

# TUMSAT-OACIS Repository - Tokyo

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(東京海洋大学)

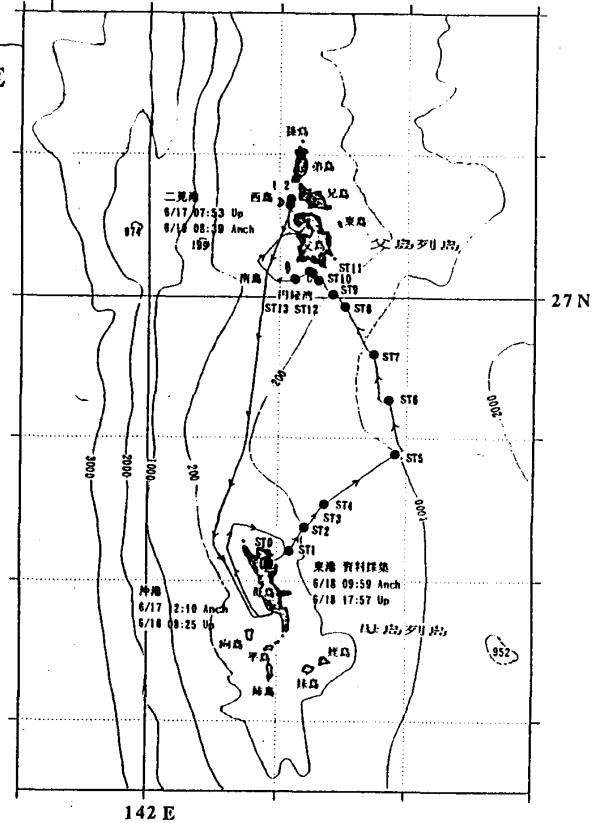
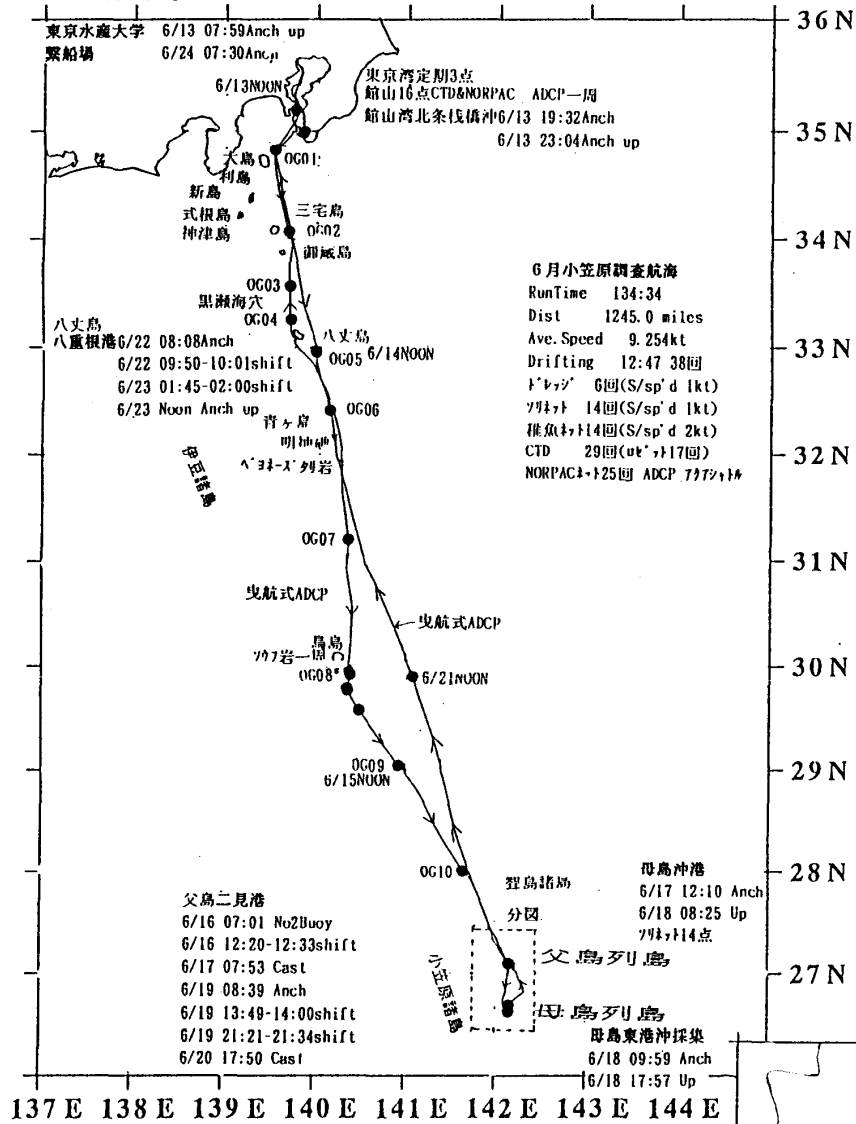
第三部 青鷹丸航海調査報告 平成7年度航海報告 期間  
平成7年6月 海域 小笠原諸島

メタデータ	言語: jpn 出版者: 公開日: 2008-04-10 キーワード (Ja): キーワード (En): 作成者: メールアドレス: 所属:
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## 2. 調査資料

### Oceanographic Observation Data

## 2.1. 観測海域図 Observation Leg Chart



## 2.2. CTD観測表 CTD Data List

(6月小笠原調査航海 海域:伊豆諸島から小笠原諸島)

St. No.	Time(SMT)	GMT	Lat.	Long. °	A. Temp	S. Temp	Depth	Wind Dir	Wind S'd	Remarks	
SE950620	6/14 12:07	6/14 03:07	32°57.31'N	139°59.72'E	22.7 °C	19.5 °C	498-495m	211	6.8 m/s	ST5 450m 0t'γt10	38
SE950621	6/14 15:47	6/14 06:47	32°25.03'N	140°09.53'E	24.7	24.1	1481-157	224	7.7	ST6 1000m 0t'γt10	58
SE950622	6/14 23:49	6/14 14:49	31°11.95'N	140°21.61'E	24.3	24.7	2038	229	4.7	ST7 1000m 0t'γt10	41
SE950623	6/15 07:46	6/15 22:46	29°57.70'N	140°22.60'E	25.3	23.3	2345	242	4.3	ST8 1000m 0t'γt10	54
SE950624	6/15 15:49	6/15 06:49	29°02.41'N	140°55.47'E	24.3	24.3	3400 PE	215	7.0	ST9 1000m 0t'γt10	39
SE950625	6/15 23:46	6/15 14:46	28°00.12'N	141°38.29'E	25.5	26.3	4150 PE	226	8.4	ST10 1000m 0t'γt10	54
SE950626	6/23 13:13	6/23 04:13	33°15.15'N	139°43.25'E	22.0	20.8	550-490	072	3.3	ST4 450m 0t'γt 233	
SE950627	6/23 16:13	6/23 07:13	33°33.48'N	139°42.76'E	21.0	21.4	960-947	028	7.6	ST3 900m 0t'γt 305	
SE950628	6/23 20:02	6/23 11:02	34°04.02'N	139°41.59'E	19.9	20.7	833-821	031	7.8	ST2 800m 0t'γt 290	
SE950629	6/24 01:16	6/23 16:16	34°49.81'N	139°31.83'E	18.0	19.7	1719-43	010	7.5	ST1 1000m 0t'γt 285	

(6月小笠原調査航海 海域:父島 母島 小笠原諸島)トレッサ 791ト

St. No.	Time(SMT)	GMT	Lat.	Long.	A. Temp	S. Temp	Depth	Wind Dir	Wind S'd	Remarks	
SE956D01	6/17 08:18	6/16 23:18	27°06.47'N	142°10.79'E	25.3 °C	23.6 °C	62-38 m	198	6.3 m/s	ST11 トレッサDR	29
SE956D02	6/17 08:50	6/16 23:50	27°06.89'N	142°10.89'E	25.6	23.2	53-57	209	5.6	ST12 DR	16
SE956D03	6/18 18:10	6/18 09:10	26°41.18'N	142°09.36'E	24.0	24.6	45-68	251	3.6	STH1 DR SOLI LAB net	1-56
SE956D04	6/18 19:08	6/18 09:08	26°42.00'N	142°10.93'E	23.4	24.4	160	340	2.4	STH2 DR SOLI net	
SE956D05	6/18 20:10	6/18 11:10	26°43.64'N	142°12.10'E	23.5	24.7	192	263	1.0	STH3 SOLI LAB net	34
SE956D06	6/18 20:51	6/18 11:51	26°45.27'N	142°13.59'E	23.7	25.4	275	253	1.4	STH4 SOLI LAB net	43
SE956D07	6/18 22:00	6/18 13:00	26°48.82'N	142°19.11'E	24.1	25.9	1060	238	4.5	STH5 SOLI LAB net	63
SE956D08	6/18 23:26	6/18 14:26	26°52.72'N	142°18.58'E	23.9	25.7	1124	230	5.3	STH6 SOLI LAB net	1-48
SE956D09	6/19 01:39	6/18 16:39	26°56.00'N	142°17.37'E	24.2	25.3	13271192	211	6.0	STH7 SOLI LAB net	1-22
SE956D10	6/19 03:29	6/19 18:29	26°59.34'N	142°15.07'E	24.1	24.3	560-416	214	5.0	STH8 SOLI LAB net	31
SE956D11	6/19 04:17	6/19 19:17	27°00.21'N	142°14.12'E	23.9	24.1	203	217	5.1	STH9 SOLI LAB net	27
SE956D12	6/19 05:00	6/19 20:00	27°01.18'N	142°12.98'E	24.0	23.8	139	222	4.6	STH10 DR SOLI ORInet	20
SE956D13	6/19 06:09	6/19 21:09	27°01.70'N	142°12.52'E	24.6	24.0	99	257	1.4	STH11 DR SOLI ORInet	24
SE956D14	6/19 06:52	6/18 21:52	27°01.80'N	142°12.26'E	25.4 °C	24.3 °C	68 m	276	2.0 m/s	STH12 SOLI LABnet	8
SE956D15	6/19 07:30	6/19 22:30	27°01.87'N	142°11.15'E	26.0	24.0	69	270	4.0	STH13 SOLI LABnet	14





STATION - SE95060G09 DEPTH - 003400 M  
 DATE - 1995/06/15 POSITION LAT. - 29° 02.38 N  
 TIME - 15:48 LONG. - 140° 55.41 E

DATA TYPE = PROCESS

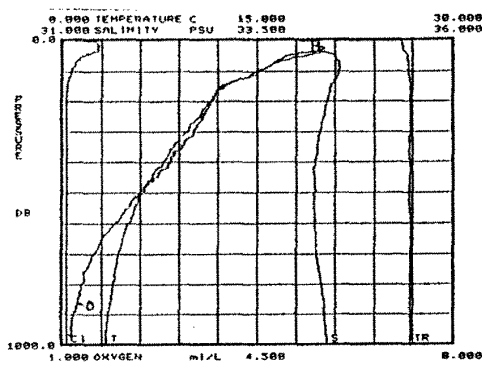
Press. (db)	Temp. (° C)	Sal. (PSU)	sigmaT	S-Vel. (m/s)	Oxy (ml/L)	TRANS (%)	CHLOR. (ug/L)
0.0	24.298	34.848	23.440	1533.0	4.96	11.93	0.15
1.0	24.292	34.878	23.464	1533.1	4.92	13.74	0.14
2.0	24.288	34.886	23.471	1533.1	5.04	85.27	0.04
3.0	24.298	34.885	23.467	1533.1	5.09	89.36	0.02
4.0	24.299	34.880	23.463	1533.1	5.09	89.41	0.02
5.0	24.274	34.885	23.475	1533.1	5.06	89.38	0.02
10.0	24.264	34.884	23.477	1533.2	5.06	89.41	0.02
15.0	23.914	34.881	23.578	1532.4	5.17	89.31	0.02
20.0	23.227	34.877	23.776	1530.7	5.30	89.26	0.02
25.0	22.055	34.917	24.141	1527.9	5.51	89.16	0.02
30.0	21.661	34.949	24.275	1526.9	5.60	89.14	0.02
40.0	21.352	34.946	24.358	1526.3	5.64	89.06	0.02
50.0	20.512	34.926	24.570	1524.2	5.60	88.99	0.03
75.0	19.283	34.913	24.883	1521.1	5.35	88.94	0.06
100.0	18.904	34.911	24.979	1520.4	5.21	89.28	0.06
125.0	18.471	34.900	25.080	1519.6	4.98	89.70	0.04
150.0	18.121	34.886	25.156	1519.0	4.90	90.04	0.02
200.0	17.569	34.851	25.264	1518.1	4.81	90.24	0.01
250.0	17.087	34.808	25.347	1517.4	4.76	90.29	0.01
300.0	16.677	34.768	25.414	1516.9	4.61	90.26	0.01
400.0	14.978	34.614	25.680	1513.0	4.39	90.26	0.01
500.0	12.831	34.446	25.998	1507.4	4.15	90.29	0.01
600.0	10.039	34.266	26.373	1499.0	3.84	90.26	0.01
700.0	7.273	34.126	26.693	1490.0	3.31	90.21	0.01
800.0	5.462	34.078	26.890	1484.4	2.58	90.19	0.01
900.0	4.669	34.141	27.031	1482.9	1.90	90.19	0.01
999.9	4.062	34.246	27.180	1482.1	1.32	90.12	0.01

STATION - SE95060G10 DEPTH - 004150 M  
 DATE - 1995/06/15 POSITION LAT. - 28° 00.12 N  
 TIME - 23:48 LONG. - 141° 38.28 E

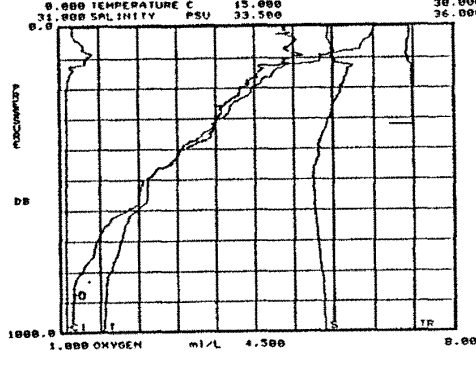
DATA TYPE = PROCESS

Press. (db)	Temp. (° C)	Sal. (PSU)	sigmaT	S-Vel. (m/s)	Oxy (ml/L)	TRANS (%)	CHLOR. (ug/L)
0.0	26.237	34.630	22.683	1537.4	3.36	3.94	0.01
1.0	26.253	34.670	22.707	1537.5	3.36	2.64	0.01
2.0	26.276	34.691	22.716	1537.6	3.84	78.78	0.01
3.0	26.282	34.684	22.709	1537.6	4.70	89.09	0.02
4.0	26.289	34.689	22.711	1537.6	4.77	89.63	0.02
5.0	26.289	34.690	22.711	1537.7	4.72	89.65	0.01
10.0	26.294	34.693	22.712	1537.8	4.79	89.65	0.02
15.0	26.291	34.729	22.740	1537.9	4.84	89.53	0.02
20.0	26.138	34.845	22.876	1537.7	4.83	89.70	0.02
25.0	25.961	34.871	22.950	1537.4	4.93	89.67	0.02
30.0	25.433	34.899	23.135	1536.3	4.98	89.65	0.02
40.0	23.220	35.013	23.882	1531.2	5.45	89.58	0.02
50.0	22.555	35.018	24.076	1529.7	5.28	89.53	0.03
75.0	21.091	34.999	24.470	1526.2	4.95	89.43	0.05
100.0	20.272	34.986	24.680	1524.4	4.95	89.67	0.04
125.0	19.802	34.972	24.794	1523.4	4.79	89.87	0.03
150.0	19.241	34.940	24.915	1522.2	4.79	89.99	0.02
200.0	18.617	34.905	25.047	1521.2	4.73	90.04	0.01
250.0	17.845	34.858	25.203	1519.7	4.77	90.12	0.01
300.0	17.329	34.822	25.300	1518.9	4.74	90.16	0.01
400.0	15.403	34.649	25.613	1514.4	4.45	90.16	0.01
500.0	12.685	34.430	26.014	1506.9	4.28	90.14	0.01
600.0	9.883	34.248	26.385	1498.4	3.87	90.14	0.01
700.0	7.803	34.150	26.636	1492.1	3.31	90.09	0.01
800.0	5.975	34.132	26.870	1486.5	2.54	90.02	0.01
900.0	4.996	34.160	27.010	1484.2	1.93	89.97	0.01
1000.0	4.114	34.271	27.194	1482.4	1.41	89.94	0.01

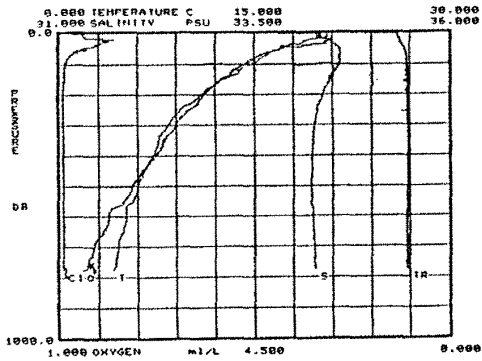
## 2.4. CTD鉛直プロファイル CTD Profiles



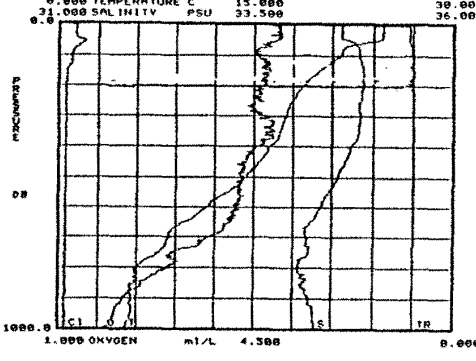
TRANSMISSION %  
 0.00- 100.00  
 CHLOROPHIL ug/L  
 0.00-



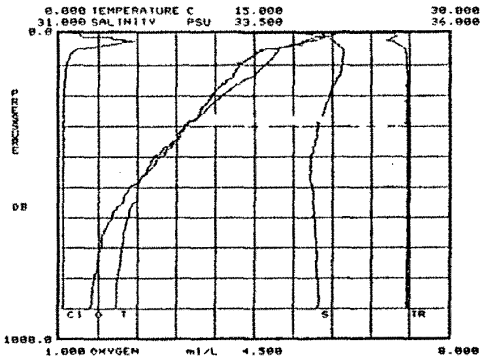
TRANSMISSION %  
 0.00- 100.00  
 CHLOROPHIL ug/L  
 0.00- 1.00



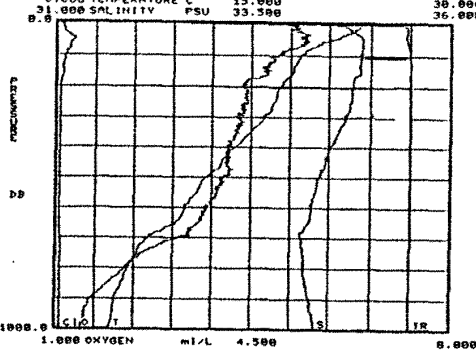
TRANSMISSION %  
 0.00- 100.00  
 CHLOROPHIL ug/L  
 0.00- 1.00



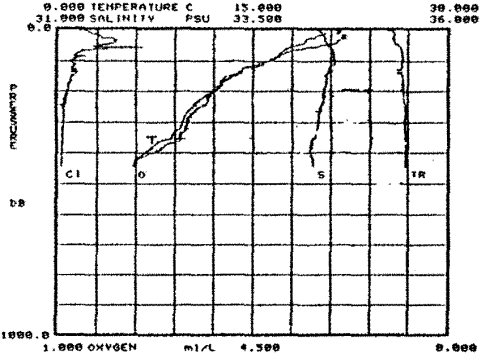
TRANSMISSION %  
 0.00- 100.00  
 CHLOROPHIL ug/L  
 0.00- 1.00



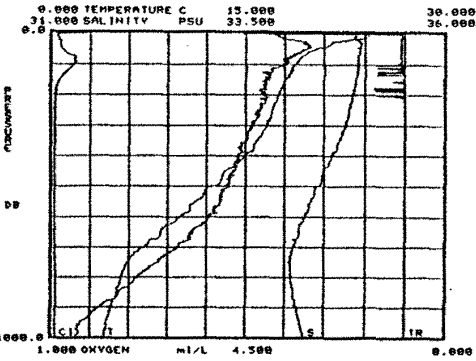
TRANSMISSION %  
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 CHLOROPHIL ug/L  
 0.00- 1.00



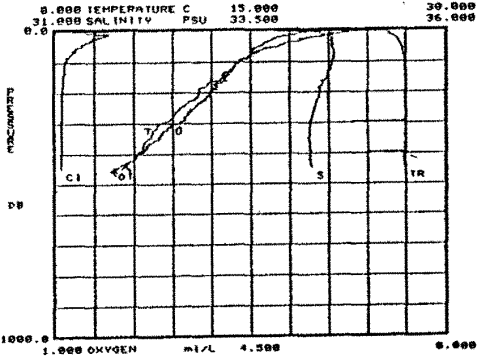
TRANSMISSION %  
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 CHLOROPHIL ug/L  
 0.00- 1.00



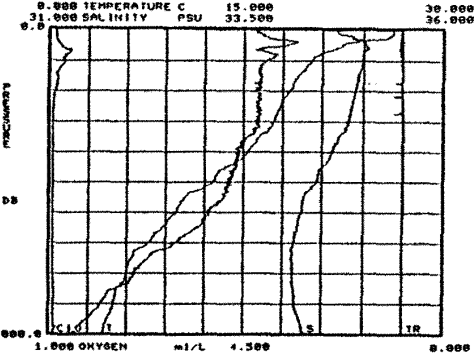
TRANSMISSION %  
 0.00- 100.00  
 CHLOROPHIL ug/L  
 0.00- 1.00



TRANSMISSION %  
 0.00- 100.00  
 CHLOROPHIL ug/L  
 0.00- 1.00



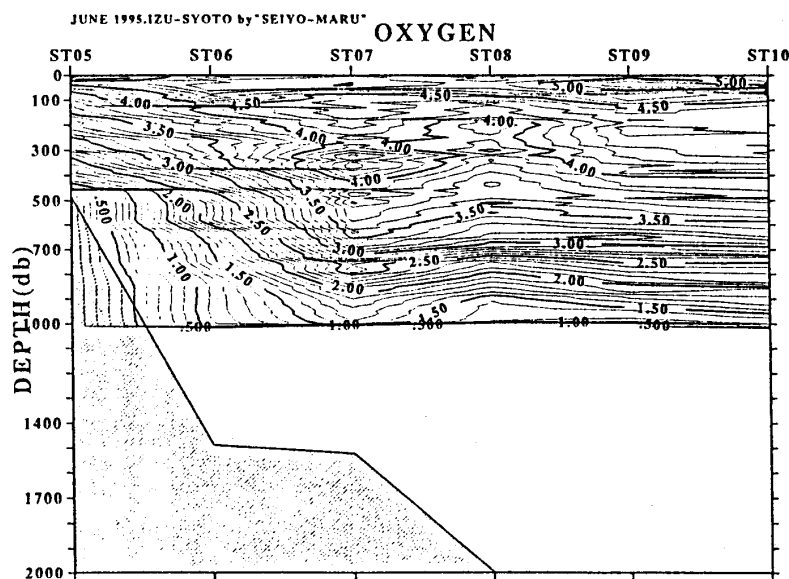
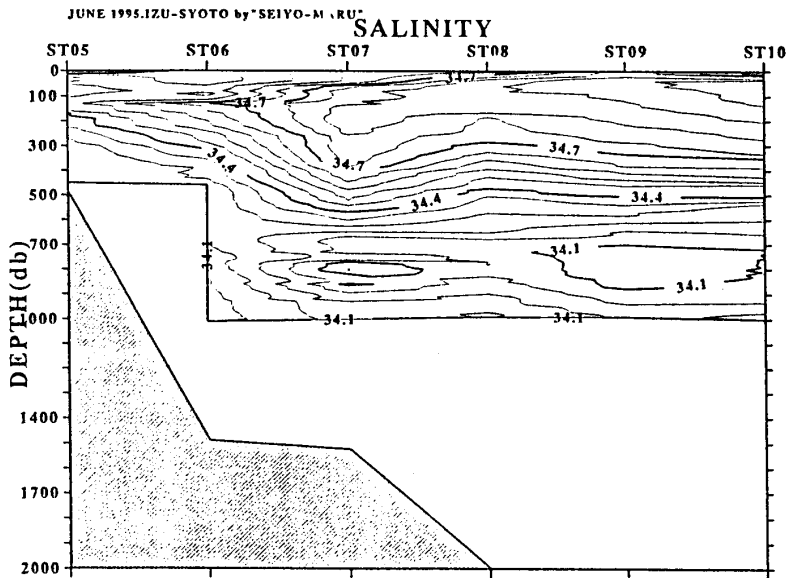
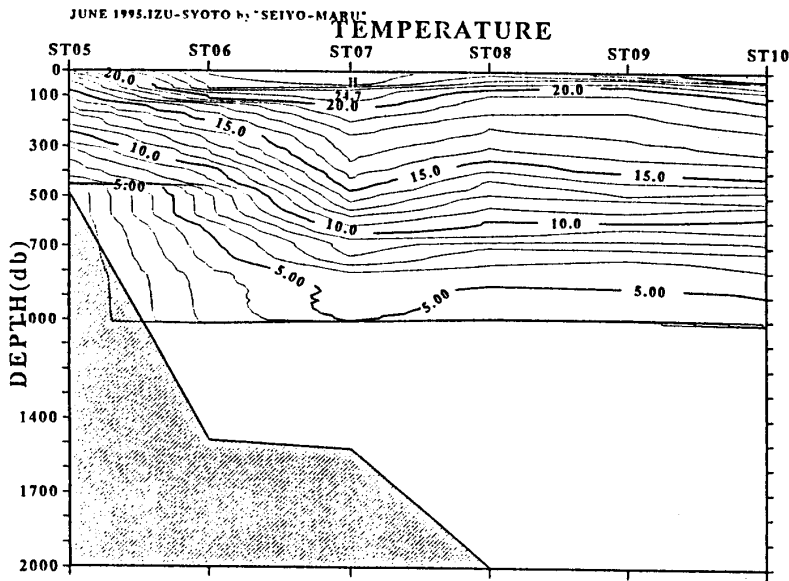
TRANSMISSION %  
 0.00- 100.00  
 CHLOROPHIL ug/L  
 0.00- 1.00



TRANSMISSION %  
 0.00- 100.00  
 CHLOROPHIL ug/L  
 0.00- 1.00

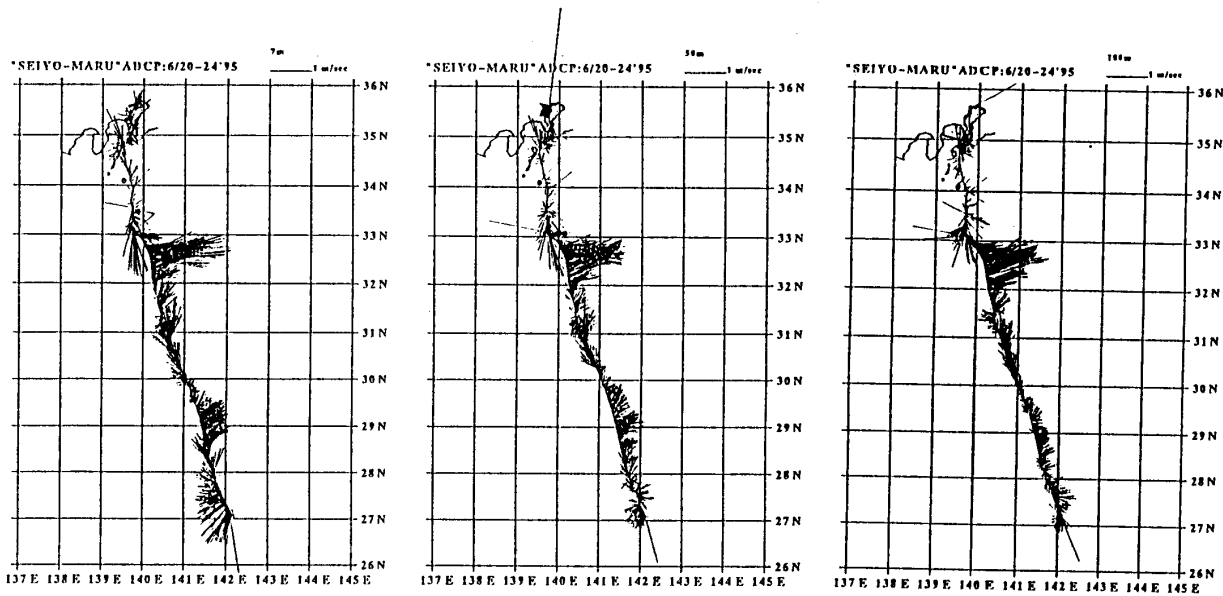
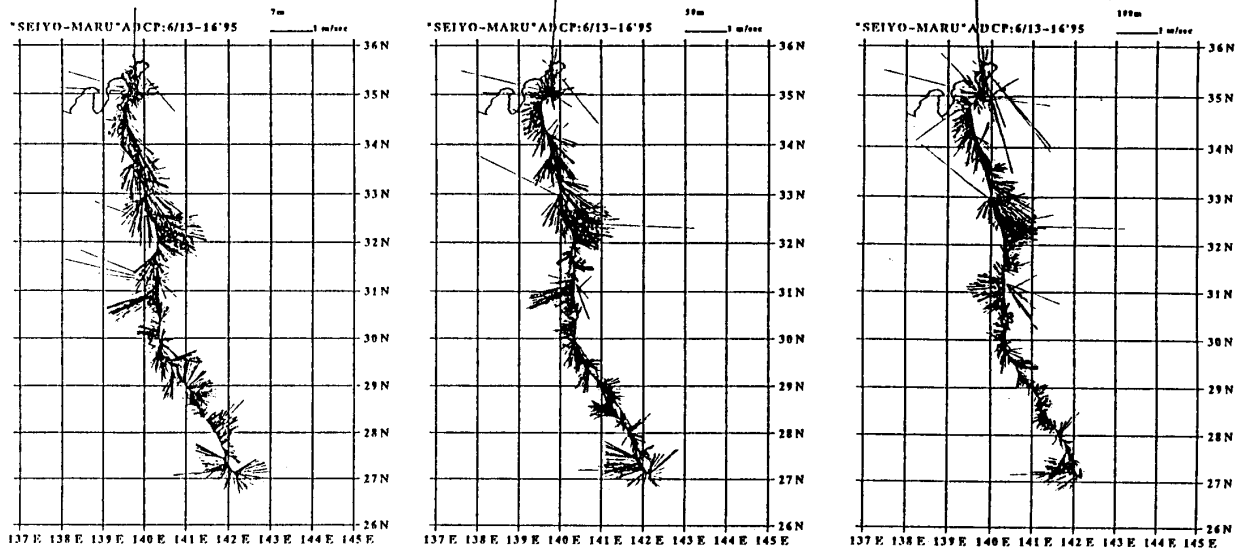


2.5. CTD鉛直断面図 CTD Vertical Section  
 八丈島沖の北緯33度から28度付近の水温・塩分及び溶存酸素データによる鉛直断面図

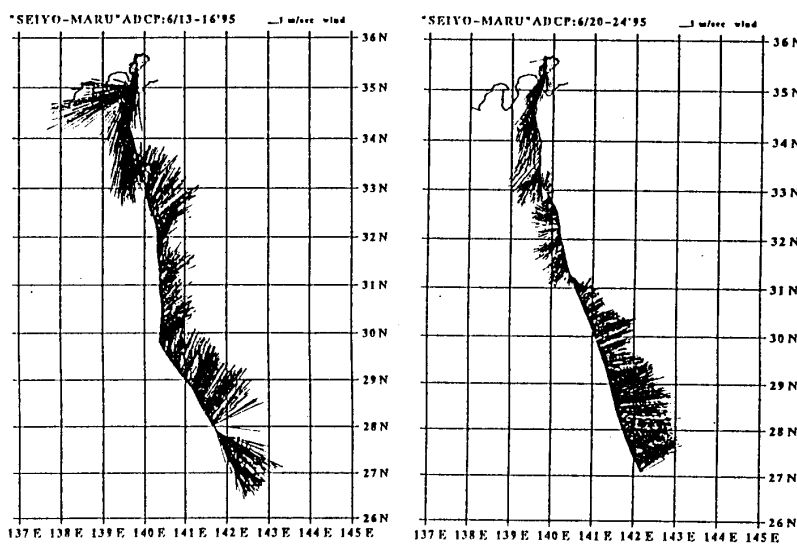


## 2.6. ADCPデータ ADCP Data

設定水深 7m, 50m, 100mにおける海流のベクトル図 (上図: 6月13日~16日, 下図: 6月20日~24日)



風のベクトル図 (左図: 6月13日~16日, 右図: 6月20日~24日)



2.7. 表層海水観測データ T-S Data

館山湾から小笠原父島の表層海水（塩分・水温・蛍光光度）の連続観測

