870	34.569	26.802	26.794	33.489	28.697	132.2	1.258	1492.3	2.23
440.	437.1	8.542	8.496	34.575	26.865	26.857	33.563	28.853	126.4	1.284	1491.2	2.31
460.	456.9	8.284	8.236	34.577	26.907	26.899	33.614	28.988	122.5	1.309	1490.6	4.63
480.	476.7	8.144	8.094	34.576	26.927	26.919	33.640	29.100	120.8	1.333	1490.4	2.47
500.	496.6	7.975	7.924	34.572	26.949	26.942	33.668	29.214	118.9	1.357	1490.1	2.40
520.	516.4	7.758	7.705	34.574	26.983	26.975	33.709	29.340	115.9	1.381	1489.6	0.00
541.	537.3	7.541	7.488	34.578	27.018	27.010	33.751	29.472	112.7	1.405	1489.1	3.04
561.	557.1	7.456	7.400	34.578	27.030	27.022	33.766	29.576	111.8	1.427	1489.1	1.68
580.	575.9	7.358	7.301	34.579	27.045	27.037	33.785	29.678	110.6	1.448	1489.1	2.14
600.	595.8	7.201	7.143	34.581	27.069	27.060	33.814	29.794	108.5	1.470	1488.8	2.14
648.	643.4	6.916	6.854	34.582	27.109	27.101	33.865	30.164	101.5	1.522	1488.5	0.00
700.	694.9	6.405	6.341	34.590	27.184	27.176	33.958	30.374	98.0	1.574	1487.3	0.87
750.	744.4	6.041	5.974	34.592	27.234	27.225	34.021	30.656	93.5	1.622	1486.7	0.00
800.	794.0	5.897	5.826	34.600	27.259	27.250	34.051	30.910	91.6	1.668	1487.0	0.62
850.	843.5	5.726	5.651	34.600	27.281	27.271	34.080	31.162	89.9	1.714	1487.1	0.87
900.	893.0	5.556	5.478	34.602	27.303	27.293	34.108	31.414	88.1	1.758	1487.3	0.62
950.	942.5	5.235	5.154	34.604	27.343	27.333	34.160	31.687	84.3	1.802	1486.8	1.24
1000.	992.0	5.043	4.959	34.605	27.367	27.357	34.191	31.942	82.2	1.843	1486.9	0.00
1050.	1041.5	4.827	4.740	34.615	27.400	27.390	34.232	32.207	79.2	1.884	1486.8	1.07
1100.	1090.9	4.577	4.488	34.615	27.428	27.418	34.270	32.468	76.5	1.923	1486.6	0.00
1150.	1140.4	4.470	4.378	34.619	27.443	27.433	34.290	32.713	75.3	1.961	1487.0	0.87
1200.	1189.8	4.326	4.230	34.620	27.460	27.449	34.312	32.960	73.9	1.998	1487.3	0.00
1258.	1247.2	4.207	4.107	34.622	27.474	27.464	34.331	33.241	72.7	2.041	1487.7	0.86
1298.	1286.7	4.105	4.002	34.620	27.484	27.473	34.345	33.485	71.0	2.070	1488.0	0.00
1401.	1388.5	3.885	3.776	34.621	27.508	27.496	34.378	33.931	69.9	2.142	1488.8	0.44
1500.	1486.2	3.630	3.515	34.638	27.547	27.536	34.427	34.427	66.2	2.210	1489.4	1.24
1600.	1584.9	3.290	3.170	34.664	27.601	27.590	34.495	34.946	60.7	2.274	1489.6	0.00
1700.	1683.6	3.084	2.958	34.679	27.633	27.621	34.534	35.437	57.8	2.333	1490.4	0.00
1800.	1782.2	2.967	2.834	34.688	27.651	27.639	34.557	35.911	56.3	2.390	1491.6	0.00
1900.	1880.8	2.871	2.730	34.697	27.667	27.655	34.578	36.381	55.0	2.446	1492.9	1.14
2000.	1979.3	2.853	2.703	34.698	27.671	27.657	34.583	36.834	55.3	2.501	1494.5	0.62
2100.	2077.8	2.815	2.657	34.701	27.677	27.663	34.591	37.291	55.2	2.556	1496.0	0.87
2200.	2176.2	2.800	2.633	34.703	27.681	27.666	34.595	37.742	55.4	2.611	1497.7	0.62
2300.	2274.6	2.787	2.611	34.704	27.684	27.668	34.599	38.192	55.7	2.667	1499.3	0.00
2401.	2373.9	2.788	2.602	34.705	27.685	27.669	34.601	38.643	56.2	2.723	1501.0	1.16
fin	2465.	2436.8	2.789	2.597	34.705	27.686	27.669	34.602	0.000	2.8*****	0.6	

Mean vertical sound speed between 0. et 2465. dbar : 1494.8 m/s  
Reference pressure for gamprf : 1500. dbar

JADE 95 Station 38 - (24 Nov 95)





# STATION 38

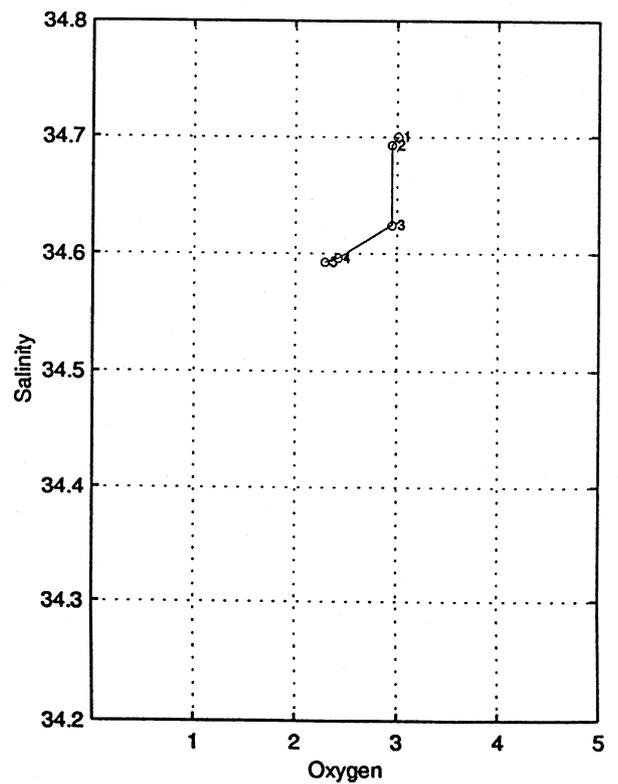
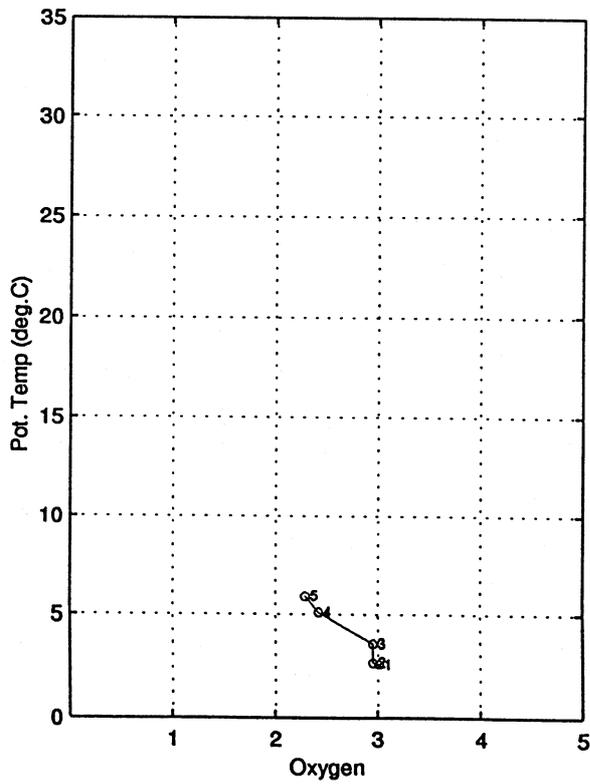
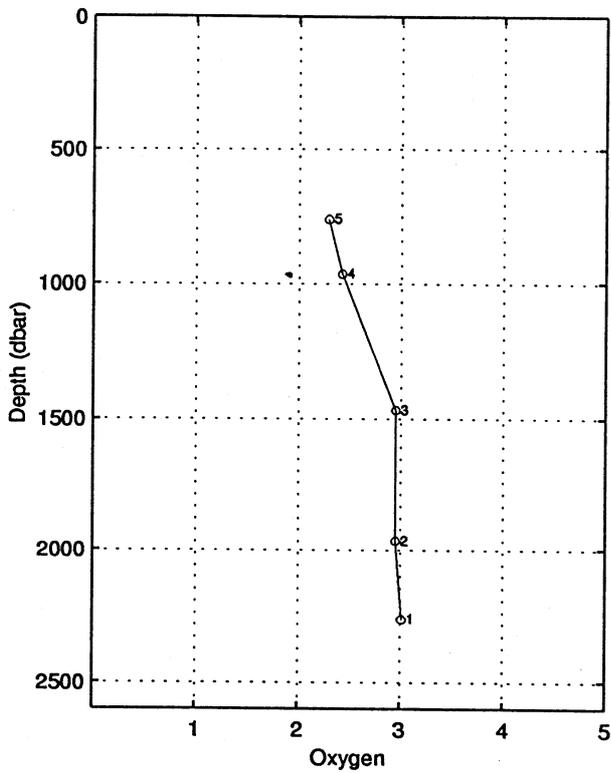
JADE 95

## Oxygen Profile

Bathysonde : Guildline INSU-Brest

Area : South Banda & Timor Sea - Indonesia

Cruise name : JADE95 - R/V Baruna Jaya I



98/10/14  
10:48:44

listacor\_39

1

JADE 95

station : 39.00

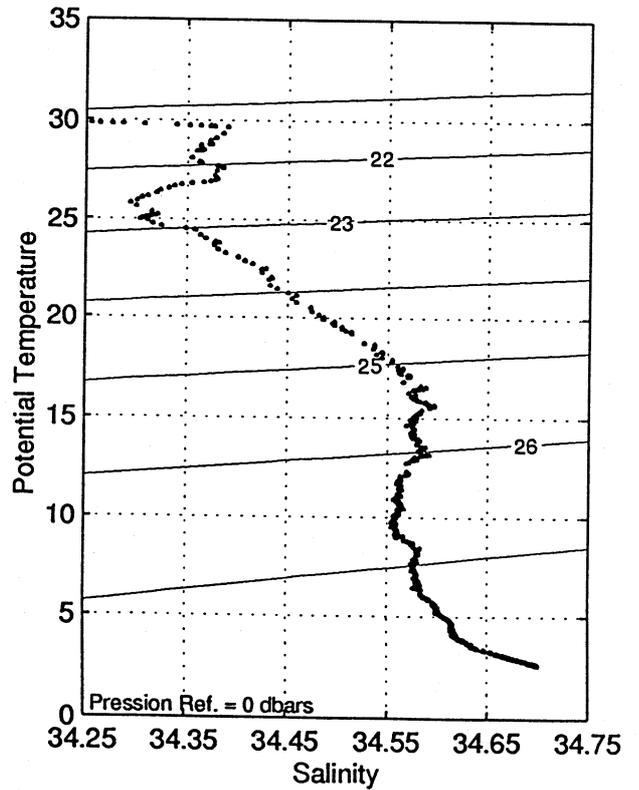
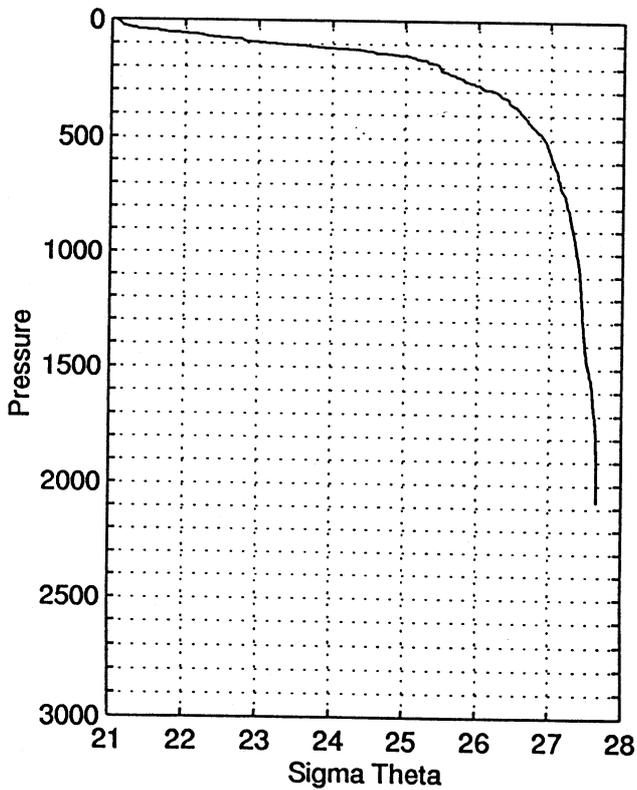
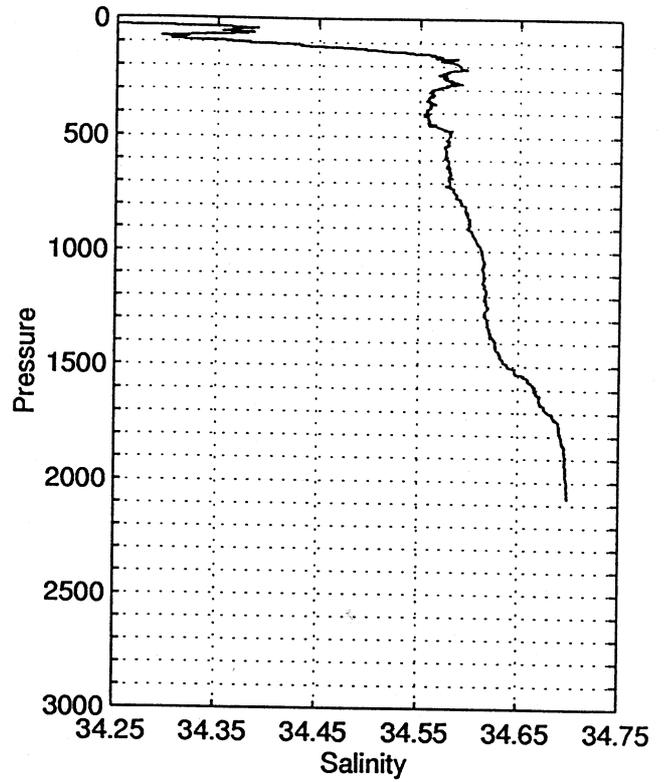
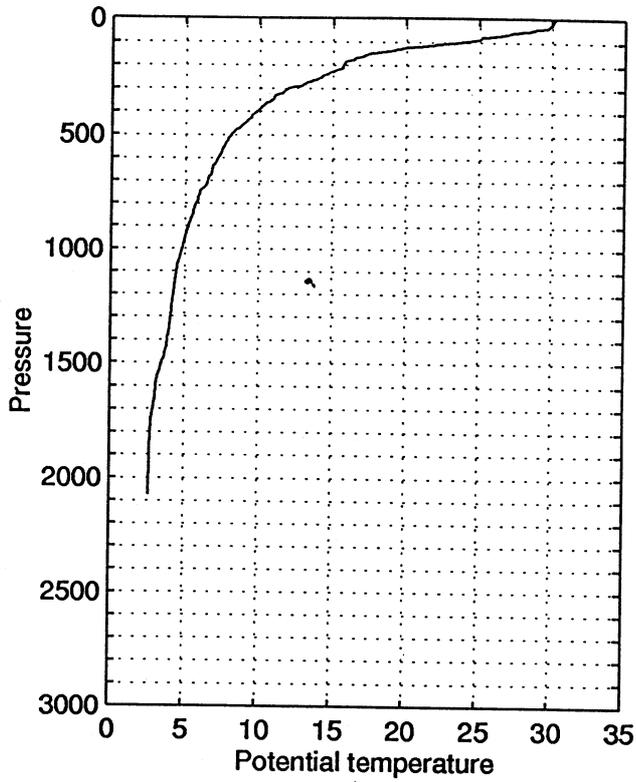
data reduction: 1 dbar

le 24/11/1995 a 11.00 tu -8.5318 129.3001 depth : 2247 m (2272.dbar)

press.	prof	temp.	theta	salin	sigtheta	sigmaamat	gamprf	gapt5	avsp	h-dyn	v(sound)	bva
		(*1e5) (mdyn)										(cph)
4.	4.0	30.244	30.243	34.230	21.069	21.066	27.247	21.083	670.8	0.000	1545.4	0.00
10.	9.9	30.104	30.101	34.227	21.115	21.111	27.295	21.154	666.7	0.040	1545.2	3.51
20.	19.9	30.017	30.012	34.230	21.147	21.143	27.329	21.229	664.1	0.107	1545.2	3.40
30.	29.8	29.864	29.856	34.264	21.226	21.221	27.410	21.349	657.1	0.173	1545.1	5.84
41.	40.8	29.367	29.357	34.385	21.485	21.479	27.677	21.655	632.7	0.244	1544.3	12.90
50.	49.7	28.551	28.539	34.366	21.743	21.737	27.949	21.951	608.3	0.300	1542.7	8.85
60.	59.7	27.501	27.487	34.379	22.096	22.089	28.320	22.347	575.0	0.359	1540.6	10.19
70.	69.6	26.612	26.596	34.332	22.344	22.337	28.586	22.638	551.6	0.415	1538.7	9.29
80.	79.5	25.202	25.185	34.319	22.772	22.765	29.040	23.110	511.0	0.468	1535.5	7.27
91.	90.5	24.812	24.792	34.316	22.889	22.881	29.165	23.274	500.3	0.524	1534.7	8.81
100.	99.4	23.771	23.751	34.377	23.245	23.237	29.541	23.669	466.6	0.567	1532.4	5.94
110.	109.4	22.311	22.289	34.424	23.701	23.693	30.028	24.171	423.3	0.612	1528.9	12.71
120.	119.3	20.786	20.763	34.459	24.147	24.140	30.507	24.663	380.9	0.652	1525.0	13.33
130.	129.2	19.659	19.635	34.496	24.474	24.467	30.860	25.035	349.9	0.688	1522.1	8.95
140.	139.2	18.682	18.657	34.536	24.755	24.747	31.163	25.361	323.4	0.722	1519.6	9.18
150.	149.1	17.528	17.503	34.565	25.061	25.054	31.498	25.714	294.3	0.753	1516.4	8.73
160.	159.0	17.145	17.118	34.572	25.159	25.152	31.605	25.856	285.3	0.782	1515.4	4.84
170.	169.0	16.513	16.485	34.582	25.315	25.308	31.778	26.058	270.6	0.810	1513.7	3.39
180.	178.9	16.188	16.159	34.578	25.387	25.380	31.858	26.174	264.0	0.837	1512.9	5.47
190.	188.8	15.837	15.807	34.588	25.476	25.468	31.956	26.308	255.8	0.862	1512.0	1.07
200.	198.8	15.719	15.688	34.592	25.505	25.497	31.989	26.381	253.3	0.888	1511.8	2.90
210.	208.7	15.702	15.669	34.591	25.509	25.501	31.993	26.429	253.3	0.913	1511.9	0.00
220.	218.6	15.297	15.263	34.582	25.592	25.584	32.087	26.558	245.5	0.938	1510.8	2.14
230.	228.6	14.915	14.880	34.575	25.671	25.663	32.176	26.682	238.2	0.962	1509.7	4.71
240.	238.5	14.527	14.491	34.577	25.757	25.748	32.273	26.813	230.2	0.986	1508.6	5.77
250.	248.4	14.259	14.223	34.575	25.812	25.804	32.336	26.914	225.1	1.009	1508.0	0.00
260.	258.4	13.965	13.928	34.582	25.880	25.871	32.411	27.027	218.9	1.031	1507.2	5.57
270.	268.3	13.549	13.511	34.587	25.970	25.961	32.513	27.163	210.5	1.052	1506.0	4.15
280.	278.2	13.166	13.127	34.583	26.045	26.037	32.600	27.285	203.4	1.073	1504.9	3.27
290.	288.2	12.833	12.794	34.571	26.103	26.094	32.667	27.388	198.1	1.093	1503.9	7.06
300.	298.1	11.981	11.942	34.564	26.262	26.254	32.852	27.597	182.8	1.112	1501.2	5.03
320.	318.0	11.620	11.579	34.563	26.330	26.322	32.930	27.756	176.7	1.148	1500.3	3.16
340.	337.8	11.038	10.995	34.559	26.433	26.425	33.052	27.953	167.0	1.182	1498.6	0.00
360.	357.7	10.673	10.630	34.564	26.503	26.495	33.133	28.114	160.6	1.214	1497.6	5.25
380.	377.5	10.187	10.143	34.560	26.584	26.576	33.229	28.289	153.0	1.246	1496.2	1.07
400.	397.4	9.867	9.821	34.557	26.637	26.629	33.293	28.433	148.2	1.276	1495.4	2.23
421.	418.2	9.517	9.470	34.559	26.697	26.688	33.364	28.590	142.7	1.306	1494.5	2.36
440.	437.1	9.238	9.189	34.560	26.743	26.735	33.419	28.725	138.5	1.333	1493.8	1.75
460.	456.9	8.870	8.820	34.569	26.809	26.801	33.497	28.884	132.3	1.360	1492.8	2.47
480.	476.7	8.437	8.386	34.579	26.885	26.877	33.588	29.055	125.1	1.386	1491.5	2.47
500.	496.6	8.163	8.111	34.579	26.927	26.919	33.639	29.189	121.2	1.411	1490.8	1.38
520.	516.4	7.928	7.875	34.580	26.963	26.954	33.682	29.318	118.0	1.434	1490.2	0.00
540.	536.3	7.757	7.702	34.578	26.987	26.979	33.713	29.434	115.9	1.458	1489.9	1.64
560.	556.1	7.582	7.526	34.577	27.011	27.003	33.744	29.551	113.7	1.481	1489.6	1.52
580.	575.9	7.471	7.414	34.576	27.027	27.018	33.763	29.658	112.5	1.503	1489.5	1.07
600.	595.8	7.263	7.204	34.580	27.059	27.051	33.802	29.784	109.5	1.526	1489.0	2.90
650.	645.3	6.874	6.812	34.580	27.114	27.105	33.871	30.070	104.6	1.579	1488.3	1.07
698.	692.9	6.593	6.527	34.581	27.153	27.144	33.920	30.364	100.7	1.629	1488.0	0.62
750.	744.4	6.068	6.001	34.587	27.226	27.218	34.013	30.648	94.2	1.680	1486.8	1.52
801.	795.0	5.789	5.718	34.596	27.269	27.260	34.066	30.927	90.4	1.727	1486.6	3.04
850.	843.5	5.580	5.506	34.599	27.298	27.288	34.102	31.182	88.0	1.771	1486.5	1.86
900.	893.0	5.319	5.242	34.601	27.330	27.321	34.144	31.446	85.0	1.814	1486.3	1.75
950.	942.5	5.097	5.017	34.607	27.362	27.352	34.184	31.709	82.2	1.856	1486.3	0.00
1000.	992.0	4.905	4.823	34.614	27.389	27.380	34.219	31.968	79.8	1.896	1486.3	0.00
1050.	1041.5	4.697	4.612	34.616	27.415	27.405	34.253	32.226	77.4	1.936	1486.3	1.64
1100.	1090.9	4.543	4.454	34.616	27.432	27.422	34.276	32.473	76.0	1.974	1486.5	0.87
1150.	1140.4	4.436	4.344	34.616	27.444	27.434	34.292	32.715	75.1	2.012	1486.9	0.87
1200.	1189.8	4.358	4.262	34.617	27.454	27.444	34.305	32.953	74.5	2.049	1487.4	0.00
1250.	1239.3	4.240	4.140	34.619	27.469	27.458	34.324	33.198	73.3	2.086	1487.7	0.00
1300.	1288.7	4.183	4.080	34.619	27.475	27.464	34.333	33.432	73.0	2.122	1488.3	1.07
1400.	1387.5	3.966	3.855	34.626	27.504	27.493	34.371	33.920	70.6	2.194	1489.1	0.00
1500.	1486.2	3.616	3.501	34.639	27.549	27.538	34.430	34.430	66.0	2.263	1489.3	0.00
1600.	1584.9	3.226	3.107	34.666	27.609	27.598	34.505	34.956	59.8	2.326	1489.4	0.00
1700.	1683.6	3.056	2.931	34.680	27.636	27.625	34.539	35.442	57.3	2.384	1490.3	1.64
1800.	1782.2	2.889	2.757	34.693	27.662	27.650	34.571	35.925	54.9	2.440	1491.3	0.00
1900.	1880.8	2.838	2.698	34.697	27.670	27.658	34.582	36.386	54.6	2.495	1492.8	0.00
2000.	1979.3	2.823	2.674	34.699	27.674	27.661	34.587	36.839	54.8	2.549	1494.4	0.00
fin	2073.	2051.2	2.819	2.663	34.700	27.676	34.589	0.000	2.6*****	1.4		

Mean vertical sound speed between 4. et 2073. dbar : 1494.5 m/s  
Reference pressure for gamprf : 1500. dbar

JADE 95 Station 39 - (24 Nov 95)



# STATION 39

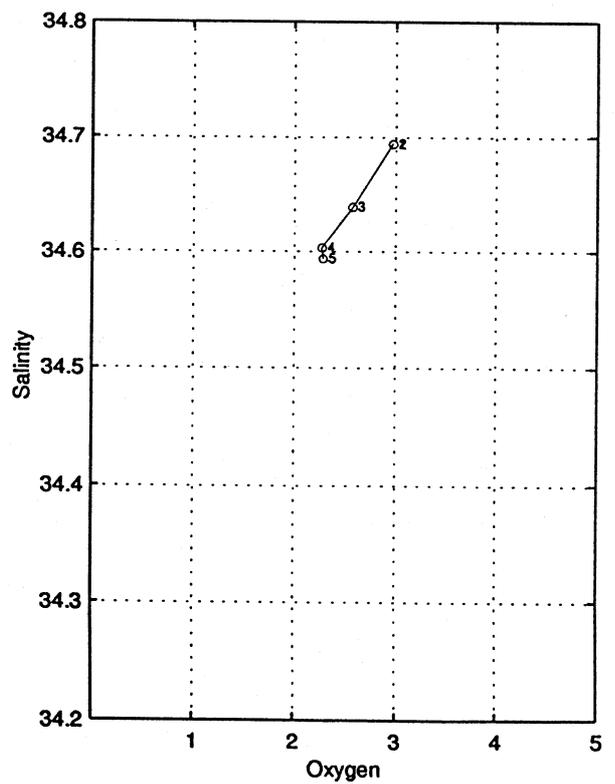
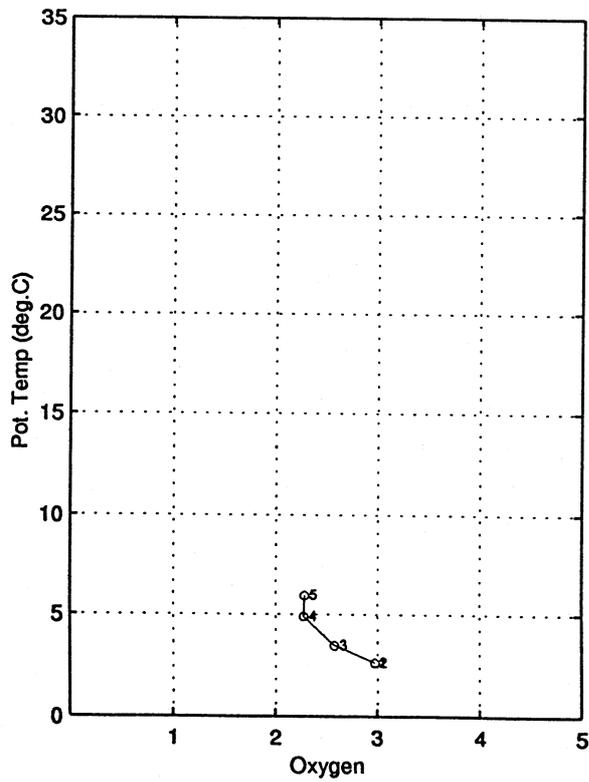
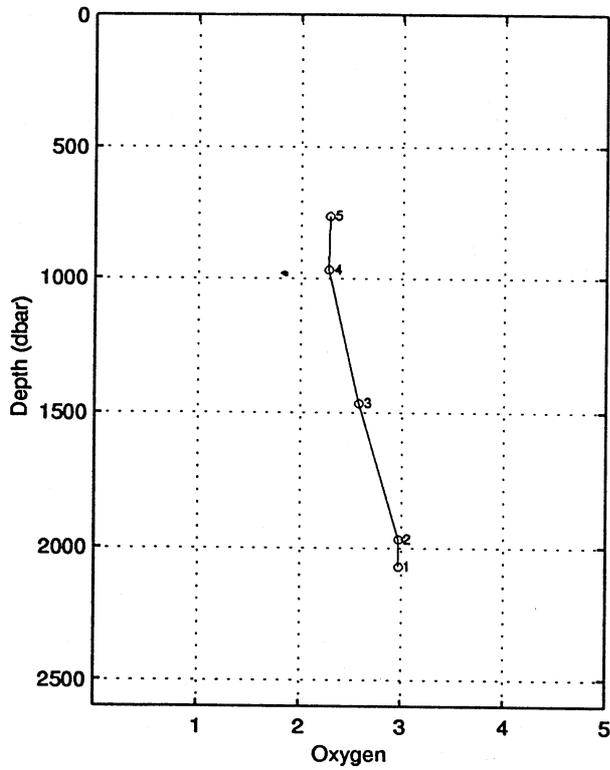
JADE 95

## Oxygen Profile

Bathysonde : Guildline INSU-Brest

Area : South Banda & Timor Sea - Indonesia

Cruise name : JADE95 - R/V Baruna Jaya I



98/10/14  
12:15:29

listacor\_40

1

JADE 95

station : 40.00

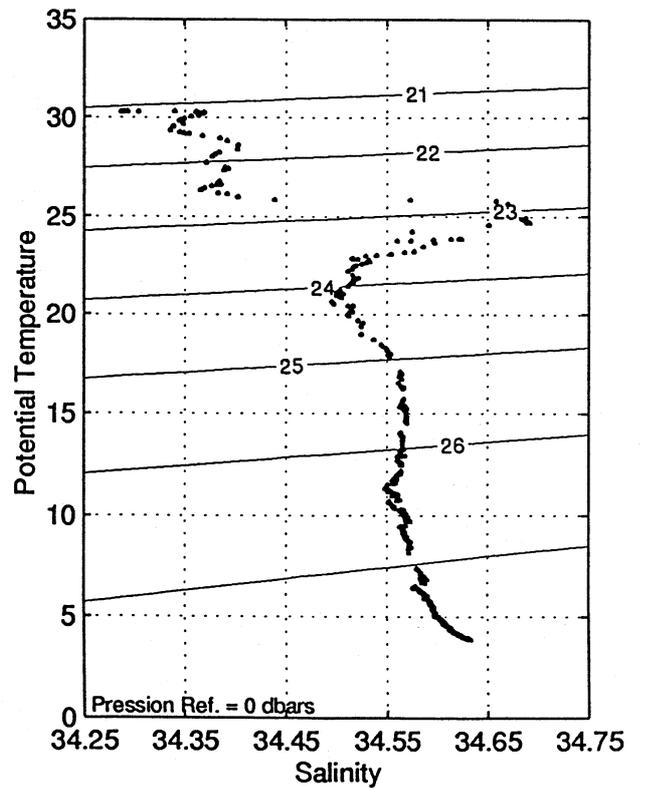
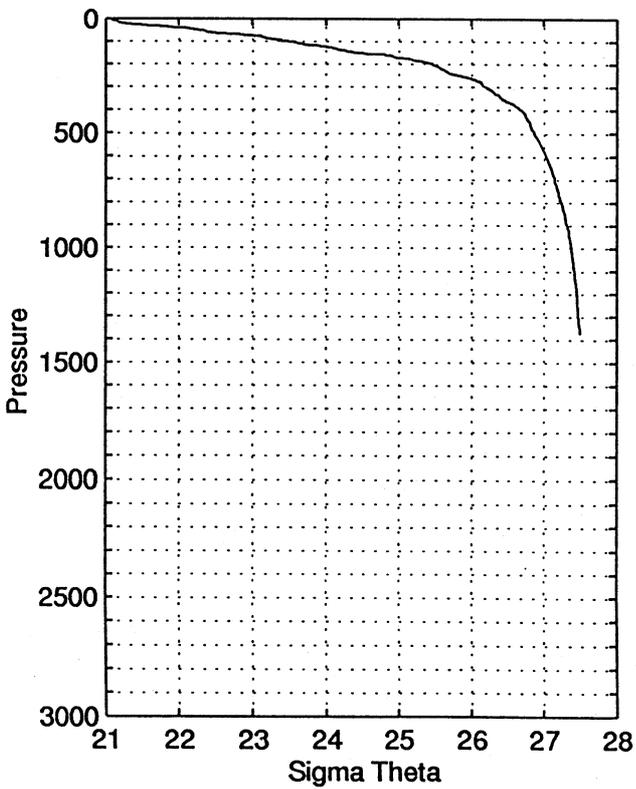
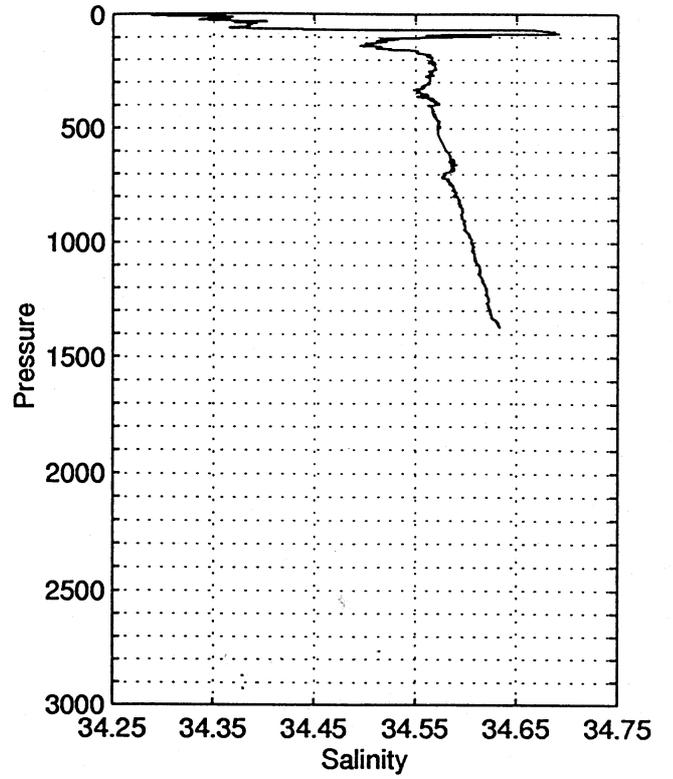
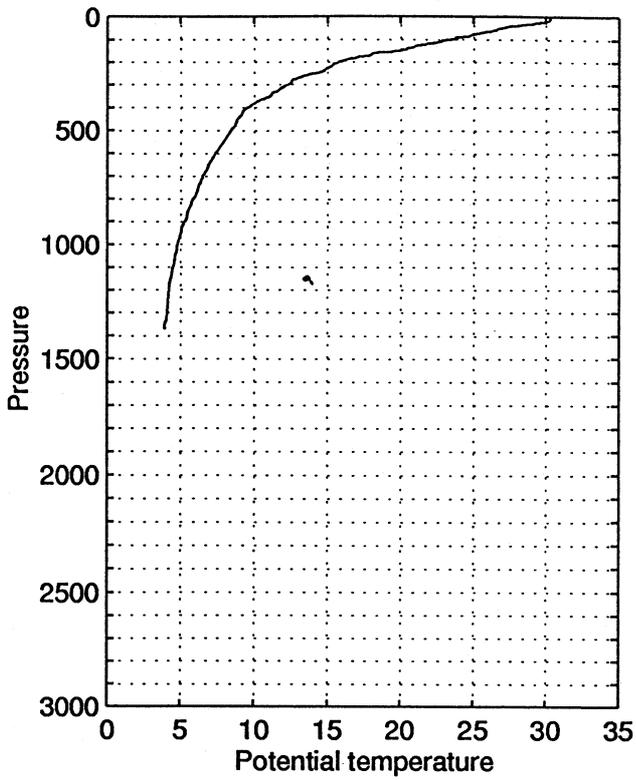
data reduction: 1 dbar

le 24/11/1995 a 18.30 tu -8.4530 130.1748 depth : 1470 m (1484.dbar)

press.	prof	temp.	theta	salin	sigtheta	sigmaamat	gamprf	gapts	avsp	h-dyn	v(sound)	bva
								(*1e5)	(mdyn)		(cph)	
3.	3.0	30.292	30.292	34.286	21.094	21.091	27.271	21.104	668.3	0.000	1545.5	0.00
10.	9.9	30.303	30.301	34.361	21.147	21.143	27.323	21.186	663.6	0.047	1545.7	7.64
20.	19.9	29.972	29.967	34.349	21.252	21.248	27.434	21.333	654.1	0.113	1545.2	9.36
30.	29.8	29.096	29.089	34.367	21.562	21.557	27.758	21.685	624.8	0.177	1543.6	12.20
40.	39.8	27.768	27.759	34.371	22.002	21.997	28.222	22.169	583.0	0.237	1540.8	12.06
50.	49.7	26.820	26.809	34.384	22.316	22.311	28.553	22.526	553.4	0.294	1538.9	8.63
60.	59.7	26.383	26.369	34.366	22.442	22.436	28.687	22.694	541.8	0.348	1538.0	8.71
69.	68.6	25.683	25.668	34.669	22.889	22.882	29.145	23.442	477.5	0.396	1536.8	13.08
80.	79.5	24.920	24.902	34.683	23.133	23.126	29.404	23.471	476.5	0.449	1535.2	3.51
91.	90.5	23.791	23.772	34.560	23.377	23.370	29.672	23.763	453.6	0.501	1532.5	11.50
100.	99.4	23.250	23.230	34.578	23.549	23.541	29.854	23.974	437.5	0.541	1531.3	14.01
110.	109.4	22.712	22.690	34.533	23.670	23.662	29.987	24.138	426.3	0.584	1530.0	8.91
120.	119.3	21.801	21.777	34.517	23.914	23.906	30.251	24.427	403.3	0.626	1527.8	5.58
130.	129.2	21.059	21.035	34.505	24.109	24.101	30.462	24.667	385.0	0.665	1526.0	2.48
140.	139.2	20.456	20.430	34.516	24.280	24.272	30.647	24.882	368.9	0.703	1524.5	4.88
150.	149.1	19.956	19.928	34.512	24.410	24.401	30.789	25.056	356.9	0.740	1523.3	6.78
160.	159.0	18.302	18.275	34.549	24.860	24.852	31.278	25.554	314.0	0.773	1518.8	9.29
169.	168.0	17.883	17.855	34.552	24.966	24.958	31.394	25.926	286.3	0.801	1517.7	8.67
180.	178.9	17.018	16.989	34.565	25.184	25.176	31.634	25.968	283.6	0.833	1515.4	2.90
190.	188.8	16.279	16.248	34.566	25.358	25.350	31.826	26.188	267.2	0.860	1513.3	4.80
200.	198.8	15.770	15.739	34.567	25.474	25.466	31.956	26.350	256.3	0.887	1511.9	0.62
210.	208.7	15.417	15.385	34.569	25.555	25.547	32.047	26.476	248.8	0.912	1511.0	2.63
220.	218.6	15.255	15.222	34.567	25.590	25.582	32.086	26.556	245.7	0.937	1510.6	2.80
230.	228.6	14.942	14.907	34.569	25.661	25.652	32.165	26.671	239.2	0.961	1509.8	6.22
240.	238.5	14.734	14.698	34.569	25.706	25.698	32.217	26.762	235.1	0.985	1509.3	4.71
250.	248.4	14.119	14.083	34.564	25.833	25.825	32.361	26.936	223.1	1.008	1507.5	6.55
260.	258.4	13.453	13.417	34.566	25.973	25.965	32.519	27.123	209.8	1.029	1505.5	6.58
271.	269.3	12.949	12.912	34.565	26.074	26.066	32.635	27.276	200.3	1.052	1504.0	1.24
280.	278.2	12.613	12.575	34.565	26.140	26.132	32.711	27.383	194.1	1.069	1503.0	2.48
290.	288.2	12.540	12.501	34.564	26.154	26.146	32.727	27.442	193.0	1.089	1502.9	2.70
301.	299.1	12.226	12.186	34.564	26.215	26.207	32.797	27.553	187.4	1.110	1502.0	4.93
319.	317.0	11.768	11.727	34.555	26.296	26.288	32.892	27.767	177.4	1.143	1500.8	3.71
340.	337.8	11.216	11.173	34.551	26.395	26.387	33.008	27.913	170.7	1.180	1499.2	1.24
360.	357.7	10.790	10.746	34.560	26.479	26.470	33.105	28.089	163.0	1.213	1498.0	1.96
380.	377.5	10.083	10.038	34.567	26.608	26.600	33.256	28.313	150.7	1.244	1495.9	4.50
400.	397.4	9.536	9.490	34.564	26.698	26.690	33.364	28.497	142.2	1.273	1494.2	2.77
420.	417.2	9.242	9.195	34.568	26.749	26.741	33.425	28.640	137.6	1.301	1493.5	3.33
440.	437.1	9.063	9.014	34.568	26.778	26.769	33.459	28.761	135.1	1.329	1493.1	2.47
463.	459.9	8.841	8.790	34.571	26.816	26.808	33.505	28.905	131.7	1.359	1492.7	1.34
480.	476.8	8.742	8.691	34.572	26.833	26.824	33.525	28.998	130.4	1.381	1492.6	1.75
500.	496.6	8.453	8.400	34.572	26.877	26.869	33.580	29.136	126.2	1.407	1491.9	1.24
524.	520.4	8.225	8.171	34.572	26.913	26.904	33.623	29.282	123.1	1.437	1491.4	2.39
594.	589.8	7.448	7.389	34.580	27.034	27.025	33.770	29.728	112.0	1.519	1489.6	2.33
598.	593.8	7.438	7.379	34.581	27.036	27.027	33.773	29.788	110.8	1.524	1489.7	0.87
620.	615.6	7.238	7.178	34.584	27.067	27.058	33.811	29.882	109.1	1.548	1489.3	1.75
640.	635.4	7.035	6.973	34.585	27.096	27.087	33.847	30.004	106.4	1.570	1488.8	0.00
660.	655.2	6.900	6.837	34.585	27.115	27.106	33.871	30.115	104.7	1.591	1488.6	0.00
680.	675.1	6.752	6.688	34.588	27.137	27.128	33.899	30.231	102.7	1.611	1488.4	3.03
700.	694.9	6.563	6.497	34.580	27.156	27.147	33.924	30.343	100.9	1.632	1487.9	1.07
750.	744.4	6.255	6.186	34.587	27.202	27.193	33.982	30.620	96.8	1.681	1487.6	1.24
800.	794.0	5.916	5.845	34.592	27.250	27.241	34.042	30.901	92.4	1.729	1487.1	1.38
850.	843.5	5.588	5.514	34.596	27.294	27.285	34.098	31.178	88.3	1.774	1486.6	1.07
905.	898.0	5.281	5.205	34.600	27.334	27.325	34.150	31.474	84.7	1.822	1486.3	2.28
950.	942.5	5.104	5.025	34.600	27.355	27.346	34.177	31.703	82.8	1.860	1486.3	0.87
1000.	992.0	4.892	4.810	34.606	27.385	27.375	34.215	31.964	80.2	1.901	1486.3	2.14
1050.	1041.5	4.718	4.632	34.609	27.407	27.398	34.244	32.217	78.2	1.940	1486.4	1.24
1100.	1090.9	4.576	4.486	34.613	27.426	27.416	34.269	32.467	76.6	1.979	1486.6	1.80
1150.	1140.4	4.427	4.335	34.615	27.444	27.434	34.293	32.715	75.1	2.017	1486.8	0.00
1200.	1189.8	4.297	4.202	34.621	27.463	27.453	34.317	32.964	73.4	2.054	1487.1	0.62
1250.	1239.3	4.240	4.141	34.623	27.471	27.461	34.327	33.200	73.0	2.091	1487.7	0.00
1300.	1288.7	4.192	4.089	34.624	27.478	27.467	34.336	33.435	72.7	2.127	1488.4	0.00
fin	1371.	1358.8	4.005	3.897	34.633	27.505	27.494	34.370	0.000	2.2*****	1.2	

Mean vertical sound speed between 3. et 1371. dbar : 1496.5 m/s  
Reference pressure for gamprf : 1500. dbar

JADE 95 Station 40 - (24 Nov 95)



# STATION 40

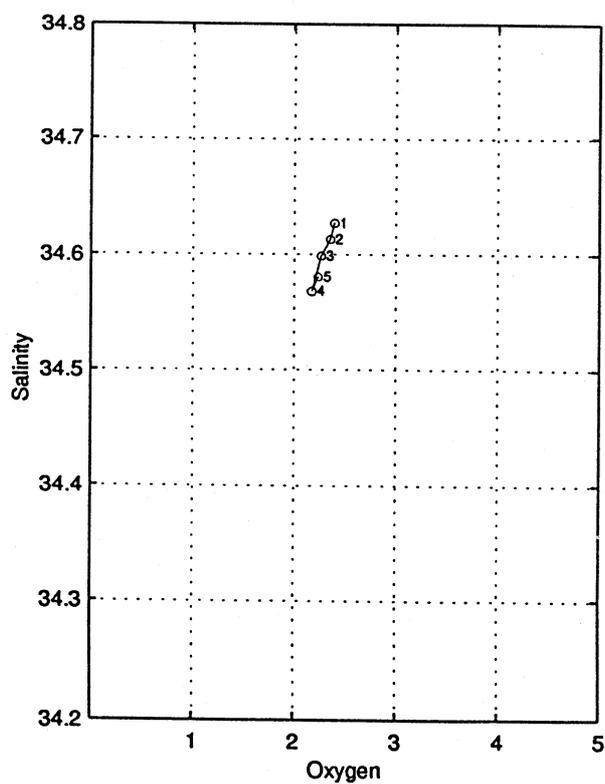
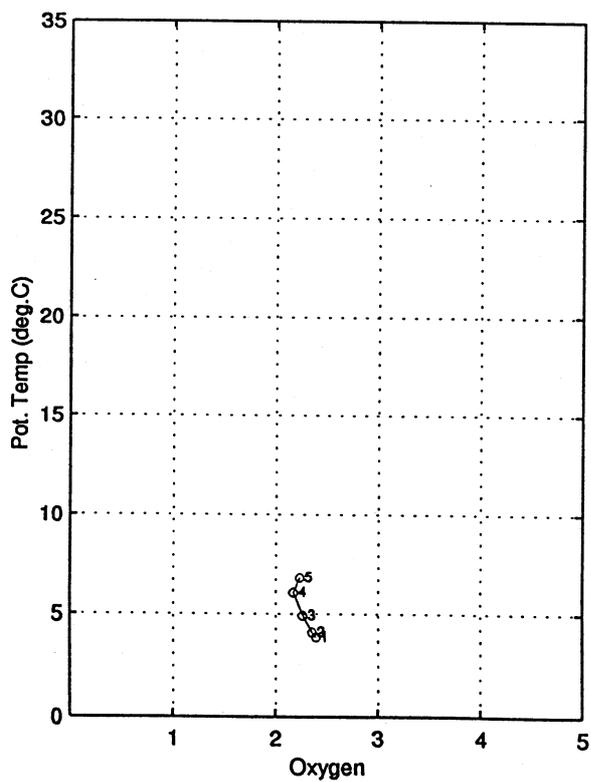
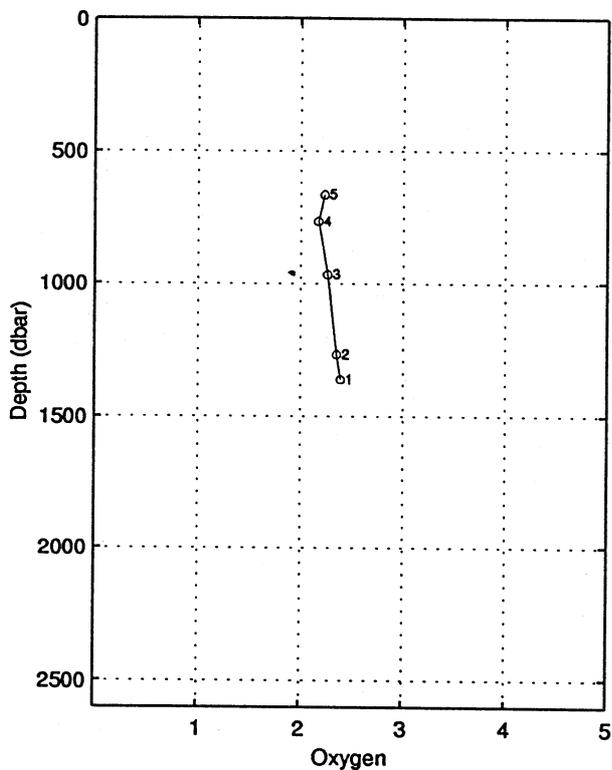
JADE 95

## Oxygen Profile

Bathysonde : Guildline INSU-Brest

Area : South Banda & Timor Sea - Indonesia

Cruise name : JADE95 - R/V Baruna Jaya I



98/10/14  
12:15:30

listacor\_41

1

JADE 95

station : 41.00

data reduction: 1 dbar

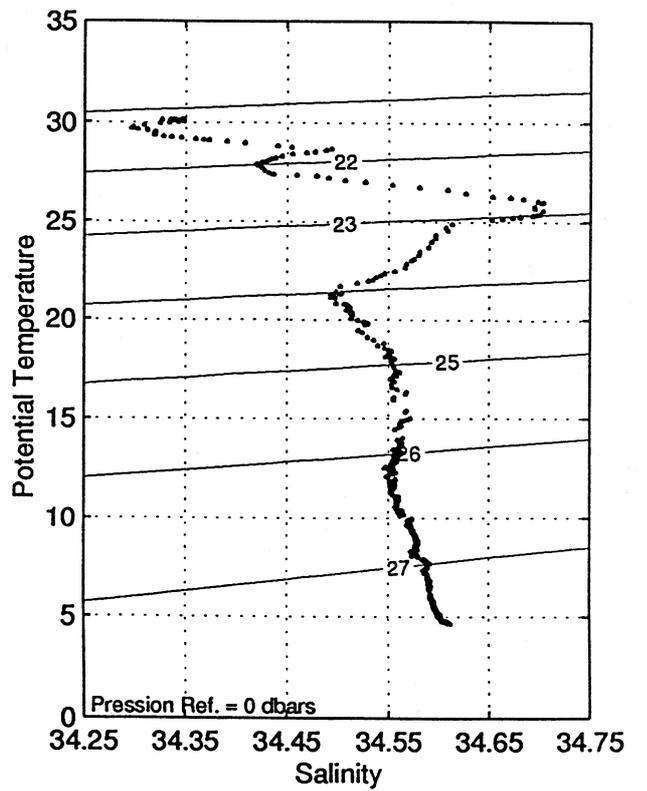
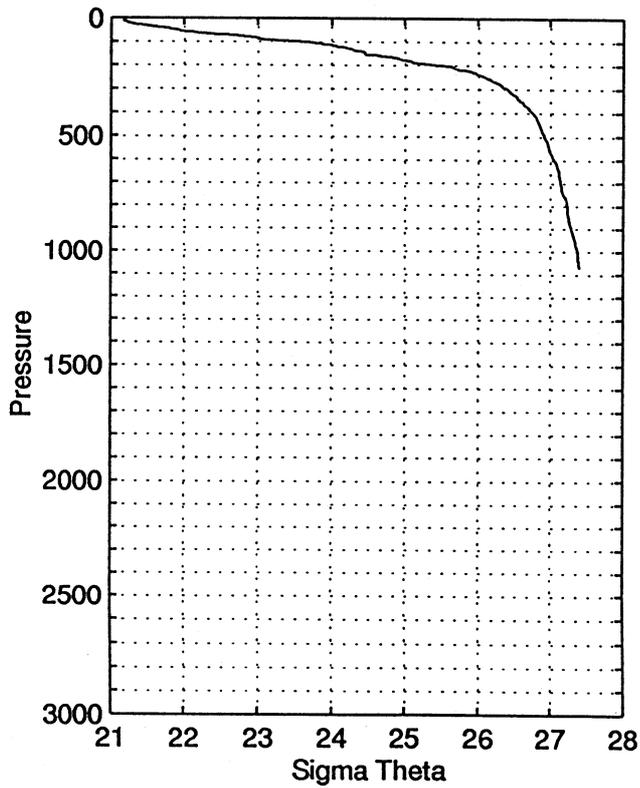
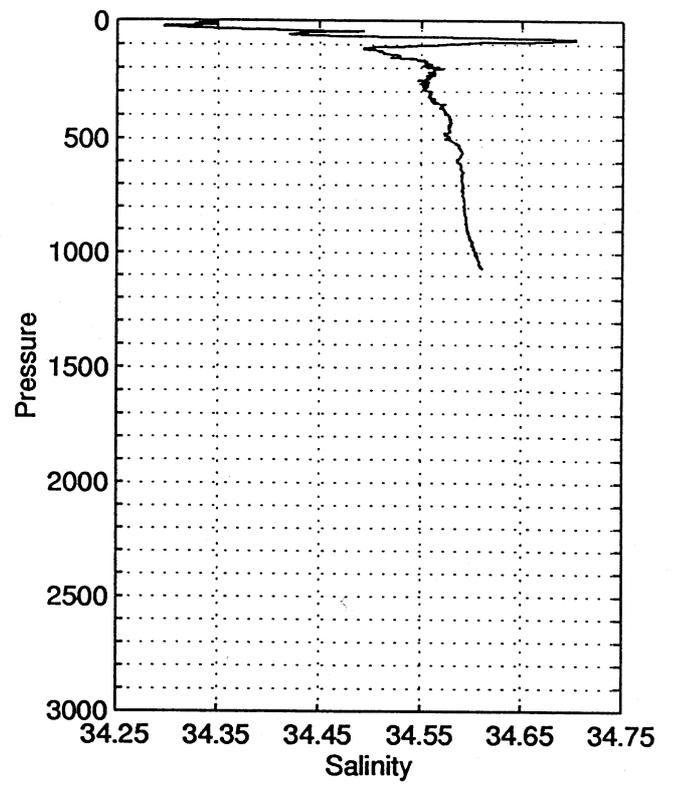
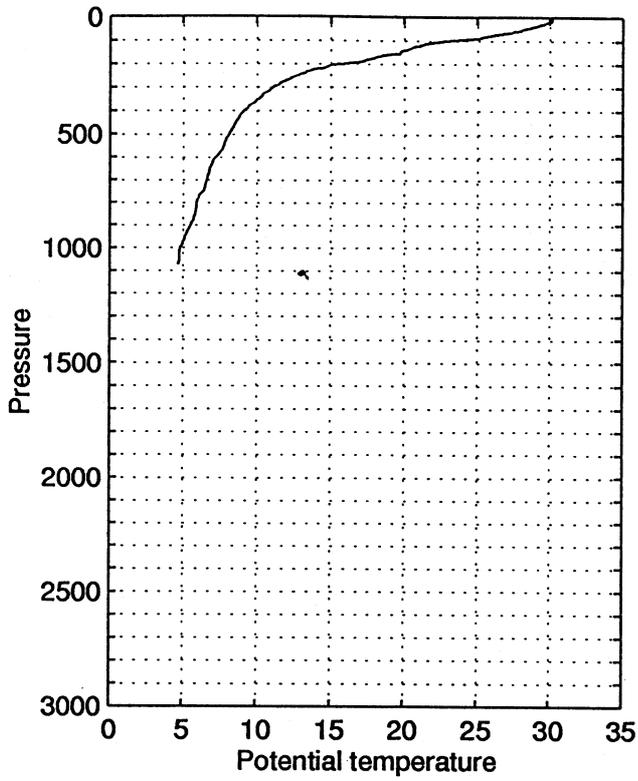
le 24/11/1995 a 23.56 tu -8.3891 130.5998 depth : 1184 m (1194.dbar)

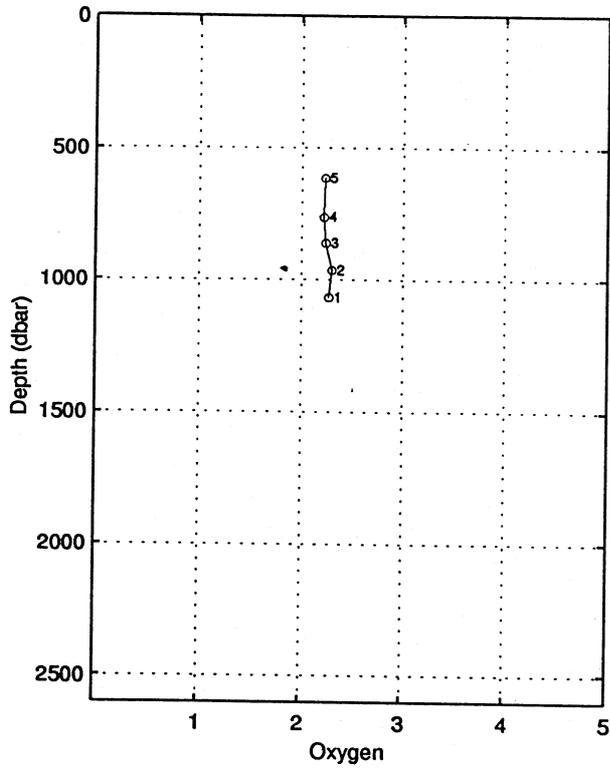
press.	prof	temp.	theta	salin	sigtheta	sigmaamm	gamprf	gapt	avsp	h-dyn	v(sound)	bva
								(*1e5)	(mdyn)		(cph)	
2.	2.0	30.159	30.158	34.338	21.179	21.176	27.357	21.184	660.2	0.000	1545.3	0.00
8.	8.0	30.147	30.145	34.334	21.180	21.177	27.359	21.228	661.0	0.040	1545.4	0.00
20.	19.9	29.968	29.963	34.324	21.235	21.231	27.417	21.316	655.7	0.119	1545.2	5.93
30.	29.8	29.390	29.383	34.319	21.427	21.422	27.619	21.551	637.7	0.183	1544.1	9.56
40.	39.8	28.790	28.780	34.454	21.730	21.724	27.931	21.896	609.2	0.246	1543.2	9.57
50.	49.7	28.193	28.181	34.435	21.913	21.906	28.124	22.121	592.1	0.306	1542.0	7.38
60.	59.7	27.592	27.578	34.428	22.104	22.097	28.327	22.355	574.2	0.365	1540.8	12.44
70.	69.6	26.678	26.663	34.609	22.532	22.525	28.770	22.826	533.6	0.421	1539.1	13.75
80.	79.5	25.709	25.692	34.694	22.900	22.893	29.156	23.237	498.9	0.472	1537.1	9.99
90.	89.5	24.921	24.901	34.614	23.081	23.073	29.353	23.461	481.9	0.521	1535.3	10.67
100.	99.4	23.060	23.039	34.573	23.600	23.593	29.910	24.026	432.6	0.566	1530.8	7.59
110.	109.4	21.886	21.864	34.519	23.892	23.884	30.227	24.362	405.0	0.608	1527.9	8.47
119.	118.3	21.150	21.127	34.497	24.078	24.070	30.429	24.685	380.1	0.643	1526.0	4.42
130.	129.2	20.564	20.540	34.509	24.246	24.238	30.610	24.804	371.9	0.685	1524.6	5.78
140.	139.2	19.987	19.961	34.519	24.406	24.398	30.784	25.009	356.8	0.722	1523.2	9.81
150.	149.1	19.806	19.778	34.528	24.461	24.453	30.843	25.108	352.0	0.757	1522.9	1.24
161.	160.0	18.830	18.801	34.545	24.725	24.717	31.130	25.422	327.0	0.795	1520.4	8.80
170.	169.0	18.132	18.103	34.547	24.901	24.892	31.323	25.638	310.5	0.823	1518.5	2.63
180.	178.9	17.627	17.597	34.555	25.031	25.023	31.465	25.813	298.3	0.854	1517.2	6.31
190.	188.8	17.028	16.996	34.552	25.172	25.164	31.622	26.000	285.1	0.883	1515.6	8.51
201.	199.8	15.433	15.402	34.568	25.551	25.543	32.042	26.433	248.9	0.912	1510.9	11.67
210.	208.7	14.834	14.802	34.562	25.678	25.671	32.186	26.602	236.9	0.934	1509.1	5.14
221.	219.6	14.076	14.044	34.564	25.842	25.834	32.370	26.817	221.4	0.959	1506.9	8.75
230.	228.6	13.571	13.539	34.559	25.942	25.935	32.485	26.959	211.9	0.979	1505.4	4.95
240.	238.5	13.187	13.153	34.555	26.018	26.011	32.572	27.081	204.9	1.000	1504.3	6.86
250.	248.4	12.716	12.682	34.552	26.110	26.102	32.677	27.219	196.2	1.020	1502.8	5.67
260.	258.4	12.346	12.312	34.557	26.186	26.179	32.765	27.342	189.1	1.039	1501.8	3.50
270.	268.3	11.997	11.961	34.557	26.253	26.246	32.842	27.455	182.8	1.058	1500.7	3.39
280.	278.2	11.646	11.610	34.553	26.316	26.309	32.915	27.564	177.0	1.076	1499.7	5.64
290.	288.2	11.471	11.434	34.554	26.350	26.342	32.955	27.643	173.9	1.093	1499.3	3.27
300.	298.1	11.122	11.085	34.561	26.419	26.411	33.034	27.759	167.4	1.110	1498.2	2.47
320.	318.0	10.720	10.681	34.559	26.490	26.482	33.118	27.922	160.9	1.143	1497.1	3.55
340.	337.8	10.346	10.305	34.562	26.558	26.550	33.198	28.082	154.7	1.174	1496.1	0.00
360.	357.7	9.912	9.870	34.570	26.638	26.631	33.292	28.255	147.3	1.205	1494.9	3.61
380.	377.5	9.501	9.458	34.573	26.709	26.702	33.376	28.419	140.6	1.233	1493.8	2.90
400.	397.4	9.156	9.112	34.577	26.769	26.762	33.448	28.572	135.1	1.261	1492.8	2.62
420.	417.2	8.867	8.822	34.578	26.816	26.809	33.505	28.712	130.8	1.287	1492.1	1.75
440.	437.1	8.680	8.633	34.577	26.845	26.838	33.540	28.832	128.3	1.313	1491.7	2.05
460.	456.9	8.502	8.453	34.578	26.874	26.866	33.575	28.953	125.8	1.339	1491.4	0.00
480.	476.8	8.338	8.287	34.575	26.897	26.889	33.603	29.067	123.9	1.364	1491.1	0.00
500.	496.6	8.154	8.102	34.576	26.926	26.917	33.638	29.188	121.4	1.388	1490.8	0.62
520.	516.4	7.954	7.901	34.584	26.962	26.954	33.681	29.317	118.1	1.412	1490.3	2.05
540.	536.3	7.848	7.793	34.588	26.981	26.973	33.704	29.427	116.5	1.436	1490.3	2.40
560.	556.1	7.753	7.696	34.592	26.998	26.990	33.724	29.536	115.2	1.459	1490.2	0.87
579.	574.9	7.559	7.501	34.589	27.024	27.016	33.757	29.684	111.8	1.481	1489.8	0.00
601.	596.8	7.271	7.212	34.586	27.063	27.055	33.806	29.792	109.1	1.505	1489.1	2.29
620.	615.6	7.058	6.999	34.589	27.096	27.087	33.846	29.913	106.1	1.525	1488.6	0.00
640.	635.4	6.937	6.876	34.591	27.114	27.106	33.869	30.024	104.5	1.546	1488.4	2.23
660.	655.3	6.816	6.753	34.591	27.131	27.122	33.890	30.133	103.1	1.567	1488.3	0.62
680.	675.1	6.755	6.691	34.590	27.139	27.130	33.900	30.232	102.6	1.588	1488.4	0.00
699.	693.9	6.682	6.617	34.591	27.149	27.140	33.913	30.347	101.4	1.607	1488.4	0.00
748.	742.5	6.451	6.381	34.592	27.181	27.172	33.953	30.693	95.7	1.656	1488.3	2.00
800.	794.0	5.995	5.923	34.594	27.242	27.232	34.031	30.891	93.4	1.706	1487.4	1.79
850.	843.5	5.892	5.816	34.595	27.256	27.247	34.049	31.134	92.5	1.752	1487.8	0.87
900.	893.0	5.591	5.513	34.597	27.295	27.285	34.099	31.405	88.9	1.798	1487.4	1.07
950.	942.5	5.208	5.127	34.602	27.345	27.336	34.164	31.690	84.0	1.841	1486.7	1.64
1000.	992.0	4.906	4.823	34.606	27.383	27.373	34.213	31.962	80.4	1.882	1486.3	0.62
1050.	1041.5	4.841	4.755	34.608	27.392	27.382	34.225	32.199	79.9	1.922	1486.9	0.00
fin	1070.	1061.3	4.778	4.690	34.612	27.403	27.393	34.238	0.000	1.9*****	0.0	

Mean vertical sound speed between 2. et 1070. dbar : 1498.5 m/s  
Reference pressure for gamprf : 1500. dbar



JADE 95 Station 41 - (24 Nov 95)





# STATION 41

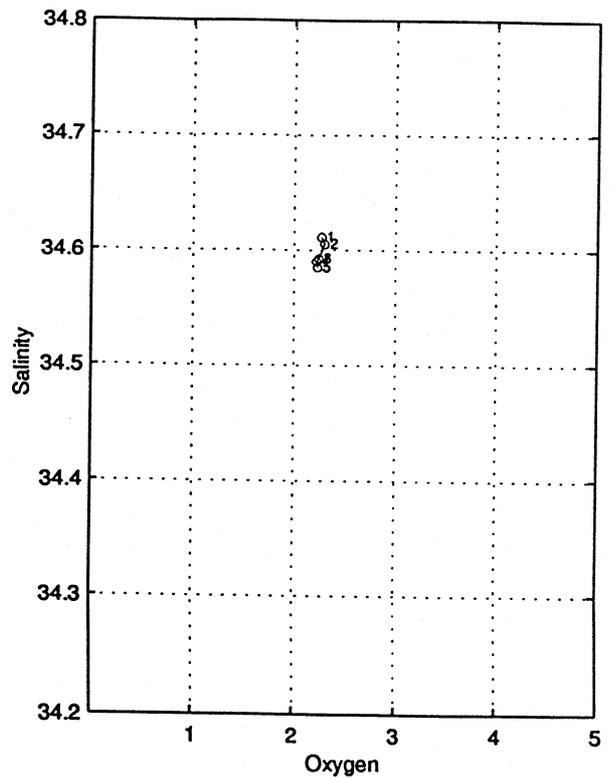
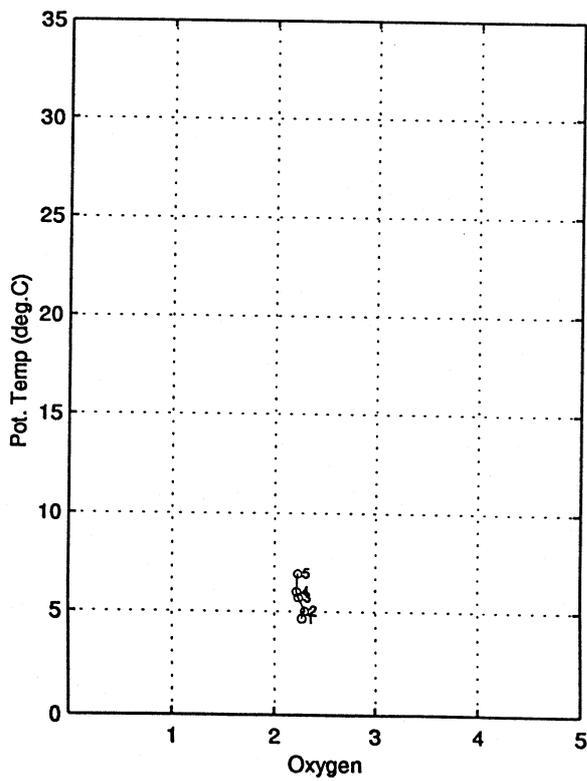
JADE 95

## Oxygen Profile

Bathysonde : Guildline INSU-Brest

Area : South Banda & Timor Sea - Indonesia

Cruise name : JADE95 - R/V Baruna Jaya I



98/10/14  
12:15:30

listacor\_42

1

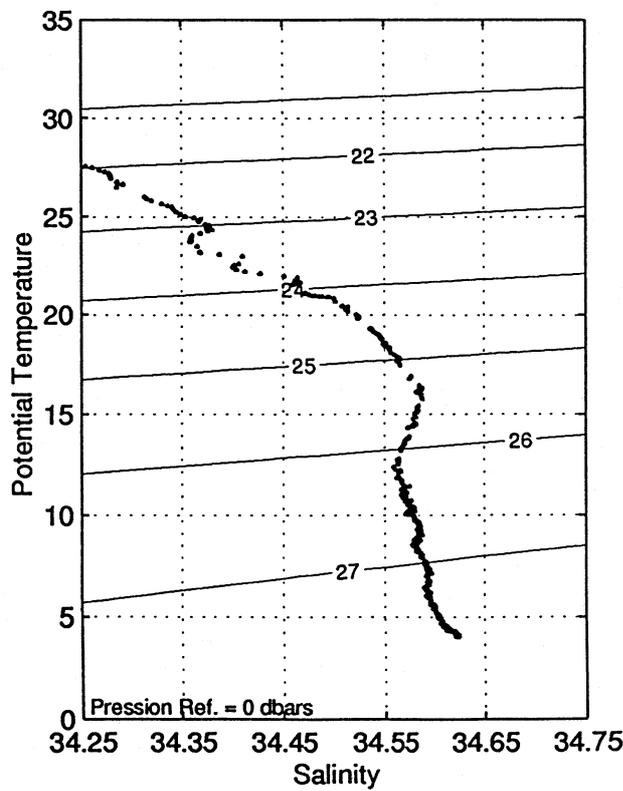
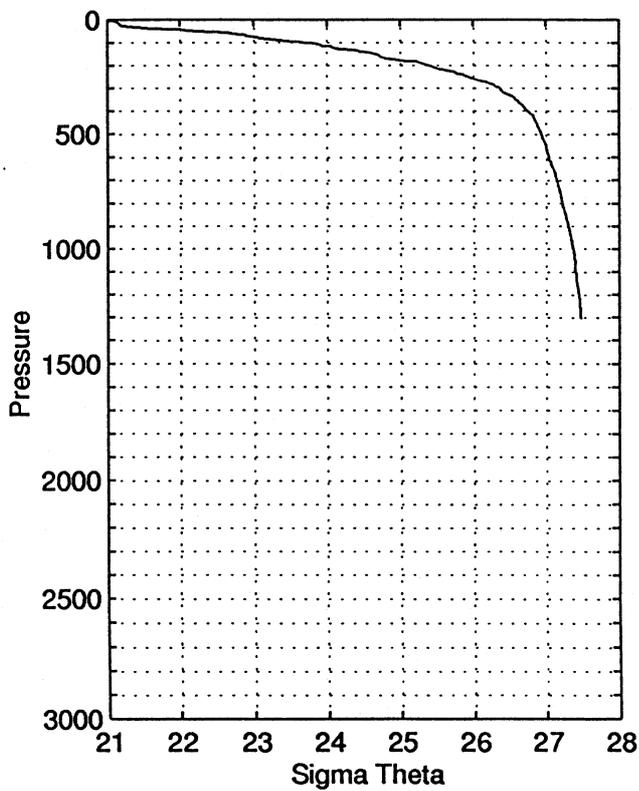
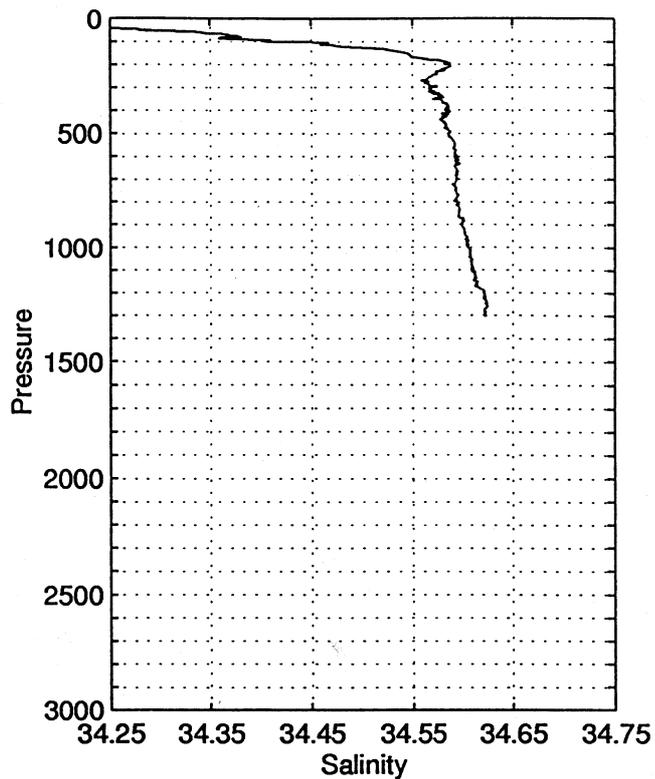
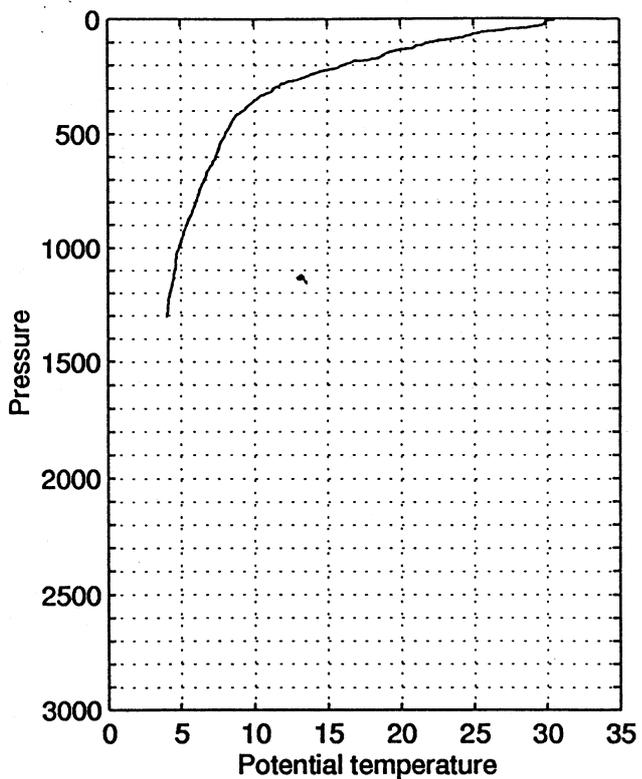
JADE 95 station : 42.00 data reduction: 1 dbar

le 25/11/1995 a 7.00 tu -8.0961 131.4065 depth : 1371 m (1383.dbar)

press.	prof	temp.	theta	salin	sigtheta	sigmaamm	gamprf	gapt	avsp	h-dyn	v(sound)	bva
									(*1e5)	(mdyn)	(cph)	
4.	4.0	30.530	30.529	34.239	20.977	20.974	27.151	20.991	679.6	0.000	1546.0	0.00
11.	10.9	30.056	30.053	34.215	21.122	21.118	27.304	21.165	666.1	0.047	1545.1	3.60
20.	19.9	29.874	29.869	34.190	21.166	21.162	27.351	21.247	662.3	0.107	1544.8	1.24
30.	29.8	29.518	29.510	34.160	21.265	21.260	27.456	21.389	653.2	0.173	1544.2	8.18
40.	39.8	28.386	28.377	34.200	21.672	21.667	27.883	21.838	614.6	0.236	1542.0	13.07
50.	49.7	26.798	26.786	34.285	22.249	22.244	28.488	22.459	559.8	0.295	1538.7	14.35
60.	59.7	25.490	25.477	34.341	22.700	22.694	28.962	22.952	517.1	0.348	1535.9	7.16
70.	69.6	24.816	24.801	34.367	22.925	22.919	29.200	23.221	496.0	0.399	1534.5	7.39
80.	79.5	24.352	24.335	34.380	23.075	23.068	29.359	23.413	482.0	0.447	1533.5	4.20
90.	89.5	23.215	23.197	34.368	23.399	23.392	29.707	23.782	451.3	0.494	1530.8	2.32
100.	99.4	22.243	22.223	34.412	23.710	23.703	30.038	24.137	422.0	0.537	1528.5	9.69
110.	109.4	21.647	21.626	34.462	23.914	23.907	30.255	24.385	402.8	0.578	1527.2	2.97
120.	119.3	21.048	21.025	34.477	24.090	24.083	30.444	24.605	386.3	0.618	1525.8	3.50
130.	129.2	20.441	20.417	34.514	24.282	24.275	30.650	24.841	368.3	0.656	1524.3	7.20
143.	142.2	19.322	19.296	34.536	24.592	24.584	30.985	25.209	339.2	0.701	1521.4	8.15
150.	149.1	19.031	19.005	34.544	24.673	24.665	31.073	25.321	331.6	0.725	1520.7	6.64
160.	159.0	18.795	18.767	34.548	24.736	24.728	31.141	25.428	326.0	0.758	1520.2	4.25
170.	169.0	18.362	18.332	34.555	24.850	24.842	31.267	25.587	315.3	0.790	1519.2	9.10
180.	178.9	17.521	17.491	34.566	25.065	25.056	31.502	25.847	295.1	0.821	1516.9	12.04
190.	188.8	16.495	16.464	34.586	25.323	25.315	31.786	26.152	270.6	0.848	1514.0	6.16
200.	198.8	16.122	16.091	34.584	25.408	25.400	31.880	26.282	262.7	0.875	1513.0	5.74
208.	206.7	15.828	15.796	34.589	25.479	25.470	31.959	26.496	249.2	0.896	1512.2	4.89
220.	218.7	15.169	15.136	34.583	25.621	25.613	32.119	26.587	242.8	0.926	1510.4	6.00
230.	228.6	14.485	14.451	34.578	25.766	25.758	32.283	26.779	229.0	0.949	1508.3	4.15
240.	238.5	13.946	13.911	34.575	25.878	25.870	32.410	26.937	218.5	0.972	1506.8	6.44
250.	248.4	13.598	13.562	34.571	25.947	25.939	32.489	27.052	212.1	0.993	1505.8	5.21
258.	256.4	13.257	13.221	34.566	26.013	26.005	32.565	27.271	198.0	1.010	1504.8	5.64
270.	268.3	12.573	12.537	34.564	26.147	26.139	32.719	27.346	193.2	1.034	1502.7	5.77
282.	280.2	11.892	11.855	34.562	26.277	26.270	32.869	27.533	180.8	1.056	1500.6	5.89
290.	288.2	11.759	11.722	34.568	26.306	26.299	32.902	27.599	178.2	1.071	1500.3	3.27
300.	298.1	11.375	11.337	34.570	26.380	26.372	32.987	27.719	171.3	1.088	1499.1	4.06
320.	318.0	11.060	11.020	34.566	26.435	26.427	33.052	27.865	166.4	1.122	1498.3	4.46
340.	337.8	10.343	10.302	34.578	26.571	26.564	33.211	28.096	153.4	1.154	1496.1	4.20
359.	356.7	10.012	9.971	34.580	26.629	26.622	33.280	28.289	145.8	1.182	1495.3	1.86
380.	377.5	9.576	9.532	34.586	26.708	26.700	33.372	28.417	140.9	1.213	1494.1	2.40
403.	400.4	9.174	9.129	34.584	26.772	26.764	33.449	28.588	135.0	1.244	1493.0	3.37
420.	417.2	8.806	8.761	34.584	26.830	26.823	33.520	28.726	129.5	1.267	1491.9	2.70
440.	437.1	8.584	8.537	34.578	26.861	26.853	33.558	28.849	126.8	1.292	1491.4	2.90
460.	456.9	8.435	8.387	34.583	26.888	26.880	33.591	28.967	124.4	1.318	1491.2	0.00
480.	476.8	8.249	8.199	34.584	26.918	26.910	33.627	29.089	121.8	1.342	1490.8	3.21
501.	497.6	8.092	8.041	34.587	26.943	26.935	33.658	29.211	119.6	1.367	1490.6	1.47
518.	514.5	7.980	7.927	34.589	26.962	26.954	33.680	29.413	115.3	1.388	1490.4	1.38
540.	536.3	7.743	7.689	34.593	27.001	26.992	33.727	29.448	114.6	1.413	1489.9	2.26
560.	556.1	7.670	7.614	34.592	27.010	27.002	33.739	29.549	113.9	1.436	1489.9	0.62
581.	576.9	7.535	7.477	34.594	27.032	27.023	33.765	29.667	112.1	1.460	1489.8	2.27
600.	595.8	7.434	7.375	34.593	27.046	27.037	33.783	29.768	111.0	1.481	1489.7	1.07
620.	615.6	7.251	7.191	34.595	27.073	27.064	33.817	29.888	108.5	1.503	1489.3	2.90
640.	635.4	7.082	7.021	34.593	27.096	27.087	33.845	30.003	106.5	1.525	1489.0	1.52
660.	655.3	6.898	6.835	34.595	27.123	27.114	33.879	30.123	104.0	1.546	1488.6	2.18
680.	675.1	6.806	6.741	34.594	27.134	27.125	33.894	30.227	103.1	1.566	1488.6	0.00
700.	694.9	6.675	6.609	34.595	27.153	27.144	33.918	30.338	101.4	1.587	1488.4	2.05
747.	741.5	6.354	6.285	34.592	27.194	27.185	33.970	30.672	96.8	1.634	1487.9	0.00
800.	794.0	6.095	6.023	34.595	27.230	27.221	34.015	30.877	94.7	1.685	1487.8	2.23
859.	852.4	5.735	5.660	34.597	27.277	27.267	34.076	31.198	90.4	1.739	1487.3	1.70
900.	893.0	5.484	5.406	34.600	27.310	27.301	34.118	31.422	87.3	1.776	1487.0	2.23
943.	935.6	5.282	5.201	34.603	27.337	27.327	34.152	31.734	83.3	1.813	1486.9	0.62
993.	985.1	5.024	4.941	34.605	27.369	27.359	34.194	32.005	80.3	1.854	1486.7	0.00
1050.	1041.5	4.757	4.671	34.610	27.404	27.394	34.239	32.213	78.7	1.900	1486.5	1.97
1102.	1092.9	4.682	4.592	34.611	27.413	27.403	34.251	32.459	78.2	1.941	1487.1	2.07
1151.	1141.4	4.541	4.447	34.616	27.433	27.423	34.277	32.705	76.4	1.979	1487.3	2.09
1200.	1189.8	4.372	4.276	34.622	27.456	27.446	34.307	32.955	74.3	2.016	1487.5	0.00
1250.	1239.3	4.254	4.154	34.625	27.471	27.461	34.327	33.200	73.0	2.052	1487.8	0.62
1301.	1289.7	4.170	4.067	34.624	27.480	27.469	34.338	33.442	72.5	2.090	1488.3	1.45
fin	1303.	1291.7	4.169	4.066	34.624	27.480	27.469	34.339	0.000	2.1*****	1.2	

Mean vertical sound speed between 4. et 1303. dbar : 1496.4 m/s  
Reference pressure for gamprf : 1500. dbar

JADE 95 Station 42 - (25 Nov 95)



# STATION 42

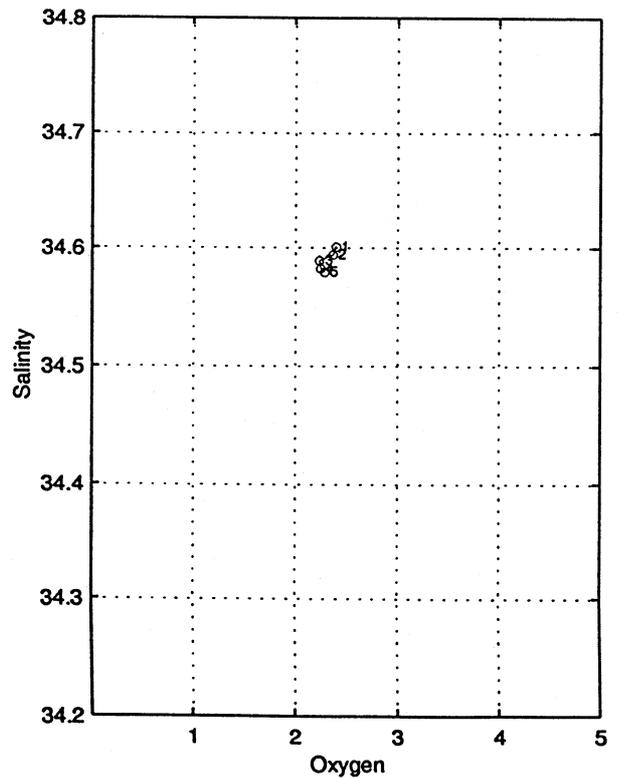
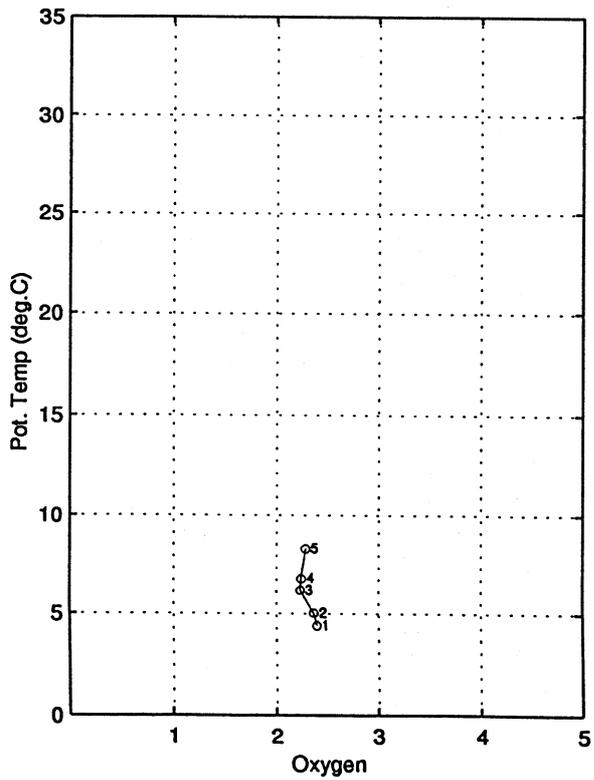
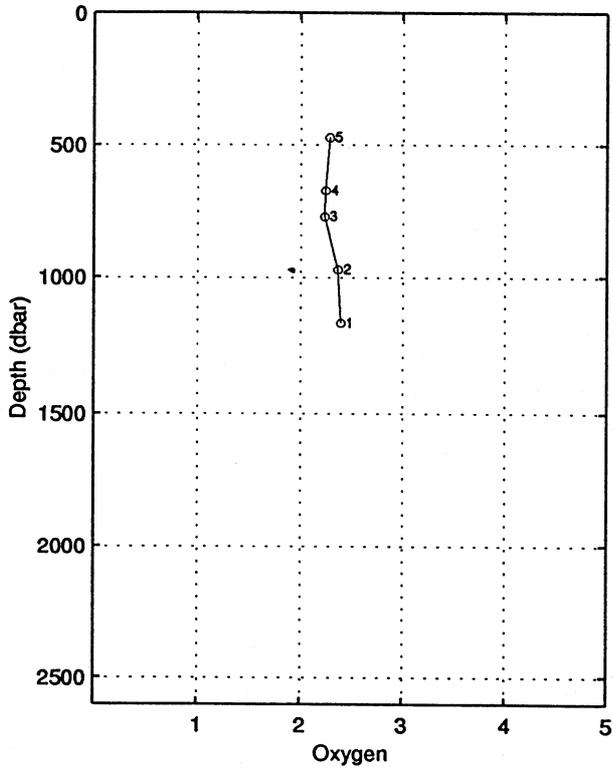
JADE 95

## Oxygen Profile

Bathysonde : Guildline INSU-Brest

Area : South Banda & Timor Sea - Indonesia

Cruise name : JADE95 - R/V Baruna Jaya I



98/10/14  
12:15:31

listacor\_43

1

JADE 95

station : 43.00

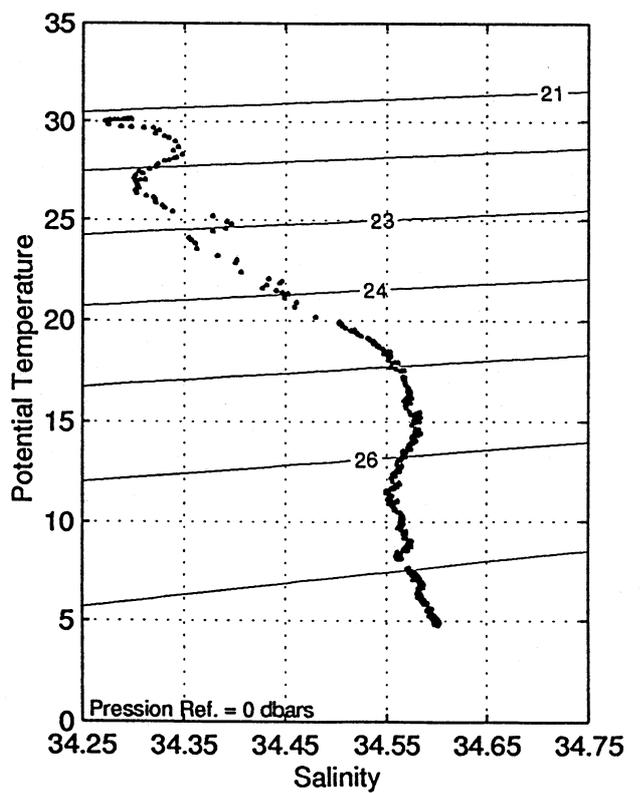
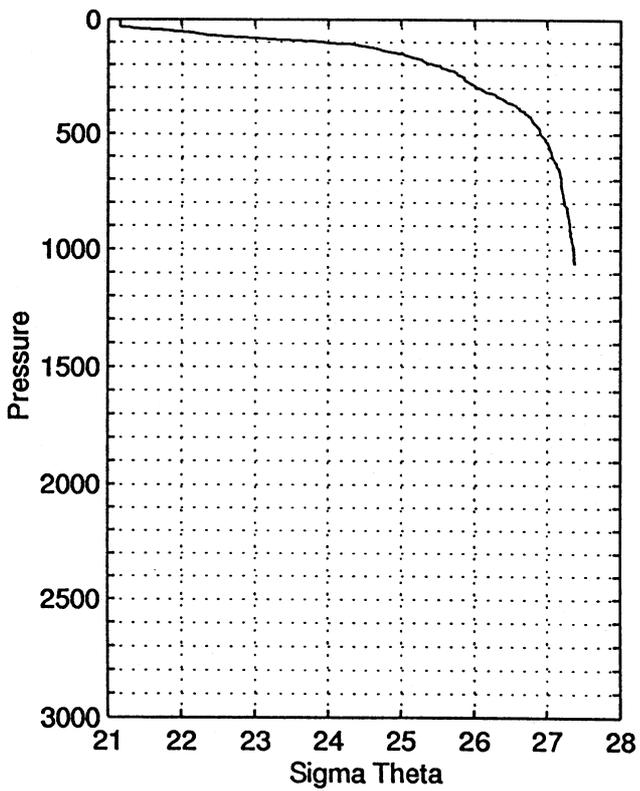
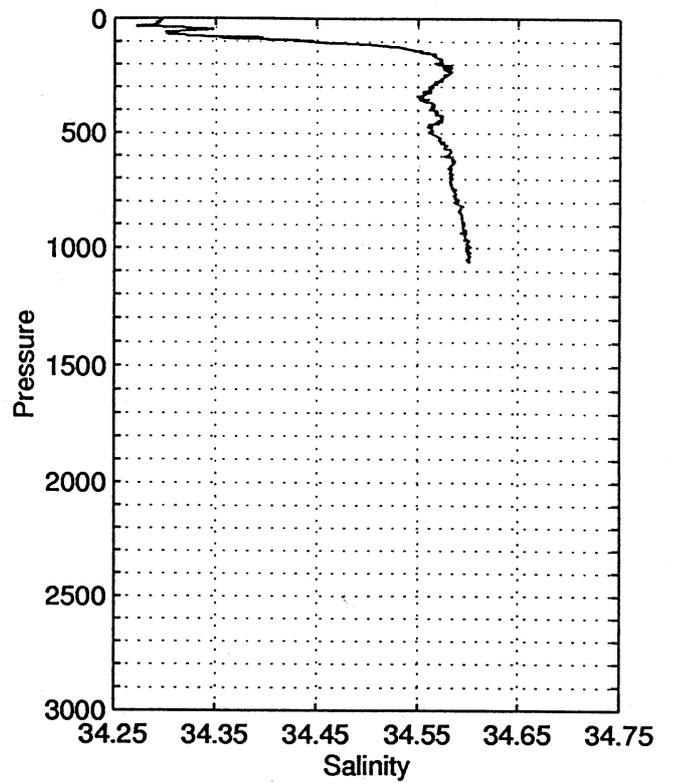
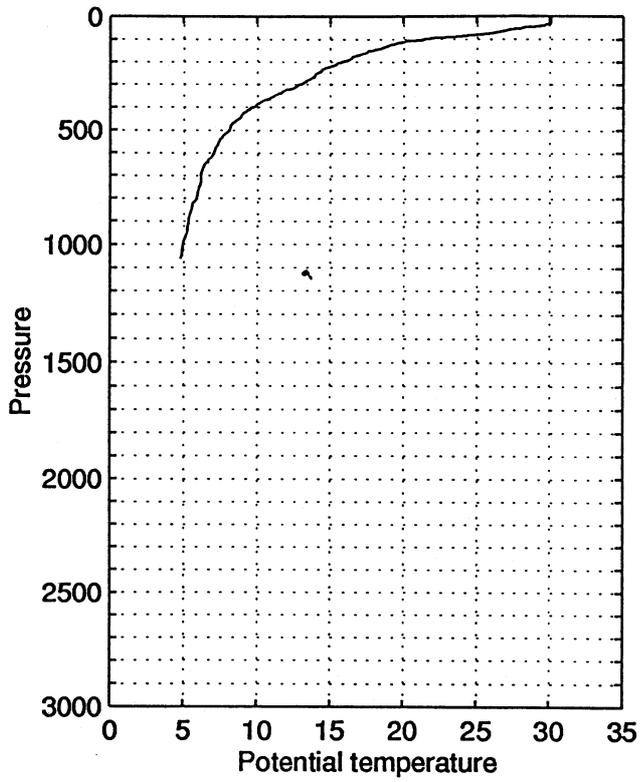
data reduction: 1 dbar

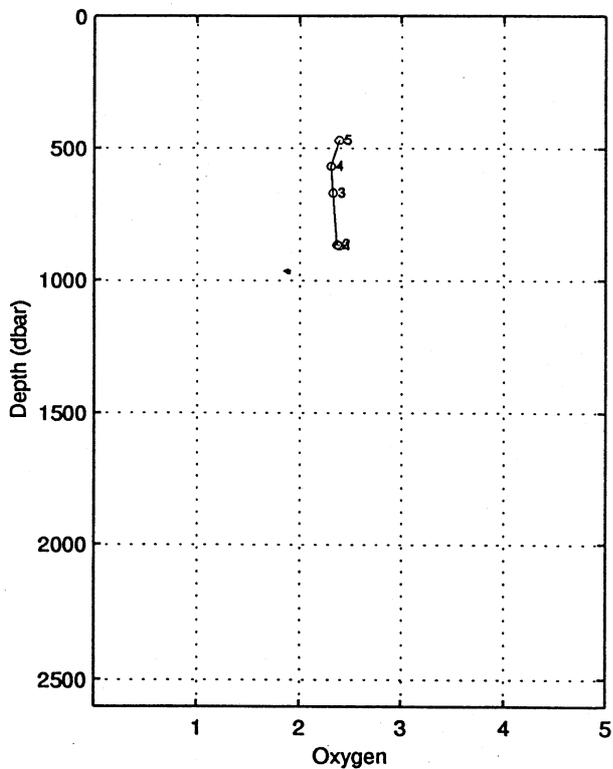
le 25/11/1995 a 21.35 tu -8.1986 129.2438 depth : 1208 m (1218.dbar)

press.	prof	temp.	theta	salin	sigtheta	sigmaamm	gamprf	gapt	avsp	h-dyn	v(sound)	bva
								(*1e5)	(mdyn)		(cph)	
3.	3.0	30.123	30.122	34.296	21.159	21.156	27.339	21.169	662.1	0.000	1545.2	0.00
10.	9.9	30.118	30.115	34.294	21.160	21.157	27.340	21.200	662.3	0.046	1545.3	0.62
20.	19.9	30.118	30.113	34.294	21.161	21.157	27.341	21.242	662.8	0.113	1545.5	1.75
30.	29.8	30.085	30.078	34.276	21.160	21.155	27.340	21.283	663.4	0.179	1545.5	0.00
40.	39.8	29.547	29.537	34.325	21.379	21.374	27.569	21.545	642.8	0.244	1544.6	8.78
50.	49.7	28.139	28.127	34.339	21.859	21.853	28.072	22.067	597.3	0.306	1541.8	6.69
60.	59.7	27.055	27.041	34.311	22.188	22.181	28.421	22.439	566.2	0.364	1539.5	10.32
70.	69.6	26.236	26.221	34.312	22.447	22.440	28.696	22.742	541.7	0.420	1537.8	12.86
80.	79.5	24.923	24.906	34.392	22.912	22.905	29.186	23.250	497.6	0.472	1534.9	12.53
90.	89.5	23.021	23.003	34.402	23.481	23.474	29.792	23.864	443.5	0.520	1530.4	15.24
100.	99.4	21.423	21.403	34.447	23.964	23.958	30.310	24.392	397.6	0.562	1526.4	9.52
112.	111.3	19.960	19.939	34.503	24.400	24.393	30.778	24.882	356.4	0.607	1522.7	8.06
120.	119.3	19.443	19.422	34.519	24.547	24.540	30.937	25.065	342.6	0.635	1521.4	6.95
130.	129.2	18.930	18.907	34.538	24.693	24.686	31.095	25.255	329.0	0.668	1520.1	4.01
140.	139.2	18.487	18.462	34.554	24.817	24.810	31.230	25.423	317.5	0.701	1519.0	4.51
151.	150.1	17.730	17.704	34.554	25.004	24.997	31.436	25.660	299.9	0.735	1517.0	8.75
162.	161.0	17.268	17.241	34.566	25.125	25.118	31.568	25.830	288.6	0.767	1515.8	6.43
170.	169.0	16.928	16.900	34.568	25.207	25.200	31.659	25.949	281.0	0.790	1514.9	5.25
180.	178.9	16.523	16.494	34.572	25.306	25.298	31.768	26.092	271.9	0.817	1513.9	4.24
191.	189.8	16.259	16.229	34.574	25.368	25.360	31.837	26.203	266.2	0.847	1513.3	5.74
200.	198.8	15.799	15.768	34.570	25.470	25.462	31.952	26.346	256.7	0.871	1512.0	7.06
210.	208.7	15.461	15.429	34.582	25.556	25.548	32.046	26.477	248.7	0.896	1511.1	0.88
220.	218.7	15.062	15.029	34.583	25.645	25.636	32.146	26.611	240.5	0.920	1510.0	2.23
230.	228.6	14.612	14.578	34.580	25.740	25.732	32.254	26.753	231.5	0.944	1508.8	2.14
240.	238.5	14.458	14.423	34.581	25.775	25.766	32.292	26.831	228.5	0.966	1508.4	2.84
250.	248.4	14.130	14.093	34.579	25.843	25.835	32.370	26.945	222.2	0.989	1507.5	4.71
260.	258.4	13.991	13.954	34.575	25.869	25.860	32.400	27.016	220.0	1.011	1507.2	1.64
270.	268.3	13.854	13.816	34.572	25.896	25.887	32.430	27.087	217.7	1.033	1507.0	5.10
280.	278.2	13.525	13.486	34.569	25.961	25.952	32.505	27.199	211.6	1.054	1506.0	1.75
290.	288.2	13.287	13.247	34.565	26.007	25.998	32.558	27.290	207.4	1.075	1505.4	2.48
301.	299.1	12.939	12.898	34.560	26.073	26.064	32.634	27.407	201.2	1.098	1504.4	7.11
320.	318.0	12.367	12.324	34.559	26.185	26.176	32.763	27.606	190.9	1.135	1502.8	6.34
340.	337.8	11.514	11.471	34.549	26.339	26.330	32.943	27.855	176.2	1.172	1500.2	7.45
360.	357.7	10.935	10.891	34.556	26.450	26.441	33.072	28.059	165.8	1.206	1498.5	2.55
380.	377.5	10.211	10.166	34.566	26.585	26.577	33.230	28.289	152.9	1.237	1496.3	2.14
400.	397.4	9.732	9.686	34.561	26.662	26.654	33.322	28.460	145.7	1.267	1494.9	3.96
420.	417.2	9.282	9.235	34.569	26.743	26.735	33.418	28.635	138.1	1.295	1493.6	2.90
440.	437.1	8.948	8.900	34.575	26.802	26.794	33.487	28.786	132.7	1.322	1492.7	0.87
460.	456.9	8.592	8.543	34.570	26.854	26.846	33.552	28.932	127.8	1.348	1491.7	1.96
480.	476.8	8.245	8.194	34.563	26.902	26.894	33.611	29.073	123.3	1.373	1490.8	2.47
500.	496.6	8.154	8.102	34.563	26.916	26.908	33.628	29.178	122.3	1.398	1490.7	3.33
524.	520.4	7.720	7.667	34.573	26.988	26.980	33.715	29.363	115.5	1.426	1489.5	3.06
540.	536.3	7.533	7.479	34.576	27.018	27.010	33.751	29.468	112.7	1.445	1489.1	1.52
560.	556.1	7.391	7.336	34.578	27.039	27.031	33.778	29.581	110.9	1.467	1488.8	1.24
580.	575.9	7.225	7.168	34.583	27.067	27.059	33.812	29.702	108.3	1.489	1488.5	1.52
600.	595.8	7.143	7.085	34.580	27.077	27.068	33.824	29.803	107.7	1.511	1488.6	1.07
620.	615.6	6.946	6.887	34.585	27.107	27.099	33.862	29.927	104.8	1.532	1488.1	1.86
640.	635.4	6.731	6.670	34.584	27.136	27.128	33.898	30.049	102.1	1.553	1487.6	0.62
662.	657.2	6.403	6.342	34.583	27.179	27.171	33.953	30.197	97.9	1.574	1486.7	2.47
681.	676.1	6.313	6.251	34.585	27.193	27.185	33.970	30.298	96.8	1.593	1486.7	2.23
700.	694.9	6.252	6.188	34.583	27.200	27.191	33.979	30.392	96.3	1.611	1486.7	0.00
750.	744.5	6.113	6.046	34.587	27.221	27.212	34.005	30.641	94.9	1.659	1487.0	1.07
800.	794.0	5.962	5.890	34.591	27.243	27.234	34.033	30.893	93.2	1.707	1487.2	2.62
850.	843.5	5.590	5.516	34.592	27.291	27.282	34.095	31.175	88.6	1.752	1486.6	1.75
900.	893.0	5.408	5.331	34.595	27.316	27.306	34.126	31.430	86.6	1.795	1486.7	0.00
948.	940.5	5.294	5.213	34.596	27.330	27.321	34.146	31.745	84.5	1.837	1487.0	1.36
1000.	992.0	5.031	4.948	34.599	27.364	27.354	34.189	31.939	82.5	1.880	1486.8	0.00
1050.	1041.5	4.946	4.858	34.599	27.373	27.363	34.202	32.177	81.9	1.921	1487.3	0.00
fin	1060.	1051.4	4.890	4.802	34.602	27.382	27.372	34.213	0.000	1.9*****	0.6	

Mean vertical sound speed between 3. et 1060. dbar : 1498.6 m/s  
Reference pressure for gamprf : 1500. dbar

JADE 95 Station 43 - (25 Nov 95)





## STATION 43

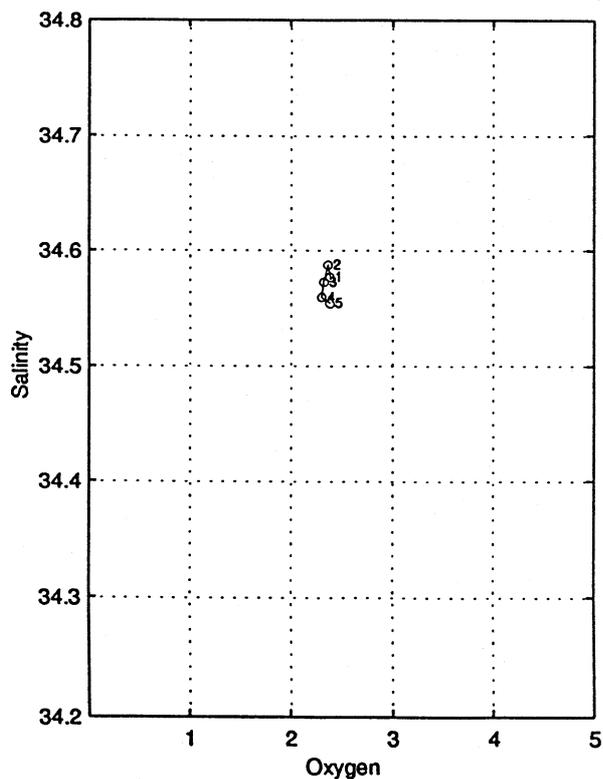
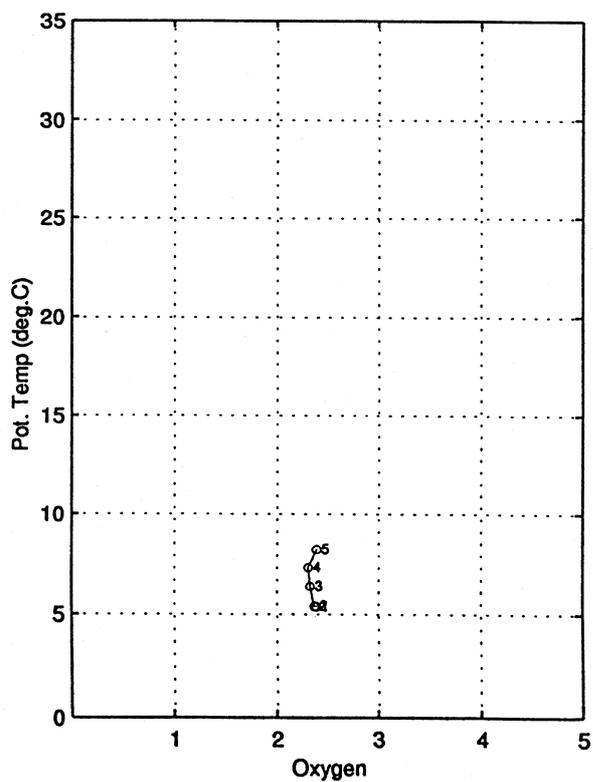
JADE 95

### Oxygen Profile

Bathysonde : Guildline INSU-Brest

Area : South Banda & Timor Sea - Indonesia

Cruise name : JADE95 - R/V Baruna Jaya I





98/10/14  
12:15:31

listacor\_44

1

JADE 95

station : 44.00

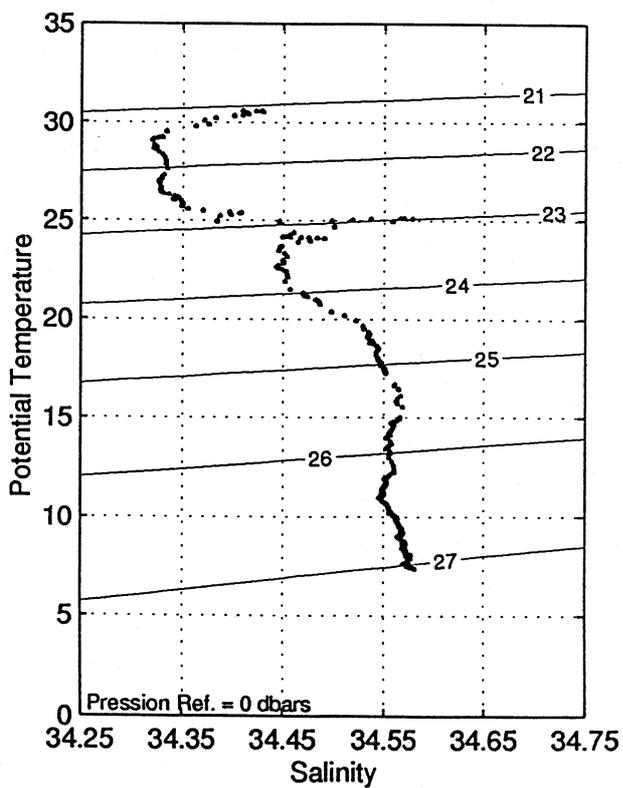
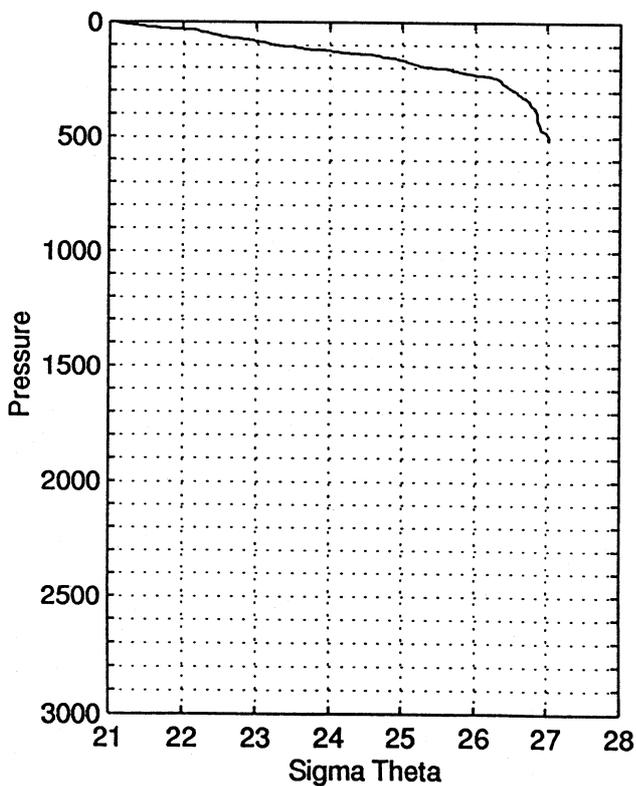
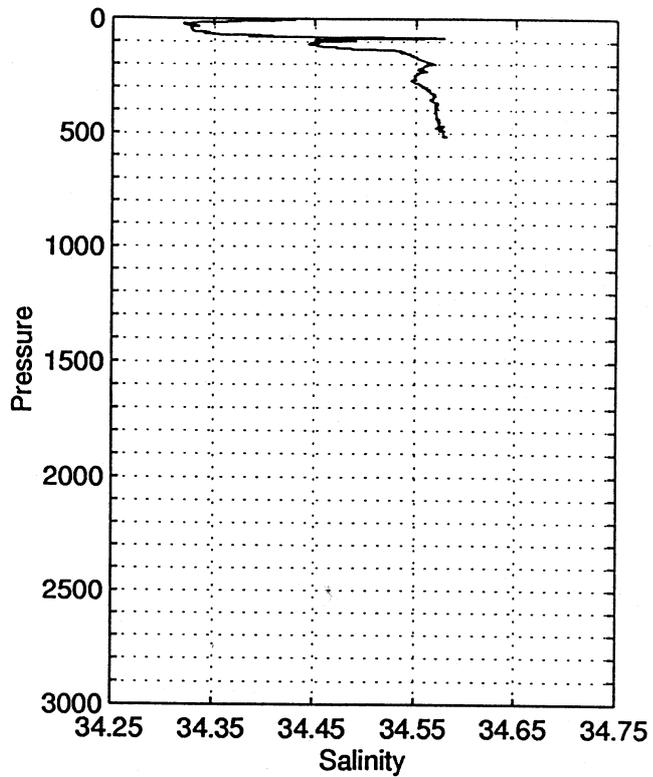
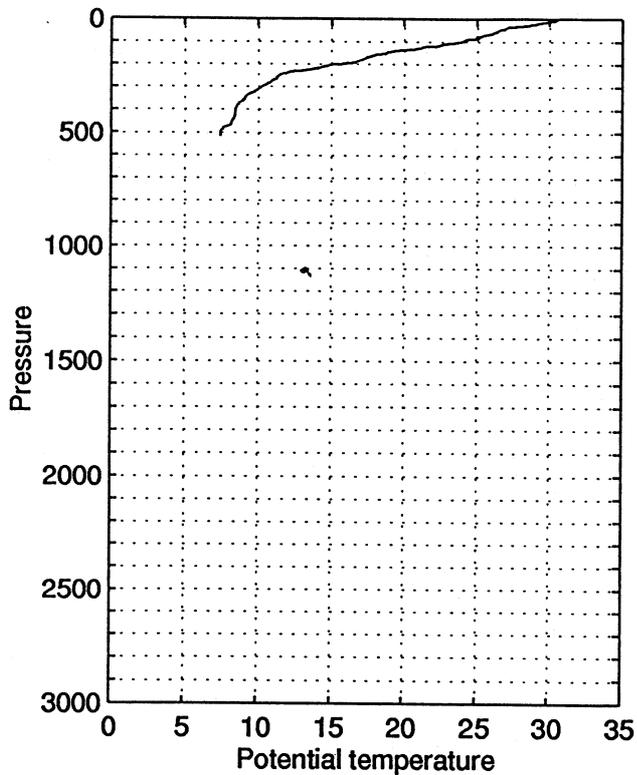
data reduction: 1 dbar

le 26/11/1995 a 9.30 tu -9.3496 127.5185 depth : 623 m ( 627.dbar)

press.	prof	temp.	theta	salin	sigtheta	sigmaammat	gamprf	gapts	avsp	h-dyn	v(sound)	bva
									(*1e5)	(mdyn)	(cph)	
0.	0.0	30.596	30.596	34.409	21.081	21.079	27.253	21.079	669.4	0.000	1546.2	0.00
10.	9.9	30.229	30.227	34.382	21.188	21.185	27.366	21.228	659.7	0.067	1545.6	8.82
20.	19.9	29.199	29.194	34.325	21.495	21.491	27.690	21.576	630.7	0.131	1543.6	4.02
30.	29.8	28.227	28.220	34.332	21.823	21.818	28.035	21.947	599.8	0.192	1541.6	12.10
40.	39.8	26.964	26.955	34.327	22.228	22.223	28.462	22.394	561.4	0.250	1539.0	4.82
50.	49.7	26.531	26.520	34.328	22.366	22.360	28.609	22.575	548.6	0.305	1538.1	5.00
60.	59.7	26.174	26.161	34.344	22.490	22.484	28.740	22.742	537.1	0.360	1537.5	5.44
70.	69.6	25.505	25.490	34.370	22.717	22.711	28.979	23.012	515.8	0.413	1536.1	10.86
80.	79.5	25.055	25.038	34.518	22.967	22.960	29.237	23.305	492.4	0.463	1535.4	2.48
91.	90.5	24.194	24.174	34.450	23.175	23.167	29.462	23.560	472.9	0.516	1533.4	6.61
100.	99.4	23.934	23.913	34.465	23.263	23.256	29.556	23.688	464.8	0.559	1532.9	5.37
110.	109.4	22.862	22.840	34.450	23.564	23.556	29.879	24.033	436.4	0.604	1530.3	7.51
120.	119.3	21.954	21.931	34.452	23.822	23.814	30.156	24.335	412.1	0.646	1528.1	13.66
130.	129.2	20.950	20.925	34.485	24.124	24.115	30.480	24.682	383.6	0.686	1525.7	8.33
140.	139.2	19.347	19.322	34.535	24.584	24.577	30.977	25.189	339.7	0.722	1521.5	12.84
150.	149.1	18.819	18.793	34.536	24.720	24.712	31.125	25.369	327.1	0.755	1520.1	4.29
160.	159.0	17.962	17.934	34.544	24.940	24.932	31.366	25.635	306.3	0.787	1517.8	7.73
170.	169.0	17.471	17.443	34.550	25.064	25.057	31.503	25.804	294.7	0.817	1516.5	4.15
175.	173.9	17.297	17.268	34.552	25.108	25.099	31.550	26.077	277.3	0.832	1516.1	5.57
190.	188.8	16.674	16.643	34.561	25.262	25.254	31.721	26.091	276.4	0.874	1514.5	5.67
200.	198.8	15.589	15.558	34.569	25.517	25.509	32.004	26.394	252.2	0.901	1511.3	11.73
210.	208.7	14.561	14.530	34.559	25.735	25.727	32.250	26.659	231.4	0.925	1508.2	8.82
220.	218.6	14.037	14.005	34.552	25.841	25.833	32.370	26.812	221.5	0.947	1506.7	2.48
230.	228.6	13.033	13.001	34.556	26.049	26.042	32.607	27.068	201.6	0.968	1503.6	10.70
240.	238.5	11.947	11.916	34.551	26.257	26.251	32.847	27.326	181.6	0.987	1500.1	4.99
251.	249.4	11.398	11.366	34.549	26.358	26.351	32.965	27.478	172.1	1.007	1498.4	4.44
260.	258.4	11.300	11.267	34.549	26.377	26.370	32.987	27.538	170.5	1.022	1498.2	3.22
270.	268.3	11.121	11.087	34.549	26.409	26.403	33.025	27.616	167.6	1.039	1497.7	5.10
281.	279.2	10.878	10.844	34.548	26.452	26.446	33.075	27.710	163.6	1.057	1497.0	3.17
290.	288.2	10.566	10.531	34.555	26.513	26.506	33.146	27.812	158.0	1.072	1496.1	4.46
300.	298.1	10.273	10.237	34.556	26.565	26.558	33.207	27.911	153.1	1.087	1495.2	2.62
320.	317.9	9.795	9.758	34.564	26.653	26.646	33.311	28.092	144.9	1.117	1493.8	3.33
340.	337.8	9.222	9.184	34.569	26.751	26.745	33.427	28.284	135.6	1.145	1492.1	1.64
360.	357.7	8.974	8.934	34.567	26.790	26.783	33.474	28.414	132.2	1.172	1491.5	3.39
381.	378.5	8.600	8.560	34.570	26.851	26.844	33.548	28.573	126.6	1.199	1490.5	3.84
400.	397.4	8.482	8.440	34.570	26.870	26.863	33.571	28.679	125.0	1.223	1490.3	1.07
421.	418.2	8.459	8.415	34.571	26.874	26.867	33.576	28.778	125.0	1.249	1490.6	0.00
440.	437.1	8.333	8.287	34.572	26.895	26.888	33.601	28.885	123.3	1.273	1490.4	0.62
460.	456.9	8.207	8.159	34.574	26.915	26.908	33.626	28.997	121.6	1.297	1490.3	1.75
480.	476.7	7.653	7.605	34.576	26.999	26.992	33.729	29.177	113.5	1.321	1488.5	4.59
500.	496.6	7.486	7.437	34.578	27.025	27.018	33.760	29.295	111.3	1.343	1488.2	1.52
fin	515.	511.5	7.425	7.374	34.582	27.037	27.029	33.774	0.000	1.4*****	4.1	

Mean vertical sound speed between 0. et 515. dbar : 1508.0 m/s  
Reference pressure for gamprf : 1500. dbar

JADE 95 Station 44 - (26 Nov 95)



# STATION 44

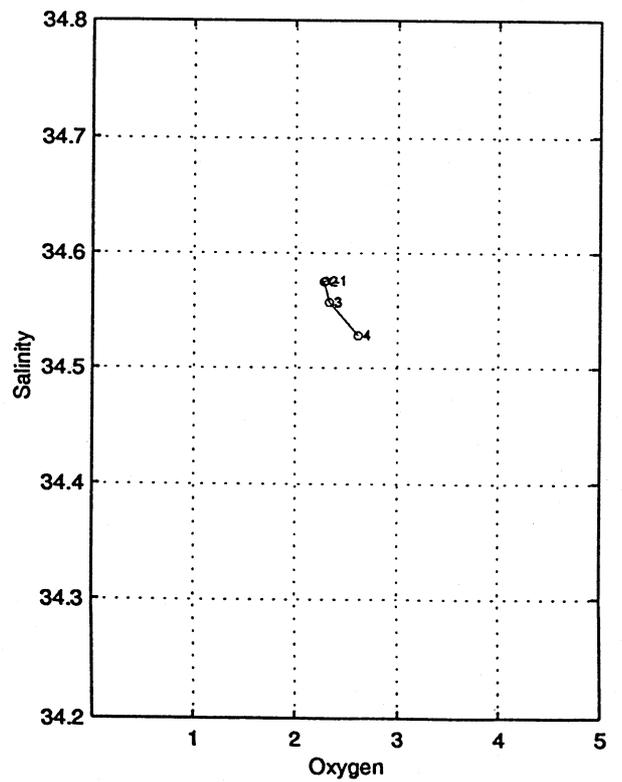
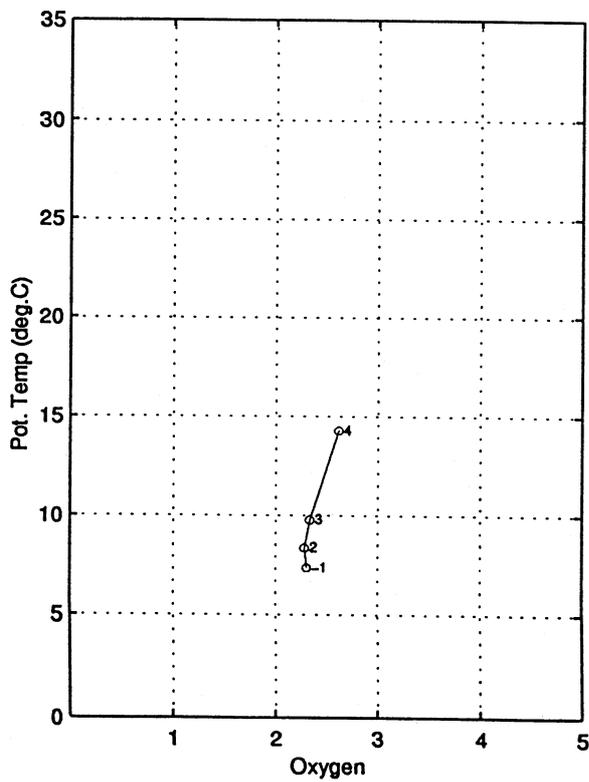
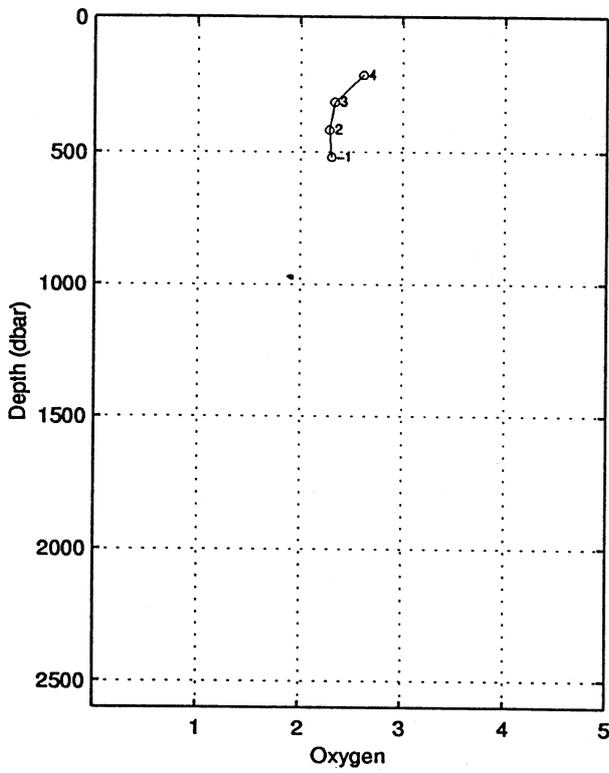
JADE 95

## Oxygen Profile

Bathysonde : Guildline INSU-Brest

Area : South Banda & Timor Sea - Indonesia

Cruise name : JADE95 - RV Baruna Jaya I



98/10/14  
12:15:32

listacor\_45

1

JADE 95

station : 45.00

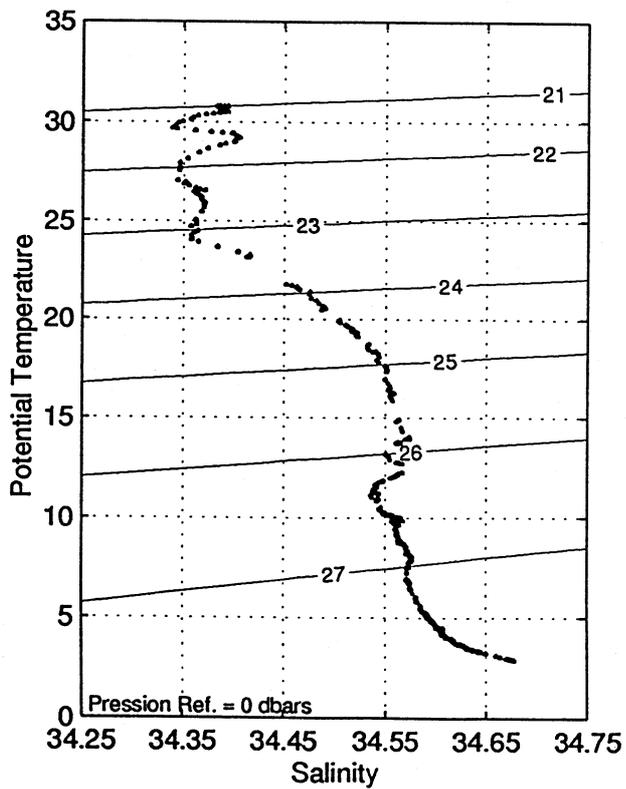
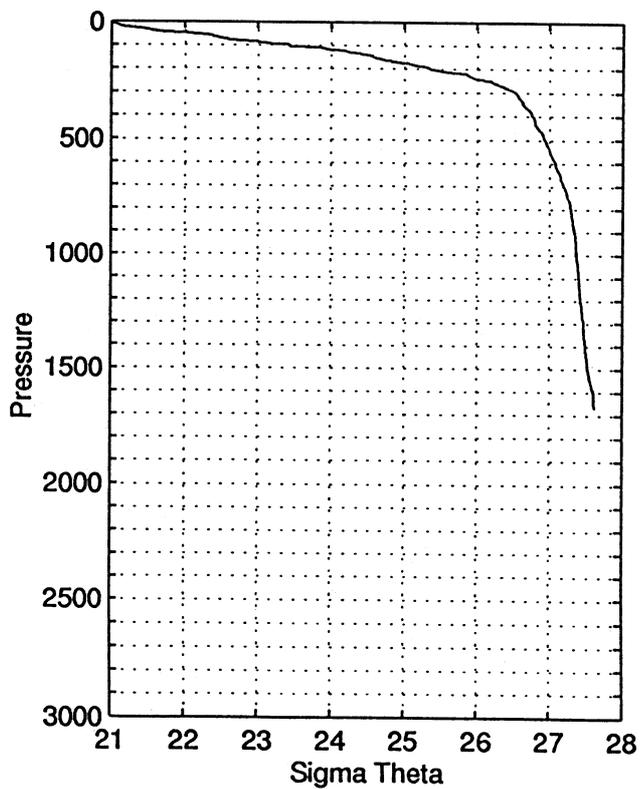
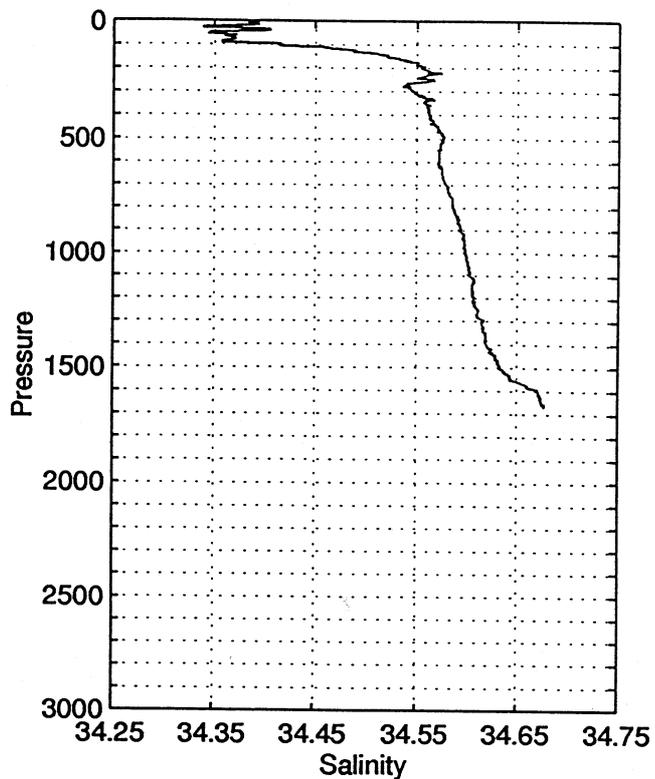
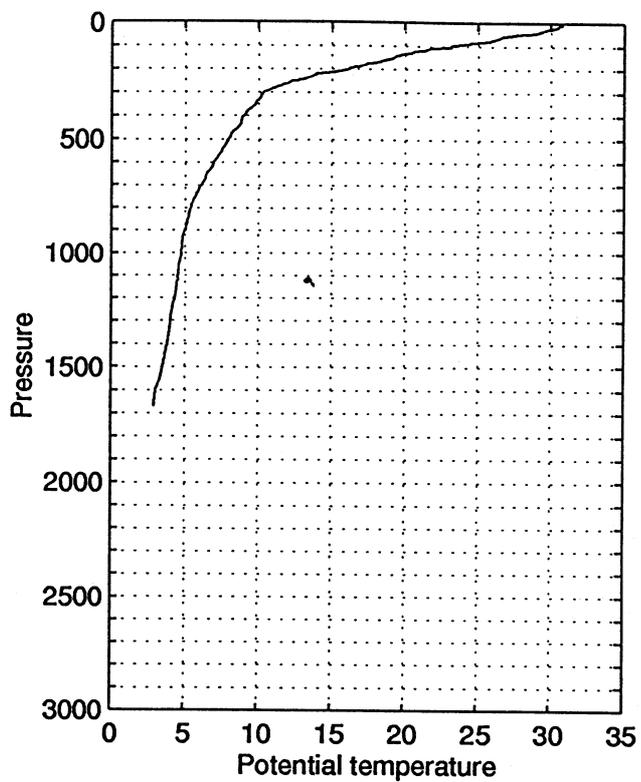
data reduction: 1 dbar

le 26/11/1995 a 11.48 tu -9.2283 127.4880 depth : 1766 m (1784.dbar)

press.	prof	temp.	theta	salin	sigtheta	sigma	gamprf	gapts	avsp	h-dyn	v(sound)	bva
								(*1e5)	(mdyn)		(cph)	
0.	0.0	30.801	30.800	34.382	20.991	20.988	27.159	20.988	678.1	0.000	1546.6	0.00
10.	9.9	30.623	30.620	34.388	21.057	21.054	27.228	21.096	672.3	0.068	1546.4	7.47
20.	19.9	30.322	30.317	34.364	21.143	21.139	27.319	21.224	664.5	0.135	1546.0	7.19
30.	29.8	29.525	29.518	34.377	21.425	21.420	27.614	21.548	638.0	0.200	1544.5	10.20
40.	39.8	29.035	29.026	34.401	21.608	21.602	27.805	21.774	620.9	0.263	1543.6	7.53
49.	48.7	27.595	27.584	34.346	22.040	22.034	28.263	22.423	564.5	0.317	1540.6	11.62
60.	59.7	26.595	26.581	34.371	22.379	22.373	28.620	22.630	547.8	0.379	1538.5	7.76
70.	69.6	26.177	26.161	34.367	22.508	22.501	28.757	22.802	535.9	0.433	1537.7	6.88
80.	79.5	25.499	25.482	34.368	22.718	22.711	28.980	23.056	516.2	0.486	1536.3	14.03
90.	89.5	24.169	24.150	34.358	23.113	23.106	29.401	23.494	478.8	0.535	1533.2	10.94
100.	99.4	23.196	23.176	34.413	23.439	23.432	29.747	23.865	447.9	0.582	1531.0	2.97
110.	109.4	21.776	21.755	34.452	23.871	23.864	30.209	24.342	406.9	0.625	1527.5	13.79
120.	119.3	21.090	21.067	34.477	24.079	24.071	30.432	24.594	387.5	0.665	1525.9	13.78
128.	127.2	20.493	20.469	34.487	24.248	24.240	30.614	24.980	357.4	0.695	1524.4	6.84
140.	139.2	19.639	19.614	34.513	24.492	24.484	30.878	25.096	348.6	0.738	1522.3	4.06
149.	148.1	19.323	19.297	34.520	24.580	24.572	30.973	25.268	337.6	0.769	1521.5	2.32
160.	159.0	18.750	18.722	34.533	24.736	24.728	31.143	25.428	326.0	0.806	1520.1	7.64
170.	169.0	18.259	18.230	34.542	24.866	24.858	31.285	25.603	313.8	0.838	1518.8	9.08
179.	177.9	17.377	17.348	34.551	25.088	25.079	31.528	25.988	284.4	0.865	1516.4	3.66
190.	188.8	16.577	16.546	34.555	25.280	25.272	31.741	26.110	274.6	0.896	1514.2	7.14
200.	198.8	16.210	16.178	34.555	25.365	25.357	31.836	26.240	266.8	0.923	1513.2	2.84
213.	211.7	14.962	14.930	34.564	25.652	25.644	32.156	26.588	239.5	0.956	1509.6	9.26
221.	219.6	13.996	13.964	34.574	25.866	25.859	32.397	26.842	219.1	0.975	1506.6	6.08
230.	228.6	13.765	13.733	34.561	25.904	25.897	32.442	26.920	215.6	0.994	1506.0	1.86
242.	240.5	13.225	13.192	34.550	26.007	25.999	32.560	27.078	206.0	1.020	1504.4	5.17
249.	247.4	12.762	12.728	34.567	26.112	26.105	32.678	27.319	187.7	1.034	1503.0	4.33
260.	258.4	12.040	12.006	34.555	26.243	26.236	32.830	27.400	183.6	1.054	1500.7	5.39
270.	268.3	11.573	11.538	34.540	26.319	26.312	32.921	27.524	176.3	1.072	1499.3	4.46
281.	279.2	11.090	11.055	34.537	26.405	26.398	33.022	27.661	168.2	1.091	1497.8	5.69
294.	292.1	10.591	10.556	34.546	26.501	26.495	33.134	27.818	159.1	1.113	1496.2	4.81
300.	298.1	10.389	10.353	34.547	26.538	26.531	33.177	27.883	155.7	1.122	1495.6	2.31
320.	318.0	10.174	10.136	34.558	26.584	26.577	33.229	28.020	151.7	1.153	1495.2	3.91
340.	337.8	9.892	9.853	34.557	26.632	26.625	33.286	28.159	147.4	1.182	1494.5	0.62
360.	357.7	9.649	9.608	34.561	26.675	26.668	33.338	28.295	143.5	1.212	1494.0	2.14
380.	377.5	9.225	9.183	34.562	26.746	26.739	33.422	28.458	137.0	1.240	1492.7	4.06
400.	397.4	9.052	9.008	34.564	26.776	26.768	33.458	28.579	134.4	1.267	1492.4	5.32
420.	417.2	8.876	8.830	34.564	26.804	26.797	33.492	28.699	132.0	1.294	1492.1	2.77
440.	437.1	8.760	8.713	34.569	26.826	26.819	33.518	28.813	130.2	1.320	1492.0	0.87
460.	456.9	8.453	8.405	34.572	26.877	26.869	33.579	28.956	125.5	1.346	1491.2	2.31
480.	476.7	8.198	8.148	34.575	26.918	26.910	33.629	29.090	121.8	1.370	1490.6	1.96
500.	496.6	7.993	7.941	34.577	26.951	26.943	33.668	29.215	118.8	1.394	1490.2	1.96
521.	517.4	7.843	7.790	34.574	26.970	26.962	33.693	29.331	117.2	1.419	1489.9	1.99
541.	537.3	7.615	7.561	34.574	27.004	26.996	33.735	29.458	114.1	1.442	1489.4	2.12
550.	546.2	7.559	7.504	34.572	27.011	27.003	33.744	29.653	110.3	1.452	1489.3	2.23
575.	571.0	7.305	7.249	34.572	27.047	27.039	33.789	29.804	106.2	1.480	1488.8	2.14
600.	595.8	6.997	6.940	34.572	27.090	27.082	33.843	29.818	106.2	1.507	1488.0	1.07
620.	615.6	6.896	6.837	34.573	27.105	27.097	33.861	29.925	105.0	1.529	1487.9	1.24
646.	641.4	6.564	6.504	34.576	27.152	27.144	33.920	30.095	100.5	1.555	1487.1	2.57
662.	657.2	6.460	6.399	34.576	27.166	27.158	33.938	30.183	99.2	1.571	1486.9	1.81
689.	684.0	6.267	6.205	34.578	27.193	27.185	33.972	30.335	96.8	1.598	1486.6	2.12
708.	702.8	6.065	6.002	34.582	27.222	27.214	34.008	30.454	94.0	1.616	1486.1	2.27
742.	736.5	5.835	5.770	34.583	27.252	27.244	34.047	30.759	88.6	1.647	1485.8	0.00
806.	799.9	5.409	5.340	34.587	27.308	27.300	34.119	30.996	86.1	1.704	1485.1	1.73
853.	846.5	5.253	5.181	34.593	27.332	27.323	34.148	31.236	84.2	1.744	1485.3	1.45
899.	892.0	5.120	5.045	34.592	27.347	27.338	34.168	31.485	82.3	1.782	1485.5	0.00
950.	942.5	4.912	4.834	34.598	27.376	27.367	34.205	31.728	80.5	1.824	1485.5	0.00
1000.	992.0	4.857	4.775	34.599	27.383	27.374	34.215	31.963	80.2	1.864	1486.1	1.51
1050.	1041.5	4.689	4.604	34.601	27.404	27.394	34.242	32.215	78.4	1.904	1486.2	0.00
1100.	1090.9	4.597	4.508	34.603	27.416	27.406	34.258	32.456	77.6	1.943	1486.7	1.24
1150.	1140.4	4.523	4.430	34.606	27.427	27.417	34.271	32.695	77.0	1.981	1487.2	1.24
1200.	1189.8	4.393	4.297	34.607	27.443	27.432	34.292	32.941	75.7	2.019	1487.5	1.07
1250.	1239.2	4.223	4.124	34.611	27.464	27.453	34.321	33.194	73.6	2.057	1487.7	0.00
1300.	1288.7	4.114	4.011	34.617	27.480	27.469	34.341	33.440	72.3	2.093	1488.0	1.24
1407.	1394.4	3.875	3.766	34.621	27.509	27.497	34.379	33.959	69.9	2.170	1488.8	1.19
1500.	1486.2	3.628	3.513	34.633	27.543	27.532	34.423	34.423	66.6	2.233	1489.4	0.00
1600.	1584.9	3.129	3.011	34.671	27.621	27.610	34.521	34.972	58.2	2.296	1489.0	1.24
fin	1668.	1652.0	3.054	2.931	34.676	27.633	27.622	34.536	0.000	2.3*****	0.0	

Mean vertical sound speed between 0. et 1668. dbar : 1494.2 m/s  
Reference pressure for gamprf : 1500. dbar

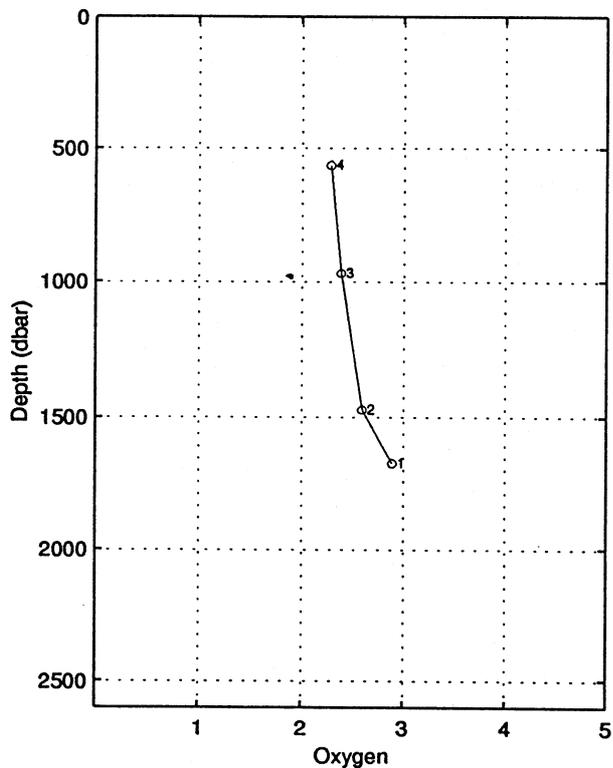
JADE 95 Station 45 - (26 Nov 95)



# STATION 45

JADE 95

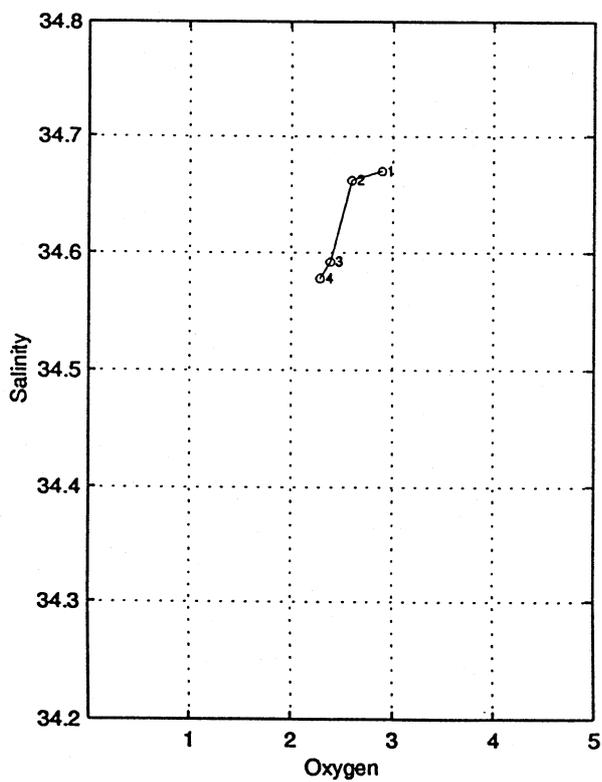
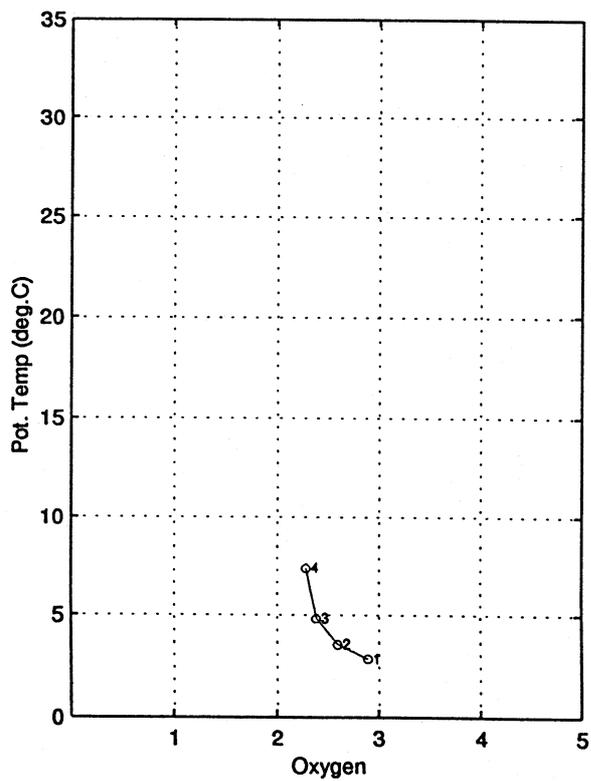
## Oxygen Profile



Bathysonde : Guildline INSU-Brest

Area : South Banda & Timor Sea - Indonesia

Cruise name : JADE95 - R/V Baruna Jaya I



98/10/14  
12:15:33

listacor\_46

1

JADE 95

station : 46.00

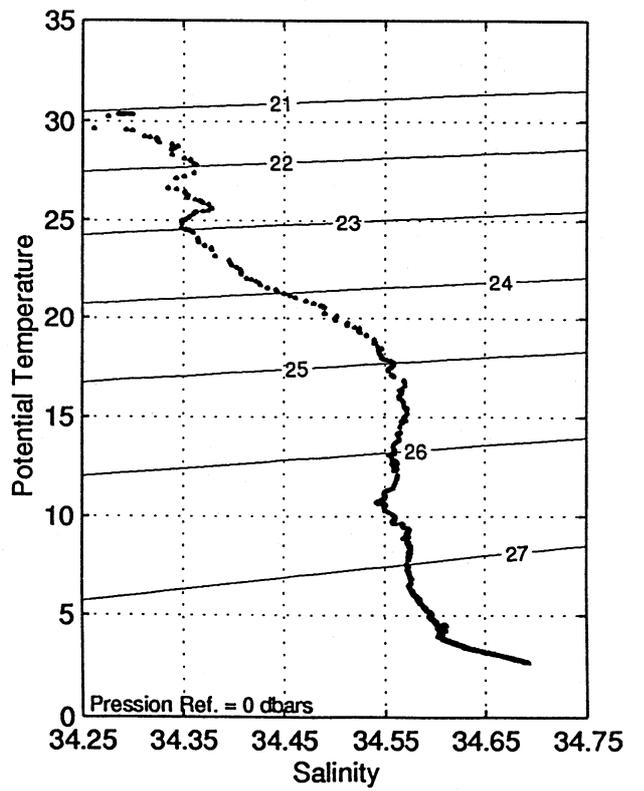
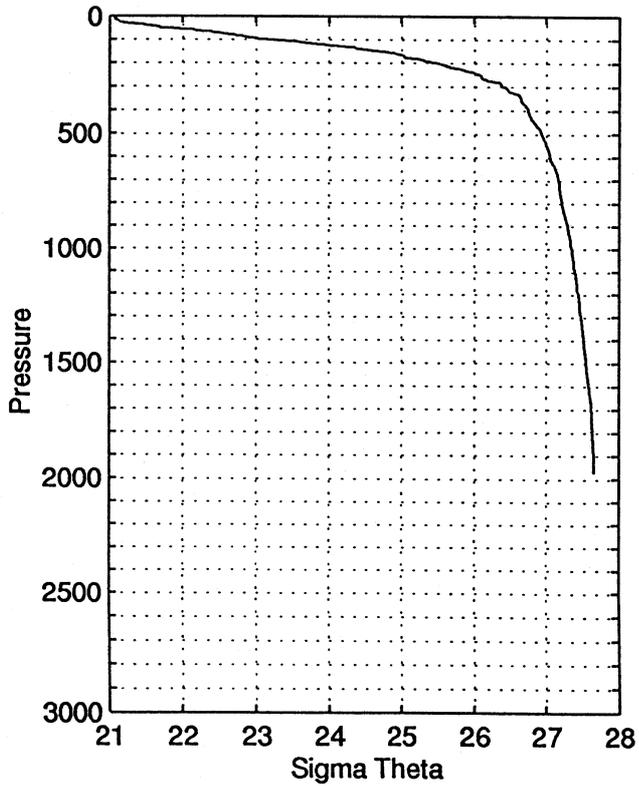
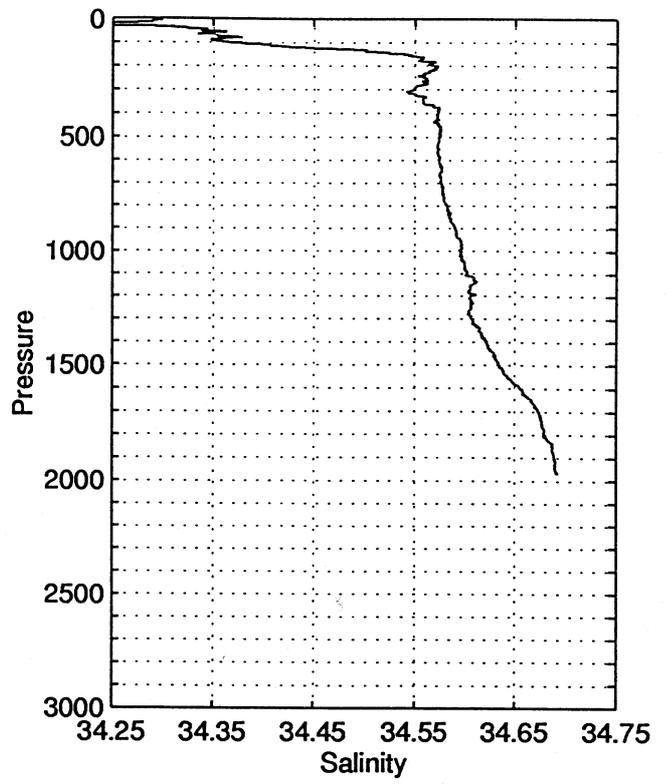
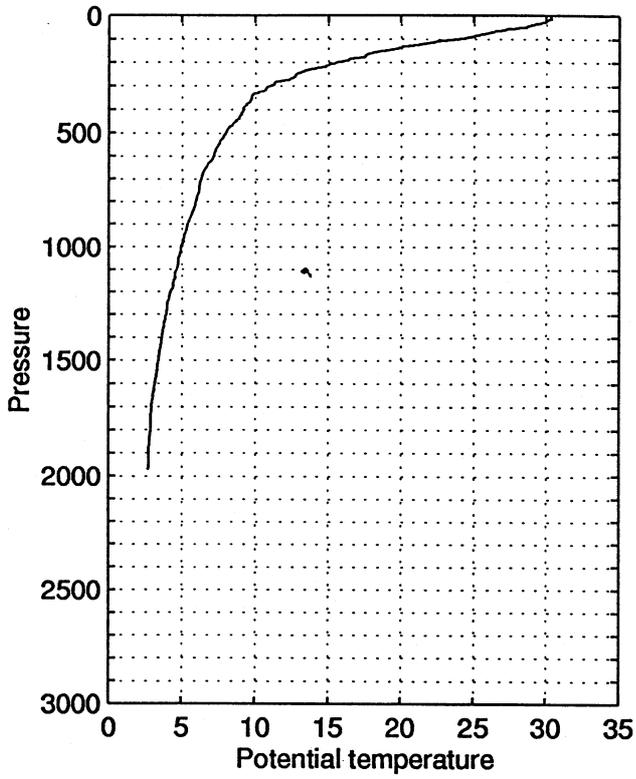
data reduction: 1 dbar

le 26/11/1995 a 17.05 tu -9.0980 127.4460 depth : 3115 m (3156.dbar)

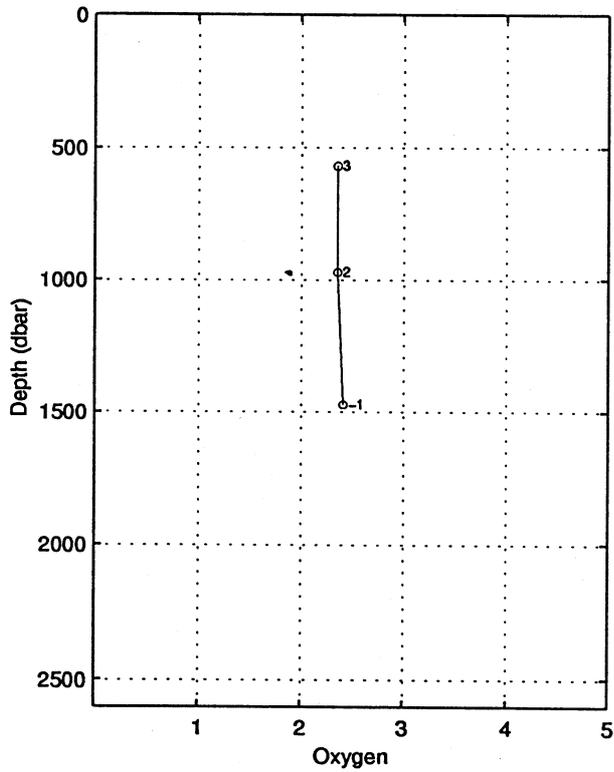
press.	prof	temp.	theta	salin	sigtheta	sigmaamat	gamprf	gapts	avsp	h-dyn	v(sound)	bva
								(*1e5)	(mdyn)		(cph)	
5.	5.0	30.352	30.351	34.299	21.083	21.081	27.260	21.102	669.5	0.000	1545.7	0.00
10.	9.9	30.353	30.351	34.292	21.078	21.074	27.254	21.117	670.3	0.033	1545.8	0.00
20.	19.9	30.096	30.091	34.229	21.120	21.115	27.300	21.201	666.7	0.100	1545.3	3.75
30.	29.8	29.720	29.713	34.241	21.257	21.252	27.444	21.380	654.0	0.167	1544.7	5.50
40.	39.8	29.069	29.059	34.324	21.539	21.533	27.736	21.705	627.5	0.231	1543.6	7.55
50.	49.7	28.353	28.341	34.339	21.788	21.782	27.998	21.996	604.0	0.292	1542.2	12.01
59.	58.7	27.173	27.160	34.343	22.174	22.167	28.405	22.594	553.1	0.345	1539.8	8.75
70.	69.6	26.304	26.289	34.354	22.458	22.451	28.705	22.752	540.7	0.406	1538.0	8.56
80.	79.5	25.494	25.477	34.369	22.721	22.713	28.983	23.058	516.0	0.458	1536.3	5.20
90.	89.5	24.859	24.839	34.349	22.899	22.892	29.174	23.280	499.3	0.509	1534.9	8.33
100.	99.4	23.928	23.907	34.365	23.190	23.182	29.483	23.614	471.8	0.558	1532.8	10.01
110.	109.4	22.587	22.565	34.403	23.607	23.599	29.928	24.076	432.3	0.603	1529.6	6.48
120.	119.3	21.582	21.559	34.433	23.911	23.903	30.253	24.425	403.5	0.645	1527.1	12.04
130.	129.2	20.604	20.580	34.490	24.220	24.212	30.584	24.779	374.3	0.684	1524.7	8.29
140.	139.2	19.792	19.766	34.513	24.453	24.445	30.835	25.056	352.4	0.720	1522.7	8.57
150.	149.1	18.817	18.790	34.541	24.724	24.716	31.130	25.373	326.7	0.754	1520.1	10.44
160.	159.0	17.968	17.941	34.549	24.942	24.934	31.368	25.637	306.1	0.786	1517.8	6.22
170.	169.0	17.562	17.534	34.556	25.047	25.039	31.483	25.786	296.4	0.816	1516.8	3.71
180.	178.9	17.154	17.125	34.557	25.145	25.137	31.592	25.929	287.3	0.845	1515.8	13.31
190.	188.8	16.401	16.371	34.564	25.328	25.320	31.794	26.158	270.0	0.873	1513.7	0.88
200.	198.8	15.550	15.519	34.570	25.526	25.519	32.014	26.403	251.2	0.899	1511.2	9.77
210.	208.7	15.080	15.048	34.569	25.630	25.622	32.131	26.553	241.6	0.923	1509.9	2.32
220.	218.6	14.766	14.733	34.567	25.697	25.689	32.206	26.665	235.4	0.947	1509.1	6.67
230.	228.6	13.854	13.821	34.563	25.888	25.880	32.422	26.903	217.2	0.970	1506.3	6.72
240.	238.5	13.228	13.194	34.560	26.013	26.006	32.566	27.076	205.3	0.991	1504.4	3.81
250.	248.4	12.829	12.795	34.559	26.093	26.086	32.657	27.202	197.9	1.011	1503.2	6.06
260.	258.4	12.750	12.715	34.561	26.110	26.102	32.677	27.263	196.5	1.031	1503.1	2.14
270.	268.3	12.413	12.377	34.561	26.176	26.168	32.752	27.375	190.4	1.050	1502.2	2.70
280.	278.2	11.658	11.622	34.560	26.319	26.312	32.918	27.567	176.7	1.069	1499.7	9.03
290.	288.2	11.314	11.277	34.550	26.375	26.368	32.985	27.670	171.4	1.086	1498.7	2.05
300.	298.1	10.992	10.955	34.550	26.434	26.427	33.053	27.775	165.9	1.103	1497.7	7.65
320.	318.0	10.632	10.594	34.551	26.499	26.492	33.130	27.932	160.0	1.136	1496.8	4.95
340.	337.8	9.827	9.788	34.558	26.643	26.636	33.299	28.171	146.3	1.166	1494.3	2.77
360.	357.7	9.715	9.674	34.559	26.663	26.656	33.323	28.282	144.8	1.195	1494.2	2.14
380.	377.5	9.425	9.383	34.575	26.724	26.716	33.393	28.434	139.2	1.223	1493.5	2.77
400.	397.4	9.216	9.172	34.573	26.757	26.749	33.433	28.559	136.4	1.251	1493.1	0.00
420.	417.2	9.109	9.063	34.572	26.773	26.765	33.453	28.666	135.1	1.278	1493.0	0.87
441.	438.1	8.838	8.791	34.574	26.818	26.810	33.507	28.808	131.1	1.306	1492.3	4.48
460.	456.9	8.543	8.494	34.575	26.865	26.857	33.564	28.943	126.7	1.330	1491.6	2.14
480.	476.7	8.198	8.148	34.576	26.919	26.911	33.630	29.091	121.7	1.355	1490.6	2.62
500.	496.6	8.024	7.972	34.576	26.945	26.937	33.661	29.209	119.4	1.379	1490.3	2.40
518.	514.4	7.875	7.823	34.574	26.966	26.958	33.688	29.425	114.6	1.401	1490.0	1.07
540.	536.3	7.636	7.582	34.573	27.000	26.992	33.730	29.449	114.5	1.426	1489.4	0.00
559.	555.1	7.489	7.433	34.573	27.022	27.013	33.757	29.588	111.6	1.448	1489.2	1.75
582.	577.9	7.296	7.239	34.574	27.050	27.041	33.792	29.693	110.1	1.473	1488.8	2.42
600.	595.8	7.242	7.184	34.574	27.058	27.050	33.802	29.783	109.5	1.493	1488.9	1.24
620.	615.6	7.054	6.995	34.575	27.085	27.077	33.836	29.903	107.1	1.515	1488.5	1.64
644.	639.4	6.767	6.707	34.577	27.126	27.117	33.886	30.056	103.2	1.540	1487.8	1.98
661.	656.2	6.588	6.527	34.575	27.149	27.140	33.916	30.159	101.1	1.557	1487.4	2.27
680.	675.1	6.473	6.410	34.576	27.164	27.156	33.936	30.262	99.7	1.576	1487.3	0.00
699.	693.9	6.392	6.328	34.576	27.176	27.167	33.950	30.385	98.3	1.595	1487.3	0.00
750.	744.4	6.256	6.188	34.578	27.196	27.187	33.975	30.614	97.5	1.645	1487.6	0.00
800.	794.0	6.028	5.956	34.582	27.229	27.219	34.016	30.877	94.7	1.693	1487.5	1.52
850.	843.5	5.778	5.703	34.585	27.262	27.253	34.059	31.142	91.7	1.740	1487.3	1.38
900.	893.0	5.468	5.390	34.590	27.305	27.295	34.113	31.417	87.8	1.785	1486.9	0.87
950.	942.5	5.252	5.171	34.596	27.335	27.325	34.152	31.679	85.1	1.828	1486.9	1.64
1001.	993.0	5.014	4.931	34.597	27.364	27.354	34.189	31.944	82.5	1.871	1486.8	2.43
1050.	1041.5	4.870	4.783	34.601	27.384	27.374	34.215	32.190	80.8	1.911	1487.0	1.24
1103.	1093.9	4.695	4.605	34.603	27.406	27.395	34.244	32.456	78.9	1.954	1487.2	1.65
1150.	1140.4	4.536	4.443	34.606	27.426	27.415	34.270	32.694	77.1	1.990	1487.3	0.00
1200.	1189.8	4.312	4.216	34.607	27.451	27.440	34.304	32.951	74.7	2.029	1487.2	0.00
1250.	1239.2	4.122	4.023	34.607	27.471	27.461	34.332	33.204	72.6	2.065	1487.2	1.38
1298.	1286.7	4.045	3.943	34.607	27.480	27.469	34.343	33.470	71.2	2.100	1487.7	0.00
1400.	1387.5	3.747	3.639	34.622	27.522	27.511	34.397	33.946	68.1	2.171	1488.2	1.38
1500.	1486.2	3.514	3.400	34.635	27.556	27.545	34.441	34.441	65.0	2.238	1488.9	1.24
1600.	1584.9	3.280	3.160	34.656	27.596	27.584	34.489	34.940	61.2	2.301	1489.6	1.64
1700.	1683.6	3.075	2.949	34.674	27.630	27.618	34.532	35.434	58.0	2.361	1490.4	1.38
1800.	1782.2	3.016	2.881	34.679	27.640	27.627	34.544	35.897	57.5	2.418	1491.8	0.00
1900.	1880.8	2.889	2.748	34.690	27.660	27.648	34.570	36.374	55.7	2.475	1493.0	0.00
fin 1970.	1949.7	2.873	2.726	34.693	27.665	27.651	34.576	0.000	2.5*****	1.4		

Mean vertical sound speed between 5. et 1970. dbar : 1494.2 m/s  
Reference pressure for gamprf : 1500. dbar

JADE 95 Station 46 - (26 Nov 95)







# STATION 46

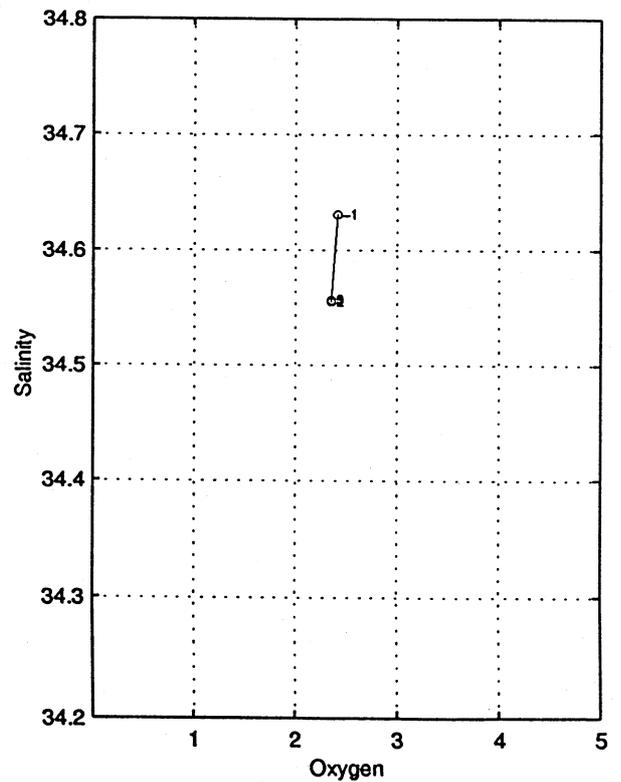
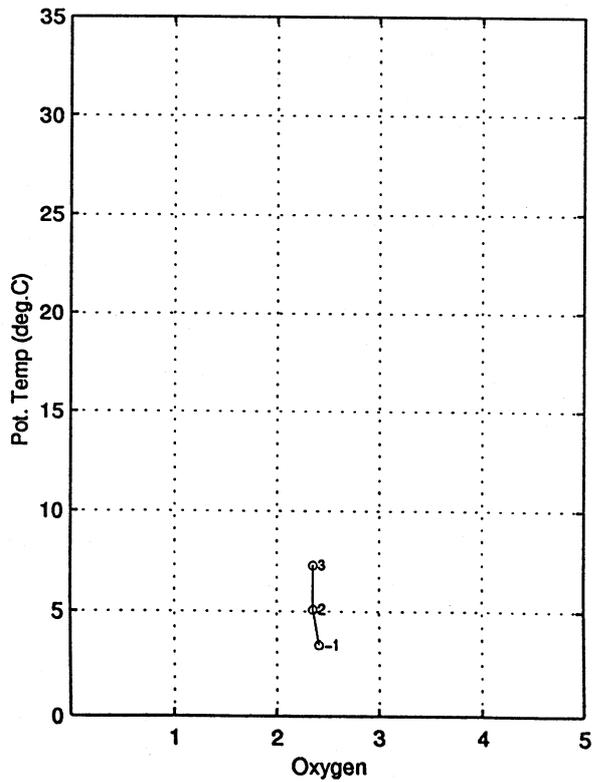
JADE 95

## Oxygen Profile

Bathysonde : Guildline INSU-Brest

Area : South Banda & Timor Sea - Indonesia

Cruise name : JADE95 - R/V Baruna Jaya I



98/10/14  
12:15:33

listacor\_47

1

JADE 95

station : 47.00

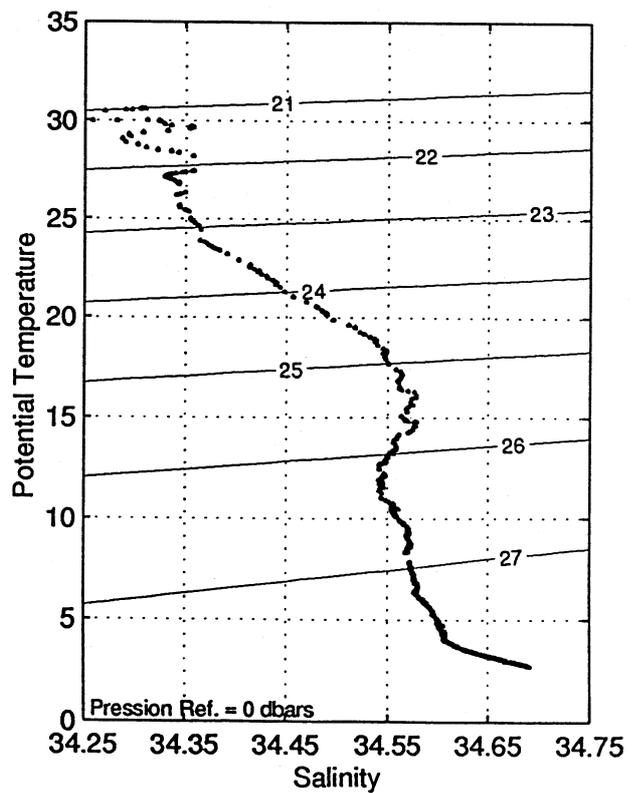
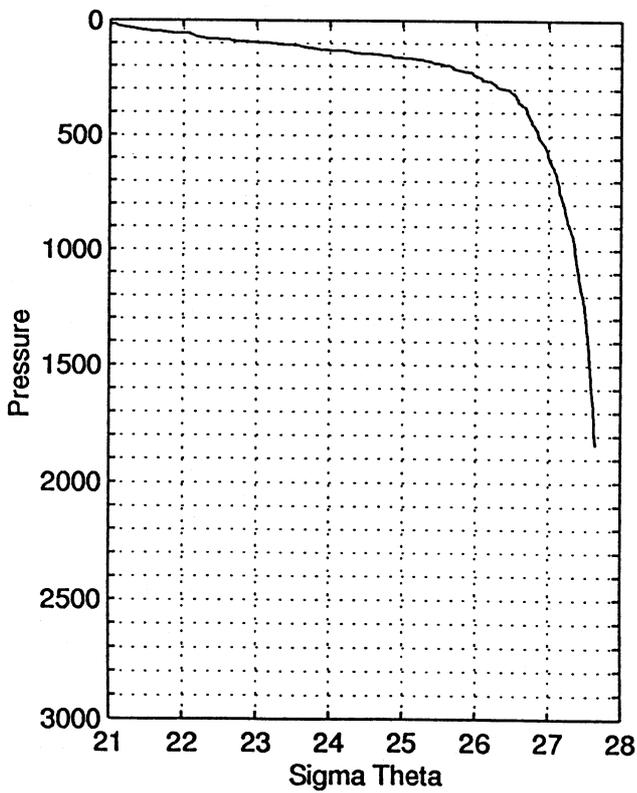
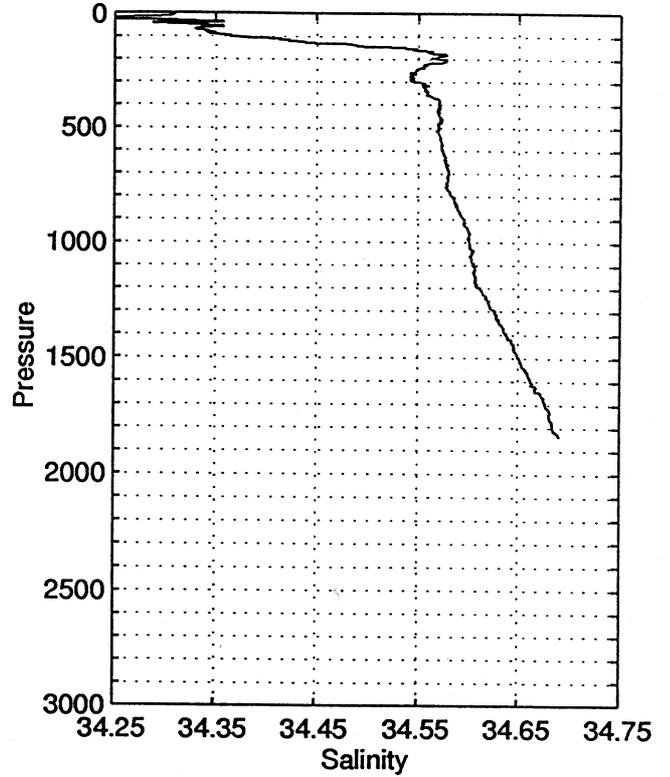
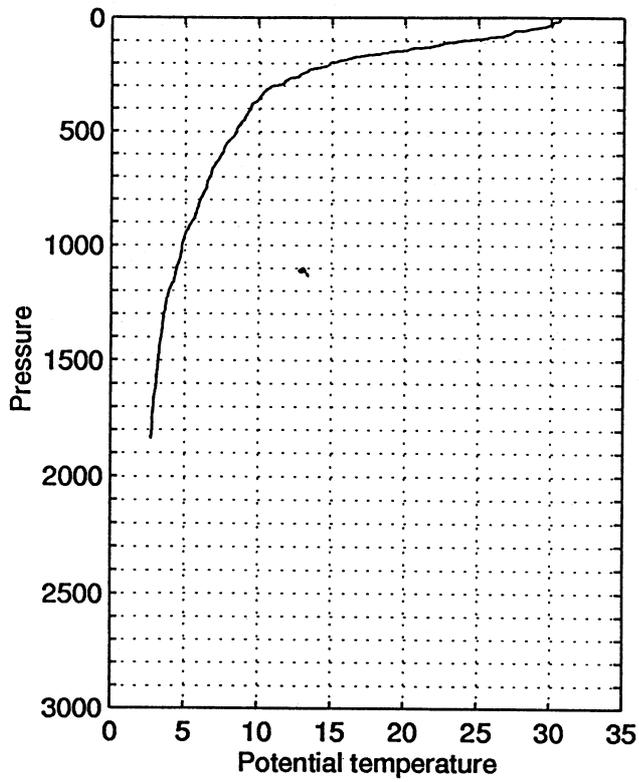
data reduction: 1 dbar

le 26/11/1995 a 19.30 tu -8.5236 127.3968 depth : 1929 m (1949.dbar)

press.	prof	temp.	theta	salin	sigtheta	sigmaamm	gamprf	gapt	avsp	h-dyn	v(sound)	bva
								(*1e5)	(mdyn)		(cph)	
1.	1.0	30.620	30.620	34.311	20.999	20.997	27.171	21.001	677.3	0.000	1546.2	0.00
10.	9.9	30.607	30.604	34.307	21.002	20.998	27.174	21.041	677.5	0.061	1546.3	0.00
20.	19.9	30.137	30.132	34.217	21.097	21.093	27.277	21.178	668.9	0.128	1545.4	3.90
30.	29.8	30.027	30.019	34.312	21.207	21.202	27.388	21.330	658.9	0.195	1545.5	7.15
40.	39.8	29.404	29.394	34.308	21.415	21.409	27.607	21.581	639.4	0.260	1544.3	7.21
50.	49.7	28.479	28.468	34.336	21.745	21.738	27.952	21.952	608.2	0.322	1542.5	10.00
60.	59.7	27.415	27.401	34.350	22.102	22.095	28.328	22.353	574.4	0.381	1540.3	6.31
70.	69.6	27.151	27.135	34.331	22.173	22.166	28.404	22.466	568.1	0.438	1539.9	5.51
81.	80.5	26.370	26.352	34.349	22.435	22.427	28.681	22.775	543.5	0.500	1538.3	14.40
90.	89.5	25.481	25.461	34.349	22.711	22.703	28.973	23.091	517.3	0.548	1536.4	11.91
100.	99.4	23.843	23.822	34.368	23.217	23.209	29.512	23.642	469.2	0.597	1532.6	8.41
110.	109.4	22.677	22.655	34.414	23.590	23.582	29.909	24.059	433.9	0.642	1529.8	5.29
120.	119.3	22.134	22.110	34.430	23.756	23.747	30.086	24.268	418.4	0.685	1528.6	9.50
130.	129.2	21.333	21.308	34.448	23.991	23.983	30.339	24.548	396.2	0.726	1526.7	14.61
140.	139.2	20.200	20.174	34.489	24.328	24.320	30.701	24.930	364.4	0.763	1523.8	4.15
150.	149.1	18.927	18.900	34.538	24.695	24.687	31.097	25.343	329.5	0.798	1520.4	5.71
160.	159.0	18.066	18.038	34.547	24.917	24.909	31.340	25.611	308.6	0.830	1518.1	12.17
170.	169.0	16.828	16.800	34.561	25.225	25.218	31.680	25.967	279.3	0.859	1514.6	7.58
180.	178.9	16.114	16.085	34.578	25.405	25.397	31.877	26.192	262.4	0.886	1512.6	5.71
190.	188.8	15.426	15.397	34.569	25.553	25.546	32.044	26.386	248.4	0.912	1510.7	6.87
200.	198.8	14.858	14.828	34.576	25.684	25.676	32.190	26.563	236.1	0.936	1509.0	5.64
210.	208.7	14.734	14.703	34.577	25.711	25.704	32.221	26.635	233.7	0.959	1508.8	5.03
220.	218.6	14.048	14.016	34.559	25.844	25.836	32.373	26.814	221.2	0.982	1506.8	7.43
230.	228.6	13.445	13.413	34.555	25.966	25.958	32.512	26.983	209.7	1.003	1504.9	2.05
240.	238.5	13.216	13.182	34.551	26.009	26.001	32.562	27.071	205.8	1.024	1504.3	5.43
250.	248.4	12.859	12.825	34.548	26.078	26.071	32.642	27.187	199.3	1.045	1503.3	2.97
260.	258.4	12.737	12.702	34.542	26.098	26.090	32.665	27.251	197.7	1.064	1503.1	4.38
270.	268.3	12.059	12.023	34.543	26.230	26.223	32.817	27.432	185.0	1.083	1500.9	3.03
281.	279.2	11.818	11.782	34.546	26.278	26.271	32.872	27.530	180.7	1.103	1500.3	1.07
290.	288.2	11.685	11.647	34.544	26.302	26.294	32.901	27.595	178.6	1.120	1500.0	4.33
300.	298.1	10.966	10.929	34.549	26.437	26.430	33.058	27.779	165.5	1.137	1497.7	7.19
320.	318.0	10.496	10.457	34.554	26.525	26.518	33.160	27.959	157.4	1.169	1496.3	2.55
340.	337.8	10.203	10.163	34.559	26.580	26.573	33.225	28.106	152.5	1.200	1495.6	3.91
360.	357.7	9.985	9.943	34.562	26.620	26.612	33.271	28.236	149.1	1.230	1495.2	3.27
380.	377.5	9.584	9.541	34.570	26.694	26.687	33.359	28.403	142.2	1.259	1494.1	1.96
400.	397.4	9.488	9.443	34.570	26.710	26.702	33.377	28.509	141.0	1.288	1494.0	2.40
420.	417.2	9.282	9.235	34.569	26.743	26.735	33.418	28.635	138.1	1.316	1493.6	3.44
440.	437.1	9.106	9.057	34.570	26.773	26.765	33.453	28.755	135.6	1.343	1493.3	1.52
460.	456.9	8.874	8.824	34.572	26.812	26.803	33.500	28.886	132.1	1.370	1492.8	1.64
480.	476.7	8.635	8.583	34.573	26.850	26.842	33.546	29.017	128.6	1.396	1492.2	1.96
500.	496.6	8.548	8.494	34.570	26.861	26.852	33.560	29.119	127.9	1.421	1492.2	0.00
516.	512.5	8.401	8.347	34.569	26.883	26.874	33.587	29.437	118.7	1.442	1491.9	1.64
565.	561.1	7.747	7.689	34.573	26.985	26.976	33.711	29.545	116.5	1.501	1490.3	2.34
580.	575.9	7.676	7.618	34.573	26.995	26.986	33.724	29.624	115.7	1.518	1490.3	1.07
600.	595.8	7.551	7.491	34.575	27.015	27.006	33.748	29.735	114.1	1.541	1490.1	1.86
620.	615.6	7.347	7.286	34.576	27.045	27.036	33.785	29.859	111.3	1.564	1489.7	0.87
640.	635.4	7.115	7.053	34.578	27.079	27.070	33.828	29.986	108.1	1.586	1489.1	4.67
660.	655.2	6.934	6.871	34.578	27.105	27.096	33.860	30.105	105.7	1.607	1488.7	1.52
680.	675.1	6.845	6.780	34.579	27.118	27.109	33.876	30.210	104.7	1.628	1488.7	1.07
700.	694.9	6.728	6.662	34.580	27.135	27.125	33.897	30.319	103.2	1.649	1488.6	1.75
751.	745.4	6.485	6.415	34.580	27.167	27.158	33.938	30.586	100.6	1.701	1488.5	2.18
800.	794.0	6.110	6.037	34.583	27.219	27.209	34.004	30.866	95.7	1.749	1487.8	1.86
850.	843.5	5.864	5.788	34.589	27.255	27.245	34.049	31.133	92.6	1.796	1487.7	0.00
900.	893.0	5.524	5.446	34.596	27.302	27.292	34.108	31.413	88.1	1.841	1487.1	1.64
950.	942.5	5.132	5.052	34.601	27.353	27.344	34.174	31.700	83.1	1.884	1486.4	1.75
1000.	992.0	4.896	4.813	34.602	27.381	27.371	34.211	31.960	80.5	1.925	1486.3	0.00
1050.	1041.5	4.797	4.711	34.603	27.394	27.384	34.228	32.202	79.7	1.965	1486.7	0.00
1100.	1090.9	4.547	4.458	34.605	27.423	27.413	34.266	32.464	76.9	2.004	1486.5	0.00
1150.	1140.4	4.364	4.273	34.609	27.446	27.436	34.297	32.719	74.7	2.042	1486.6	0.00
1200.	1189.8	4.021	3.928	34.612	27.485	27.475	34.349	32.995	70.6	2.079	1486.0	1.24
1250.	1239.3	3.843	3.748	34.619	27.509	27.499	34.380	33.251	68.3	2.113	1486.1	0.00
1300.	1288.7	3.680	3.582	34.627	27.532	27.522	34.410	33.506	66.1	2.147	1486.2	0.00
1400.	1387.5	3.515	3.410	34.637	27.557	27.547	34.441	33.989	64.1	2.212	1487.2	0.00
1500.	1486.2	3.344	3.232	34.651	27.584	27.574	34.476	34.475	61.7	2.275	1488.2	0.00
1600.	1584.9	3.210	3.091	34.662	27.607	27.596	34.504	34.955	59.9	2.336	1489.3	0.00
1700.	1683.6	3.043	2.918	34.677	27.635	27.623	34.538	35.441	57.4	2.394	1490.3	0.00
1800.	1782.2	2.961	2.827	34.684	27.649	27.636	34.555	35.909	56.4	2.451	1491.6	0.87
fin	1838.	1819.7	2.884	2.748	34.691	27.661	27.649	34.571	0.000	2.5*****	0.6	

Mean vertical sound speed between 1. et 1838. dbar : 1494.3 m/s  
Reference pressure for gamprf : 1500. dbar

JADE 95 Station 47 - (26 Nov 95)



# STATION 47

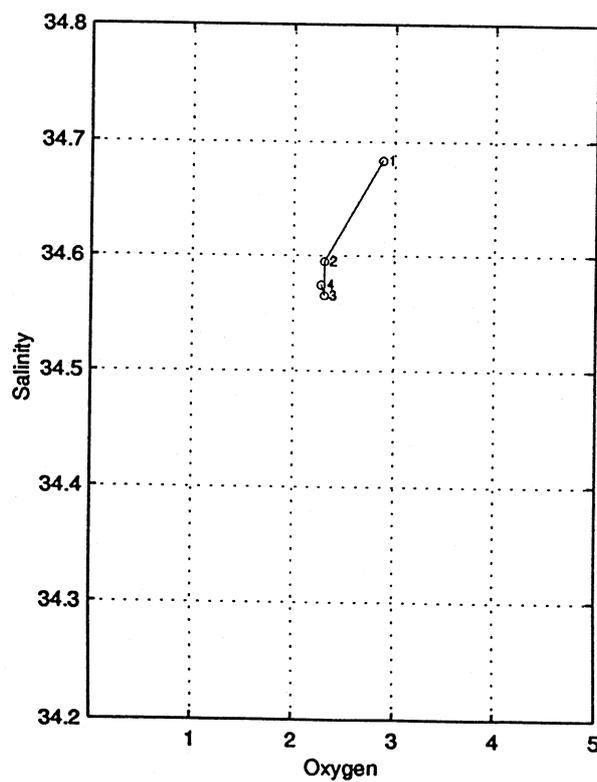
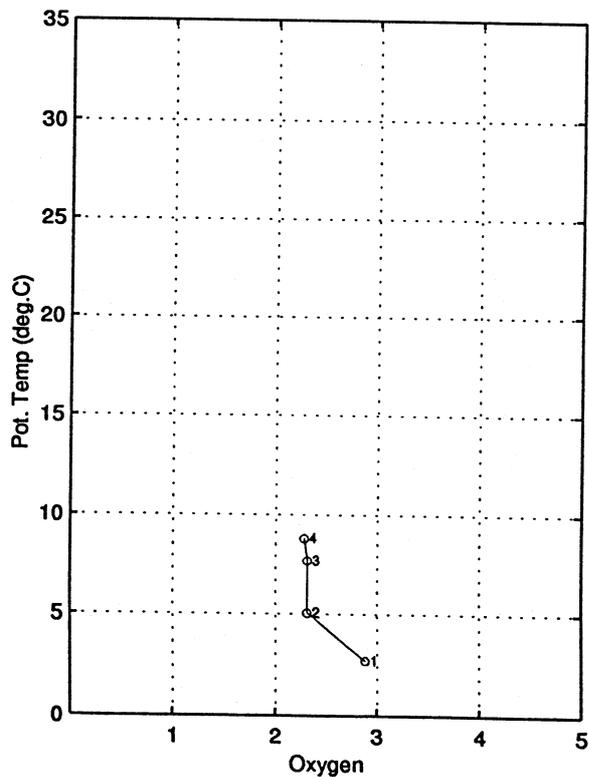
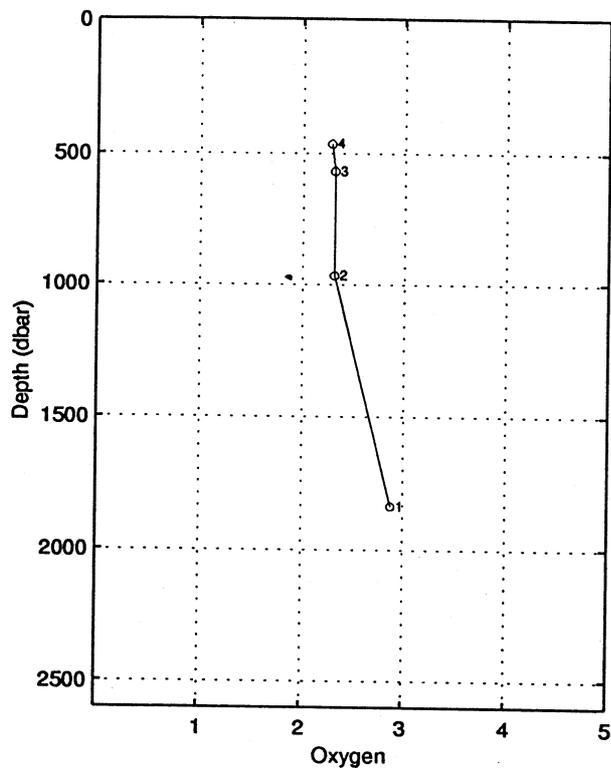
JADE 95

## Oxygen Profile

Bathysonde : Guildline INSU-Brest

Area : South Banda & Timor Sea - Indonesia

Cruise name : JADE95 - R/V Baruna Jaya I



98/10/14  
12:15:34

listacor\_48

1

JADE 95

station : 48.00

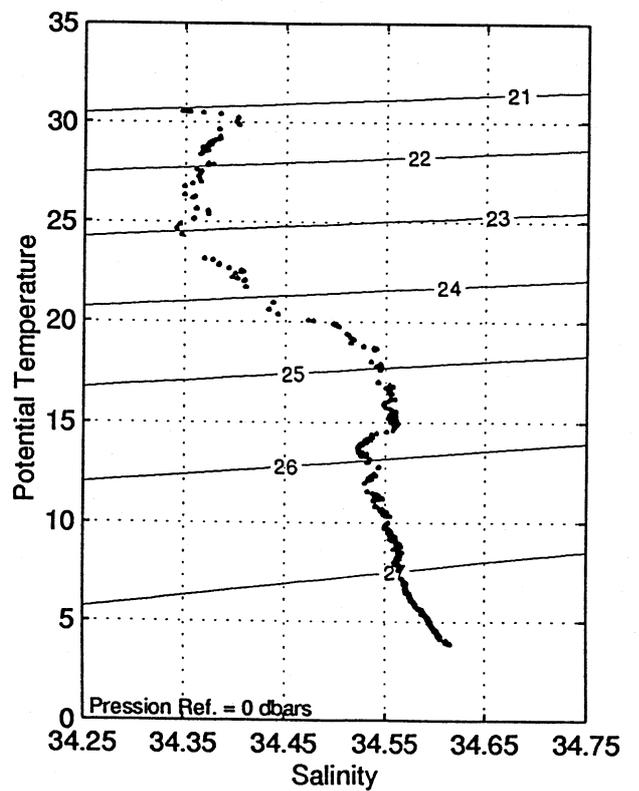
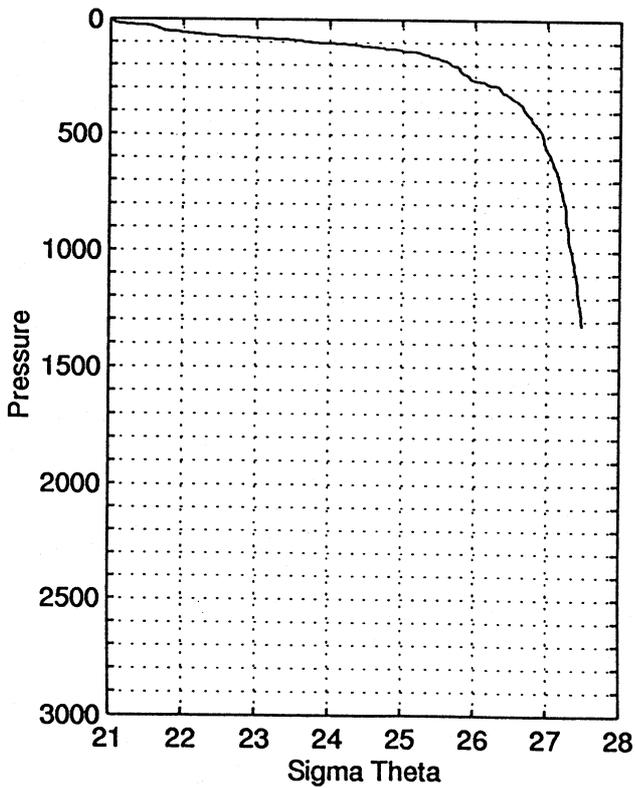
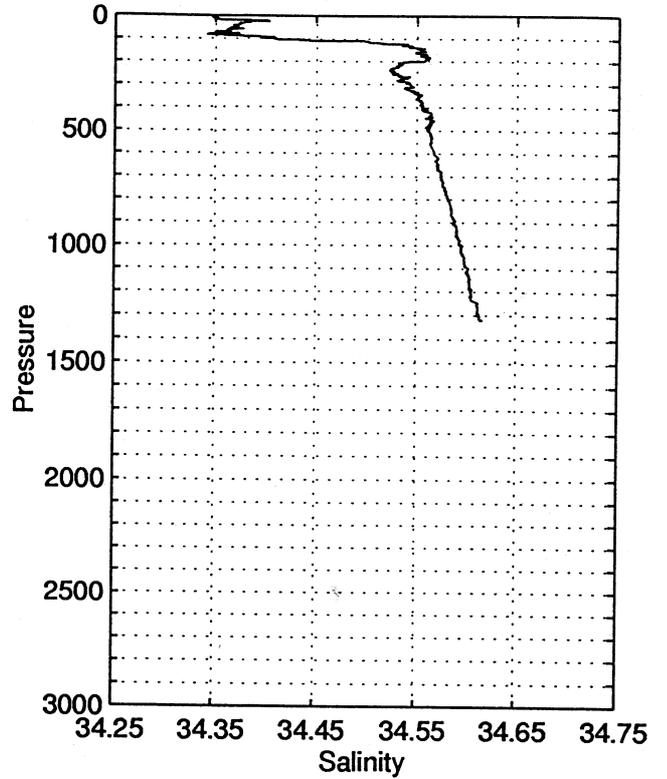
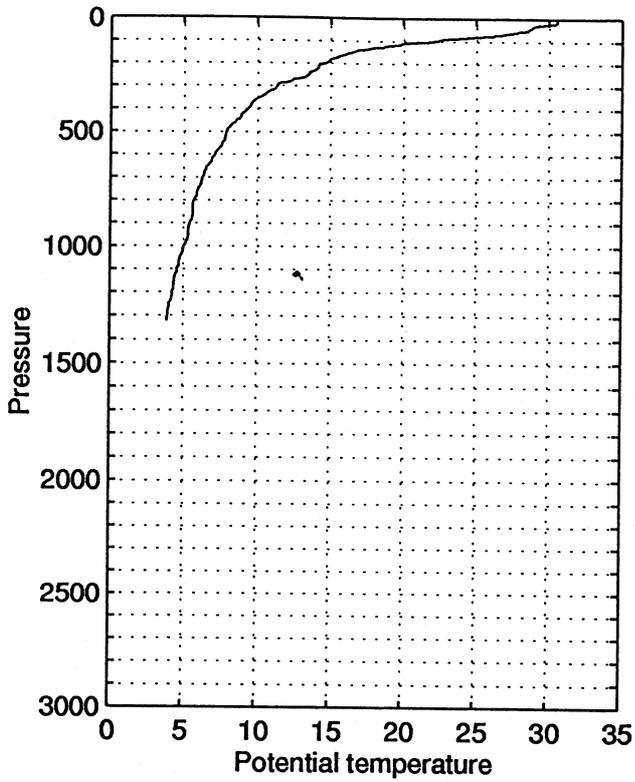
data reduction: 1 dbar

le 26/11/1995 a 22.25 tu -8.3480 127.3475 depth : 1434 m (1447.dbar)

press.	prof	temp.	theta	salin	sigtheta	sigmaamm	gamprf	gapt	avsp	h-dyn	v(sound)	bva
								(*1e5)	(mdyn)		(cph)	
3.	3.0	30.544	30.543	34.347	21.053	21.051	27.226	21.063	672.3	0.000	1546.1	0.00
10.	9.9	30.554	30.551	34.348	21.051	21.047	27.223	21.090	672.8	0.047	1546.2	2.56
20.	19.9	30.229	30.224	34.401	21.203	21.199	27.381	21.285	658.7	0.114	1545.8	11.43
30.	29.8	29.086	29.078	34.378	21.573	21.569	27.770	21.697	623.7	0.178	1543.5	6.77
40.	39.8	28.807	28.798	34.370	21.661	21.655	27.862	21.827	615.8	0.240	1543.1	4.72
50.	49.7	28.521	28.509	34.367	21.754	21.748	27.960	21.962	607.3	0.301	1542.6	6.55
60.	59.7	27.630	27.616	34.361	22.041	22.034	28.264	22.292	580.2	0.360	1540.8	9.94
70.	69.6	26.364	26.348	34.350	22.436	22.429	28.682	22.730	542.8	0.417	1538.1	14.34
80.	79.5	24.871	24.853	34.345	22.892	22.885	29.167	23.230	499.5	0.469	1534.7	15.61
90.	89.5	22.846	22.827	34.383	23.517	23.510	29.832	23.900	440.1	0.516	1529.9	7.98
100.	99.4	22.053	22.033	34.408	23.760	23.753	30.093	24.188	417.2	0.559	1528.0	6.26
110.	109.4	20.060	20.039	34.478	24.354	24.348	30.731	24.828	360.6	0.597	1522.9	6.58
120.	119.3	19.136	19.115	34.518	24.625	24.618	31.023	25.143	335.1	0.632	1520.5	9.02
130.	129.2	18.034	18.012	34.535	24.914	24.908	31.339	25.479	307.7	0.664	1517.5	10.71
140.	139.2	16.898	16.875	34.554	25.202	25.196	31.655	25.813	280.4	0.694	1514.3	10.76
150.	149.1	16.494	16.470	34.556	25.299	25.293	31.762	25.954	271.5	0.722	1513.3	6.07
160.	159.0	16.083	16.058	34.552	25.390	25.384	31.864	26.090	263.0	0.748	1512.2	5.81
170.	169.0	15.556	15.530	34.561	25.517	25.510	32.004	26.262	251.2	0.774	1510.7	4.11
180.	178.9	15.103	15.076	34.555	25.613	25.606	32.113	26.404	242.2	0.799	1509.5	4.24
190.	188.8	14.910	14.881	34.562	25.661	25.654	32.166	26.496	237.9	0.823	1509.0	3.61
201.	199.8	14.587	14.557	34.551	25.723	25.715	32.237	26.608	232.3	0.849	1508.2	4.65
210.	208.7	14.188	14.157	34.535	25.795	25.788	32.321	26.722	225.5	0.869	1507.0	3.82
220.	218.6	14.153	14.121	34.529	25.799	25.791	32.325	26.769	225.5	0.892	1507.1	3.50
230.	228.6	14.003	13.970	34.525	25.827	25.819	32.358	26.842	223.1	0.914	1506.7	2.51
240.	238.5	13.641	13.607	34.524	25.901	25.894	32.443	26.962	216.1	0.936	1505.7	6.06
250.	248.4	13.522	13.487	34.528	25.930	25.922	32.474	27.035	213.7	0.958	1505.5	2.55
259.	257.4	13.371	13.335	34.530	25.962	25.954	32.511	27.149	208.3	0.977	1505.1	4.11
271.	269.3	12.514	12.477	34.539	26.139	26.132	32.713	27.343	193.9	1.001	1502.5	6.95
280.	278.2	12.262	12.225	34.536	26.187	26.179	32.768	27.431	189.5	1.018	1501.8	5.94
290.	288.2	11.453	11.416	34.540	26.342	26.334	32.947	27.636	174.6	1.037	1499.2	4.15
300.	298.1	11.384	11.346	34.544	26.358	26.350	32.965	27.697	173.3	1.054	1499.1	1.75
319.	317.0	10.930	10.891	34.540	26.438	26.430	33.059	27.893	165.1	1.087	1497.8	6.52
340.	337.8	10.508	10.467	34.547	26.518	26.511	33.153	28.041	158.6	1.121	1496.7	3.91
360.	357.7	9.906	9.864	34.550	26.624	26.617	33.279	28.242	148.6	1.151	1494.9	4.06
380.	377.5	9.612	9.569	34.556	26.678	26.670	33.342	28.387	143.7	1.180	1494.2	2.55
400.	397.4	9.410	9.365	34.555	26.711	26.703	33.381	28.511	140.9	1.209	1493.7	2.40
420.	417.2	9.051	9.005	34.561	26.774	26.766	33.456	28.667	135.0	1.236	1492.8	3.15
440.	437.1	8.871	8.823	34.564	26.805	26.797	33.493	28.790	132.3	1.263	1492.4	2.31
460.	456.9	8.525	8.476	34.566	26.861	26.853	33.561	28.939	127.1	1.289	1491.5	0.00
480.	476.8	8.185	8.135	34.561	26.909	26.901	33.620	29.081	122.6	1.314	1490.5	2.23
500.	496.6	7.985	7.934	34.561	26.939	26.931	33.657	29.204	119.9	1.338	1490.1	0.00
520.	516.4	7.883	7.830	34.564	26.957	26.949	33.678	29.312	118.5	1.362	1490.0	0.00
537.	533.3	7.851	7.796	34.564	26.962	26.953	33.685	29.487	115.8	1.382	1490.2	0.00
559.	555.1	7.650	7.594	34.563	26.991	26.983	33.721	29.733	109.8	1.408	1489.8	0.87
600.	595.8	7.202	7.144	34.567	27.058	27.050	33.804	29.784	109.5	1.453	1488.8	0.00
621.	616.6	6.987	6.928	34.572	27.092	27.084	33.845	29.916	106.3	1.476	1488.3	2.01
640.	635.4	6.815	6.755	34.571	27.115	27.106	33.874	30.026	104.3	1.496	1487.9	3.39
660.	655.3	6.608	6.546	34.570	27.142	27.134	33.909	30.148	101.7	1.517	1487.5	0.00
680.	675.1	6.480	6.417	34.574	27.162	27.154	33.933	30.260	99.9	1.537	1487.3	1.38
702.	696.9	6.348	6.284	34.576	27.181	27.172	33.957	30.380	98.3	1.559	1487.1	1.89
750.	744.4	6.082	6.015	34.579	27.219	27.210	34.004	30.640	95.0	1.605	1486.9	2.14
802.	796.0	5.793	5.722	34.583	27.258	27.249	34.055	30.921	91.5	1.654	1486.6	1.59
850.	843.5	5.709	5.635	34.586	27.271	27.262	34.071	31.153	90.7	1.698	1487.1	1.38
900.	893.0	5.532	5.454	34.589	27.296	27.286	34.102	31.407	88.7	1.743	1487.2	1.24
950.	942.5	5.432	5.350	34.592	27.310	27.300	34.120	31.650	87.8	1.787	1487.6	0.62
1001.	993.0	5.106	5.021	34.596	27.353	27.343	34.175	31.931	83.7	1.831	1487.1	0.87
1050.	1041.5	4.863	4.776	34.599	27.383	27.373	34.214	32.189	80.9	1.871	1487.0	1.64
1102.	1092.9	4.662	4.572	34.603	27.409	27.399	34.248	32.456	78.5	1.913	1487.0	1.27
1150.	1140.4	4.483	4.390	34.604	27.429	27.419	34.276	32.699	76.6	1.950	1487.1	0.87
1200.	1189.8	4.366	4.269	34.605	27.444	27.433	34.295	32.943	75.5	1.988	1487.4	0.00
1249.	1238.3	4.149	4.050	34.612	27.472	27.462	34.332	33.218	72.6	2.025	1487.3	0.00
1300.	1288.7	4.045	3.943	34.613	27.484	27.473	34.347	33.446	71.7	2.062	1487.7	1.75
fin	1320.	1308.4	3.990	3.887	34.615	27.492	27.481	34.357	0.000	2.1*****	0.0	

Mean vertical sound speed between 3. et 1320. dbar : 1495.8 m/s  
Reference pressure for gamprf : 1500. dbar

JADE 95 Station 48 - (26 Nov 95)



# STATION 48

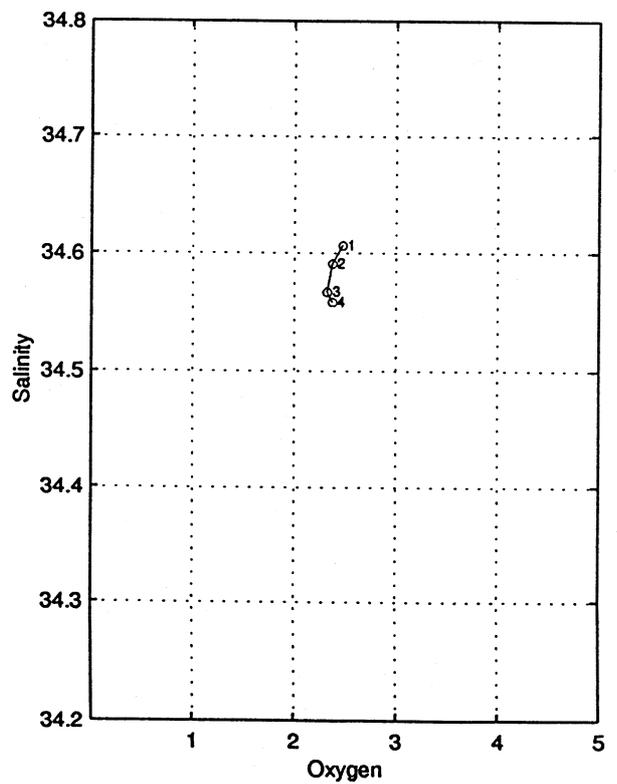
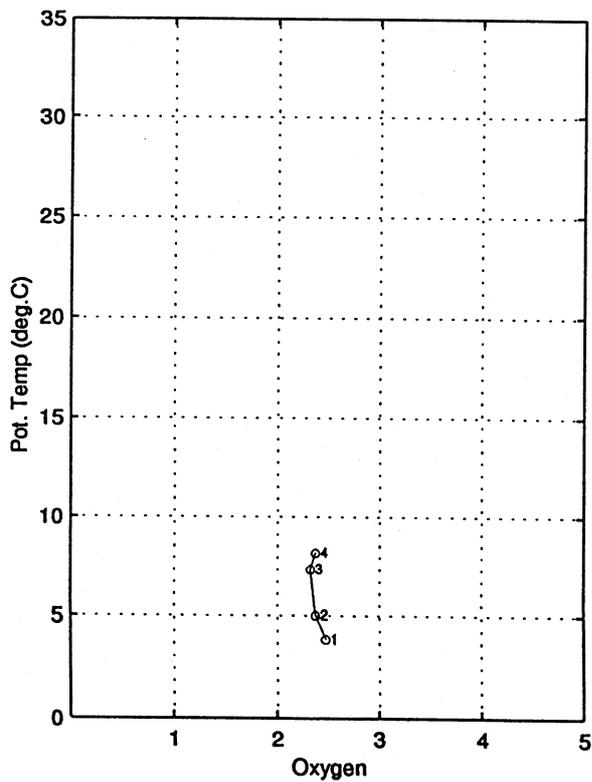
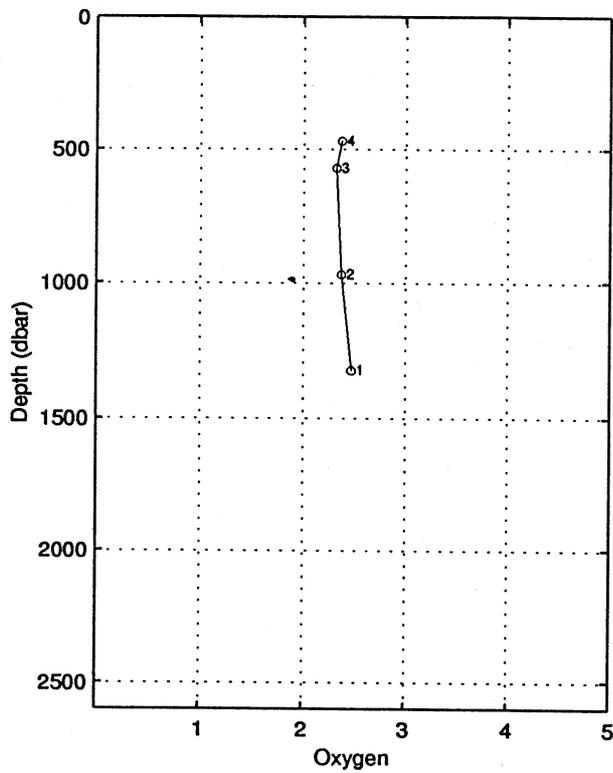
JADE 95

## Oxygen Profile

Bathysonde : Guildline INSU-Brest

Area : South Banda & Timor Sea - Indonesia

Cruise name : JADE95 - R/V Baruna Jaya I



98/10/14  
12:15:34

listacor\_49

1

JADE 95

station : 49.00

data reduction: 1 dbar

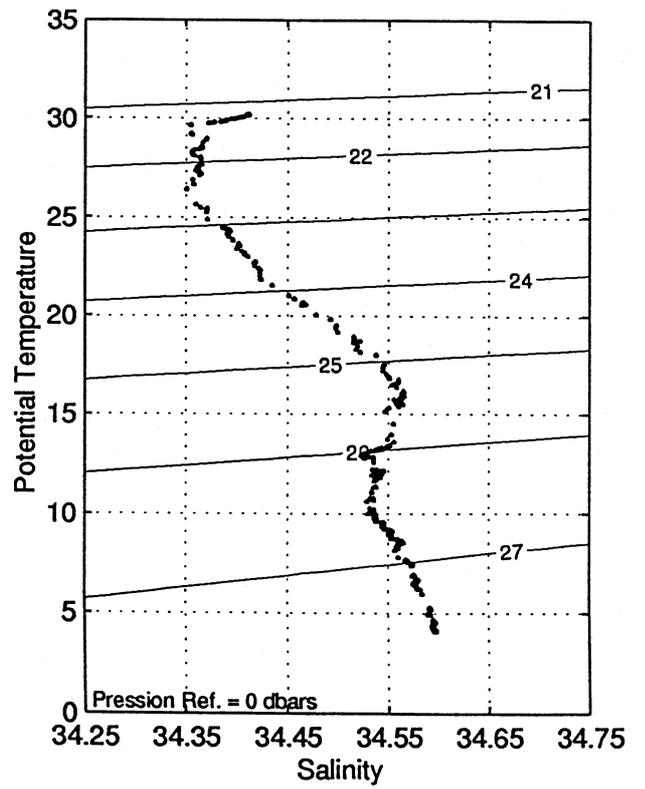
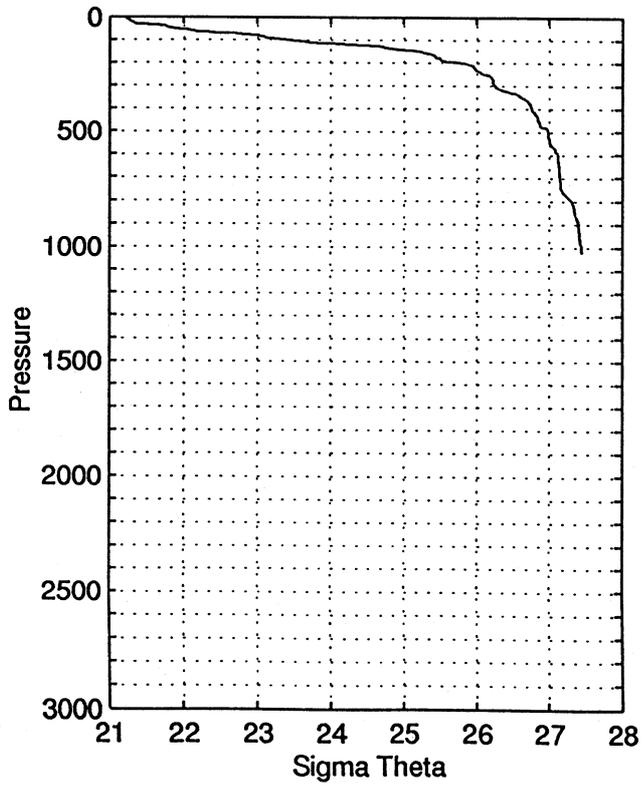
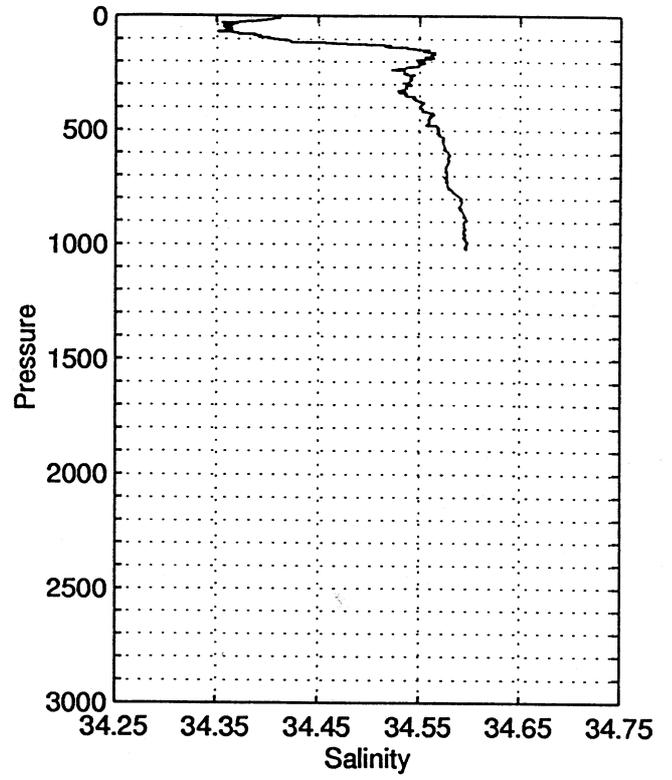
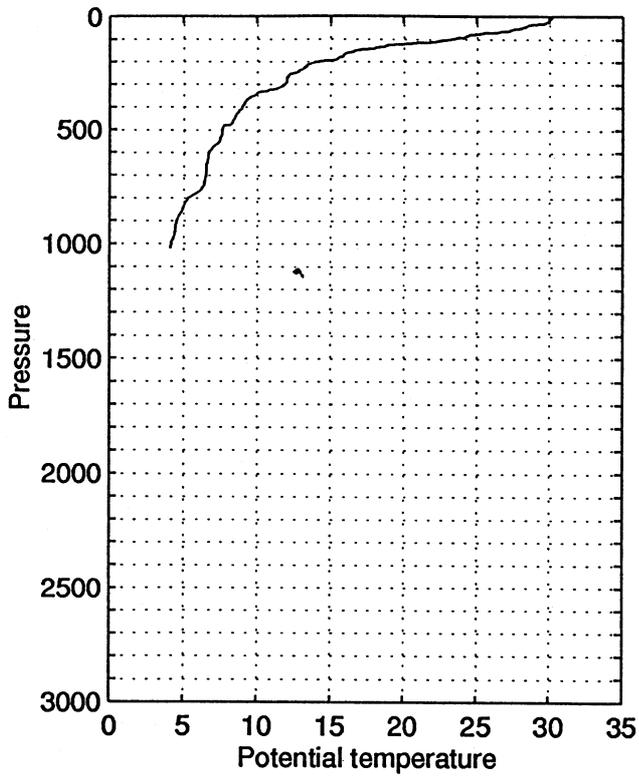
le 27/11/1995 a 2.14 tu -8.1803 127.3001 depth : 1154 m (1164.dbar)

press.	prof	temp.	theta	salin	sigtheta	sigmaamat	gamprf	gapts	avsp	h-dyn	v(sound)	bva
								(*1e5)	(mdyn)		(cph)	
1.	1.0	30.182	30.181	34.409	21.224	21.221	27.402	21.226	655.8	0.000	1545.4	0.00
10.	9.9	30.129	30.127	34.410	21.243	21.239	27.422	21.282	654.4	0.059	1545.4	5.93
20.	19.9	29.920	29.915	34.389	21.300	21.296	27.482	21.381	649.5	0.124	1545.1	5.87
31.	30.8	29.231	29.224	34.355	21.507	21.503	27.702	21.635	630.1	0.195	1543.8	12.34
40.	39.8	28.463	28.453	34.365	21.771	21.765	27.978	21.937	605.2	0.251	1542.3	4.30
50.	49.7	28.093	28.082	34.358	21.888	21.882	28.102	22.096	594.5	0.311	1541.7	6.86
60.	59.7	27.361	27.347	34.359	22.126	22.120	28.354	22.377	572.1	0.369	1540.2	5.78
70.	69.6	25.639	25.624	34.360	22.668	22.662	28.928	22.963	520.5	0.424	1536.4	16.13
80.	79.5	24.528	24.511	34.387	23.027	23.020	29.308	23.365	486.6	0.474	1533.9	2.32
90.	89.5	24.192	24.173	34.391	23.131	23.124	29.419	23.512	477.1	0.522	1533.3	5.75
100.	99.4	23.216	23.195	34.407	23.430	23.422	29.737	23.855	448.9	0.569	1531.0	8.88
110.	109.4	22.255	22.233	34.423	23.715	23.707	30.043	24.185	421.9	0.612	1528.7	9.61
121.	120.3	20.063	20.041	34.478	24.354	24.347	30.731	24.875	361.1	0.655	1523.1	14.99
130.	129.2	18.756	18.733	34.522	24.724	24.717	31.131	25.287	325.9	0.686	1519.6	6.07
139.	138.2	18.025	18.001	34.538	24.919	24.912	31.343	25.653	296.5	0.714	1517.6	4.29
151.	150.1	16.712	16.688	34.560	25.251	25.245	31.708	25.910	276.1	0.749	1514.0	5.74
161.	160.0	16.141	16.116	34.566	25.388	25.381	31.860	26.092	263.3	0.776	1512.4	5.33
170.	169.0	15.888	15.861	34.564	25.445	25.438	31.924	26.189	258.1	0.800	1511.8	2.63
180.	178.9	15.613	15.585	34.558	25.502	25.495	31.989	26.291	252.9	0.825	1511.1	8.00
191.	189.8	15.191	15.161	34.547	25.588	25.581	32.086	26.427	245.0	0.853	1509.9	7.87
200.	198.8	14.010	13.982	34.553	25.846	25.839	32.376	26.729	220.4	0.874	1506.3	9.47
211.	209.7	13.466	13.437	34.552	25.958	25.951	32.504	26.891	209.9	0.898	1504.7	6.00
220.	218.7	13.367	13.337	34.549	25.977	25.970	32.525	26.950	208.3	0.916	1504.5	1.24
230.	228.6	13.225	13.193	34.536	25.995	25.988	32.548	27.014	206.7	0.937	1504.2	1.64
240.	238.5	12.874	12.841	34.535	26.065	26.058	32.628	27.129	200.3	0.958	1503.2	4.15
249.	247.5	12.649	12.616	34.535	26.110	26.103	32.680	27.315	188.9	0.975	1502.6	4.67
260.	258.4	12.191	12.156	34.545	26.207	26.199	32.790	27.363	187.1	0.996	1501.2	3.33
270.	268.3	12.068	12.033	34.542	26.228	26.221	32.815	27.429	185.3	1.015	1501.0	1.38
280.	278.2	12.052	12.016	34.543	26.232	26.224	32.819	27.478	185.2	1.033	1501.1	1.07
290.	288.2	12.023	11.986	34.540	26.235	26.227	32.823	27.526	185.1	1.052	1501.1	1.41
300.	298.1	11.871	11.832	34.541	26.265	26.257	32.858	27.601	182.4	1.070	1500.8	3.45
320.	318.0	11.159	11.119	34.533	26.391	26.383	33.006	27.821	170.5	1.106	1498.6	6.28
340.	337.8	10.012	9.973	34.537	26.596	26.588	33.246	28.122	150.9	1.138	1494.9	2.05
360.	357.7	9.490	9.450	34.546	26.690	26.683	33.358	28.310	142.0	1.167	1493.4	2.14
380.	377.5	9.169	9.127	34.555	26.749	26.742	33.427	28.462	136.6	1.195	1492.5	1.52
401.	398.4	9.006	8.962	34.551	26.773	26.766	33.457	28.582	134.7	1.223	1492.3	1.58
420.	417.2	8.792	8.747	34.558	26.812	26.805	33.503	28.708	131.2	1.249	1491.8	2.77
440.	437.1	8.563	8.517	34.560	26.850	26.842	33.548	28.838	127.8	1.275	1491.3	1.86
460.	456.9	8.386	8.338	34.559	26.877	26.869	33.581	28.957	125.4	1.300	1490.9	2.23
480.	476.8	7.864	7.816	34.560	26.956	26.948	33.678	29.132	117.8	1.325	1489.3	7.58
500.	496.6	7.677	7.627	34.568	26.990	26.982	33.719	29.258	114.8	1.348	1488.9	0.62
520.	516.4	7.653	7.601	34.569	26.995	26.987	33.724	29.353	114.7	1.371	1489.2	0.00
540.	536.3	7.534	7.480	34.573	27.015	27.007	33.749	29.465	112.9	1.393	1489.1	0.00
554.	550.2	7.461	7.406	34.573	27.026	27.018	33.762	29.717	105.6	1.409	1489.0	0.62
580.	575.9	6.986	6.931	34.575	27.094	27.086	33.846	29.731	105.6	1.437	1487.6	1.01
600.	595.8	6.756	6.700	34.579	27.129	27.121	33.890	29.860	102.2	1.458	1487.1	1.52
620.	615.6	6.732	6.674	34.579	27.132	27.124	33.894	29.954	102.2	1.479	1487.3	0.00
640.	635.4	6.692	6.632	34.579	27.138	27.129	33.901	30.051	101.9	1.499	1487.5	0.00
660.	655.3	6.611	6.549	34.577	27.147	27.139	33.914	30.152	101.2	1.519	1487.5	1.07
680.	675.1	6.595	6.531	34.577	27.150	27.141	33.917	30.246	101.3	1.540	1487.7	0.00
700.	694.9	6.585	6.520	34.577	27.151	27.142	33.918	30.338	101.4	1.560	1488.0	0.00
754.	748.4	6.316	6.247	34.580	27.189	27.180	33.966	30.624	98.2	1.614	1487.9	2.85
800.	794.0	5.332	5.264	34.593	27.322	27.313	34.135	30.984	84.6	1.657	1484.7	3.31
850.	843.5	5.008	4.938	34.591	27.358	27.350	34.184	31.254	81.2	1.698	1484.2	0.62
900.	893.0	4.600	4.528	34.596	27.408	27.400	34.249	31.540	76.2	1.737	1483.4	1.10
950.	942.5	4.498	4.422	34.596	27.420	27.411	34.265	31.782	75.4	1.775	1483.8	1.38
1000.	992.0	4.253	4.175	34.598	27.448	27.439	34.302	32.043	72.7	1.812	1483.6	0.76
fin	1019. 1010.8	4.190	4.112	34.598	27.455	27.447	34.312	0.000	1.8*****	2.5		

Mean vertical sound speed between 1. et 1019. dbar : 1497.4 m/s  
Reference pressure for gamprf : 1500. dbar



JADE 95 Station 49 - (27 Nov 95)



# STATION 49

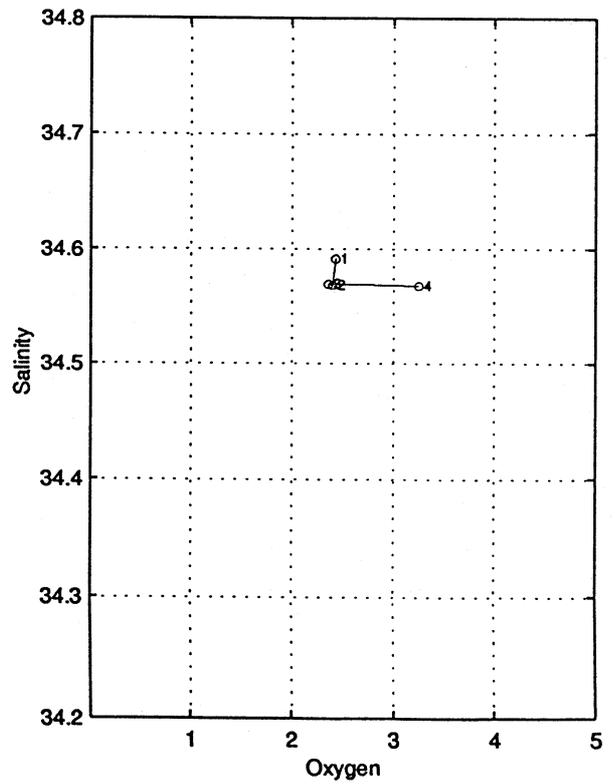
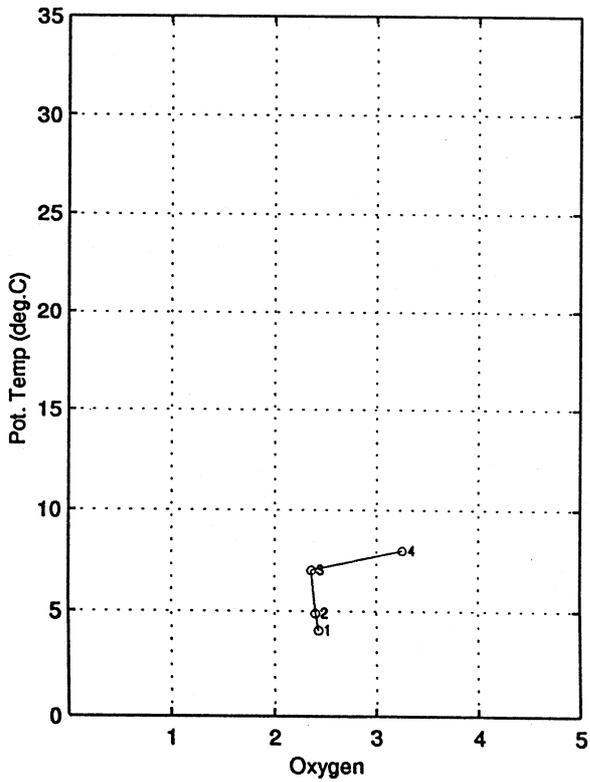
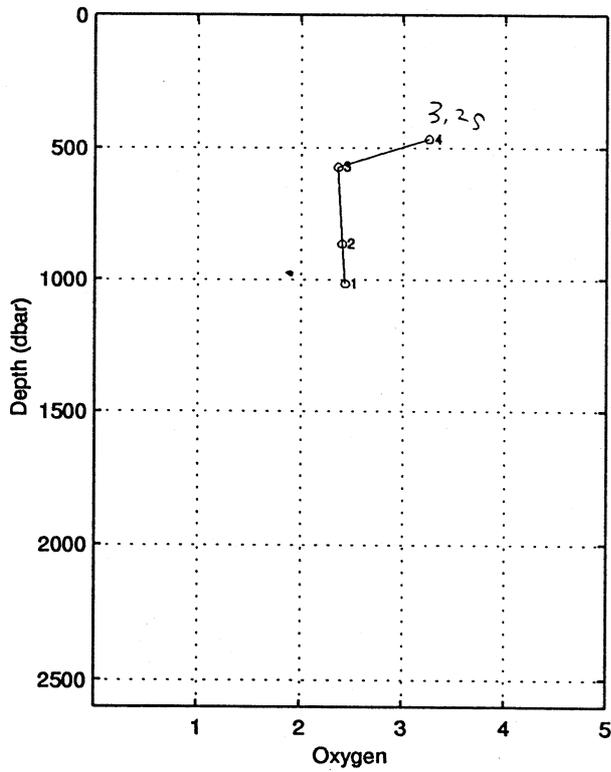
JADE 95

## Oxygen Profile

Bathysonde : Guildline INSU-Brest

Area : South Banda & Timor Sea - Indonesia

Cruise name : JADE95 - R/V Baruna Jaya I



98/10/14  
12:15:35

listacor\_50

1

JADE 95

station : 50.00

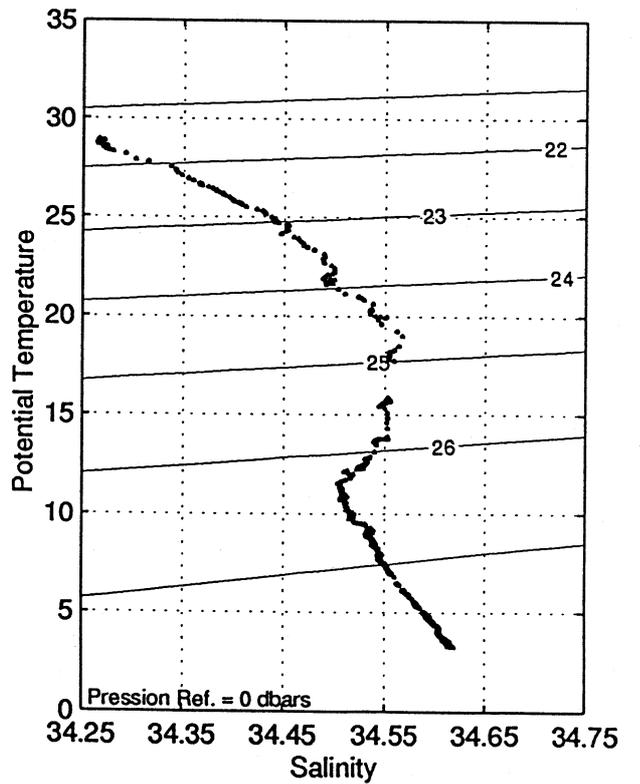
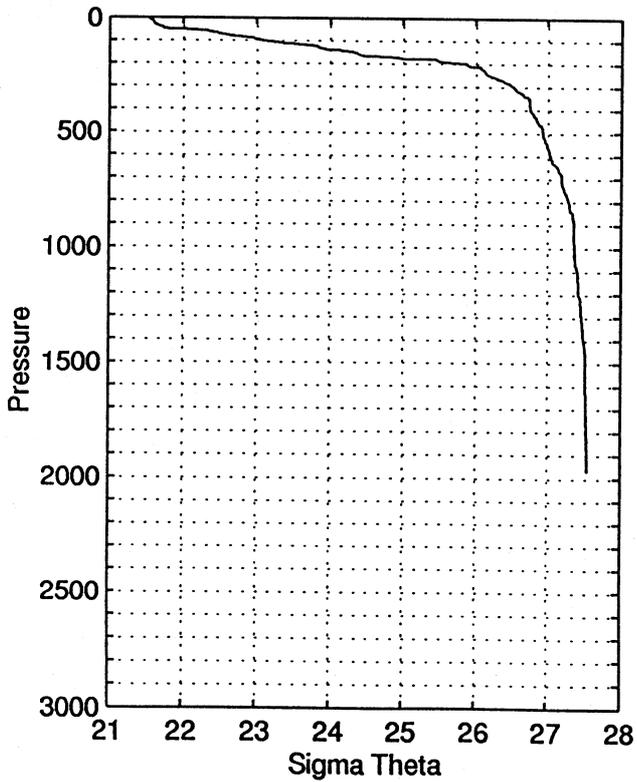
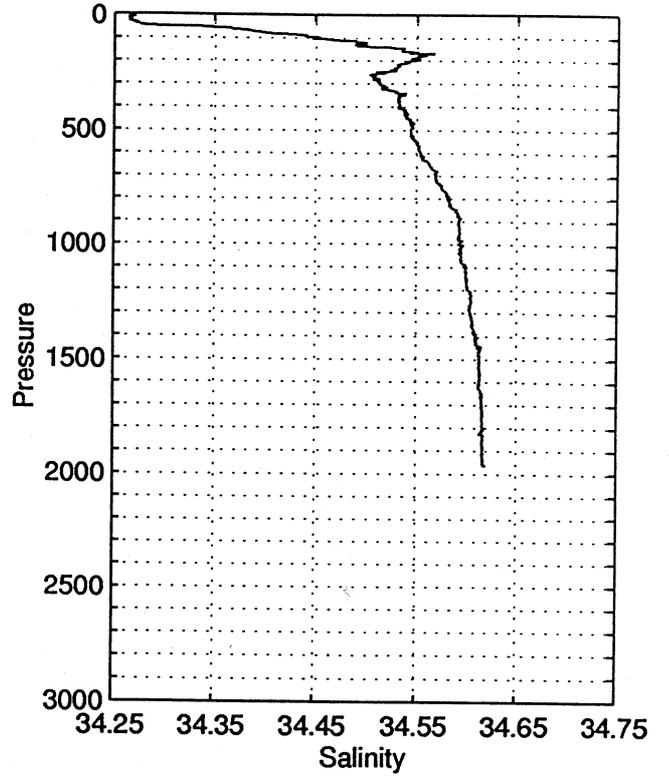
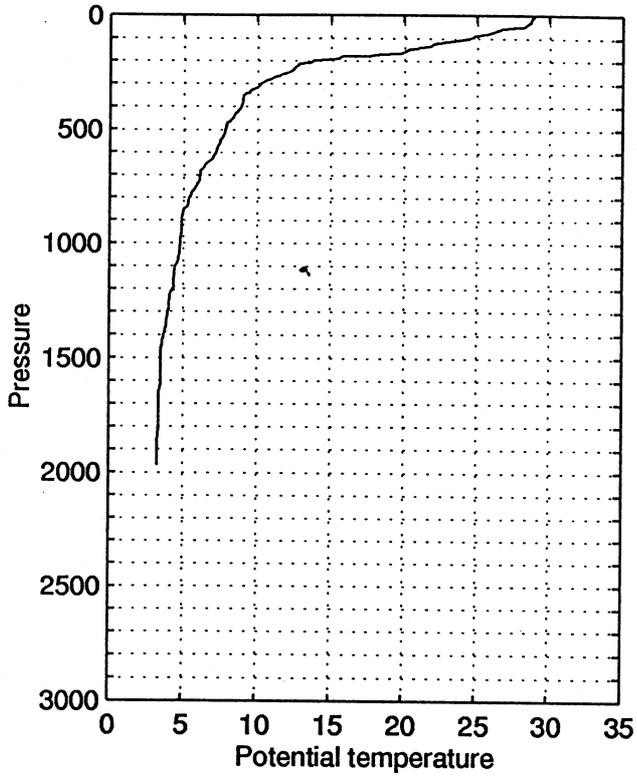
data reduction: 1 dbar

le 28/11/1995 a 8.39 tu -8.3578 125.0520 depth : 2667 m (2699.dbar)

press.	prof	temp.	theta	salin	sigtheta	sigmaamm	gamprf	gapt5	avsp	h-dyn	v(sound)	bva
		(*1e5) (mdyn)										(cph)
5.	5.0	28.930	28.928	34.265	21.539	21.536	27.739	21.558	625.8	0.000	1542.7	0.00
10.	9.9	28.856	28.854	34.270	21.567	21.564	27.769	21.607	623.3	0.031	1542.6	1.86
20.	19.9	28.742	28.738	34.266	21.602	21.599	27.806	21.684	620.4	0.093	1542.5	2.06
30.	29.8	28.672	28.665	34.267	21.627	21.622	27.832	21.751	618.5	0.155	1542.5	4.36
40.	39.8	28.437	28.427	34.273	21.710	21.705	27.919	21.876	611.1	0.217	1542.2	7.11
50.	49.7	27.918	27.906	34.302	21.903	21.897	28.120	22.111	593.0	0.277	1541.3	12.66
60.	59.7	26.638	26.624	34.366	22.362	22.355	28.602	22.613	549.5	0.334	1538.6	5.70
70.	69.6	26.195	26.180	34.389	22.518	22.511	28.767	22.812	535.0	0.388	1537.8	7.03
80.	79.5	25.698	25.680	34.406	22.686	22.679	28.944	23.023	519.3	0.441	1536.8	6.26
90.	89.5	24.842	24.822	34.440	22.973	22.966	29.248	23.354	492.2	0.491	1534.9	3.92
100.	99.4	24.468	24.447	34.452	23.096	23.087	29.377	23.519	480.9	0.540	1534.2	6.66
110.	109.4	23.615	23.592	34.469	23.361	23.353	29.660	23.828	455.9	0.587	1532.3	8.72
120.	119.3	22.335	22.311	34.500	23.752	23.744	30.078	24.264	418.8	0.631	1529.2	10.77
130.	129.2	21.942	21.916	34.488	23.854	23.845	30.188	24.410	409.4	0.672	1528.3	2.28
140.	139.2	21.038	21.011	34.523	24.130	24.121	30.484	24.730	383.4	0.712	1526.1	12.26
150.	149.1	20.344	20.316	34.537	24.326	24.318	30.696	24.972	364.9	0.749	1524.4	2.77
160.	159.0	20.046	20.016	34.540	24.408	24.399	30.784	25.097	357.4	0.786	1523.8	5.53
170.	169.0	18.337	18.308	34.560	24.860	24.851	31.277	25.597	314.4	0.820	1519.1	11.67
180.	178.9	15.805	15.777	34.551	25.454	25.447	31.935	26.242	257.6	0.850	1511.7	8.02
190.	188.8	15.362	15.333	34.550	25.552	25.545	32.045	26.386	248.4	0.875	1510.4	9.67
200.	198.8	13.806	13.777	34.545	25.883	25.876	32.419	26.766	216.8	0.898	1505.6	0.00
210.	208.7	13.172	13.143	34.540	26.008	26.002	32.563	26.938	204.9	0.919	1503.7	15.18
220.	218.6	12.777	12.747	34.532	26.081	26.074	32.647	27.057	198.2	0.939	1502.5	2.55
230.	228.6	12.559	12.528	34.530	26.123	26.116	32.695	27.145	194.4	0.959	1502.0	3.16
240.	238.5	12.421	12.389	34.524	26.145	26.138	32.721	27.211	192.5	0.978	1501.7	1.96
250.	248.4	12.136	12.103	34.513	26.192	26.185	32.777	27.304	188.2	0.997	1500.8	4.55
260.	258.4	11.664	11.630	34.505	26.275	26.268	32.875	27.434	180.3	1.016	1499.4	4.63
270.	268.3	11.187	11.153	34.509	26.365	26.359	32.980	27.572	171.8	1.033	1497.9	4.75
280.	278.2	10.890	10.856	34.509	26.420	26.413	33.043	27.673	166.7	1.050	1497.0	2.97
290.	288.2	10.531	10.496	34.511	26.485	26.479	33.120	27.785	160.5	1.067	1495.9	3.86
300.	298.1	10.253	10.218	34.513	26.534	26.528	33.178	27.881	155.9	1.082	1495.1	1.24
320.	318.0	9.863	9.826	34.519	26.606	26.600	33.262	28.045	149.3	1.113	1494.0	7.08
341.	338.8	9.344	9.306	34.536	26.706	26.699	33.378	28.242	140.0	1.143	1492.5	6.25
360.	357.7	9.053	9.014	34.533	26.750	26.744	33.432	28.374	136.0	1.169	1491.7	1.07
378.	375.5	9.042	9.001	34.531	26.751	26.744	33.434	28.500	135.7	1.194	1492.0	0.00
400.	397.4	8.954	8.910	34.533	26.767	26.760	33.453	28.572	135.2	1.224	1492.0	1.64
420.	417.2	8.731	8.686	34.537	26.806	26.798	33.499	28.702	131.7	1.250	1491.5	1.07
440.	437.1	8.457	8.411	34.540	26.851	26.843	33.553	28.840	127.6	1.276	1490.9	2.40
460.	456.9	8.243	8.195	34.544	26.886	26.879	33.596	28.968	124.4	1.302	1490.4	0.00
480.	476.8	7.953	7.904	34.544	26.930	26.923	33.650	29.105	120.3	1.326	1489.6	0.00
500.	496.6	7.881	7.831	34.544	26.941	26.933	33.663	29.206	119.6	1.350	1489.7	1.24
520.	516.4	7.799	7.747	34.545	26.955	26.947	33.679	29.311	118.6	1.374	1489.7	2.74
542.	538.3	7.571	7.517	34.549	26.991	26.983	33.723	29.449	115.3	1.400	1489.2	3.54
561.	557.1	7.503	7.448	34.549	27.001	26.993	33.736	29.546	114.6	1.421	1489.3	1.58
580.	575.9	7.346	7.289	34.552	27.026	27.018	33.767	29.659	112.4	1.443	1489.0	1.86
600.	595.8	7.247	7.188	34.554	27.041	27.033	33.785	29.766	111.1	1.465	1488.9	1.24
620.	615.6	7.072	7.013	34.556	27.067	27.059	33.818	29.885	108.8	1.487	1488.6	1.24
634.	629.5	6.876	6.816	34.560	27.098	27.089	33.855	30.103	101.5	1.503	1488.1	4.90
662.	657.2	6.470	6.409	34.565	27.156	27.148	33.928	30.173	100.2	1.531	1486.9	1.78
680.	675.1	6.222	6.161	34.570	27.192	27.184	33.973	30.294	96.7	1.549	1486.3	1.64
700.	694.9	6.188	6.125	34.569	27.197	27.188	33.978	30.390	96.5	1.568	1486.5	1.07
750.	744.4	5.906	5.840	34.575	27.237	27.229	34.029	30.662	93.0	1.616	1486.2	1.78
802.	796.0	5.437	5.369	34.581	27.300	27.292	34.110	30.969	86.9	1.663	1485.2	2.49
850.	843.5	5.112	5.042	34.590	27.346	27.337	34.167	31.240	82.6	1.704	1484.6	0.62
900.	893.0	4.963	4.889	34.593	27.366	27.357	34.193	31.490	81.0	1.745	1484.9	1.07
949.	941.5	4.948	4.869	34.594	27.369	27.359	34.197	31.729	81.3	1.784	1485.6	0.62
1000.	992.0	4.882	4.799	34.593	27.376	27.366	34.207	31.955	81.0	1.826	1486.2	1.86
1052.	1043.5	4.794	4.707	34.595	27.388	27.378	34.222	32.205	80.3	1.868	1486.7	1.62
1100.	1090.9	4.553	4.464	34.601	27.419	27.410	34.263	32.460	77.2	1.906	1486.5	2.14
1150.	1140.4	4.477	4.384	34.601	27.428	27.418	34.274	32.698	76.7	1.944	1487.0	0.00
1202.	1191.8	4.461	4.364	34.604	27.432	27.422	34.280	32.938	76.8	1.984	1487.8	1.29
1250.	1239.3	4.175	4.076	34.606	27.465	27.454	34.323	33.196	73.4	2.020	1487.4	0.62
1300.	1288.7	4.055	3.953	34.605	27.477	27.466	34.340	33.438	72.4	2.057	1487.8	1.07
1400.	1387.5	3.811	3.702	34.609	27.506	27.495	34.379	33.927	69.8	2.128	1488.4	0.00
1500.	1486.2	3.624	3.509	34.613	27.528	27.517	34.409	34.409	67.9	2.197	1489.3	0.00
1600.	1584.9	3.615	3.491	34.614	27.531	27.518	34.412	34.862	68.5	2.265	1490.9	1.51
1700.	1683.6	3.512	3.381	34.616	27.543	27.530	34.429	35.329	67.8	2.333	1492.2	0.00
1800.	1782.2	3.510	3.369	34.617	27.545	27.531	34.431	35.780	68.4	2.401	1493.9	0.00
1900.	1880.8	3.457	3.308	34.617	27.551	27.536	34.439	36.236	68.5	2.469	1495.3	0.87
fin	1967.	1946.8	3.436	3.281	34.618	27.554	27.539	34.443	0.000	2.5*****	0.0	

Mean vertical sound speed between 5. et 1967. dbar : 1494.0 m/s  
Reference pressure for gamprf : 1500. dbar

JADE 95 Station 50 - (28 Nov 95)



# STATION 50

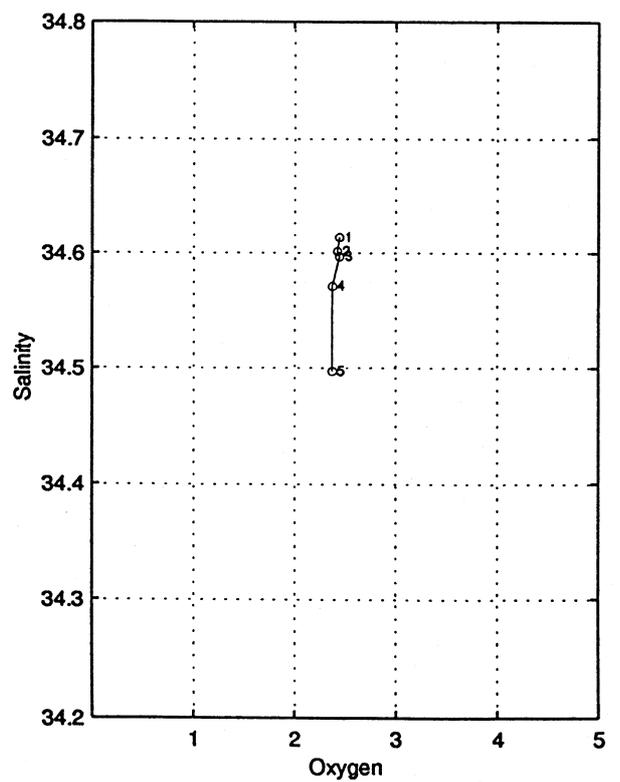
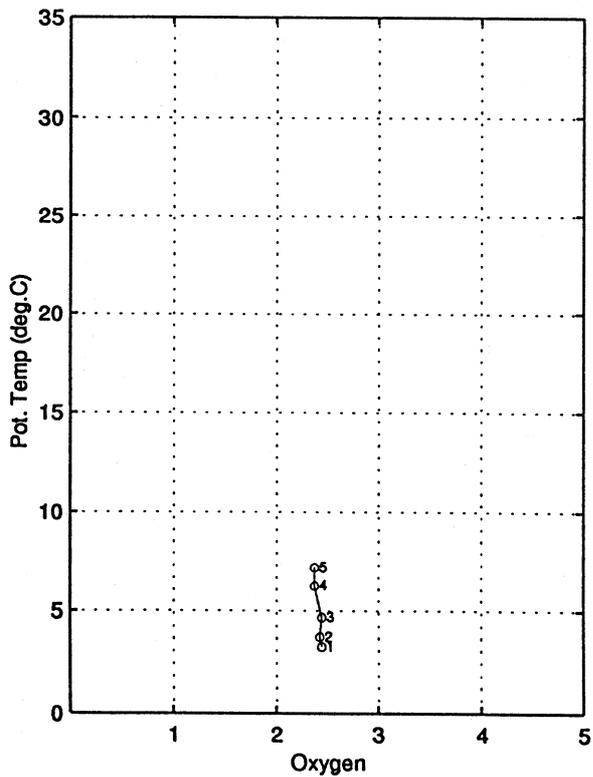
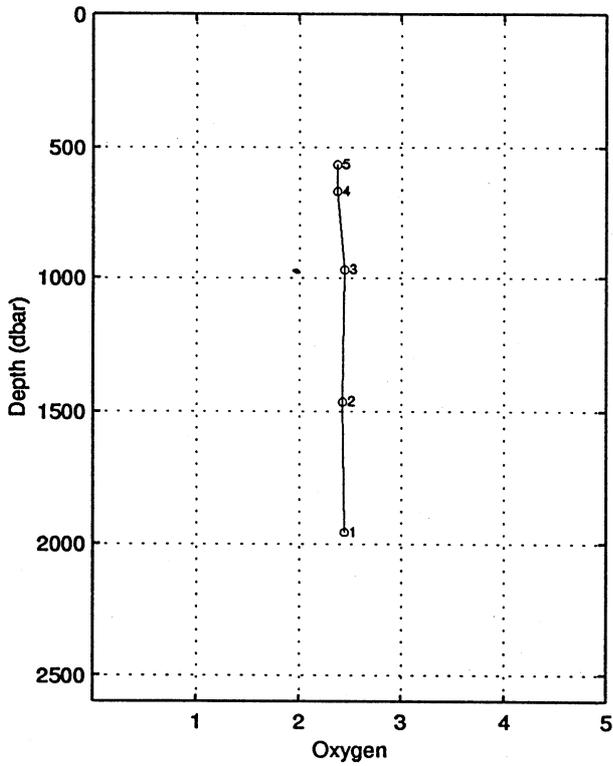
JADE 95

## Oxygen Profile

Bathysonde : Guildline INSU-Brest

Area : South Banda & Timor Sea - Indonesia

Cruise name : JADE95 - RV Baruna Jaya I



98/10/14  
12:15:36

listacor\_51

JADE 95

station : 51.00

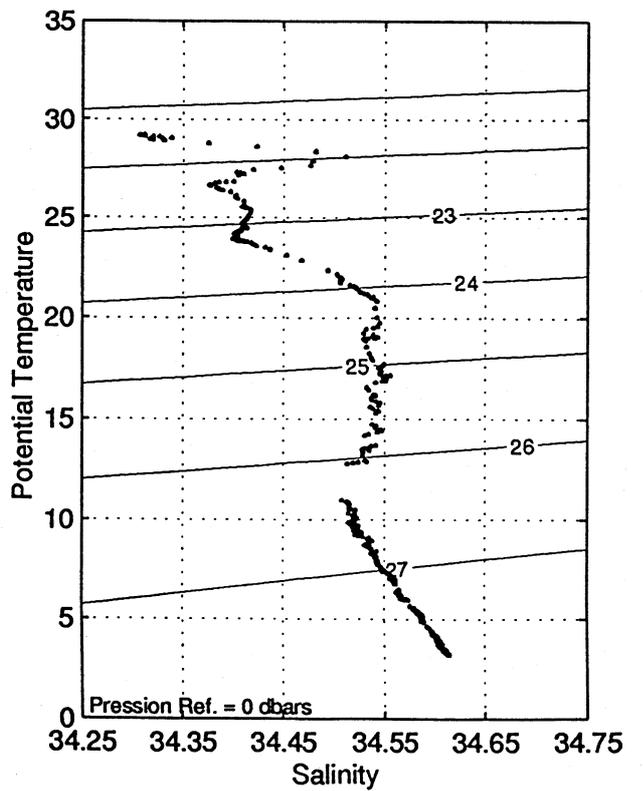
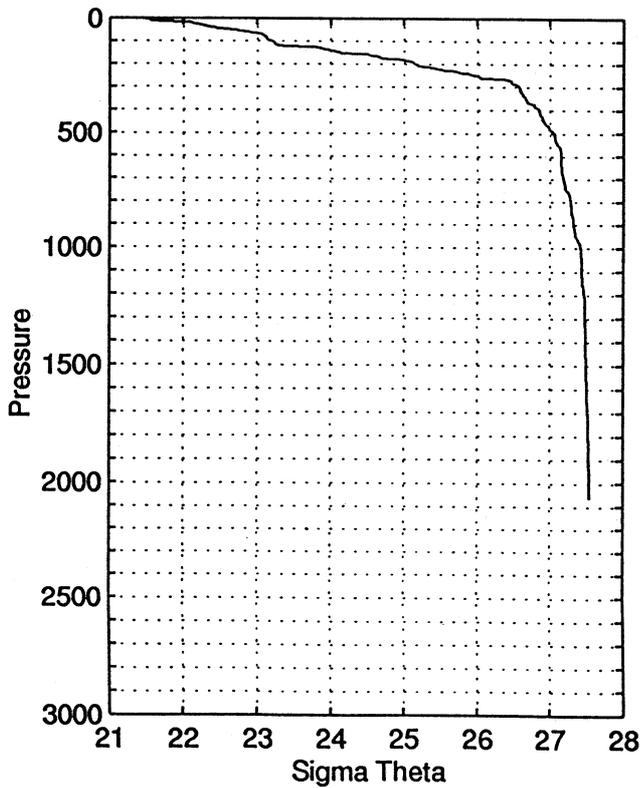
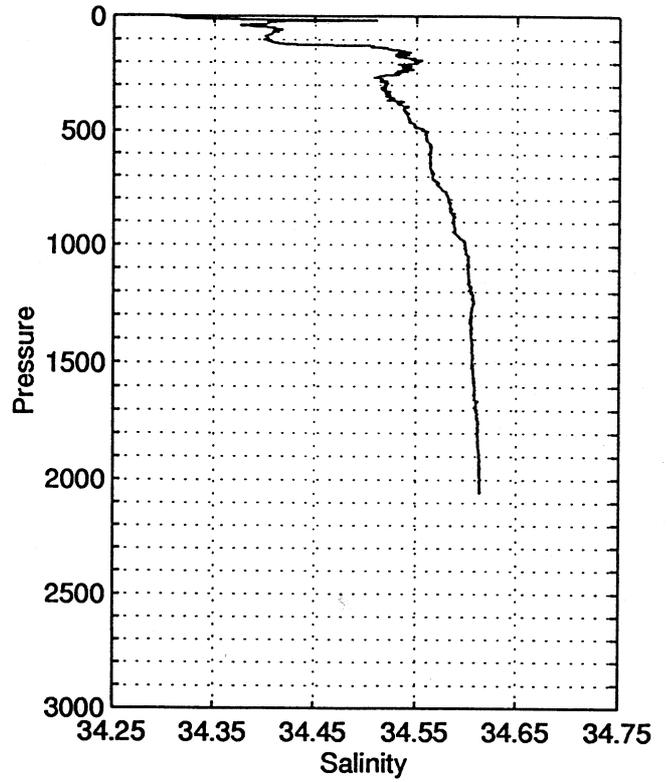
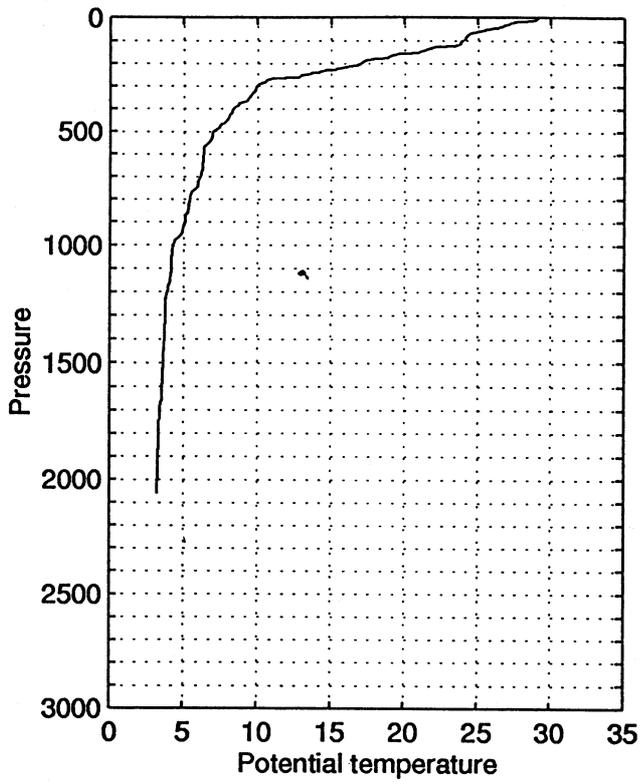
data reduction: 1 dbar

le 28/11/1995 a 11.20 tu -8.3131 125.0333 depth : 3220 m (3263.dbar)

press.	prof	temp.	theta	salin	sigtheta	sigmaamat	gamprf	gpts	avsp	h-dyn	v(sound)	bva
		(*1e5) (mdyn)										(cph)
0.	0.0	29.225	29.225	34.312	21.474	21.472	27.669	21.472	631.7	0.000	1543.3	0.00
10.	9.9	29.000	28.998	34.317	21.554	21.551	27.753	21.594	624.6	0.063	1543.0	2.63
20.	19.9	27.551	27.546	34.447	22.128	22.125	28.351	22.211	570.0	0.122	1540.1	8.21
27.	26.8	27.183	27.176	34.404	22.215	22.211	28.445	22.465	552.0	0.162	1539.3	5.09
40.	39.8	26.514	26.505	34.383	22.412	22.407	28.654	22.579	543.8	0.234	1538.0	11.42
51.	50.7	25.625	25.614	34.410	22.710	22.704	28.969	22.924	515.7	0.293	1536.1	10.62
60.	59.7	25.093	25.080	34.414	22.876	22.870	29.146	23.129	500.2	0.339	1535.0	6.92
70.	69.6	24.444	24.429	34.407	23.067	23.061	29.350	23.363	482.3	0.388	1533.6	3.77
80.	79.5	24.288	24.271	34.403	23.139	23.104	29.396	23.450	478.6	0.436	1533.4	0.88
90.	89.5	24.193	24.174	34.403	23.139	23.132	29.427	23.521	476.3	0.483	1533.3	1.96
100.	99.4	23.963	23.942	34.399	23.206	23.198	29.498	23.630	470.3	0.531	1532.9	5.33
110.	109.4	23.837	23.814	34.406	23.248	23.240	29.543	23.715	466.7	0.577	1532.8	1.64
120.	119.3	23.605	23.580	34.423	23.329	23.320	29.629	23.839	459.4	0.624	1532.4	7.08
130.	129.2	21.956	21.930	34.507	23.865	23.856	30.198	24.420	408.4	0.667	1528.4	3.34
140.	139.2	21.496	21.469	34.522	24.003	23.995	30.347	24.603	395.5	0.707	1527.3	4.59
150.	149.1	21.047	21.018	34.538	24.139	24.130	30.492	24.782	382.9	0.746	1526.3	4.51
160.	159.0	19.531	19.502	34.539	24.541	24.532	30.929	25.231	344.7	0.783	1522.3	6.16
170.	169.0	19.006	18.976	34.529	24.669	24.660	31.070	25.404	332.8	0.816	1521.0	1.86
180.	178.9	17.941	17.910	34.538	24.941	24.933	31.368	25.723	306.9	0.848	1518.1	9.97
190.	188.8	17.194	17.162	34.556	25.136	25.127	31.581	25.963	288.6	0.878	1516.1	5.54
200.	198.8	17.037	17.004	34.551	25.169	25.161	31.619	26.041	285.7	0.907	1515.7	3.50
210.	208.7	16.496	16.462	34.534	25.284	25.275	31.747	26.201	274.9	0.935	1514.3	9.53
220.	218.6	15.716	15.682	34.544	25.470	25.461	31.954	26.434	257.3	0.962	1512.0	7.25
230.	228.6	14.644	14.610	34.540	25.703	25.695	32.216	26.715	235.1	0.986	1508.8	7.63
240.	238.5	13.767	13.733	34.541	25.889	25.881	32.426	26.949	217.4	1.009	1506.1	9.28
252.	250.4	13.007	12.972	34.530	26.035	26.028	32.595	27.152	203.5	1.035	1503.8	6.61
258.	256.4	12.863	12.827	34.513	26.051	26.043	32.614	27.574	169.3	1.047	1503.4	3.61
270.	268.3	10.842	10.809	34.514	26.432	26.426	33.057	27.641	165.2	1.068	1496.7	2.70
280.	278.2	10.578	10.544	34.517	26.481	26.475	33.114	27.736	160.7	1.084	1495.9	3.86
290.	288.2	10.147	10.113	34.521	26.559	26.552	33.205	27.861	153.3	1.100	1494.6	3.15
300.	298.1	9.974	9.940	34.519	26.587	26.580	33.239	27.935	150.8	1.115	1494.1	3.33
320.	318.0	9.847	9.811	34.516	26.607	26.600	33.263	28.045	149.3	1.145	1494.0	3.15
341.	338.8	9.555	9.517	34.521	26.660	26.653	33.326	28.195	144.5	1.176	1493.3	2.73
360.	357.7	9.358	9.318	34.524	26.694	26.687	33.366	28.316	141.5	1.203	1492.9	2.05
380.	377.5	8.767	8.726	34.531	26.795	26.788	33.486	28.511	132.0	1.230	1491.0	1.86
400.	397.4	8.357	8.315	34.539	26.865	26.858	33.570	28.675	125.4	1.256	1489.8	3.76
420.	417.2	8.268	8.224	34.539	26.878	26.871	33.587	28.779	124.4	1.281	1489.8	1.07
440.	437.1	8.069	8.024	34.542	26.911	26.904	33.626	28.904	121.5	1.306	1489.4	1.96
460.	456.9	7.809	7.763	34.543	26.950	26.943	33.674	29.036	117.9	1.330	1488.8	3.61
480.	476.8	7.491	7.444	34.547	27.000	26.993	33.735	29.180	113.3	1.353	1487.9	0.00
500.	496.6	7.032	6.984	34.561	27.075	27.068	33.826	29.351	106.0	1.375	1486.5	2.55
518.	514.5	6.992	6.943	34.559	27.080	27.073	33.832	29.465	105.5	1.394	1486.6	0.00
540.	536.3	6.850	6.799	34.561	27.101	27.094	33.858	29.560	104.0	1.417	1486.4	2.31
561.	557.1	6.518	6.467	34.565	27.149	27.141	33.918	29.707	99.4	1.438	1485.5	2.95
580.	575.9	6.417	6.364	34.564	27.162	27.155	33.935	29.808	98.4	1.457	1485.4	1.24
600.	595.8	6.399	6.345	34.563	27.163	27.156	33.937	29.900	98.5	1.477	1485.6	0.87
620.	615.6	6.376	6.319	34.564	27.167	27.159	33.942	29.995	98.4	1.496	1485.9	0.62
641.	636.4	6.359	6.301	34.563	27.169	27.161	33.945	30.092	98.5	1.517	1486.2	0.00
660.	655.3	6.350	6.290	34.564	27.171	27.163	33.947	30.180	98.6	1.536	1486.4	0.62
680.	675.1	6.269	6.207	34.566	27.183	27.175	33.962	30.285	97.6	1.555	1486.4	1.07
693.	688.0	6.230	6.167	34.566	27.189	27.180	33.969	30.467	95.4	1.568	1486.5	0.00
745.	739.5	6.018	5.952	34.574	27.222	27.213	34.010	30.737	90.2	1.618	1486.5	1.52
800.	794.0	5.483	5.415	34.583	27.296	27.287	34.103	30.955	87.4	1.667	1485.3	0.87
850.	843.5	5.368	5.295	34.585	27.312	27.303	34.124	31.200	86.3	1.710	1485.7	0.00
900.	893.0	5.175	5.099	34.587	27.337	27.328	34.156	31.456	84.1	1.753	1485.7	0.00
949.	941.5	4.941	4.862	34.589	27.365	27.356	34.194	31.823	78.6	1.793	1485.6	3.00
997.	989.0	4.405	4.326	34.599	27.433	27.424	34.281	32.049	74.0	1.830	1484.2	1.34
1050.	1041.5	4.256	4.174	34.602	27.452	27.443	34.306	32.274	72.9	1.869	1484.5	0.00
1100.	1090.9	4.245	4.158	34.601	27.453	27.443	34.308	32.502	73.3	1.906	1485.2	0.00
1150.	1140.4	4.172	4.082	34.602	27.461	27.452	34.320	32.740	72.7	1.942	1485.8	0.00
1200.	1189.8	4.015	3.922	34.606	27.481	27.471	34.345	32.991	71.0	1.978	1485.9	0.62
1250.	1239.3	3.879	3.783	34.607	27.496	27.486	34.366	33.237	69.6	2.013	1486.2	0.00
1300.	1288.7	3.864	3.764	34.606	27.497	27.487	34.367	33.465	69.9	2.048	1487.0	0.00
1400.	1387.5	3.834	3.726	34.605	27.500	27.489	34.372	33.921	70.4	2.118	1488.5	0.00
1501.	1487.2	3.769	3.653	34.606	27.509	27.497	34.383	34.388	70.3	2.189	1489.9	0.50
1600.	1584.9	3.692	3.567	34.608	27.518	27.506	34.397	34.847	70.0	2.259	1491.3	0.00
1700.	1683.6	3.566	3.434	34.611	27.534	27.521	34.417	35.318	68.9	2.328	1492.4	0.62
1800.	1782.2	3.482	3.342	34.611	27.543	27.529	34.430	35.779	68.5	2.397	1493.7	0.62
1900.	1880.8	3.441	3.292	34.613	27.549	27.535	34.438	36.236	68.5	2.465	1495.2	0.00
2000.	1979.3	3.422	3.265	34.615	27.553	27.538	34.443	36.688	68.9	2.534	1496.8	0.87
fin	2060.	2038.4	3.411	3.247	34.615	27.555	27.539	34.445	0.000	2.6*****	1.4	

Mean vertical sound speed between 0. et 2060. dbar : 1493.9 m/s  
Reference pressure for gamprf : 1500. dbar

JADE 95 Station 51 - (28 Nov 95)



# STATION 51

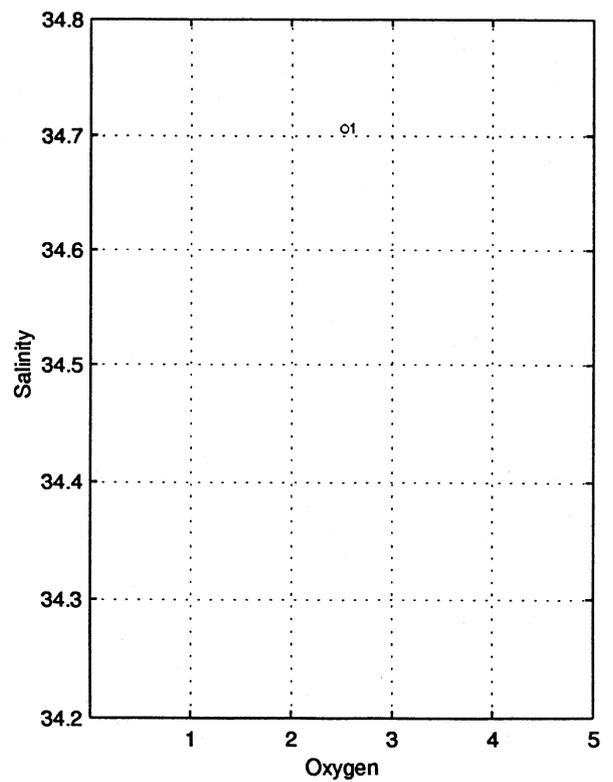
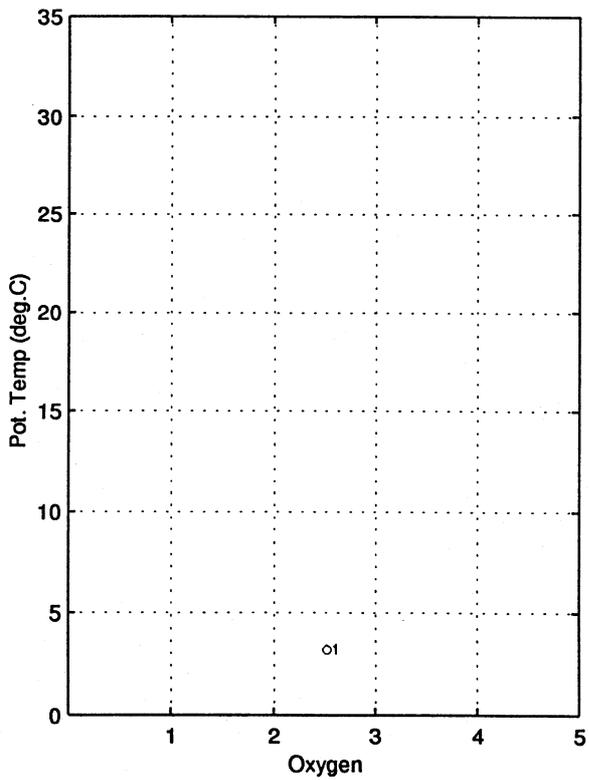
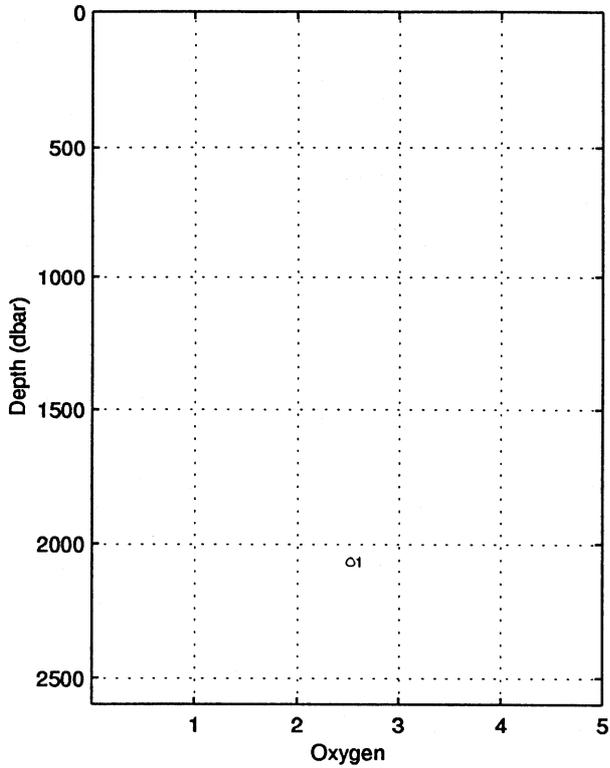
JADE 95

## Oxygen Profile

Bathysonde : Guildline INSU-Brest

Area : South Banda & Timor Sea - Indonesia

Cruise name : JADE95 - R/V Baruna Jaya I





98/10/14  
12:15:37

listacor\_52

1

JADE 95

station : 52.00

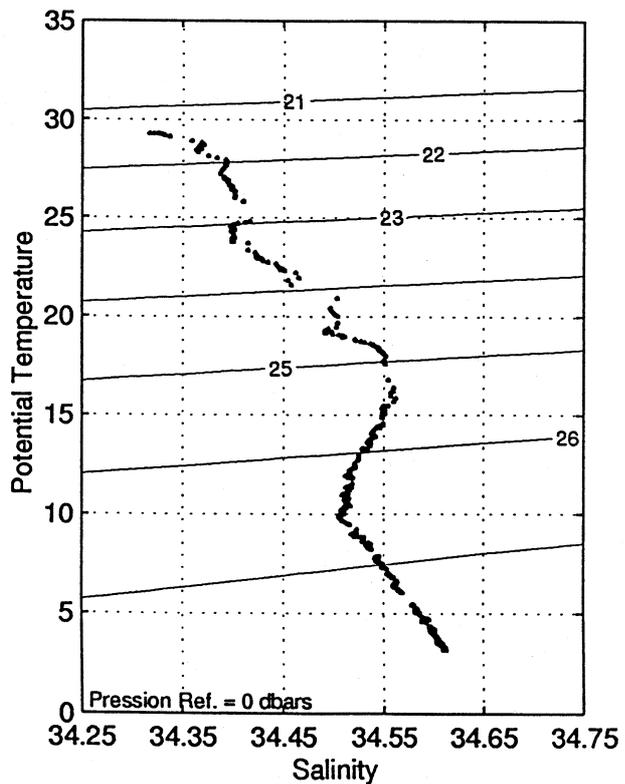
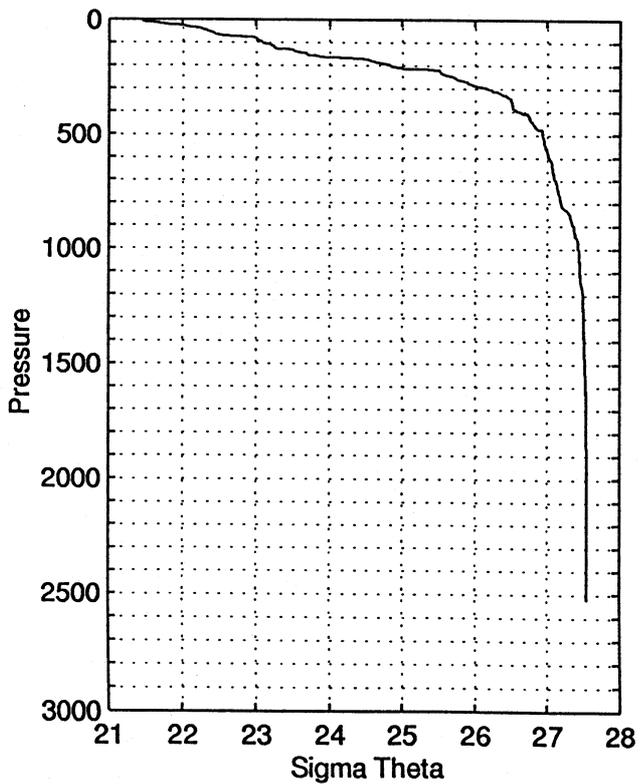
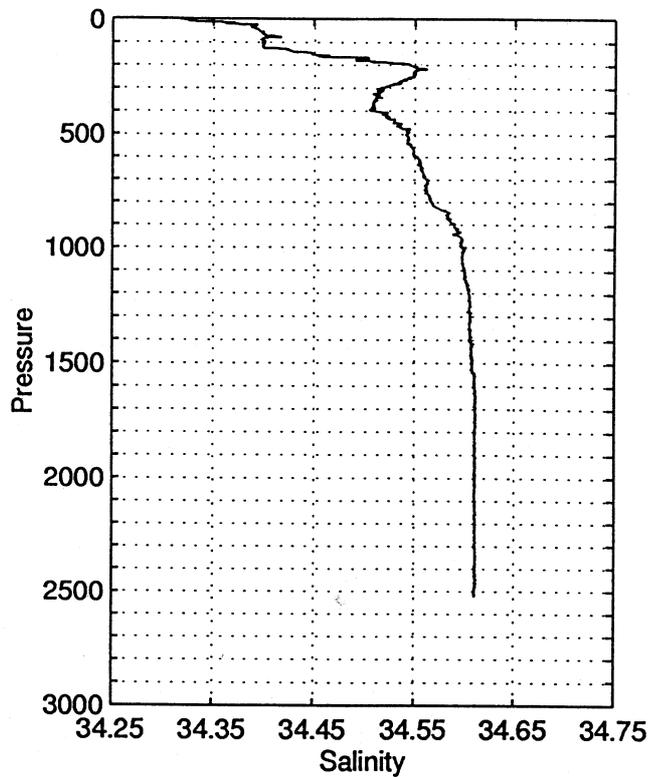
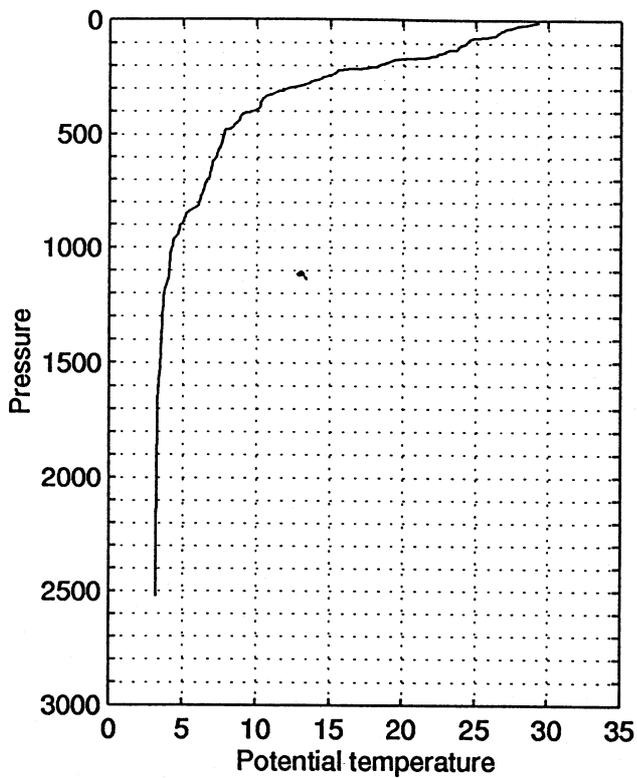
data reduction: 1 dbar

le 28/11/1995 a 14.15 tu -8.2763 124.5996 depth : 2929 m (2966.dbar)

press.	prof	temp.	theta	salin	sigtheta	sigmaamm	gamprf	gapts	avsp	h-dyn	v(sound)	bva
								(*1e5)	(mdyn)		(cph)	
0.	0.0	29.291	29.290	34.317	21.457	21.454	27.650	21.454	633.4	0.000	1543.4	0.00
10.	9.9	29.247	29.244	34.330	21.482	21.478	27.676	21.521	631.5	0.063	1543.5	6.22
20.	19.9	28.467	28.462	34.362	21.766	21.762	27.974	21.848	604.7	0.125	1542.0	5.67
30.	29.8	27.646	27.639	34.391	22.057	22.052	28.278	22.181	577.4	0.184	1540.4	7.78
40.	39.8	26.999	26.990	34.391	22.264	22.259	28.498	22.431	557.9	0.240	1539.1	3.22
50.	49.7	26.696	26.685	34.396	22.365	22.359	28.604	22.574	548.7	0.296	1538.6	7.11
60.	59.7	26.471	26.457	34.399	22.439	22.433	28.682	22.691	542.1	0.350	1538.2	3.28
70.	69.6	25.835	25.819	34.409	22.646	22.639	28.901	22.941	522.7	0.404	1536.9	14.30
81.	80.5	24.640	24.623	34.400	23.004	22.996	29.282	23.346	488.9	0.459	1534.2	4.82
90.	89.5	24.494	24.475	34.398	23.046	23.039	29.328	23.427	485.2	0.503	1534.0	4.38
100.	99.4	24.327	24.306	34.399	23.097	23.089	29.382	23.521	480.8	0.551	1533.8	3.10
110.	109.4	23.976	23.953	34.399	23.202	23.194	29.494	23.669	471.1	0.599	1533.1	1.39
120.	119.3	23.803	23.778	34.398	23.253	23.244	29.549	23.763	466.7	0.645	1532.8	3.34
130.	129.2	23.175	23.149	34.422	23.454	23.445	29.763	24.008	447.8	0.692	1531.4	8.70
140.	139.2	22.815	22.786	34.430	23.564	23.554	29.880	24.161	437.7	0.736	1530.7	9.70
150.	149.1	22.395	22.365	34.447	23.696	23.687	30.021	24.337	425.4	0.779	1529.8	2.15
159.	158.0	21.857	21.826	34.454	23.853	23.843	30.190	24.612	404.5	0.817	1528.5	9.75
170.	169.0	20.051	20.020	34.504	24.380	24.370	30.756	25.112	360.5	0.859	1523.9	8.36
180.	178.9	19.229	19.197	34.491	24.583	24.574	30.979	25.361	341.3	0.894	1521.7	4.42
190.	188.8	18.777	18.744	34.527	24.726	24.716	31.132	25.548	328.0	0.927	1520.7	8.12
200.	198.8	18.344	18.309	34.546	24.849	24.839	31.266	25.716	316.6	0.959	1519.6	4.72
210.	208.7	17.636	17.601	34.551	25.027	25.017	31.461	25.940	299.8	0.990	1517.7	10.00
220.	218.6	15.521	15.487	34.554	25.521	25.513	32.010	26.486	252.4	1.017	1511.4	11.23
230.	228.6	15.426	15.391	34.550	25.540	25.531	32.032	26.549	250.9	1.043	1511.3	3.77
240.	238.5	15.139	15.103	34.551	25.604	25.595	32.103	26.658	245.0	1.068	1510.6	5.97
250.	248.4	14.560	14.523	34.549	25.729	25.720	32.244	26.829	233.2	1.091	1508.9	6.67
261.	259.4	14.272	14.234	34.540	25.783	25.774	32.306	26.933	228.3	1.117	1508.1	5.79
271.	269.3	13.674	13.635	34.537	25.906	25.897	32.446	27.103	216.6	1.139	1506.4	6.45
281.	279.2	13.366	13.327	34.529	25.962	25.954	32.512	27.205	211.4	1.161	1505.5	4.82
290.	288.2	12.872	12.832	34.525	26.059	26.051	32.623	27.345	202.2	1.179	1504.0	6.15
300.	298.1	12.127	12.088	34.516	26.197	26.189	32.782	27.531	189.0	1.199	1501.6	5.71
320.	318.0	11.222	11.182	34.514	26.365	26.357	32.978	27.794	173.1	1.235	1498.8	5.25
341.	338.8	10.463	10.423	34.517	26.502	26.495	33.139	28.030	160.1	1.270	1496.5	4.81
360.	357.7	10.302	10.259	34.509	26.525	26.517	33.167	28.139	158.3	1.300	1496.2	1.38
380.	377.5	10.256	10.211	34.508	26.532	26.524	33.176	28.236	158.0	1.332	1496.4	1.96
400.	397.4	9.697	9.651	34.509	26.628	26.620	33.289	28.426	149.0	1.363	1494.7	5.39
420.	417.2	8.952	8.907	34.522	26.759	26.751	33.445	28.654	136.3	1.391	1492.4	1.52
439.	436.1	8.845	8.798	34.530	26.782	26.775	33.472	28.817	132.0	1.417	1492.3	1.16
460.	456.9	8.512	8.463	34.535	26.839	26.831	33.539	28.917	129.2	1.444	1491.4	2.23
480.	476.8	7.900	7.851	34.545	26.939	26.931	33.660	29.114	119.5	1.470	1489.4	1.52
500.	496.6	7.846	7.796	34.543	26.945	26.937	33.668	29.211	119.2	1.493	1489.6	1.24
520.	516.4	7.748	7.695	34.544	26.961	26.953	33.687	29.318	117.9	1.517	1489.5	2.23
538.	534.3	7.686	7.632	34.542	26.969	26.961	33.698	29.438	116.9	1.538	1489.6	0.00
560.	556.1	7.535	7.479	34.548	26.995	26.987	33.729	29.536	115.2	1.564	1489.4	0.87
580.	575.9	7.391	7.334	34.549	27.017	27.008	33.756	29.649	113.3	1.587	1489.1	1.07
600.	595.8	7.293	7.235	34.552	27.034	27.025	33.776	29.758	111.9	1.609	1489.1	0.00
621.	616.6	7.034	6.975	34.555	27.072	27.064	33.824	29.895	108.3	1.632	1488.4	2.05
640.	635.4	7.003	6.941	34.556	27.077	27.069	33.830	29.986	108.0	1.653	1488.6	1.38
660.	655.3	6.938	6.875	34.556	27.086	27.078	33.842	30.087	107.4	1.674	1488.7	0.00
680.	675.1	6.857	6.792	34.559	27.100	27.091	33.858	30.192	106.3	1.696	1488.7	0.87
700.	694.9	6.684	6.618	34.563	27.127	27.118	33.891	30.312	103.9	1.717	1488.4	2.40
750.	744.4	6.414	6.345	34.561	27.161	27.152	33.936	30.577	100.9	1.768	1488.2	1.75
800.	794.0	6.166	6.093	34.567	27.199	27.189	33.982	30.845	97.7	1.818	1488.0	0.62
849.	842.5	5.288	5.216	34.584	27.321	27.312	34.136	31.236	85.1	1.863	1485.3	1.24
900.	893.0	4.868	4.795	34.591	27.374	27.366	34.205	31.501	79.9	1.905	1484.5	1.07
947.	939.5	4.637	4.561	34.594	27.403	27.394	34.243	31.835	74.7	1.943	1484.3	3.53
1002.	994.0	4.291	4.213	34.602	27.448	27.439	34.301	32.051	72.9	1.984	1483.8	2.91
1050.	1041.5	4.207	4.125	34.598	27.454	27.445	34.310	32.278	72.6	2.019	1484.2	0.00
1100.	1090.9	4.150	4.065	34.601	27.462	27.453	34.321	32.514	72.1	2.055	1484.8	1.24
1150.	1140.4	4.014	3.925	34.603	27.478	27.469	34.343	32.761	70.7	2.091	1485.1	1.07
1200.	1189.8	3.819	3.728	34.605	27.500	27.490	34.372	33.016	68.6	2.125	1485.1	1.07
1250.	1239.3	3.774	3.679	34.606	27.506	27.496	34.380	33.250	68.4	2.160	1485.8	0.87
1300.	1288.7	3.694	3.595	34.607	27.515	27.505	34.392	33.488	67.7	2.194	1486.3	0.00
1400.	1387.5	3.662	3.556	34.604	27.517	27.506	34.395	33.944	68.3	2.262	1487.8	0.00
1500.	1486.2	3.599	3.484	34.608	27.526	27.515	34.408	34.408	68.0	2.330	1489.2	0.00
1600.	1584.9	3.482	3.360	34.611	27.541	27.529	34.427	34.878	67.1	2.397	1490.4	0.00
1700.	1683.6	3.420	3.290	34.612	27.548	27.536	34.438	35.338	66.9	2.464	1491.8	0.87
1800.	1782.2	3.421	3.282	34.612	27.549	27.535	34.438	35.788	67.7	2.531	1493.5	0.00
1900.	1880.8	3.404	3.256	34.612	27.552	27.537	34.442	36.240	68.1	2.599	1495.1	0.00
2000.	1979.3	3.394	3.237	34.612	27.553	27.538	34.444	36.690	68.7	2.668	1496.7	0.00
2100.	2077.8	3.396	3.229	34.611	27.554	27.538	34.445	37.137	69.5	2.737	1498.4	0.62
2200.	2176.2	3.395	3.218	34.611	27.555	27.538	34.447	37.583	70.2	2.807	1500.1	1.07
2300.	2274.6	3.407	3.221	34.612	27.555	27.537	34.447	38.027	71.0	2.877	1501.8	0.62
2402.	2374.9	3.408	3.212	34.612	27.556	27.537	34.448	38.481	71.7	2.950	1503.5	0.40
2500.	2471.3	3.404	3.198	34.611	27.557	27.537	34.449	38.916	72.3	3.021	1505.2	0.00
fin	2522.	2492.9	3.403	3.195	34.611	27.557	27.537	34.450	0.000	3.0*****	0.0	

Mean vertical sound speed between 0. et 2522. dbar : 1496.1 m/s  
Reference pressure for gamprf : 1500. dbar

JADE 95 Station 52 - (28 Nov 95)



# STATION 52

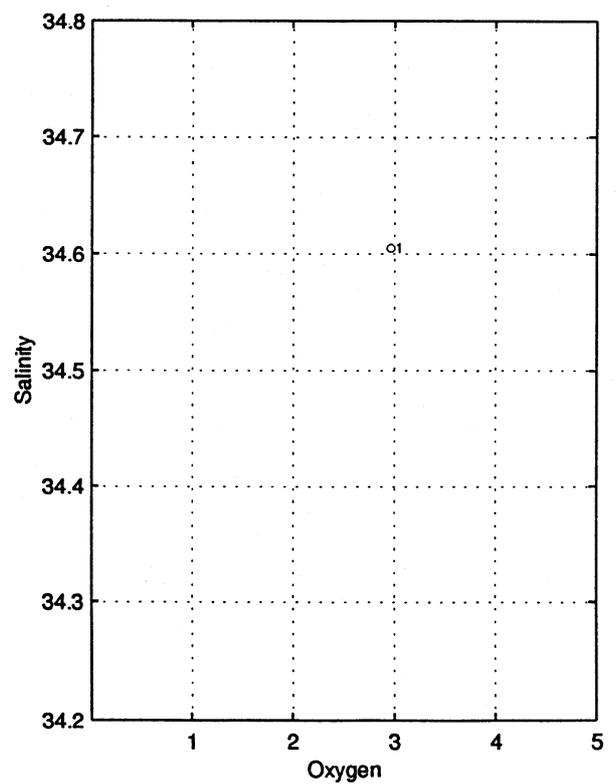
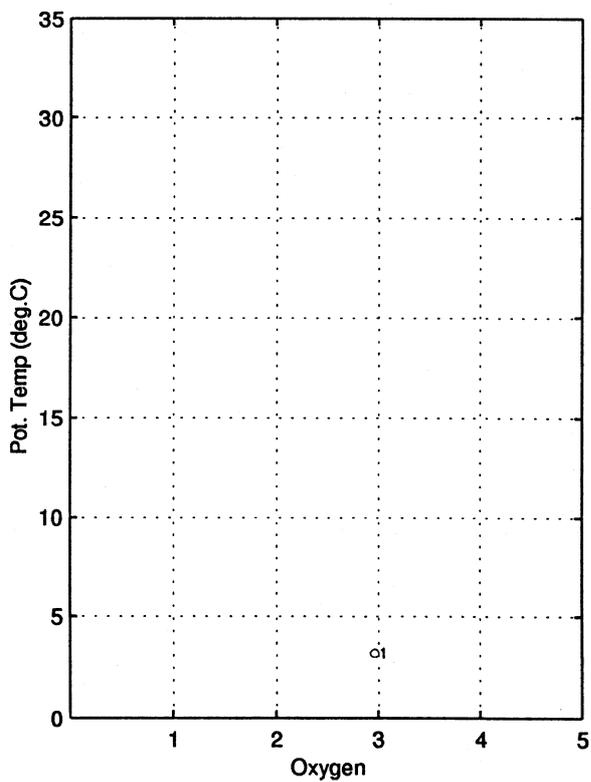
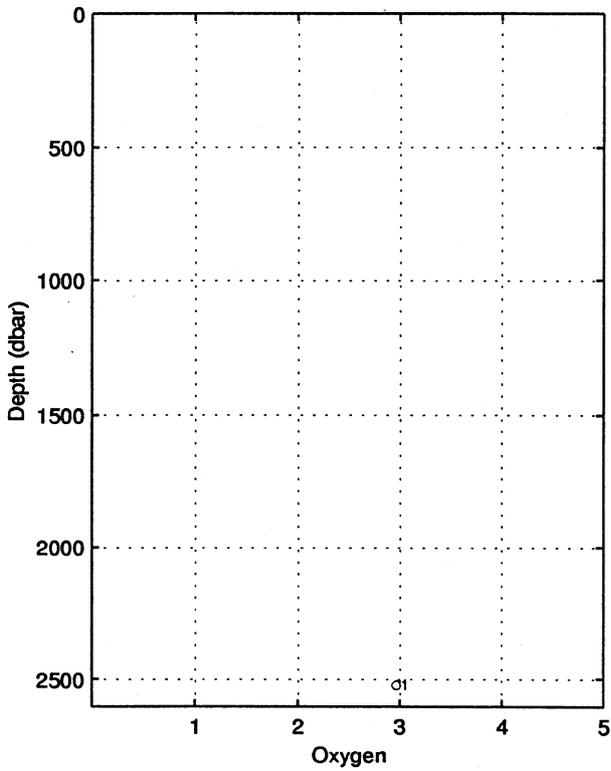
JADE 95

## Oxygen Profile

Bathysonde : Guildline INSU-Brest

Area : South Banda & Timor Sea - Indonesia

Cruise name : JADE95 - R/V Baruna Jaya I



98/10/14  
12:15:38

listacor\_53

1

JADE 95

station : 53.00

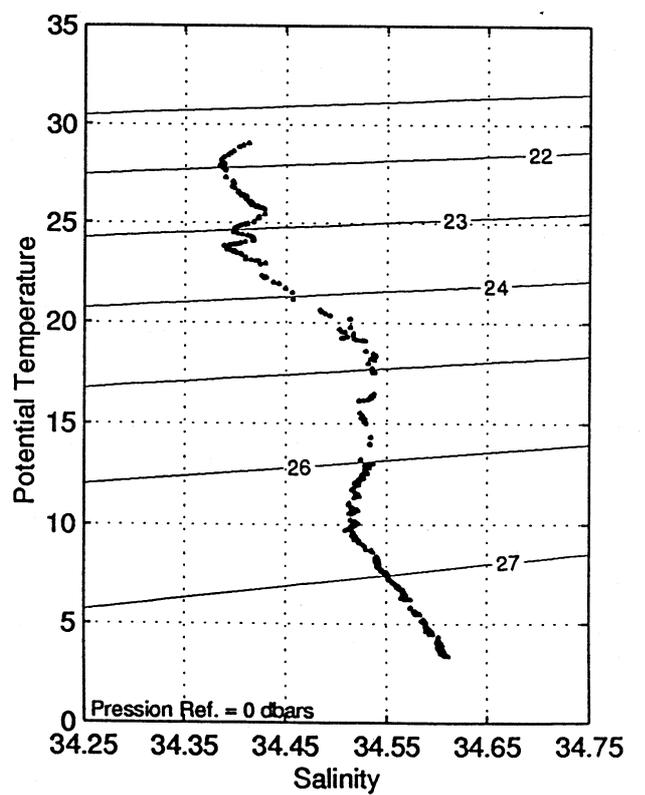
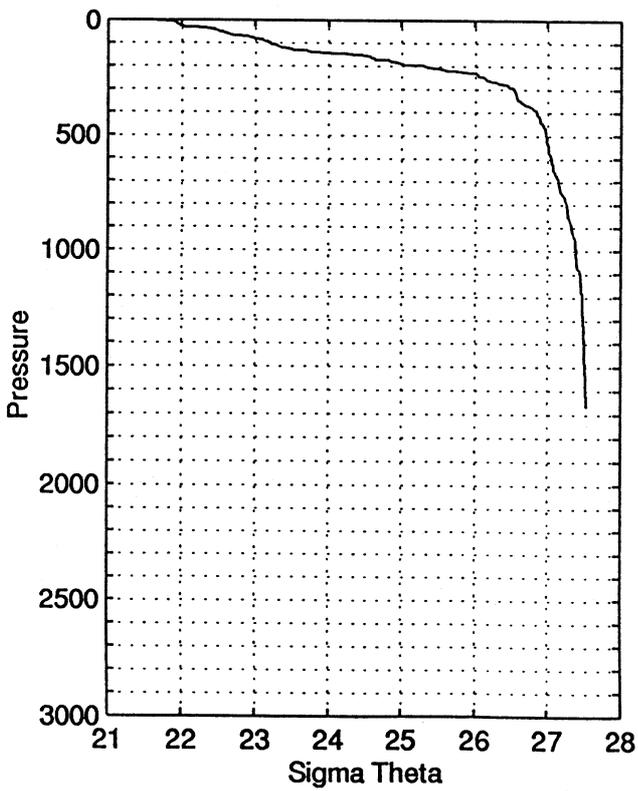
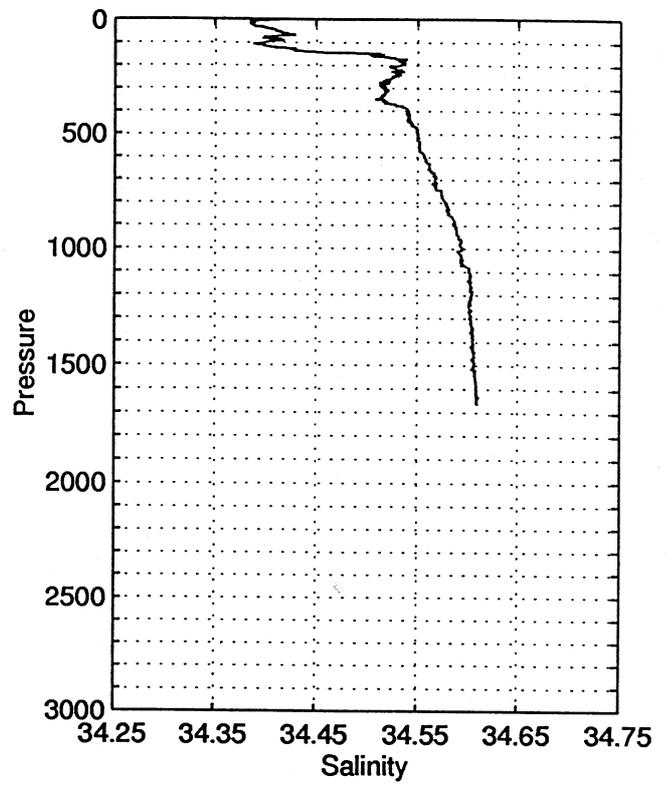
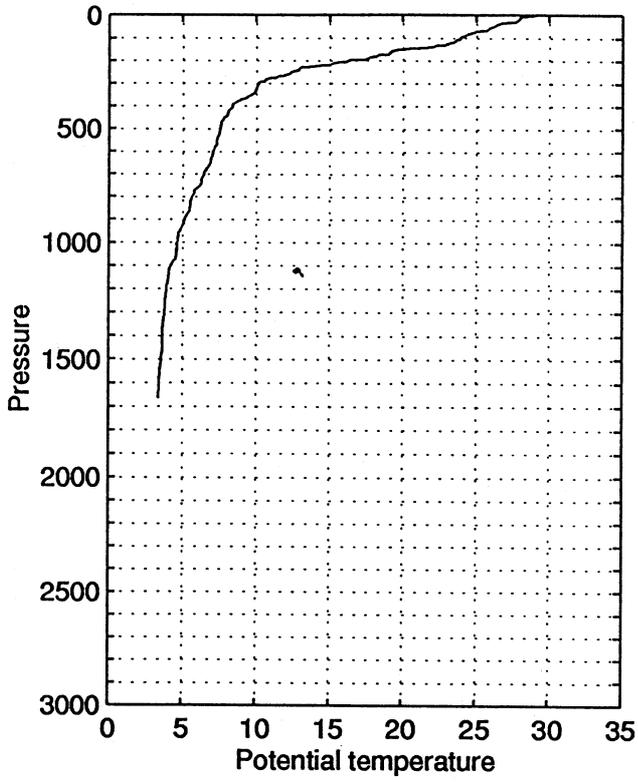
data reduction: 1 dbar

le 28/11/1995 a 16.45 tu -8.2483 124.5923 depth : 1953 m (1973.dbar)

press.	prof	temp.	theta	salin	sigtheta	sigamma	gamprf	gapt	avsp	h-dyn	v(sound)	bva
								(*1e5)		(mdyn)	(cph)	
0.	0.0	29.063	29.063	34.413	21.604	21.602	27.801	21.602	619.3	0.000	1543.0	0.00
10.	9.9	28.041	28.038	34.388	21.924	21.921	28.139	21.964	589.1	0.060	1540.9	4.36
20.	19.9	27.905	27.900	34.385	21.967	21.963	28.184	22.049	585.5	0.119	1540.8	6.89
29.	28.8	27.696	27.689	34.389	22.039	22.034	28.259	22.295	567.3	0.171	1540.5	6.78
40.	39.8	26.483	26.474	34.404	22.437	22.432	28.680	22.604	541.4	0.233	1537.9	8.80
50.	49.7	26.208	26.197	34.410	22.529	22.523	28.777	22.738	533.1	0.286	1537.5	5.00
61.	60.6	25.837	25.823	34.422	22.654	22.648	28.909	22.911	521.5	0.344	1536.8	4.77
70.	69.6	25.062	25.047	34.418	22.889	22.882	29.159	23.184	499.4	0.391	1535.1	12.17
80.	79.5	24.656	24.638	34.398	22.997	22.990	29.276	23.336	489.5	0.440	1534.3	2.40
90.	89.5	24.254	24.235	34.417	23.132	23.125	29.418	23.513	477.0	0.488	1533.5	5.61
100.	99.4	23.926	23.905	34.398	23.215	23.207	29.508	23.640	469.4	0.535	1532.8	1.96
110.	109.4	23.628	23.605	34.395	23.301	23.292	29.600	23.768	461.6	0.582	1532.2	7.33
120.	119.3	23.291	23.266	34.409	23.411	23.402	29.717	23.921	451.5	0.628	1531.6	11.39
131.	130.2	22.380	22.354	34.426	23.684	23.675	30.009	24.243	425.8	0.677	1529.4	12.94
140.	139.2	21.736	21.708	34.449	23.882	23.873	30.221	24.481	407.1	0.714	1527.9	14.60
151.	150.1	19.802	19.775	34.513	24.451	24.442	30.833	25.102	353.0	0.756	1522.9	13.08
160.	159.0	19.240	19.211	34.506	24.591	24.582	30.986	25.282	339.9	0.787	1521.5	3.16
169.	168.0	19.114	19.084	34.528	24.640	24.631	31.039	25.513	323.3	0.817	1521.3	2.32
180.	178.9	18.232	18.201	34.534	24.867	24.858	31.286	25.647	314.1	0.852	1518.9	3.94
190.	188.8	17.559	17.527	34.538	25.034	25.026	31.471	25.861	298.3	0.883	1517.1	5.87
200.	198.8	16.282	16.250	34.533	25.332	25.324	31.801	26.206	269.9	0.911	1513.4	3.16
210.	208.7	15.324	15.292	34.524	25.542	25.534	32.036	26.463	250.0	0.937	1510.6	8.37
220.	218.7	14.386	14.354	34.534	25.753	25.745	32.273	26.722	230.0	0.962	1507.8	12.52
230.	228.6	13.052	13.021	34.534	26.028	26.021	32.586	27.047	203.6	0.983	1503.6	3.71
240.	238.5	12.921	12.888	34.529	26.051	26.043	32.613	27.115	201.7	1.004	1503.3	0.88
250.	248.4	12.424	12.391	34.525	26.146	26.138	32.722	27.256	192.7	1.023	1501.8	5.71
260.	258.4	12.181	12.147	34.522	26.191	26.183	32.774	27.347	188.6	1.043	1501.2	6.25
270.	268.3	11.488	11.454	34.522	26.321	26.314	32.925	27.525	176.2	1.061	1498.9	5.87
280.	278.2	10.746	10.712	34.521	26.455	26.448	33.082	27.708	163.3	1.078	1496.5	6.00
289.	287.2	10.591	10.556	34.514	26.477	26.470	33.110	27.839	156.3	1.093	1496.1	3.44
300.	298.1	10.190	10.154	34.516	26.548	26.542	33.194	27.895	154.6	1.110	1494.9	0.00
320.	318.0	10.045	10.008	34.518	26.574	26.568	33.224	28.011	152.5	1.140	1494.7	0.00
340.	337.8	9.937	9.897	34.514	26.590	26.583	33.244	28.118	151.4	1.171	1494.6	1.86
360.	357.7	9.436	9.396	34.517	26.676	26.669	33.346	28.297	143.3	1.200	1493.1	2.23
380.	377.5	8.747	8.707	34.535	26.801	26.794	33.493	28.517	131.4	1.228	1490.9	2.47
400.	397.4	8.404	8.362	34.539	26.857	26.851	33.561	28.667	126.1	1.253	1490.0	0.00
420.	417.2	8.161	8.118	34.542	26.897	26.890	33.609	28.799	122.6	1.278	1489.4	1.86
440.	437.1	8.077	8.032	34.540	26.908	26.901	33.623	28.901	121.8	1.303	1489.4	1.07
460.	456.9	7.795	7.749	34.546	26.954	26.947	33.679	29.041	117.5	1.326	1488.7	1.96
480.	476.8	7.642	7.594	34.550	26.980	26.973	33.710	29.158	115.3	1.350	1488.5	0.62
500.	496.6	7.580	7.530	34.550	26.990	26.983	33.722	29.259	114.7	1.373	1488.5	1.96
520.	516.4	7.539	7.487	34.550	26.996	26.989	33.730	29.356	114.4	1.396	1488.7	2.23
540.	536.3	7.403	7.350	34.552	27.017	27.009	33.755	29.469	112.6	1.418	1488.5	1.24
560.	556.1	7.369	7.314	34.552	27.022	27.014	33.762	29.565	112.4	1.441	1488.7	0.62
579.	575.0	7.261	7.205	34.553	27.038	27.030	33.781	29.688	110.5	1.462	1488.6	0.00
599.	594.8	7.140	7.082	34.556	27.058	27.049	33.806	29.797	109.1	1.484	1488.5	0.00
620.	615.6	7.081	7.021	34.558	27.068	27.060	33.818	29.886	108.7	1.507	1488.6	2.31
640.	635.4	6.965	6.904	34.562	27.087	27.078	33.841	29.996	107.1	1.528	1488.5	0.62
660.	655.3	6.834	6.772	34.564	27.107	27.098	33.866	30.109	105.3	1.550	1488.3	1.38
679.	674.1	6.666	6.602	34.567	27.132	27.123	33.896	30.243	102.4	1.570	1488.0	0.00
700.	694.9	6.497	6.432	34.567	27.155	27.146	33.925	30.343	100.9	1.591	1487.7	0.00
746.	740.5	6.299	6.231	34.574	27.186	27.177	33.964	30.752	92.8	1.637	1487.7	2.40
800.	794.0	5.689	5.619	34.578	27.267	27.259	34.068	30.923	90.4	1.687	1486.1	0.87
850.	843.5	5.573	5.499	34.581	27.284	27.275	34.088	31.168	89.3	1.732	1486.5	0.00
900.	893.0	5.218	5.142	34.587	27.331	27.322	34.149	31.450	84.7	1.775	1485.9	0.00
957.	949.4	4.782	4.704	34.591	27.385	27.376	34.219	31.772	79.4	1.822	1485.1	1.97
1001.	993.0	4.696	4.615	34.596	27.398	27.389	34.236	31.987	78.4	1.857	1485.5	1.56
1050.	1041.5	4.656	4.571	34.593	27.401	27.392	34.241	32.213	78.6	1.896	1486.1	1.31
1097.	1088.0	4.279	4.192	34.601	27.448	27.439	34.302	32.556	72.6	1.932	1485.3	0.00
1152.	1142.4	4.137	4.047	34.603	27.465	27.456	34.325	32.754	72.3	1.972	1485.7	1.38
1200.	1189.8	3.993	3.900	34.604	27.482	27.472	34.347	32.992	70.8	2.006	1485.9	0.00
1244.	1233.3	3.937	3.841	34.601	27.485	27.475	34.353	33.280	70.8	2.037	1486.3	0.00
1300.	1288.7	3.874	3.773	34.602	27.493	27.483	34.363	33.460	70.3	2.077	1487.0	0.00
1400.	1387.5	3.767	3.659	34.605	27.507	27.496	34.381	33.930	69.6	2.147	1488.2	0.00
1500.	1486.2	3.684	3.568	34.607	27.517	27.506	34.395	34.395	69.2	2.216	1489.6	0.00
1600.	1584.9	3.543	3.420	34.609	27.533	27.521	34.417	34.868	68.0	2.285	1490.6	0.00
fin	1664.	1648.1	3.516	3.388	34.609	27.537	27.524	34.422	0.000	2.3*****	0.0	

Mean vertical sound speed between 0. et 1664. dbar : 1494.1 m/s  
Reference pressure for gamprf : 1500. dbar

JADE 95 Station 53 - (28 Nov 95)



# STATION 53

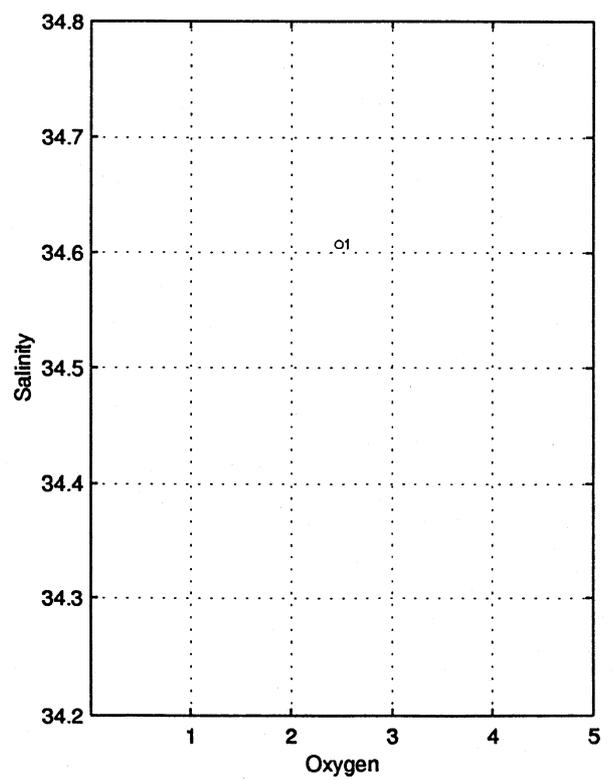
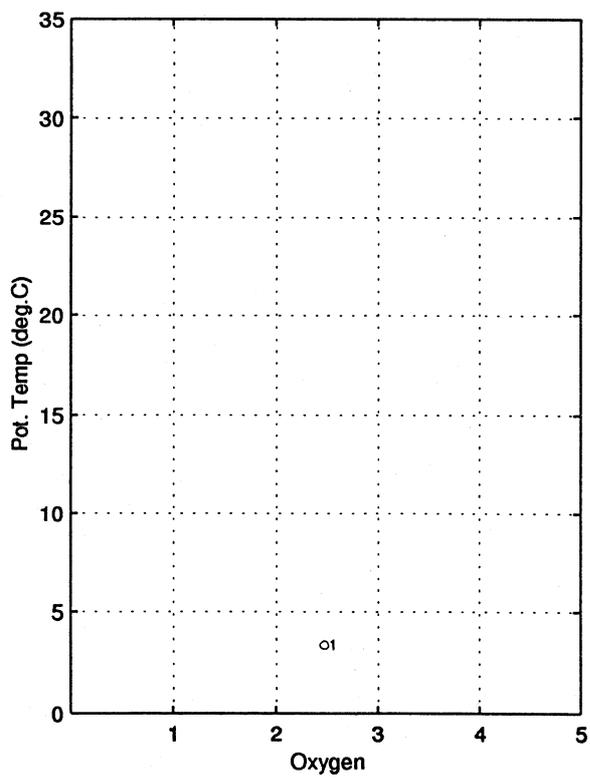
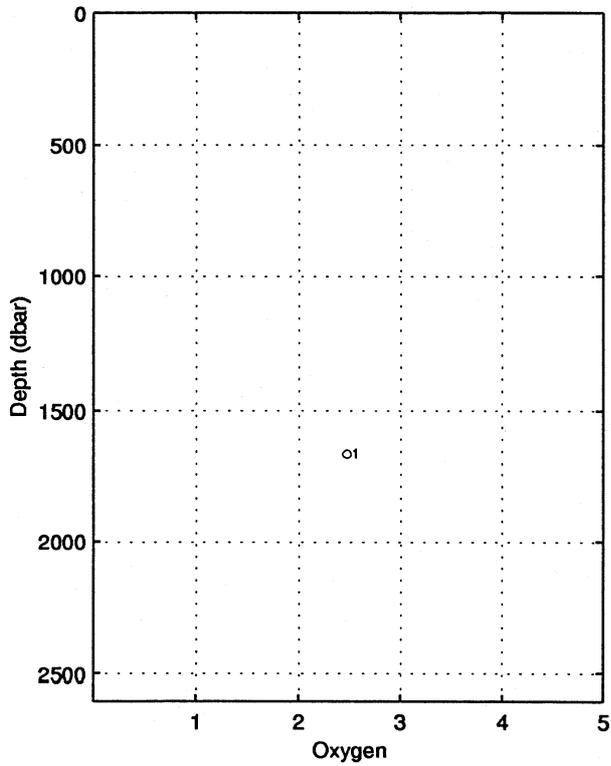
JADE 95

## Oxygen Profile

Bathysonde : Guildline INSU-Brest

Area : South Banda & Timor Sea - Indonesia

Cruise name : JADE95 - RV Baruna Jaya I



98/10/14  
12:15:38

listacor\_54

JADE 95

station : 54.00

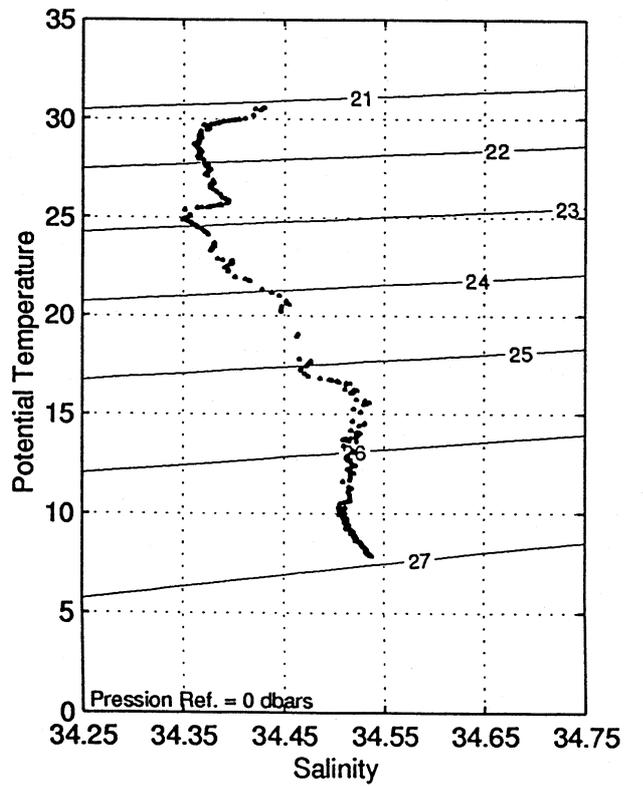
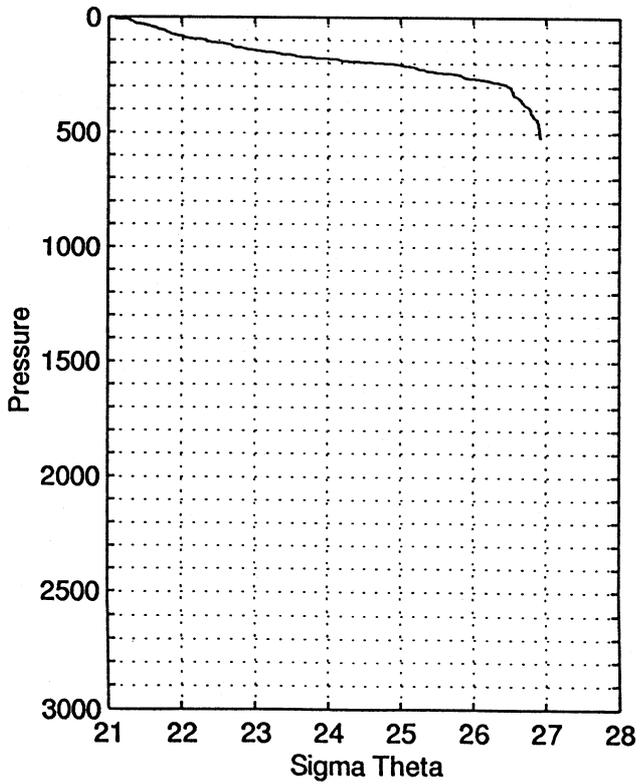
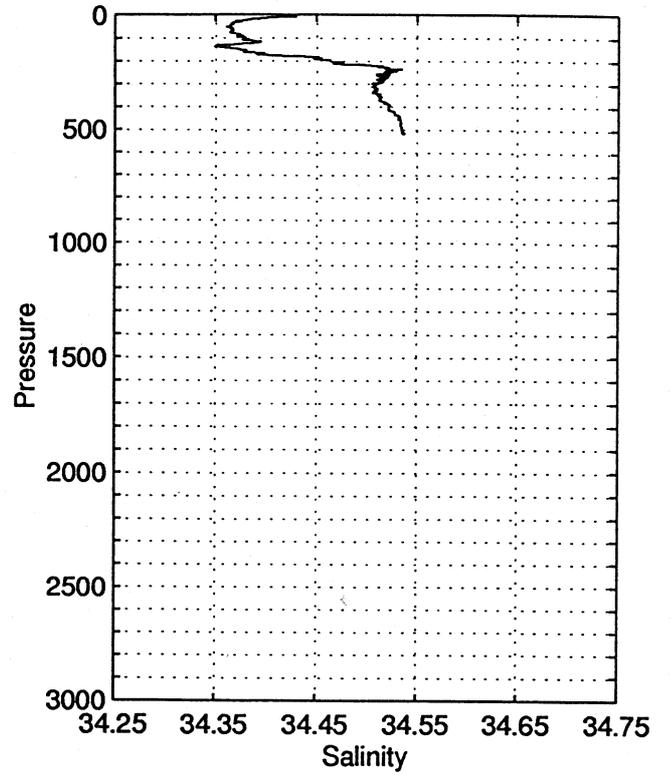
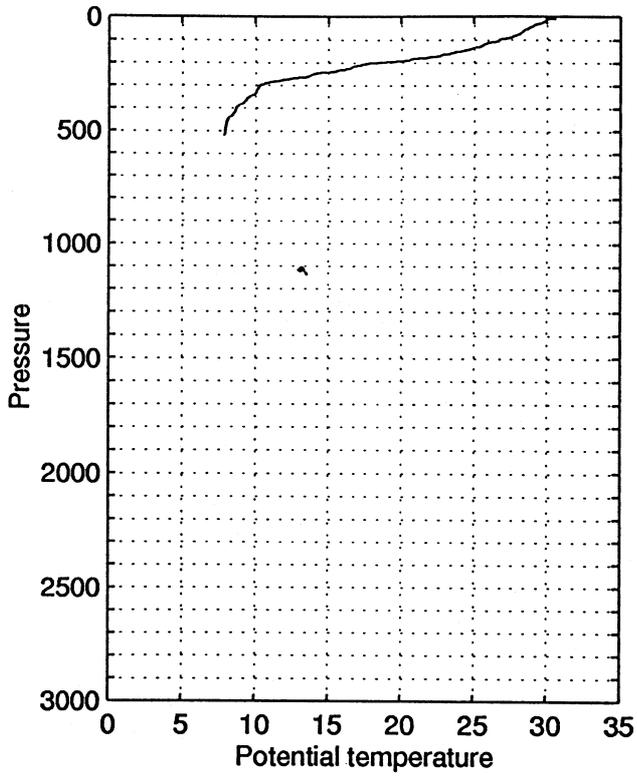
data reduction: 1 dbar

le 30/11/1995 a 15.14 tu -8.3510 123.4815 depth : 2781 m (2815.dbar)

press.	prof	temp.	theta	salin	sigtheta	sigmaamat	gamprf	gaps	avsp	h-dyn	v(sound)	bva
								(*1e5)	(mdyn)		(cph)	
5.	5.0	30.528	30.527	34.421	21.114	21.111	27.286	21.132	666.6	0.000	1546.2	0.00
10.	9.9	30.196	30.193	34.419	21.227	21.224	27.405	21.266	656.0	0.033	1545.6	15.98
20.	19.9	29.788	29.783	34.384	21.340	21.336	27.525	21.422	645.6	0.098	1544.9	5.32
30.	29.8	29.469	29.461	34.373	21.441	21.436	27.631	21.565	636.4	0.162	1544.3	8.09
40.	39.8	29.046	29.037	34.366	21.578	21.573	27.776	21.744	623.7	0.225	1543.6	4.70
50.	49.7	28.758	28.746	34.362	21.672	21.665	27.874	21.879	615.2	0.287	1543.2	2.63
60.	59.7	28.430	28.416	34.366	21.784	21.777	27.992	22.034	604.9	0.348	1542.6	3.10
70.	69.6	28.229	28.212	34.366	21.851	21.843	28.063	22.143	599.0	0.408	1542.3	2.63
81.	80.5	27.750	27.731	34.371	22.011	22.003	28.231	22.350	584.1	0.474	1541.5	10.00
90.	89.5	27.512	27.492	34.374	22.091	22.082	28.316	22.468	576.8	0.526	1541.1	8.07
100.	99.4	26.754	26.731	34.379	22.338	22.328	28.576	22.758	553.7	0.583	1539.5	2.32
110.	109.4	26.329	26.305	34.382	22.474	22.465	28.721	22.938	541.0	0.638	1538.7	10.79
120.	119.3	25.677	25.651	34.387	22.681	22.671	28.939	23.187	521.6	0.691	1537.4	4.72
129.	128.2	25.419	25.391	34.351	22.734	22.723	28.998	23.379	508.7	0.737	1536.9	8.21
140.	139.2	24.687	24.657	34.359	22.962	22.951	29.241	23.555	495.4	0.793	1535.3	9.12
152.	151.1	23.735	23.703	34.380	23.261	23.250	29.559	23.907	467.2	0.851	1533.2	10.04
159.	158.0	23.356	23.323	34.377	23.369	23.358	29.675	24.188	445.0	0.883	1532.3	9.05
170.	169.0	22.561	22.527	34.393	23.610	23.599	29.932	24.336	434.4	0.932	1530.5	8.04
180.	178.9	21.209	21.174	34.438	24.020	24.009	30.371	24.792	395.5	0.974	1527.1	12.85
190.	188.8	20.244	20.209	34.446	24.286	24.275	30.658	25.104	370.3	1.012	1524.7	8.91
202.	200.8	17.827	17.792	34.465	24.914	24.905	31.345	25.792	310.2	1.052	1518.0	12.36
211.	209.7	17.083	17.048	34.471	25.098	25.088	31.547	26.017	292.9	1.080	1516.0	8.58
220.	218.6	16.627	16.592	34.512	25.237	25.228	31.697	26.197	279.8	1.105	1514.8	7.14
230.	228.6	16.137	16.101	34.517	25.354	25.345	31.827	26.360	268.8	1.133	1513.5	6.16
241.	239.5	14.705	14.669	34.519	25.673	25.665	32.185	26.734	238.2	1.161	1509.2	12.08
250.	248.4	13.998	13.962	34.524	25.828	25.820	32.359	26.931	223.5	1.181	1507.0	3.03
261.	259.4	13.484	13.447	34.510	25.923	25.915	32.469	27.078	214.6	1.206	1505.5	6.97
270.	268.3	12.447	12.411	34.521	26.138	26.131	32.714	27.338	193.9	1.224	1502.2	3.71
281.	279.2	11.375	11.340	34.515	26.337	26.330	32.945	27.591	174.9	1.244	1498.7	9.44
290.	288.2	10.703	10.668	34.516	26.459	26.452	33.088	27.757	163.1	1.259	1496.5	7.00
300.	298.1	10.323	10.287	34.511	26.521	26.514	33.162	27.867	157.2	1.276	1495.3	2.62
320.	318.0	10.118	10.080	34.509	26.555	26.549	33.203	27.992	154.3	1.307	1494.9	1.96
340.	337.8	9.908	9.869	34.511	26.592	26.585	33.247	28.120	151.1	1.337	1494.5	5.50
360.	357.7	9.443	9.403	34.512	26.671	26.664	33.341	28.292	143.8	1.367	1493.2	0.62
380.	377.5	9.163	9.121	34.519	26.722	26.715	33.401	28.435	139.2	1.395	1492.5	2.77
400.	397.4	8.703	8.660	34.522	26.798	26.791	33.492	28.605	132.0	1.422	1491.1	0.00
420.	417.2	8.561	8.516	34.526	26.824	26.817	33.522	28.722	129.8	1.448	1490.9	2.62
440.	437.1	8.233	8.188	34.533	26.879	26.872	33.589	28.870	124.7	1.474	1490.0	2.55
460.	456.9	8.074	8.027	34.534	26.904	26.896	33.619	28.987	122.6	1.499	1489.7	2.40
480.	476.8	8.028	7.979	34.533	26.911	26.903	33.628	29.085	122.3	1.523	1489.9	1.24
500.	496.6	7.982	7.931	34.535	26.919	26.911	33.638	29.184	121.8	1.548	1490.1	1.86
fin	519.	515.4	7.902	7.849	34.538	26.934	26.926	33.655	0.000	1.6*****	2.6	

Mean vertical sound speed between 5. et 519. dbar : 1512.2 m/s  
Reference pressure for gamprf : 1500. dbar

JADE 95 Station 54 - (30 Nov 95)





# STATION 54

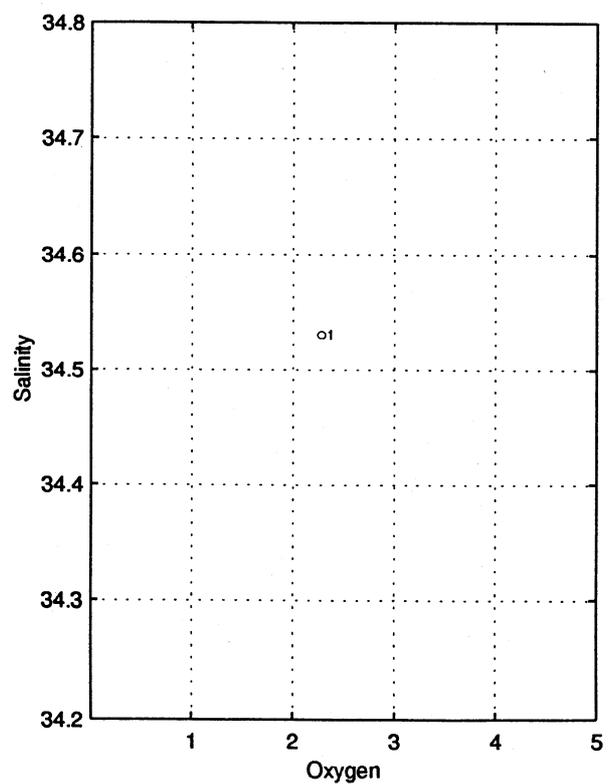
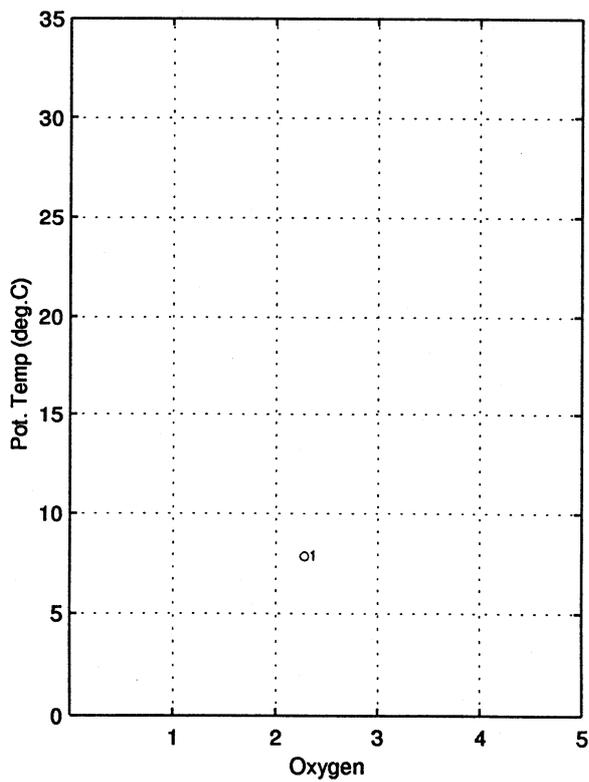
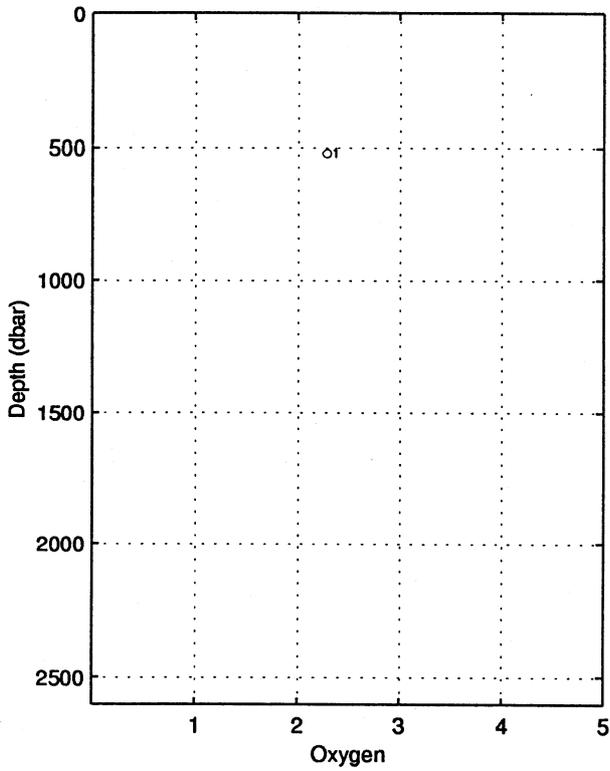
JADE 95

## Oxygen Profile

Bathysonde : Guildline INSU-Brest

Area : South Banda & Timor Sea - Indonesia

Cruise name : JADE95 - R/V Baruna Jaya I



98/10/14  
12:15:39

listacor\_55

1

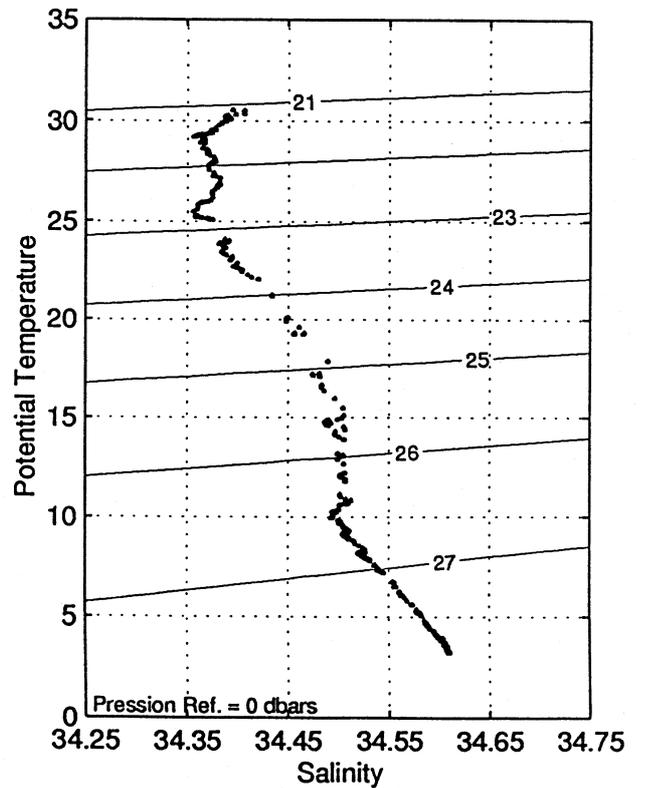
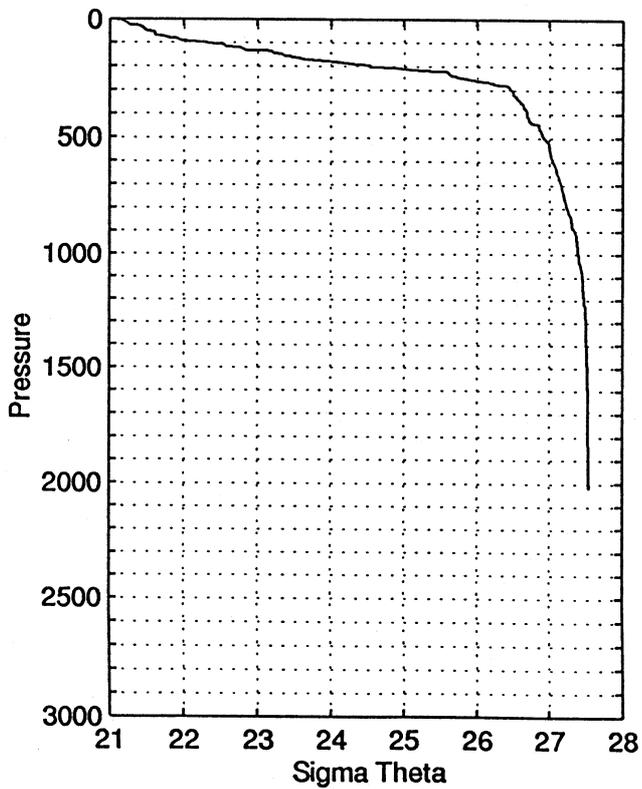
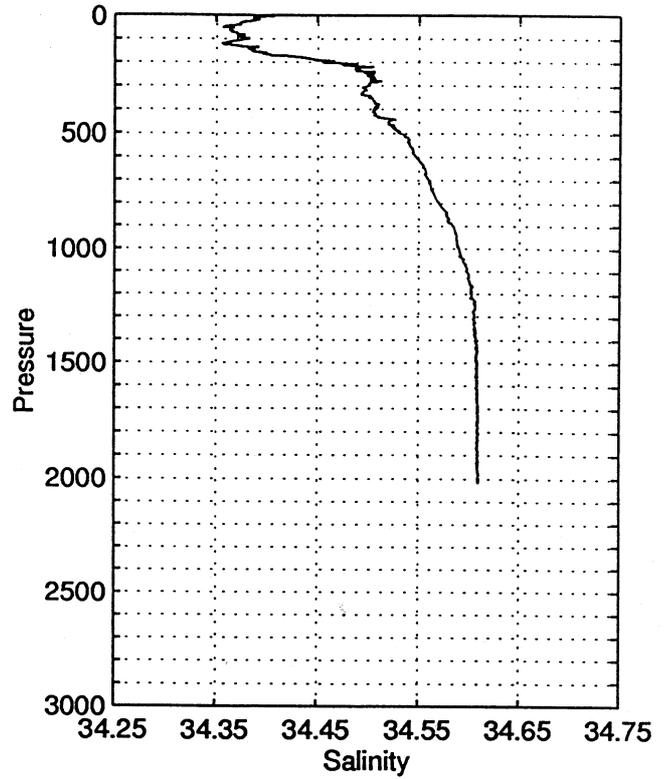
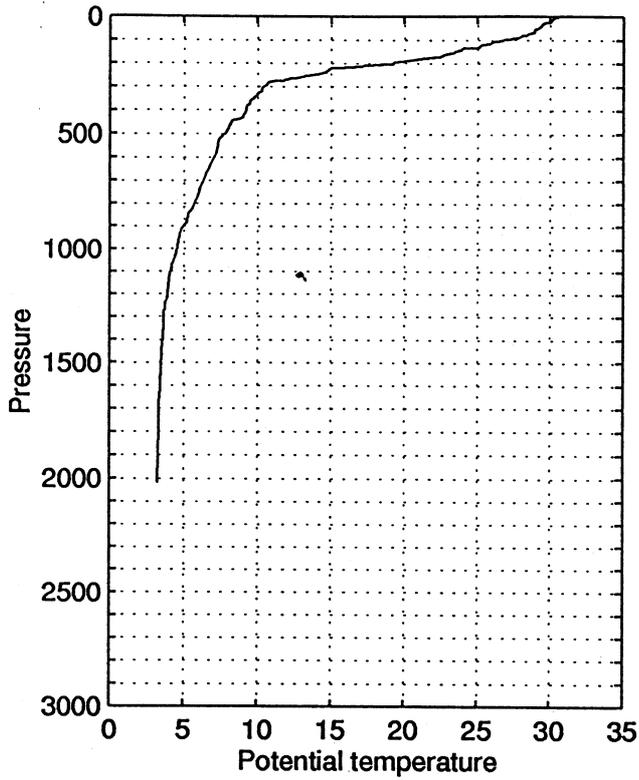
JADE 95 station : 55.00 data reduction: 1 dbar

le 30/11/1995 a 17.40 tu -8.3725 123.3585 depth : 2150 m (2173.dbar)

press.	prof	temp.	theta	salin	sigtheta	sigmaamm	gamprf	gapt5	avsp	h-dyn	v(sound)	bva
								(*1e5)	(mdyn)		(cph)	
2.	2.0	30.546	30.546	34.395	21.088	21.085	27.260	21.094	668.9	0.000	1546.1	0.00
10.	9.9	30.228	30.226	34.391	21.195	21.192	27.372	21.234	659.0	0.053	1545.6	5.21
20.	19.9	30.067	30.062	34.390	21.250	21.246	27.431	21.332	654.2	0.119	1545.5	3.43
30.	29.8	29.544	29.537	34.375	21.417	21.412	27.606	21.540	638.7	0.183	1544.5	1.07
40.	39.8	29.405	29.395	34.372	21.463	21.457	27.654	21.628	634.8	0.247	1544.4	2.77
50.	49.7	29.230	29.218	34.356	21.510	21.504	27.705	21.718	630.7	0.310	1544.2	2.61
60.	59.7	28.949	28.935	34.363	21.610	21.603	27.810	21.860	621.6	0.373	1543.7	2.32
71.	70.6	28.696	28.679	34.366	21.697	21.689	27.901	21.993	613.8	0.441	1543.4	9.05
80.	79.5	28.387	28.368	34.371	21.803	21.795	28.012	22.137	604.0	0.496	1542.9	6.19
90.	89.5	27.877	27.855	34.372	21.972	21.963	28.190	22.349	588.3	0.555	1541.9	6.22
100.	99.4	26.843	26.820	34.379	22.309	22.300	28.546	22.730	556.4	0.612	1539.8	4.20
110.	109.4	26.025	26.000	34.367	22.558	22.548	28.810	23.021	532.9	0.667	1538.0	2.56
121.	120.3	25.329	25.302	34.358	22.766	22.756	29.031	23.277	513.5	0.725	1536.5	10.00
130.	129.2	25.168	25.140	34.371	22.825	22.815	29.094	23.375	508.2	0.771	1536.3	4.20
140.	139.2	23.927	23.898	34.382	23.206	23.195	29.499	23.800	472.1	0.819	1533.5	1.96
150.	149.1	23.486	23.455	34.384	23.336	23.326	29.639	23.974	459.9	0.866	1532.5	2.06
161.	160.0	22.923	22.890	34.399	23.511	23.500	29.825	24.198	443.6	0.916	1531.3	8.68
170.	169.0	22.530	22.496	34.403	23.627	23.615	29.949	24.352	432.9	0.955	1530.4	6.07
180.	178.9	21.226	21.191	34.434	24.012	24.002	30.363	24.784	396.2	0.996	1527.2	6.04
190.	188.8	20.104	20.069	34.448	24.324	24.313	30.700	25.142	366.6	1.034	1524.3	1.52
200.	198.8	19.299	19.264	34.456	24.539	24.529	30.934	25.403	346.3	1.070	1522.2	5.22
210.	208.7	17.293	17.258	34.481	25.055	25.046	31.499	25.969	296.9	1.102	1516.6	12.05
220.	218.6	15.161	15.128	34.505	25.563	25.555	32.062	26.529	248.2	1.130	1510.3	16.27
230.	228.6	14.849	14.814	34.487	25.618	25.609	32.125	26.629	243.3	1.154	1509.4	0.00
240.	238.5	14.509	14.473	34.507	25.706	25.698	32.223	26.763	235.0	1.178	1508.5	7.73
249.	247.5	13.947	13.911	34.505	25.824	25.816	32.357	27.091	210.6	1.199	1506.8	3.16
260.	258.4	12.956	12.920	34.499	26.021	26.014	32.583	27.174	205.0	1.223	1503.7	8.69
270.	268.3	11.943	11.908	34.507	26.224	26.217	32.815	27.426	185.5	1.242	1500.5	8.57
280.	278.2	10.903	10.868	34.512	26.420	26.413	33.043	27.673	166.7	1.259	1497.1	6.89
290.	288.2	10.656	10.621	34.502	26.456	26.449	33.086	27.755	163.4	1.276	1496.3	0.62
300.	298.1	10.434	10.399	34.501	26.494	26.487	33.131	27.839	159.9	1.292	1495.7	4.14
320.	318.0	10.295	10.257	34.497	26.515	26.509	33.158	27.951	158.2	1.324	1495.5	1.07
341.	338.8	9.892	9.853	34.499	26.586	26.579	33.242	28.119	151.7	1.356	1494.5	3.75
360.	357.7	9.534	9.493	34.505	26.651	26.644	33.317	28.271	145.8	1.385	1493.5	3.65
380.	377.5	9.353	9.310	34.510	26.684	26.677	33.357	28.396	142.9	1.414	1493.1	1.52
400.	397.4	9.248	9.203	34.507	26.699	26.692	33.375	28.501	141.8	1.442	1493.1	0.00
420.	417.2	9.087	9.041	34.508	26.726	26.719	33.408	28.620	139.5	1.470	1492.8	2.64
440.	437.1	8.615	8.568	34.521	26.811	26.804	33.509	28.799	131.4	1.498	1491.4	7.45
460.	456.9	8.220	8.172	34.521	26.872	26.865	33.583	28.954	125.7	1.523	1490.3	1.07
480.	476.8	8.050	8.001	34.526	26.901	26.894	33.618	29.075	123.2	1.548	1490.0	1.07
500.	496.6	7.867	7.817	34.531	26.933	26.925	33.655	29.198	120.4	1.572	1489.6	2.62
520.	516.4	7.485	7.433	34.539	26.995	26.988	33.731	29.356	114.4	1.596	1488.5	1.86
541.	537.3	7.376	7.323	34.540	27.012	27.004	33.751	29.468	113.1	1.620	1488.4	1.07
560.	556.1	7.335	7.280	34.542	27.019	27.011	33.760	29.562	112.6	1.641	1488.6	0.62
580.	575.9	7.272	7.215	34.544	27.030	27.022	33.773	29.664	111.9	1.664	1488.7	1.07
582.	577.9	7.262	7.206	34.544	27.031	27.023	33.774	29.987	105.4	1.666	1488.7	1.24
642.	637.4	6.791	6.731	34.555	27.105	27.097	33.865	30.026	105.2	1.731	1487.9	1.26
671.	666.2	6.555	6.492	34.557	27.139	27.130	33.908	30.195	102.1	1.761	1487.4	2.05
674.	669.1	6.550	6.487	34.555	27.138	27.130	33.907	30.418	98.8	1.764	1487.4	0.00
743.	737.5	6.117	6.050	34.562	27.201	27.192	33.985	30.717	95.2	1.832	1486.9	0.62
790.	784.1	5.845	5.775	34.568	27.240	27.231	34.035	31.003	90.8	1.877	1486.6	1.75
850.	843.5	5.354	5.282	34.578	27.308	27.299	34.120	31.196	86.6	1.931	1485.6	1.07
889.	882.1	5.161	5.087	34.582	27.334	27.325	34.154	31.546	80.9	1.964	1485.5	0.00
950.	942.5	4.770	4.693	34.587	27.383	27.374	34.218	31.739	79.5	2.014	1484.9	0.47
992.	984.1	4.674	4.594	34.590	27.396	27.387	34.235	32.038	77.2	2.047	1485.2	0.87
1047.	1038.5	4.416	4.333	34.595	27.429	27.419	34.277	32.302	74.6	2.089	1485.1	0.00
1103.	1093.9	4.154	4.068	34.599	27.460	27.451	34.319	32.526	72.3	2.130	1484.9	1.57
1149.	1139.4	4.070	3.981	34.602	27.471	27.462	34.333	32.766	71.6	2.164	1485.3	0.50
1200.	1189.8	3.999	3.906	34.603	27.480	27.470	34.345	32.991	71.0	2.200	1485.9	1.75
1250.	1239.3	3.818	3.722	34.607	27.502	27.492	34.374	33.245	68.9	2.235	1486.0	0.87
1300.	1288.7	3.758	3.659	34.606	27.508	27.498	34.383	33.479	68.6	2.269	1486.5	0.62
1400.	1387.5	3.697	3.590	34.607	27.516	27.505	34.393	33.942	68.5	2.338	1487.9	0.00
1499.	1485.2	3.599	3.484	34.608	27.527	27.515	34.408	34.427	68.0	2.405	1489.2	0.00
1604.	1588.9	3.527	3.404	34.609	27.535	27.523	34.419	34.888	67.9	2.476	1490.6	0.36
1701.	1684.6	3.480	3.349	34.610	27.541	27.528	34.428	35.333	67.9	2.542	1492.1	0.00
1800.	1782.2	3.470	3.330	34.610	27.543	27.529	34.430	35.780	68.5	2.610	1493.7	0.00
1900.	1880.8	3.451	3.302	34.610	27.546	27.531	34.434	36.232	68.9	2.678	1495.3	0.00
2000.	1979.3	3.418	3.260	34.610	27.550	27.535	34.440	36.685	69.2	2.747	1496.8	0.00
fin	2018.	1997.0	3.418	3.259	34.610	27.550	27.534	34.440	0.000	2.8*****	0.0	

Mean vertical sound speed between 2. et 2018. dbar : 1494.9 m/s  
Reference pressure for gamprf : 1500. dbar

JADE 95 Station 55 - (30 Nov 95)



# STATION 55

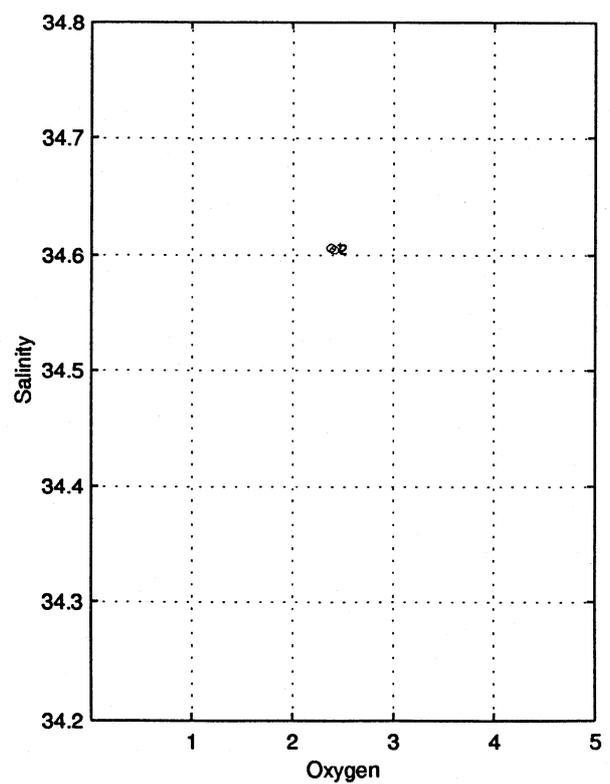
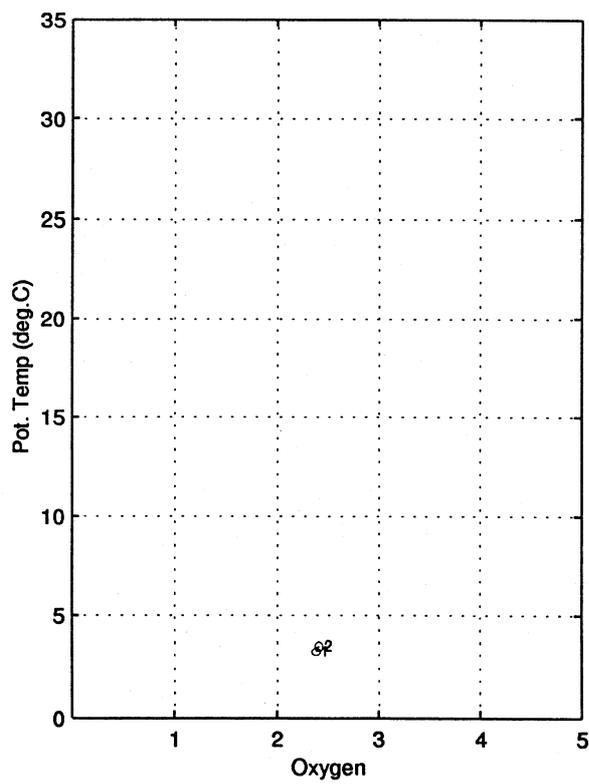
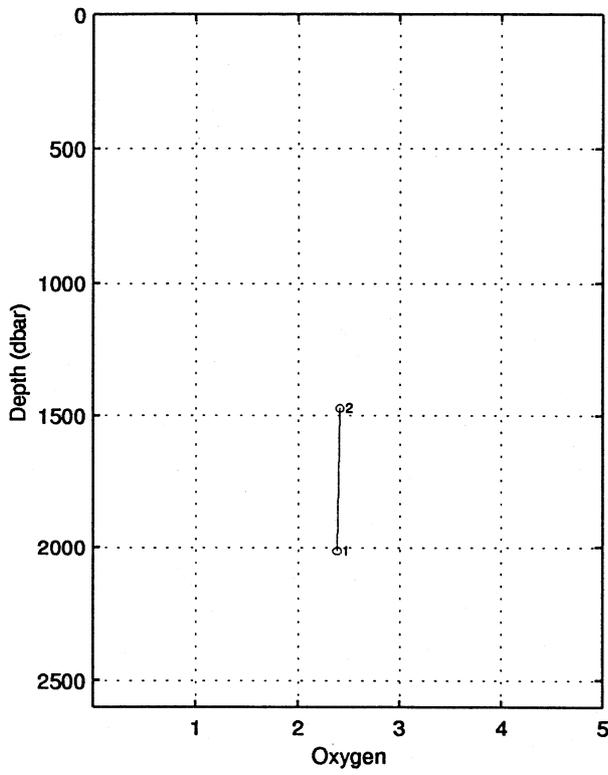
JADE 95

## Oxygen Profile

Bathysonde : Guildline INSU-Brest

Area : South Banda & Timor Sea - Indonesia

Cruise name : JADE95 - R/V Baruna Jaya I



98/10/13  
14:48:49

listacor\_56

1

JADE 95

station : 56.00

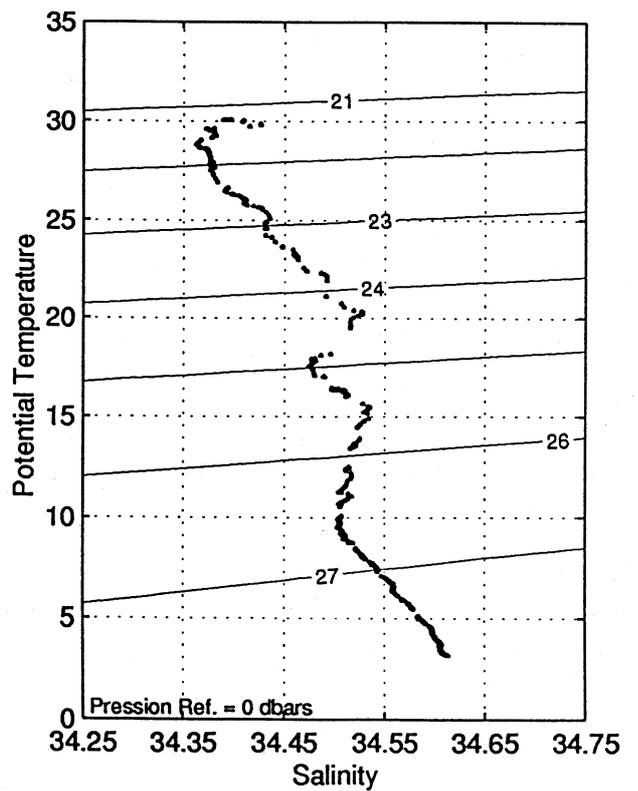
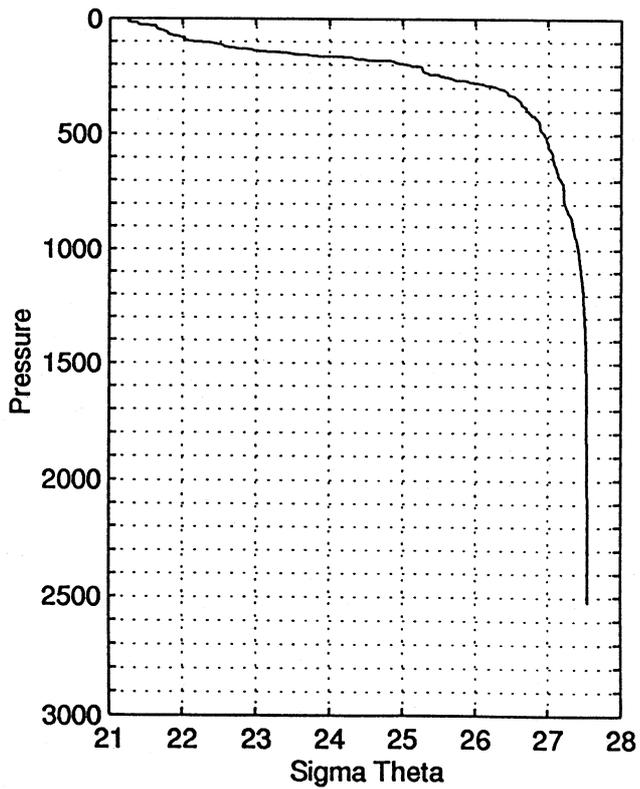
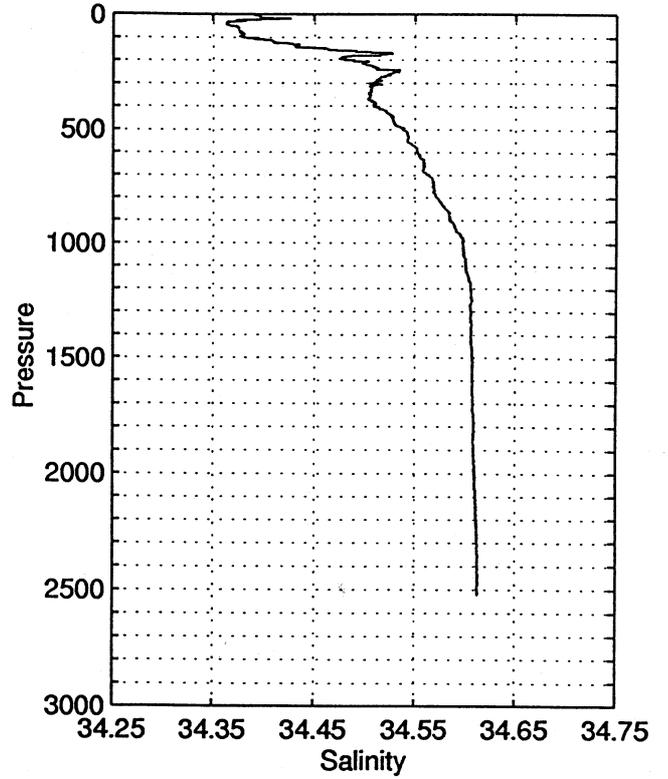
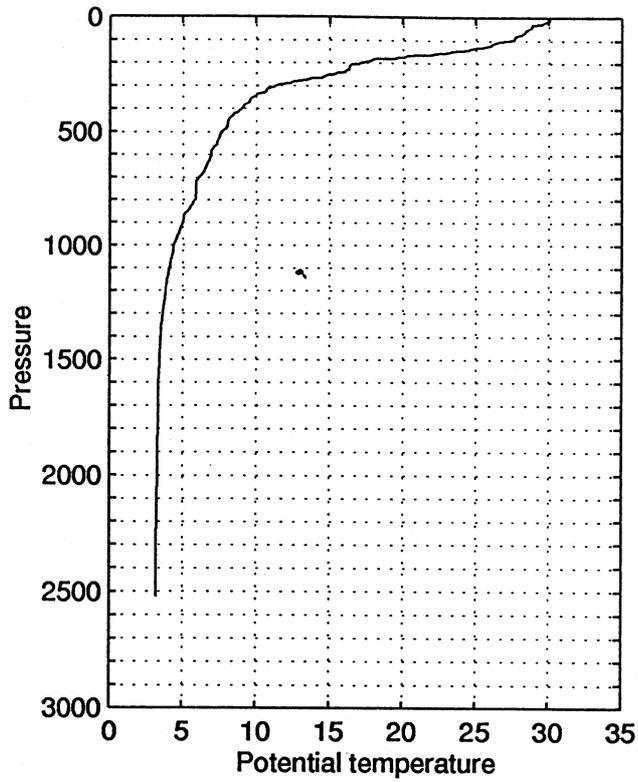
data reduction: 1 dbar

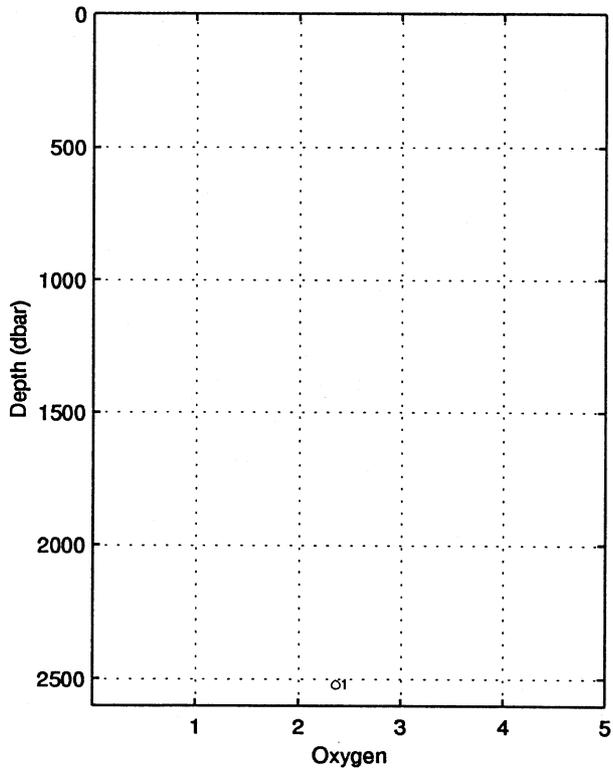
le 30/11/1995 a 20.12 tu -8.4606 123.4148 depth : 3255 m (3299.dbar)

press.	prof	temp.	theta	salin	sigtheta	sigmaamm	gamprf	gapt5	avsp	h-dyn	v(sound)	bva
								(*1e5)	(mdyn)		(cph)	
1.	1.0	30.064	30.064	34.389	21.249	21.247	27.429	21.251	653.4	0.000	1545.1	0.00
10.	9.9	30.071	30.069	34.397	21.253	21.250	27.433	21.293	653.4	0.059	1545.3	0.00
19.	18.9	29.741	29.736	34.415	21.380	21.375	27.565	21.482	641.1	0.117	1544.8	5.97
30.	29.8	29.180	29.173	34.378	21.541	21.537	27.736	21.665	626.8	0.187	1543.7	9.39
40.	39.8	28.850	28.840	34.364	21.642	21.637	27.843	21.808	617.6	0.249	1543.2	2.15
50.	49.7	28.622	28.610	34.371	21.723	21.717	27.928	21.931	610.2	0.311	1542.9	6.64
60.	59.7	28.420	28.406	34.375	21.794	21.787	28.002	22.044	603.9	0.372	1542.6	1.96
70.	69.6	28.264	28.247	34.376	21.847	21.839	28.058	22.139	599.4	0.432	1542.4	6.89
80.	79.5	27.861	27.842	34.376	21.979	21.970	28.197	22.313	587.2	0.491	1541.7	5.32
90.	89.5	27.695	27.674	34.380	22.036	22.027	28.257	22.413	582.1	0.549	1541.5	1.52
100.	99.4	27.326	27.303	34.379	22.156	22.146	28.384	22.575	571.1	0.607	1540.9	6.62
110.	109.4	26.364	26.339	34.397	22.475	22.465	28.720	22.938	540.9	0.662	1538.8	8.92
120.	119.3	26.092	26.065	34.410	22.570	22.560	28.821	23.076	532.2	0.716	1538.4	2.97
130.	129.2	25.571	25.543	34.428	22.745	22.734	29.005	23.294	515.9	0.768	1537.3	7.65
140.	139.2	24.607	24.577	34.431	23.040	23.029	29.320	23.633	488.0	0.818	1535.2	3.04
150.	149.1	23.300	23.270	34.459	23.447	23.437	29.753	24.086	449.3	0.865	1532.1	6.10
160.	159.0	22.269	22.238	34.489	23.765	23.754	30.092	24.448	419.2	0.909	1529.7	7.89
170.	169.0	20.293	20.261	34.527	24.333	24.323	30.704	25.065	365.0	0.947	1524.6	5.43
181.	179.9	18.199	18.168	34.496	24.846	24.837	31.266	25.631	316.1	0.986	1518.8	18.37
190.	188.8	17.831	17.799	34.480	24.924	24.915	31.354	25.749	308.9	1.014	1517.9	2.48
200.	198.8	17.101	17.068	34.480	25.100	25.091	31.548	25.971	292.3	1.044	1515.9	10.21
210.	208.7	16.424	16.390	34.500	25.274	25.265	31.740	26.191	275.8	1.073	1514.0	3.33
220.	218.6	16.380	16.345	34.501	25.286	25.276	31.752	26.247	275.1	1.100	1514.0	2.05
229.	227.6	16.384	16.348	34.510	25.292	25.282	31.759	26.329	272.6	1.125	1514.2	2.05
241.	239.5	15.698	15.660	34.528	25.462	25.453	31.947	26.518	258.7	1.157	1512.3	12.09
250.	248.4	15.360	15.322	34.531	25.541	25.531	32.034	26.637	251.4	1.180	1511.4	5.97
260.	258.4	14.653	14.614	34.526	25.691	25.682	32.204	26.835	237.2	1.204	1509.3	4.29
270.	268.3	13.677	13.638	34.521	25.893	25.884	32.433	27.085	217.9	1.227	1506.3	5.57
281.	279.2	12.550	12.513	34.514	26.113	26.105	32.686	27.361	196.7	1.250	1502.8	9.16
290.	288.2	11.991	11.953	34.516	26.223	26.215	32.812	27.513	186.2	1.268	1501.0	8.48
300.	298.1	11.344	11.306	34.505	26.334	26.327	32.944	27.674	175.5	1.286	1498.9	5.00
319.	317.0	10.721	10.683	34.507	26.449	26.442	33.078	27.895	164.9	1.318	1497.1	0.00
340.	337.8	10.051	10.011	34.505	26.564	26.557	33.214	28.091	153.9	1.351	1495.0	1.52
360.	357.7	9.609	9.568	34.505	26.638	26.631	33.303	28.258	147.0	1.381	1493.7	0.87
380.	377.5	9.309	9.267	34.507	26.690	26.682	33.364	28.401	142.3	1.410	1493.0	3.81
400.	397.4	9.013	8.969	34.512	26.741	26.734	33.425	28.545	137.7	1.438	1492.2	4.24
420.	417.2	8.531	8.487	34.521	26.824	26.817	33.524	28.723	129.8	1.465	1490.8	1.52
440.	437.1	8.211	8.166	34.528	26.878	26.871	33.589	28.870	124.8	1.491	1489.9	2.83
460.	456.9	8.119	8.072	34.529	26.893	26.886	33.607	28.976	123.6	1.516	1489.9	1.38
480.	476.8	8.059	8.010	34.530	26.904	26.896	33.620	29.077	123.0	1.540	1490.0	2.14
500.	496.6	7.714	7.664	34.538	26.961	26.953	33.688	29.228	117.6	1.564	1489.0	0.00
521.	517.4	7.548	7.496	34.543	26.989	26.982	33.723	29.354	115.1	1.589	1488.8	2.23
543.	539.2	7.412	7.358	34.543	27.009	27.001	33.747	29.474	113.5	1.614	1488.6	1.50
556.	552.1	7.380	7.326	34.543	27.013	27.005	33.753	29.620	109.8	1.629	1488.7	1.75
581.	576.9	7.020	6.964	34.552	27.071	27.063	33.823	29.713	107.7	1.656	1487.7	2.81
600.	595.8	7.017	6.959	34.552	27.072	27.063	33.824	29.800	108.0	1.677	1488.0	0.00
620.	615.6	6.897	6.838	34.555	27.091	27.082	33.847	29.911	106.3	1.698	1487.9	1.38
640.	635.4	6.732	6.672	34.558	27.116	27.108	33.878	30.029	104.0	1.719	1487.6	1.75
660.	655.2	6.600	6.539	34.558	27.134	27.125	33.901	30.139	102.5	1.740	1487.4	0.00
680.	675.1	6.466	6.403	34.558	27.151	27.143	33.923	30.249	100.9	1.760	1487.2	0.87
700.	694.9	6.183	6.120	34.564	27.193	27.185	33.975	30.386	96.8	1.780	1486.4	2.14
750.	744.4	5.982	5.916	34.569	27.223	27.214	34.012	30.646	94.4	1.827	1486.5	1.52
808.	801.9	5.812	5.741	34.573	27.248	27.239	34.044	30.937	92.5	1.882	1486.8	1.94
842.	835.6	5.516	5.444	34.578	27.289	27.280	34.095	31.274	84.1	1.913	1486.1	1.92
900.	893.0	5.071	4.996	34.585	27.347	27.338	34.170	31.468	83.0	1.962	1485.3	1.51
946.	938.5	4.841	4.764	34.591	27.378	27.369	34.210	31.789	78.2	1.999	1485.1	0.62
1000.	992.0	4.475	4.395	34.598	27.424	27.416	34.271	32.014	75.5	2.041	1484.5	0.00
1050.	1041.5	4.350	4.268	34.599	27.439	27.430	34.290	32.259	74.3	2.078	1484.8	1.07
1100.	1090.9	4.171	4.085	34.601	27.460	27.451	34.318	32.512	72.4	2.115	1484.9	0.00
1150.	1140.4	4.025	3.936	34.603	27.477	27.468	34.341	32.760	70.9	2.151	1485.2	0.00
1200.	1189.8	3.912	3.820	34.606	27.491	27.482	34.359	33.004	69.7	2.186	1485.5	0.62
1250.	1239.3	3.829	3.734	34.608	27.501	27.492	34.373	33.244	68.9	2.220	1486.0	1.86
1300.	1288.7	3.741	3.642	34.606	27.510	27.500	34.385	33.481	68.4	2.255	1486.5	0.00
1400.	1387.5	3.596	3.490	34.606	27.524	27.514	34.406	33.954	67.4	2.322	1487.5	0.00
1500.	1486.2	3.530	3.416	34.609	27.533	27.522	34.418	34.417	67.1	2.390	1488.9	0.87
1600.	1584.9	3.479	3.356	34.608	27.539	27.527	34.425	34.876	67.3	2.457	1490.4	0.62
1700.	1683.6	3.470	3.339	34.608	27.541	27.528	34.428	35.328	67.8	2.524	1492.0	0.62
1799.	1781.2	3.461	3.321	34.609	27.543	27.530	34.431	35.790	68.4	2.592	1493.6	0.00
1900.	1880.8	3.451	3.302	34.609	27.545	27.531	34.434	36.231	69.0	2.661	1495.3	0.00
2000.	1979.3	3.443	3.285	34.610	27.547	27.532	34.437	36.682	69.5	2.730	1496.9	0.00
2100.	2077.8	3.427	3.260	34.611	27.550	27.534	34.441	37.132	70.0	2.800	1498.5	0.00
2200.	2176.2	3.411	3.235	34.612	27.554	27.537	34.445	37.582	70.3	2.870	1500.1	1.07
2300.	2274.6	3.403	3.217	34.613	27.556	27.538	34.448	38.029	70.9	2.941	1501.8	0.00
2400.	2372.9	3.402	3.206	34.613	27.557	27.538	34.450	38.474	71.5	3.012	1503.5	0.00
2500.	2471.2	3.403	3.197	34.613	27.558	27.538	34.451	38.917	72.2	3.084	1505.2	0.62
fin	2522.	2492.9	3.402	3.194	34.613	27.558	27.538	34.451	0.000	3.1*****	0.0	

Mean vertical sound speed between 1. et 2522. dbar : 1496.1 m/s  
Reference pressure for gamprf : 1500. dbar

JADE 95 Station 56 - (30 Nov 95)





## STATION 56

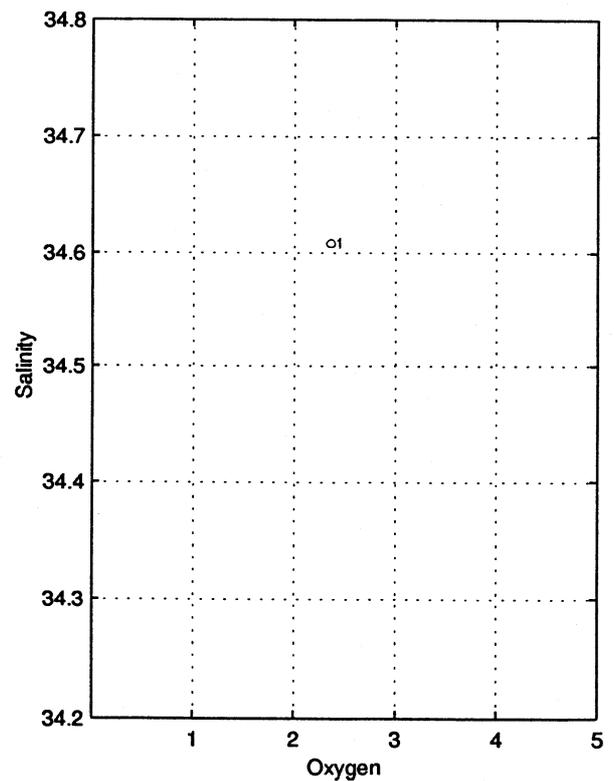
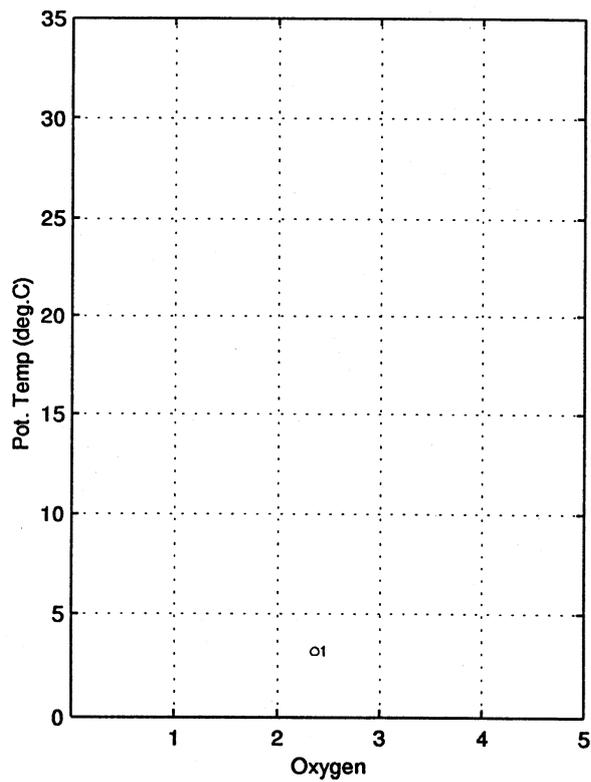
JADE 95

### Oxygen Profile

Bathysonde : Guildline INSU-Brest

Area : South Banda & Timor Sea - Indonesia

Cruise name : JADE95 - R/V Baruna Jaya I



98/10/14  
10:11:02

listacor\_57

1

JADE 95

station : 57.00

data reduction: 1 dbar

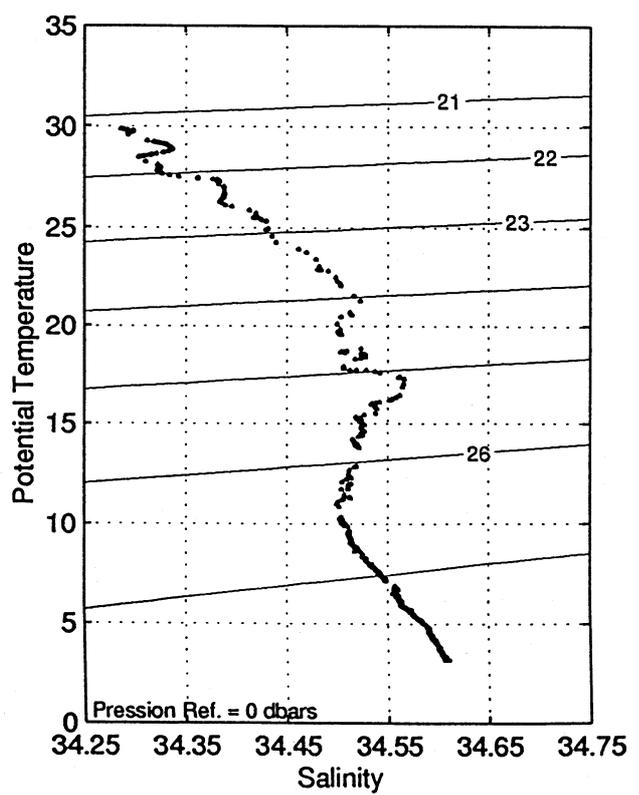
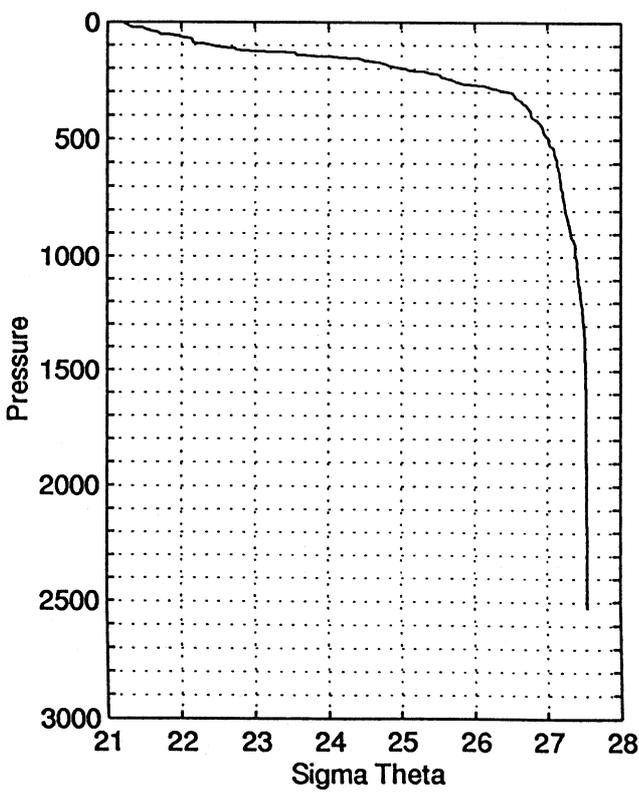
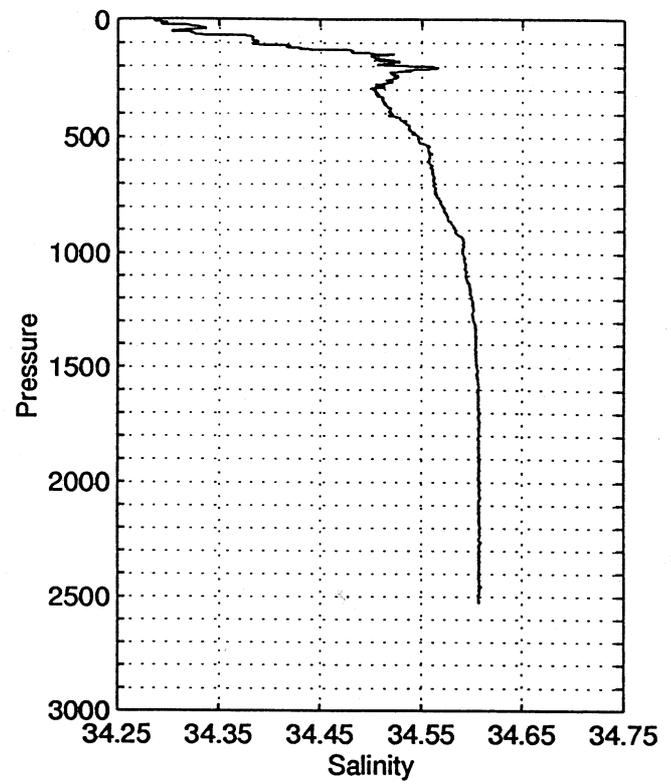
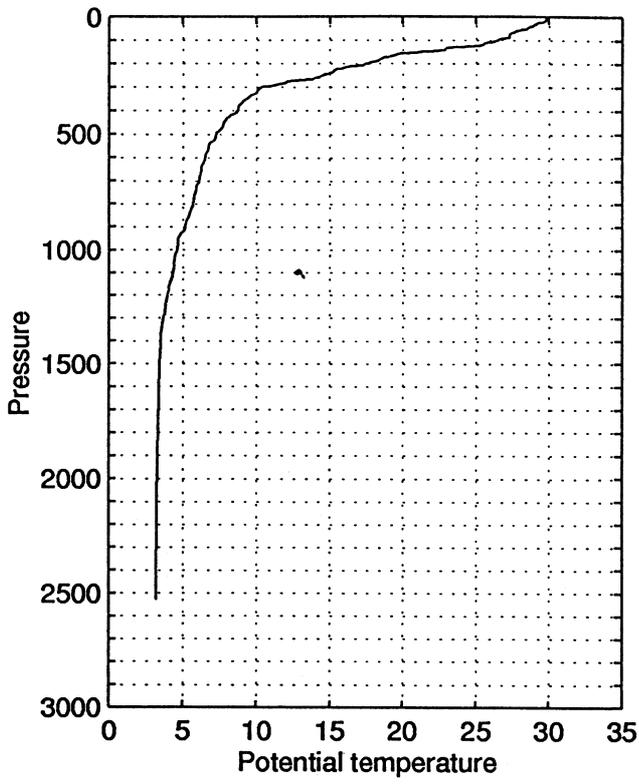
le 30/11/1995 a 22.42 tu -8.5515 123.4698 depth : 3250 m (3294.dbar)

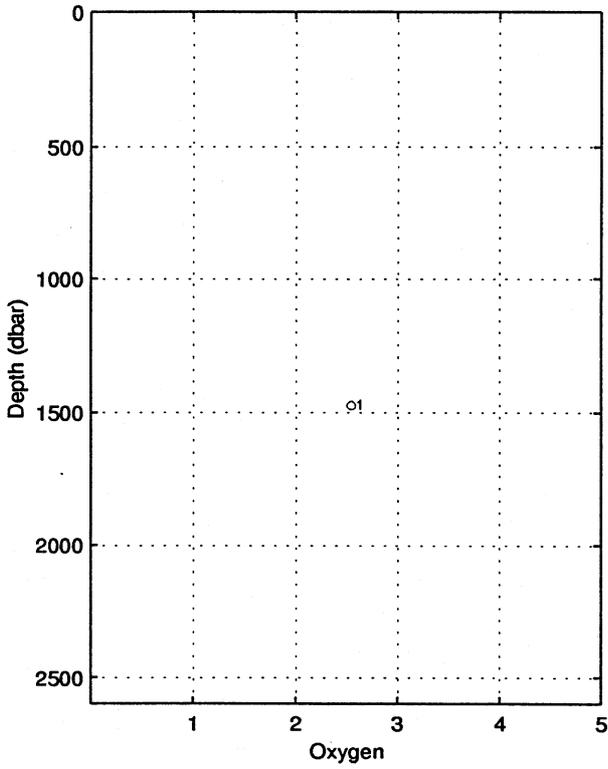
press.	prof	temp.	theta	salin	sigtheta	sigmaamm	gamprf	gapt5	avsp	h-dyn	v(sound)	bva
								(*1e5)	(mdyn)		(cph)	
2.	2.0	29.872	29.871	34.287	21.238	21.235	27.422	21.244	654.5	0.000	1544.6	0.00
10.	9.9	29.838	29.836	34.293	21.255	21.252	27.439	21.294	653.3	0.052	1544.7	5.60
20.	19.9	29.645	29.640	34.293	21.321	21.317	27.509	21.402	647.4	0.117	1544.5	5.35
30.	29.8	29.121	29.114	34.330	21.525	21.521	27.722	21.649	628.3	0.181	1543.6	5.28
40.	39.8	28.839	28.830	34.335	21.624	21.618	27.825	21.790	619.3	0.243	1543.1	7.00
50.	49.7	28.500	28.488	34.304	21.713	21.707	27.921	21.921	611.2	0.305	1542.5	4.16
60.	59.7	27.793	27.779	34.324	21.960	21.953	28.180	22.211	588.0	0.365	1541.2	7.53
70.	69.6	27.417	27.400	34.381	22.125	22.118	28.352	22.418	572.6	0.423	1540.6	5.28
80.	79.5	27.321	27.302	34.383	22.159	22.151	28.387	22.494	569.9	0.480	1540.5	1.24
90.	89.5	27.187	27.166	34.382	22.202	22.193	28.432	22.579	566.2	0.537	1540.4	6.61
100.	99.4	26.512	26.489	34.386	22.419	22.410	28.662	22.840	545.8	0.592	1539.0	5.70
110.	109.4	25.904	25.879	34.413	22.630	22.620	28.884	23.094	526.0	0.646	1537.8	14.97
120.	119.3	25.422	25.396	34.425	22.788	22.778	29.051	23.295	511.3	0.698	1536.8	7.33
130.	129.2	23.445	23.418	34.479	23.419	23.410	29.722	23.972	451.2	0.746	1532.2	18.29
140.	139.2	22.913	22.884	34.481	23.575	23.565	29.888	24.171	436.7	0.790	1531.0	1.75
149.	148.1	21.309	21.280	34.522	24.056	24.046	30.403	24.862	376.7	0.828	1527.0	15.36
160.	159.0	19.663	19.634	34.501	24.478	24.470	30.864	25.168	350.7	0.868	1522.6	8.67
172.	171.0	18.876	18.845	34.523	24.697	24.688	31.101	25.441	330.1	0.909	1520.6	8.33
180.	178.9	18.562	18.530	34.528	24.780	24.771	31.192	25.559	322.4	0.936	1519.9	6.35
193.	191.8	17.945	17.912	34.506	24.917	24.907	31.343	25.755	309.7	0.977	1518.3	6.41
200.	198.8	17.640	17.607	34.542	25.019	25.009	31.453	25.888	300.2	0.998	1517.5	7.56
210.	208.7	16.915	16.881	34.565	25.209	25.200	31.662	26.125	282.2	1.027	1515.6	10.60
220.	218.6	15.895	15.860	34.537	25.424	25.416	31.904	26.387	261.7	1.054	1512.6	4.06
230.	228.6	15.318	15.283	34.520	25.541	25.532	32.036	26.550	250.8	1.079	1510.9	0.00
240.	238.5	15.004	14.967	34.527	25.615	25.606	32.118	26.669	243.9	1.104	1510.1	7.03
250.	248.4	14.567	14.530	34.523	25.707	25.698	32.222	26.807	235.3	1.128	1508.9	3.45
260.	258.4	14.122	14.084	34.517	25.797	25.788	32.325	26.944	226.8	1.152	1507.6	5.18
270.	268.3	12.921	12.884	34.519	26.044	26.036	32.606	27.241	203.1	1.173	1503.8	10.98
280.	278.2	12.042	12.006	34.513	26.211	26.203	32.799	27.457	187.1	1.193	1501.0	2.32
290.	288.2	11.344	11.307	34.513	26.341	26.334	32.950	27.636	174.6	1.211	1498.8	4.38
300.	298.1	10.356	10.321	34.503	26.509	26.502	33.149	27.854	158.4	1.228	1495.4	3.61
320.	318.0	10.062	10.025	34.508	26.564	26.557	33.213	28.001	153.5	1.259	1494.7	0.00
340.	337.8	9.545	9.506	34.511	26.653	26.646	33.319	28.183	145.1	1.289	1493.2	3.39
360.	357.7	9.099	9.060	34.514	26.728	26.721	33.409	28.352	138.1	1.317	1491.9	1.52
380.	377.5	8.825	8.784	34.519	26.776	26.769	33.466	28.492	133.8	1.344	1491.2	0.62
400.	397.4	8.758	8.715	34.520	26.788	26.781	33.480	28.594	133.0	1.371	1491.3	2.23
420.	417.2	8.274	8.230	34.528	26.869	26.862	33.578	28.770	125.3	1.397	1489.8	2.05
440.	437.1	7.957	7.912	34.533	26.921	26.914	33.640	28.915	120.5	1.421	1489.0	1.96
460.	456.9	7.782	7.736	34.538	26.950	26.943	33.675	29.036	117.9	1.445	1488.6	0.00
480.	476.7	7.613	7.565	34.542	26.978	26.971	33.709	29.157	115.4	1.469	1488.3	2.97
500.	496.6	7.329	7.280	34.547	27.023	27.016	33.764	29.295	111.3	1.491	1487.6	1.52
520.	516.4	7.223	7.173	34.548	27.039	27.031	33.783	29.402	110.0	1.513	1487.5	0.00
540.	536.3	6.874	6.823	34.557	27.094	27.087	33.851	29.553	104.7	1.535	1486.5	1.24
560.	556.1	6.809	6.756	34.557	27.103	27.096	33.862	29.653	104.1	1.556	1486.6	1.64
580.	575.9	6.670	6.616	34.558	27.123	27.116	33.887	29.766	102.3	1.576	1486.4	1.64
600.	595.8	6.581	6.526	34.557	27.134	27.127	33.902	29.869	101.5	1.597	1486.3	0.00
650.	645.3	6.335	6.276	34.560	27.170	27.162	33.946	30.134	98.5	1.647	1486.2	0.00
700.	694.9	6.180	6.117	34.563	27.193	27.184	33.975	30.386	96.9	1.695	1486.4	0.00
750.	744.4	5.918	5.851	34.565	27.228	27.219	34.019	30.652	93.8	1.743	1486.2	0.87
800.	794.0	5.763	5.693	34.571	27.252	27.244	34.050	30.906	91.9	1.789	1486.4	0.87
850.	843.5	5.500	5.427	34.576	27.289	27.280	34.096	31.174	88.7	1.834	1486.2	1.24
900.	893.0	5.237	5.161	34.583	27.326	27.317	34.143	31.444	85.3	1.878	1486.0	0.00
951.	943.5	4.748	4.671	34.592	27.389	27.380	34.225	31.750	78.9	1.920	1484.8	1.69
1000.	992.0	4.703	4.622	34.591	27.394	27.385	34.231	31.978	78.9	1.958	1485.5	1.51
1050.	1041.5	4.523	4.438	34.594	27.417	27.407	34.261	32.232	76.8	1.997	1485.5	1.07
1100.	1090.9	4.416	4.329	34.594	27.428	27.419	34.277	32.473	76.0	2.035	1485.9	0.00
1150.	1140.4	4.198	4.108	34.598	27.455	27.446	34.313	32.733	73.4	2.073	1485.9	0.00
1200.	1189.8	4.061	3.968	34.600	27.471	27.461	34.334	32.980	72.0	2.109	1486.1	0.76
1250.	1239.3	3.913	3.817	34.603	27.489	27.479	34.357	33.229	70.4	2.145	1486.3	1.86
1300.	1288.7	3.789	3.689	34.602	27.501	27.491	34.375	33.471	69.3	2.180	1486.7	0.00
1400.	1387.5	3.615	3.508	34.605	27.521	27.511	34.402	33.951	67.7	2.248	1487.6	0.00
1501.	1487.2	3.546	3.431	34.605	27.529	27.518	34.413	34.417	67.6	2.316	1489.0	0.50
1600.	1584.9	3.507	3.385	34.606	27.535	27.523	34.420	34.871	67.7	2.383	1490.5	0.62
1705.	1688.5	3.476	3.345	34.608	27.540	27.527	34.427	35.350	68.0	2.454	1492.1	0.49
1801.	1783.2	3.464	3.324	34.607	27.542	27.528	34.429	35.783	68.6	2.520	1493.7	0.00
1902.	1882.7	3.454	3.304	34.608	27.544	27.529	34.432	36.239	69.1	2.589	1495.3	0.41
1999.	1978.3	3.433	3.275	34.609	27.547	27.532	34.437	36.700	69.5	2.657	1496.9	1.24
2102.	2079.7	3.419	3.252	34.607	27.548	27.532	34.439	37.139	70.1	2.729	1498.5	0.16
2200.	2176.2	3.414	3.237	34.608	27.550	27.533	34.442	37.578	70.7	2.798	1500.2	0.00
2300.	2274.6	3.414	3.228	34.608	27.551	27.533	34.443	38.023	71.4	2.869	1501.8	0.23
2400.	2372.9	3.408	3.212	34.607	27.552	27.533	34.444	38.468	72.0	2.940	1503.5	0.00
2500.	2471.2	3.403	3.197	34.608	27.554	27.534	34.447	38.913	72.6	3.013	1505.2	0.00
fin	2527.	2497.8	3.405	3.196	34.608	27.554	27.534	34.447	0.000	3.0*****	0.0	

Mean vertical sound speed between 2. et 2527. dbar : 1495.8 m/s  
Reference pressure for gamprf : 1500. dbar



JADE 95 Station 57 - (30 Nov 95)





# STATION 57

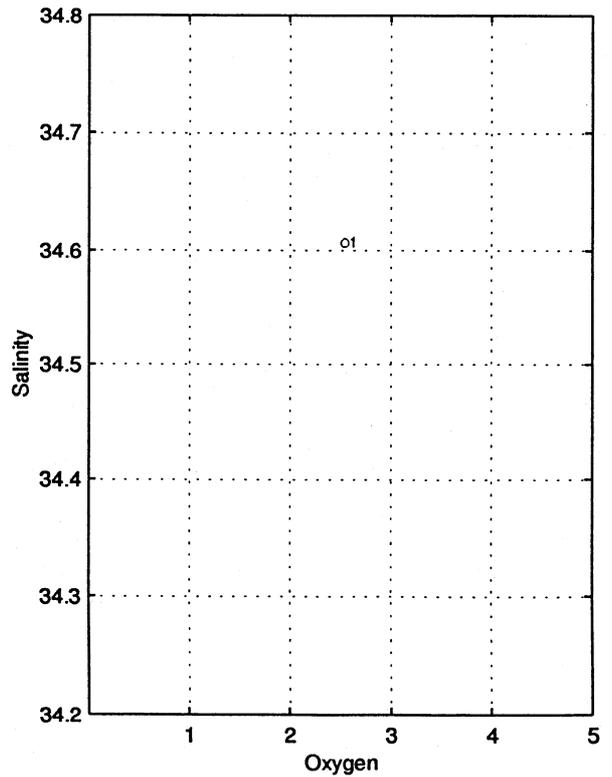
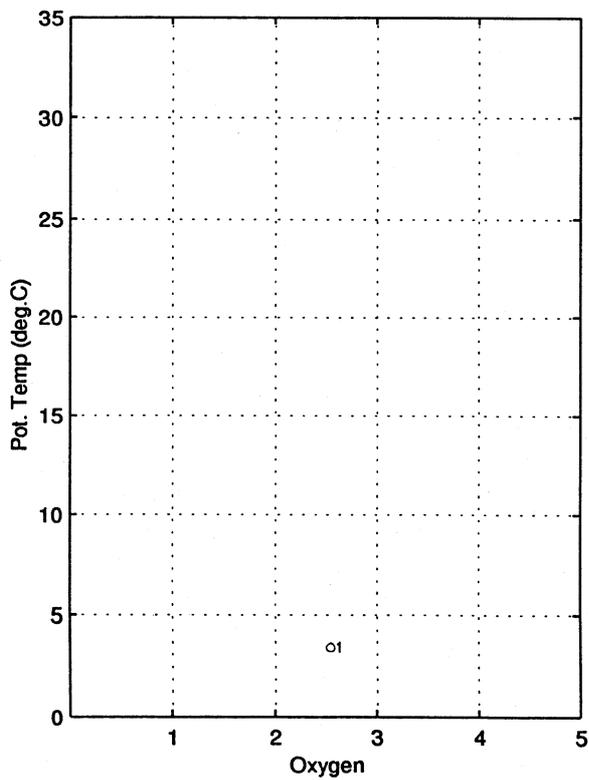
JADE 95

## Oxygen Profile

Bathysonde : Guildline INSU-Brest

Area : South Banda & Timor Sea - Indonesia

Cruise name : JADE95 - R/V Baruna Jaya I



98/10/14  
10:12:08

listacor\_58

JADE 95

station : 58.00

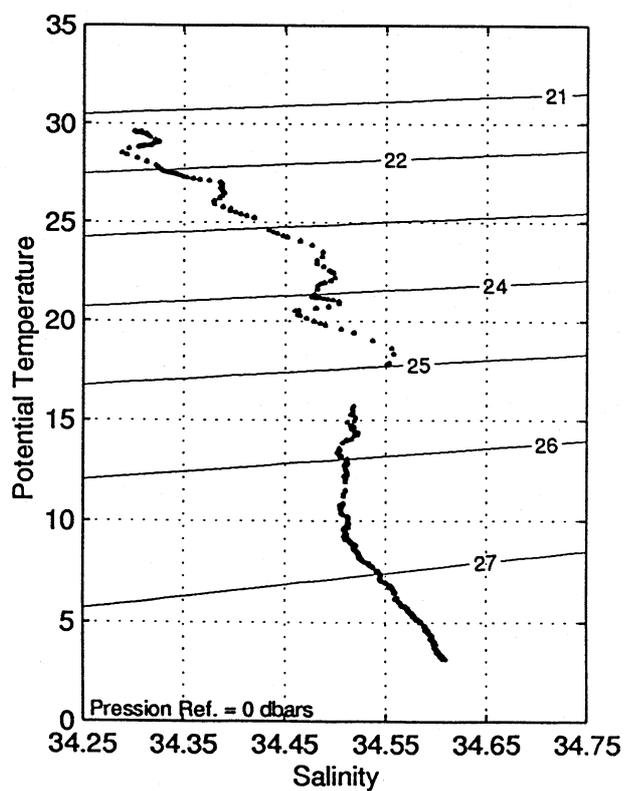
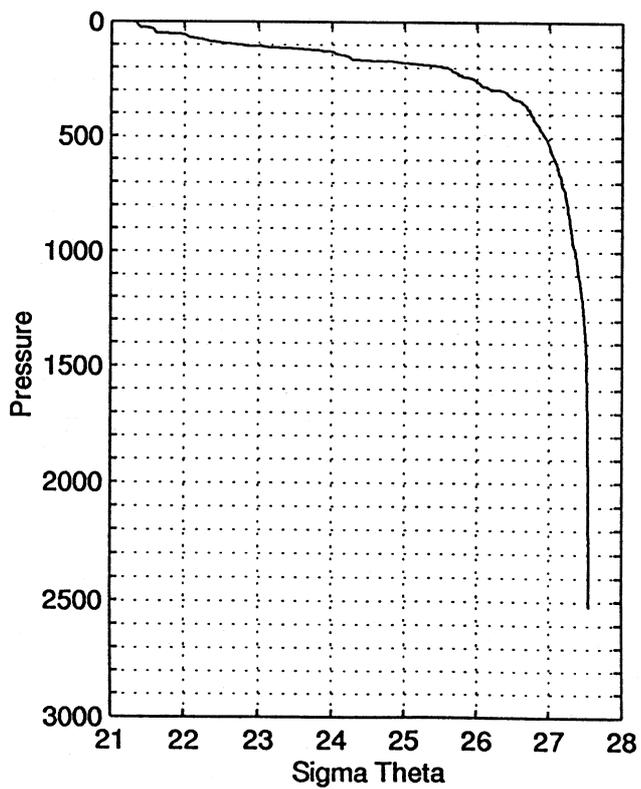
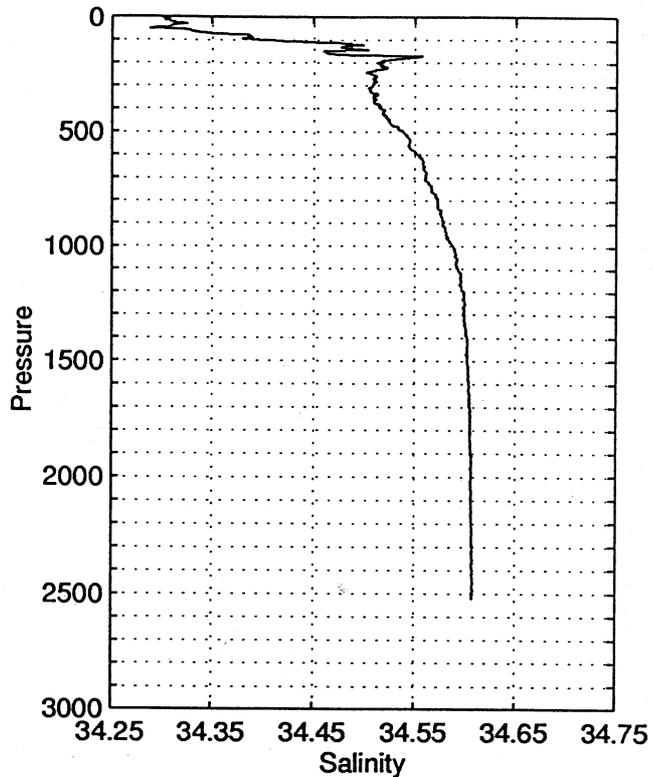
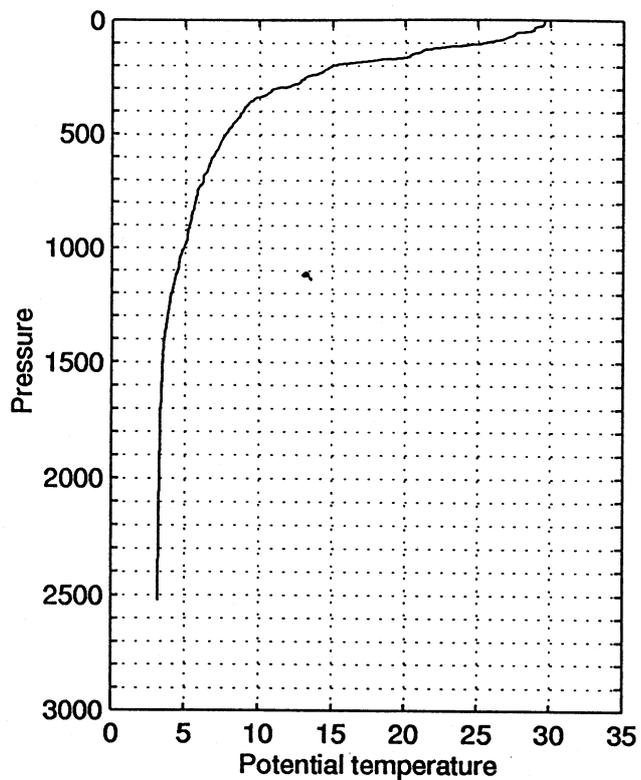
data reduction: 1 dbar

le 1/12/1995 a 2.39 tu -9.0486 123.5143 depth : 3270 m (3314.dbar)

press.	prof	temp.	theta	salin	sigtheta	sigma	ammatt	gamprf	gapt	avsp	h-dyn	v(sound)	bva
									(*1e5)	(mdyn)		(cph)	
1.	1.0	29.612	29.612	34.300	21.336	21.333	27.524	21.338	645.1	0.000	1544.1	0.00	
10.	9.9	29.577	29.575	34.306	21.353	21.350	27.542	21.392	643.9	0.058	1544.2	1.07	
20.	19.9	29.513	29.508	34.308	21.377	21.373	27.567	21.458	642.1	0.122	1544.2	2.06	
30.	29.8	29.035	29.028	34.322	21.548	21.544	27.746	21.672	626.1	0.186	1543.4	5.35	
40.	39.8	28.871	28.861	34.308	21.593	21.588	27.794	21.759	622.3	0.248	1543.2	0.62	
50.	49.7	28.521	28.509	34.288	21.694	21.688	27.902	21.902	613.0	0.310	1542.6	8.79	
60.	59.7	27.618	27.604	34.329	22.021	22.014	28.244	22.271	582.2	0.369	1540.8	3.82	
70.	69.6	27.391	27.375	34.347	22.108	22.101	28.335	22.401	574.3	0.427	1540.5	7.87	
80.	79.5	26.966	26.948	34.387	22.274	22.266	28.509	22.610	558.8	0.484	1539.7	4.80	
90.	89.5	26.297	26.277	34.384	22.484	22.476	28.731	22.863	539.1	0.539	1538.3	7.98	
100.	99.4	25.523	25.501	34.400	22.737	22.728	28.998	23.159	515.3	0.592	1536.7	9.95	
110.	109.4	24.356	24.332	34.447	23.126	23.117	29.410	23.592	478.4	0.641	1534.1	11.18	
120.	119.3	22.517	22.493	34.496	23.698	23.689	30.019	24.210	424.0	0.686	1529.7	9.18	
130.	129.2	21.368	21.342	34.478	24.005	23.996	30.351	24.562	395.0	0.727	1526.8	4.42	
140.	139.2	21.102	21.075	34.497	24.092	24.083	30.445	24.693	387.0	0.766	1526.3	6.95	
150.	149.1	20.556	20.527	34.460	24.211	24.203	30.577	24.856	375.9	0.804	1524.9	1.81	
160.	159.0	20.346	20.316	34.462	24.269	24.260	30.639	24.958	370.7	0.842	1524.5	2.91	
170.	169.0	18.650	18.620	34.556	24.779	24.770	31.188	25.515	322.2	0.877	1520.0	19.07	
176.	174.9	17.860	17.830	34.551	24.971	24.963	31.400	26.274	259.0	0.896	1517.8	5.07	
190.	188.8	15.747	15.717	34.518	25.442	25.434	31.925	26.299	257.1	0.935	1511.6	10.27	
200.	198.8	14.957	14.927	34.512	25.612	25.605	32.117	26.491	242.9	0.960	1509.3	5.61	
210.	208.7	14.745	14.714	34.517	25.663	25.655	32.173	26.587	238.3	0.984	1508.8	2.63	
220.	218.6	14.468	14.436	34.520	25.724	25.717	32.242	26.693	232.7	1.008	1508.1	2.90	
230.	228.6	14.297	14.263	34.519	25.760	25.752	32.283	26.774	229.5	1.031	1507.7	2.23	
240.	238.5	13.644	13.610	34.504	25.885	25.878	32.427	26.946	217.7	1.053	1505.7	7.55	
249.	247.5	13.224	13.189	34.505	25.972	25.964	32.525	27.135	206.9	1.072	1504.5	2.23	
260.	258.4	13.071	13.035	34.510	26.007	25.999	32.565	27.159	206.4	1.095	1504.1	2.32	
270.	268.3	12.819	12.782	34.511	26.058	26.050	32.623	27.255	201.8	1.116	1503.5	3.76	
280.	278.2	12.641	12.603	34.510	26.093	26.085	32.663	27.335	198.6	1.136	1503.0	3.76	
290.	288.2	12.149	12.111	34.510	26.188	26.180	32.773	27.478	189.6	1.155	1501.5	3.55	
297.	295.1	11.274	11.237	34.508	26.350	26.343	32.961	27.773	167.9	1.168	1498.6	8.51	
320.	318.0	10.656	10.618	34.505	26.459	26.452	33.090	27.892	163.8	1.206	1498.8	1.75	
340.	337.8	9.836	9.797	34.512	26.605	26.599	33.262	28.134	149.8	1.238	1494.2	6.86	
360.	357.7	9.395	9.354	34.512	26.679	26.672	33.350	28.300	143.0	1.267	1493.0	5.70	
380.	377.5	9.088	9.046	34.514	26.730	26.723	33.411	28.444	138.3	1.296	1492.2	5.64	
400.	397.4	8.940	8.897	34.516	26.756	26.749	33.442	28.561	136.2	1.323	1492.0	0.62	
420.	417.2	8.728	8.683	34.519	26.792	26.784	33.485	28.688	133.0	1.350	1491.5	2.55	
440.	437.1	8.498	8.451	34.523	26.831	26.823	33.532	28.820	129.5	1.376	1491.0	2.40	
459.	455.9	8.227	8.180	34.524	26.874	26.866	33.584	28.986	124.9	1.400	1490.3	0.00	
480.	476.7	7.973	7.924	34.534	26.919	26.912	33.638	29.094	121.4	1.426	1489.7	3.21	
499.	495.6	7.780	7.730	34.538	26.951	26.943	33.676	29.317	115.9	1.449	1489.3	1.75	
518.	514.4	7.590	7.539	34.542	26.982	26.974	33.714	29.442	113.4	1.471	1488.9	0.00	
537.	533.3	7.427	7.374	34.545	27.008	27.000	33.746	29.601	111.2	1.493	1488.6	0.00	
580.	575.9	7.102	7.046	34.547	27.056	27.048	33.805	29.692	109.2	1.541	1488.0	1.64	
600.	595.8	6.903	6.846	34.554	27.089	27.081	33.845	29.819	106.2	1.563	1487.6	3.42	
651.	646.3	6.595	6.534	34.559	27.135	27.126	33.902	30.100	102.2	1.616	1487.2	1.29	
700.	694.9	6.299	6.236	34.561	27.175	27.167	33.953	30.367	98.7	1.665	1486.9	0.87	
750.	744.4	5.911	5.845	34.567	27.230	27.222	34.022	30.655	93.6	1.713	1486.2	0.00	
800.	794.0	5.736	5.666	34.572	27.257	27.248	34.055	30.911	91.5	1.759	1486.3	0.00	
850.	843.5	5.550	5.477	34.576	27.283	27.273	34.088	31.167	89.4	1.804	1486.4	0.00	
900.	893.0	5.391	5.313	34.579	27.305	27.295	34.116	31.419	87.6	1.849	1486.6	0.62	
950.	942.5	5.253	5.172	34.581	27.323	27.314	34.140	31.667	86.2	1.892	1486.9	0.00	
1006.	997.9	4.939	4.856	34.589	27.366	27.356	34.194	31.971	82.1	1.939	1486.5	1.72	
1050.	1041.5	4.729	4.644	34.591	27.392	27.382	34.229	32.202	79.7	1.975	1486.4	1.38	
1100.	1090.9	4.604	4.515	34.593	27.408	27.398	34.249	32.448	78.4	2.014	1486.7	2.23	
1150.	1140.4	4.366	4.274	34.596	27.436	27.426	34.287	32.709	75.6	2.053	1486.6	0.00	
1200.	1189.8	4.166	4.071	34.599	27.460	27.450	34.319	32.965	73.3	2.090	1486.6	2.20	
1251.	1240.2	4.040	3.942	34.600	27.474	27.464	34.338	33.214	72.1	2.127	1486.9	1.24	
1300.	1288.7	3.935	3.834	34.600	27.485	27.474	34.353	33.450	71.3	2.163	1487.3	1.07	
1401.	1388.4	3.701	3.593	34.602	27.511	27.500	34.388	33.942	68.9	2.233	1488.0	0.76	
1499.	1485.2	3.615	3.500	34.602	27.520	27.509	34.401	34.430	68.6	2.301	1489.2	0.00	
1600.	1584.9	3.553	3.430	34.604	27.529	27.516	34.412	34.863	68.5	2.370	1490.7	0.31	
1700.	1683.6	3.497	3.365	34.605	27.536	27.523	34.422	35.323	68.4	2.439	1492.1	1.07	
1805.	1787.1	3.476	3.336	34.606	27.539	27.525	34.426	35.798	68.9	2.511	1493.8	0.24	
1901.	1881.7	3.458	3.309	34.606	27.542	27.527	34.430	36.232	69.3	2.577	1495.3	0.00	
2000.	1979.3	3.444	3.286	34.607	27.545	27.529	34.434	36.679	69.8	2.646	1496.9	0.00	
2100.	2077.8	3.427	3.259	34.606	27.547	27.531	34.437	37.128	70.3	2.716	1498.5	0.00	
2200.	2176.2	3.421	3.245	34.607	27.549	27.532	34.440	37.576	70.8	2.786	1500.2	0.62	
2300.	2274.6	3.418	3.231	34.608	27.551	27.533	34.442	38.023	71.4	2.857	1501.9	0.00	
2400.	2372.9	3.418	3.221	34.608	27.552	27.533	34.443	38.467	72.1	2.929	1503.5	0.00	
2500.	2471.2	3.414	3.208	34.608	27.553	27.533	34.445	38.911	72.7	3.001	1505.2	0.36	
fin	2522.	2492.8	3.415	3.206	34.608	27.553	27.533	34.446	0.000	3.0*****	0.6		

Mean vertical sound speed between 1. et 2522. dbar : 1495.9 m/s  
Reference pressure for gamprf : 1500. dbar

JADE 95 Station 58 - (1 Dec 95)



# STATION 58

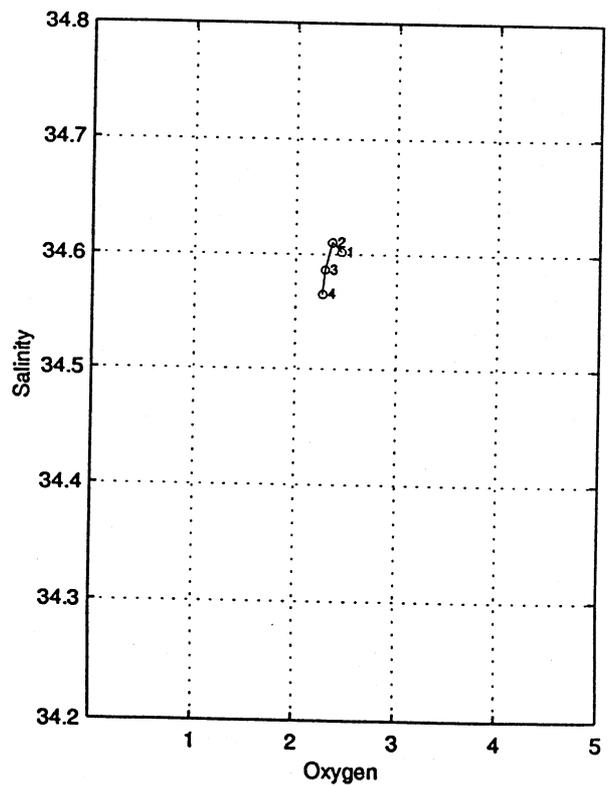
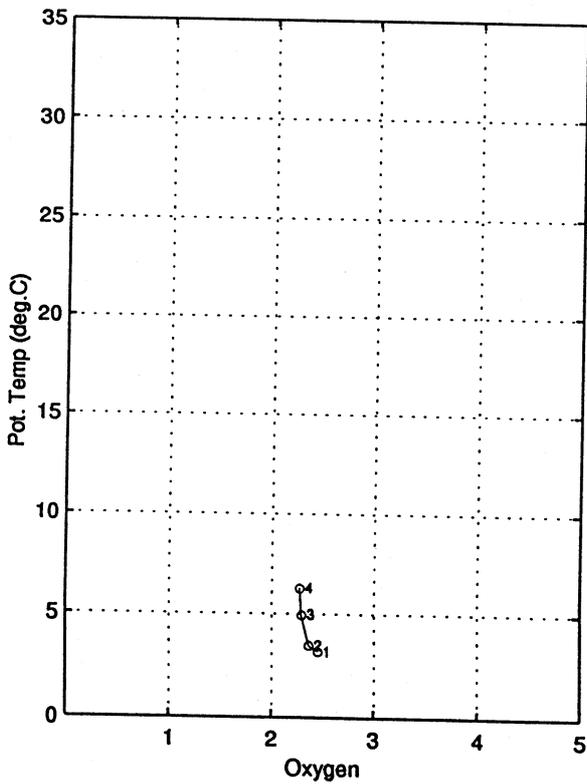
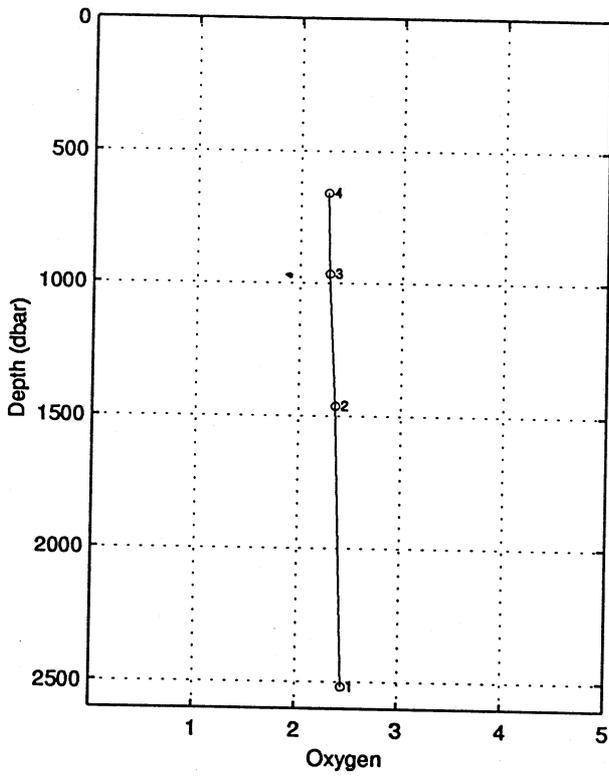
JADE 95

## Oxygen Profile

Bathysonde : Guildline INSU-Brest

Area : South Banda & Timor Sea - Indonesia

Cruise name : JADE95 - R/V Baruna Jaya I



98/10/14  
12:25:09

listacor\_59

1

JADE 95

station : 59.00

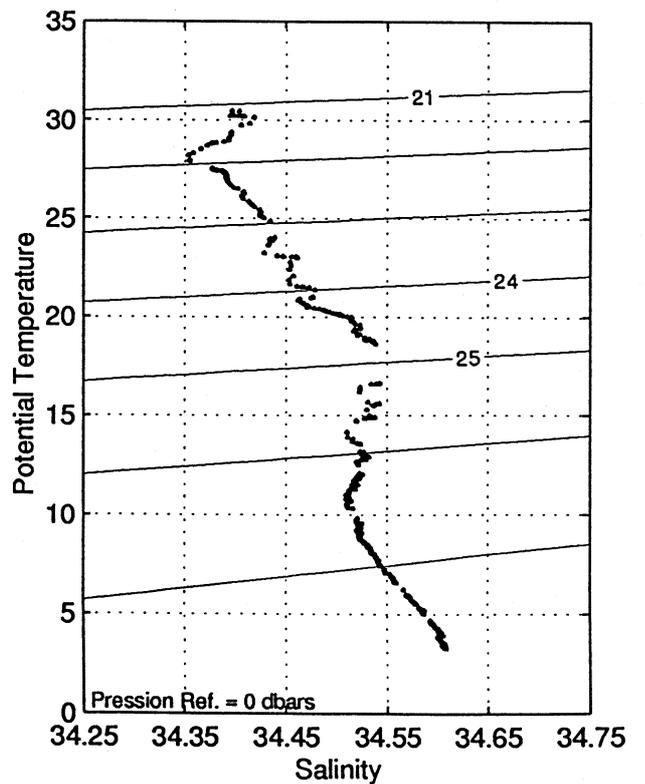
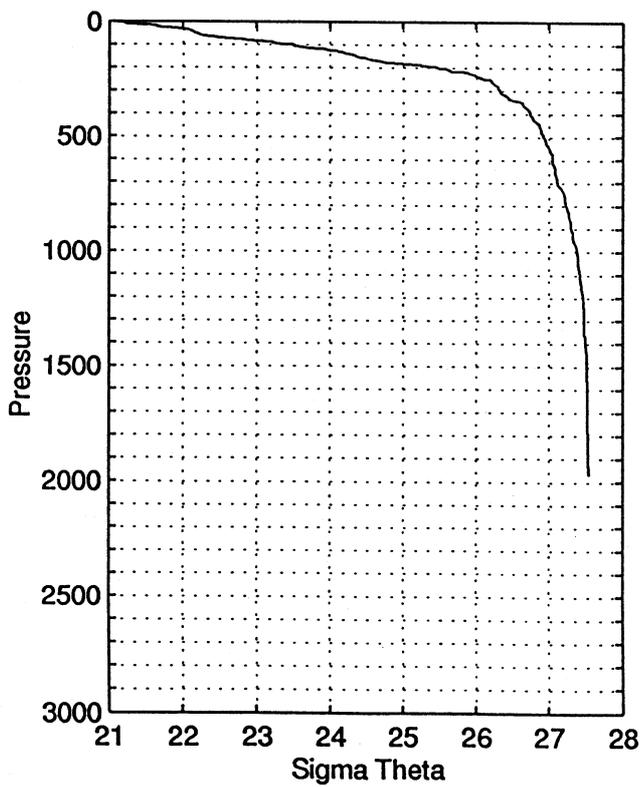
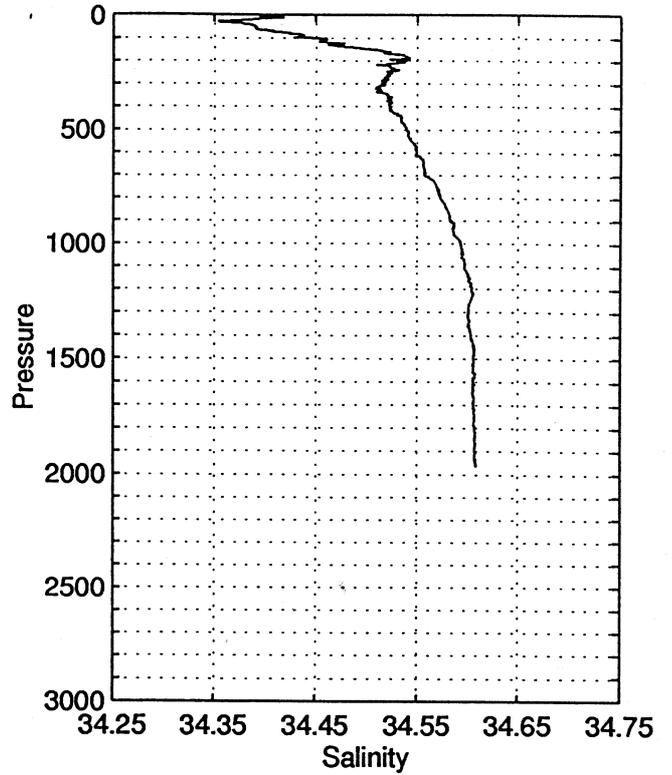
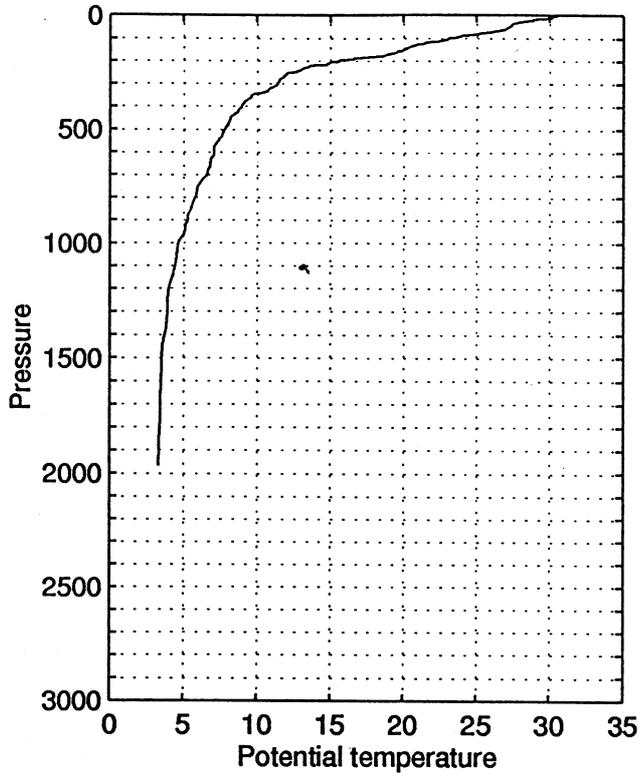
data reduction: 1 dbar

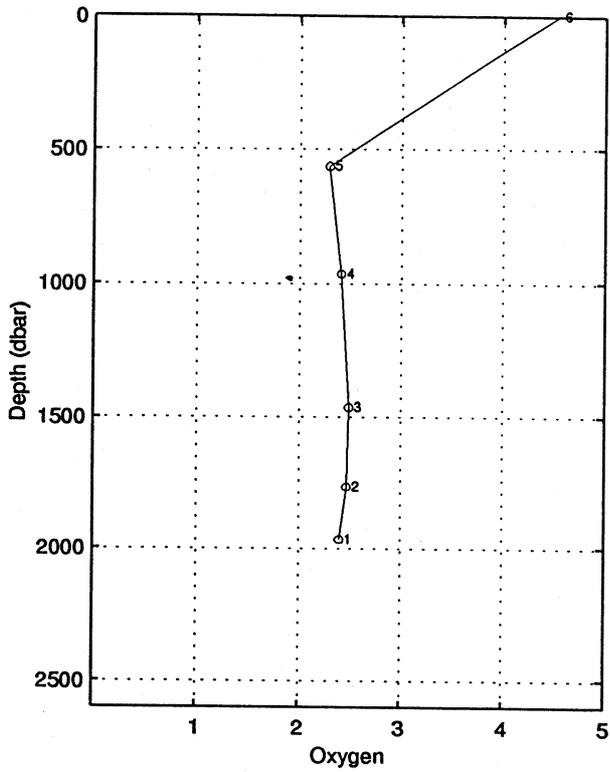
le 1/12/1995 a 4.15 tu -9.1373 123.5563 depth : 2178 m (2202.dbar)

press.	prof	temp.	theta	salin	sigtheta	sigmaamm	gamprf	gapt5	avsp	h-dyn	v(sound)	bva
								(*1e5)	(mdyn)		(cph)	
1.	1.0	30.479	30.479	34.396	21.112	21.110	27.286	21.114	666.5	0.000	1546.0	0.00
10.	9.9	30.161	30.158	34.418	21.238	21.235	27.417	21.278	654.9	0.059	1545.5	7.94
20.	19.9	28.848	28.844	34.380	21.653	21.649	27.854	21.735	615.5	0.122	1542.9	5.28
30.	29.8	27.954	27.947	34.355	21.929	21.925	28.146	22.053	589.6	0.183	1541.1	9.71
40.	39.8	27.440	27.430	34.382	22.117	22.111	28.342	22.283	572.1	0.241	1540.1	3.10
50.	49.7	27.272	27.260	34.390	22.177	22.172	28.406	22.386	566.7	0.298	1539.9	1.52
60.	59.7	26.991	26.977	34.392	22.269	22.263	28.503	22.520	558.4	0.354	1539.4	5.96
70.	69.6	26.162	26.146	34.406	22.542	22.535	28.791	22.836	532.7	0.409	1537.7	10.19
80.	79.5	25.143	25.126	34.424	22.869	22.862	29.138	23.207	501.7	0.460	1535.5	8.44
90.	89.5	23.979	23.960	34.434	23.226	23.219	29.518	23.608	467.9	0.508	1532.8	2.97
100.	99.4	23.083	23.062	34.455	23.504	23.497	29.814	23.930	441.7	0.554	1530.7	5.00
110.	109.4	22.648	22.625	34.455	23.629	23.621	29.948	24.098	430.2	0.598	1529.8	8.35
120.	119.3	21.531	21.507	34.468	23.952	23.944	30.295	24.465	399.7	0.639	1527.0	4.34
130.	129.2	20.860	20.835	34.462	24.130	24.123	30.489	24.689	382.9	0.678	1525.4	4.34
140.	139.2	20.386	20.360	34.487	24.276	24.268	30.645	24.879	369.3	0.716	1524.3	6.53
150.	149.1	20.110	20.082	34.505	24.364	24.355	30.739	25.010	361.3	0.752	1523.7	5.88
159.	158.0	19.622	19.593	34.523	24.506	24.497	30.892	25.243	344.5	0.784	1522.5	6.22
170.	169.0	18.920	18.890	34.533	24.693	24.684	31.096	25.428	330.4	0.822	1520.7	7.30
177.	175.9	18.663	18.632	34.538	24.762	24.754	31.172	26.061	277.5	0.845	1520.1	6.35
190.	188.8	16.623	16.593	34.534	25.254	25.245	31.714	26.083	277.2	0.883	1514.3	1.07
200.	198.8	15.619	15.588	34.538	25.486	25.479	31.973	26.363	255.0	0.909	1511.4	1.96
210.	208.7	14.915	14.883	34.531	25.637	25.629	32.142	26.560	240.8	0.934	1509.3	1.38
220.	218.6	13.734	13.702	34.515	25.875	25.868	32.414	26.847	218.1	0.957	1505.7	6.13
230.	228.6	13.229	13.197	34.523	25.984	25.977	32.537	27.003	207.8	0.978	1504.2	5.69
240.	238.5	12.949	12.916	34.532	26.048	26.041	32.609	27.112	201.9	0.999	1503.4	5.57
252.	250.4	12.125	12.092	34.522	26.201	26.194	32.786	27.323	187.3	1.022	1500.8	8.15
260.	258.4	12.000	11.966	34.521	26.224	26.217	32.813	27.382	185.3	1.037	1500.5	2.55
270.	268.3	11.840	11.805	34.520	26.254	26.247	32.848	27.457	182.7	1.055	1500.2	1.96
280.	278.2	11.575	11.539	34.521	26.304	26.297	32.906	27.553	178.0	1.073	1499.4	2.84
290.	288.2	11.498	11.461	34.516	26.315	26.307	32.919	27.609	177.2	1.091	1499.3	2.40
301.	299.1	11.393	11.355	34.518	26.336	26.328	32.944	27.679	175.4	1.111	1499.1	1.69
320.	318.0	10.899	10.859	34.510	26.420	26.412	33.043	27.851	167.6	1.143	1497.7	1.86
340.	337.8	10.394	10.353	34.516	26.514	26.506	33.153	28.038	158.9	1.176	1496.3	5.03
360.	357.7	9.592	9.551	34.521	26.654	26.647	33.319	28.274	145.5	1.206	1493.7	1.24
380.	377.5	9.173	9.131	34.524	26.725	26.718	33.403	28.438	138.9	1.234	1492.5	2.47
400.	397.4	8.992	8.948	34.523	26.753	26.746	33.438	28.557	136.5	1.262	1492.2	1.86
420.	417.2	8.758	8.712	34.525	26.792	26.785	33.484	28.688	133.0	1.289	1491.6	2.23
440.	437.1	8.360	8.314	34.533	26.860	26.853	33.566	28.850	126.6	1.315	1490.5	2.62
458.	454.9	8.208	8.160	34.535	26.885	26.877	33.595	28.992	123.9	1.337	1490.2	2.23
480.	476.7	8.077	8.027	34.537	26.906	26.898	33.621	29.079	122.7	1.365	1490.1	0.00
500.	496.6	7.883	7.832	34.539	26.937	26.929	33.659	29.203	120.0	1.389	1489.7	1.07
520.	516.4	7.707	7.655	34.541	26.965	26.957	33.693	29.323	117.5	1.413	1489.4	1.38
540.	536.3	7.507	7.454	34.543	26.995	26.987	33.730	29.446	114.8	1.436	1488.9	1.38
560.	556.1	7.295	7.241	34.548	27.029	27.021	33.771	29.573	111.7	1.458	1488.4	2.23
580.	575.9	7.132	7.076	34.549	27.053	27.045	33.801	29.689	109.6	1.481	1488.1	0.00
600.	595.8	7.132	7.074	34.549	27.054	27.045	33.802	29.780	109.8	1.503	1488.5	0.00
650.	645.3	6.878	6.816	34.556	27.094	27.086	33.852	30.050	106.4	1.557	1488.3	0.00
700.	694.9	6.679	6.613	34.557	27.123	27.114	33.887	30.308	104.2	1.609	1488.4	0.00
750.	744.4	6.044	5.977	34.570	27.216	27.207	34.003	30.638	95.2	1.659	1486.7	0.62
806.	799.9	5.805	5.734	34.574	27.250	27.241	34.046	30.930	92.3	1.711	1486.7	1.80
845.	838.5	5.604	5.530	34.580	27.279	27.270	34.083	31.282	87.4	1.747	1486.5	1.86
900.	893.0	5.351	5.274	34.584	27.313	27.304	34.126	31.428	86.7	1.795	1486.4	0.00
950.	942.5	5.154	5.074	34.587	27.339	27.330	34.160	31.686	84.5	1.838	1486.5	0.62
997.	989.0	4.751	4.669	34.594	27.391	27.382	34.227	31.997	78.8	1.876	1485.6	1.75
1050.	1041.5	4.623	4.538	34.595	27.407	27.397	34.247	32.219	78.0	1.918	1486.0	0.87
1092.	1083.0	4.533	4.445	34.597	27.418	27.409	34.263	32.536	76.2	1.950	1486.3	0.00
1151.	1141.4	4.295	4.204	34.603	27.449	27.439	34.302	32.728	74.3	1.995	1486.3	1.75
1200.	1189.8	4.082	3.988	34.605	27.474	27.464	34.335	32.981	71.8	2.031	1486.2	0.87
1248.	1237.3	4.011	3.914	34.604	27.480	27.470	34.344	33.297	71.7	2.065	1486.7	1.24
1300.	1288.7	3.997	3.895	34.601	27.480	27.469	34.345	33.443	71.9	2.103	1487.5	0.00
1412.	1399.3	3.772	3.663	34.604	27.505	27.494	34.380	33.983	69.8	2.183	1488.5	0.97
1500.	1486.2	3.630	3.515	34.606	27.522	27.511	34.402	34.402	68.5	2.243	1489.3	0.62
1597.	1582.0	3.585	3.462	34.606	27.527	27.515	34.409	34.882	68.8	2.310	1490.8	0.00
1700.	1683.6	3.553	3.421	34.606	27.531	27.518	34.415	35.315	69.1	2.381	1492.3	0.00
1800.	1782.2	3.520	3.379	34.608	27.537	27.523	34.422	35.771	69.2	2.450	1493.9	0.76
1901.	1881.7	3.488	3.339	34.607	27.540	27.526	34.427	36.229	69.6	2.520	1495.4	0.44
fin	1966.	1945.8	3.448	3.293	34.609	27.545	27.530	34.434	0.000	2.6*****	0.0	

Mean vertical sound speed between 1. et 1966. dbar : 1494.4 m/s  
Reference pressure for gamprf : 1500. dbar

JADE 95 Station 59 - (1 Dec 95)





# STATION 59

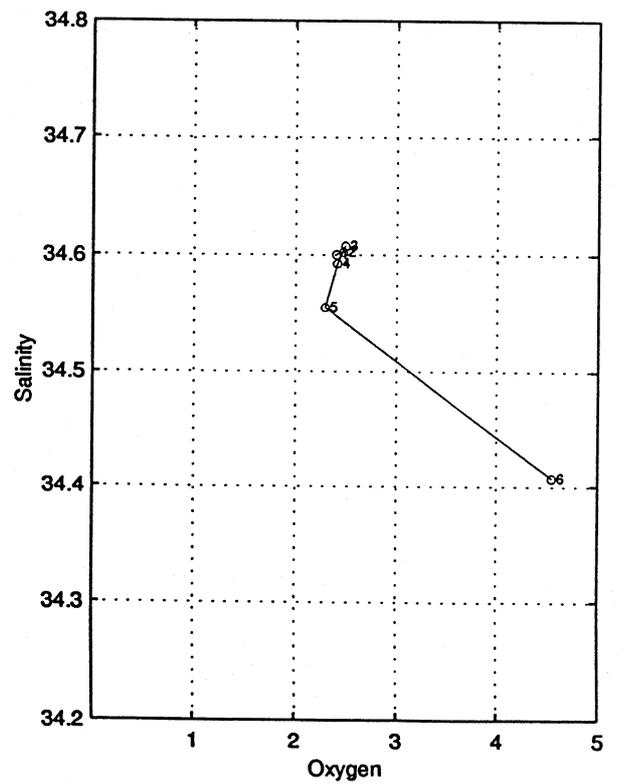
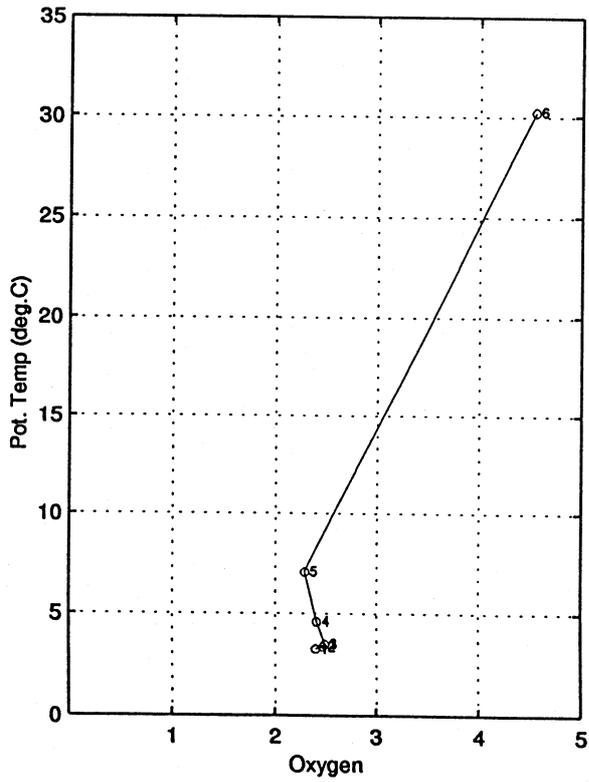
JADE 95

## Oxygen Profile

Bathysonde : Guildline INSU-Brest

Area : South Banda & Timor Sea - Indonesia

Cruise name : JADE95 - R/V Baruna Jaya I





98/10/14  
09:53:54

listacor\_90

1

JADE 95

station : 90.00

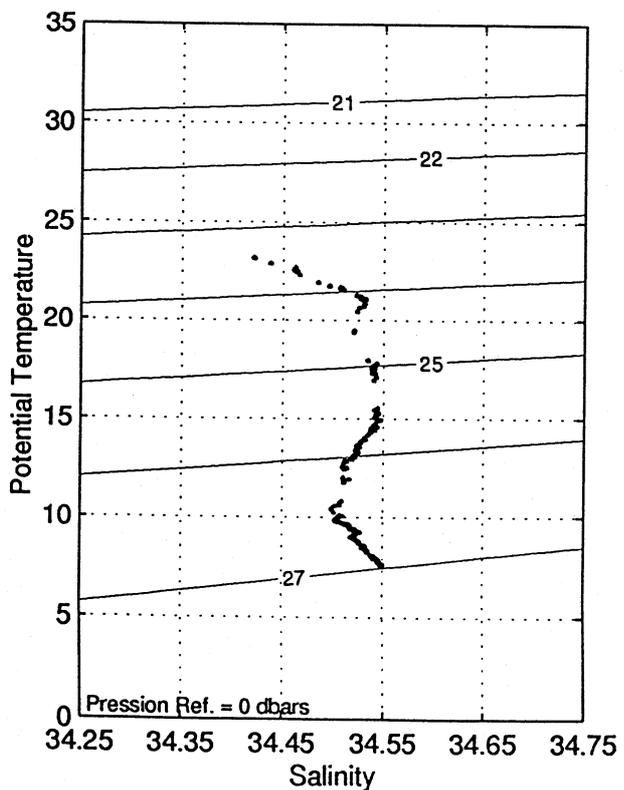
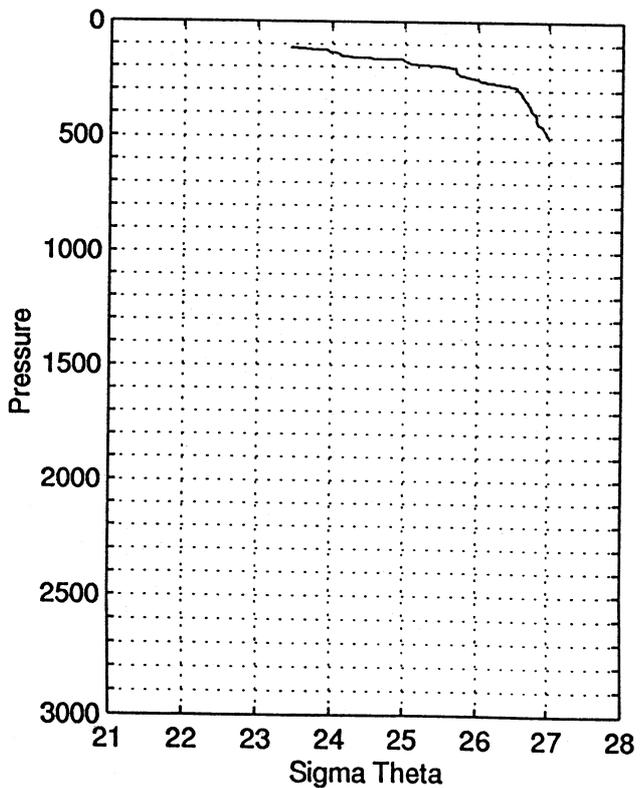
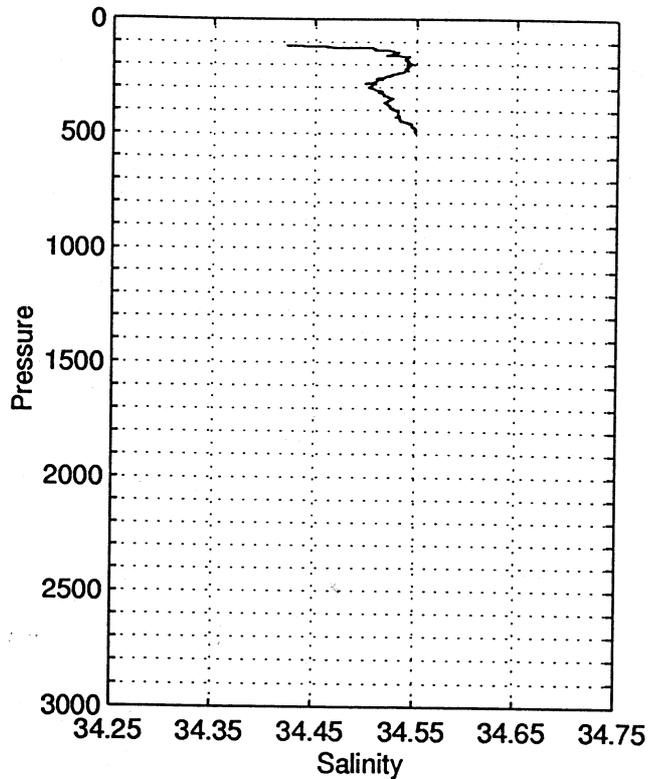
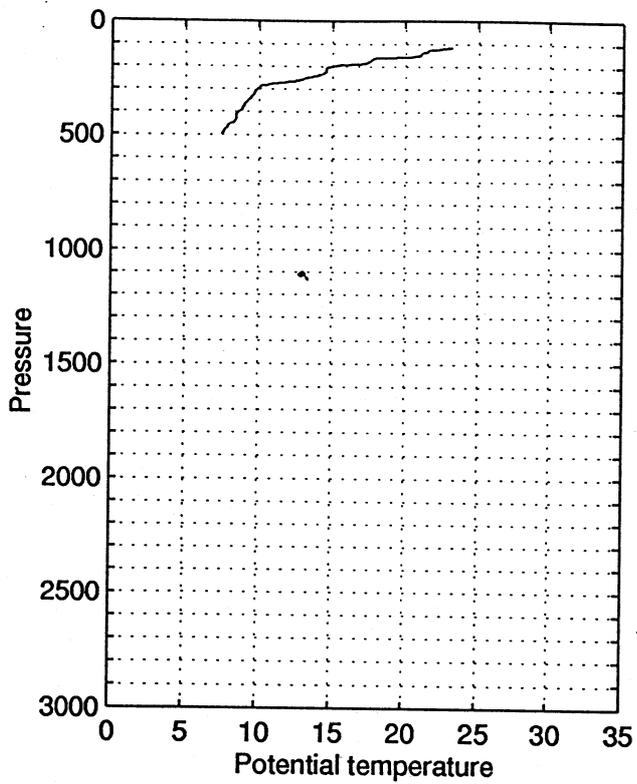
data reduction: 1 dbar

le 28/11/1995 a 3.05 tu -8.5039 125.0019 depth : 3188 m (3231.dbar)

press.	prof	temp.	theta	salin	sigtheta	sigmaammat	gamprf	gapts	avsp	h-dyn	v(sound)	bva
								(*1e5)	(mdyn)		(cph)	
115.	114.3	23.191	23.167	34.421	23.448	23.439	29.756	23.937	447.8	0.000	1531.2	0.00
120.	119.3	22.624	22.600	34.462	23.642	23.633	29.962	24.154	429.4	0.022	1529.9	8.59
130.	129.2	21.632	21.606	34.508	23.955	23.947	30.296	24.512	399.7	0.063	1527.5	3.39
140.	139.2	21.211	21.184	34.528	24.086	24.078	30.436	24.687	387.6	0.103	1526.6	5.22
150.	149.1	21.093	21.064	34.529	24.119	24.110	30.472	24.763	384.8	0.141	1526.4	0.00
160.	159.0	19.403	19.374	34.520	24.560	24.551	30.952	25.251	342.8	0.178	1521.9	8.54
170.	169.0	17.712	17.683	34.542	25.000	24.992	31.432	25.739	300.9	0.209	1517.2	4.01
180.	178.9	17.475	17.445	34.540	25.056	25.047	31.494	25.839	295.9	0.239	1516.7	6.46
193.	191.8	15.580	15.550	34.544	25.500	25.492	31.987	26.346	253.6	0.276	1511.2	13.11
200.	198.8	14.990	14.960	34.548	25.633	25.625	32.136	26.511	241.0	0.293	1509.4	7.83
210.	208.7	14.609	14.578	34.541	25.710	25.703	32.224	26.635	233.7	0.317	1508.4	1.75
220.	218.6	14.587	14.555	34.540	25.715	25.707	32.229	26.683	233.7	0.340	1508.5	0.00
230.	228.6	14.436	14.402	34.539	25.746	25.739	32.265	26.760	230.9	0.363	1508.1	3.50
240.	238.5	13.948	13.914	34.530	25.843	25.835	32.375	26.902	221.8	0.386	1506.7	4.95
250.	248.4	13.294	13.259	34.525	25.973	25.965	32.524	27.080	209.5	0.408	1504.7	6.52
260.	258.4	12.818	12.782	34.511	26.058	26.050	32.623	27.211	201.5	0.428	1503.3	5.64
270.	268.3	11.844	11.809	34.512	26.246	26.239	32.840	27.449	183.4	0.447	1500.2	6.55
280.	278.2	10.688	10.654	34.507	26.454	26.448	33.084	27.708	163.3	0.464	1496.3	4.38
290.	288.2	10.078	10.044	34.506	26.559	26.553	33.208	27.862	153.2	0.480	1494.3	0.00
300.	298.1	9.920	9.885	34.506	26.586	26.580	33.240	27.934	150.8	0.495	1493.9	2.31
320.	318.0	9.687	9.651	34.515	26.632	26.626	33.294	28.072	146.7	0.525	1493.4	1.38
340.	337.8	9.451	9.413	34.522	26.677	26.671	33.347	28.208	142.8	0.554	1492.9	3.03
360.	357.7	9.161	9.121	34.521	26.724	26.717	33.403	28.347	138.6	0.582	1492.1	3.27
380.	377.5	8.942	8.901	34.523	26.760	26.754	33.446	28.475	135.4	0.609	1491.7	3.66
400.	397.4	8.608	8.566	34.532	26.821	26.814	33.518	28.628	129.8	0.636	1490.8	5.60
420.	417.2	8.526	8.481	34.532	26.833	26.826	33.533	28.732	128.9	0.662	1490.8	0.00
440.	437.1	8.414	8.368	34.534	26.853	26.845	33.556	28.842	127.4	0.688	1490.7	1.75
460.	456.9	7.945	7.898	34.543	26.931	26.923	33.650	29.015	119.9	0.713	1489.3	3.03
480.	476.8	7.717	7.669	34.548	26.968	26.961	33.696	29.146	116.5	0.736	1488.7	1.75
fin	498.	494.6	7.570	7.521	34.549	26.990	26.983	33.723	0.000	0.8*****	1.2	

Mean vertical sound speed between 115. et 498. dbar : 1501.1 m/s  
Reference pressure for gamprf : 1500. dbar

JADE 95 Station 90 - (28 Nov 95)



98/10/14  
09:54:55

listacor\_91

1

JADE 95

station : 91.00

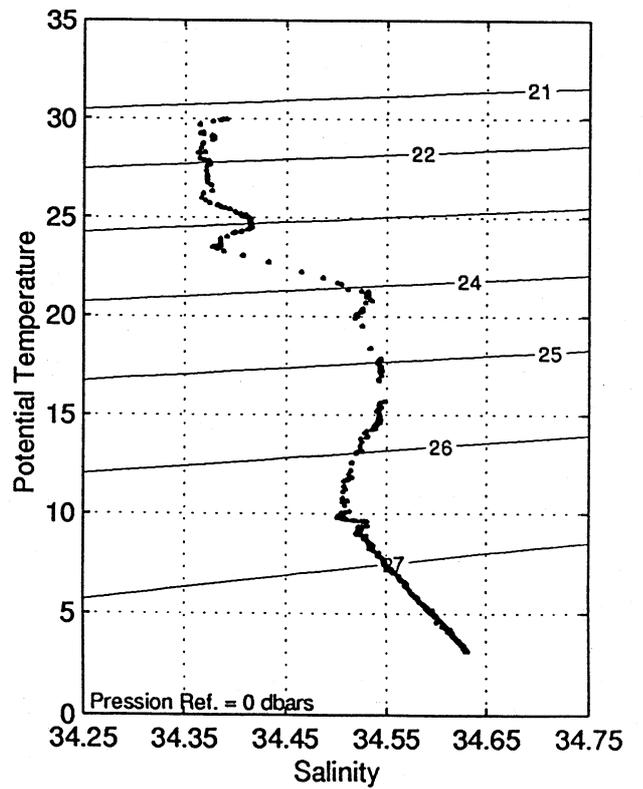
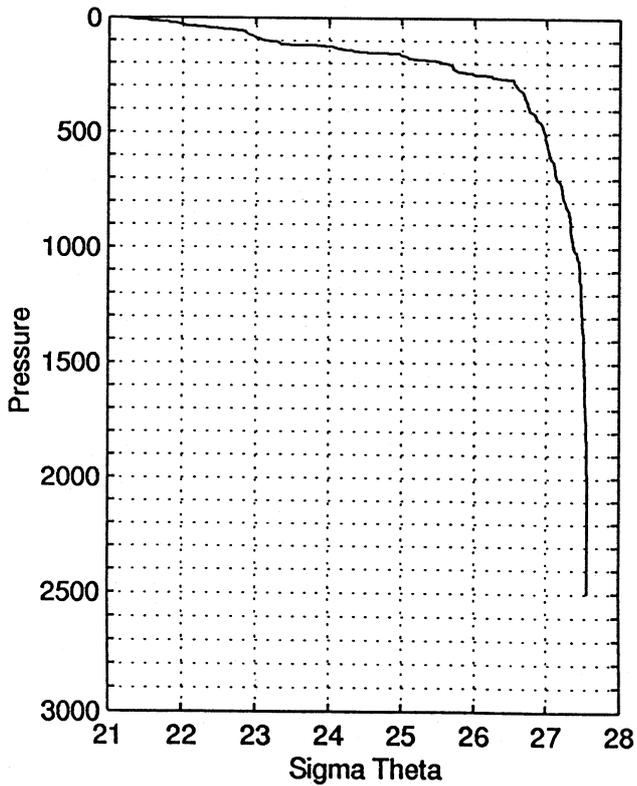
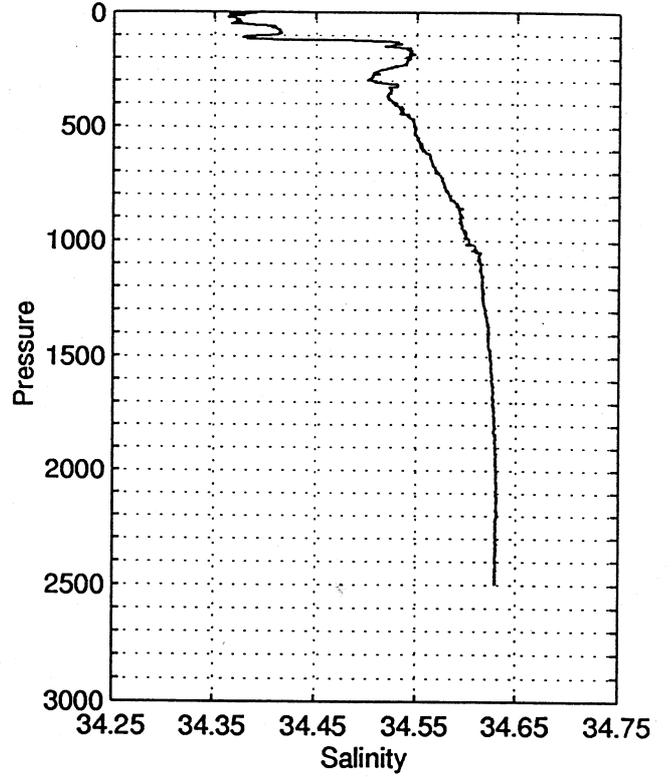
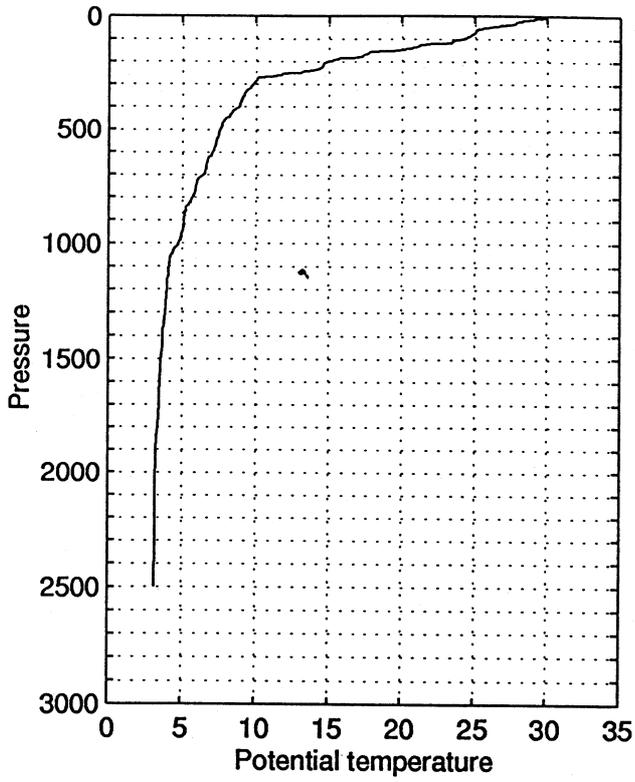
data reduction: 1 dbar

le 29/11/1995 a 4.44 tu -8.5052 125.0032 depth : 3188 m (3231.dbar)

press.	prof	temp.	theta	salin	sigtheta	sigmaammat	gamprf	gapt5	avsp	h-dyn	v(sound)	bva
								(*1e5)	(mdyn)		(cph)	
1.	1.0	29.967	29.967	34.390	21.283	21.280	27.465	21.285	650.2	0.000	1544.9	0.00
10.	9.9	29.271	29.269	34.365	21.500	21.497	27.694	21.540	629.8	0.058	1543.6	6.12
20.	19.9	28.288	28.283	34.363	21.825	21.821	28.036	21.907	599.1	0.119	1541.6	2.63
30.	29.8	27.845	27.838	34.374	21.979	21.974	28.197	22.103	584.8	0.178	1540.8	3.34
40.	39.8	26.951	26.942	34.372	22.265	22.260	28.500	22.432	557.8	0.236	1539.0	12.09
50.	49.7	25.873	25.862	34.370	22.603	22.598	28.858	22.813	525.9	0.290	1536.7	11.78
60.	59.7	25.125	25.112	34.410	22.863	22.857	29.132	23.116	501.5	0.341	1535.1	7.74
70.	69.6	25.036	25.021	34.410	22.891	22.885	29.162	23.187	499.2	0.391	1535.0	2.15
80.	79.5	24.819	24.802	34.414	22.960	22.953	29.235	23.298	493.0	0.441	1534.7	5.31
90.	89.5	24.541	24.522	34.416	23.046	23.038	29.326	23.427	485.3	0.490	1534.2	7.81
100.	99.4	24.258	24.237	34.399	23.118	23.110	29.405	23.542	478.7	0.538	1533.6	3.19
110.	109.4	23.506	23.484	34.381	23.326	23.318	29.628	23.794	459.2	0.585	1531.9	4.72
120.	119.3	22.273	22.250	34.465	23.743	23.735	30.070	24.255	419.7	0.630	1529.0	22.76
130.	129.2	21.257	21.232	34.531	24.075	24.067	30.424	24.632	388.3	0.670	1526.5	0.62
141.	140.2	20.428	20.402	34.526	24.295	24.287	30.663	24.902	367.5	0.712	1524.5	10.98
151.	150.1	19.556	19.528	34.526	24.524	24.516	30.912	25.176	345.9	0.748	1522.2	13.19
160.	159.0	17.766	17.739	34.542	24.986	24.978	31.417	25.681	301.9	0.776	1517.2	3.03
170.	169.0	17.411	17.383	34.545	25.074	25.067	31.514	25.814	293.7	0.806	1516.4	5.40
180.	178.9	17.038	17.009	34.545	25.164	25.156	31.613	25.948	285.5	0.835	1515.4	10.90
190.	188.8	15.440	15.411	34.544	25.531	25.523	32.022	26.364	250.5	0.861	1510.7	4.59
200.	198.8	14.953	14.923	34.543	25.637	25.630	32.142	26.516	240.5	0.886	1509.3	6.92
210.	208.7	14.623	14.592	34.541	25.707	25.700	32.221	26.632	234.0	0.910	1508.4	4.11
220.	218.6	14.593	14.561	34.540	25.713	25.706	32.228	26.682	233.8	0.933	1508.5	0.88
230.	228.6	14.380	14.346	34.539	25.758	25.750	32.279	26.772	229.7	0.956	1508.0	3.56
241.	239.5	13.482	13.448	34.524	25.934	25.926	32.480	27.000	213.0	0.981	1505.2	8.35
250.	248.4	12.647	12.613	34.516	26.095	26.088	32.665	27.205	197.6	1.000	1502.6	9.83
260.	258.4	11.755	11.721	34.510	26.262	26.255	32.859	27.421	181.6	1.018	1499.7	3.03
271.	269.3	10.177	10.146	34.513	26.547	26.542	33.193	27.764	154.0	1.037	1494.3	9.25
280.	278.2	10.096	10.064	34.506	26.555	26.549	33.204	27.813	153.4	1.050	1494.2	0.87
290.	288.2	9.932	9.898	34.504	26.582	26.576	33.236	27.886	151.0	1.066	1493.8	2.55
300.	298.1	9.815	9.780	34.506	26.603	26.597	33.261	27.953	149.1	1.081	1493.5	1.38
324.	321.9	9.438	9.402	34.531	26.686	26.680	33.356	28.146	141.6	1.116	1492.6	3.61
340.	337.8	9.264	9.226	34.525	26.710	26.704	33.385	28.243	139.5	1.138	1492.2	1.24
360.	357.7	9.131	9.091	34.522	26.730	26.723	33.409	28.353	138.0	1.166	1492.0	2.31
380.	377.5	9.013	8.971	34.522	26.749	26.742	33.432	28.463	136.5	1.193	1491.9	1.24
400.	397.4	8.929	8.886	34.529	26.768	26.760	33.454	28.573	135.1	1.221	1491.9	1.24
420.	417.2	8.466	8.422	34.533	26.844	26.836	33.545	28.743	127.9	1.247	1490.6	1.52
440.	437.1	8.272	8.226	34.536	26.876	26.868	33.584	28.867	125.1	1.272	1490.2	0.00
460.	456.9	7.891	7.845	34.543	26.938	26.931	33.660	29.024	119.1	1.296	1489.1	0.87
480.	476.8	7.751	7.703	34.547	26.962	26.955	33.688	29.139	117.1	1.320	1488.9	1.52
500.	496.6	7.603	7.553	34.548	26.985	26.977	33.716	29.254	115.2	1.343	1488.6	2.14
520.	516.4	7.527	7.475	34.549	26.996	26.989	33.730	29.357	114.3	1.366	1488.7	0.87
540.	536.3	7.414	7.361	34.550	27.014	27.006	33.752	29.466	112.9	1.389	1488.6	1.52
560.	556.1	7.362	7.307	34.550	27.022	27.014	33.762	29.565	112.4	1.411	1488.7	0.00
579.	574.9	7.257	7.201	34.555	27.040	27.032	33.784	29.691	110.7	1.433	1488.6	1.96
600.	595.8	7.138	7.080	34.556	27.058	27.050	33.806	29.784	109.4	1.456	1488.5	1.24
650.	645.3	6.730	6.669	34.565	27.122	27.113	33.884	30.080	103.7	1.509	1487.8	1.75
700.	694.9	6.503	6.438	34.569	27.156	27.147	33.926	30.344	100.9	1.560	1487.7	0.00
750.	744.4	6.014	5.946	34.577	27.225	27.217	34.014	30.648	94.2	1.608	1486.6	0.87
802.	796.0	5.725	5.655	34.582	27.266	27.257	34.065	30.930	90.6	1.656	1486.3	2.42
850.	843.5	5.333	5.261	34.593	27.322	27.313	34.135	31.211	85.2	1.699	1485.5	1.86
900.	893.0	5.200	5.124	34.594	27.339	27.330	34.158	31.458	83.9	1.741	1485.8	0.00
950.	942.5	5.102	5.022	34.597	27.353	27.344	34.176	31.701	83.0	1.783	1486.3	0.62
1000.	992.0	4.837	4.755	34.602	27.388	27.379	34.221	31.969	79.7	1.823	1486.0	0.00
1051.	1042.5	4.342	4.259	34.615	27.453	27.444	34.304	32.278	73.0	1.862	1484.8	3.71
1101.	1091.9	4.190	4.104	34.617	27.471	27.462	34.328	32.527	71.4	1.899	1485.0	2.00
1149.	1139.4	4.123	4.033	34.616	27.477	27.468	34.337	32.771	70.7	1.933	1485.6	0.00
1200.	1189.8	4.081	3.987	34.617	27.483	27.473	34.344	32.990	71.0	1.969	1486.2	0.62
1250.	1239.3	4.023	3.925	34.618	27.490	27.480	34.354	33.226	70.6	2.004	1486.8	0.87
1301.	1289.7	3.953	3.852	34.620	27.499	27.489	34.366	33.468	70.0	2.040	1487.4	0.44
1400.	1387.5	3.807	3.699	34.623	27.517	27.506	34.390	33.939	68.8	2.109	1488.4	1.24
1501.	1487.2	3.698	3.582	34.625	27.530	27.518	34.407	34.412	68.1	2.178	1489.7	0.00
1600.	1584.9	3.629	3.505	34.626	27.539	27.527	34.420	34.870	67.8	2.246	1491.0	0.00
1700.	1683.6	3.587	3.455	34.627	27.545	27.531	34.427	35.327	68.0	2.313	1492.5	0.00
1800.	1782.2	3.511	3.370	34.629	27.554	27.540	34.440	35.789	67.6	2.381	1493.9	0.00
1900.	1880.8	3.413	3.265	34.630	27.565	27.551	34.455	36.253	66.9	2.448	1495.1	0.87
2000.	1979.3	3.381	3.224	34.631	27.570	27.554	34.461	36.707	67.2	2.515	1496.7	0.87
2100.	2077.8	3.368	3.202	34.631	27.572	27.556	34.464	37.156	67.7	2.583	1498.3	0.62
2199.	2175.2	3.362	3.187	34.631	27.573	27.557	34.466	37.621	68.3	2.650	1499.9	0.62
2302.	2276.6	3.371	3.185	34.631	27.573	27.556	34.467	38.057	69.1	2.721	1501.7	0.76
2400.	2372.9	3.375	3.179	34.630	27.573	27.555	34.467	38.491	69.9	2.789	1503.4	0.00
fin	2497.	2468.3	3.377	3.172	34.630	27.573	27.554	34.467	0.000	2.9*****	0.0	

Mean vertical sound speed between 1. et 2497. dbar : 1495.3 m/s  
Reference pressure for gamprf : 1500. dbar

JADE 95 Station 91 - (29 Nov 95)



98/10/14  
09:55:53

listacor\_92

1

JADE 95

station : 92.00

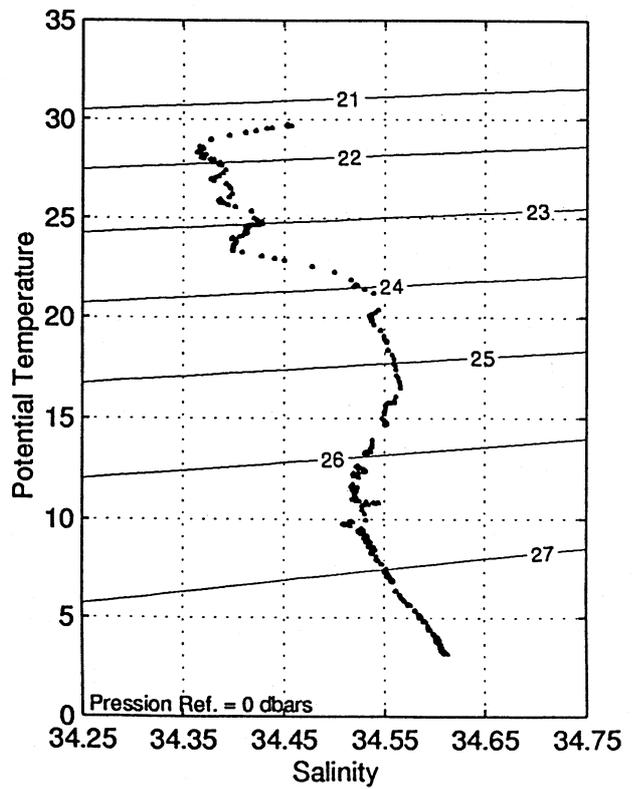
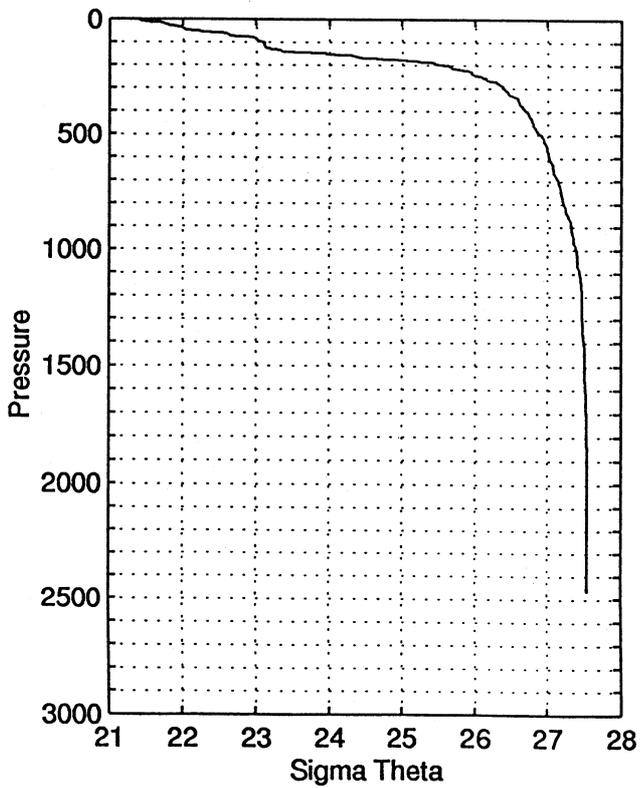
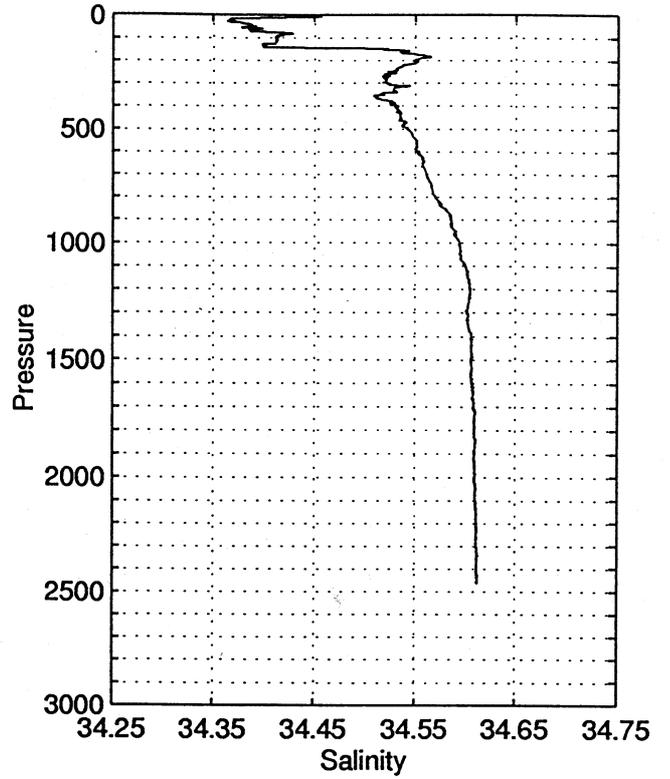
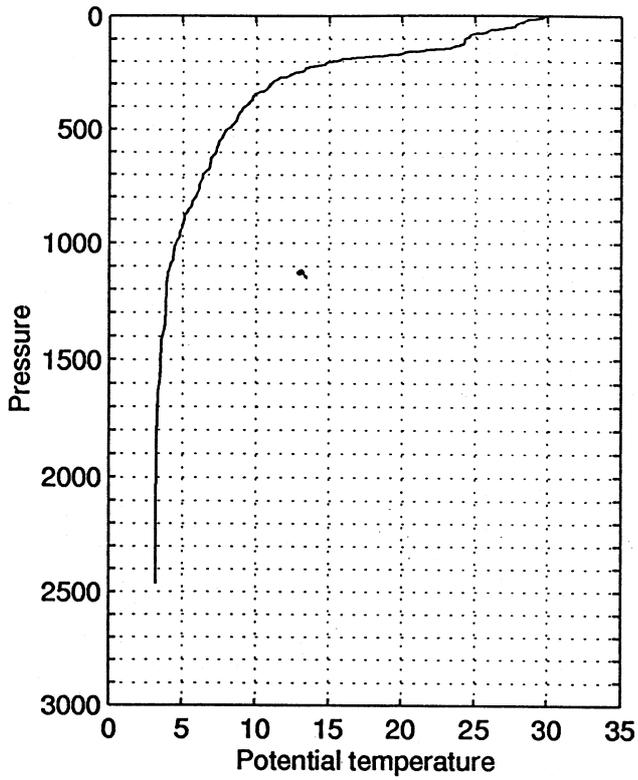
data reduction: 1 dbar

le 11/11/1995 a 8.15 tu -7.9333 122.2833 depth : 2500 m (2529.dbar)

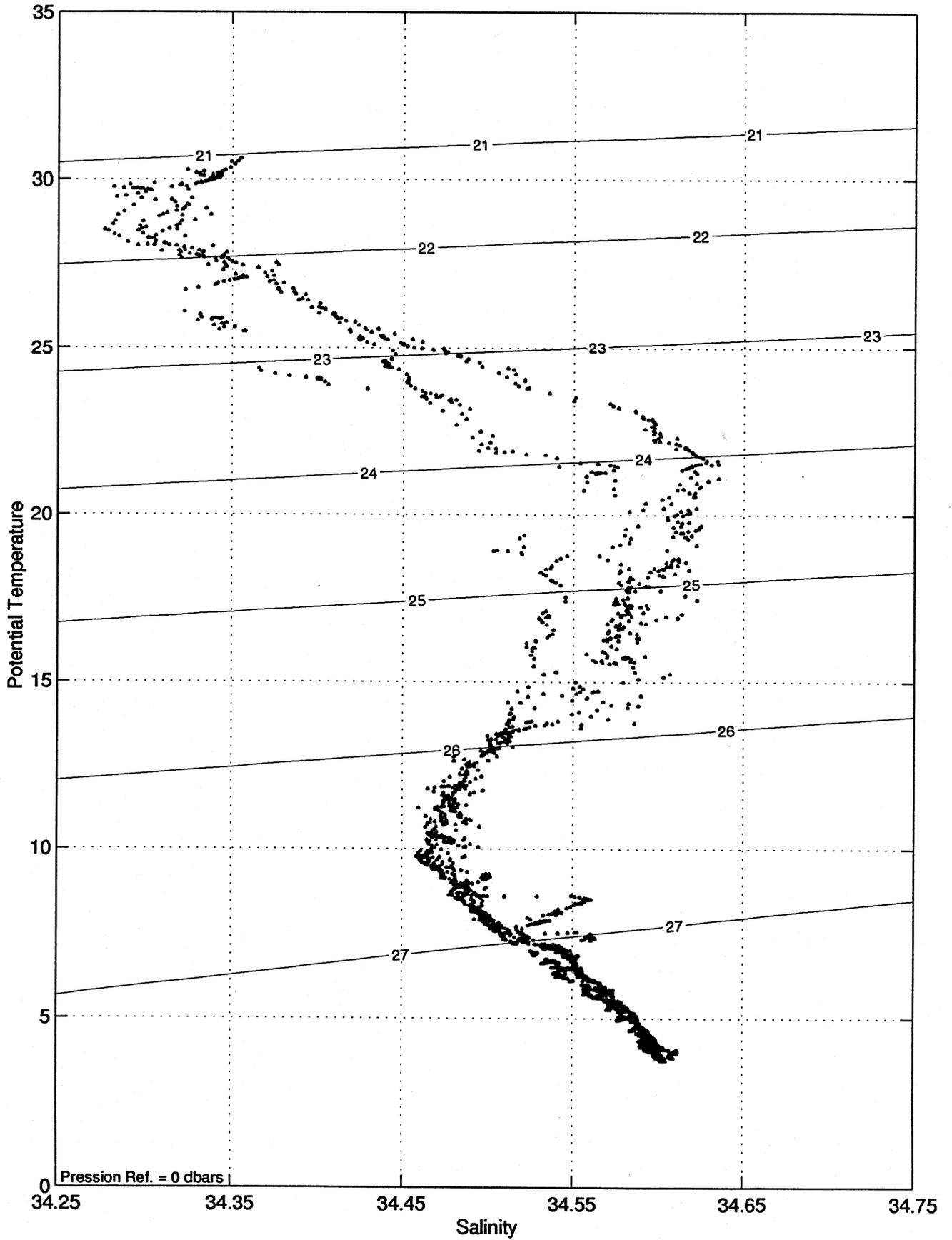
press.	prof	temp.	theta	salin	sigtheta	sigmaamm	gamprf	gapt5	avsp	h-dyn	v(sound)	bva
								(*1e5)	(mdyn)		(cph)	
1.	1.0	29.733	29.732	34.453	21.410	21.407	27.595	21.412	638.0	0.000	1544.5	0.00
10.	9.9	29.548	29.545	34.432	21.457	21.454	27.645	21.497	633.9	0.057	1544.2	4.21
20.	19.9	28.510	28.505	34.369	21.757	21.753	27.964	21.839	605.6	0.119	1542.1	5.95
30.	29.8	28.119	28.112	34.370	21.887	21.882	28.100	22.011	593.6	0.179	1541.4	10.47
40.	39.8	27.767	27.758	34.387	22.015	22.010	28.234	22.181	581.8	0.238	1540.8	4.86
50.	49.7	27.289	27.278	34.389	22.171	22.165	28.399	22.380	567.3	0.296	1539.9	12.59
60.	59.7	26.242	26.229	34.398	22.510	22.504	28.757	22.762	535.3	0.351	1537.7	16.45
70.	69.6	25.801	25.786	34.386	22.639	22.632	28.895	22.933	523.4	0.404	1536.8	3.45
80.	79.5	24.831	24.814	34.427	22.966	22.960	29.241	23.305	492.4	0.455	1534.7	7.16
90.	89.5	24.639	24.620	34.413	23.014	23.006	29.293	23.395	488.3	0.504	1534.4	0.00
100.	99.4	24.327	24.306	34.412	23.107	23.099	29.392	23.531	479.8	0.552	1533.8	4.25
110.	109.4	24.313	24.289	34.413	23.113	23.105	29.398	23.580	479.7	0.600	1533.9	0.88
120.	119.3	24.269	24.243	34.412	23.126	23.117	29.412	23.635	478.9	0.648	1534.0	2.32
130.	129.2	23.963	23.936	34.398	23.206	23.197	29.499	23.758	471.6	0.696	1533.4	5.00
140.	139.2	23.393	23.364	34.399	23.374	23.364	29.678	23.970	455.9	0.742	1532.1	5.10
151.	150.1	21.619	21.590	34.521	23.969	23.959	30.310	24.616	399.3	0.788	1527.9	3.22
160.	159.0	20.254	20.225	34.540	24.353	24.343	30.724	25.041	362.8	0.823	1524.3	6.44
170.	169.0	19.389	19.358	34.546	24.584	24.574	30.975	25.318	341.0	0.858	1522.1	15.86
180.	178.9	17.438	17.407	34.561	25.081	25.073	31.520	25.864	293.5	0.890	1516.6	12.10
190.	188.8	15.809	15.779	34.555	25.457	25.449	31.938	26.289	257.6	0.917	1511.8	0.00
200.	198.8	15.044	15.013	34.548	25.621	25.614	32.123	26.500	242.1	0.943	1509.6	12.33
210.	208.7	14.735	14.704	34.551	25.691	25.683	32.201	26.615	235.6	0.966	1508.8	2.86
221.	219.6	13.974	13.943	34.538	25.843	25.835	32.374	26.818	221.3	0.992	1506.5	7.25
230.	228.6	13.396	13.364	34.536	25.961	25.954	32.509	26.979	210.1	1.011	1504.8	4.15
241.	239.5	13.235	13.201	34.533	25.991	25.983	32.544	27.058	207.5	1.034	1504.4	4.91
250.	248.4	12.638	12.604	34.526	26.105	26.097	32.675	27.214	196.7	1.052	1502.5	3.66
260.	258.4	12.345	12.311	34.519	26.157	26.149	32.736	27.312	191.9	1.071	1501.7	2.40
270.	268.3	11.710	11.676	34.517	26.276	26.269	32.874	27.479	180.6	1.090	1499.7	7.40
280.	278.2	11.458	11.423	34.521	26.325	26.318	32.931	27.575	175.9	1.108	1499.0	2.63
290.	288.2	11.169	11.133	34.521	26.379	26.372	32.994	27.675	170.9	1.125	1498.2	0.62
300.	298.1	11.014	10.977	34.523	26.409	26.402	33.028	27.750	168.3	1.142	1497.8	4.01
321.	319.0	10.761	10.722	34.529	26.459	26.452	33.086	27.896	163.9	1.177	1497.3	0.95
340.	337.8	10.033	9.994	34.532	26.588	26.580	33.238	28.114	151.7	1.207	1495.0	4.86
360.	357.7	9.802	9.761	34.512	26.612	26.604	33.270	28.230	149.7	1.238	1494.5	2.70
380.	377.5	9.596	9.553	34.527	26.658	26.650	33.322	28.367	145.6	1.267	1494.1	1.75
400.	397.4	9.236	9.192	34.531	26.720	26.713	33.396	28.522	139.8	1.296	1493.1	2.77
420.	417.2	9.041	8.995	34.534	26.754	26.747	33.437	28.648	136.8	1.323	1492.7	1.88
440.	437.1	8.799	8.751	34.535	26.794	26.786	33.484	28.779	133.3	1.350	1492.1	0.62
460.	456.9	8.696	8.646	34.535	26.810	26.802	33.504	28.887	132.1	1.377	1492.1	1.07
480.	476.8	8.443	8.392	34.538	26.852	26.844	33.555	29.021	128.2	1.403	1491.5	3.09
500.	496.6	8.019	7.968	34.542	26.919	26.911	33.637	29.183	121.8	1.428	1490.2	4.10
525.	521.4	7.776	7.723	34.547	26.960	26.952	33.685	29.339	118.2	1.458	1489.7	2.24
531.	527.3	7.772	7.718	34.548	26.961	26.952	33.686	29.500	114.6	1.465	1489.8	1.64
560.	556.1	7.479	7.424	34.551	27.006	26.998	33.742	29.547	114.1	1.499	1489.2	0.87
580.	575.9	7.385	7.328	34.552	27.020	27.012	33.760	29.653	112.9	1.521	1489.1	0.62
600.	595.8	7.292	7.234	34.554	27.035	27.027	33.778	29.760	111.7	1.544	1489.1	3.05
651.	646.3	6.911	6.849	34.557	27.091	27.082	33.847	30.051	106.8	1.599	1488.5	1.36
700.	694.9	6.421	6.356	34.561	27.160	27.152	33.934	30.350	100.3	1.651	1487.4	2.47
750.	744.4	6.191	6.123	34.566	27.194	27.185	33.976	30.614	97.5	1.700	1487.3	1.24
802.	796.0	5.907	5.836	34.571	27.234	27.225	34.027	30.895	93.9	1.750	1487.0	1.83
856.	849.4	5.443	5.369	34.582	27.300	27.291	34.110	31.214	87.6	1.799	1486.1	2.48
900.	893.0	5.183	5.108	34.587	27.335	27.326	34.154	31.454	84.3	1.837	1485.8	1.38
950.	942.5	4.924	4.846	34.591	27.369	27.360	34.198	31.720	81.2	1.878	1485.5	1.96
1006.	997.9	4.595	4.514	34.595	27.409	27.400	34.251	32.023	77.2	1.923	1485.1	1.53
1051.	1042.5	4.472	4.388	34.596	27.424	27.414	34.270	32.245	76.1	1.957	1485.4	0.87
1099.	1090.0	4.252	4.165	34.600	27.451	27.442	34.306	32.612	72.2	1.993	1485.2	1.86
1150.	1140.4	4.059	3.970	34.604	27.474	27.465	34.337	32.756	71.2	2.030	1485.3	1.29
1200.	1189.8	4.002	3.909	34.605	27.482	27.472	34.347	32.992	70.8	2.066	1485.9	0.62
1246.	1235.3	3.979	3.882	34.605	27.484	27.474	34.350	33.312	71.3	2.098	1486.6	0.87
1301.	1289.7	3.951	3.850	34.602	27.485	27.475	34.353	33.455	71.3	2.137	1487.4	0.49
1403.	1390.4	3.716	3.608	34.607	27.513	27.502	34.390	33.952	68.8	2.209	1488.1	1.16
1498.	1484.3	3.634	3.519	34.607	27.522	27.511	34.403	34.426	68.5	2.274	1489.3	1.07
1600.	1584.9	3.548	3.425	34.608	27.532	27.520	34.416	34.866	68.2	2.344	1490.7	1.07
1700.	1683.6	3.444	3.313	34.609	27.544	27.531	34.432	35.333	67.5	2.412	1491.9	0.62
1800.	1782.2	3.407	3.267	34.610	27.549	27.535	34.439	35.789	67.6	2.479	1493.4	0.00
1900.	1880.8	3.399	3.251	34.610	27.551	27.536	34.441	36.239	68.2	2.547	1495.1	0.00
1998.	1977.3	3.388	3.231	34.611	27.553	27.538	34.444	36.717	68.8	2.614	1496.6	0.87
2100.	2077.8	3.385	3.219	34.611	27.555	27.539	34.447	37.138	69.3	2.685	1498.4	0.00
2200.	2176.2	3.389	3.213	34.612	27.556	27.539	34.448	37.585	70.0	2.755	1500.1	0.00
2300.	2274.6	3.398	3.212	34.612	27.556	27.538	34.448	38.029	70.9	2.825	1501.8	0.00
2397.	2370.0	3.396	3.201	34.613	27.557	27.539	34.450	38.523	71.5	2.894	1503.4	0.00
fin	2465.	2436.9	3.401	3.198	34.613	27.558	27.538	34.450	0.000	2.9*****	0.0	

Mean vertical sound speed between 1. et 2465. dbar : 1495.6 m/s  
Reference pressure for gamprf : 1500. dbar

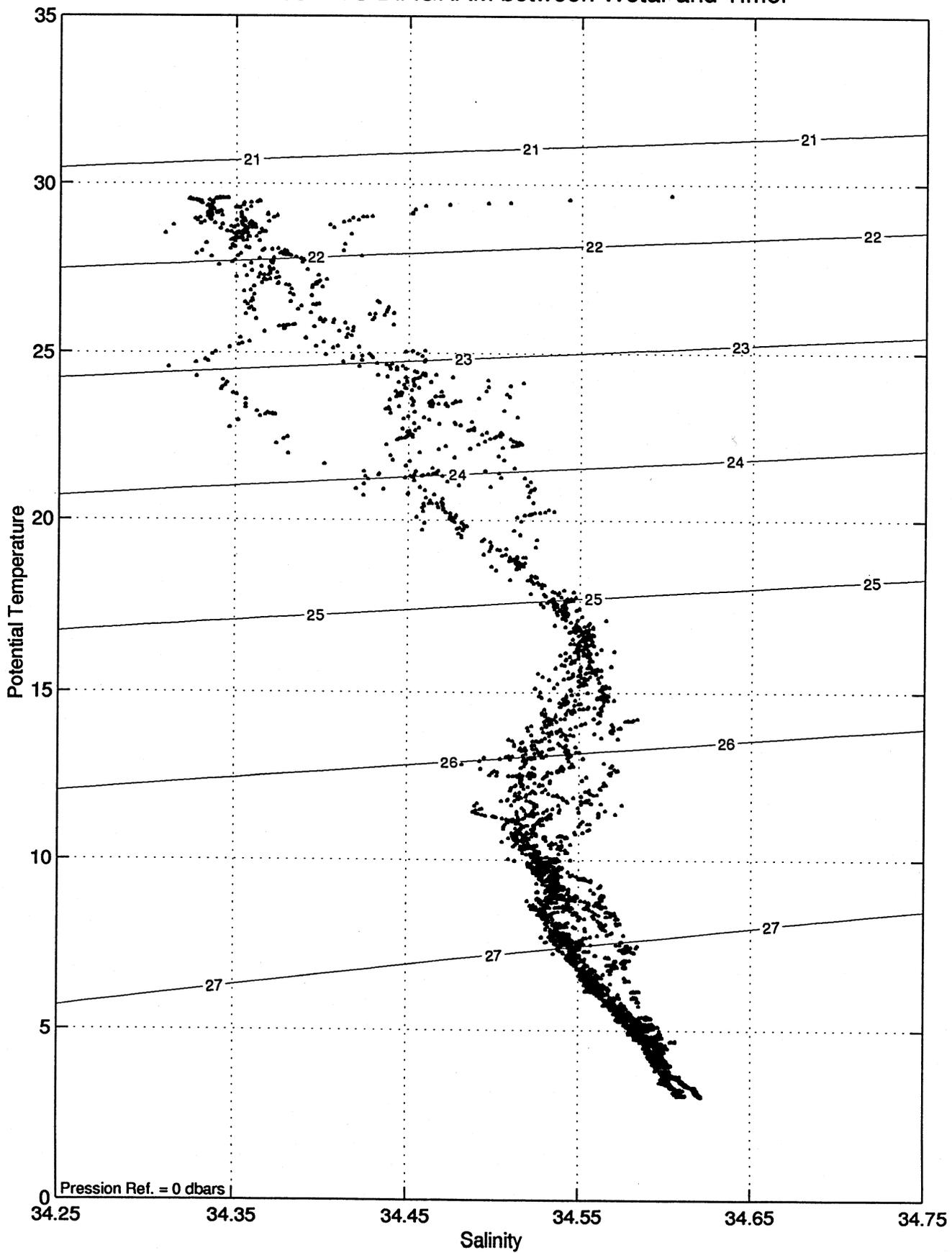
JADE 95 Station 92 - (11 Nov 95)



JADE 95 - TS DIAGRAM between Wetar and Alor

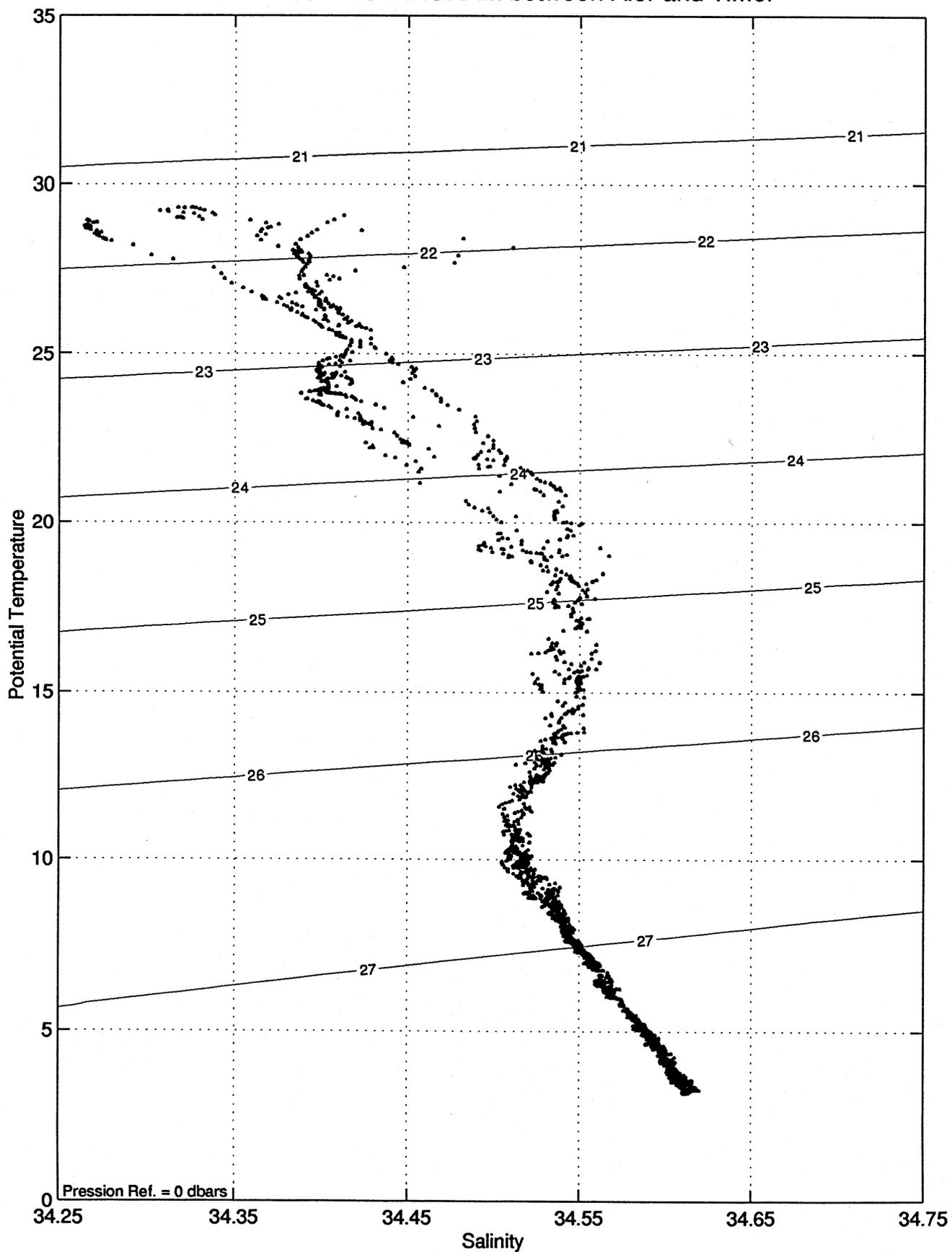


# JADE 95 - TS DIAGRAM between Wetar and Timor

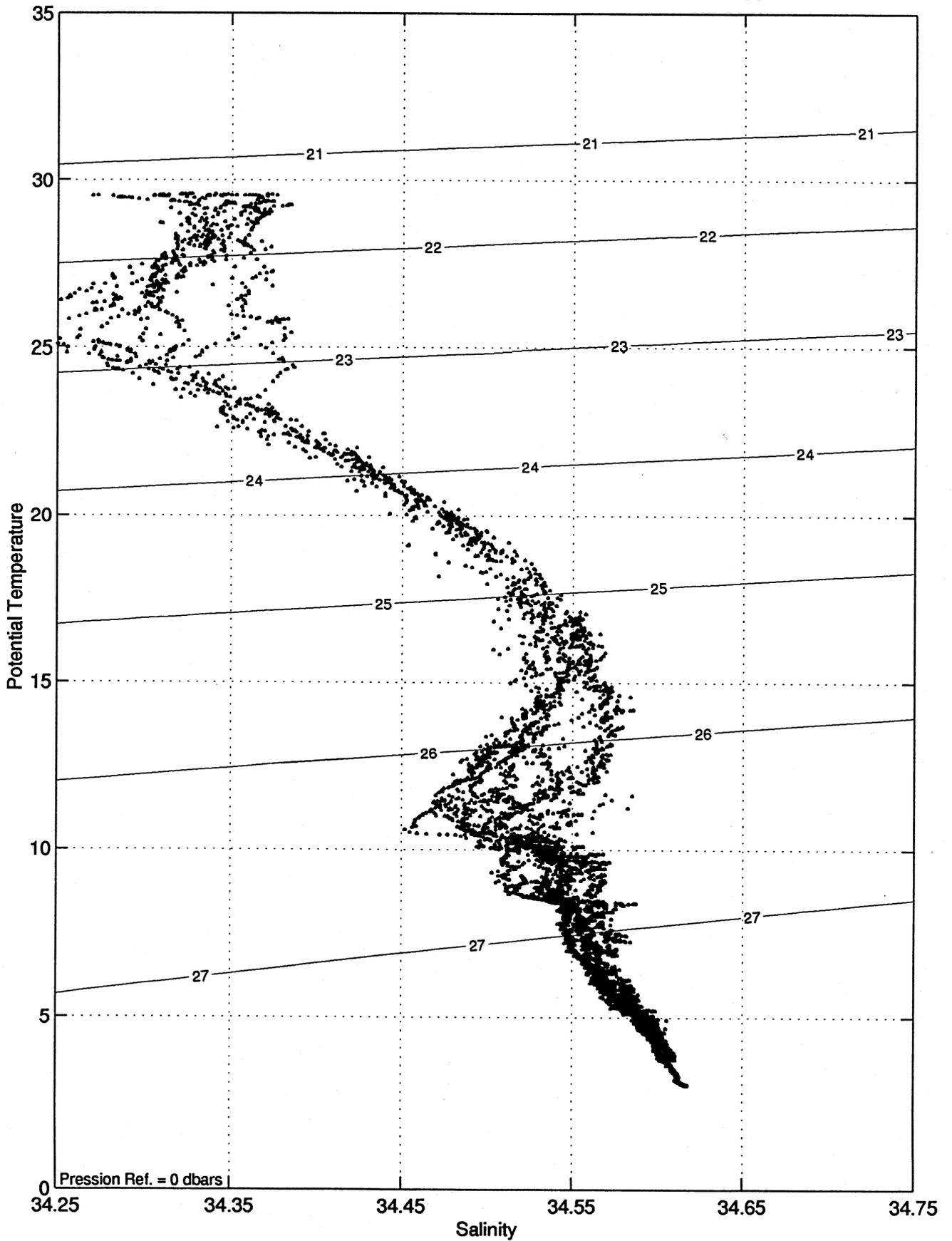




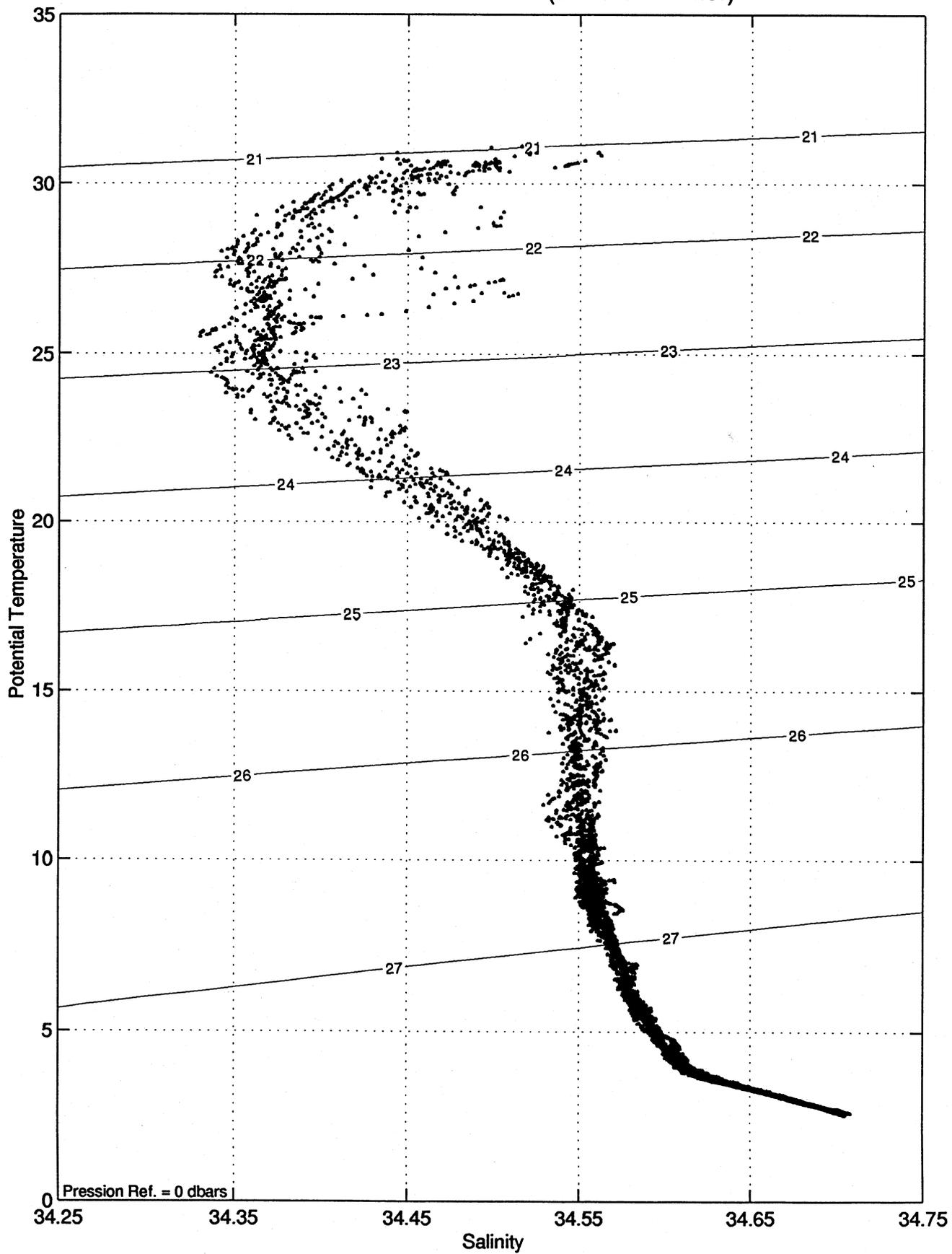
# JADE 95 - TS DIAGRAM between Alor and Timor



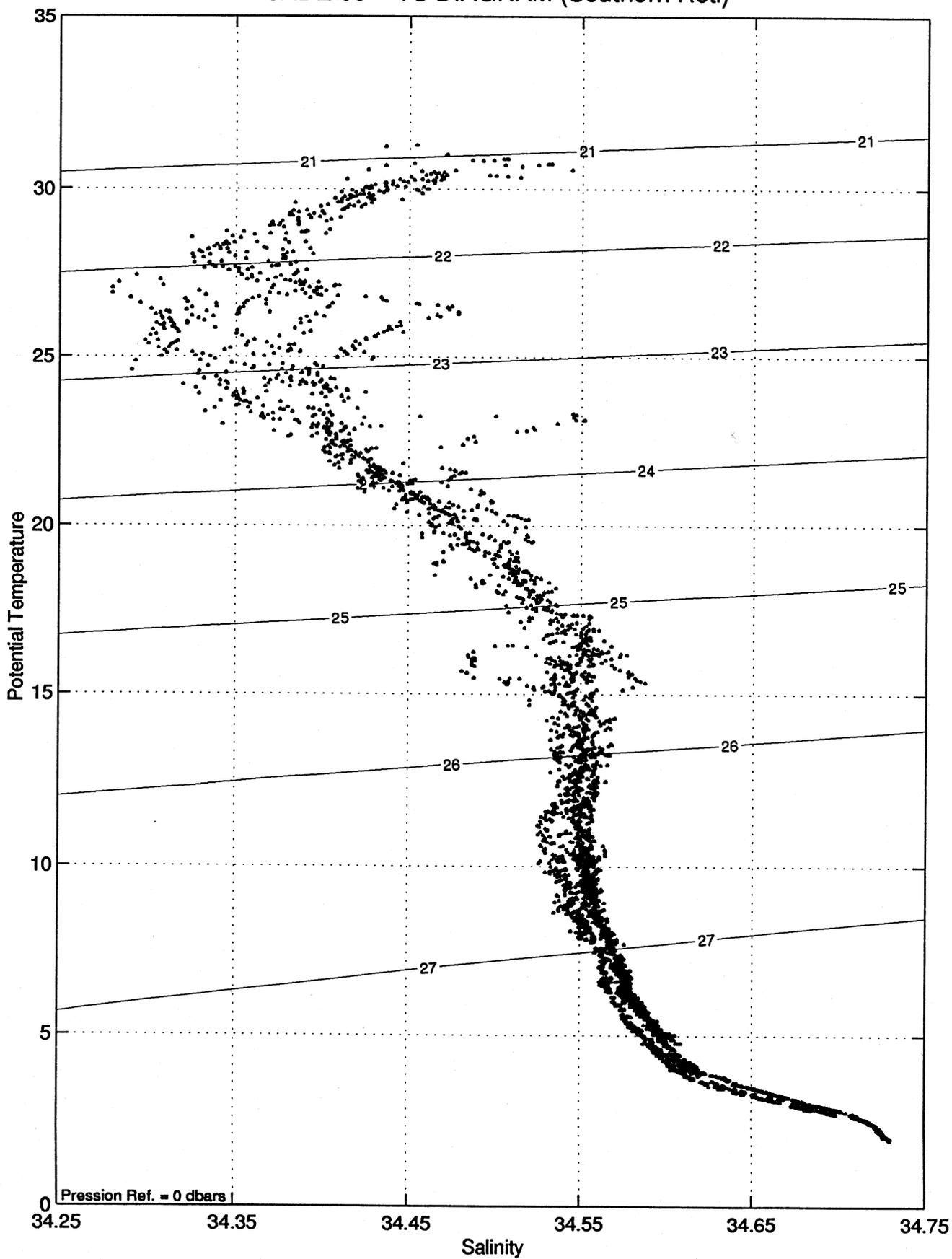
# JADE 95 - TS DIAGRAM between Wetar and Leti



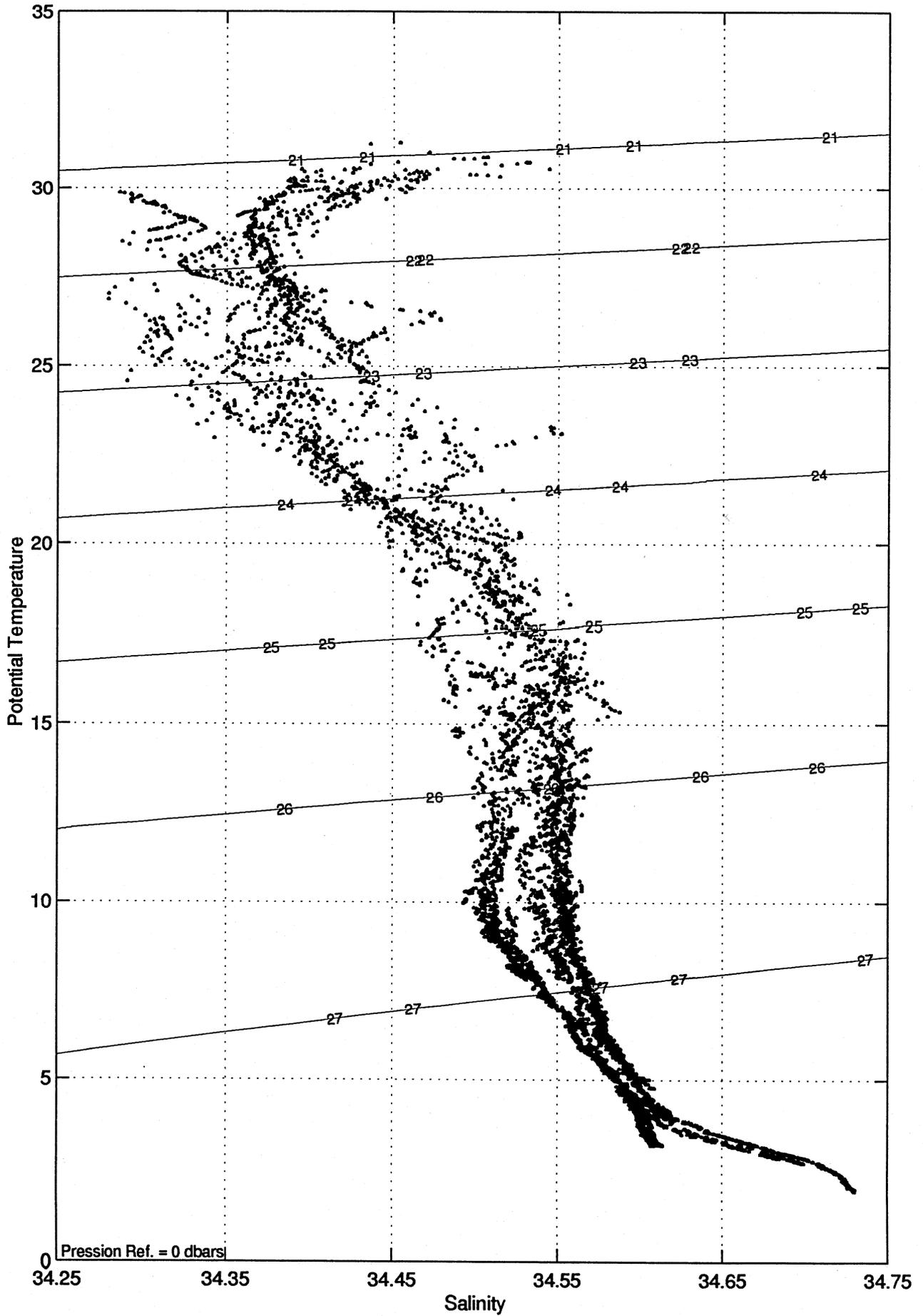
# JADE 95 - TS DIAGRAM (Southern Timor)



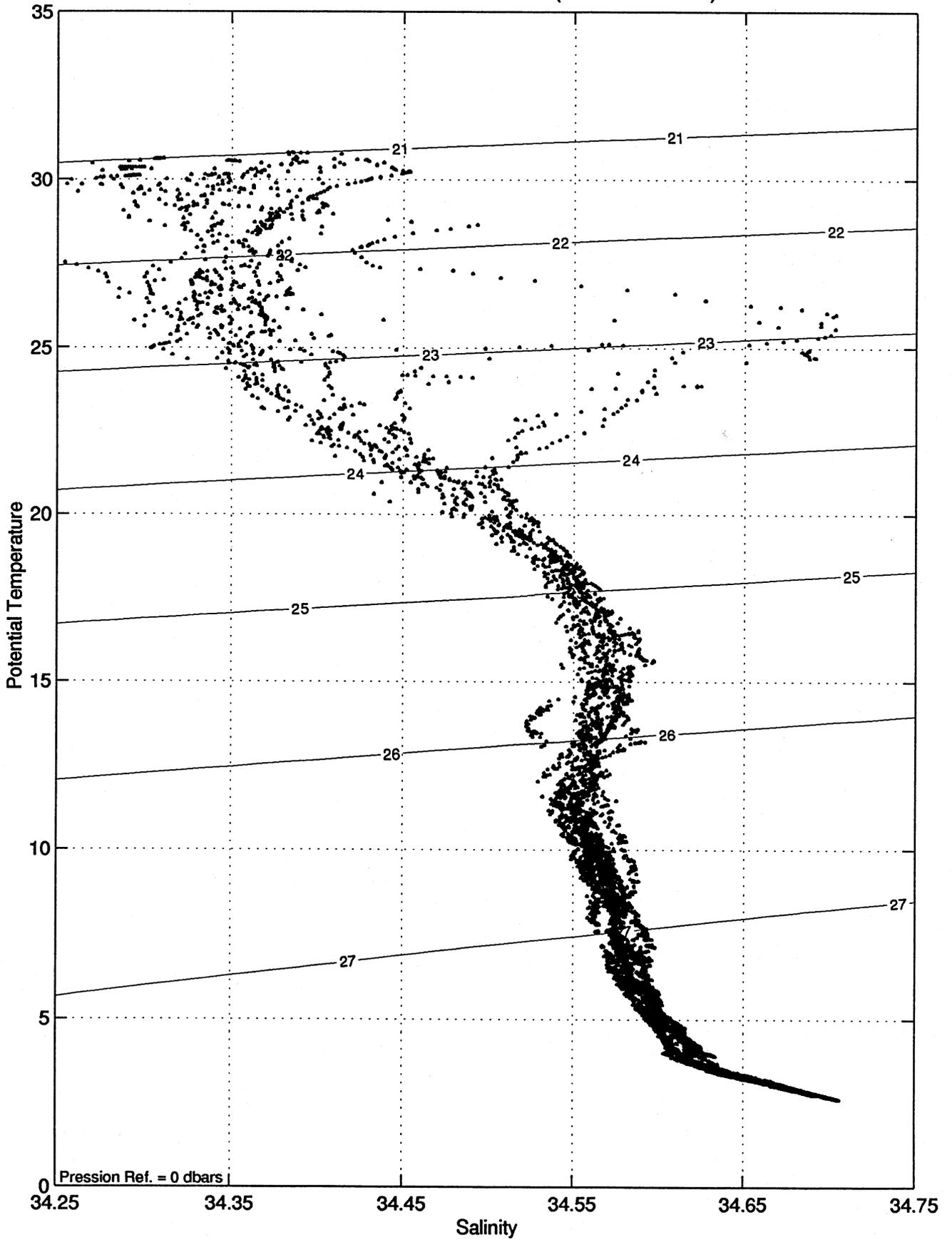
# JADE 95 - TS DIAGRAM (Southern Roti)



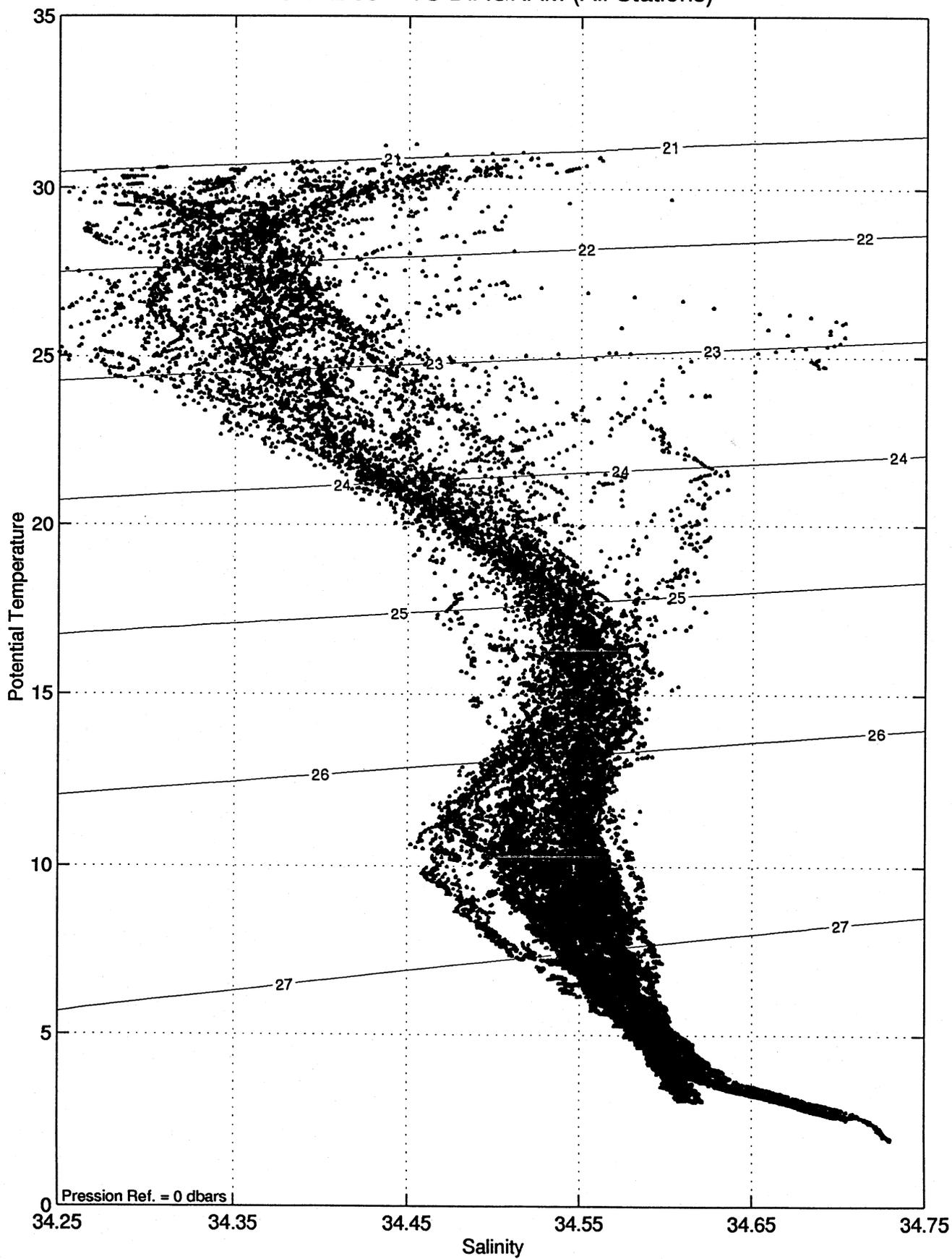
# JADE 95 - TS DIAGRAM between Timor dan Lembeh



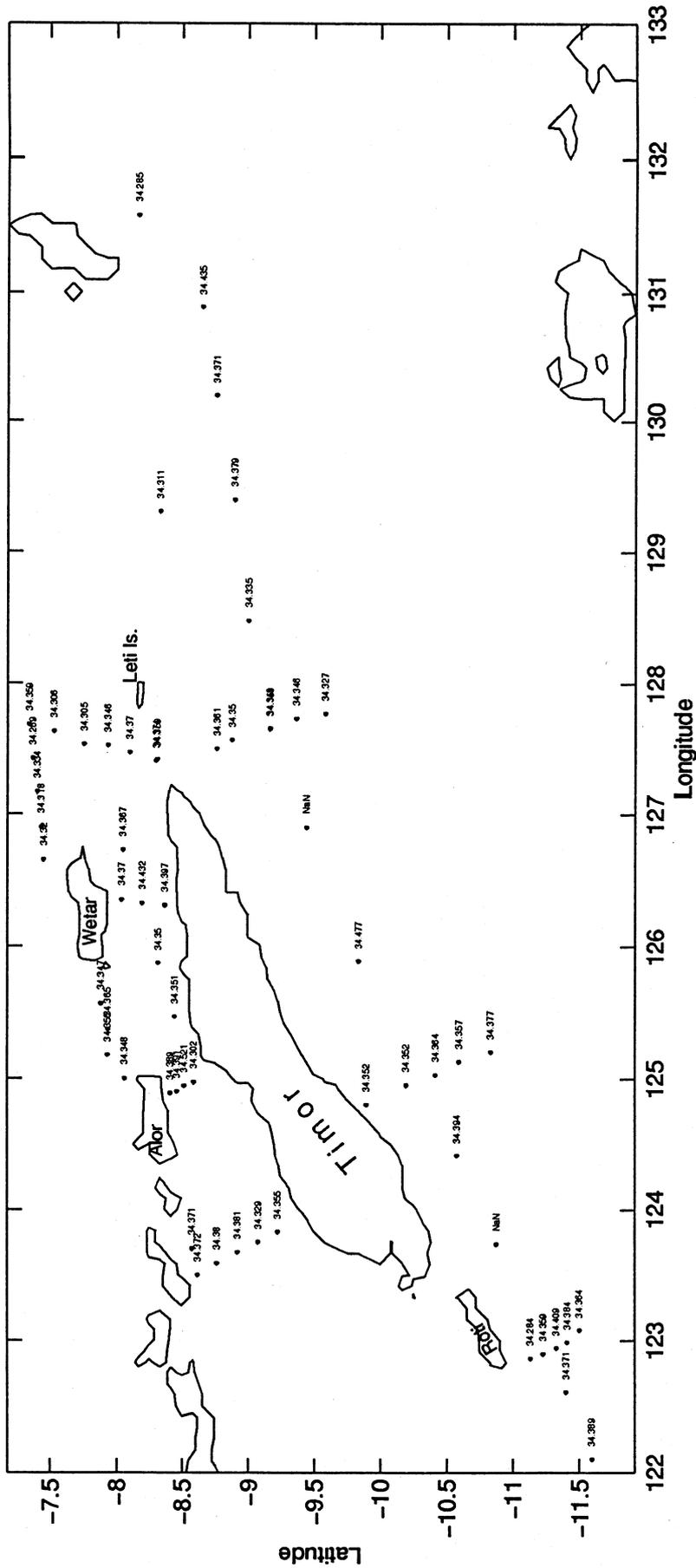
# JADE 95 - TS DIAGRAM (Southern Leti)



# JADE 95 - TS DIAGRAM (All Stations)

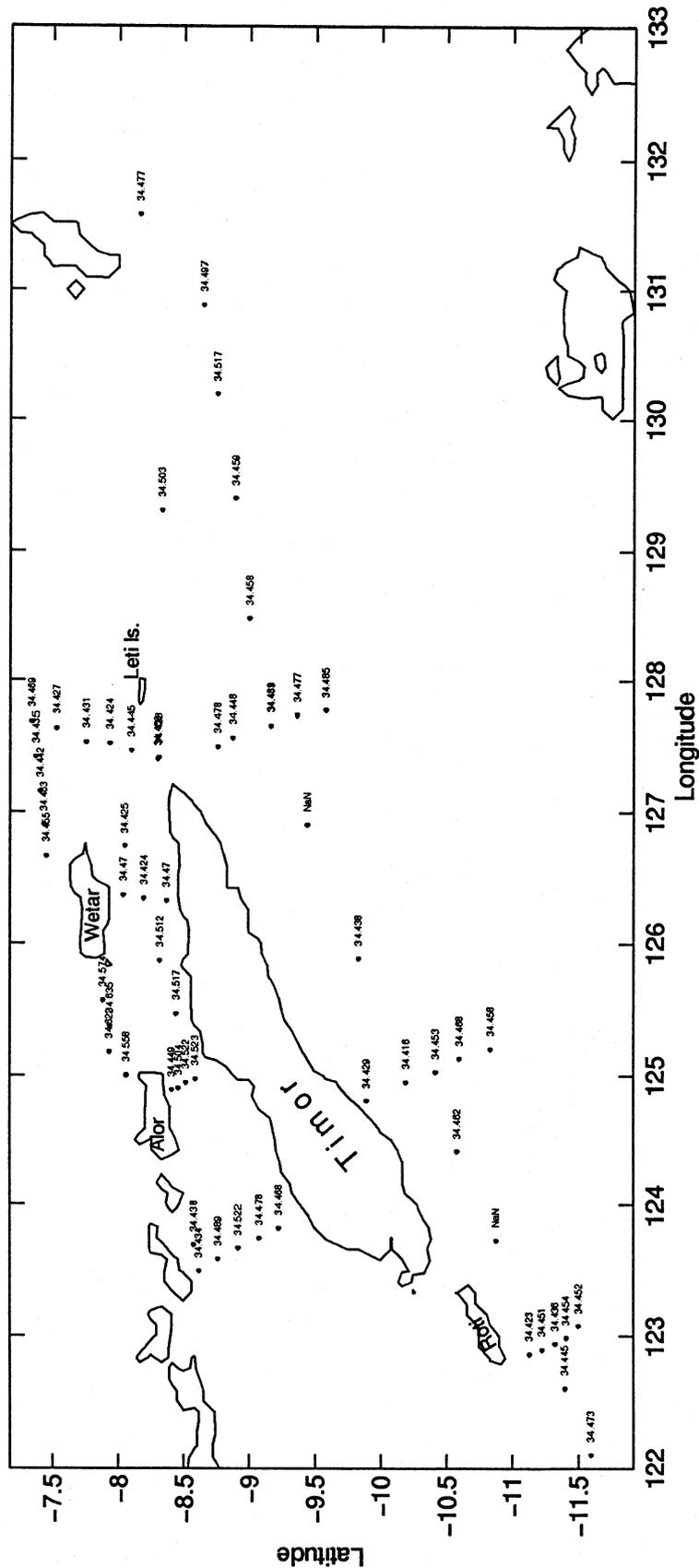


# Horizontal Distribution of salinity on sig. theta = 22

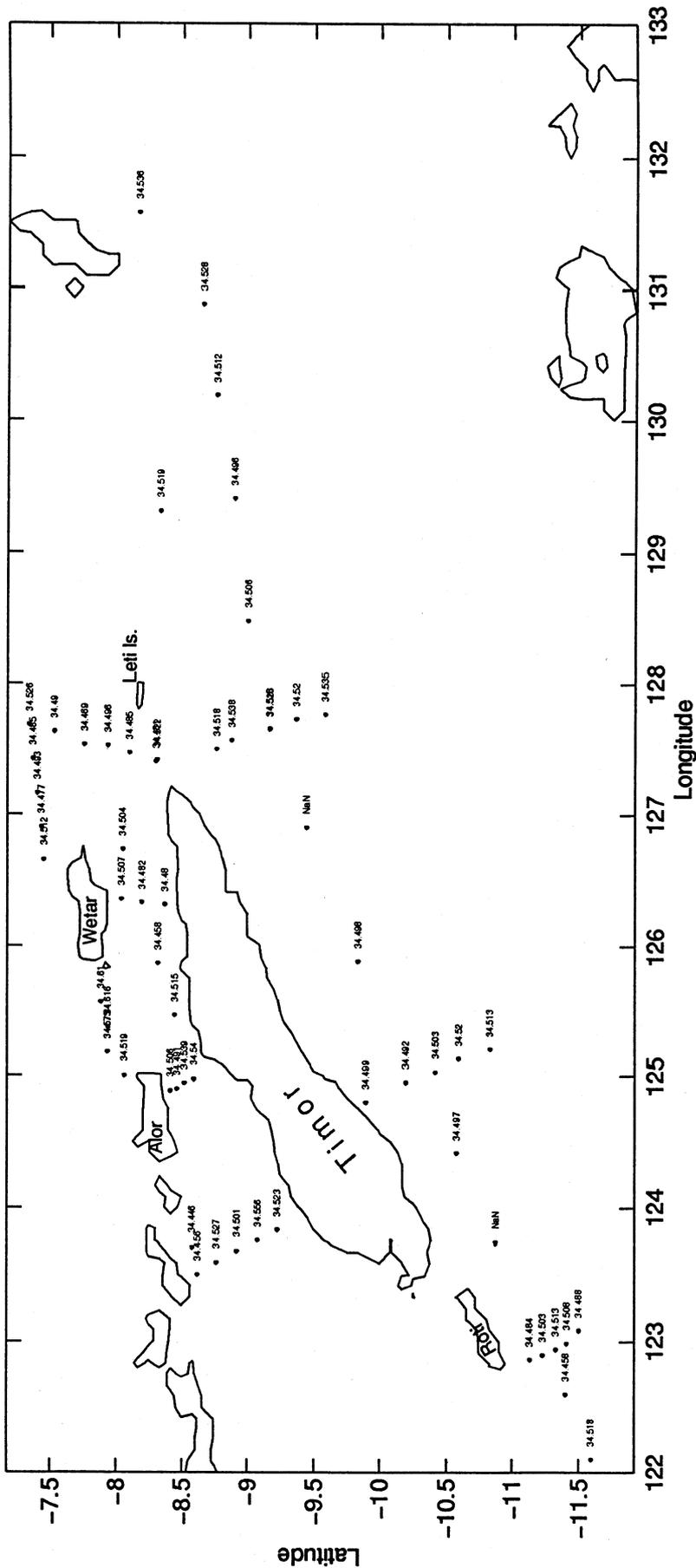




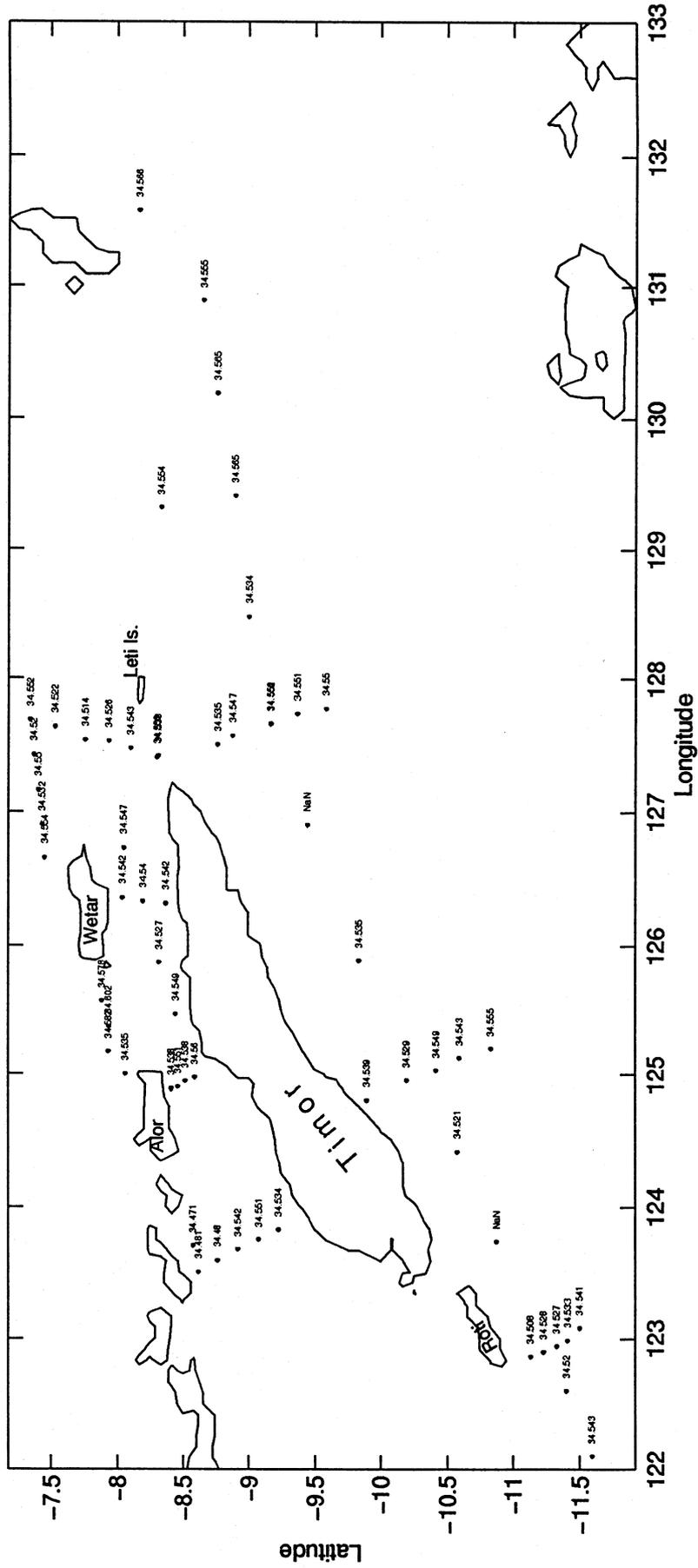
Horizontal Distribution of salinity on sig. theta = 24



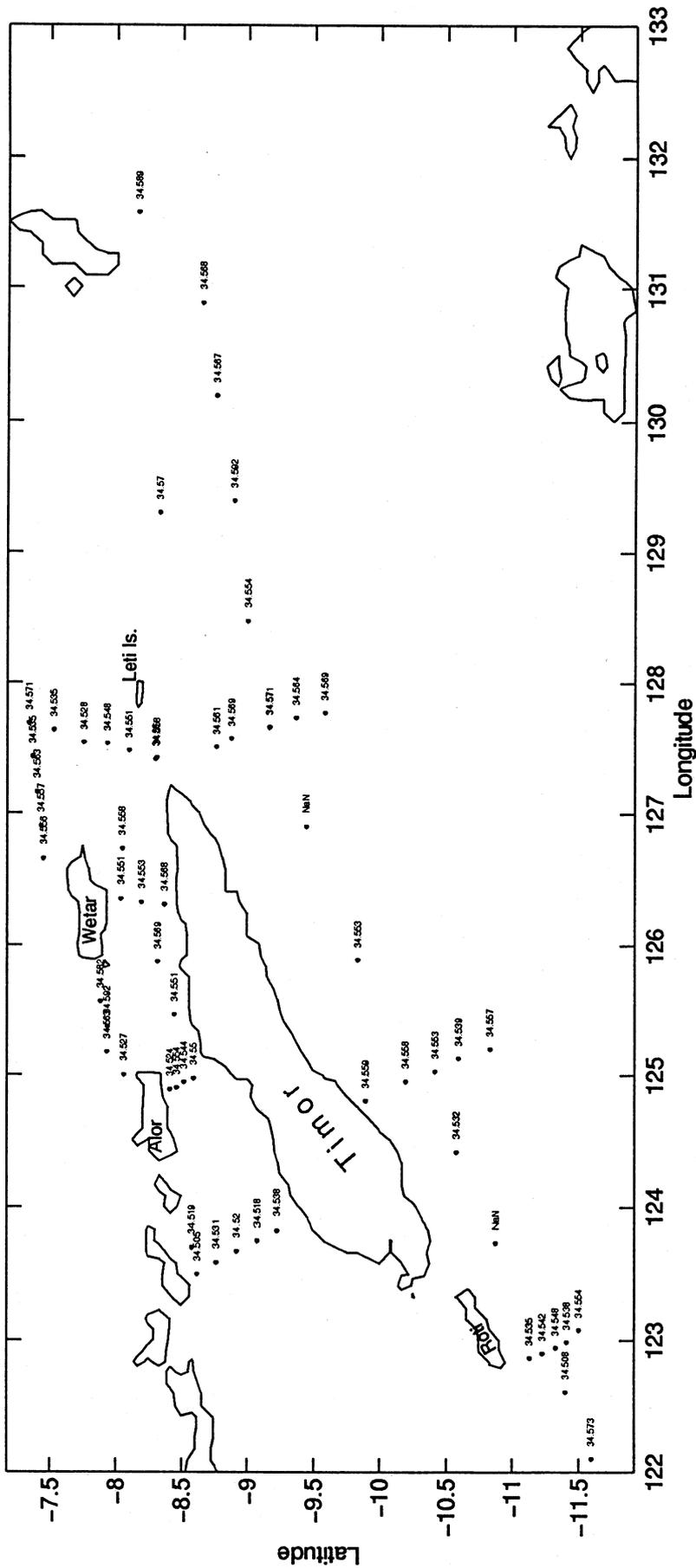
# Horizontal Distribution of salinity on sig. theta = 24.5



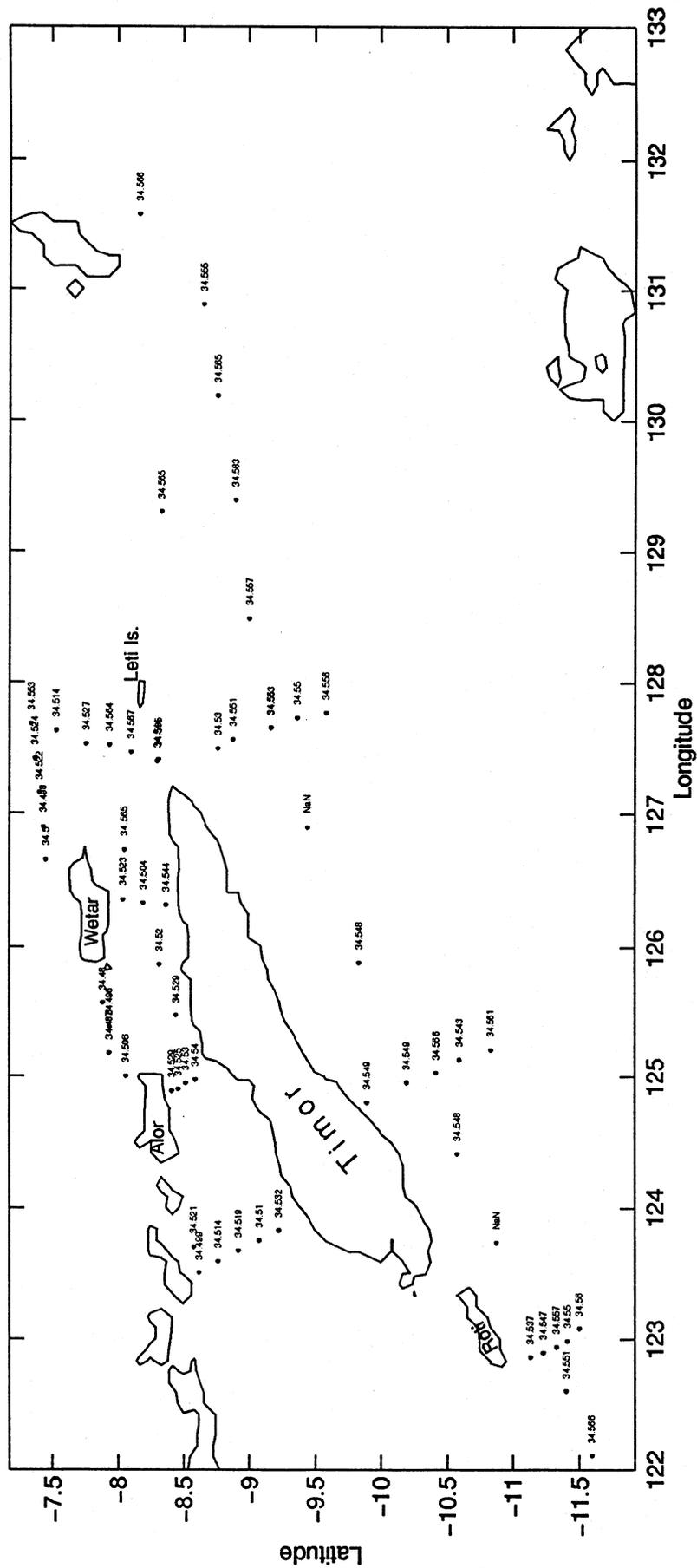
Horizontal Distribution of salinity on sig. theta = 25.0



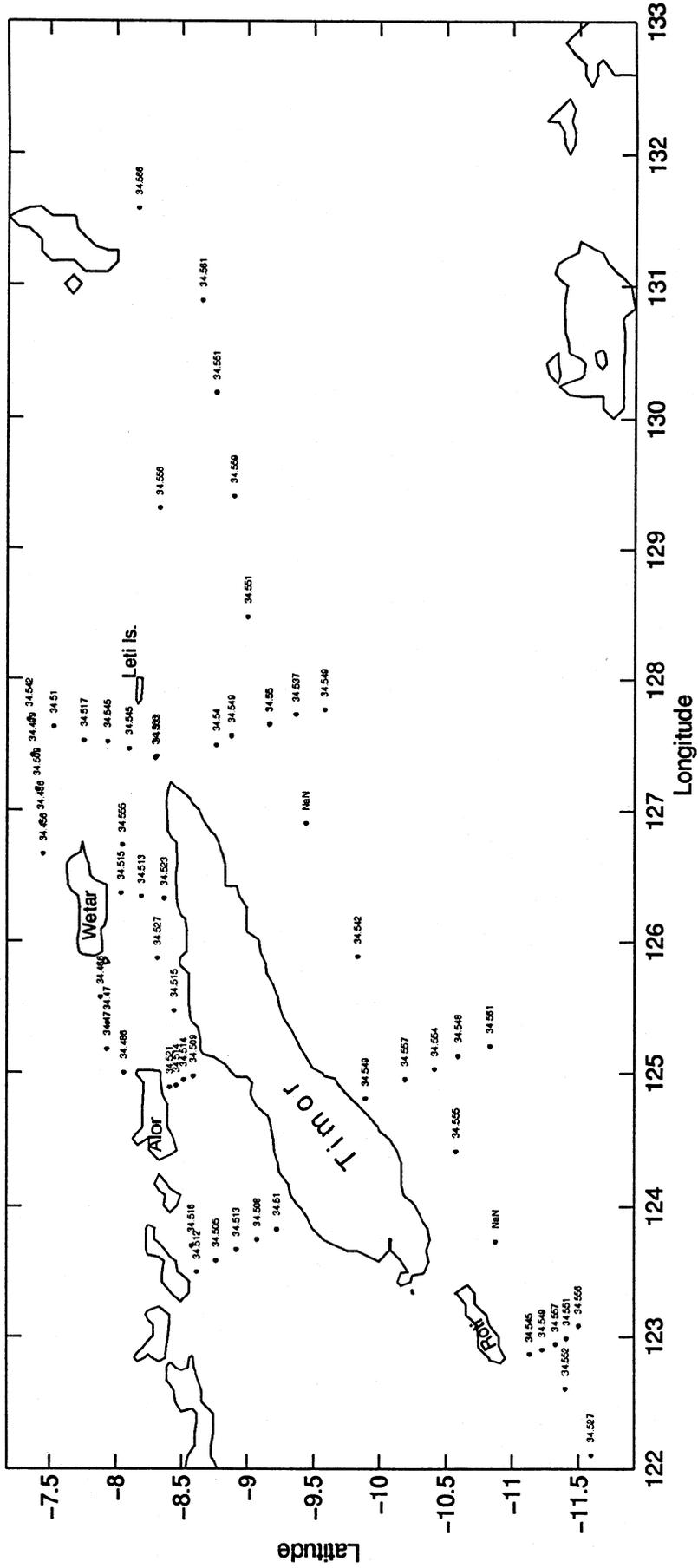
# Horizontal Distribution of salinity on sig. theta = 25.5



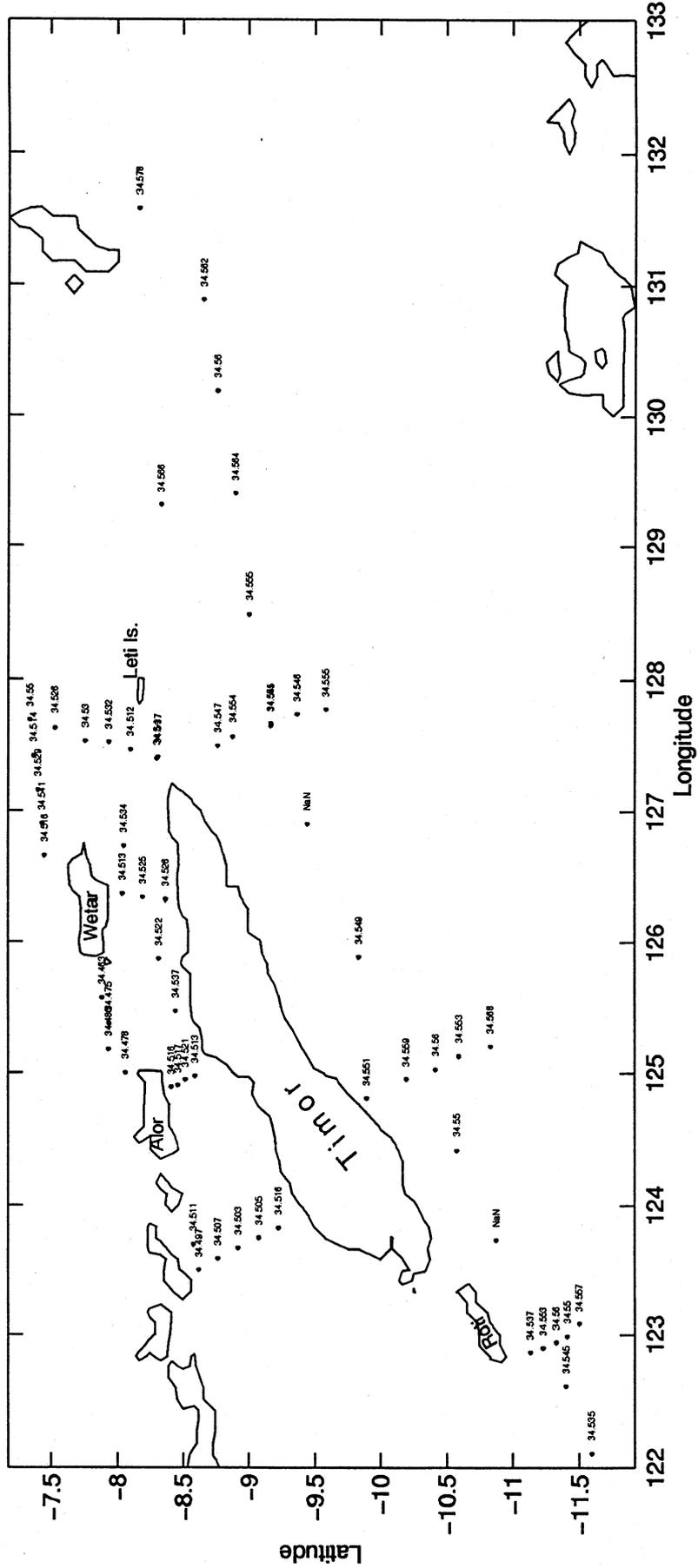
Horizontal Distribution of salinity on sig. theta = 26.0



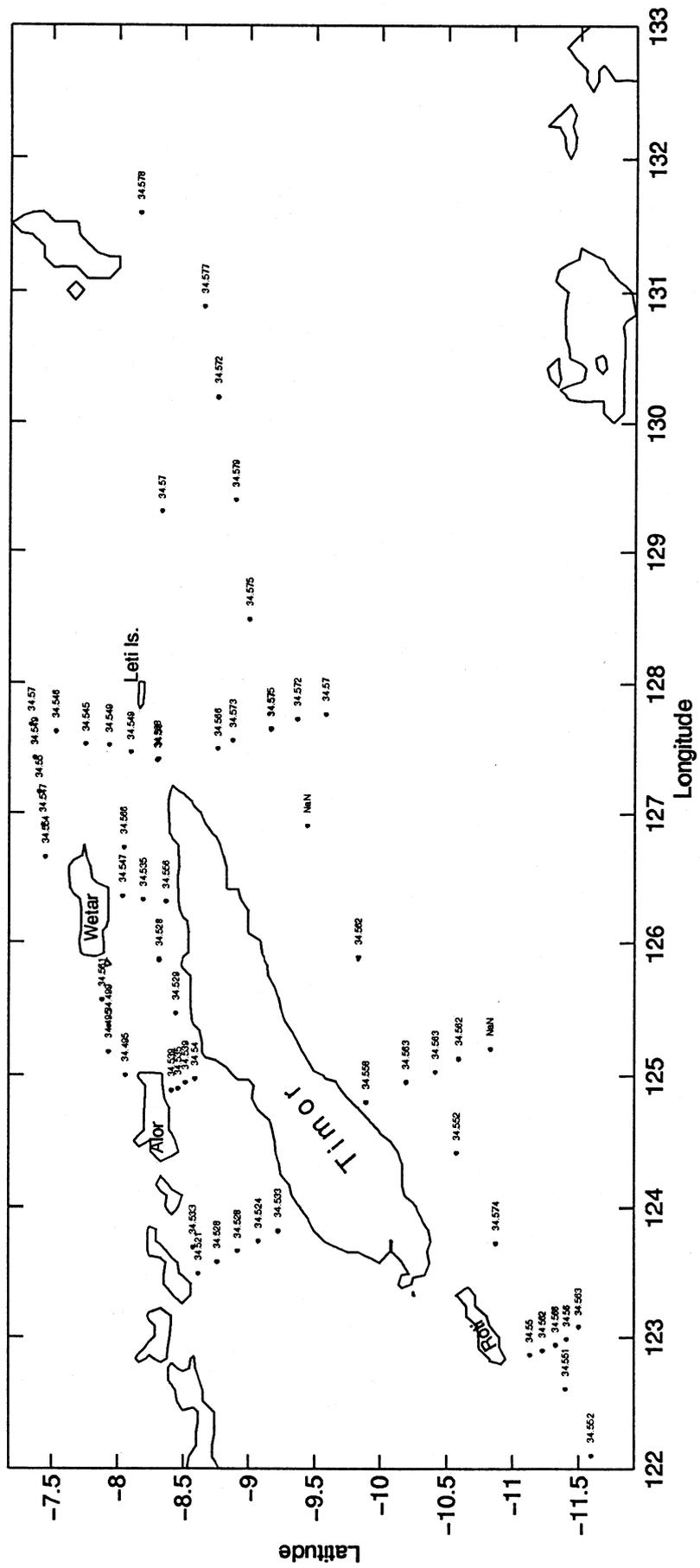
# Horizontal Distribution of salinity on sig. theta = 26.4



Horizontal Distribution of salinity on sig. theta = 26.5

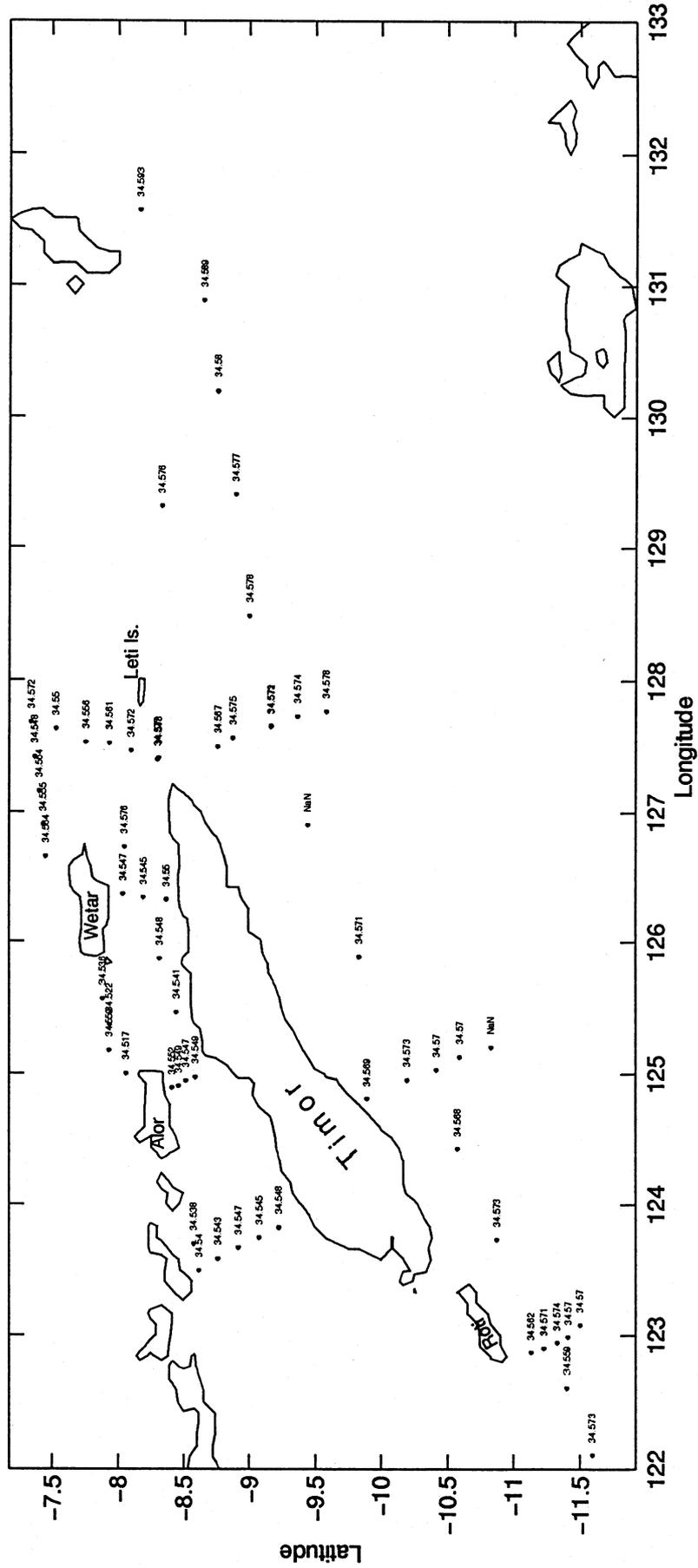


Horizontal Distribution of salinity on sig. theta = 26.85

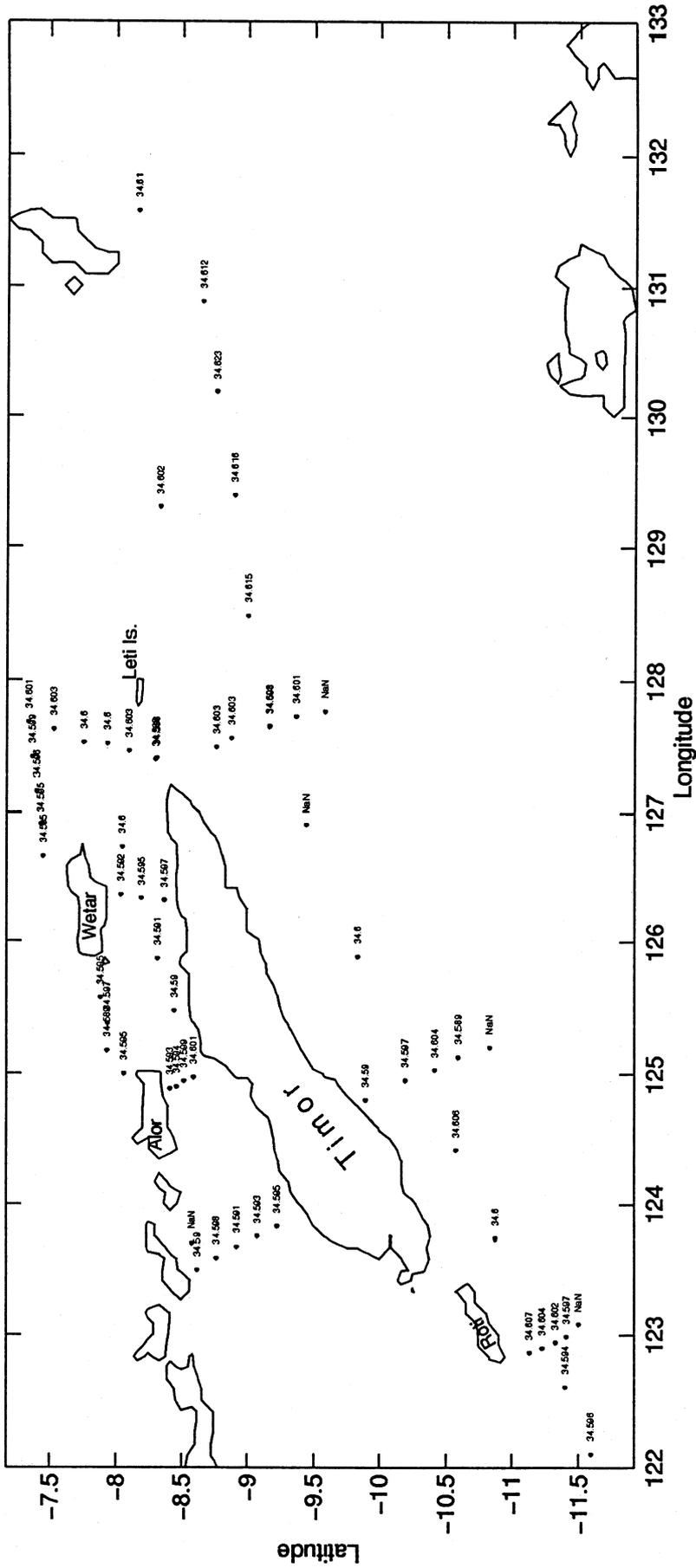




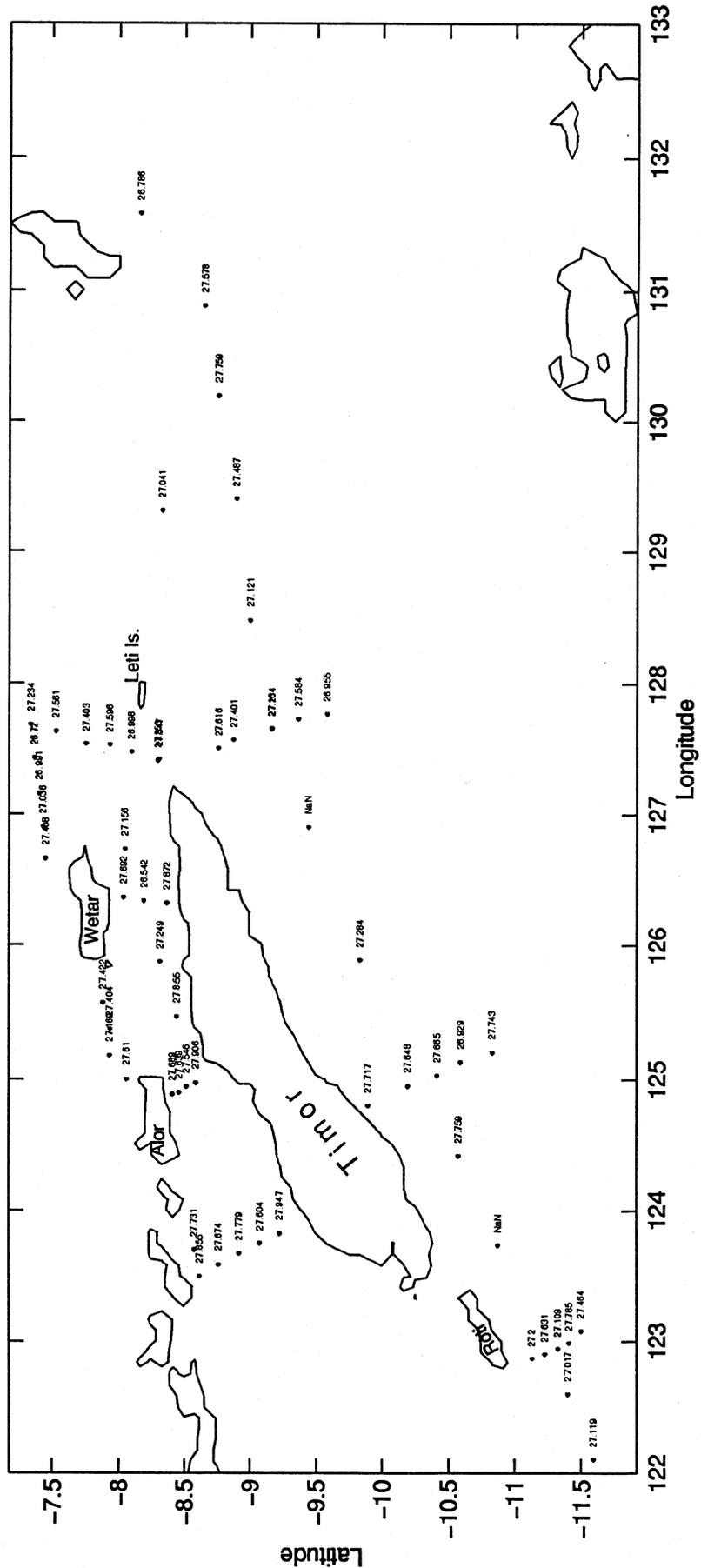
Horizontal Distribution of salinity on sig. theta = 27.0



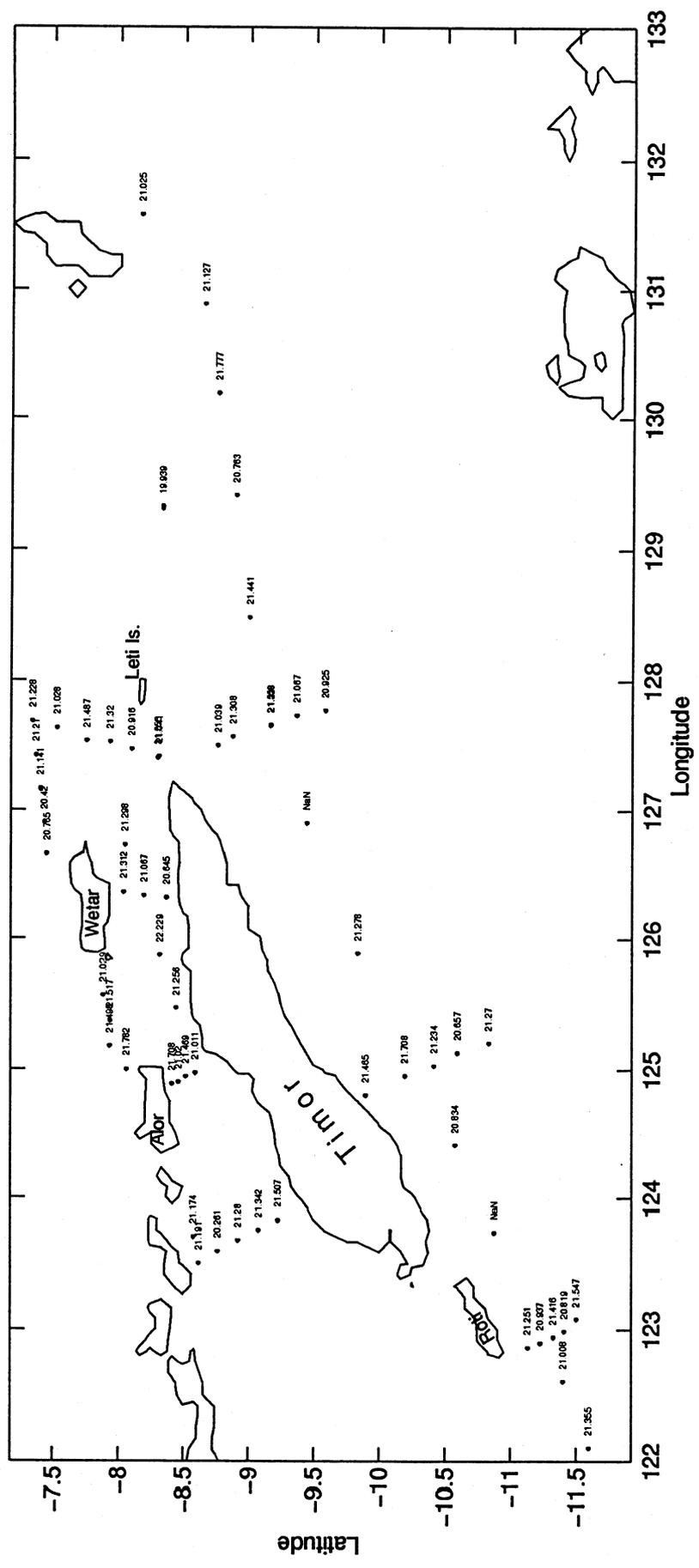
Horizontal Distribution of salinity on sig. theta = 27.4



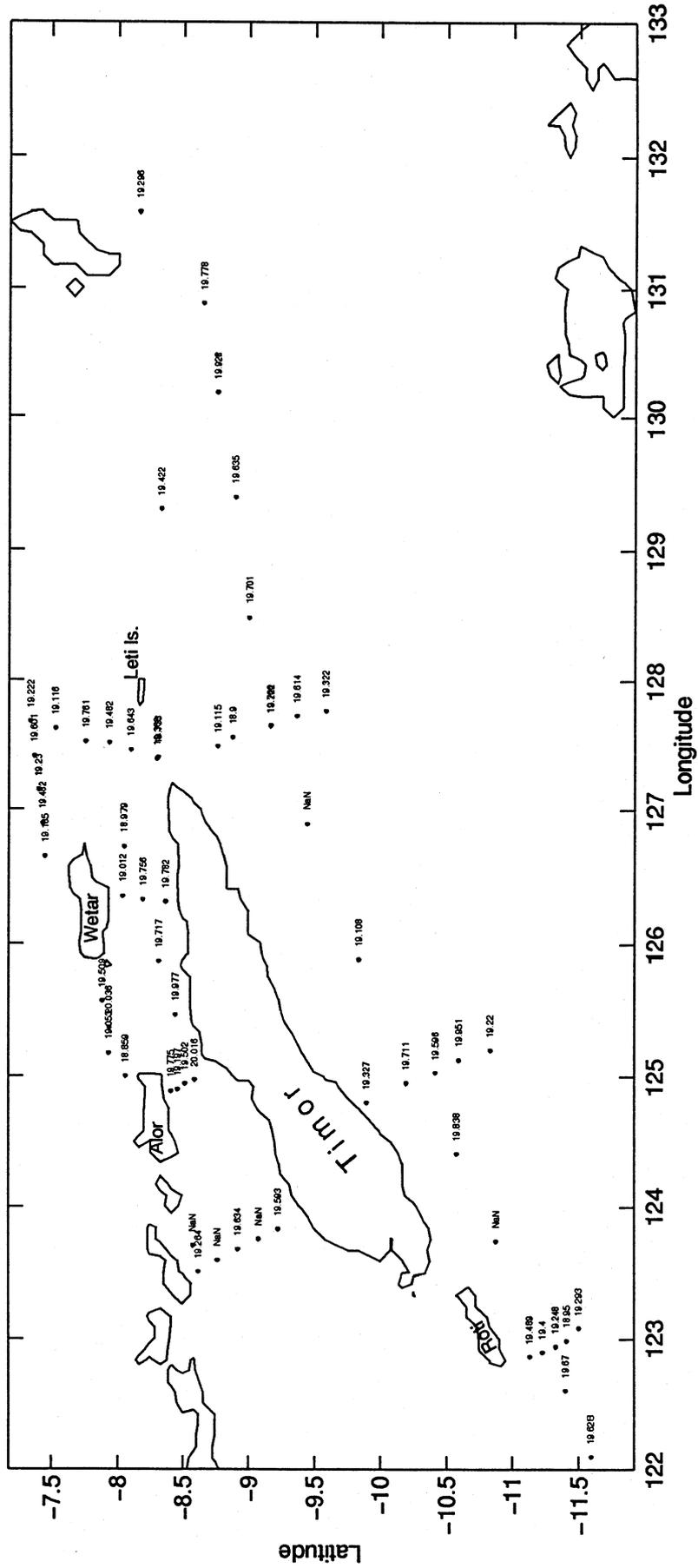
Horizontal Distribution of theta on sig. theta = 22



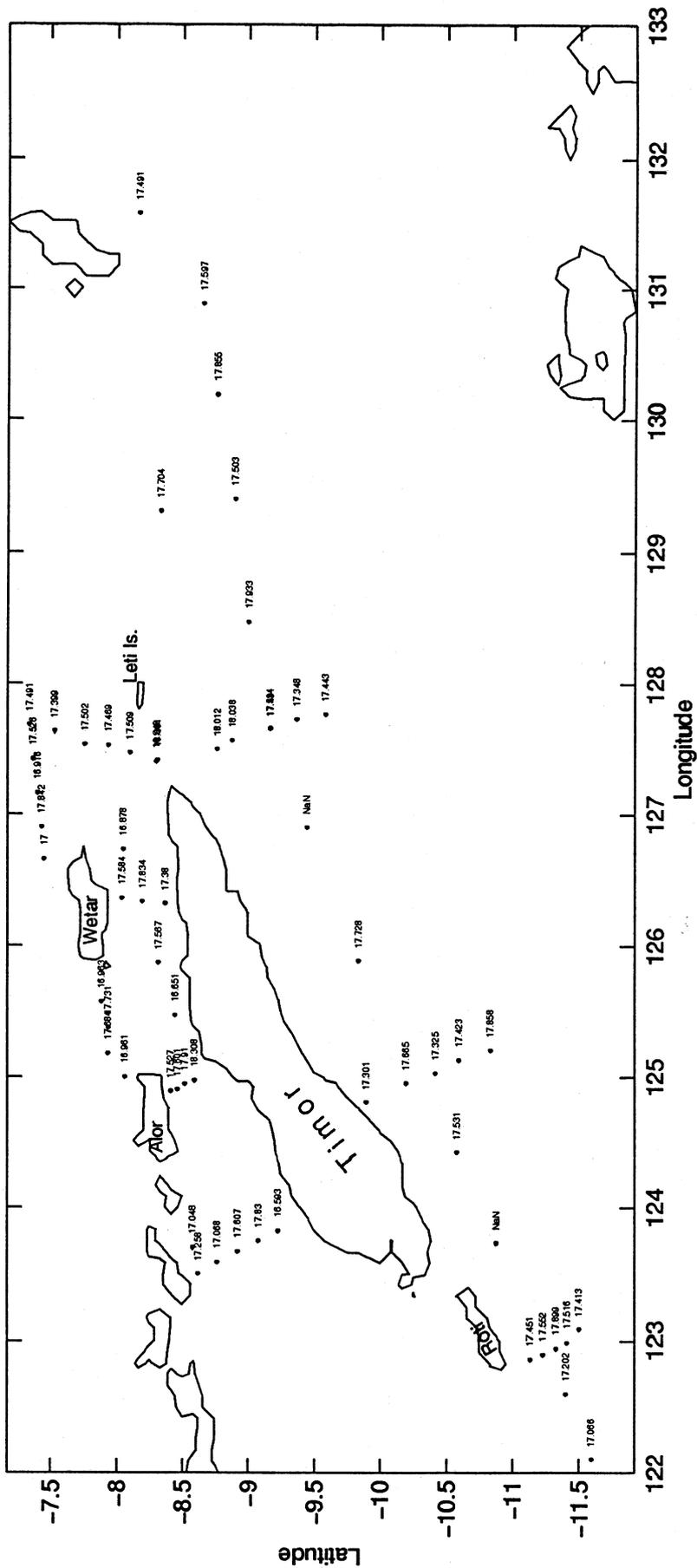
Horizontal Distribution of theta on sig. theta = 24



Horizontal Distribution of theta on sig. theta = 24.5

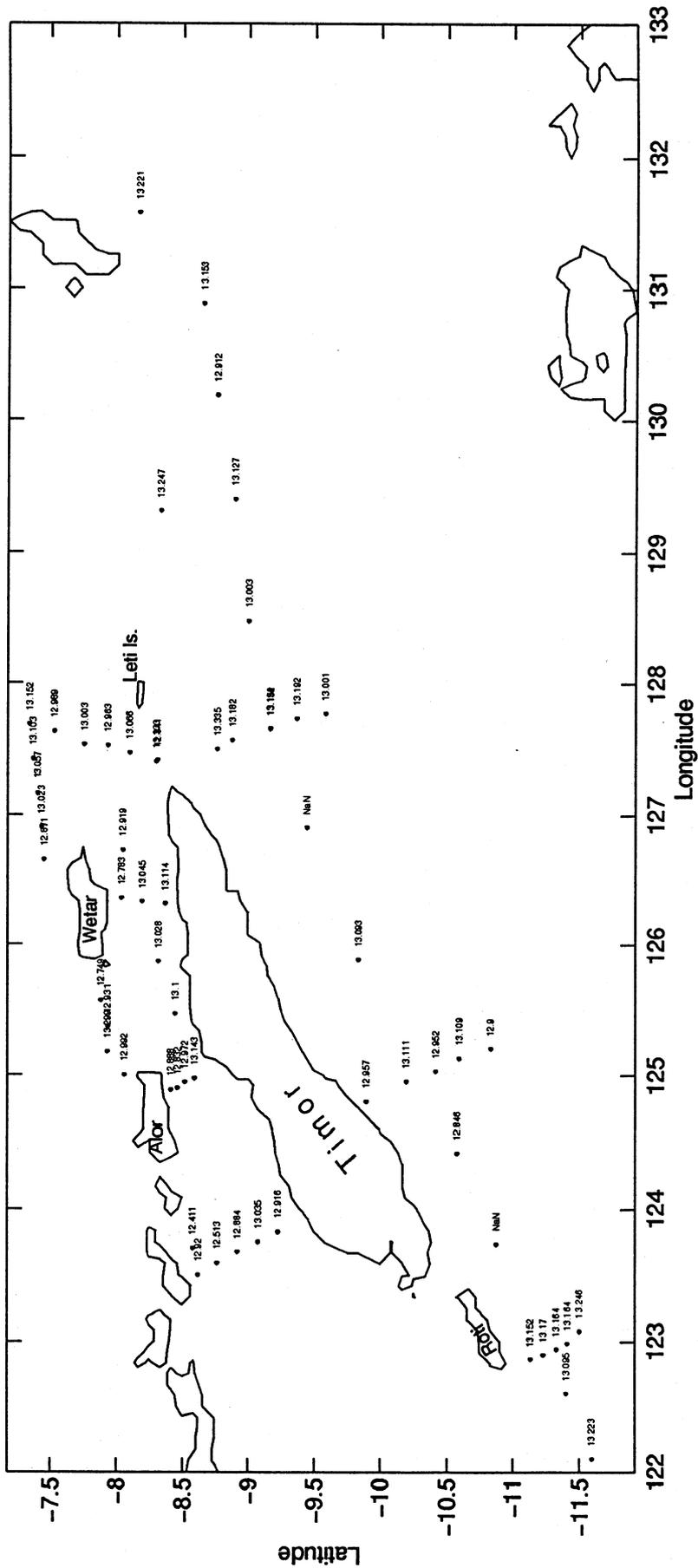


# Horizontal Distribution of theta on sig. theta = 25



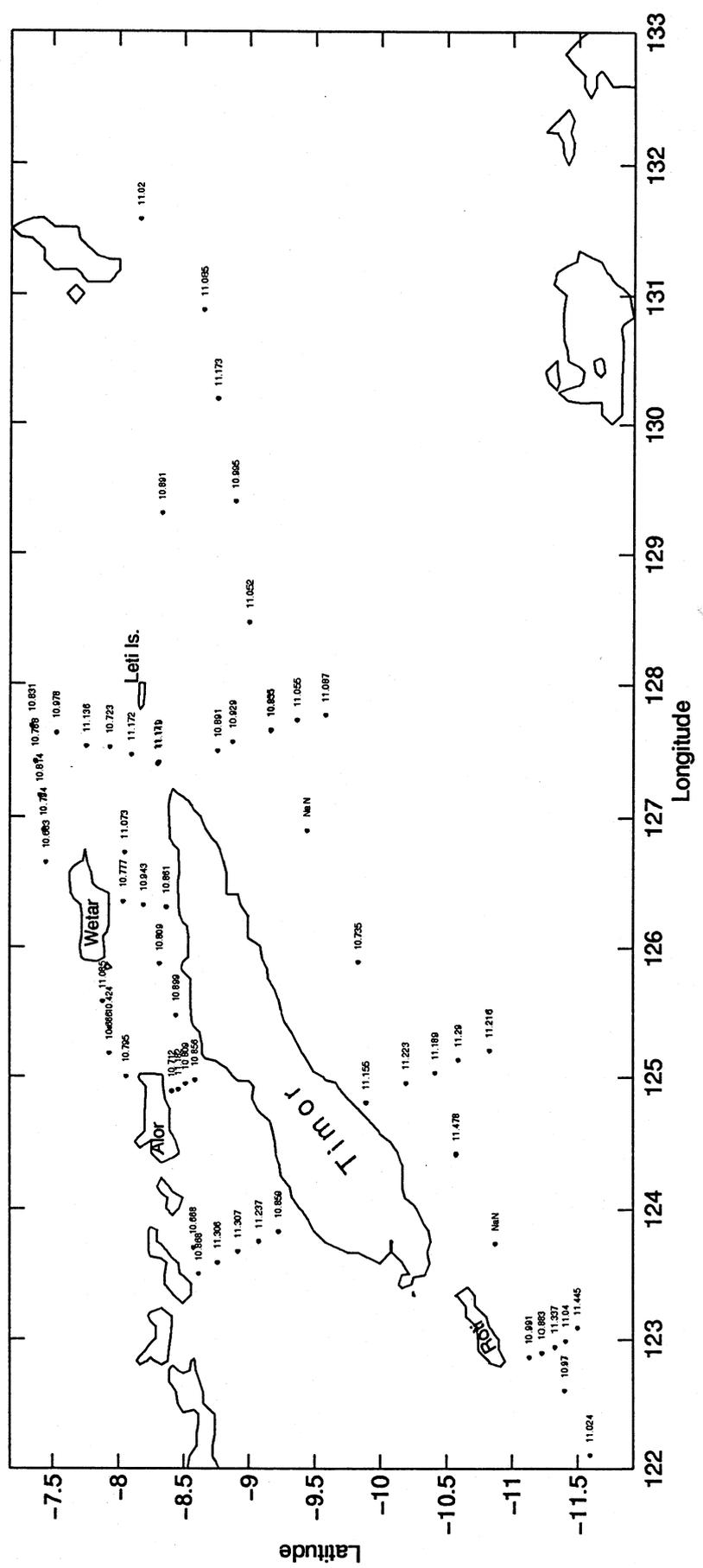


Horizontal Distribution of theta on sig. theta = 26





Horizontal Distribution of theta on sig. theta = 26.4







Horizontal Distribution of theta on sig. theta = 27

