DATE: 1 August 1984 SAMPLE:
CRUISE ID: SO 33 5MS
LOC: I
AREA: A

Multisonde
(CTD, O_2)

	time (GMT)	LAT (N)	LON (W)	water depth (m)	wire o
ON BOTTOM =	1030	18°35.055	158°21.096	3541	
OFF BOTTOM =					

RECOVERY WEIGHT =

CRUST THICKNESS =

SUBSTRATE =

COMMENTS: O_2 minimum at 650 dbars
multisonde worked until there was some trouble with the cable.
* Qualitatively reliable – the value of the O_2 is uncertain, but Temp., Pressure, Depth of O_2 minimum are reliable.

5MS

[redacted] 5MS [redacted] FU 1200

...

Multisonde

RV Sonne So 33 Midpac [redacted] 29.7 - 29.8.1984

Datum : 214 (1.8.) Areal : A Lokation : AI Station :

Probennummer : 5?

Längengrad, nk : 158 21,483 k : 158°21,738

Breitengrad, nk : 18 35.718 k : 18°35,196

Wassertiefe (m) : 3425 m Bereich : 3504

= Water Depth (m) Decibar

Salinity ~~Probe~~	Temp. (°C)	Pressure Druck ~~(bar)~~	Conductivity Leitfähigk. (µs/cm)	O_2 (µA)	Sound Velocity ~~Remarks Bemerkung~~
1st 2 measurements @ 10m depth	—	10.0	54.0	65.0	1537
34.944	26.22	10.6	—	—	1532
34.968	25.584	50.0	53.814	68.1	1536
35.236	24.422	100.0	52.928	67.96	1534
35.282	22.530	150.0	50.306	63.06	1530.4
35.067	19.358	200.0	47.236	55.00	1519.0
34.688	15.202	250.0	42.784	51.30	1510.2
34.434	12.876	300.0	40.250	48.00	1501.8
34.242	10.522	350.0	37.944	36.10	1495.2
34.252	8.898	400.0	36.497	28.84	1491.2
34.308	7.742	450.0	35.512	16.36	1487.6
34.292	6.692	500.0	34.566	12.00	1484.6
34.350	6.366	550.0	34.352	8.12	1484.2
34.410	6.080	600.0	34.120	6.26	1484.2
** 34.486	5.850	650.0	34.028	* 5.84	1484.0
34.484	5.670	700.0	33.914	6.36	1484.2
34.502	5.450	750.0	33.766	6.90	1484.2
34.534	5.178	800.0	33.552	7.48	1483.8
34.450	4.904	850.0	33.348	8.06	1483.6
34.546	4.764	900.0	33.240	8.60	1483.8
34.572	4.590	950.0	33.130	8.66	1484.0
34.588	4.406	1000.0	32.994	9.24	1484.0

5MS

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

Zu: _____

So 33 Fahrt: _____ Station: 5MS Position: _____

Bearbeiter: _____ Datum: 1.2.84

Salinity	Temp (°C)	Pressure Druck (dbar)	Conductivity Leitfähigk	O_2 µA	Sound Velocity
34.580	4.240	1050	32.866	9.82	1484.2
34.590	4.050	1100	32.730	10.40	1484.2
34.598	3.816	1150	32.548	74.98?	1484.2
34.612	3.646	1200	32.432	11.62	1484.2
34.614	3.514	1250	32.324	13.28	1484.4
34.612	3.346	1300	32.234	18.70	1484.6
34.624	3.212	1350	32.120	192.02	1484.8
34.614	3.084	1400	32.028	275.98	1485.2
34.606	3.006	1450	31.948	276.72	1485.8
34.640	2.862	1500	31.894	278.40	1486.0
34.644	2.802	1550	31.820	279.12	1486.6
34.630	2.716	1600	31.798	279.96	1487.0
34.640	2.628	1650	31.736	280.98	1487.6
34.650	2.556	1700	31.714	281.76	1488.0
34.660	2.464	1750	31.654	282.90	1488.4
34.666	2.384	1800	31.614	283.76	1489.0
34.672	2.328	1850	31.590	284.28	1489.6
34.664	2.270	1900	31.566	284.96	1490.2
34.676	2.214	1950	31.538	285.66	1490.8
34.686	2.130	2000	31.490	286.64	1491.2

5MS

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

Zu:

So 33 Fahrt: Station: 5MS Position:

Bearbeiter: Datum: 1.8.84

Salinity	Temp (°C)	Druck (abat)	Conductivity mS/cm	O_2 M/A	Sound Velocity
34.684	2.052	2050	31.448	287.46	1492.0
34.694	2.008	2100	31.432	288.08	1492.4
34.698	1.936	2150	31.394	288.78	1493.2
34.704	1.920	2200	31.400	288.98	1493.6
34.700	1.898	2250	31.364	289.84	1494.2
34.698	1.816	2300	31.356	290.26	1495.0
34.708	1.784	2350	31.350	290.68	1495.6
34.708	1.746	2400	31.336	291.02	1496.4
34.708	1.728	2450	31.340	291.24	1497.2
34.714	1.722	2500	31.358	291.36	1498.0
34.714	1.698	2550	31.362	291.64	1498.6
34.722	1.648	2600	31.338	292.10	1499.4
34.718	1.632	2650	31.340	292.28	1500.0
34.724	1.612	2700	31.352	292.66	1500.8
34.718	1.598	2750	31.354	292.76	1501.6
34.722	1.576	2800	31.352	293.00	1502.4
34.724	1.564	2850	31.360	293.16	1503.2
34.718	1.554	2900	31.366	293.30	1504.0
34.732	1.510	2950	31.360	293.80	1504.6
34.718	1.484	3000	31.358	294.12	1505.4
					5MS

2450m (winch)

- franskarn -

ANLAGEPROTOKOLL

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

Zu: _____

So 33 Fahrt: _____ Station: 5MS Position: _____

Bearbeiter: _____ Datum: 1:08:84

Salinity	Temp (°C)	Press (dbar)	C mS/cm	O_2 µA	Sound Velocity
34.718	1.472	3050	31.360	294.28	1506.2
34.726	1.456	3100	31.366	294.46	1507.0
34.736	1.451	3150	31.378	294.54	1507.8
34.736	1.440	3200	31.394	294.62	1508.6
34.730	1.428	3250	31.406	294.80	1509.4
34.734	1.436	3300	31.424	294.70	1510.4
34.720	1.420	3350	31.434	294.98	1511.2
34.736	1.408	3400	31.448	294.98	1512.0
34.734	1.418	3432	31.456	295.02	1512.6

5MS