DATE: 11 August 1984) SAMPLE:
CRUISE ID: SO 33 28 MS (CTD, O_2)
LOC: IV
AREA: C

	time (GMT)	LAT (N)	LON (W)	water depth (m)	wire
ON BOTTOM =	0126	6°10.4246	162°51.8692	3778	
OFF BOTTOM =	0300	6°10.2947	162°51.8161	3735	~37

RECOVERY WEIGHT =

CRUST THICKNESS =

SUBSTRATE =

COMMENTS: O_2 minimum at 180 dbars

28 MS

Multisonde

RV Sonne So 33 Midpac II 29.7 - 29.8.1984

Datum : 11.8.84 01:26 Areal : C Lokation : IV Station : 28M

Probennummer :

Längengrad, nk : 6° 10.32 N k : 6° 09.871

Breitengrad, nk : 162° 51.73 W k : 162° 51,397

Wassertiefe (m) : 3751 Bereich :

03⁰⁰ Ausfall Druck bei 3500 dbar = 3460 m Seil

weiterfieren: ohne Druckanzeige

03³⁰ Bodenkontakt 3709 m Seil

Probe (dbars)	Press. Temp. (°C)	O2 ~~Druck~~ (~~bar~~) (uA)	Soundvel. ~~Leitfähigk.~~ (us/cm)	~~O2~~ (uA)	Bemerkung
10.0	28.42	71.36			
20.0	28.27	70.60			
40.0	28.24	70.90			
60.0	28.23	70.92			
80.0	27.71	69.82			
100.0	27.09	67.70	1434.0		
120.0	20.84	51.56			
140.0	16.07	36.70			
160.0	12.29	25.30			
180.0	11.00	24.74		← O2 minimum	
208.0	10.49	~~34.86~~ +			
220.	10.15	30.48	1493.4		
250.	9.69	32.66			
300	9.38	33.00			
350	9.00	33.00			
400	8.71	32.92			
~~450~~			failure		
500	8.00	32.68	on again		

03:00 / N 6° 10.295 W 162 51.816

28/M1

28MS **ANLAGEPROTOKOLL** Seite:..... von:..... 64

Zu: R/V Sonne MIDPAC II AREA C LOK. IV

So 33 Fahrt: Depth 3763 m Station: 28MS Position: 6° 10. 355 N 162° 51. 782 W

Bearbeiter: START TIME = 01:26 Datum: 11. 8. 84

Press (dbar)	Temp° C	O_2
550	7.62	31.48
600	7.24	31,86
650	6.65	32.08
700	6.22	32.60
→ 750	5.91	32.98
800	5.62	33.34
850	5.22	33.84
900	5.01	34.10
950	4.80	34.36
1000	4.59	36.18
1050	4.44	35.34
1100	4.29	34.52
1150	4.08	34.28
1200	3.88	34.04
1250	3.68	33.78
1300	3.49	33.48
1350	3.37	33.64
1400	3.23	33.30
1450	3.11	32.90
1500	2.00	33.00

ANLAGEPROTOKOLL Seite: 28MS von: .....

Zu: R/V Sonne MIDPAC II APFA C LOK IV

So 33 Fahrt: _____ Station: 28 MS Position: _____

Bearbeiter: Friesen Datum: 11.9.84

PRES.	TEMP	O2
1550	2.84	32.70
1600	2.774	32.80
1650	2.152	32.40
1700	2.546	32.54
1750	2.468	32.64
1800	2.414	32.16
1850	2.344	32.24
1900	2.274	32.36
1950	2.208	32.06
2000	2.172	31.92
2050	2.132	31.96
2100	2.074	31.48
2150	2.058	31.50
2200	2.024	31.54
2250	1.988	31.58
2300	1.946	31.64
2350	1.924	29.96
2400	1.894	30.00
2450	1.851	30.04
2500	1.830	30.16
2550	1.794	30.70
2600	1.768	30.72

ANLAGEPROTOKOLL

Seite: ..... von: .....

Zu: 28 MS 28 MS

So 33 Fahrt: _____ Station: _____ Position: _____

Bearbeiter: Friesen Datum: ___.___.___

PMS	Temp	O_2	
2650	1.754	30.74	
2700	1.736	30.76	
2750	1.720	30.78	
2800	1.700	30.80	
2850	1.654	30.86	
2900	1.650	31.44	
2950	1.616	31.50	
3000	1.592	31.52	
3050	1.562	32.12	
3100	1.540	32.16	
3150	1.534	32.16	
3200	1.520	32.18	
3250	1.512	32.78	
3300	1.486	32.80	
3350	1.456	32.84	
3400	1.434	33.36	
3450	1.418	33.48	
3500	1.404 (1.38)	34.06 (35.24)	3460 m Seillänge
3550	~~1.3~~	~~34~~	Ausfall Drucksa
3600 m	1.338	36.48	3527.8 seems to be pressure
3700 m	1.316	36.50	upper limit for multisonde.
3709 m	1.316	37.08	

transkaro Bestellnummer 6040 3 8