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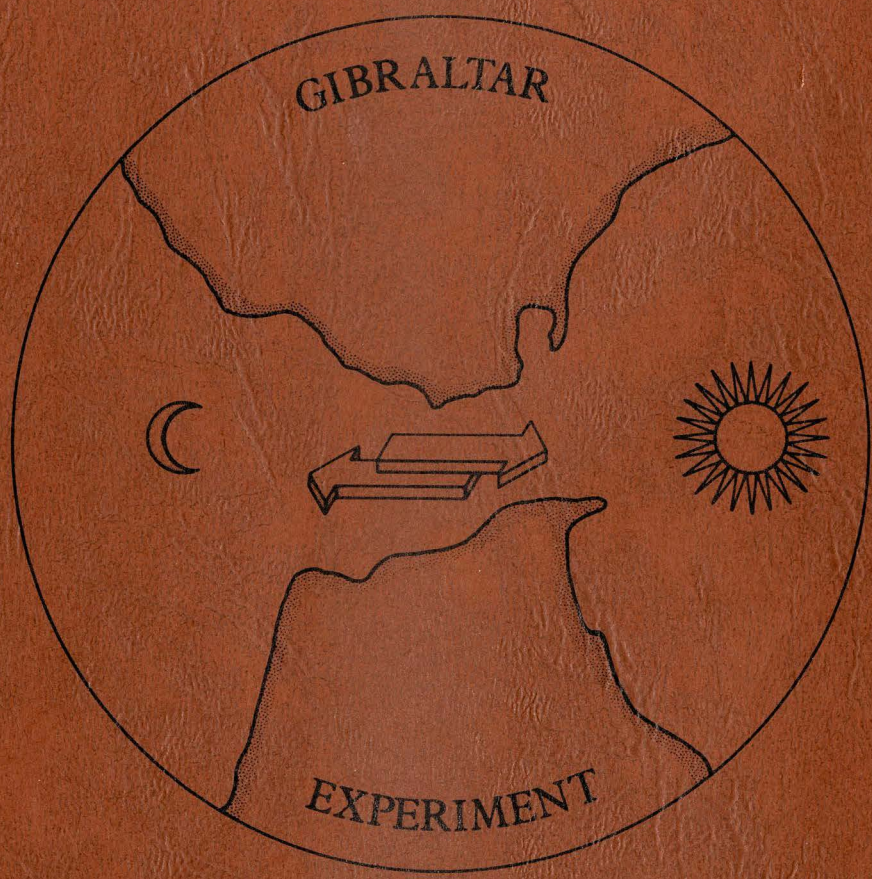
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# GIBRALTAR EXPERIMENT

CTD Data Report



March-April 1986

USNS *Lynch*

N. A. Bray



SIO Reference Series #86-21



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Gibraltar Experiment CTD Data Report

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## Abstract

The Gibraltar Experiment is a many-faceted study of the dynamics and kinematics of water mass exchange through the Strait of Gibraltar. This report contains data from the first of two CTD cruises designed to examine both the larger scale structure of water masses in the Gulf of Cadiz and Alboran Sea and the smaller scale, but highly variable, structure with the Strait itself. A total of 227 rosette casts were taken, and five 12-hour yoyo stations were occupied, with nearly continuous sampling. A total of 110 up-and-down traces were taken during the yoyos. In this report, composite potential temperature vs salinity diagrams are presented for different sections, and traces of temperature, salinity and  $\sigma_{\theta}$  (potential density) are plotted for each station.



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1. Introduction and Acknowledgments

This report presents data from a cruise by the R/Vs *Albatross* and *Thetis* in the

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## 1. Introduction and Acknowledgements

This report presents data from a cruise in March-April of 1986 which was part of the Gibraltar Experiment field program. The cruise examined the distribution of water masses in the Gulf of Cadiz, the Alboran Sea, and the Strait of Gibraltar. The primary objective of the cruise was to provide observations of temperature, salinity and geostrophic current which will be used in conjunction with moored observations to estimate heat and salt transport through the Strait. Station locations are shown in Figure 1. The sections in the Strait, labeled Trafalgar (K1), Tangier (K2), Cala Grande (K3), Cires (K4), Gibraltar (K5), and Along-Strait (K6) correspond to station locations occupied by T. Kinder (hence the label K) during November of 1985 and June of 1986. Kinder's cruises were also part of the Gibraltar Experiment.

The cruise was carried out aboard the USNS *Lynch*, under the auspices of ONR contract N00014-85-C-0407. Particular thanks go to the captain and crew of the *Lynch* for their able handling of the ship on station in heavy traffic. I am indebted to Tom Kinder for his assistance in diplomatic and scientific matters both before and during the cruise. Watchstanders were: Walt Waldorf, James Wells, Cindy Paden (watch captains); Myrl Hendershott, Suzanne Shull, Ana Carrasco (SIO), Steve Rintoul (MIT), Maria Sameiro Lopes (Univ. of Lisboa). The data quality is a tribute to their diligence; the cooperative spirit they maintained made the cruise itself a pleasure. The report was typed by Joan Semler and final lay-up was done by Mike Clark.

## 2. Data Processing

This discussion is divided into several sections, organized approximately in the order in which the data is acquired and processed. Program listings are available upon request. The sections are: acquisition, calibration, error identification, combination of separately digitized fast- and slow-response temperature signals, lag correction and salinity calculations, and pressure averaging.



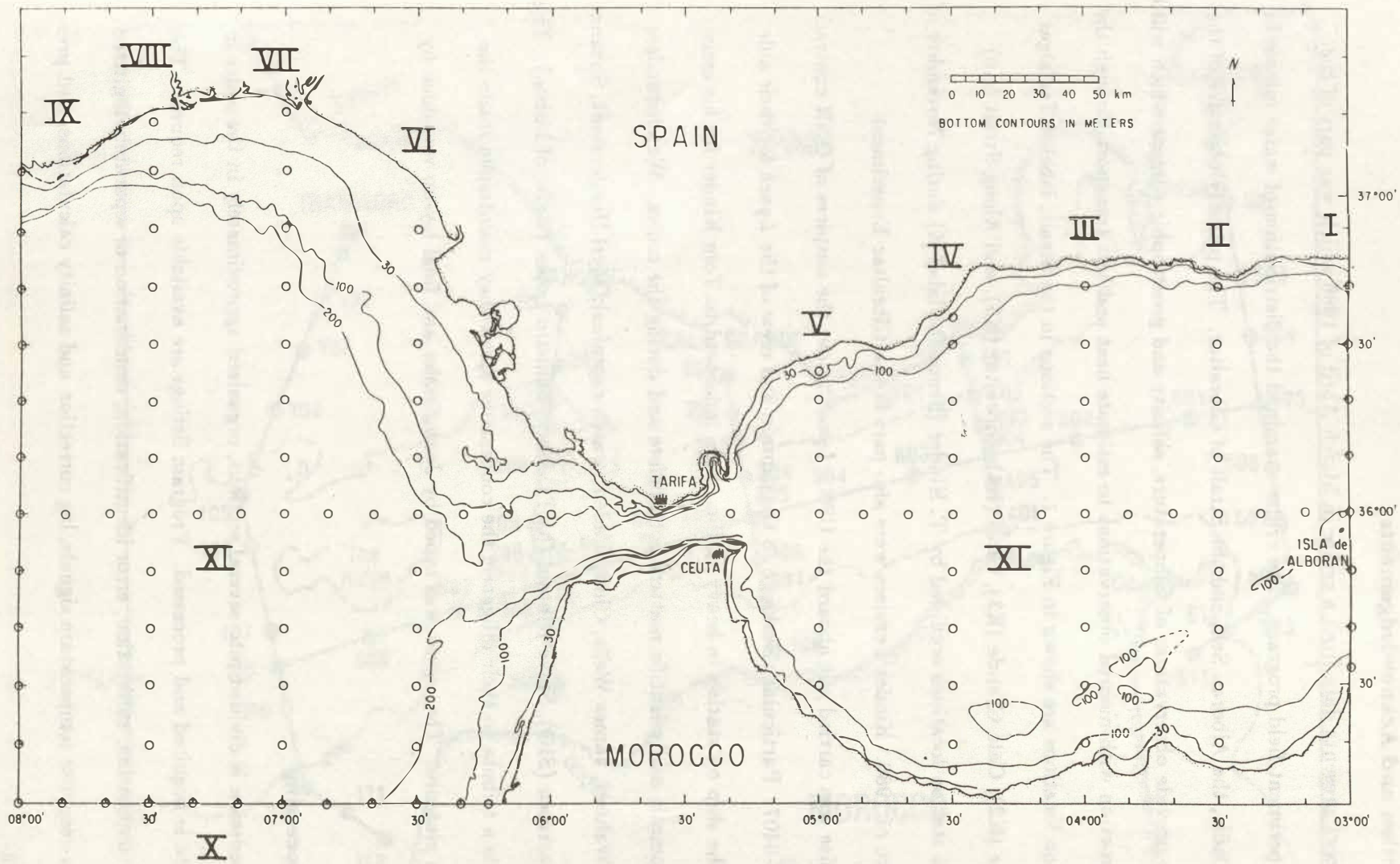


Figure 1a. Large-scale Survey Station Locations

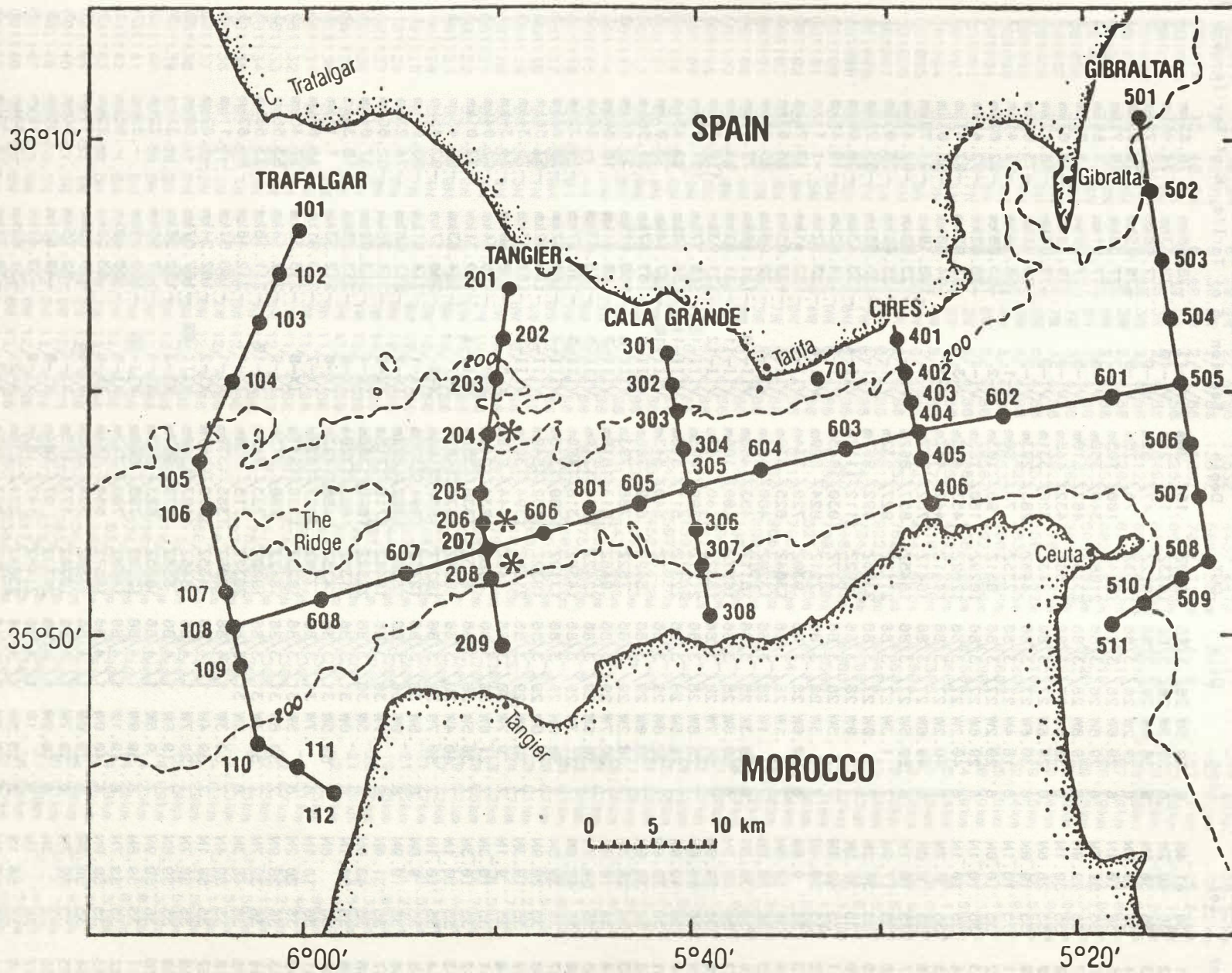


Figure 1b. Strait Station Locations



Table 1a. Station Locations

Station	Lat	Long	Date	GMT	Depth	Section	E of Tarifa	N of Tarifa	CTD #
GB1001	36 41.4N	6 30.5W	26/ 3/86	1350Z	15/ 20m	VI-11	-78.58km	76.67km	3
GB1002	36 40.2N	6 30.3W	26/ 3/86	1443Z	15/ 21m	VI-10	-78.33km	74.45km	3
GB1003	36 30.1N	6 30.0W	26/ 3/86	1612Z	47/ 52m	VI-9	-77.96km	55.75km	3
GB1004	36 19.9N	6 29.2W	26/ 3/86	1753Z	70/ 75m	VI-8	-76.85km	36.85km	3
GB1005	36 10.1N	6 29.6W	26/ 3/86	1924Z	100/ 105m	VI-7	-77.53km	18.71km	3
GB1006	35 59.7N	6 29.8W	26/ 3/86	2108Z	340/ 350m	VI-6	-77.91km	-.56km	3
GB1007	35 49.9N	6 29.8W	26/ 3/86	2315Z	467/ 510m	VI-5	-77.99km	-18.71km	3
GB1008	35 39.1N	6 30.5W	27/ 3/86	56Z	432/ 445m	VI-4	-79.10km	-38.67km	3
GB1009	35 28.6N	6 29.6W	27/ 3/86	243Z	326/ 331m	VI-3	-77.84km	-58.12km	3
GB1010	35 19.0N	6 30.6W	27/ 3/86	440Z	283/ 293m	VI-2	-79.45km	-75.89km	3
GB1011	35 10.1N	6 16.4W	27/ 3/86	735Z	73/ 80m	X-1	-58.14km	-92.41km	3
GB1012	35 10.0N	6 20.2W	27/ 3/86	851Z	98/ 103m	X-2	-63.86km	-92.60km	3
GB1013	35 10.1N	6 29.6W	27/ 3/86	1029Z	180/ 185m	VI-1	-78.02km	-92.41km	3
GB1014	35 10.1N	6 40.2W	27/ 3/86	1202Z	453/ 458m	X-3	-93.92km	-92.41km	3
GB1015	35 8.7N	6 40.2W	27/ 3/86	1441Z	442/ 447m	X-3	-94.00km	-95.01km	1
GB1016	35 8.8N	6 49.6W	27/ 3/86	1641Z	752/ 757m	X-4	-108.19km	-94.79km	1
GB1017	35 10.1N	6 59.5W	27/ 3/86	1845Z	857/ 862m	VII-1	-123.08km	-92.45km	1
GB1018	35 17.9N	7 1.3W	27/ 3/86	2117Z	927/ 932m	VII-2	-125.69km	-78.01km	1
GB1019	35 30.2N	7 .0W	27/ 3/86	2350Z	992/ 997m	VII-3	-123.55km	-55.26km	1
GB1020	35 39.5N	7 .0W	28/ 3/86	202Z	1112/1117m	VII-4	-123.43km	-38.00km	1
GB1021	35 49.5N	7 .5W	28/ 3/86	447Z	1030/1045m	VII-5	-124.02km	-19.45km	1
GB1022	35 59.4N	7 .3W	28/ 3/86	721Z	824/ 829m	VII-6	-123.62km	-1.11km	1
GB1023	36 9.6N	6 59.6W	28/ 3/86	930Z	729/ 734m	VII-7	-122.41km	17.78km	3
GB1024	36 19.8N	7 .1W	28/ 3/86	1304Z	625/ 630m	VII-8	-123.05km	36.67km	3
GB1025	36 29.8N	7 .1W	28/ 3/86	1320Z	480/ 485m	VII-9	-122.98km	55.19km	3
GB1026	36 39.3N	6 59.3W	28/ 3/86	1511Z	453/ 458m	VII-10	-121.60km	72.78km	3
GB1027	36 49.3N	6 59.6W	28/ 3/86	1657Z	100/ 105m	VII-11	-121.89km	91.34km	3
GB1028	36 59.6N	6 59.7W	28/ 3/86	1832Z	40/ 47m	VII-12	-121.93km	110.34km	3
GB1029	36 55.0N	7 29.8W	28/ 3/86	2127Z	399/ 405m	VIII-12	-166.77km	101.79km	3
GB1030	36 49.9N	7 29.5W	28/ 3/86	2231Z	511/ 518m	VIII-11	-166.50km	92.45km	3
GB1031	36 39.4N	7 29.8W	29/ 3/86	7Z	540/ 543m	VIII-10	-167.14km	73.01km	3
GB1032	36 30.0N	7 30.0W	29/ 3/86	549Z	692/ 700m	VIII-9	-167.57km	55.56km	3
GB1033	36 20.3N	7 30.2W	29/ 3/86	752Z	788/ 793m	VIII-8	-168.02km	37.56km	3
GB1034	36 10.0N	7 30.7W	29/ 3/86	946Z	1013/1018m	VIII-7	-169.01km	18.56km	3
GB1035	35 59.7N	7 30.5W	29/ 3/86	1242Z	1214/1219m	VIII-6	-168.83km	-.56km	3
GB1036	35 49.6N	7 31.3W	29/ 3/86	1456Z	1318/1400m	VIII-5	-170.27km	-19.22km	3
GB1037	35 39.5N	7 30.9W	29/ 3/86	1719Z	1389/1395m	VIII-4	-169.82km	-38.00km	3
GB1038	35 28.9N	7 30.8W	29/ 3/86	1932Z	1502/1540m	VIII-3	-169.92km	-57.56km	3
GB1039	35 19.3N	7 30.4W	29/ 3/86	2156Z	1394/1399m	VIII-2	-169.37km	-75.34km	3
GB1040	35 9.1N	7 9.7W	30/ 3/86	148Z	944/ 949m	X-5	-138.49km	-94.34km	3
GB1041	35 10.3N	7 21.6W	30/ 3/86	408Z	1234/1244m	X-6	-156.34km	-92.04km	3
GB1042	35 10.3N	7 30.5W	30/ 3/86	615Z	1330/1350m	VIII-1	-169.71km	-92.01km	3
GB1043	35 10.1N	7 40.4W	30/ 3/86	827Z	1472/1497m	X-7	-184.63km	-92.45km	3
GB1044	35 10.1N	7 50.7W	30/ 3/86	1027Z	1550/2100m	X-8	-200.17km	-92.45km	3
GB1045	35 9.8N	8 .5W	30/ 3/86	1245Z	1994/2306m	IX-1	-214.91km	-93.01km	1
GB1046	35 19.9N	8 .0W	30/ 3/86	1636Z	1882/1892m	IX-2	-213.96km	-74.23km	1
GB1047	35 31.6N	8 .7W	30/ 3/86	1946Z	1710/1715m	IX-3	-214.78km	-52.56km	1
GB1048	35 40.0N	8 .3W	30/ 3/86	2252Z	1690/1700m	IX-4	-213.99km	-37.04km	1
GB1049	35 50.1N	8 .0W	31/ 3/86	132Z	1693/1720m	IX-5	-213.28km	-18.33km	1
GB1050	36 .6N	7 59.5W	31/ 3/86	435Z	1488/1493m	IX-6	-212.33km	1.11km	1
GB1051	36 10.1N	8 .7W	31/ 3/86	740Z	1427/1427m	IX-7	-213.91km	18.67km	3
GB1052	36 20.2N	8 .5W	31/ 3/86	1025Z	1196/1211m	IX-8	-213.92km	37.45km	3
GB1053	36 28.9N	7 59.8W	31/ 3/86	1642Z	788/ 813m	IX-9	-212.14km	53.56km	3
GB1054	36 39.7N	7 59.3W	31/ 3/86	1900Z	733/ 743m	IX-10	-211.18km	73.56km	3
GB1055	36 46.3N	8 .3W	31/ 3/86	2032Z	715/ 726m	IX-11	-212.46km	85.67km	3
GB1056	35 59.4N	7 50.3W	1/ 4/86	205Z	1365/1370m	XI-1	-198.51km	-1.11km	3
GB1057	35 59.1N	7 39.4W	1/ 4/86	435Z	1272/1287m	XI-2	-182.24km	-1.67km	3
GB1058	35 59.7N	7 29.7W	1/ 4/86	645Z	1187/1200m	VIII-6B	-167.67km	-.56km	3
GB1059	35 59.8N	7 19.6W	1/ 4/86	856Z	979/ 997m	XI-3	-152.56km	-.33km	3
GB1060	35 59.9N	7 9.6W	1/ 4/86	1055Z	823/ 827m	XI-4	-137.55km	-.22km	3
GB1061	35 59.8N	6 59.9W	1/ 4/86	1229Z	795/ 800m	VII-6B	-122.98km	-.33km	3
GB1062	35 59.7N	6 49.1W	1/ 4/86	1408Z	709/ 712m	XI-5	-106.80km	-.56km	3
GB1063	35 59.9N	6 40.0W	1/ 4/86	1557Z	558/ 564m	IX-6	-93.23km	-.22km	3
GB1064	35 59.9N	6 29.0W	1/ 4/86	1756Z	324/ 335m	VI-6B	-76.68km	-.11km	3
GB1065	35 59.7N	6 19.7W	1/ 4/86	1920Z	173/ 185m	XI-7	-62.75km	-.56km	3
GB1066	36 .3N	6 10.9W	1/ 4/86	2033Z	97/ 104m	XI-8	-49.62km	.56km	3
GB1067	36 .1N	6 .1W	1/ 4/86	2148Z	147/ 157m	XI-9	-33.41km	.19km	3
GB1068	35 56.1N	5 58.5W	1/ 4/86	2304Z	221/ 230m	A-2	-31.09km	-7.30km	3
GB1069	35 52.3N	5 58.3W	2/ 4/86	32Z	283/ 345m	A-3	-30.74km	-14.26km	3
GB1070	35 48.2N	5 56.7W	2/ 4/86	155Z	126/ 138m	A-4	-28.35km	-21.85km	3
GB1071	35 58.1N	6 13.3W	2/ 4/86	424Z	95/ 105m	A-5	-53.20km	-3.52km	3



GB1072	35	51.9N	6	14.1W	2/	4/86	519Z	314/	325m	A-6	-54.43km	-15.00km	3
GB1073	35	49.1N	6	14.0W	2/	4/86	639Z	410/	421m	A-7	-54.27km	-20.22km	3
GB1074	35	46.0N	6	13.5W	2/	4/86	749Z	275/	286m	A-8	-53.57km	-25.89km	3
GB1075	35	40.5N	6	12.3W	2/	4/86	901Z	107/	117m	A-9	-51.80km	-36.11km	3
GB1076	35	35.1N	6	20.8W	2/	4/86	1024Z	131/	133m	A-11	-64.63km	-46.11km	3
GB1077	35	39.3N	6	29.4W	2/	4/86	1153Z	443/	447m	A-12	-77.48km	-38.34km	3
GB1078	35	43.7N	6	39.8W	2/	4/86	1331Z	560/	563m	A-13	-93.02km	-30.22km	3
GB1079	35	46.3N	6	49.6W	2/	4/86	1530Z	707/	716m	A-14	-107.76km	-25.34km	3
GB1080	35	50.2N	6	59.6W	2/	4/86	1725Z	1005/	1009m	A-15	-122.66km	-18.11km	3
GB1081	35	51.6N	6	55.3W	2/	4/86	1849Z	816/	826m	A-16	-116.25km	-15.56km	3
GB1082	35	54.3N	6	50.3W	2/	4/86	2012Z	692/	698m	A-17	-108.66km	-10.50km	3
GB1083	35	56.8N	6	36.2W	2/	4/86	2120Z	677/	692m	A-18	-87.59km	-6.00km	3
GB1084	35	58.9N	6	42.0W	2/	4/86	2235Z	602/	612m	A-19	-96.19km	-2.00km	3
GB1085	36	1.8N	6	37.6W	2/	4/86	2347Z	506/	516m	A-20	-89.58km	3.33km	3
GB1086	36	3.8N	6	32.7W	3/	4/86	56Z	368/	379m	A-21	-82.22km	7.00km	3
GB1087	36	8.6N	6	24.7W	3/	4/86	302Z	70/	75m	A-22	-70.24km	16.00km	3
GB1088	35	50.0N	6	3.9W	5/	4/86	1535Z	350/	362m	K-108	-39.15km	-18.56km	3
GB1089	35	51.4N	5	59.3W	5/	4/86	1742Z	363/	375m	K-608	-32.24km	-15.93km	3
GB1090	35	52.2N	5	54.6W	5/	4/86	1853Z	400/	408m	K-607	-25.19km	-14.45km	3
GB1091	35	52.8N	5	51.8W	5/	4/86	1956Z	492/	500m	K-207	-20.99km	-13.33km	3
GB1092	35	53.7N	5	47.2W	5/	4/86	2108Z	438/	453m	K-606	-14.09km	-11.58km	3
GB1093	35	55.1N	5	41.6W	5/	4/86	2225Z	482/	493m	K-605	-5.64km	-9.11km	3
GB1094	35	55.7N	5	39.1W	5/	4/86	2317Z	610/	620m	K-305	-1.89km	-8.04km	3
GB1095	35	56.5N	5	35.2W	6/	4/86	14Z	494/	502m	K-604	3.90km	-6.48km	3
GB1096	35	57.4N	5	31.3W	6/	4/86	105Z	782/	795m	K-603	9.76km	-4.82km	3
GB1097	35	58.1N	5	27.7W	6/	4/86	201Z	922/	945m	K-404	15.14km	-3.52km	3
GB1098	35	59.1N	5	22.7W	6/	4/86	314Z	784/	880m	K-602	22.63km	-1.67km	3
GB1099	35	59.8N	5	19.0W	6/	4/86	430Z	848/	887m	K-601	28.17km	-.37km	3
GB1100	36	.6N	5	12.9W	6/	4/86	600Z	700/	740m	K-505	37.31km	1.11km	3
GB1101	36	.5N	5	10.4W	6/	4/86	701Z	521/	545m	XI-11	41.08km	.89km	3
GB1102	35	59.8N	5	.0W	6/	4/86	821Z	763/	770m	V-4	56.64km	-.33km	3
GB1103	35	58.6N	4	47.7W	6/	4/86	1008Z	966/	970m	XI-12	75.08km	-2.56km	3
GB1104	35	59.9N	4	40.3W	6/	4/86	1148Z	1090/	1090m	XI-13	86.12km	-.22km	3
GB1106	36	.0N	4	19.8W	6/	4/86	1550Z	1308/	1320m	XI-14	116.87km	.00km	1
GB1107	35	59.9N	4	10.1W	6/	4/86	1745Z	1294/	1309m	XI-15	131.40km	-.19km	1
GB1108	35	58.6N	3	49.1W	6/	4/86	2032Z	1357/	1372m	XI-16	162.89km	-2.59km	1
GB1109	36	.0N	3	40.1W	6/	4/86	2244Z	1139/	1154m	XI-17	176.35km	.00km	1
GB1110	35	59.8N	3	20.9W	7/	4/86	144Z	1597/	1620m	XI-18	205.15km	-.33km	1
GB1111	35	59.9N	3	10.2W	7/	4/86	405Z	1450/	1470m	XI-19	221.15km	-.22km	1
GB1112	35	30.0N	3	.0W	7/	4/86	1123Z	197/	213m	I-1	237.18km	-55.56km	1
GB1113	35	39.8N	3	.1W	7/	4/86	1331Z	843/	846m	I-2	236.76km	-37.45km	1
GB1114	36	.4N	3	30.3W	8/	4/86	608Z	1052/	1067m	II-5	191.03km	.78km	1
GB1115	36	11.4N	3	29.0W	8/	4/86	852Z	675/	687m	II-6	192.78km	21.11km	1
GB1116	36	19.9N	3	30.2W	8/	4/86	1100Z	880/	891m	II-7	190.81km	36.89km	1
GB1117	36	30.0N	3	30.0W	8/	4/86	1300Z	785/	805m	II-8	190.87km	55.56km	1
GB1118	36	40.1N	3	31.4W	8/	4/86	1500Z	200/	210m	II-9	188.61km	74.23km	1
GB1119	36	39.3N	4	14.6W	8/	4/86	2030Z	110/	140m	TEST ST	124.17km	72.78km	5
GB1120	35	50.0N	5	50.3W	10/	4/86	948Z	79/	94m	K-209	-18.72km	-18.56km	5
GB1121	35	52.0N	5	51.2W	10/	4/86	1030Z	278/	282m	K-208	-20.06km	-14.78km	5
GB1122	35	53.0N	5	50.8W	10/	4/86	1103Z	518/	623m	K-207	-19.52km	-13.00km	5
GB1123	35	54.0N	5	49.6W	10/	4/86	1150Z	427/	433m	K-206	-17.72km	-11.11km	5
GB1124	35	55.4N	5	52.3W	10/	4/86	1236Z	255/	295m	K-205	-21.77km	-8.56km	5
GB1125	35	57.7N	5	52.4W	10/	4/86	1325Z	323/	347m	K-204	-21.85km	-4.22km	5
GB1126	36	.0N	5	51.0W	10/	4/86	1408Z	244/	246m	K-203	-19.78km	.00km	5
GB1127	36	1.8N	5	51.4W	10/	4/86	1448Z	135/	142m	K-202	-20.40km	3.33km	5
GB1128	36	4.1N	5	52.1W	10/	4/86	1529Z	40/	52m	K-201	-21.39km	7.56km	5
GB1129	36	.4N	5	39.3W	11/	4/86	2130Z	85/	95m	K-301	-2.25km	.78km	5
GB1130	36	.0N	5	37.5W	11/	4/86	2202Z	145/	157m	K-302	.45km	.00km	5
GB1131	35	58.7N	5	39.3W	11/	4/86	2239Z	396/	405m	K-303	-2.31km	-2.48km	5
GB1132	35	57.2N	5	39.2W	11/	4/86	2320Z	624/	630m	K-304	-2.07km	-5.24km	5
GB1133	35	55.6N	5	39.5W	12/	4/86	9Z	597/	609m	K-305	-2.55km	-8.15km	5
GB1134	35	54.3N	5	38.7W	12/	4/86	129Z	478/	488m	K-306	-1.35km	-10.56km	5
GB1135	35	52.7N	5	38.8W	12/	4/86	233Z	297/	307m	K-307	-1.53km	-13.56km	5
GB1136	35	51.3N	5	38.2W	12/	4/86	312Z	50/	60m	K-308	-.63km	-16.11km	5
GB1137	35	55.9N	5	27.6W	12/	4/86	440Z	466/	478m	K-406	15.29km	-7.59km	5
GB1138	35	57.0N	5	27.3W	12/	4/86	539Z	913/	923m	K-405	15.74km	-5.56km	5
GB1139	35	58.2N	5	27.8W	12/	4/86	700Z	910/	932m	K-404	14.99km	-3.33km	5
GB1140	35	59.5N	5	28.3W	12/	4/86	824Z	750/	835m	K-403	14.23km	-.93km	5
GB1141	36	.9N	5	28.3W	12/	4/86	951Z	374/	375m	K-402	14.20km	1.67km	5
GB1142	36	1.8N	5	28.2W	12/	4/86	1028Z	52/	64m	K-401	14.38km	3.33km	5
GB1143	35	50.5N	5	16.7W	12/	4/86	1242Z	26/	30m	K 511	31.65km	-17.59km	5
GB1144	35	51.1N	5	14.2W	12/	4/86	1305Z	150/	157m	K 510	35.36km	-16.45km	5
GB1145	35	51.5N	5	13.9W	12/	4/86	1332Z	363/	371m	K 509	35.81km	-15.78km	5
GB1146	35	53.5N	5	12.5W	12/	4/86	1407Z	476/	470m	K-508	37.96km	-12.00km	5
GB1147	35	55.9N	5	13.6W	12/	4/86	1452Z	617/	625m	K-507	36.24km	-7.56km	5
GB1148	35	59.0N	5	16.8W	12/	4/86	1600Z	836/	840m	K-506	31.47km	-1.89km	5
GB1149	36	.9N	5	14.5W	12/	4/86	1708Z	755/	775m	K-505	34.91km	1.67km	5



GB1150	36	3.5N	5	13.5W	12/	4/86	1829Z	782/	847m	K-504	36.40km	6.48km	5
GB1151	36	5.9N	5	15.7W	12/	4/86	1956Z	730/	740m	K-503	33.09km	10.93km	5
GB1152	36	8.1N	5	15.5W	12/	4/86	2053Z	501/	516m	K-502	33.38km	15.00km	5
GB1153	36	11.5N	5	16.5W	12/	4/86	2145Z	153/	168m	K-501	31.88km	21.30km	5
GB1154	36	24.0N	5	1.5W	12/	4/86	2351Z	107/	122m	V-7	54.25km	44.45km	5
GB1155	36	19.7N	5	.1W	13/	4/86	36Z	308/	320m	V-6	56.44km	36.58km	5
GB1156	36	9.8N	5	.2W	13/	4/86	207Z	823/	834m	V-5	56.28km	18.15km	5
GB1157	35	59.9N	5	.0W	13/	4/86	354Z	803/	815m	V-4	56.64km	-.19km	5
GB1158	35	49.8N	5	.0W	13/	4/86	540Z	433/	446m	V-3	56.70km	-18.89km	5
GB1159	35	39.2N	5	1.0W	13/	4/86	720Z	379/	390m	V-2	55.26km	-38.52km	5
GB1160	35	30.1N	4	59.8W	13/	4/86	841Z	276/	289m	V-1.	57.11km	-55.37km	5
GB1161	35	13.4N	4	28.9W	13/	4/86	1241Z	95/	102m	IV-1	103.71km	-86.34km	5
GB1162	35	19.8N	4	29.9W	13/	4/86	1344Z	324/	370m	IV-2	102.20km	-74.45km	5
GB1163	35	29.9N	4	31.7W	13/	4/86	1540Z	480/	485m	IV-3	99.38km	-55.78km	5
GB1164	35	39.4N	4	27.0W	13/	4/86	1710Z	1407/	1411m	IV-4	106.31km	-38.15km	5
GB1165	35	49.5N	4	29.4W	13/	4/86	1938Z	941/	1300m	IV-5	102.60km	-19.45km	5
GB1166	36	1.3N	4	31.1W	13/	4/86	2236Z	1200/	1220m	IV-6	99.92km	2.41km	5
GB1167	36	9.6N	4	29.9W	14/	4/86	57Z	1034/	1054m	IV-7	101.66km	17.78km	5
GB1168	36	19.7N	4	29.9W	14/	4/86	302Z	729/	750m	IV-8	101.52km	36.48km	5
GB1169	36	30.1N	4	29.8W	14/	4/86	505Z	125/	135m	IV-9	101.56km	55.75km	5
GB1170	36	32.0N	4	30.1W	14/	4/86	540Z	76/	88m	IV-10	101.09km	59.26km	5
GB1171	36	39.9N	4	.0W	14/	4/86	830Z	210/	222m	III-9	145.91km	73.89km	5
GB1172	36	30.0N	4	.0W	14/	4/86	1010Z	649/	657m	III-8	146.07km	55.56km	5
GB1173	36	19.4N	4	.8W	14/	4/86	1155Z	786/	790m	III-7	145.04km	35.93km	5
GB1174	36	9.9N	3	59.8W	14/	4/86	1330Z	1235/	1250m	III-6	146.65km	18.33km	5
GB1175	35	59.9N	4	.0W	14/	4/86	1538Z	1296/	1298m	III-5	146.54km	-.19km	5
GB1176	35	49.9N	4	.1W	14/	4/86	1743Z	829/	845m	III-4	146.51km	-18.67km	5
GB1177	35	39.9N	4	.4W	14/	4/86	1928Z	1444/	1456m	III-3	146.24km	-37.23km	5
GB1178	35	30.2N	4	.0W	14/	4/86	2212Z	412/	427m	III-2	146.99km	-55.19km	5
GB1179	35	20.0N	3	59.7W	14/	4/86	2247Z	381/	391m	III-1	147.60km	-74.08km	5
GB1180	35	19.9N	3	30.3W	15/	4/86	136Z	167/	177m	II-1	191.84km	-74.27km	5
GB1181	35	30.0N	3	29.8W	15/	4/86	259Z	814/	824m	II-2	192.39km	-55.56km	5
GB1182	35	40.1N	3	30.0W	15/	4/86	502Z	539/	600m	II-3	191.89km	-36.89km	5
GB1183	35	50.2N	3	30.1W	15/	4/86	655Z	1381/	1389m	II-4	191.53km	-18.15km	5
GB1184	36	.6N	5	14.5W	15/	4/86	1922Z	725/	730m	K-505	34.91km	1.11km	5
GB1185	35	59.8N	5	19.2W	15/	4/86	2042Z	802/	880m	K-601	27.87km	-.37km	5
GB1186	35	59.2N	5	23.1W	15/	4/86	2210Z	860/	870m	K-602	21.95km	-1.43km	5
GB1187	35	57.7N	5	31.4W	16/	4/86	26Z	602/	652m	K-603	9.58km	-4.26km	5
GB1188	35	56.5N	5	35.3W	16/	4/86	146Z	500/	508m	K-604	3.75km	-6.48km	5
GB1189	35	55.0N	5	42.2W	16/	4/86	316Z	478/	485m	K-605	-6.60km	-9.26km	5
GB1190	35	53.9N	5	47.3W	16/	4/86	424Z	428/	436m	K-606	-14.24km	-11.30km	5
GB1191	35	55.8N	5	27.5W	16/	4/86	1720Z	395/	403m	K-406	15.47km	-7.78km	5
GB1192	35	56.9N	5	27.0W	16/	4/86	1757Z	772/	780m	K-405	16.19km	-5.74km	5
GB1193	35	58.5N	5	28.0W	16/	4/86	1904Z	959/	984m	K-404	14.69km	-2.78km	5
GB1194	35	59.5N	5	28.0W	16/	4/86	2012Z	933/	945m	K-403	14.68km	-.93km	5
GB1195	36	.8N	5	28.5W	16/	5/86	2129Z	334/	342m	K-402	13.93km	1.39km	5
GB1196	36	2.0N	5	28.5W	16/	4/86	2233Z	40/	53m	K-401	13.98km	3.69km	5
GB1197	35	59.9N	5	40.3W	17/	4/86	16Z	134/	149m	K-302	-3.74km	-.92km	5
GB1198	35	58.4N	5	39.2W	17/	4/86	55Z	350/	370m	K-303	-2.17km	-2.96km	5
GB1199	35	57.1N	5	39.2W	17/	4/86	133Z	646/	661m	K-304	-2.10km	-5.37km	5
GB1200	35	55.7N	5	40.3W	17/	4/86	224Z	565/	571m	K-305	-3.75km	-7.96km	5
GB1201	35	54.0N	5	38.8W	17/	4/86	317Z	484/	491m	K-306	-1.50km	-11.11km	5
GB1202	35	52.7N	5	39.7W	17/	4/86	407Z	172/	178m	K-307	-2.85km	-13.52km	5
GB1203	35	51.6N	5	38.6W	17/	4/86	434Z	46/	56m	K-308	-1.20km	-15.56km	5
GB1204	35	50.1N	5	51.1W	18/	4/86	2007Z	90/	95m	K-209	-19.95km	-18.33km	5
GB1205	35	51.9N	5	51.7W	18/	4/86	2056Z	409/	414m	K-208	-20.84km	-15.00km	5
GB1206	35	52.5N	5	51.4W	18/	4/86	2202Z	524/	536m	K-207	-20.39km	-13.89km	5
GB1207	35	54.0N	5	51.8W	18/	4/86	2247Z	446/	453m	K-206	-20.99km	-11.11km	5
GB1208	35	55.6N	5	51.9W	18/	4/86	2332Z	303/	310m	K-205	-21.14km	-8.15km	5
GB1209	35	56.7N	5	50.4W	19/	4/86	25Z	420/	424m		-18.89km	-6.11km	5
GB1210	35	57.7N	5	51.3W	19/	4/86	108Z	345/	350m	K-204	-20.23km	-4.19km	5
GB1211	35	59.8N	5	50.7W	19/	4/86	201Z	224/	229m	K-203	-19.33km	-.33km	5
GB1212	36	2.2N	5	50.7W	19/	4/86	245Z	109/	118m	K-202	-19.32km	4.07km	5
GB1213	36	4.1N	5	50.4W	19/	4/86	320Z	68/	76m	K-201	-18.87km	7.59km	5
GB1214	35	52.3N	5	54.5W	19/	4/86	459Z	397/	408m	K-607	-25.04km	-14.26km	5
GB1215	35	51.3N	5	59.8W	19/	4/86	1554Z	380/	391m	K-608	-32.99km	-16.11km	5
GB1216	35	43.0N	5	59.0W	19/	4/86	1015Z	33/	38m	K-112	-31.79km	-31.45km	5
GB1217	35	44.3N	6	1.0W	19/	4/86	1045Z	62/	65m	K-111	-34.85km	-29.11km	5
GB1218	35	45.5N	6	3.0W	19/	4/86	1115Z	92/	97m	K-110	-37.82km	-26.89km	5
GB1219	35	49.0N	6	3.5W	19/	4/86	1152Z	369/	366m	K-109	-38.52km	-20.33km	5
GB1220	35	50.5N	6	3.7W	19/	4/86	1230Z	401/	404m	K-108	-38.87km	-17.56km	5
GB1221	35	51.5N	6	4.0W	19/	4/86	1300Z	331/	336m	K-107	-39.32km	-15.78km	5
GB1222	35	54.5N	6	5.3W	19/	4/86	1338Z	335/	337m	K-106	-41.20km	-10.22km	5
GB1223	35	57.0N	6	6.0W	19/	4/86	1417Z	224/	239m	K105	-42.27km	-5.56km	5
GB1224	35	59.5N	6	4.3W	19/	4/86	1451Z	169/	177m	K-104	-39.74km	-.89km	5
GB1225	36	2.0N	6	2.5W	19/	4/86	1531Z	108/	115m	K-103	-37.03km	3.67km	5
GB1226	36	4.5N	6	.8W	19/	4/86	1601Z	76/	81m	K-102	-34.41km	8.33km	5
GB1227	36	7.0N	5	59.0W	19/	4/86	1628Z	62/	67m	K-101	-31.71km	13.00km	5



Table 1b. Yoyo Station Locations

Station	Lat	Long	Date	GMT	Depth	Section	E of Tarifa	N of Tarifa	CTD #
DSS001	35 53.3N	5 44.1W	9/ 4/86	905Z	295/ 305m	DSS-1	-9.39km	-12.34km	5
DSS002	35 53.9N	5 43.9W	9/ 4/86	943Z	255/ 259m	POS SAT	-9.23km	-11.33km	5
DSS003	35 54.0N	5 44.2W	9/ 4/86	1046Z	209/ 380m	D=215,S	-9.67km	-11.16km	5
DSS004	35 53.8N	5 44.9W	9/ 4/86	1112Z	248/ 250m	DISCGBY	-10.61km	-11.45km	5
DSS005	35 53.8N	5 44.6W	9/ 4/86	1146Z	261/ 266m	DISC GB	-10.16km	-11.42km	5
DSS006	35 53.9N	5 44.2W	9/ 4/86	1221Z	256/ 259m	D=286,	-9.53km	-11.25km	5
DSS007	35 54.0N	5 44.5W	9/ 4/86	1247Z	234/ 239m	TARGET	-9.98km	-11.10km	5
DSS008	35 54.0N	5 44.0W	8/ 4/86	1320Z	235/ 245m	FIRE AN	-9.34km	-11.05km	5
DSS009	35 54.2N	5 44.1W	9/ 4/86	1340Z	226/ 265m	D=255	-9.47km	-10.81km	5
DSS010	35 54.0N	5 43.7W	9/ 4/86	1400Z	297/ 317m	GBY004	-8.87km	-11.11km	5
DSS011	35 53.9N	5 42.7W	9/ 4/86	1427Z	235/ 250m	TAPE GB	-7.43km	-11.34km	5
DSS012	35 53.7N	5 43.3W	9/ 4/86	1525Z	219/ 250m	DISC GB	-8.19km	-11.64km	5
DSS013	35 53.8N	5 43.0W	9/ 4/86	1612Z	267/ 277m	DISC GB	-7.80km	-11.45km	5
DSS014	35 54.0N	5 43.4W	9/ 4/86	1655Z	227/ 230m	GBY005	-8.39km	-11.16km	5
DSS015	35 54.0N	5 43.5W	9/ 4/86	1725Z	257/ 267m	GBY005	-8.54km	-11.13km	5
DSS016	35 54.0N	5 43.0W	9/ 4/86	1757Z	275/ 285m	DSS016.	-7.86km	-11.08km	5
DSS017	35 53.8N	5 43.6W	9/ 4/86	1841Z	256/ 265m	DSS017	-8.62km	-11.45km	5
DSS018	35 54.1N	5 43.4W	9/ 4/86	1917Z	249/ 258m	DSS018,	-8.35km	-11.02km	5
DSS019	35 54.1N	5 43.8W	9/ 4/86	1951Z	299/ 309m	DSS019,	-9.00km	-10.92km	5
DSS020	35 53.9N	5 43.9W	9/ 4/86	2019Z	314/ 319m	DSS020,	-9.07km	-11.36km	5
DSS021	35 53.9N	5 43.8W	9/ 4/86	2057Z	296/ 310m	DSS021,	-9.05km	-11.21km	5
DSS022	35 54.2N	5 44.1W	9/ 4/86	2136Z	239/ 245m	DSS022,	-9.46km	-10.74km	5

Station	Lat	Long	Date	GMT	Depth	Section	E of Tarifa	N of Tarifa	CTD #
FSS001	35 54.2N	5 44.2W	9/ 4/86	2222Z	230/ 242m	FSS001,	-9.63km	-10.72km	5
FSS002	35 54.5N	5 44.5W	9/ 4/86	2256Z	301/ 311m	FSS002,	-10.10km	-10.20km	5
FSS003	35 54.4N	5 44.9W	9/ 4/86	2333Z	285/ 295m	FSS003	-10.61km	-10.44km	5
FSS004	35 54.4N	5 44.5W	10/ 4/86	7Z	239/ 249m	FSS004	-10.11km	-10.46km	5
FSS005	35 54.5N	5 44.8W	10/ 4/86	46Z	305/ 315m	FSS005	-10.44km	-10.26km	5
FSS006	35 54.6N	5 44.6W	10/ 4/86	121Z	287/ 297m	FSS006	-10.26km	-9.93km	5
FSS007	35 54.6N	5 44.6W	10/ 4/86	147Z	277/ 299m	FSS007	-10.26km	-10.01km	5
FSS008	35 54.6N	5 43.8W	10/ 4/86	224Z	227/ 239m	DISK GB	-9.02km	-10.05km	5
FSS009	35 54.4N	5 44.4W	10/ 4/86	303Z	258/ 268m	DISK GB	-9.94km	-10.40km	5
FSS010	35 54.6N	5 43.8W	10/ 4/86	329Z	217/ 229m	DISK GB	-9.03km	-10.09km	5
FSS011	35 54.6N	5 43.8W	10/ 4/86	404Z	285/ 296m	DISK GB	-9.03km	-10.09km	5
FSS012	35 54.4N	5 43.7W	10/ 4/86	438Z	270/ 279m	FSS012,	-8.90km	-10.37km	5
FSS013	35 54.4N	5 44.1W	10/ 4/86	518Z	236/ 249m	FSS013,	-9.42km	-10.37km	5
FSS014	35 54.6N	5 44.1W	10/ 4/86	542Z	208/ 228m	FSS014,	-9.37km	-9.93km	5
FSS015	35 54.6N	5 44.2W	10/ 4/86	625Z	255/ 265m	FSS-015	-9.55km	-9.98km	5
FSS016	35 54.3N	5 44.4W	10/ 4/86	711Z	252/ 262m	FSS-016	-9.95km	-10.54km	5
FSS017	35 54.6N	5 44.5W	10/ 4/86	733Z	243/ 272m	FSS-017	-10.09km	-10.05km	5
FSS018	35 54.2N	5 44.4W	10/ 4/86	819Z	235/ 244m	FSS018,	-9.96km	-10.77km	5
FSS019	35 54.4N	5 44.9W	10/ 4/86	839Z	311/ 318m	FSS019	-10.61km	-10.30km	5

Station	Lat	Long	Date	GMT	Depth	Section	E of Tarifa	N of Tarifa	CTD #
TGS001	35 56.7N	5 44.7W	10/ 4/86	1801Z	287/ 295m	TGS001	-10.37km	-6.19km	5
TGS002	35 56.5N	5 43.9W	10/ 4/86	1835Z	404/ 410m	TGS002	-9.17km	-6.41km	5
TGS003	35 56.8N	5 45.0W	10/ 4/86	1918Z	272/ 282m	TGS003	-10.86km	-5.96km	5
TGS004	35 56.7N	5 45.0W	10/ 4/86	1947Z	278/ 287m	TGS004	-10.86km	-6.11km	5
TGS005	35 56.6N	5 44.9W	10/ 4/86	2007Z	274/ 282m	TGS005	-10.61km	-6.33km	5
TGS006	35 56.6N	5 45.4W	10/ 4/86	2034Z	271/ 282m	TGS006	-11.34km	-6.20km	5
TGS007	35 56.7N	5 44.9W	10/ 4/86	2116Z	318/ 313m	TGS007	-10.61km	-6.04km	5
TGS008	35 56.9N	5 45.9W	10/ 4/86	2140Z	287/ 292m	TGS008	-12.12km	-5.75km	5
TGS009	35 56.9N	5 45.6W	10/ 4/86	2222Z	300/ 308m	TGS009	-11.61km	-5.78km	5
TGS010	35 56.6N	5 45.8W	10/ 4/86	2254Z	263/ 277m	TGS010	-12.06km	-6.34km	5
TGS011	35 56.7N	5 45.9W	10/ 4/86	2328Z	282/ 288m	TGS011	-12.08km	-6.11km	5
TGS012	35 56.6N	5 46.2W	11/ 4/86	0Z	246/ 253m	TGS012	-12.55km	-6.32km	5
TGS013	35 56.7N	5 46.2W	11/ 4/86	16Z	262/ 268m	TGS013	-12.58km	-6.10km	5
TGS014	35 56.7N	5 46.0W	11/ 4/86	55Z	276/ 283m	TGS014	-12.32km	-6.14km	5
TGS015	35 56.7N	5 46.4W	11/ 4/86	112Z	262/ 265m	TGS015	-12.82km	-6.14km	5
TGS016	35 56.7N	5 45.7W	11/ 4/86	144Z	284/ 291m	TGS016	-11.84km	-6.02km	5
TGS017	35 56.7N	5 46.5W	11/ 4/86	227Z	236/ 256m	TGS017,	-13.08km	-6.11km	5
TGS018	35 56.7N	5 44.9W	11/ 4/86	345Z	294/ 304m	TGS018,	-10.61km	-6.19km	5
TGS019	35 56.5N	5 45.4W	11/ 4/86	418Z	262/ 272m	TGS019,	-11.33km	-6.43km	5
TGS020	35 56.6N	5 45.0W	11/ 4/86	450Z	271/ 283m	TGS020,	-10.85km	-6.34km	5
TGS021	35 56.5N	5 45.0W	11/ 4/86	519Z	270/ 278m	TGS021	-10.85km	-6.41km	5



Station	Lat	Long	Date	GMT	Depth	Section	E of Tarifa	N of Tarifa	CTD #
WYS001	35 54.0N	5 45.8W	11/ 4/86	727Z	468/ 477m	WYS-1	-12.04km	-11.08km	5
WYS002	35 54.0N	5 45.5W	11/ 4/86	838Z	359/ 369m	WYS-2	-11.57km	-11.05km	5
WYS003	35 53.9N	5 44.6W	11/ 4/86	916Z	211/ 222m	WYS003,	-10.15km	-11.23km	5
WYS004	35 54.7N	5 39.3W	11/ 4/86	948Z	270/ 305m	WYS004,	-2.23km	-9.75km	5
WYS005	35 54.1N	5 43.1W	11/ 4/86	1057Z	322/ 325m	WYSB05	-8.00km	-11.00km	5
WYS006	35 54.0N	5 42.5W	11/ 4/86	1120Z	182/ 192m	WYS006	-7.01km	-11.18km	5
WYS007	35 54.2N	5 42.0W	11/ 4/86	1142Z	357/ 369m	WYS007	-6.28km	-10.80km	5
WYS008	35 54.3N	5 40.3W	11/ 4/86	1211Z	450/ 454m	WYS008	-3.70km	-10.58km	5
WYS009	35 54.5N	5 38.9W	11/ 4/86	1246Z	544/ 548m	WYS-9 D	-1.70km	-10.20km	5

Station	Lat	Long	Date	GMT	Depth	Section	E of Tarifa	N of Tarifa	CTD #
WYY001	35 54.7N	5 39.6W	11/ 4/86	1315Z	541/ 546m	WYY001	-2.64km	-9.90km	5
WYY002	35 54.7N	5 39.1W	11/ 4/86	1347Z	545/ 555m	WYY002	-1.96km	-9.79km	5
WYY003	35 54.5N	5 39.6W	11/ 4/86	1415Z	520/ 527m	WYY003	-2.65km	-10.27km	5
WYY004	35 54.7N	5 39.3W	11/ 4/86	1445Z	562/ 564m	WYY004	-2.23km	-9.75km	5
WYY005	35 54.6N	5 40.0W	11/ 4/86	1515Z	559/ 570m	WYY005	-3.31km	-10.04km	5
WYY006	35 54.7N	5 39.6W	11/ 4/86	1546Z	328/ 534m	WYY006	-2.64km	-9.90km	5
WYY007	35 54.4N	5 39.2W	11/ 4/86	1140Z	328/ 500m	WYY007	-2.17km	-10.39km	5
WYY008	35 54.5N	5 38.9W	11/ 4/86	1623Z	328/ 504m	WYY008	-1.70km	-10.20km	5
WYY009	35 54.5N	5 38.5W	11/ 4/86	1641Z	329/ 540m	WYY009	-1.10km	-10.25km	5
WYY010	35 54.4N	5 38.0W	11/ 4/86	1659Z	328/ 509m	WYY010	-.28km	-10.46km	5
WYY011	35 54.1N	5 37.5W	11/ 4/86	1716Z	325/ 330m	WYY011	.44km	-10.98km	5
WYY012	35 54.0N	5 37.0W	11/ 4/86	1740Z	527/ 532m	WYY012	1.22km	-11.18km	5
WYY013	35 54.7N	5 38.7W	11/ 4/86	1846Z	581/ 593m	WYY013	-1.36km	-9.82km	5

Station	Lat	Long	Date	GMT	Depth	Section	E of Tarifa	N of Tarifa	CTD #
DSN001	35 53.8N	5 44.3W	16/ 4/86	533Z	255/ 267m	DSN001.	-9.70km	-11.42km	5
DSN002	35 53.9N	5 44.3W	16/ 4/86	553Z	232/ 247m	DSN-2	-9.69km	-11.27km	5
DSN003	35 54.0N	5 44.2W	16/ 4/86	609Z	235/ 246m	DSN003.	-9.67km	-11.09km	5
DSN004	35 54.1N	5 44.1W	16/ 4/86	628Z	263/ 271m	DSN-4	-9.48km	-10.85km	5
DSN005	35 54.3N	5 43.7W	16/ 4/86	647Z	233/ 242m	DSN-5	-8.92km	-10.52km	5
DSN006	35 54.1N	5 43.8W	16/ 4/86	715Z	300/ 275m	DSN-6	-9.01km	-10.99km	5
DSN007	35 54.1N	5 43.7W	16/ 4/86	736Z	228/ 238m	DSN-7	-8.85km	-11.02km	5
DSN008	35 54.0N	5 43.8W	16/ 4/86	751Z	259/ 266m	DSN-8	-9.04km	-11.18km	5
DSN009	35 53.9N	5 43.9W	16/ 4/86	806Z	312/ 319m	DSN-9	-9.07km	-11.36km	5
DSN010	35 53.8N	5 43.5W	16/ 4/86	824Z	190/ 200m	DSN-10	-8.61km	-11.41km	5
DSN011	35 54.0N	5 43.7W	16/ 4/86	852Z	225/ 235m	DSN011	-8.86km	-11.06km	5
DSN012	35 53.8N	5 43.6W	16/ 4/86	1048Z	203/ 210m	DSN012	-8.62km	-11.45km	5
DSN013	35 54.3N	5 43.1W	16/ 4/86	1105Z	258/ 268m	DSN013	-7.89km	-10.61km	5
DSN014	35 54.0N	5 43.5W	16/ 4/86	1145Z	262/ 267m	DSN014	-8.55km	-11.16km	5
DSN015	35 53.7N	5 43.4W	16/ 4/86	1211Z	185/ 188m	DSN015	-8.35km	-11.63km	5
DSN016	35 54.1N	5 43.5W	16/ 4/86	1230Z	247/ 253m	DSN016	-8.49km	-10.91km	5
DSN017	35 54.2N	5 43.6W	16/ 4/86	1250Z	260/ 272m	DSN017	-8.64km	-10.80km	5
DSN018	35 54.2N	5 43.3W	16/ 4/86	1305Z	226/ 238m	DSN018	-8.30km	-10.80km	5
DSN019	35 53.9N	5 43.7W	16/ 4/86	1320Z	249/ 259m	DSN019	-8.89km	-11.20km	5
DSN020	35 54.1N	5 43.5W	16/ 4/86	1341Z	239/ 251m	DSN020	-8.52km	-11.02km	5
DSN021	35 54.0N	5 43.7W	16/ 4/86	1356Z	232/ 239m	DSN021	-8.87km	-11.13km	5
DSN022	35 54.0N	5 43.5W	16/ 4/86	1416Z	222/ 229m	DSN022	-8.53km	-11.09km	5
DSN023	35 53.9N	5 43.6W	16/ 4/86	1435Z	301/ 306m	DSN023	-8.76km	-11.38km	5
DSN024	35 53.8N	5 43.6W	19/ 4/86	1455Z	240/ 252m	DSN024	-8.63km	-11.52km	5
DSN025	35 53.8N	5 43.7W	16/ 4/86	1510Z	280/ 292m	DSN025	-8.78km	-11.49km	5
DSN026	35 53.9N	5 43.7W	16/ 4/86	1545Z	289/ 294m	DSN026	-8.92km	-11.39km	5

### a) Acquisition

All data described in this report were taken using a NBIS Mark III fish with a separately digitized fast-response thermistor, and an SIO-designed and fabricated deck unit which converts the audio FSK signal into a digital data stream. The digital data is then read by an IBM 9000 computer in real time, is framed and stored on floppy disks. Minimal real time processing is conducted, due to timing constraints on the computer, but subsampled raw scans are scaled and printed to a line printer for check purposes. The subsampled data is also plotted in real time on the screen. The acquisition program does check for timing errors (time is a variable in the data stream) and gaps in the incoming data, as well as for input buffer overflows.

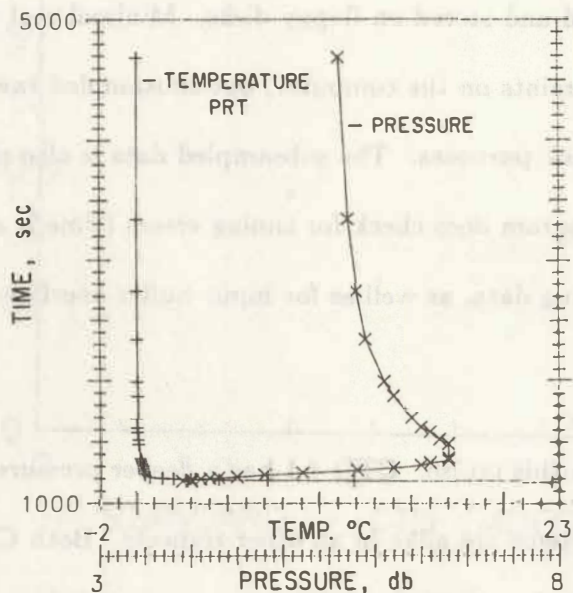
### b) Calibration

Two CTDs were taken on this cruise. CTD # 1 has a deeper pressure range (6000 m) than CTD # 3 (1500 m), but the systems are alike in all other respects. Both CTDs were used; however, during the course of the cruise the fast response thermistor (FRT) on CTD # 1 failed and, somewhat later, the conductivity cell on CTD # 3 was broken. As a result, a hybrid third fish was put together using the functioning parts of both CTD # 1 and CTD # 3, and given the number 5. CTD # 5 consisted of the electronics, pressure gauge, PRT (platinum resistance thermometer), and FRT of fish # 3, and the conductivity cell from CTD # 1. CTD # 5 was used for all stations taken after GB1105 (6 April 86).

Laboratory calibrations of pressure and PRT were made both before and after the cruise for CTD # 1 and CTD # 3; those for CTD # 3 also apply to CTD # 5. Salinity is calibrated at sea using rosette check samples. The laboratory calibration results are shown in Figures 2 and 3. Over the ranges in pressure and temperature found in these data, the error in PRT is less than  $\pm .002$  deg C; hysteresis errors are of order  $\pm 2$  db. Both pressure sensors have an offset. That is, both register a non-zero pressure at the surface. This offset is -4.5 db for CTD # 3 and -16.0 db for CTD # 1. This is the only correction applied to the raw data for pressure and PRT errors.



BRAY CTD #3 THERMAL SHOCK 27 FEB 85



BRAY CTD #3, PRT CALIB. 1 OCT 85

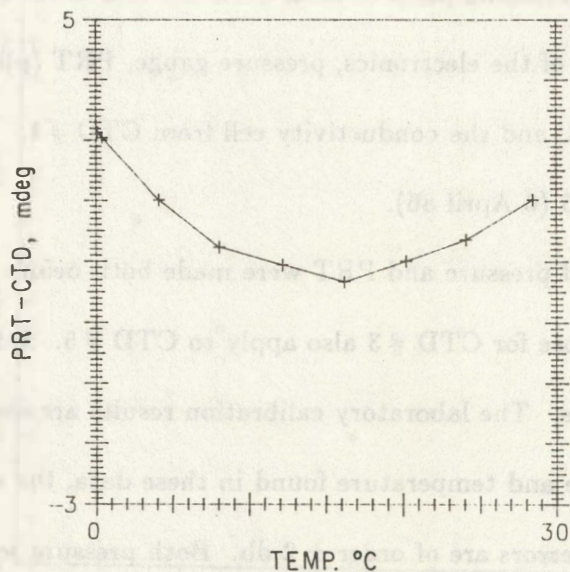


Figure 2a. Pre cruise PRT Calibrations

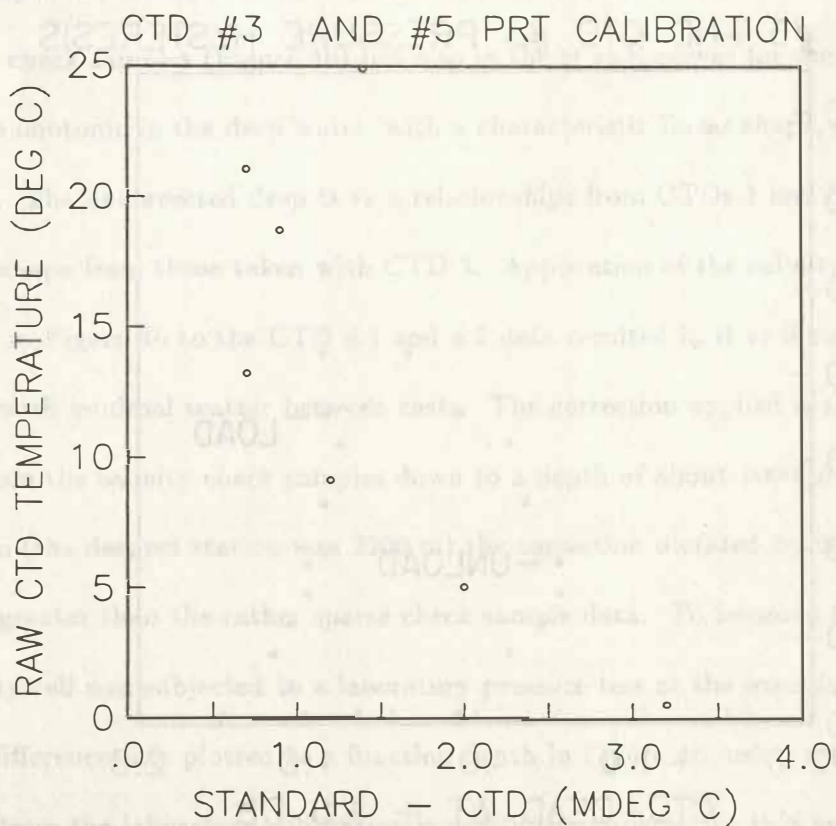
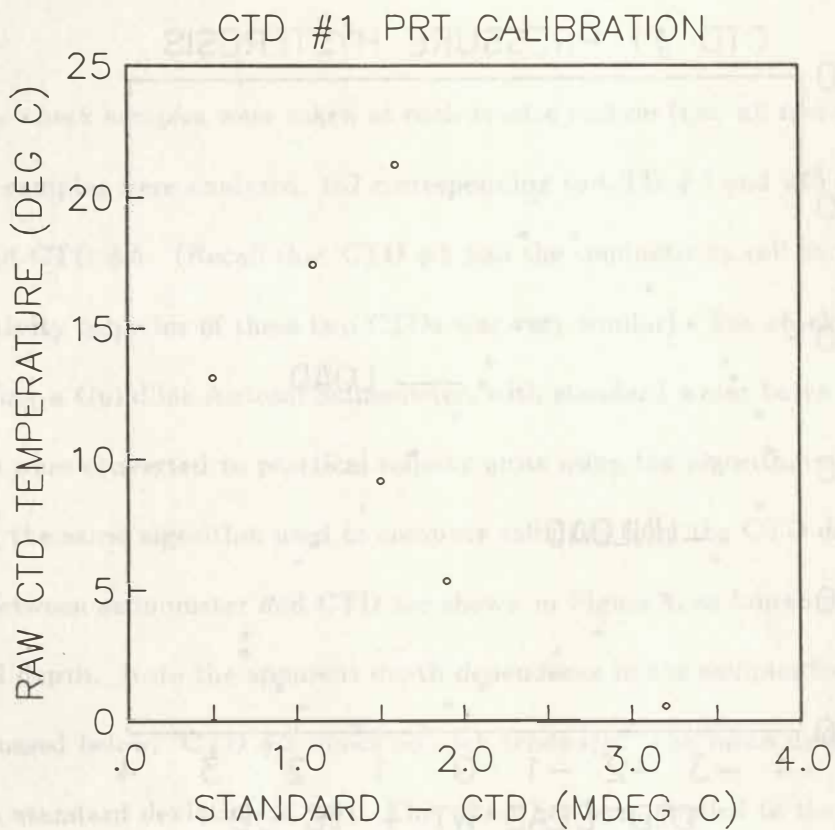


Figure 2b. Post cruise PRT Calibrations



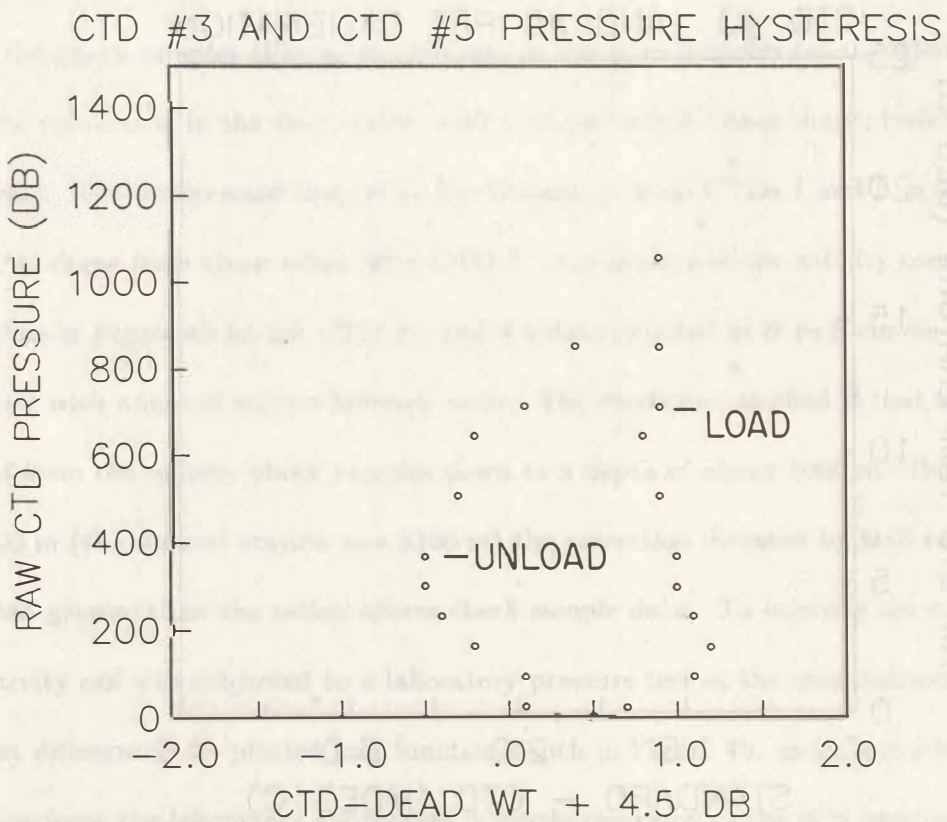
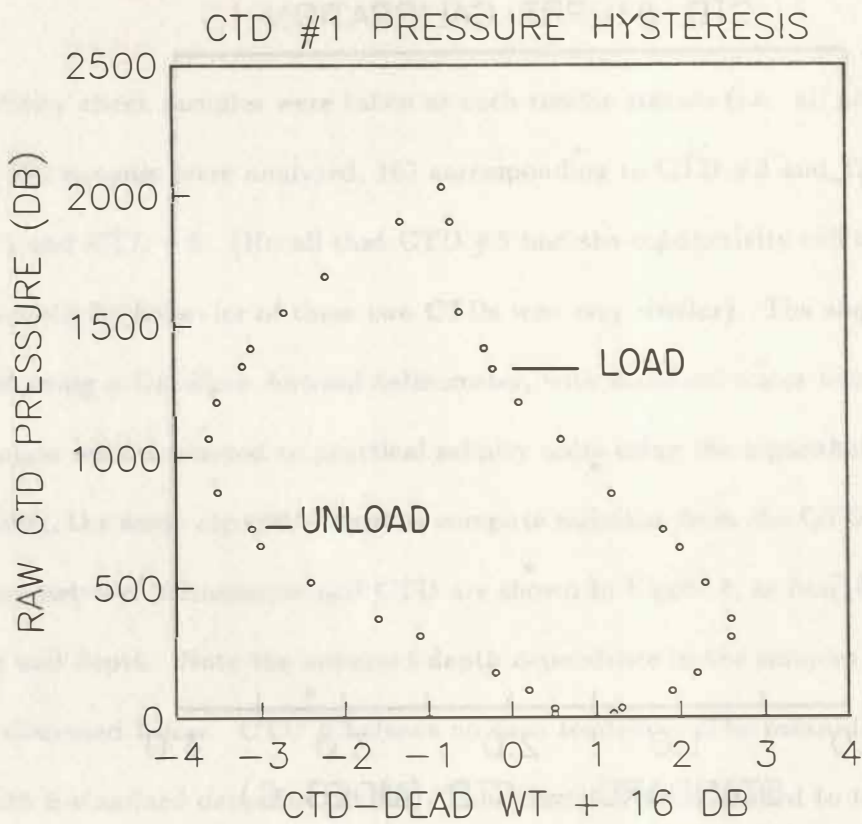


Figure 3. Pressure Sensor Hysteresis

Salinity check samples were taken at each rosette station (i.e. all non-yoyo stations). A total of 392 samples were analyzed, 167 corresponding to CTD # 3 and 225 corresponding to CTD # 1 and CTD # 5. (Recall that CTD # 5 had the conductivity cell and card from CTD # 1; conductivity behavior of these two CTDs was very similar). The check samples were analyzed using a Guildline Autosal Salinometer, with standard water batch P-96. The conductivity ratios were converted to practical salinity units using the algorithm of Fofonoff and Millard (1983), the same algorithm used to compute salinities from the CTD data. Plots of salinity difference between salinometer and CTD are shown in Figure 4, as functions of both station number and depth. Note the apparent depth dependence in the samples from CTDs 1 and 5. This is discussed below. CTD # 3 shows no such tendency. The mean difference for CTD # 3 is .014, with a standard deviation of .004. This offset has been applied to the processed data.

The depth dependence of the conductivity cell used in CTD # 1 and # 5 was evident not only in the check samples (Figure 4b) but also in the  $\Theta$  vs S curves for the Alboran Sea, which should be monotonic in the deep water, with a characteristic linear shape, (refer to section on  $\Theta/S$  plots). The uncorrected deep  $\Theta$  vs S relationships from CTDs 1 and 5 in the Alboran Sea differed in shape from those taken with CTD 3. Application of the salinity correction shown as a solid line in Figure 4b to the CTD # 1 and # 5 data resulted in  $\Theta$  vs S curves with the correct shape and with minimal scatter between casts. The correction applied is that which would be deduced from the salinity check samples down to a depth of about 1000 m. Between 1000 m and 2500 m (the deepest station was 2200 m) the correction dictated by  $\Theta/S$  comparisons is somewhat greater than the rather sparse check sample data. To improve the correction, the conductivity cell was subjected to a laboratory pressure test at the manufacturer's facility. The resultant differences are plotted as a function depth in Figure 4b, using asterisks. Again, the correction from the laboratory calibration is nearly the same as the  $\Theta/S$  comparison and the



### SALINOMETER - CTD (PSU)

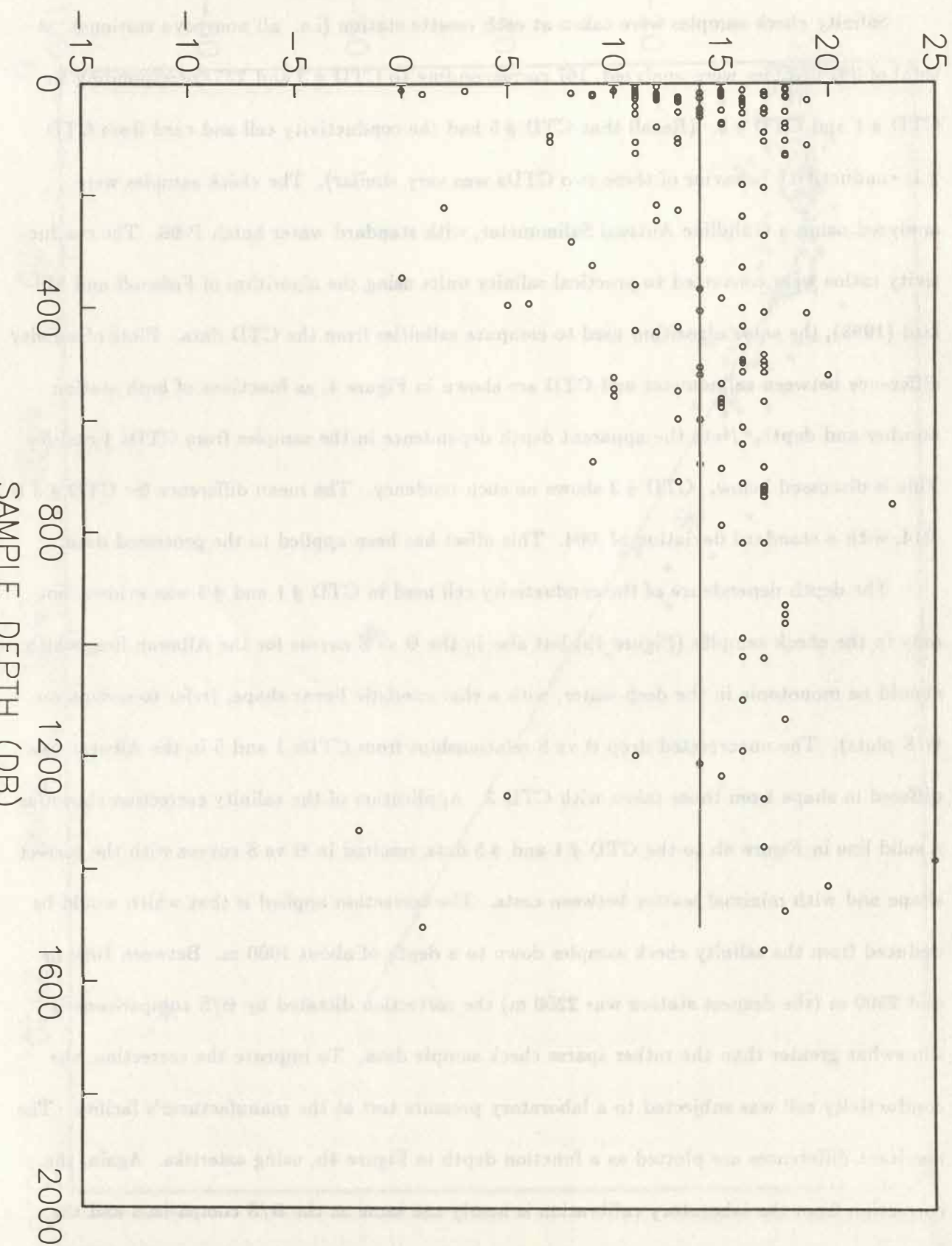


Figure 4a. CTD #3 Salinity check samples and correction applied (solid line).

## SALINOMETER — CTD (PSU)

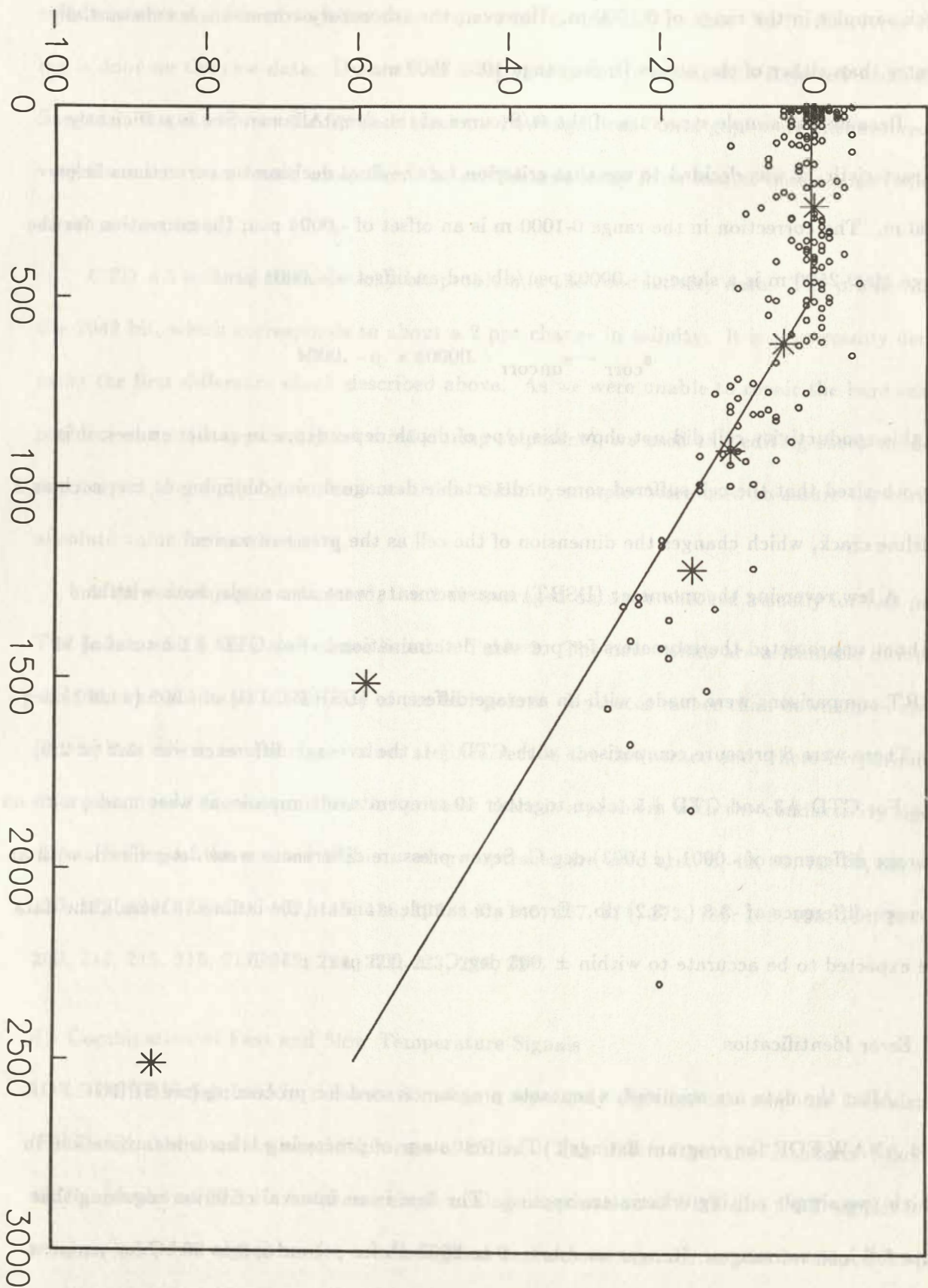


Figure 4b. CTD # 1, # 5 Salinity check samples, laboratory post cruise calibration (\*), and correction applied (solid line).



check samples in the range of 0-1000 m. However, the laboratory correction is substantially greater than either of the others in the range 1000-2500 m.

Because the simple structure of the  $\Theta/S$  curve of the deep Alboran Sea is sufficiently characteristic, it was decided to use that criterion for the final decision on corrections below 1000 m. The correction in the range 0-1000 m is an offset of  $-.0004$  psu; the correction for the range 1000-2500 m is a slope of  $-.00003$  psu/db and an offset of  $-.0004$  psu:

$$s_{\text{corr}} = s_{\text{uncorr}} - .00003 \times p - .0004$$

As this conductivity cell did not show this type of depth dependence in earlier cruises, it is hypothesized that the cell suffered some undetectable damage during shipping or use, such as a hairline crack, which changes the dimension of the cell as the pressure varies.

A few reversing thermometer (DSRT) measurements were also made, both with and without unprotected thermometers for pressure determinations. For CTD #1 a total of 11 DSRT comparisons were made, with an average difference (DSRT-CTD) of  $-.002$  ( $\pm .003$ ) deg C. There were 8 pressure comparisons with CTD #1; the average difference was  $-3.2$  ( $\pm 2.9$ ) db. For CTD #3 and CTD #5 taken together 10 temperature comparisons were made, with an average difference of  $-.0001$  ( $\pm .003$ ) deg C. Seven pressure differences were determined, with an average difference of  $-3.8$  ( $\pm 3.2$ ) db. Errors are sample standard deviations. Overall, the data are expected to be accurate to within  $\pm .005$  deg C,  $\pm .005$  psu,  $\pm 5$  db.

### c) Error Identification

After the data are acquired, a separate program is used for processing (see SPROC.FOR and ANAW.FOR for program listings). The first stage of processing is error identification, in which two simple editing criteria are applied. The first is an interval criterion requiring that data fall into set ranges. Ranges used are: 0 to 2000 db for pressure, 0 to  $30^\circ$  C for temperature, and 30 to 70 mmho for conductivity. In addition, the first differences (scan to scan) of the

raw data are constrained to fall within .5 db, 0.10 ° C and 0.20 mmho. No further error checking is done on the raw data. Data which is rejected is not interpolated. Rejected scans are flagged in a special error file for each station. Few significant data gaps were encountered, and very few errors were found away from the surface and away from rosette bottle trips (where errors are expected).

CTD # 3 suffered from a sticky bit problem in the conductivity data. The problem bit was the 2048 bit, which corresponds to about a 2 ppt change in salinity. It is thus readily detected using the first difference check described above. As we were unable to repair the hardware problem at sea (it apparently occurred during shipment), we used this editing check to identify and correct the sticky bit when it occurred. Salinity samples were used to assure the correct absolute value for conductivity.

After processing is completed, the 2 db averaged data are checked visually for bad points. The points which were altered are listed in Table 2. The new values are arithmetic interpolations between points on either side of the bad points. Uptraces rather than downtraces appear for stations where near surface values are incorrect in the downtrace and where irreparable errors occurred. In most of these latter cases there is a problem with the conductivity signal, due to fouling of the sensor. Stations where uptraces are used are: 6, 40, 69, 70, 79, 84, 86, 102, 120, 122, 124, 130, 131, 132, 135, 136, 137, 143, 146, 167, 174, 175, 186, 188, 198, 199, 201, 208, 209, 213, 215, 216, 217, 218, 221, 222, 223, 226, 227.

#### d) Combination of Fast and Slow Temperature Signals

The NBIS fish used in these stations has a separately digitized fast response thermistor (FRT) signal and a data acquisition rate of 25 Hz. (This differs from the 'standard' Mark III, which samples at 32.5 Hz but has a single analog combination of FRT and PRT signals for temperature). A new algorithm for combining fast and slow temperatures was developed for processing these data [Bray, 1986].



Table 2. Interpolated Points

Station	Pres	Original		Interpolated		Comment
		T	S	T	S	
b1027	58.	14.558	35.990			
b1046	1508.	7.589	36.062	7.000	36.024	
b1046	1510.	7.898	35.730	7.918	35.768	
b1049	1506.	.000	.000	7.891	35.764	
b1049	1508.	.000	.000	7.916	35.769	gap in data
b1049	1510.	.000	.000	7.900	35.766	
b1049	1512.	.000	.000	7.884	35.763	
b1049	1514.	.000	.000	7.868	35.760	
b1049	1516.	.000	.000	7.852	35.757	
b1069	214.	13.231	36.847	7.836	35.754	
b1069	216.	13.220	36.890	.000	36.839	
b1069	242.	13.256	37.249	.000	36.846	
b1069	244.	13.242	37.219	.000	37.244	
b1047	1482.	8.183	35.830	.000	37.256	
b1047	1484.	7.095	36.723	8.101	35.772	
b1080	764.	11.539	35.899	8.156	35.728	
b1089	278.	13.404	37.240	11.587	35.938	
b1091	74.	.000	.000	.000	37.308	
b1109	88.	14.110	36.903	15.342	36.200	gap in data
b1112	178.	13.680	37.744	.000	37.373	
b1113	282.	.000	.000	13.644	37.775	
b1113	284.	.000	.000	13.048	38.425	gap in data
b1113	286.	.000	.000	13.047	38.426	
b1113	288.	.000	.000	13.046	38.427	
b1113	290.	.000	.000	13.045	38.428	
b1122	478.	13.104	38.339	13.044	38.429	
b1141	102.	13.563	37.639	13.123	38.308	
b1141	104.	13.596	37.603	13.576	37.624	
b1141	106.	13.631	37.565	13.542	37.660	
b1163	204.	.000	.000	13.508	37.702	
b1164	970.	.000	.000	13.416	37.972	
b1164	1170.	12.960	38.443	12.948	38.441	
b1173	276.	.000	.000	12.960	38.443	
b1188	452.	12.997	38.477	13.085	38.440	
dss004	8.	15.180	36.235	.000	38.446	
dss004	10.	15.186	36.230	15.182	36.232	uptrace
dss004	16.	15.361	36.204	15.180	36.232	
dss004	20.	15.265	36.203	15.197	36.248	
dss005	80.	.000	35.801	15.198	36.241	
dss006	12.	14.905	36.482	.000	36.137	uptrace
dss007	20.	14.109	37.147	15.047	36.367	
dss007	22.	14.343	36.910	14.223	37.033	uptrace
dss007	122.	14.951	36.425	14.188	37.065	
dss008	176.	12.984	38.395	14.906	36.455	
dss009	136.	14.213	37.055	12.935	38.423	
dss020	62.	15.367	36.272	14.335	36.941	uptrace
dss020	80.	.000	.000	15.449	36.222	
s009	82.	14.474	36.681	15.393	36.210	
s017	194.	13.408	37.989	14.805	36.379	
wyy003	186.	.000	.000	13.584	37.796	uptrace
wyy003	188.	.000	.000	13.095	38.351	gap in data
wyy003	190.	.000	.000	13.091	38.352	
wyy003	192.	.000	.000	13.088	38.353	
wyy003	194.	.000	.000	13.085	38.354	
wyy003	196.	.000	.000	13.082	38.356	
wyy003	198.	.000	.000	13.079	38.357	
wyy007	32.	14.785	36.758	13.076	38.359	
y007	34.	14.995	36.572	14.841	36.708	
y011	278.	.000	.000	14.840	36.709	
wyy011	280.	.000	.000	12.988	38.367	uptrace--gap
wyy011	282.	.000	.000	12.989	38.376	
wyy011	284.	.000	.000	12.980	38.386	
wyy011	286.	.000	.000	12.972	38.396	
n021	166.	13.416	37.850	12.963	38.405	
dsn021	164.	13.275	38.021	13.154	38.158	uptrace
dsn022	130.	14.056	36.730	13.174	38.136	
dsn022	134.	13.626	37.471	13.815	37.145	uptrace
dsn022	132.	13.474	37.712	13.448	37.749	
				13.449	37.747	

Conceptually, the processing problem is the following. The FRT, with a response time of about 80 msec, contains most of the high frequency variance of the true temperature. However, the FRT is not a stable absolute temperature measurement, in that it is a strong function of pressure and temperature. The PRT, on the other hand, is extremely stable, but, with a response time of 270 msec, blurs the true temperature signal over several scans of CTD data (one data scan is 40 msec). Ideally, we would like to combine the stability of the PRT and the high frequency information of the FRT.

The new algorithm is a simple boxcar filter applied to both the PRT and FRT. It is a centered running mean filter with 2300 points, corresponding to 92 seconds or 92 m at a lowering rate of 60 m/min. The filter is applied to the time series data after error checking. The combined temperature  $T_c$  is then estimated by

$$T_c(t) = \langle T_s \rangle(t) - \langle T_f \rangle(t) + T_f(t)$$

where subscripts are  $s$  for slow and  $f$  for fast, and  $\langle \rangle$  indicate filtered data. The subroutine which does this calculation is called FAST2. The length of the filter is critical to the success of the algorithm; filters shorter than 1500 points are inferior for subsequent salinity calculations. This is apparently due to the relatively long time scale of the FRT drift. However, little difference was seen in the salinity calculations done using 1500 points and 2300 points.

Because the FRT failed on CTD # 1, those stations were processed using only the lag correction described below with a lag of 8 scans. The processed data are visibly noisier than those from CTD # 3 and CTD # 5 but are certainly usable. (This problem did not occur in the CTD # 5 data, as the PRT and FRT in CTD # 5 were those of CTD # 3).

#### e) Lag Correction and Salinity Calculations

After the PRT and FRT signals are combined, spectral analyses indicate that there is still a lag of about 2 data scans between the combined temperature and the conductivity signal.

This is corrected using a scheme similar to that developed by Horne and Toole (1980). In that approach, filters are constructed for pressure, temperature and conductivity according to theoretical descriptions of sensor response as a function of time. Weights used in these filters are given in Table 3. A separate program called ANAW.FOR is used to compute three sets of filter weights which are applied to pressure, temperature and conductivity. Details of the lag correction scheme are given in Bray (1986). Salinity is calculated from lagged temperature and filtered pressure and conductivity using the subroutine SAL78 (Fofonoff and Millard, 1983) for practical salinity.

#### f) Pressure Averaging.

After lag correction and salinity calculation, the data are accumulated in 2 db bins ( $\pm 1$  db about even pressures, starting with 2 db, or the shallowest even pressure deeper than 2 db) and averaged to form an even 2 db series. All data within the range is averaged; no data are discarded. For a uniform lowering rate of 60 m/min, this involves about 2 seconds of data per bin, or 50 data scans. Near the top and bottom of the cast more points are included. Pressure averaging is done in subroutine PRSORT.

### 3. Data Display Notes

The 2 db data series are plotted on the following pages. All points in the series are plotted, but only subsampled 'standard' depth data are listed.

\*\*\*\*\*

**Important:** Temperature traces (in degrees C) are bold solid lines, salinity traces (in practical salinity units) are light solid lines and  $\sigma_{\theta}$  traces are dots (actual data points).

\*\*\*\*\*



Table 3. Lag Correction Filter Weights

N	temperature weight	conductivity weight	pressure weight
1	-.0357	-.0048	.0064
2	.0041	.0075	-.0023
3	.0239	.0008	-.0084
4	-.0058	-.0089	-.0032
5	-.0368	.0046	.0075
6	.0424	.0077	.0092
7	.0063	-.0105	-.0029
8	-.0456	-.0037	-.0147
9	.0044	.0183	-.0065
10	.0875	-.0093	.0177
11	-.0982	-.0222	.0252
12	-.0597	.0375	-.0161
13	.2605	.0087	-.0682
14	-.1280	-.1200	.0008
15	-1.0870	.2404	.2967
16	.7074	.7074	.5177
17	1.5679	.2404	.2967
18	-.1120	-.1200	.0008
19	-.2431	.0087	-.0682
20	.1348	.0375	-.0161
21	.0539	-.0222	.0252
22	-.1062	-.0093	.0177
23	.0323	.0183	-.0065
24	.0383	-.0037	-.0147
25	-.0273	-.0105	-.0029
26	-.0271	.0077	.0092
27	.0460	.0046	.0075
28	-.0120	-.0089	-.0032
29	-.0222	.0008	-.0084
30	.0109	.0075	-.0023
31	.0262	-.0048	.0064

Station header information is also listed on each page. It is mostly self-explanatory, but the following may be of interpretative help. Across the top of each page are: station sequential number, latitude, longitude, date, hour (GMT), cast depth (in db) and water depth in meters, corrected for depth of hull transducer, but not for sound speed variations.

Below the plot is ancillary header information: the year day with decimal (GMT) time; sea surface temperature, air temperature and relative humidity; wind speed in kt, and CTD identification number. The next two lines are comments. The first of these is entered at the processing stage. It includes header processing date and the source of position information. To the right of this comment is the station position relative to Tarifa ( $36^{\circ}$  N,  $5.63^{\circ}$  W), in km east and km north. The second comment is the original comment entered at the time of acquisition. The first 8 characters of this comment identify the section location of the station.

#### **4. Potential Temperature vs Salinity Diagrams**

A composite  $\Theta$  vs  $S$  diagram is presented for each section (I - XI) of the large-scale survey, for each occupation (spring and neap tides) of the Strait Sections (K1 to K6) and for each yoyo time series. Inset maps on each plot show the section locations.

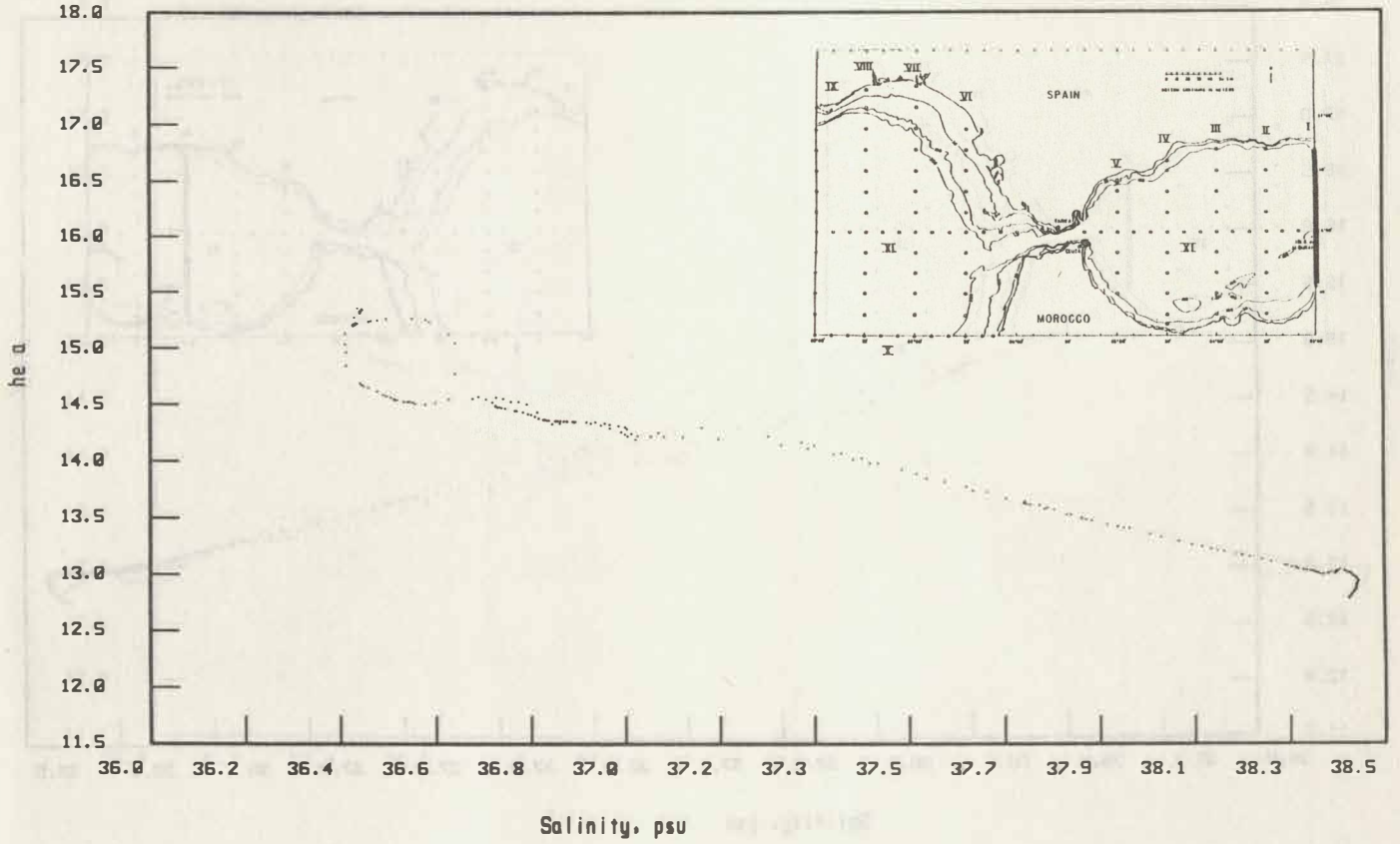
## References

- Bray, N. A., 1986: Salinity calculation techniques for separately digitized fast response and platinum resistance CTD temperature sensors. (submitted to *Deep Sea Research*).
- Fofonoff, N. P. and R. C. Millard, 1983: Algorithms for computation of fundamental properties of seawater. UNESCO Technical Papers in *Marine Science*, 44, 53 p.
- Horne, E. P. W. and J. M. Toole, 1980: Sensor response mismatches and lag correction techniques for temperature-salinity profilers. *J. Phys. Oceanogr.*, 10, 1122-1130.

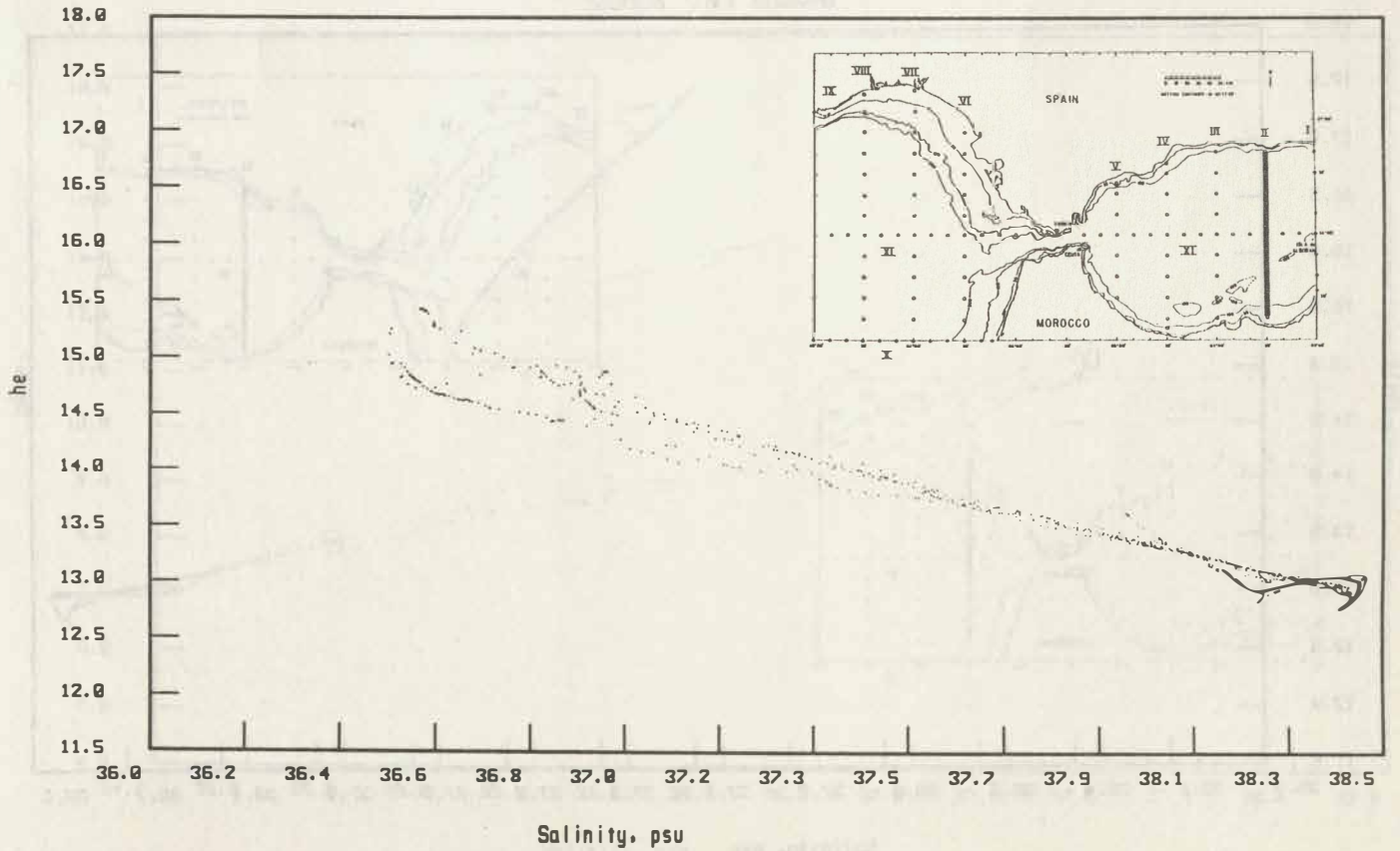


Potential Temperature vs. Salinity Diagrams

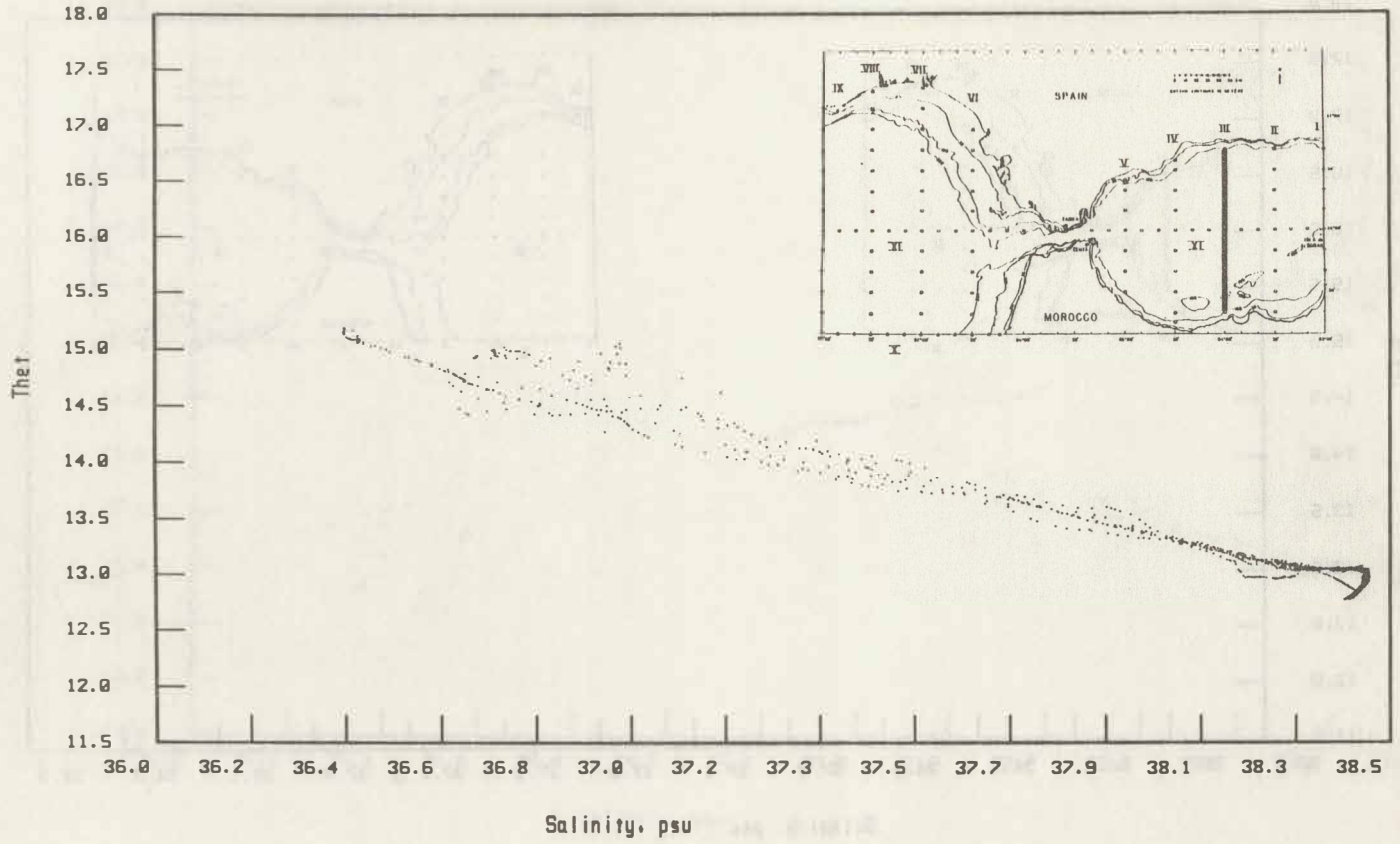
Section I (stations 1 and 2 only)



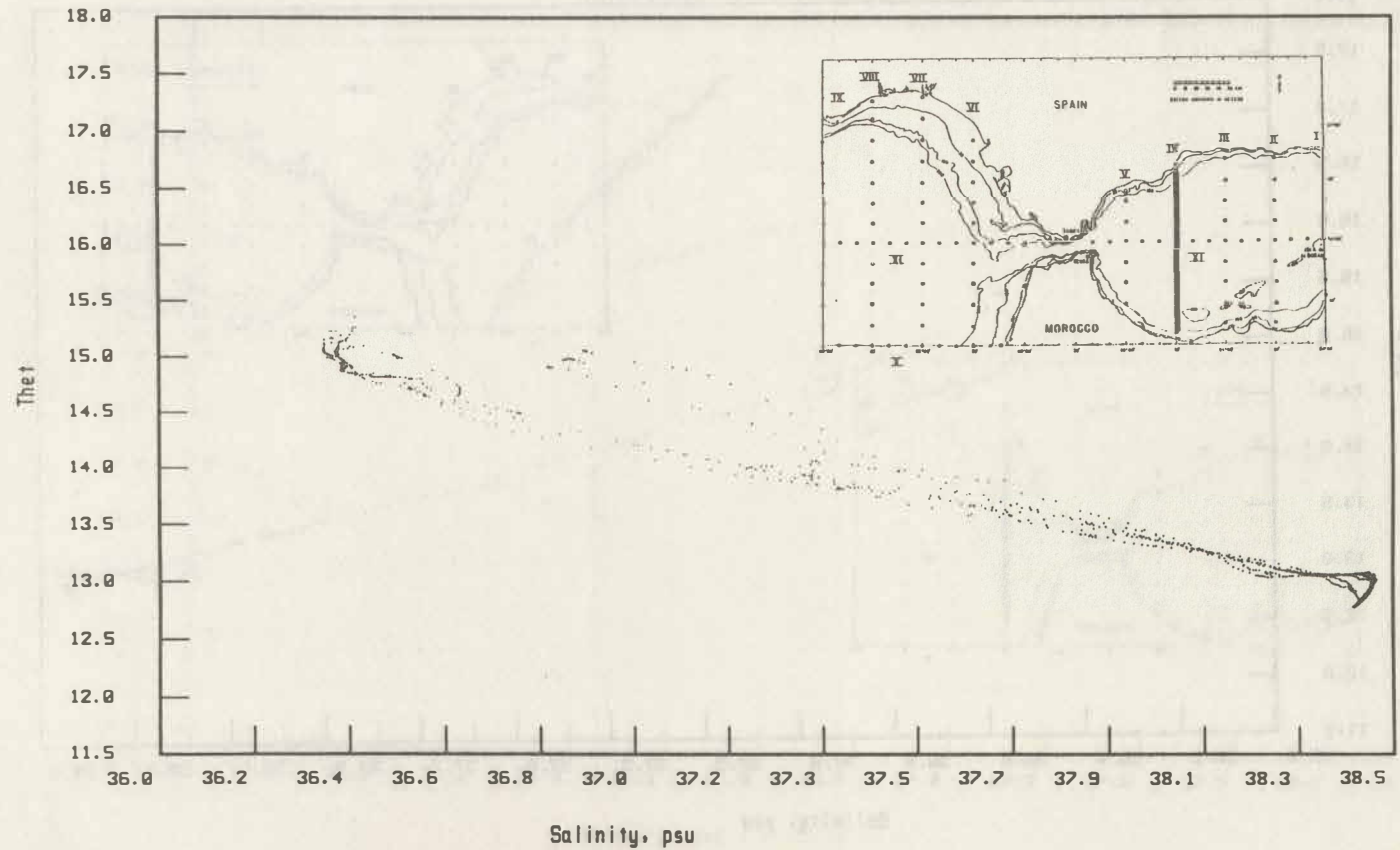
Section II



Section III

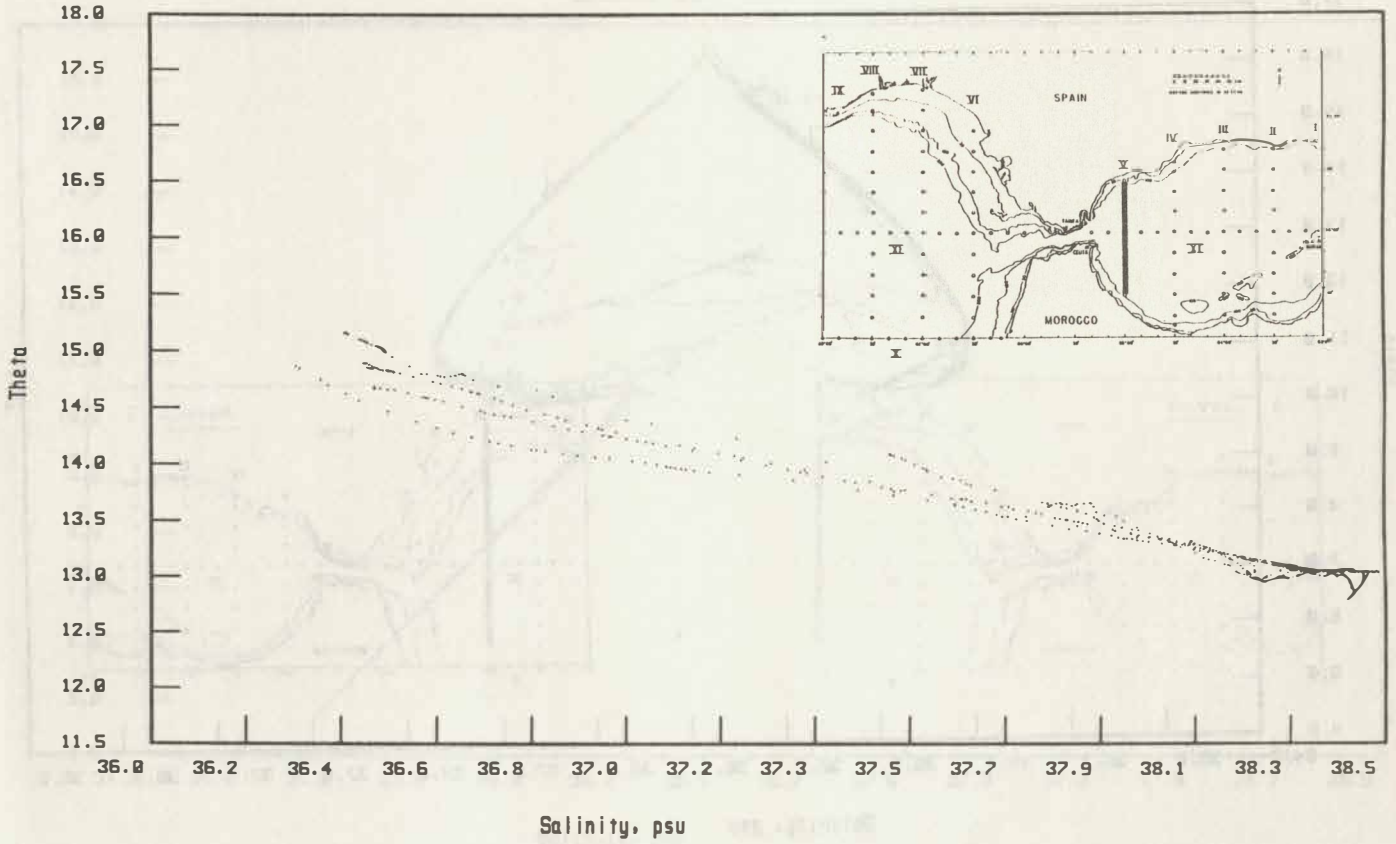


Section IV

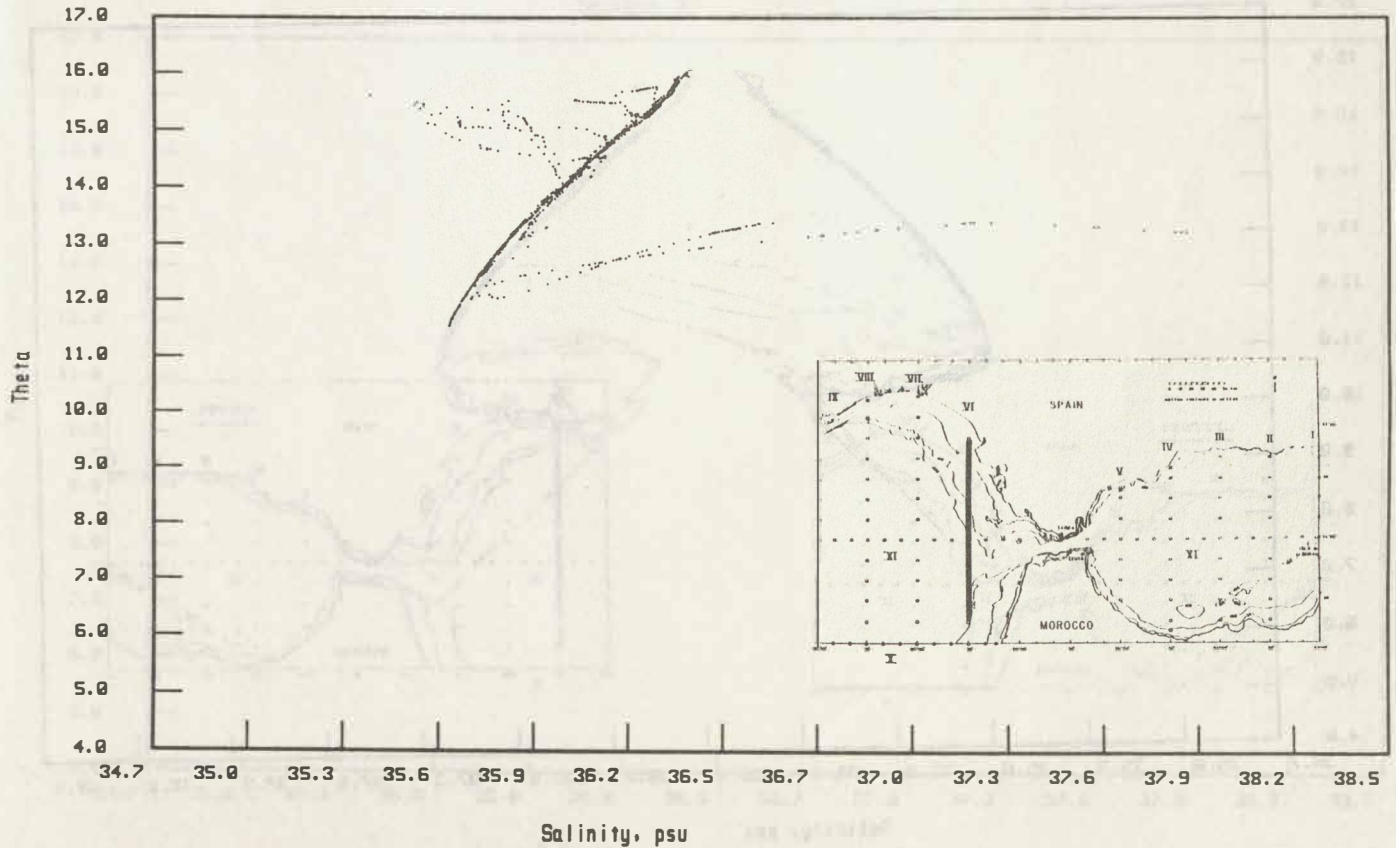




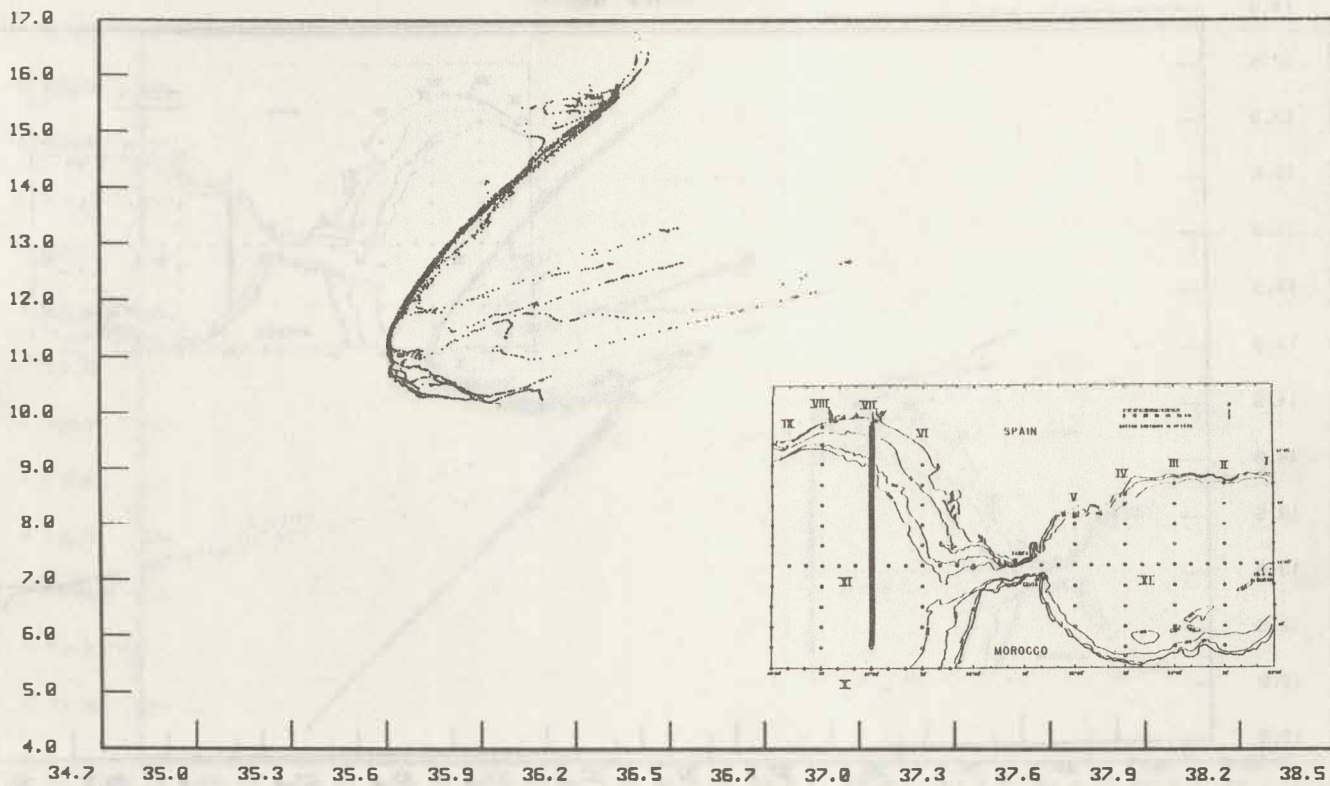
Section V



Section VI

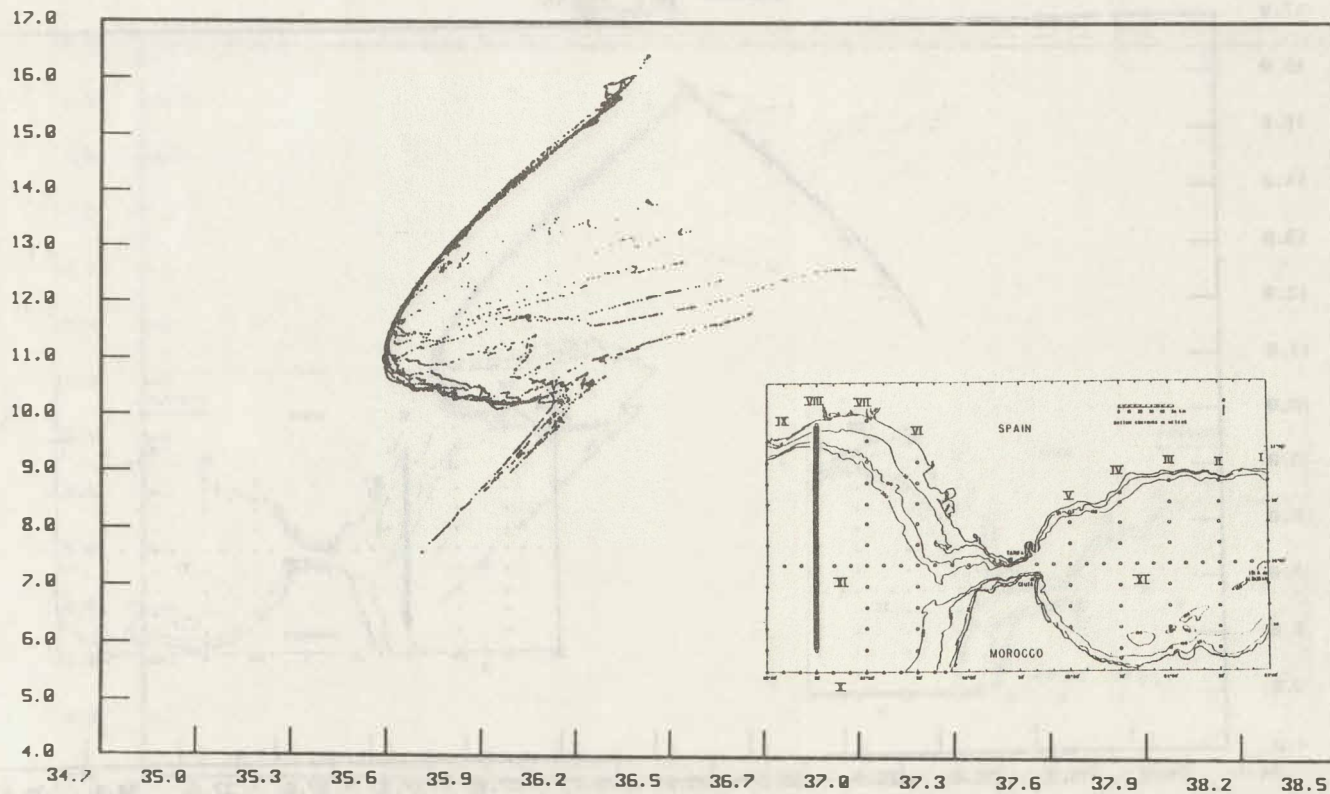


Section VII



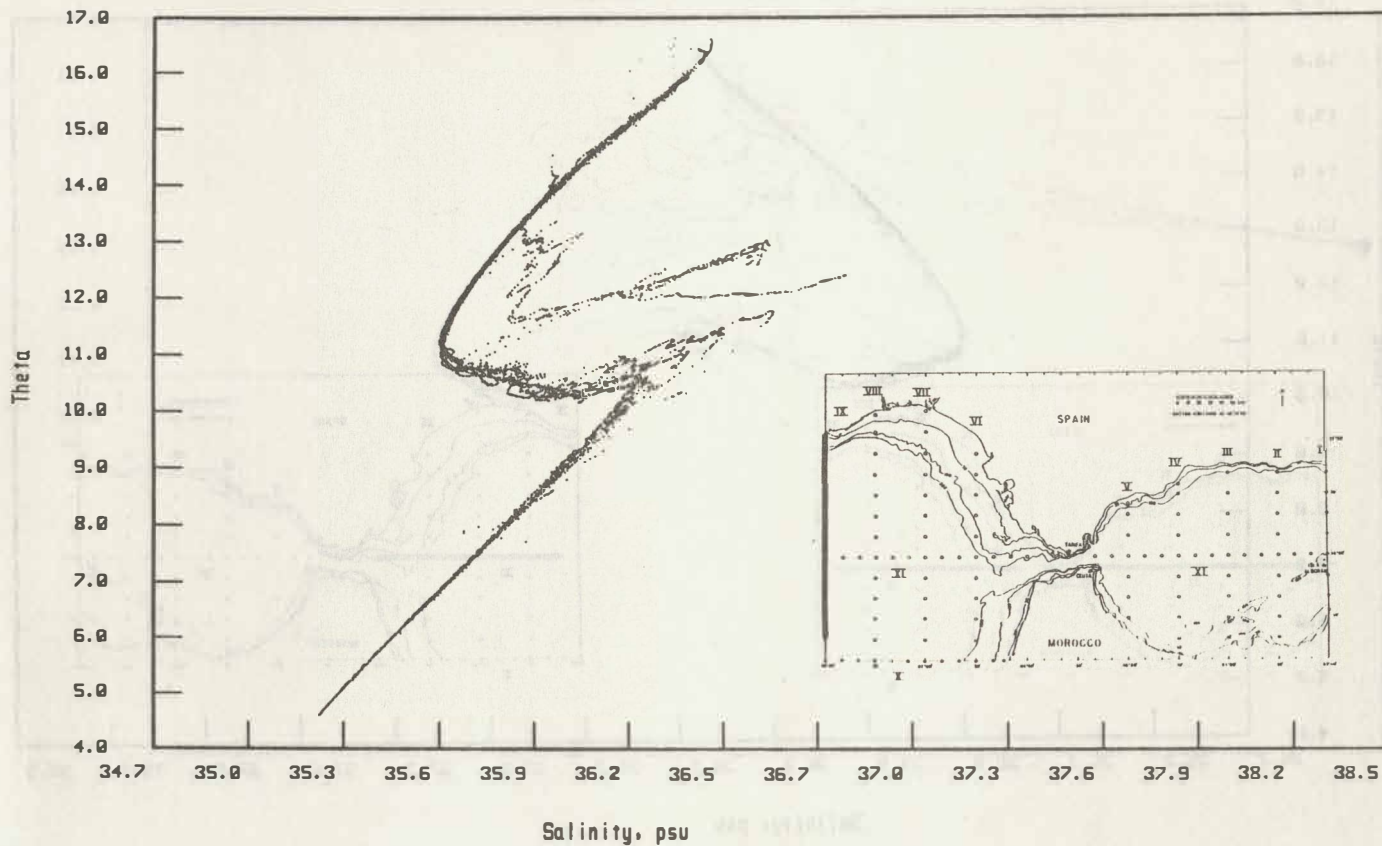
Salinity, psu

Section VIII

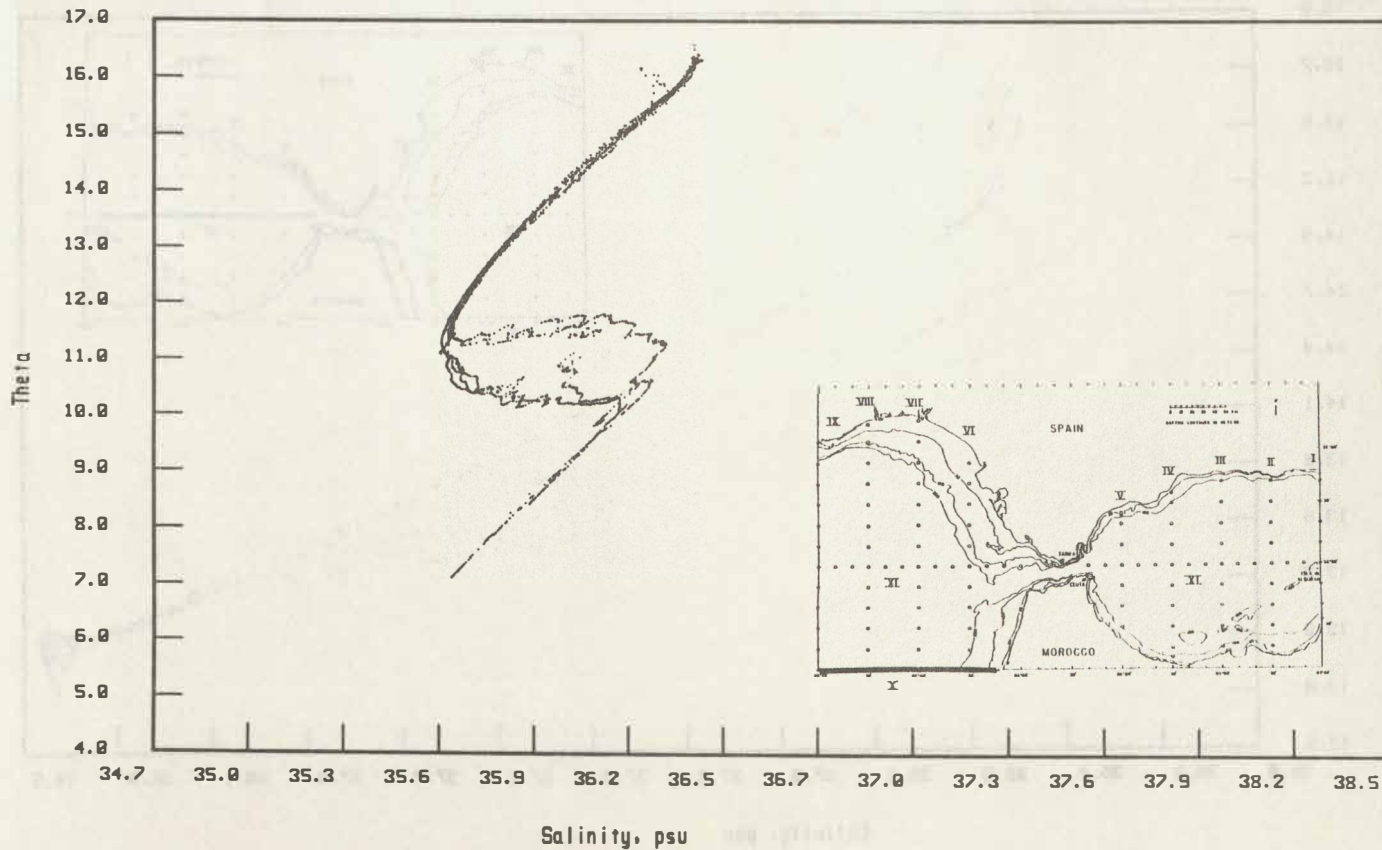


Salinity, psu

Section IX

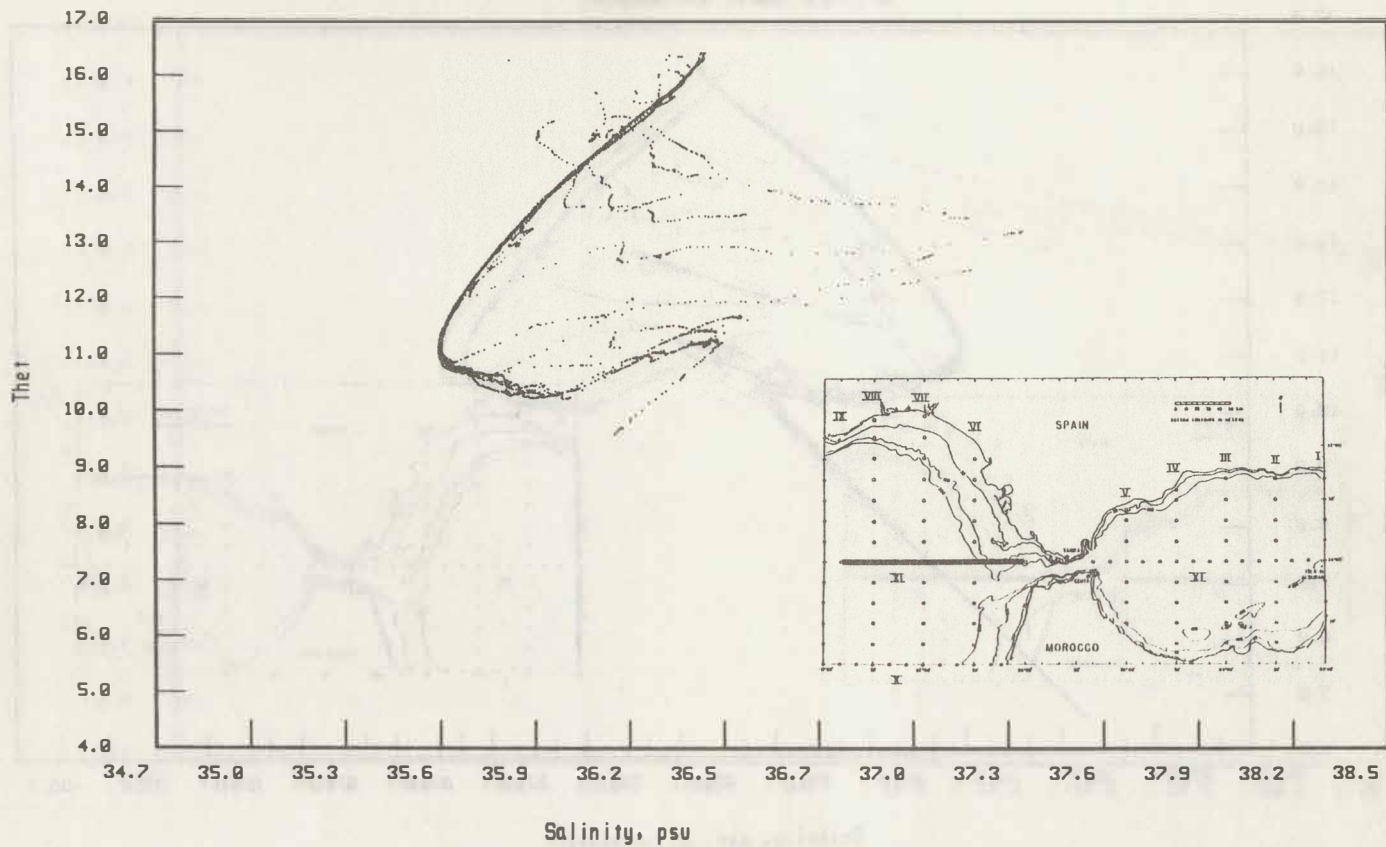


Section X



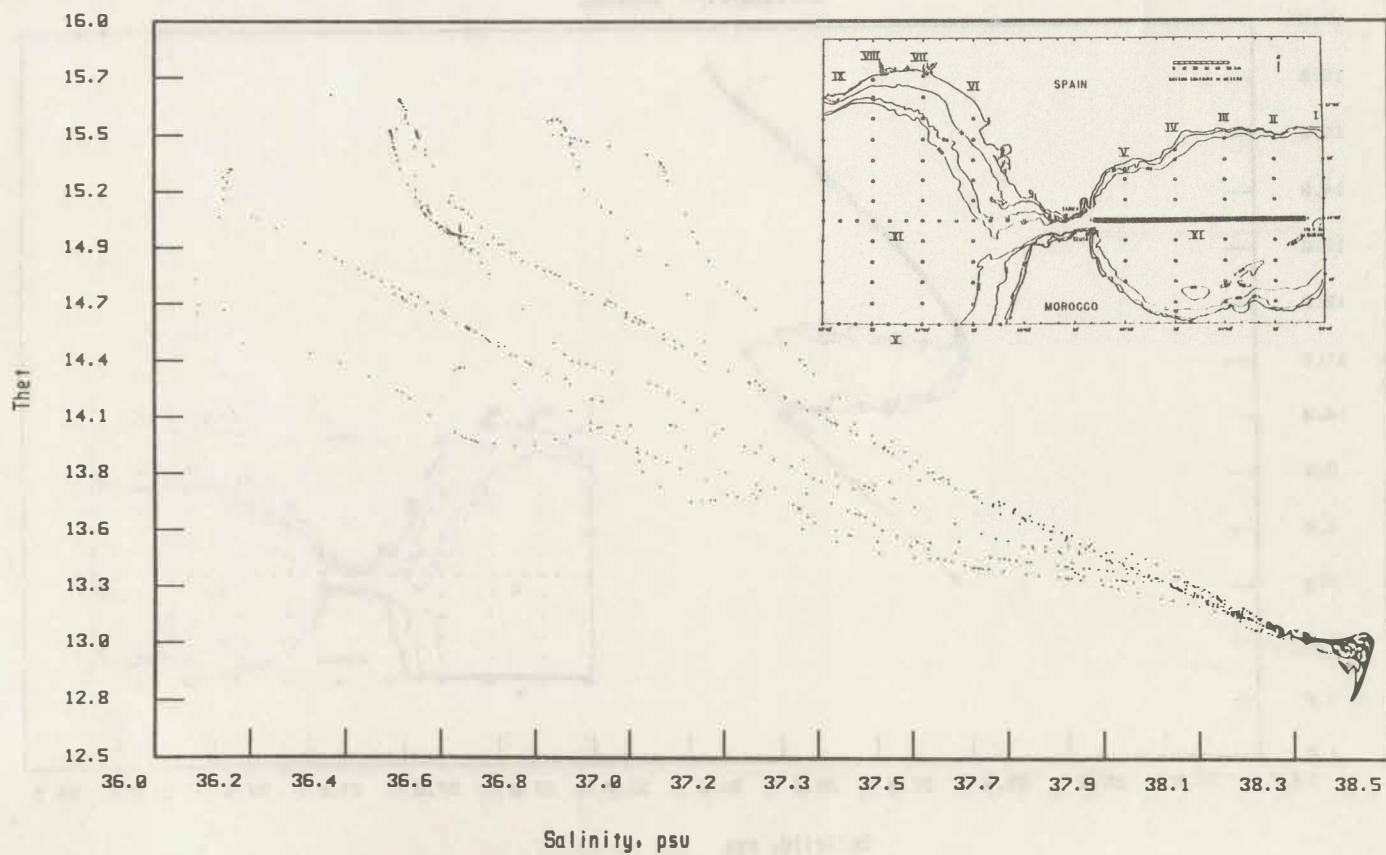


Section XI West



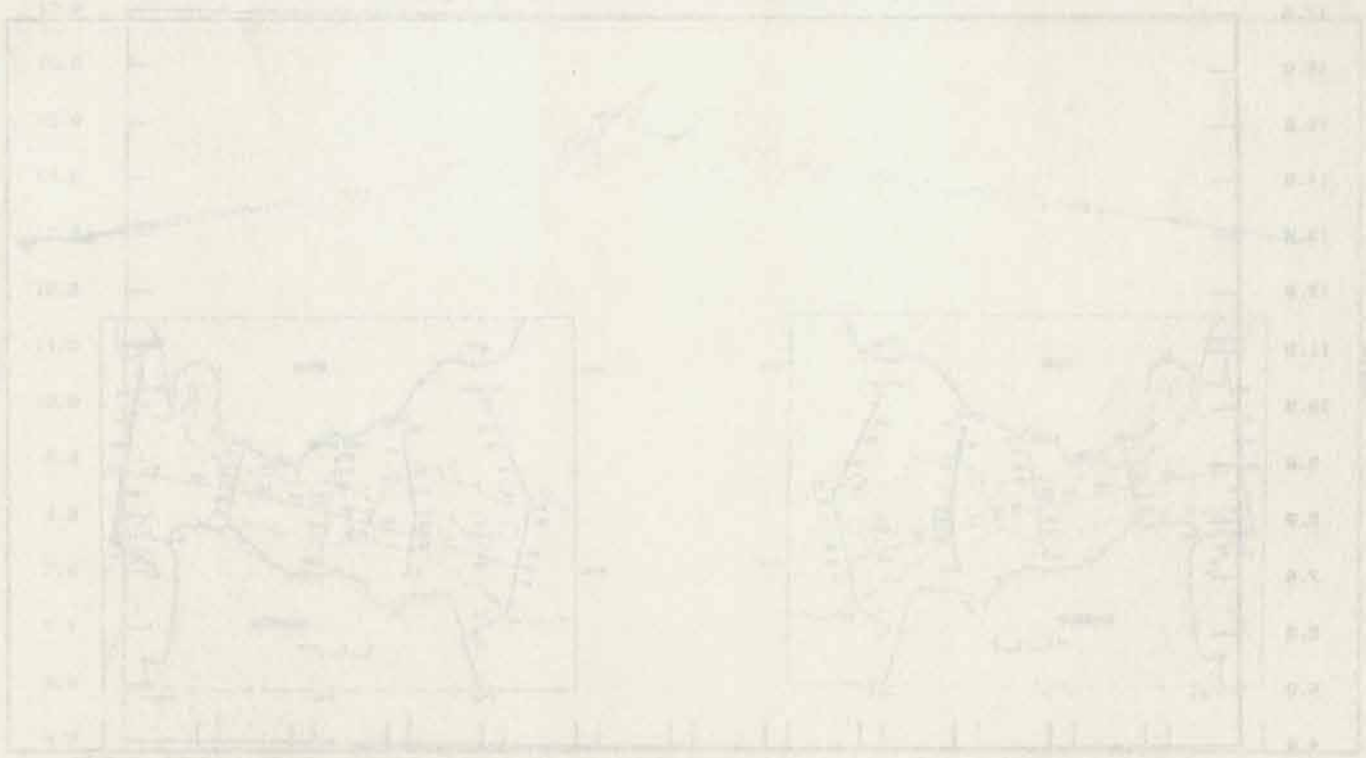
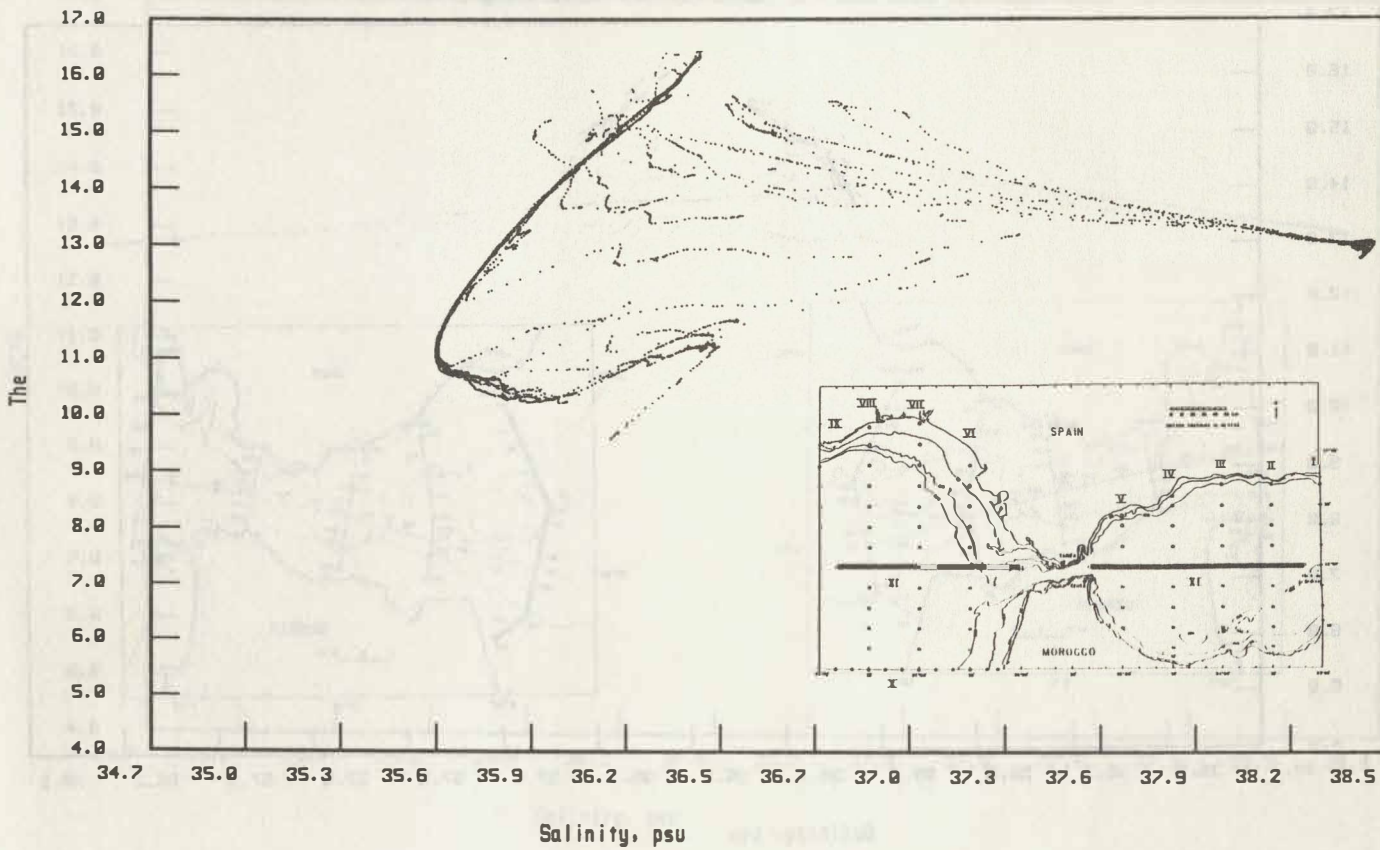
Salinity, psu

Section XI East

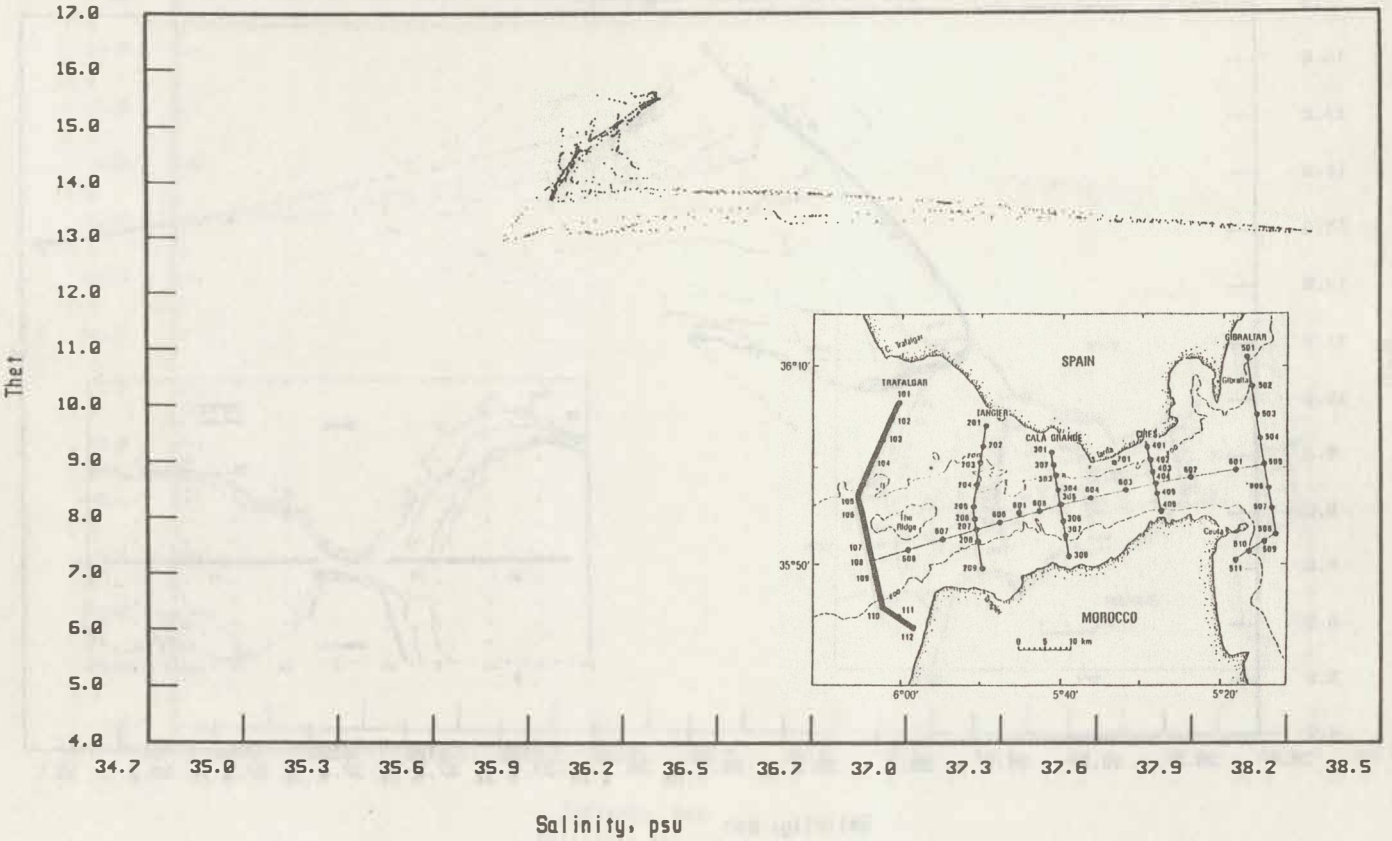


Salinity, psu

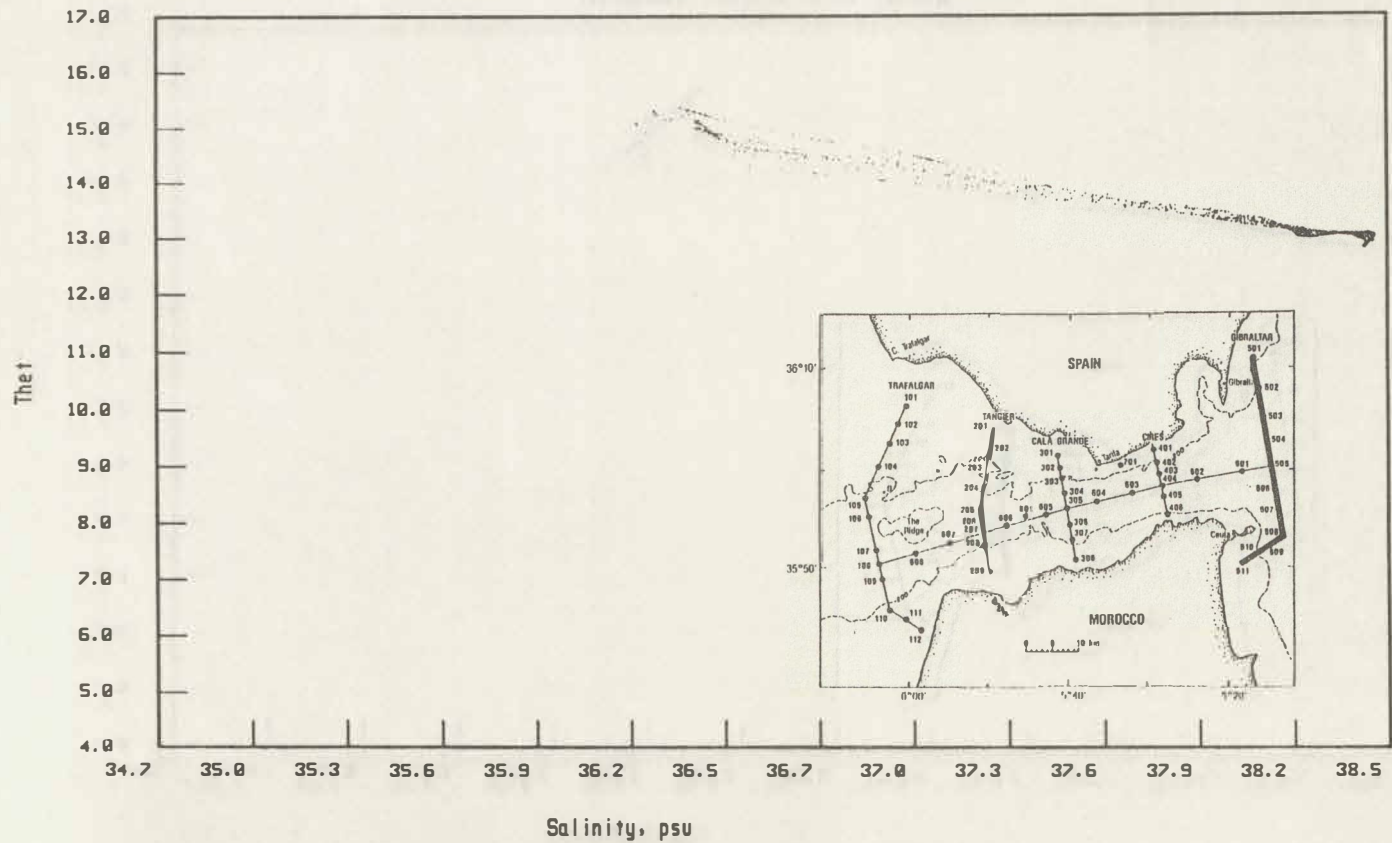
Section XI All stations



Trafalgar Section (K1) Neap Tides

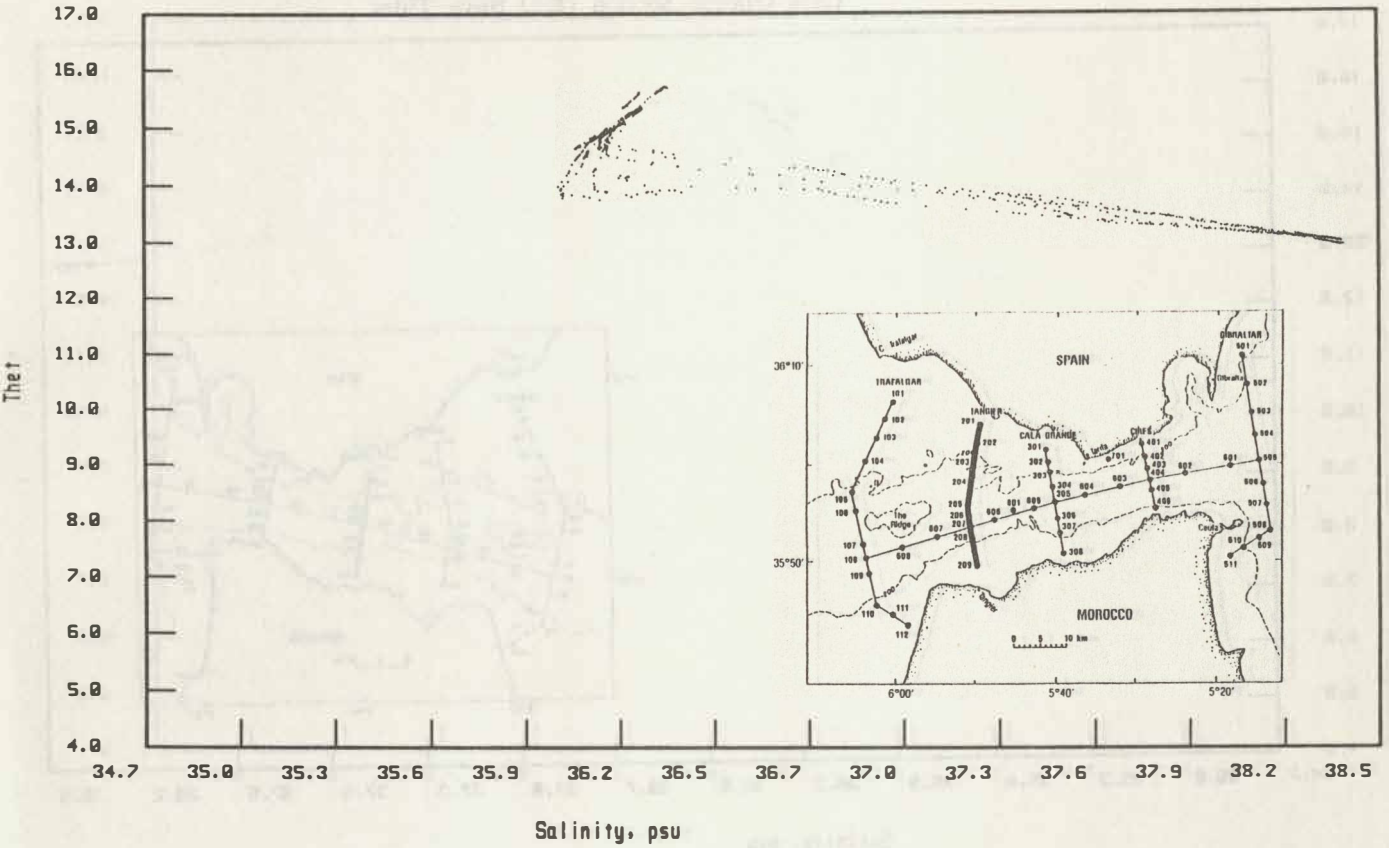


Gibraltar Section (K5) Spring Tides

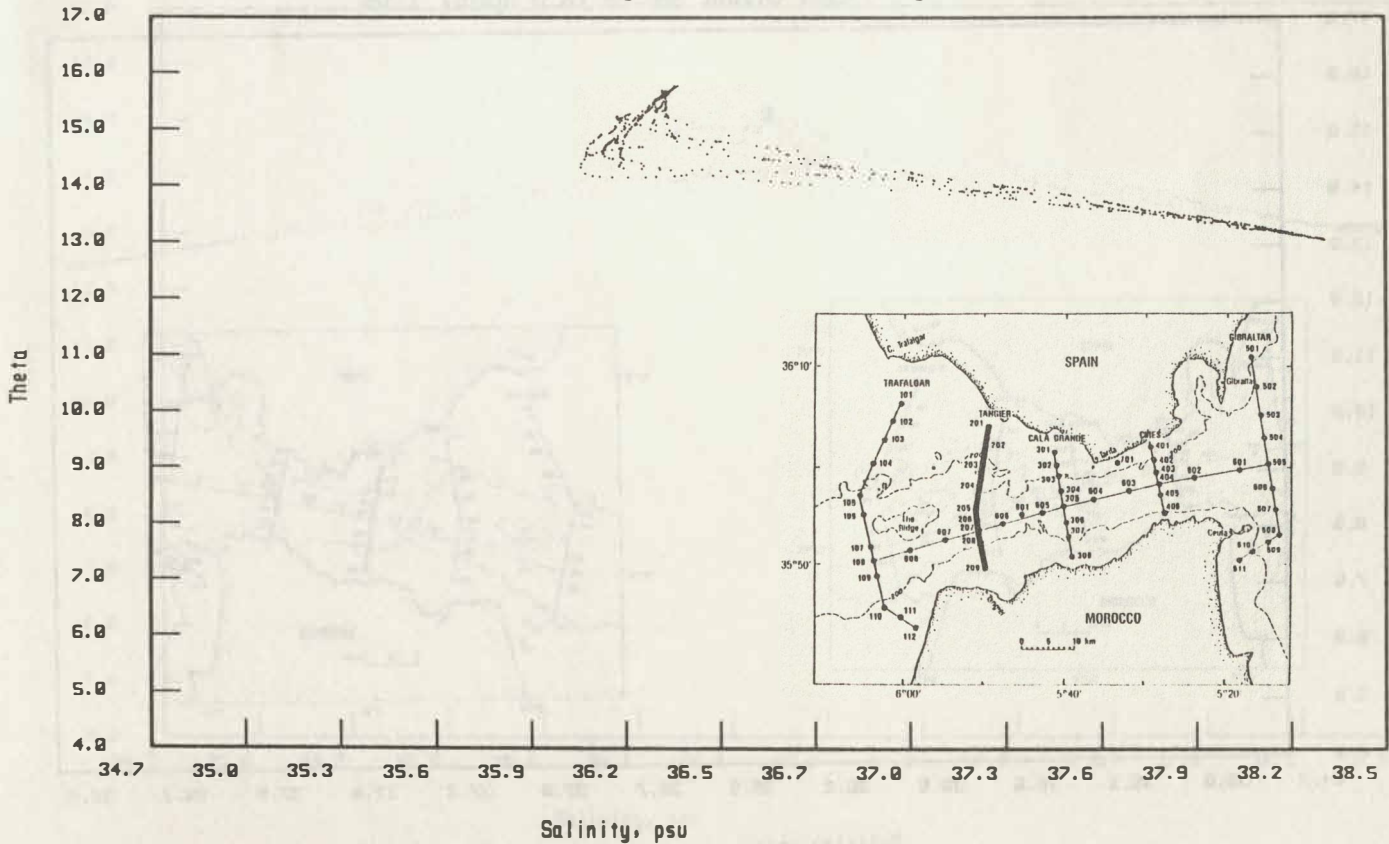




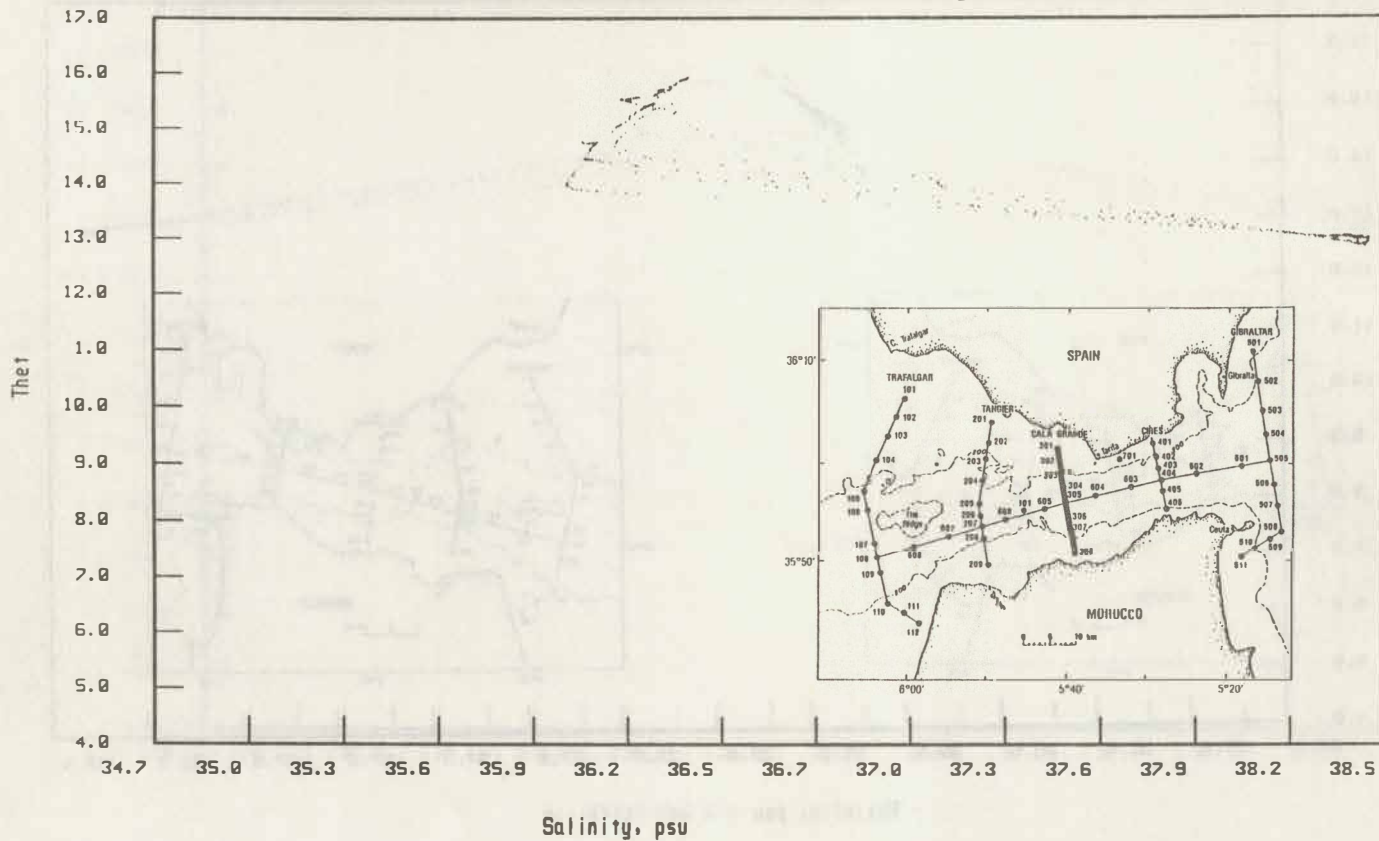
Tangier Section (K2) Neap Tides



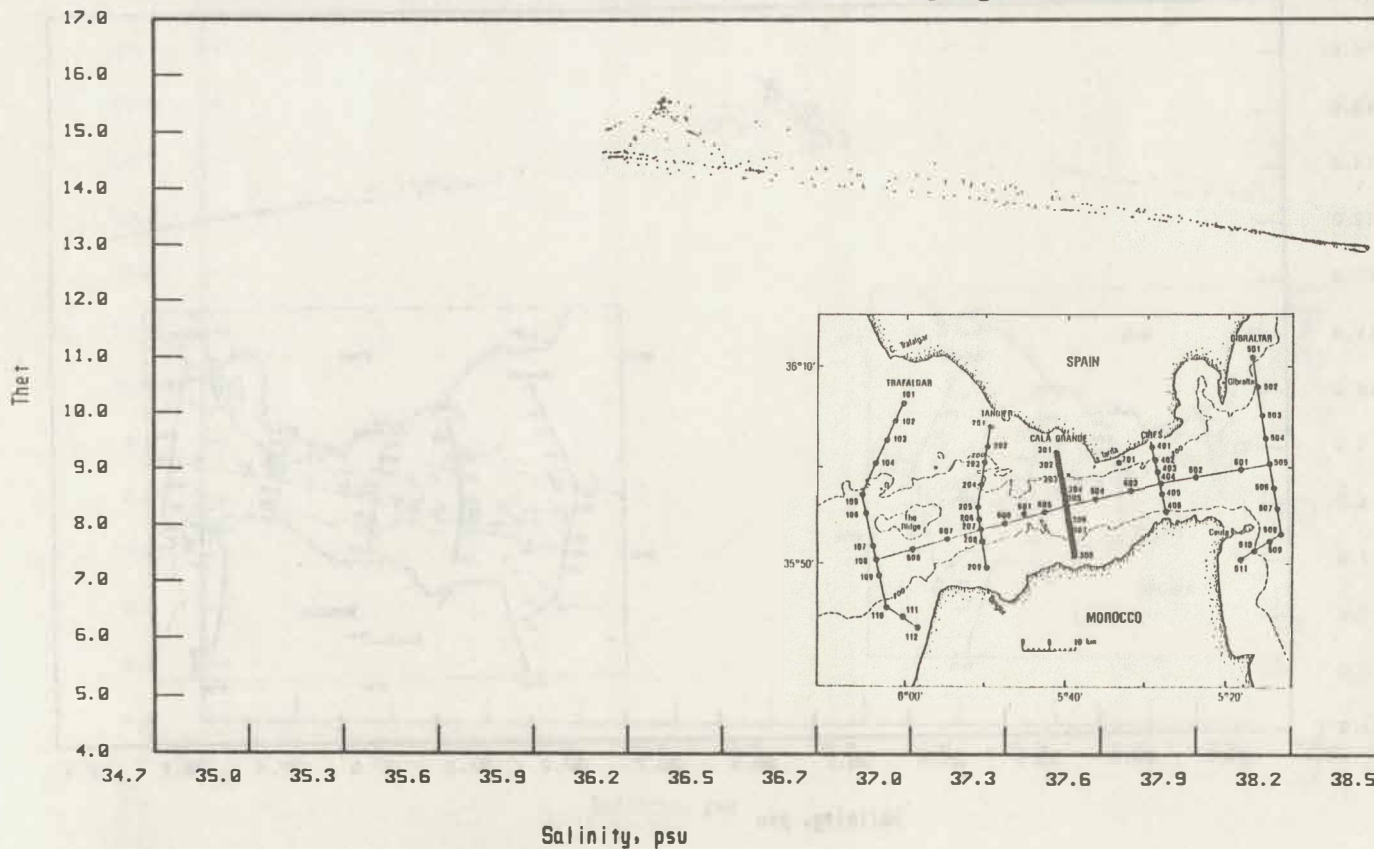
Tangier Section (K2) Spring Tides



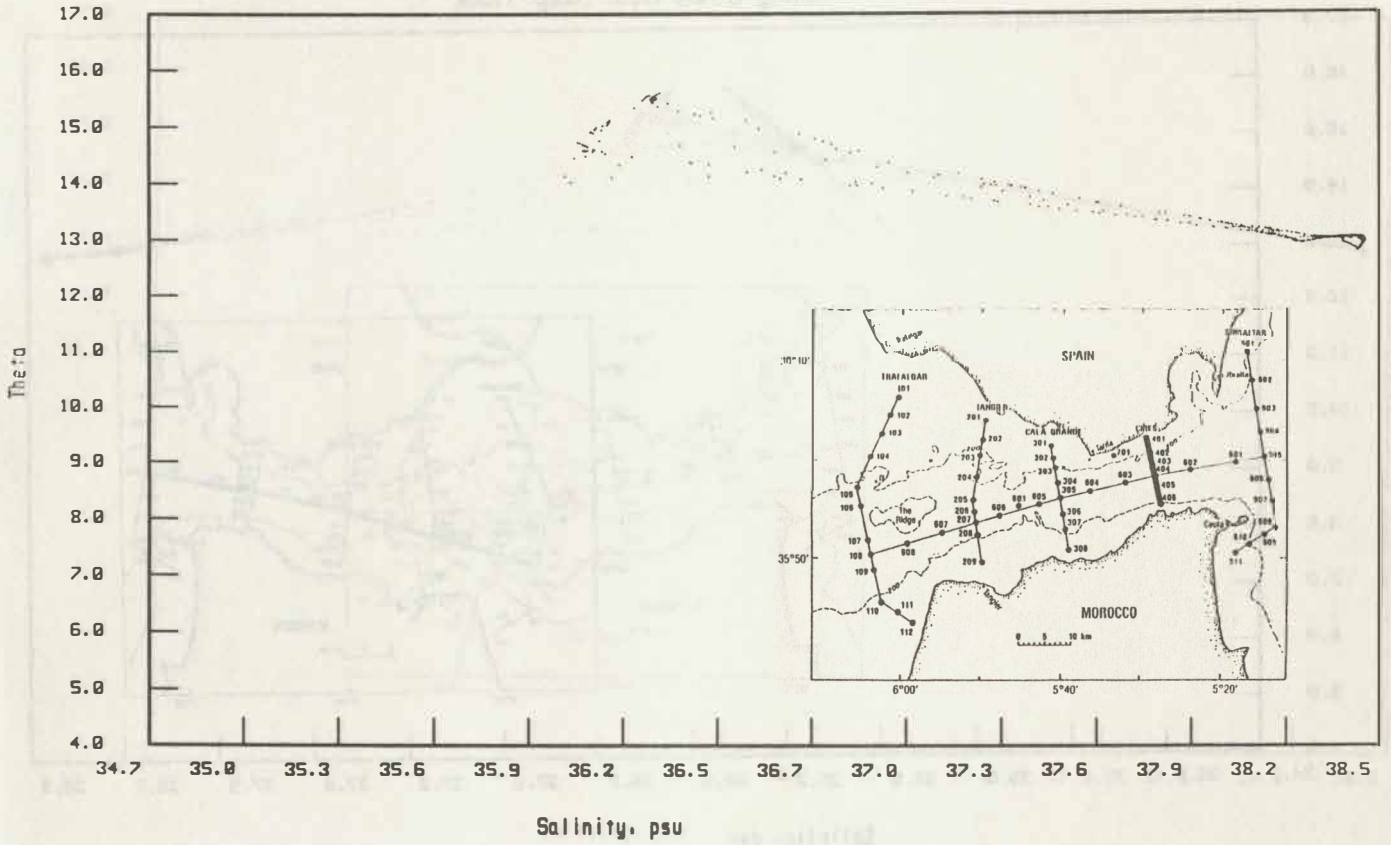
Cala Grande Section (K3) Neap Tides



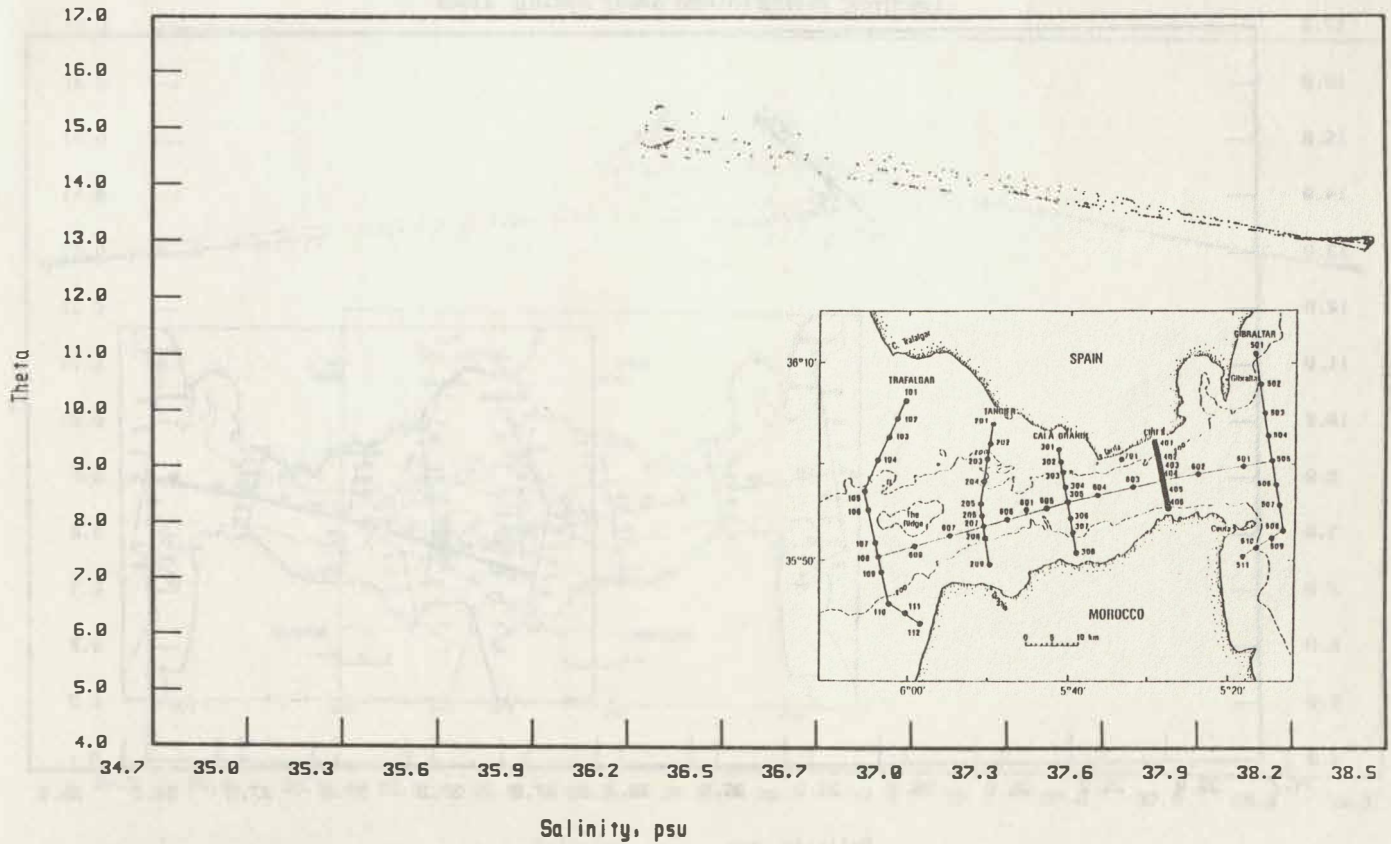
Cala Grande Section (K3) Spring Tides



Cires Section (K4) Neap Tides

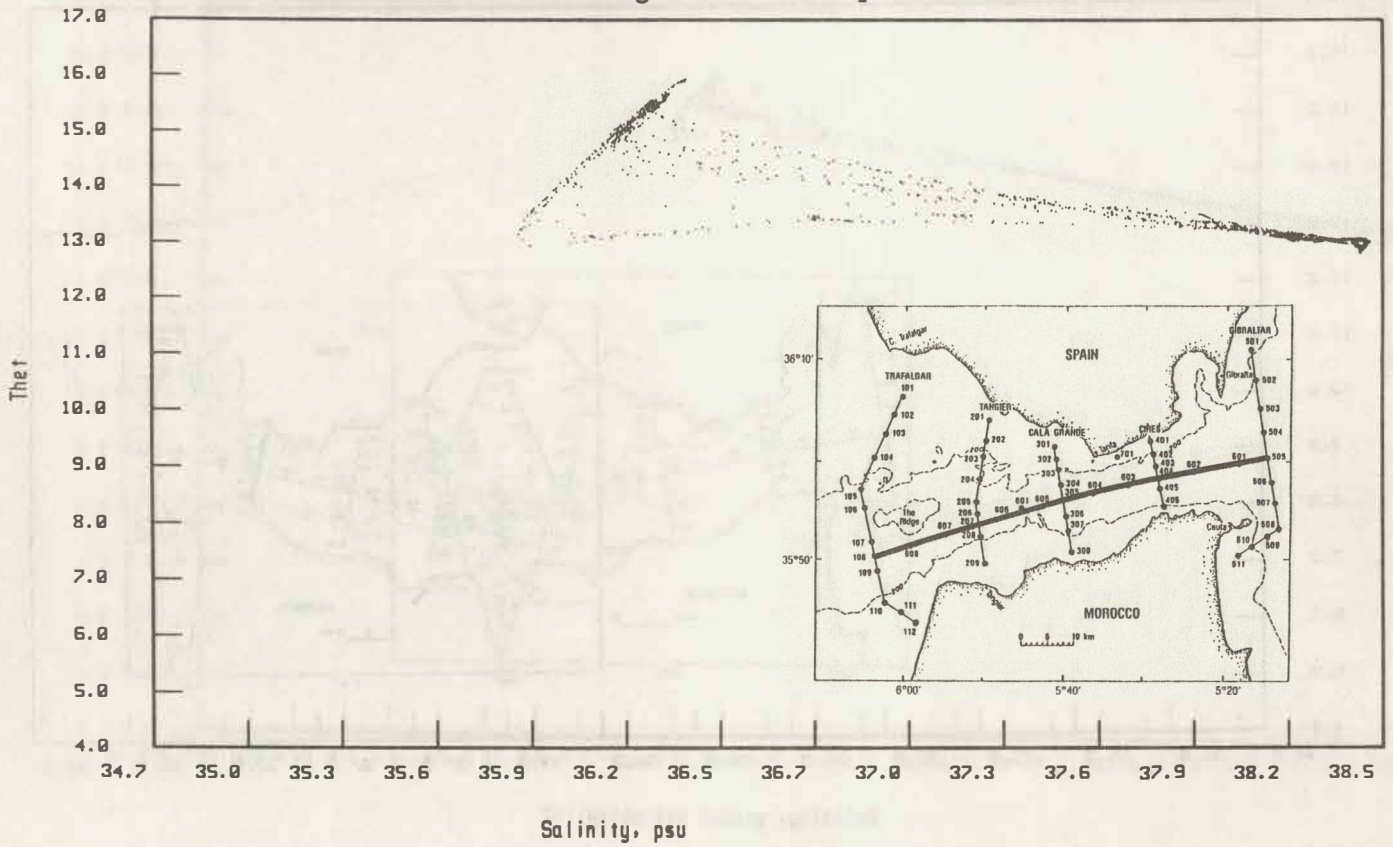


Cires Section (K4) Spring Tides

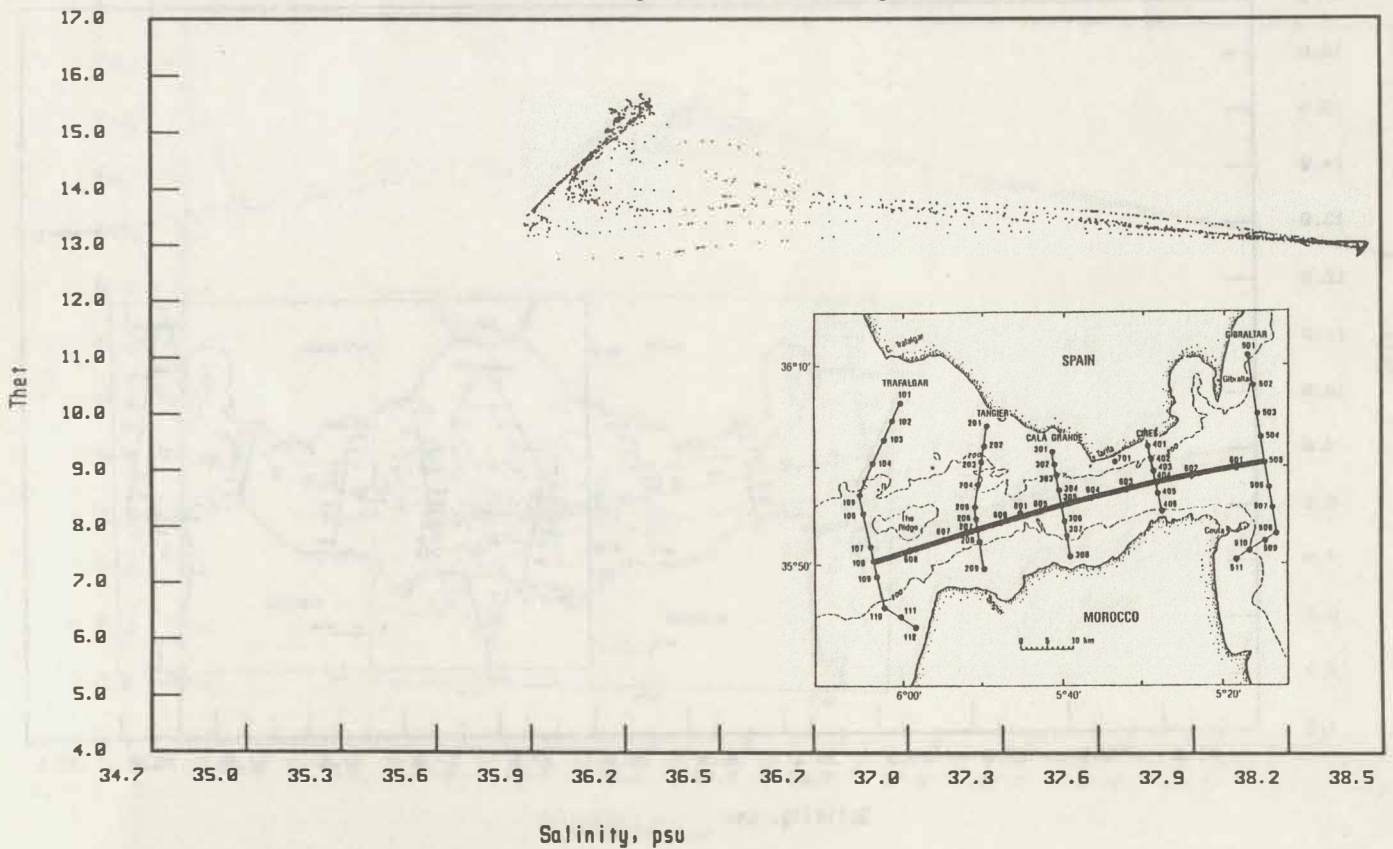




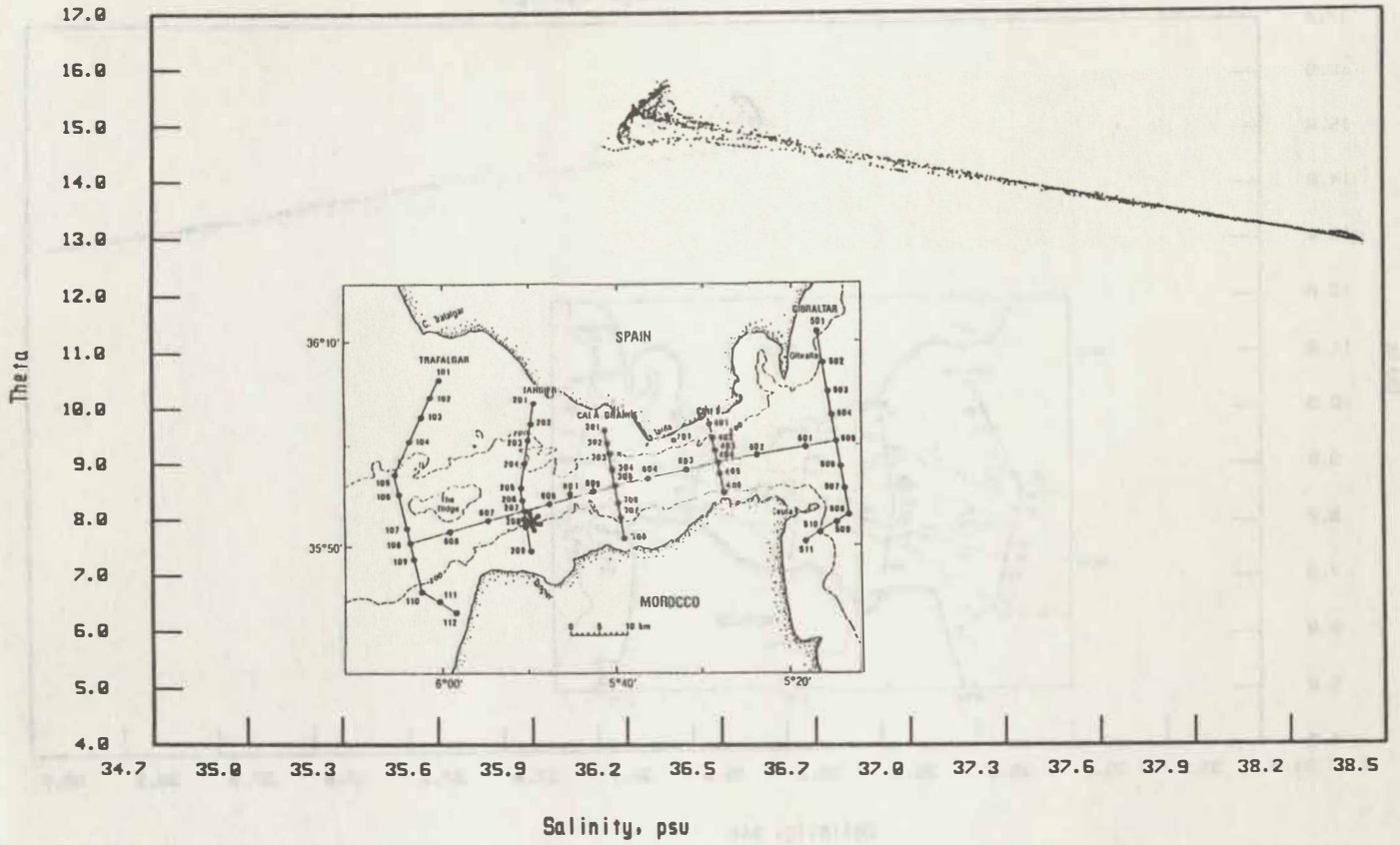
Along Strait (K6) Neap Tides



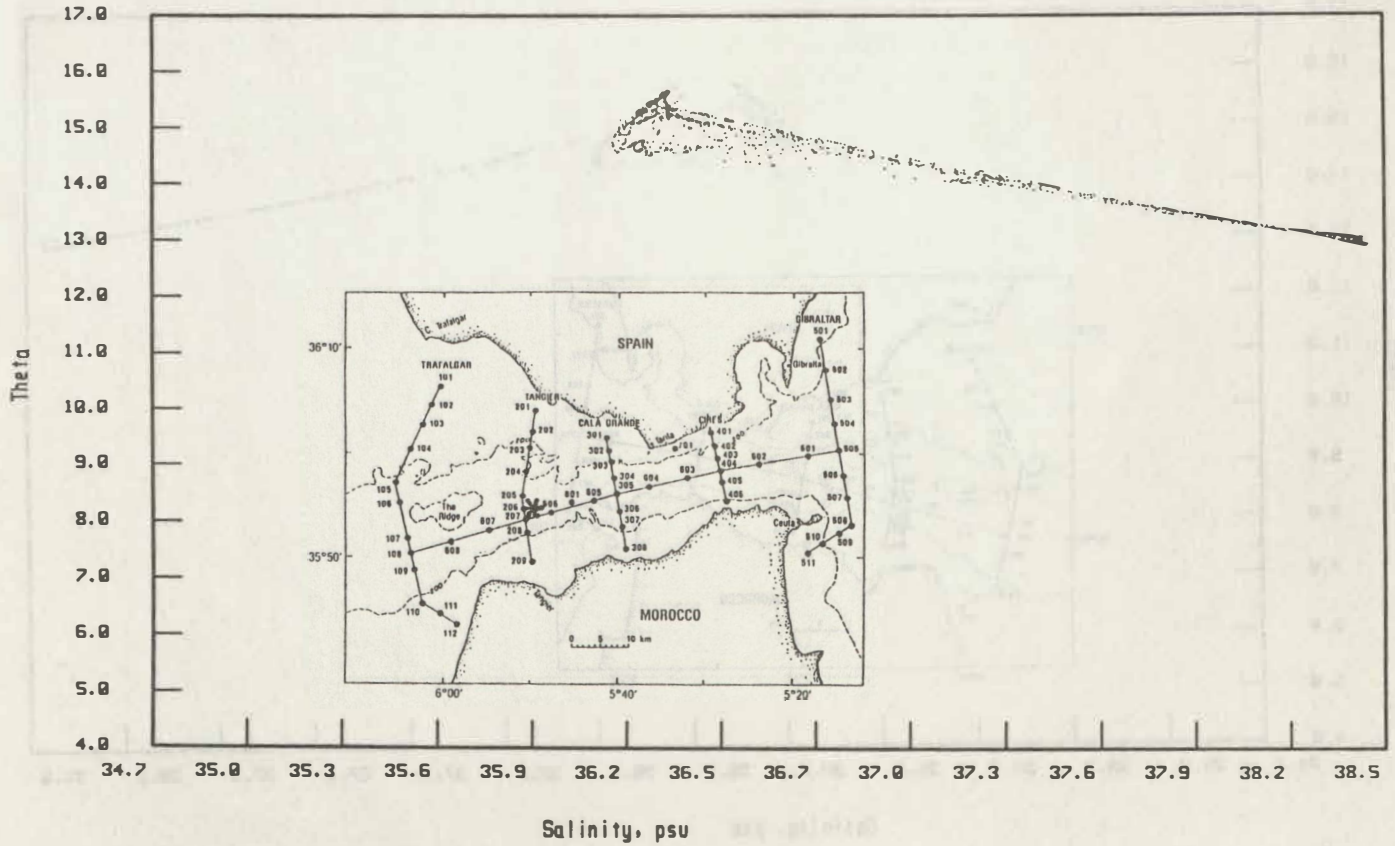
Along Strait (K6) Spring Tides



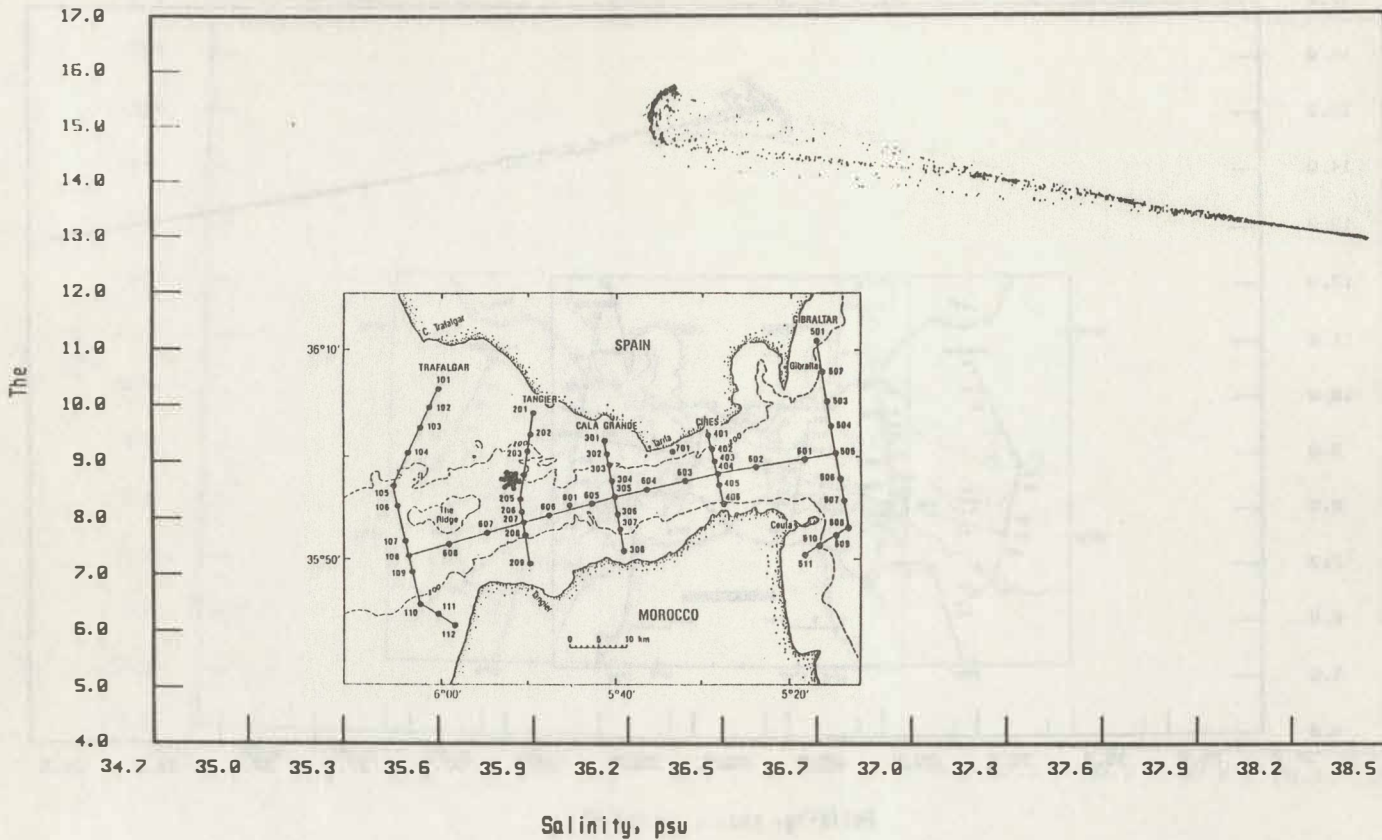
### Yoyo DSS (Deep South Springs)



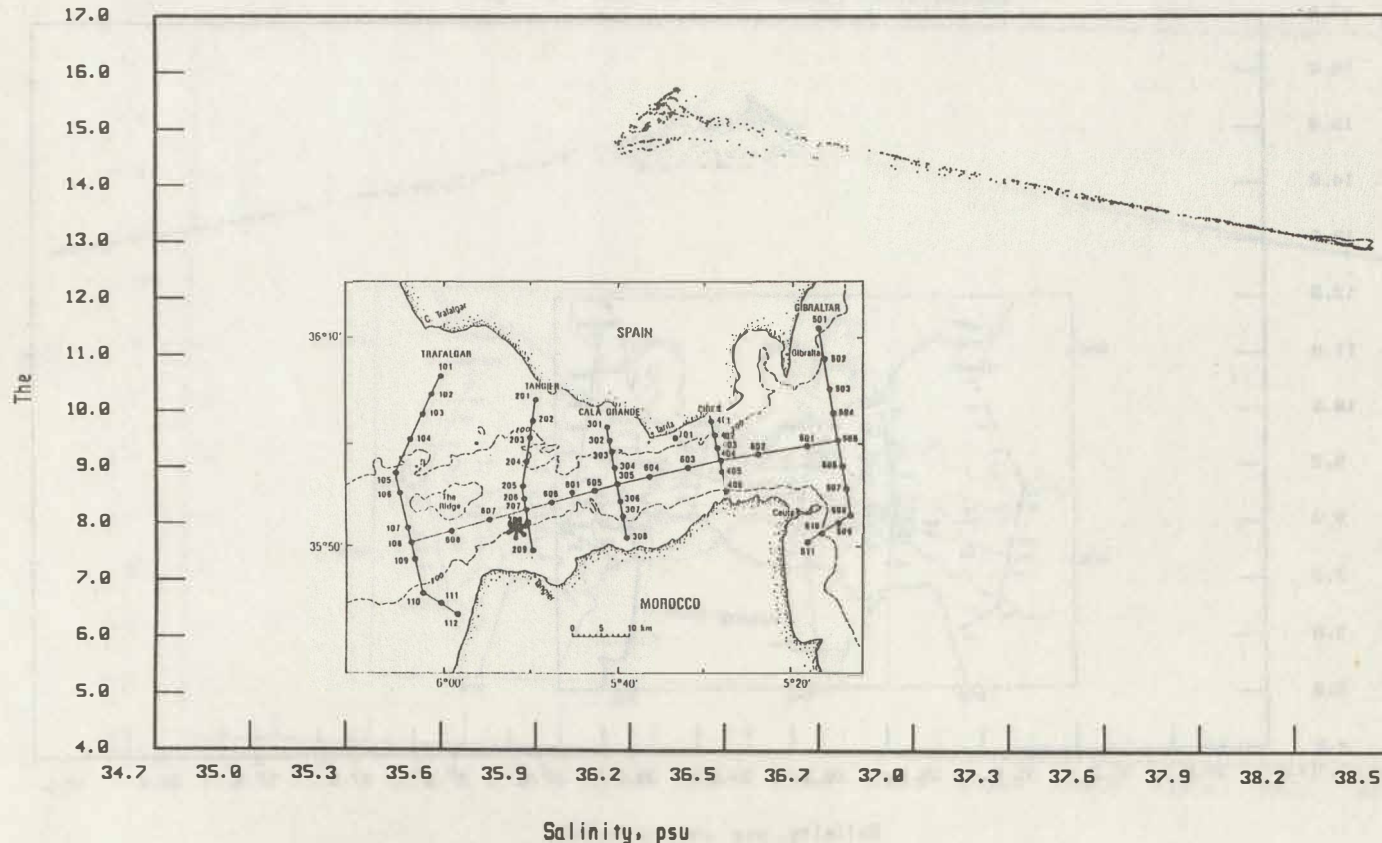
### Yoyo FSS (Foxtrot Springs)



### Yoyo TGS (Tango Springs)

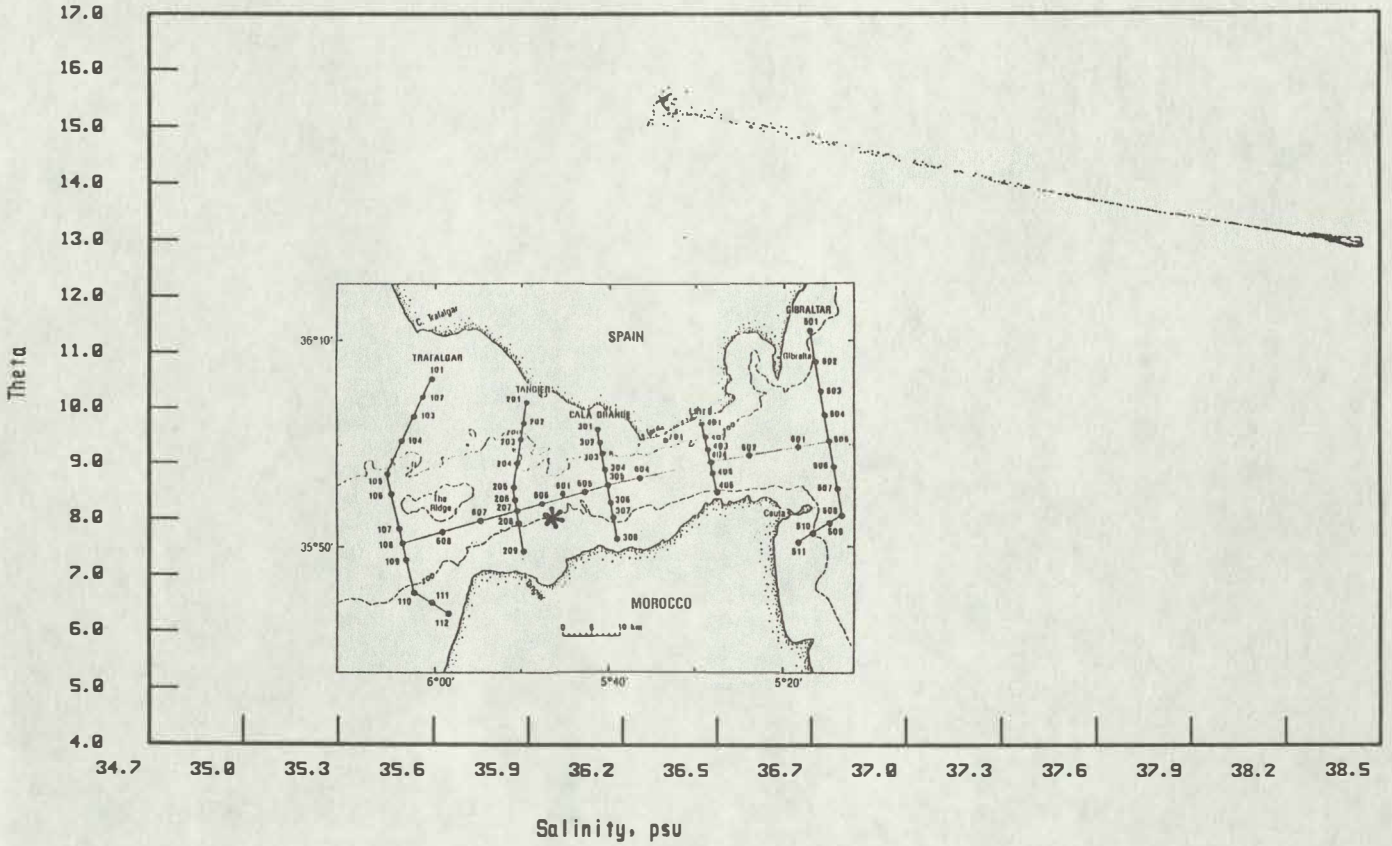


### Yoyo WYS (Whiskey Springs section)

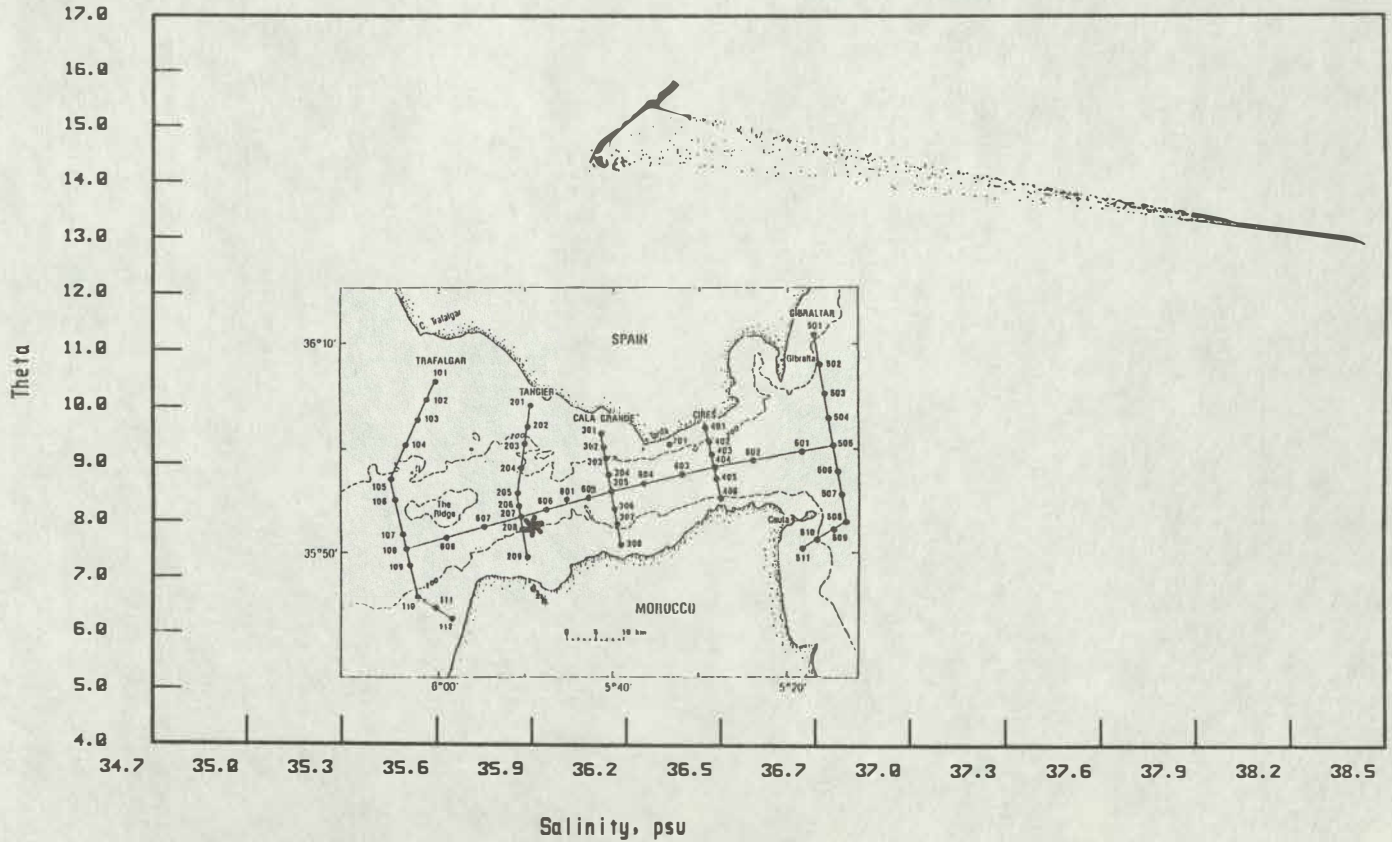




Yoyo WYY (Whiskey Springs yoyo)



Yoyo DSN (Deep South Neaps)

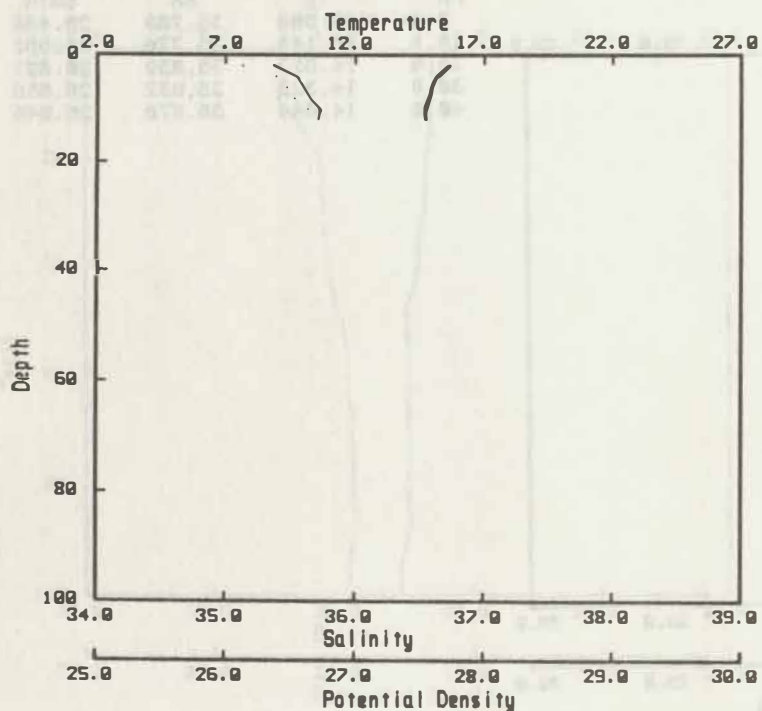


Rosette Station Profiles

STATION GB1001 : 36 41.4 N 6 30.5 W 26/ 3/86 1350Z 15/ 20m

Day: 85.56 SST: 99.9 Tdry: 14.8 RH: 48.8 Wspd: 8.0 CTD #: 3  
 26 MAR 85;CAP CH:CD,SST Km E and N of Tarifa: -78.6km 76.7km  
 VI-11

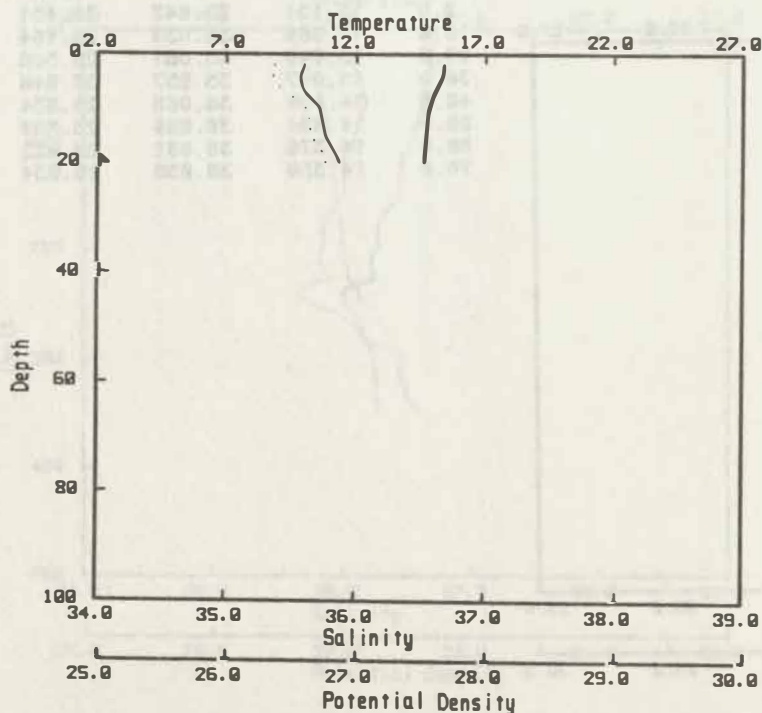
PR	TE	SA	SGTH
2.0	15.614	35.366	26.135
10.0	14.653	35.723	26.623



STATION GB1002 : 36 40.2 N 6 30.3 W 26/ 3/86 1443Z 15/ 21m

Day: 85.60 SST: 99.0 Tdry: 16.5 RH: 53.1 Wspd: 8.0 CTD #: 3  
 26 MAR 86 NAB POS:SATNAV. Km E and N of Tarifa: -78.3km 74.4km  
 VI-10 . SATNAV. FIRST REAL STATION.

PR	TE	SA	SGTH
2.0	15.281	35.581	26.375
10.0	14.720	35.702	26.592
20.0	14.552	35.854	26.746

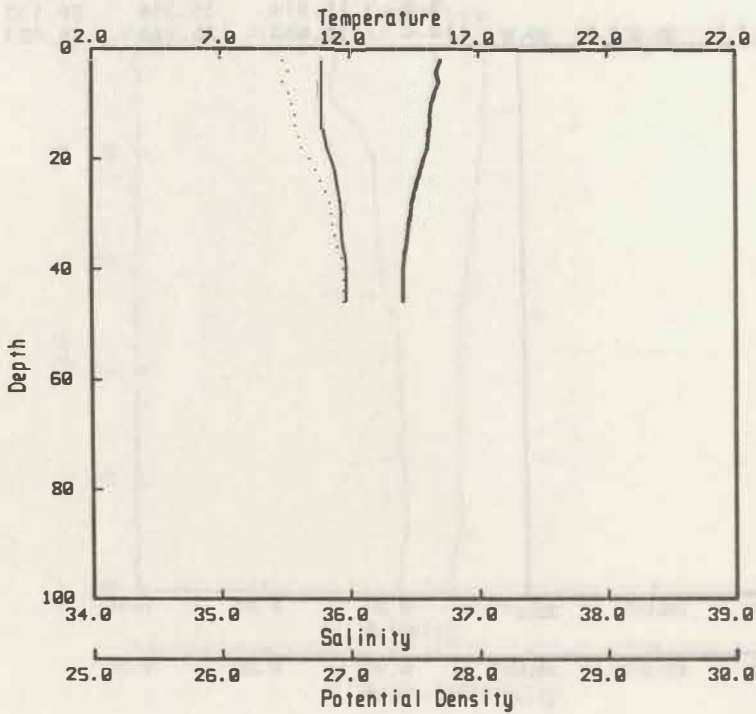




STATION GB1003 : 36 30.1 N 6 30.0 W 26/ 3/86 1612Z 47/ 52m

Day: 85.67 SST: 99.0 Tdry: 15.7 RH: 52.0 Wspd: 10.0 CTD #: 3  
 26 MAR 86 NAB POS: SHL Km E and N of Tarifa: -78.0km 55.7km  
 VI-9

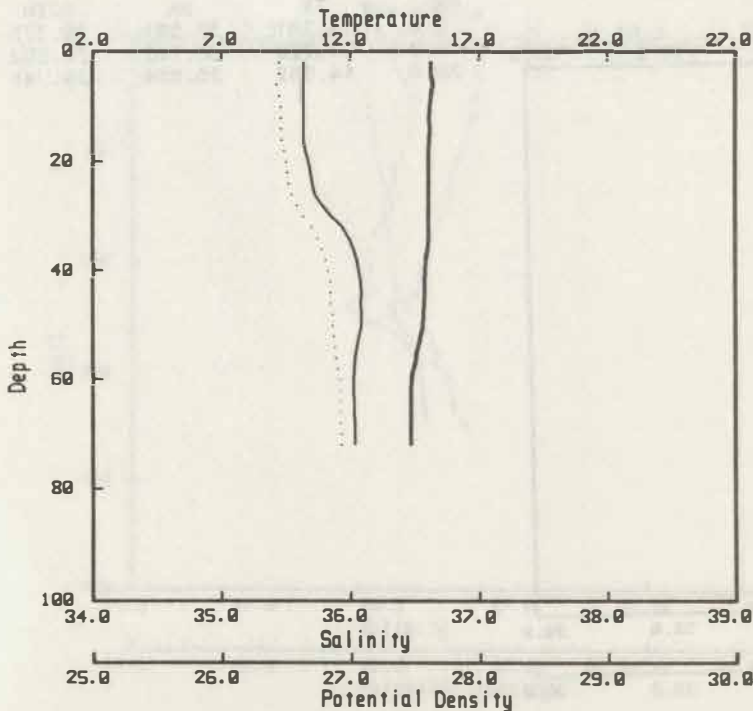
PR	TE	SA	SGTH
2.0	15.500	35.789	26.486
10.0	15.148	35.776	26.555
20.0	14.822	35.859	26.691
30.0	14.323	35.932	26.856
40.0	14.044	35.970	26.946



STATION GB1004 : 36 19.9 N 6 29.2 W 26/ 3/86 1753Z 70/ 75m

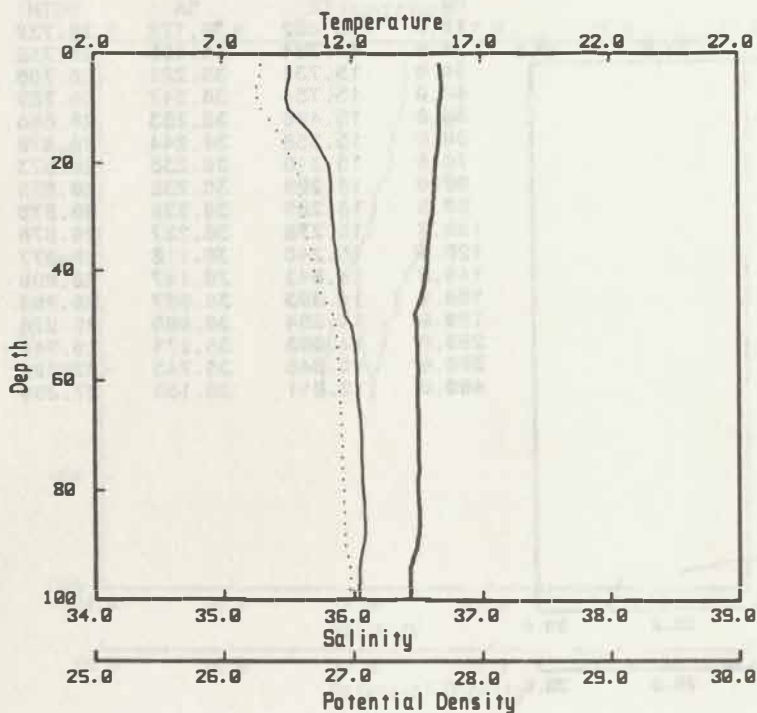
Day: 85.73 SST: 99.0 Tdry: 18.2 RH: 56.0 Wspd: 10.0 CTD #: 3  
 26 MAR 86 NAB. POS: SHL Km E and N of Tarifa: -76.9km 36.9km  
 VI-8

PR	TE	SA	SGTH
2.0	15.151	35.642	26.451
10.0	15.084	35.639	26.464
20.0	15.040	35.681	26.506
30.0	15.047	35.857	26.640
40.0	14.909	36.068	26.834
50.0	14.824	36.089	26.869
60.0	14.376	36.031	26.922
70.0	14.350	36.039	26.934



STATION GB1005 : 36 10.1 N 6 29.6 W 26/ 3/86 1924Z 100/ 105m

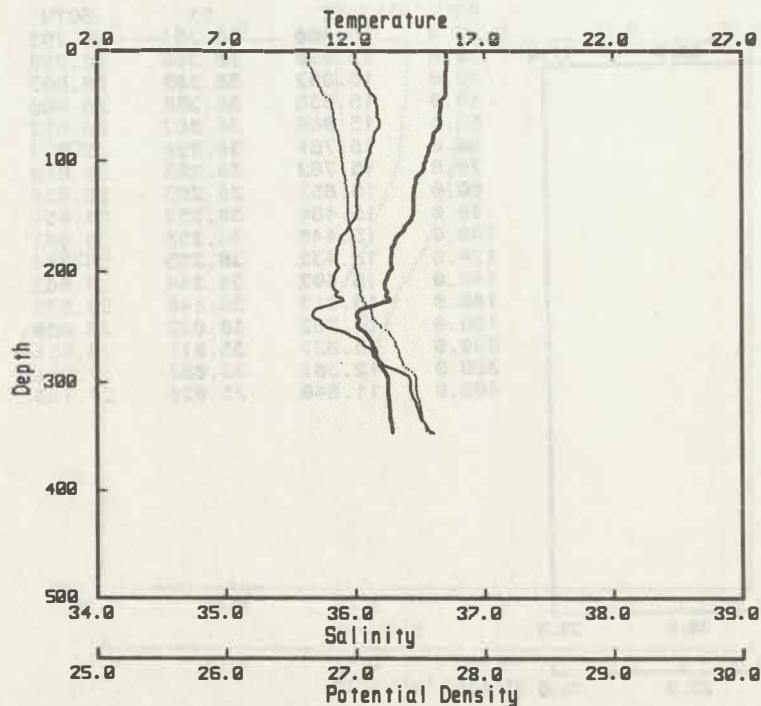
Day: 85.80 SST: 15.1 Tdry: 13.1 RH: 62.2 Wspd: 4.0 CTD #: 3  
 26 MAR 86 NAB POS: SHL/RAD Km E and N of Tarifa: -77.5km 18.7km  
 VI-7



PR	TE	SA	SGTH
2.0	15.419	35.531	26.306
10.0	15.376	35.519	26.306
20.0	15.238	35.819	26.568
30.0	15.098	35.847	26.621
40.0	14.872	35.895	26.709
50.0	14.471	35.989	26.869
60.0	14.508	36.032	26.894
70.0	14.532	36.064	26.914
80.0	14.513	36.076	26.928
90.0	14.460	36.074	26.938
100.0	14.191	36.042	26.972

STATION GB1006 : 35 59.7 N 6 29.8 W 26/ 3/86 2108Z 340/ 350m

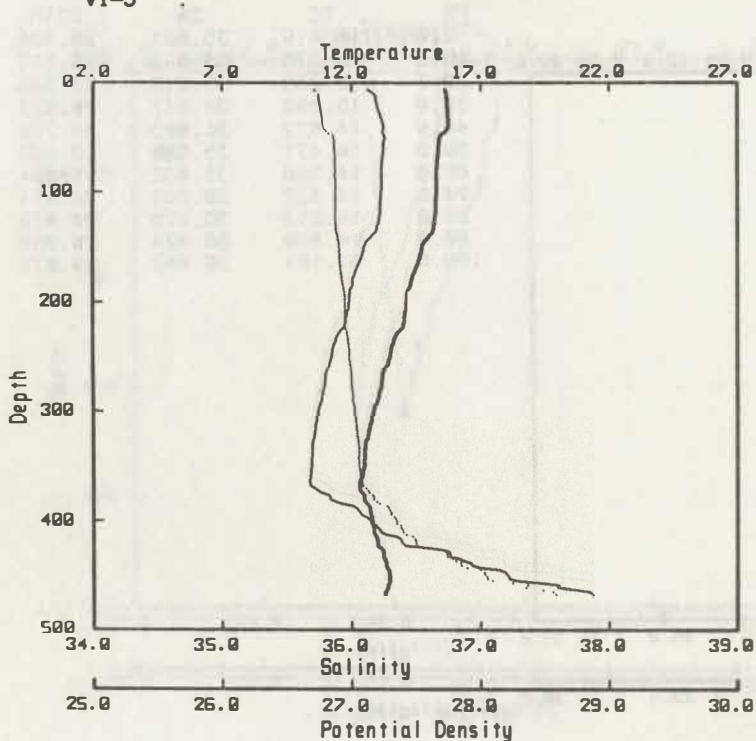
Day: 85.88 SST: 99.9 Tdry: 14.5 RH: 63.0 Wspd: 4.0 CTD #: 3  
 26 MAR 86 NAB POS: SHL/RAD Km E and N of Tarifa: -77.9km -0.6km  
 VI-6 . \*\*\* up trace \*\*\*



PR	TE	SA	SGTH
2.0	15.519	35.994	26.639
10.0	15.525	35.997	26.640
20.0	15.492	36.035	26.677
30.0	15.484	36.080	26.714
40.0	15.488	36.135	26.756
50.0	15.305	36.166	26.821
60.0	15.250	36.169	26.836
70.0	15.236	36.183	26.851
80.0	15.000	36.143	26.873
90.0	14.841	36.116	26.887
100.0	14.715	36.091	26.896
120.0	14.326	36.018	26.925
140.0	14.234	36.013	26.941
160.0	13.903	35.948	26.962
180.0	13.405	35.859	26.998
200.0	13.308	35.850	27.012
300.0	13.253	36.420	27.467

STATION GB1007 : 35 49.9 N 6 29.8 W 26/ 3/86 2315Z 467/ 510m

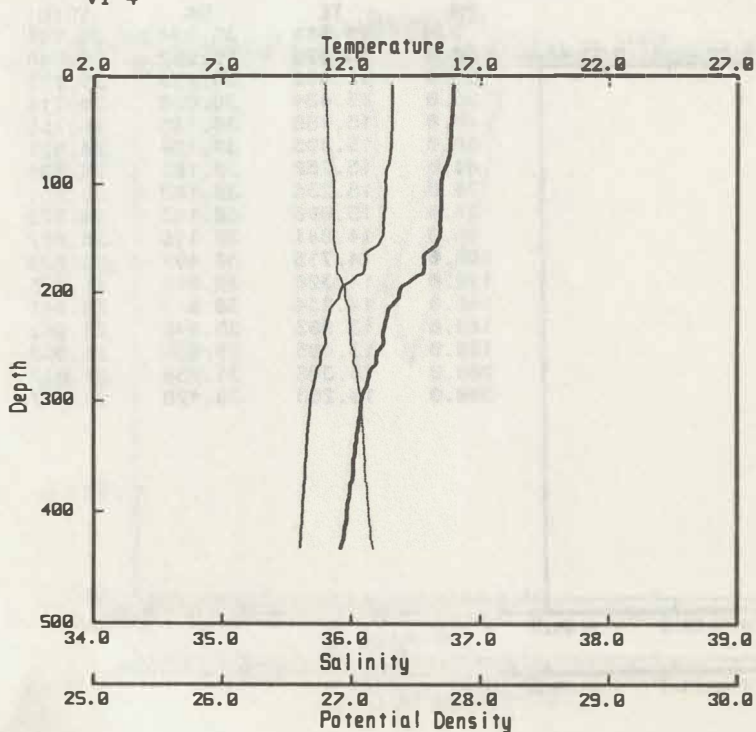
Day: 85.96 SST: 15.4 Tdr y: 13.9 RH: 67.4 Wspd: 5.0 CTD #: 3  
 27 MAR 86 ANC POS:SHL/RAD Km E and N of Tarifa: -78.0km -18.7km  
 VI-5



PR	TE	SA	SGTH
10.0	15.682	36.172	26.739
20.0	15.704	36.195	26.752
30.0	15.731	36.221	26.766
40.0	15.754	36.247	26.782
50.0	15.406	36.253	26.866
60.0	15.358	36.244	26.870
70.0	15.315	36.235	26.873
80.0	15.296	36.232	26.875
90.0	15.285	36.229	26.876
100.0	15.278	36.227	26.876
120.0	15.246	36.218	26.877
140.0	14.943	36.147	26.890
160.0	14.593	36.067	26.906
180.0	14.284	36.005	26.926
200.0	14.095	35.976	26.944
300.0	12.846	35.745	27.027
400.0	12.811	36.150	27.350

STATION GB1008 : 35 39.1 N 6 30.5 W 27/ 3/86 56Z 432/ 445m

Day: 86.02 SST: 15.6 Tdr y: 14.1 RH: 70.7 Wspd: 10.0 CTD #: 3  
 27 MAR 86 CAP POS:SAT Km E and N of Tarifa: -79.1km -38.7km  
 VI-4

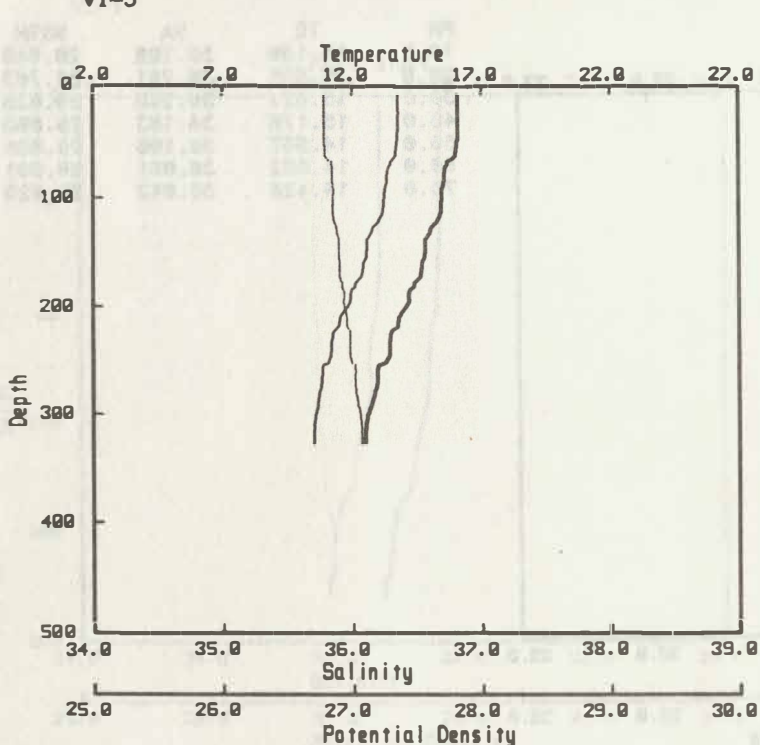


PR	TE	SA	SGTH
10.0	15.890	36.304	26.793
20.0	15.879	36.304	26.796
30.0	15.852	36.305	26.803
40.0	15.835	36.305	26.808
50.0	15.806	36.302	26.812
60.0	15.784	36.299	26.815
70.0	15.762	36.295	26.818
80.0	15.653	36.283	26.834
90.0	15.486	36.259	26.854
100.0	15.448	36.258	26.862
120.0	15.432	36.255	26.864
140.0	15.402	36.244	26.863
160.0	15.017	36.148	26.875
180.0	14.762	36.092	26.889
200.0	13.827	35.911	26.951
300.0	12.381	35.687	27.074
400.0	11.840	35.625	27.133



STATION GB1009 : 35 28.6 N 6 29.6 W 27/ 3/86 243Z 326/ 331m

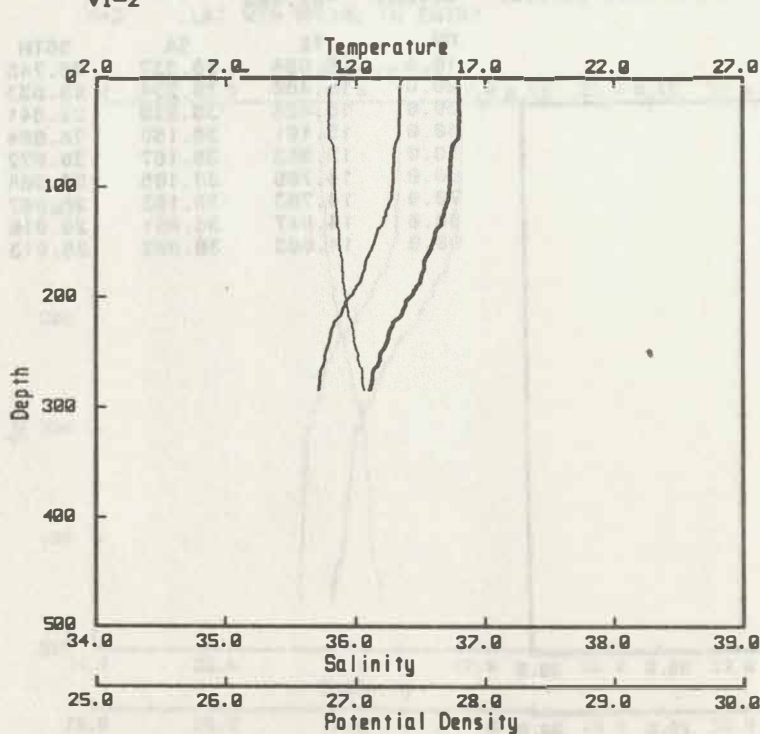
Day: 86.10 SST: 15.8 Tdry: 13.3 RH: 74.9 Wspd: 8.0 CTD #: 3  
 28 MAR 86 CAP POS:SHL/SATNAKm E and N of Tarifa: -77.8km -58.1km  
 VI-3



PR	TE	SA	SGT H
10.0	16.064	36.355	26.792
20.0	16.065	36.355	26.792
30.0	16.074	36.355	26.790
40.0	16.072	36.352	26.789
50.0	16.032	36.342	26.791
60.0	15.982	36.333	26.796
70.0	15.651	36.294	26.842
80.0	15.528	36.266	26.849
90.0	15.472	36.256	26.854
100.0	15.430	36.244	26.855
120.0	15.287	36.208	26.860
140.0	14.794	36.114	26.898
160.0	14.676	36.086	26.903
180.0	14.370	36.022	26.920
200.0	14.061	35.960	26.939
300.0	12.579	35.719	27.060

STATION GB1010 : 35 19.0 N 6 30.6 W 27/ 3/86 440Z 283/ 293m

Day: 86.18 SST: 16.0 Tdry: 12.8 RH: 69.1 Wspd: 9.0 CTD #: 3  
 28 MAR 86 CAP POS:SHL/SATNAKm E and N of Tarifa: -79.4km -75.9km  
 VI-2

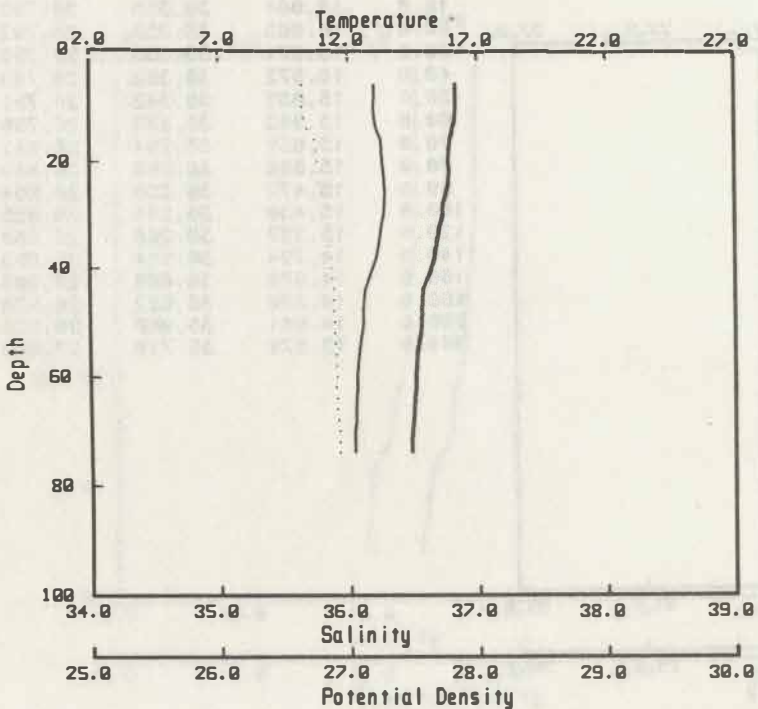


PR	TE	SA	SGT H
2.0	15.938	36.348	26.816
10.0	15.970	36.340	26.802
20.0	15.987	36.339	26.798
30.0	15.978	36.338	26.800
40.0	15.986	36.336	26.797
50.0	15.972	36.333	26.798
60.0	15.777	36.308	26.824
70.0	15.680	36.297	26.838
80.0	15.640	36.293	26.844
90.0	15.629	36.290	26.845
100.0	15.617	36.286	26.845
120.0	15.424	36.243	26.856
140.0	15.090	36.170	26.876
160.0	14.809	36.108	26.891
180.0	14.538	36.052	26.907
200.0	14.094	35.956	26.929

STATION GB1011 : 35 10.1 N 6 16.4 W 27/ 3/86 735Z 73/ 80m

Day: 86.31 SST: 16.2 Tdry: 12.2 RH: 72.7 Wspd: 1.0 CTD #: 3  
 27 MAR 86 SRR POS:SHL/RAD Km E and N of Tarifa: -58.1km -92.4km  
 X-1

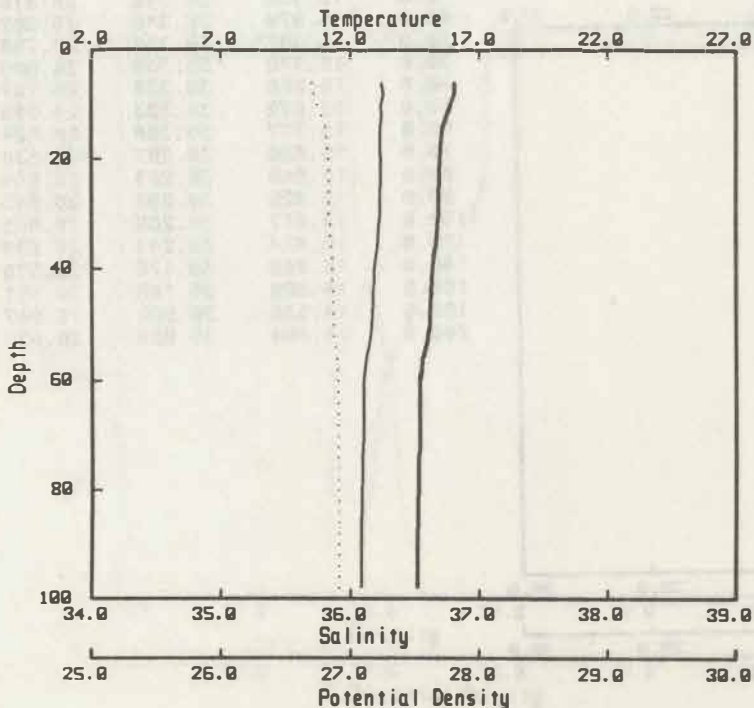
PR	TE	SA	SGTH
10.0	16.160	36.198	26.649
20.0	15.885	36.261	26.762
30.0	15.621	36.268	26.828
40.0	15.178	36.183	26.863
50.0	14.807	36.106	26.886
60.0	14.582	36.061	26.901
70.0	14.426	36.042	26.920



STATION GB1012 : 35 10.0 N 6 20.2 W 27/ 3/86 851Z 98/ 103m

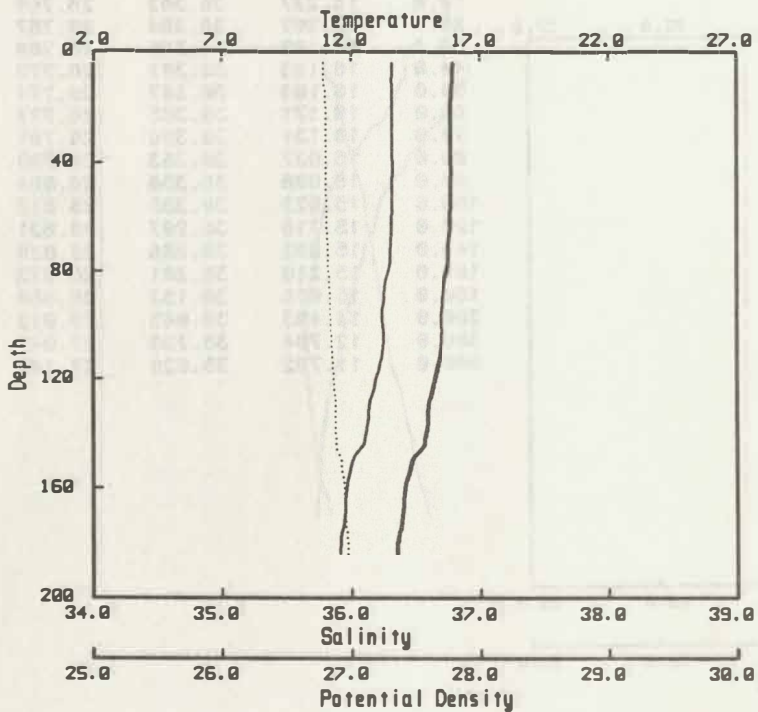
Day: 86.35 SST: 16.1 Tdry: 16.6 RH: 65.8 Wspd: .0 CTD #: 3  
 27 MAR 86 SRR POS:SHL/VIS Km E and N of Tarifa: -63.9km -92.6km  
 X-2

PR	TE	SA	SGTH
10.0	15.864	36.237	26.748
20.0	15.480	36.234	26.833
30.0	15.428	36.228	26.841
40.0	15.191	36.189	26.864
50.0	15.082	36.167	26.872
60.0	14.705	36.105	26.908
70.0	14.703	36.103	26.907
80.0	14.647	36.091	26.910
90.0	14.603	36.082	26.913



STATION GB1013 : 35 10.1 N 6 29.6 W 27/ 3/86 1029Z 180/ 185m

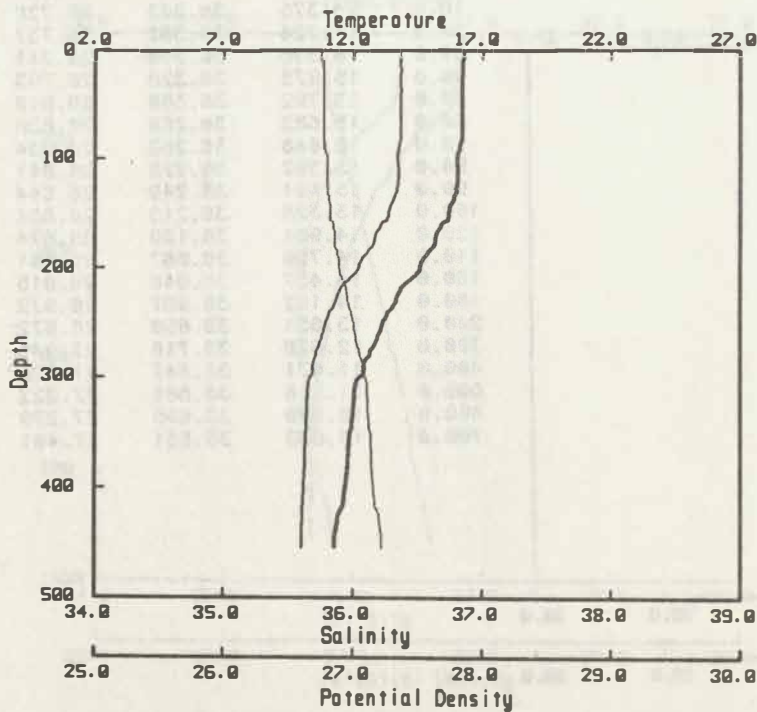
Day: 86.43 SST: 15.8 Tdry: 13.6 RH: 70.8 Wspd: .5 CTD #: 3  
 27 MAR 86 SS .POS:SHL/SATNAV Km E and N of Tarifa: -78.0km -92.4km  
 VI-1



PR	TE	SA	SGTH
10.0	15.930	36.311	26.789
20.0	15.857	36.313	26.808
30.0	15.859	36.316	26.810
40.0	15.860	36.317	26.811
50.0	15.856	36.315	26.811
60.0	15.823	36.310	26.815
70.0	15.760	36.302	26.824
80.0	15.680	36.283	26.828
90.0	15.518	36.249	26.839
100.0	15.469	36.241	26.844
120.0	15.191	36.183	26.862
140.0	14.846	36.106	26.880
160.0	14.030	35.960	26.945
180.0	13.756	35.917	26.970

STATION GB1014 : 35 10.1 N 6 40.2 W 27/ 3/86 1202Z 453/ 458m

Day: 86.50 SST: 16.4 Tdry: 14.5 RH: 66.0 Wspd: 2.0 CTD #: 3  
 27 MAR 86 CAP POS:SHL/SAT Km E and N of Tarifa: -93.9km -92.4km  
 X-3 .LAT MIN WRONG IN ENTRY

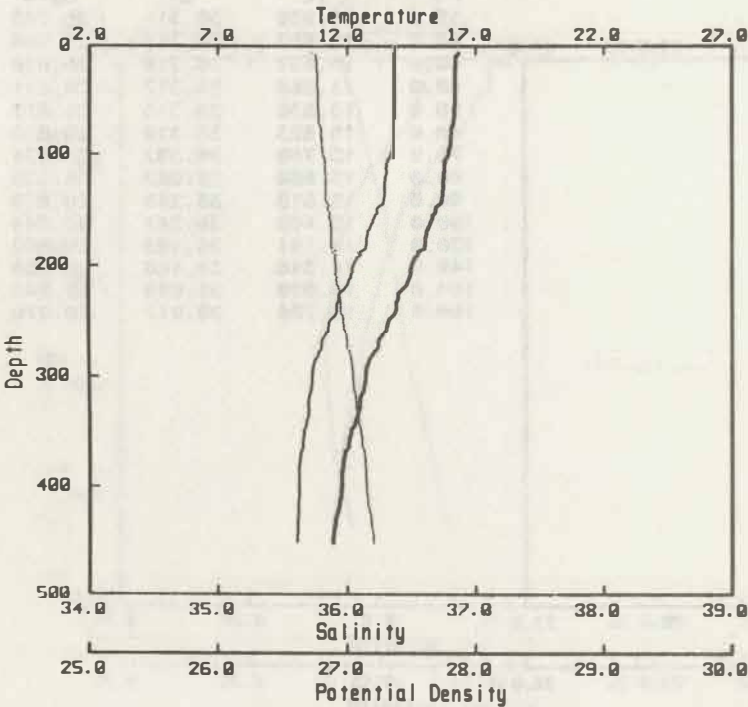


PR	TE	SA	SGTH
10.0	16.226	36.365	26.762
20.0	16.207	36.367	26.768
30.0	16.202	36.366	26.769
40.0	16.197	36.366	26.771
50.0	16.197	36.365	26.770
60.0	16.195	36.364	26.770
70.0	16.195	36.364	26.771
80.0	16.198	36.363	26.770
90.0	16.106	36.348	26.780
100.0	15.996	36.340	26.800
120.0	16.012	36.343	26.799
140.0	15.772	36.294	26.817
160.0	15.358	36.210	26.847
180.0	15.067	36.141	26.860
200.0	14.548	36.037	26.894
300.0	12.217	35.668	27.091
400.0	11.698	35.623	27.159



STATION GB1015 : 35 8.7 N 6 40.2 W 27/ 3/86 1441Z 442/ 447m

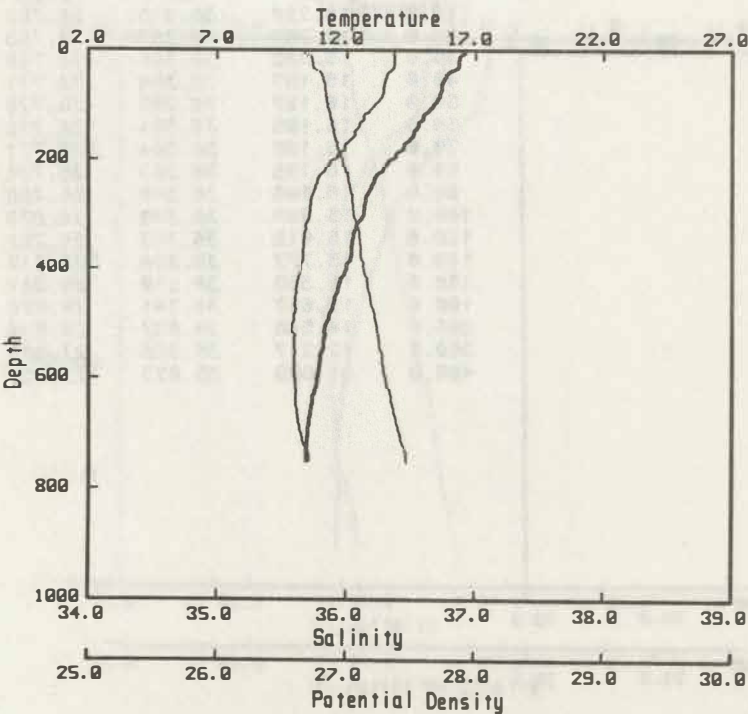
Day : 86.60 SST: 17.3 Tdry : 15.5 RH: 61.0 Wspd: .0 CTD #: 1  
 28 MAR 86 ANC Km E and N of Tarifa: -94.0km -95.0km  
 X-3 . REDONE USING CTD #1



PR	TE	SA	SGTH
10.0	16.227	36.362	26.760
20.0	16.202	36.364	26.767
30.0	16.198	36.365	26.769
40.0	16.193	36.367	26.772
50.0	16.190	36.367	26.774
60.0	16.171	36.365	26.777
70.0	16.131	36.358	26.781
80.0	16.037	36.353	26.799
90.0	16.008	36.350	26.804
100.0	15.923	36.335	26.813
120.0	15.718	36.297	26.831
140.0	15.662	36.286	26.836
160.0	15.216	36.201	26.872
180.0	15.016	36.153	26.880
200.0	14.493	36.045	26.912
300.0	12.704	35.730	27.044
400.0	11.782	35.629	27.147

STATION GB1016 : 35 8.8 N 6 49.6 W 27/ 3/86 1641Z 752/ 757m

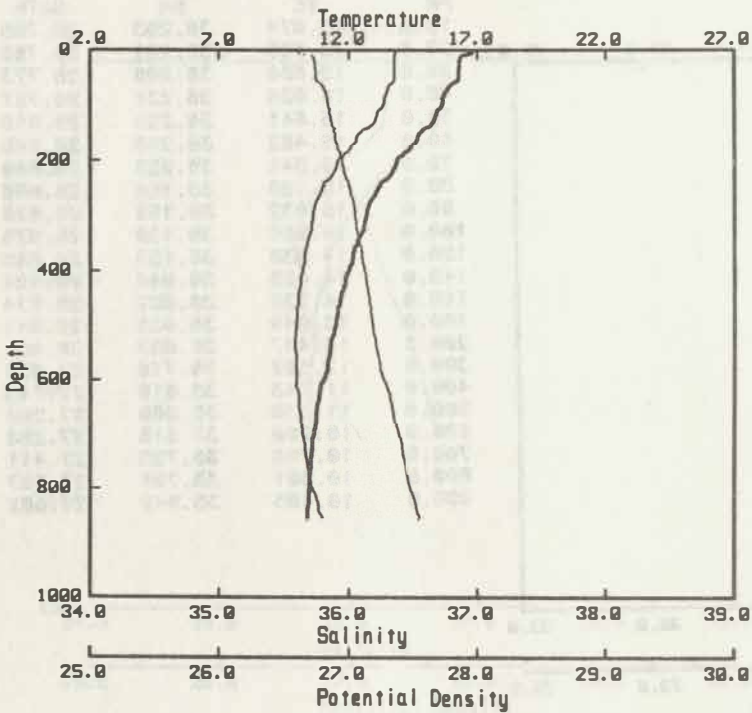
Day : 86.68 SST: 16.5 Tdry : 15.9 RH: 70.0 Wspd: 5.0 CTD #: 1  
 29 MAR 86 NAB. HEADER NOT CHECKM E and N of Tarifa: -108.2km -94.8km  
 X-4 .SS



PR	TE	SA	SGTH
10.0	16.375	36.363	26.726
20.0	16.324	36.362	26.737
30.0	16.305	36.360	26.741
40.0	15.975	36.328	26.793
50.0	15.792	36.306	26.819
60.0	15.682	36.288	26.830
70.0	15.646	36.282	26.834
80.0	15.592	36.275	26.841
90.0	15.494	36.249	26.844
100.0	15.325	36.212	26.854
120.0	14.951	36.129	26.874
140.0	14.729	36.087	26.891
160.0	14.457	36.040	26.915
180.0	14.192	35.987	26.932
200.0	13.651	35.890	26.972
300.0	12.628	35.718	27.049
400.0	11.971	35.647	27.125
500.0	11.216	35.586	27.222
600.0	10.889	35.605	27.299
700.0	10.533	35.651	27.401

STATION GB1017 : 35 10.1 N 6 59.5 W 27/ 3/86 1845Z 857/ 862m

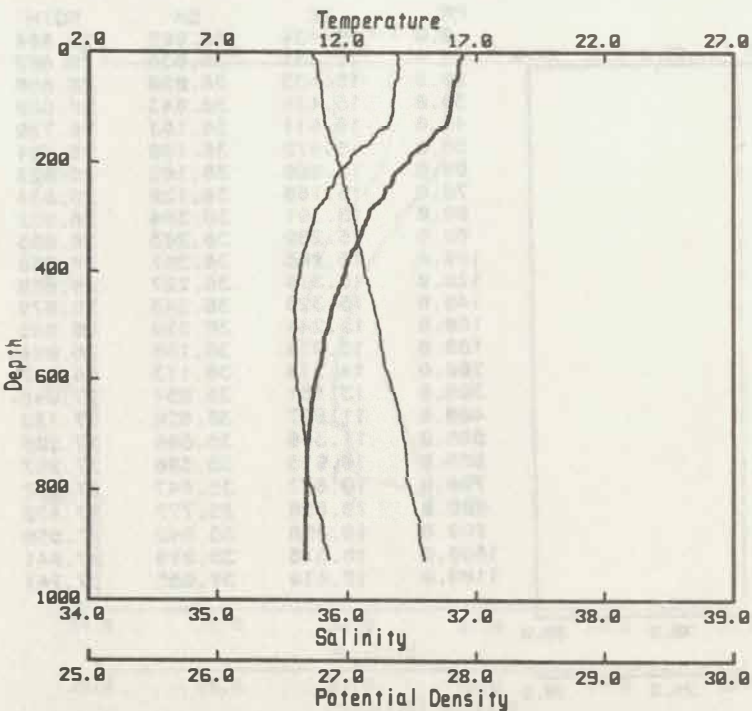
Day: 86.77 SST: 16.1 Tdry: 15.1 RH: 80.0 Wspd: 2.0 CTD #: 1  
 29 MAR 86 ANC Km E and N of Tarifa: -123.1km -92.4km  
 VII-1 .STILL CTD #1—DIGITIZER PROBLEMS WITH CTD #3



PR	TE	SA	SGTH
10.0	16.386	36.355	26.717
20.0	16.299	36.354	26.737
30.0	16.281	36.354	26.742
40.0	16.272	36.354	26.744
50.0	16.264	36.355	26.747
60.0	16.027	36.330	26.783
70.0	15.824	36.302	26.809
80.0	15.709	36.287	26.824
90.0	15.612	36.271	26.834
100.0	15.561	36.262	26.839
120.0	15.302	36.208	26.857
140.0	14.877	36.128	26.890
160.0	14.605	36.055	26.894
180.0	14.312	36.001	26.917
200.0	13.848	35.913	26.948
300.0	12.667	35.723	27.046
400.0	11.970	35.642	27.122
500.0	11.469	35.594	27.181
600.0	11.005	35.595	27.270
700.0	10.611	35.640	27.378
800.0	10.448	35.716	27.468

STATION GB1018 : 35 17.9 N 7 1.3 W 27/ 3/86 2117Z 927/ 932m

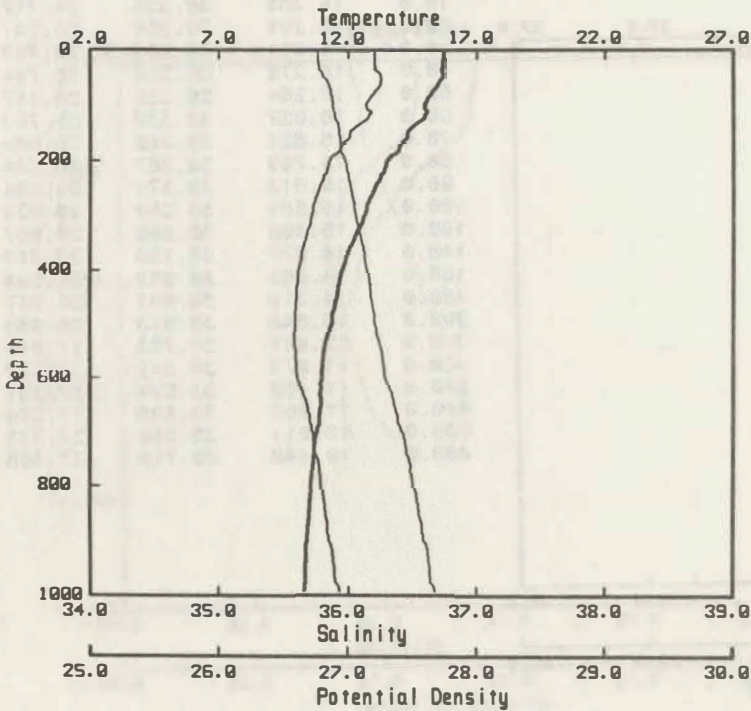
Day: 86.88 SST: 16.4 Tdry: 14.3 RH: 90.0 Wspd: 6.0 CTD #: 1  
 29 MAR 86 ANC Km E and N of Tarifa: -125.7km -78.0km  
 VII-2



PR	TE	SA	SGTH
2.0	16.438	36.369	26.715
10.0	16.424	36.390	26.735
20.0	16.302	36.388	26.762
30.0	16.288	36.390	26.768
40.0	16.280	36.388	26.768
50.0	16.214	36.383	26.780
60.0	16.088	36.362	26.794
70.0	16.059	36.358	26.798
80.0	16.043	36.356	26.800
90.0	16.001	36.348	26.804
100.0	15.983	36.346	26.807
120.0	15.899	36.334	26.818
140.0	15.503	36.258	26.851
160.0	15.141	36.178	26.871
180.0	14.570	36.062	26.908
200.0	14.279	36.008	26.930
300.0	12.765	35.740	27.039
400.0	11.901	35.631	27.126
500.0	11.231	35.596	27.227
600.0	10.745	35.606	27.325
700.0	10.487	35.663	27.418
800.0	10.417	35.732	27.486
900.0	10.374	35.826	27.569

STATION GB1019 : 35 30.2 N 7 .0 W 27/ 3/86 2350Z 992/ 997m

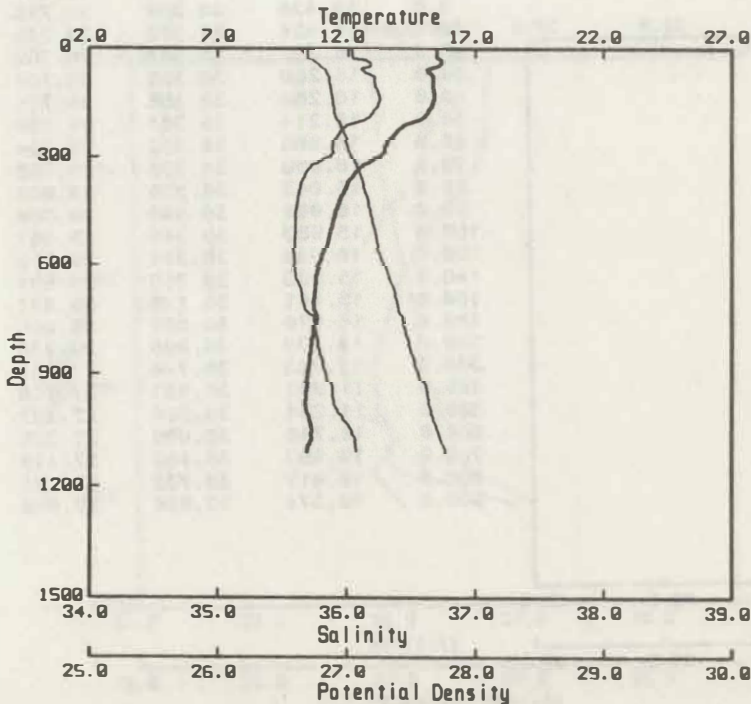
Day: 86.98 SST: 15.7 Tdry: 14.0 RH: 79.1 Wspd: 9.0 CTD #: 1  
 29 MAR 86 NAB. POS:SHL/SATNAV Km E and N of Tarifa: -123.6km -55.3km  
 VII-3



PR	TE	SA	SGTH
10.0	15.674	36.203	26.765
20.0	15.666	36.201	26.766
30.0	15.650	36.206	26.773
40.0	15.634	36.231	26.797
50.0	15.641	36.250	26.810
60.0	15.482	36.248	26.845
70.0	15.342	36.225	26.859
80.0	15.180	36.186	26.866
90.0	15.032	36.156	26.876
100.0	14.966	36.139	26.878
120.0	14.938	36.153	26.895
140.0	14.425	36.044	26.924
160.0	14.232	36.002	26.934
180.0	13.949	35.935	26.943
200.0	13.467	35.653	26.981
300.0	12.592	35.716	27.055
400.0	11.743	35.616	27.145
500.0	11.336	35.589	27.202
600.0	10.990	35.615	27.288
700.0	10.796	35.725	27.411
800.0	10.581	35.795	27.507
900.0	10.405	35.849	27.582

STATION GB1020 : 35 39.5 N 7 .0 W 28/ 3/86 202Z 1112/1117m

Day: 87.08 SST: 15.4 Tdry: 13.8 RH: 99.0 Wspd: 8.0 CTD #: 1  
 29 MAR 86 NAB. NO UPTRACE Km E and N of Tarifa: -123.4km -38.0km  
 VII-4

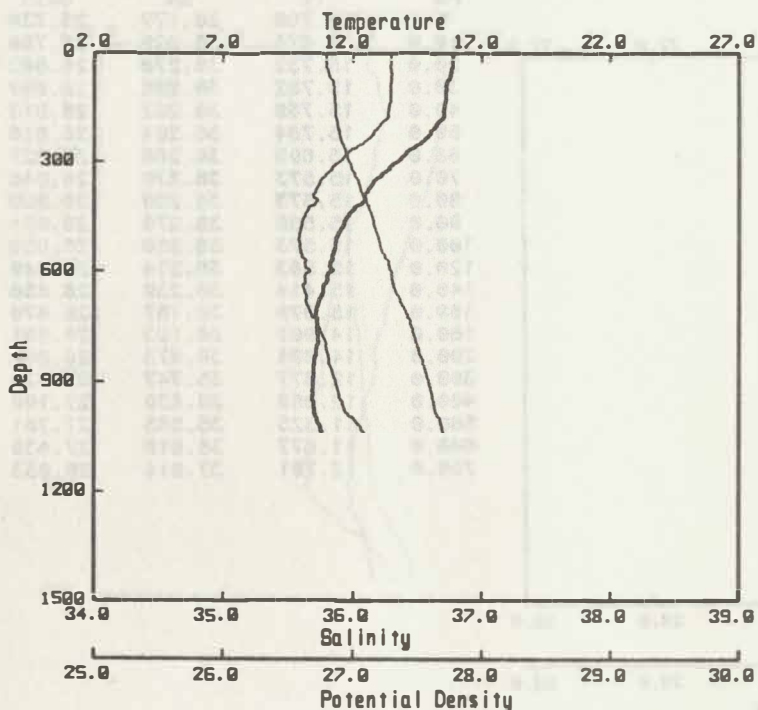


PR	TE	SA	SGTH
2.0	15.434	36.002	26.664
10.0	15.431	36.030	26.687
20.0	15.435	36.030	26.686
30.0	15.474	36.043	26.688
40.0	15.611	36.163	26.750
50.0	15.472	36.166	26.784
60.0	15.080	36.102	26.823
70.0	15.160	36.139	26.834
80.0	15.301	36.204	26.852
90.0	15.289	36.203	26.855
100.0	15.285	36.207	26.859
120.0	15.319	36.227	26.868
140.0	15.325	36.243	26.879
160.0	15.244	36.226	26.885
180.0	15.074	36.188	26.894
200.0	14.714	36.113	26.917
300.0	13.161	35.854	27.048
400.0	11.827	35.620	27.132
500.0	11.340	35.594	27.205
600.0	10.915	35.596	27.287
700.0	10.677	35.647	27.372
800.0	10.696	35.777	27.472
900.0	10.498	35.842	27.560
1000.0	10.375	35.915	27.641
1100.0	10.439	36.055	27.741



STATION GB1021 : 35 49.5 N 7 .5 W 28/ 3/86 447Z 1030/1045m

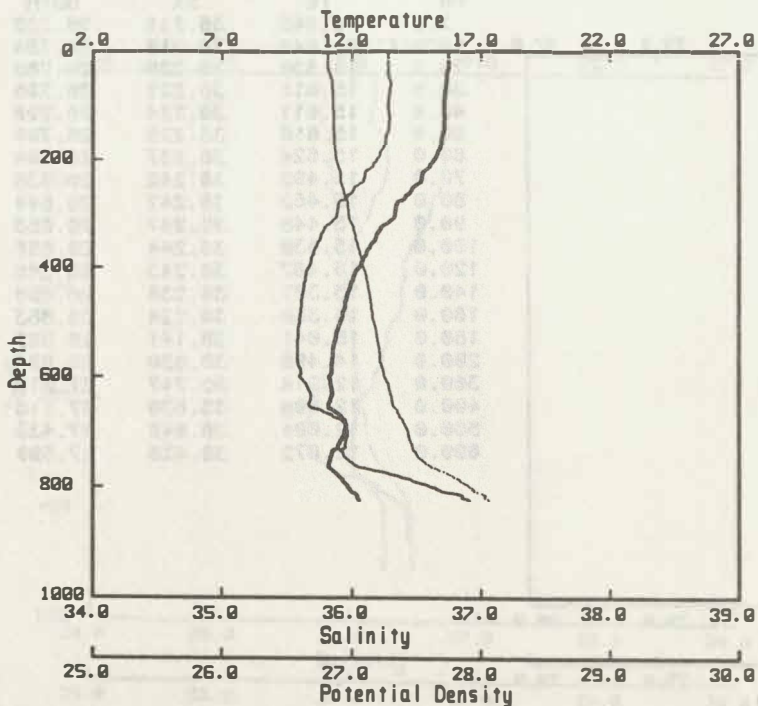
Day: 87.19 SST: 15.2 Tdry: 13.4 RH: 92.4 Wspd: 9.0 CTD #: 1  
 1 APR 86 CAP POS:SHL/SATNAV Km E and N of Tarifa: -124.0km -19.4km  
 VII-5 REREAD OF STATION 1 APR 86, CAP.



PR	TE	SA	SGTH
10.0	15.850	36.297	26.797
20.0	15.850	36.296	26.796
30.0	15.846	36.295	26.797
40.0	15.823	36.292	26.800
50.0	15.791	36.296	26.811
60.0	15.758	36.297	26.820
70.0	15.699	36.297	26.834
80.0	15.622	36.293	26.848
90.0	15.591	36.288	26.852
100.0	15.592	36.290	26.854
120.0	15.575	36.288	26.857
140.0	15.532	36.280	26.861
160.0	15.492	36.271	26.864
180.0	15.398	36.252	26.871
200.0	15.178	36.200	26.881
300.0	13.644	35.882	26.970
400.0	12.459	35.717	27.085
500.0	11.417	35.590	27.188
600.0	11.108	35.659	27.301
700.0	10.607	35.664	27.398
800.0	10.612	35.791	27.498
900.0	10.454	35.867	27.587
1000.0	10.615	36.008	27.671

STATION GB1022 : 35 59.4 N 7 .3 W 28/ 3/86 721Z 824/ 829m

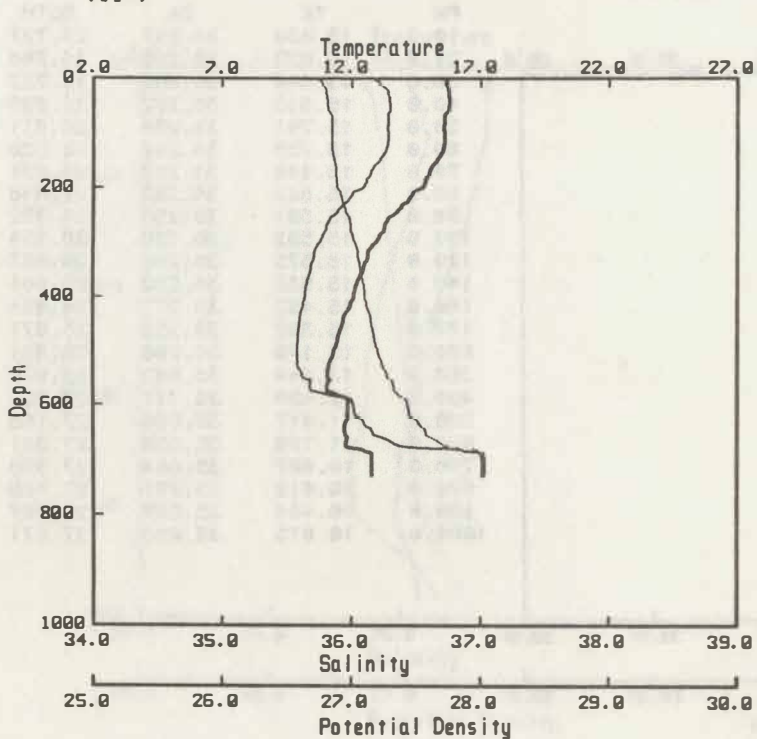
Day: 87.30 SST: 15.7 Tdry: 14.6 RH: -9.0 Wspd: 6.0 CTD #: 1  
 28 MAR 86 NAB. POS:OK/SAT Km E and N of Tarifa: -123.6km -1.1km  
 VII-6 \*\*\* uptrace \*\*\*



PR	TE	SA	SGTH
2.0	15.727	36.278	26.810
10.0	15.725	36.280	26.812
20.0	15.727	36.280	26.812
30.0	15.712	36.280	26.816
40.0	15.658	36.280	26.829
50.0	15.645	36.293	26.842
60.0	15.630	36.298	26.850
70.0	15.615	36.294	26.850
80.0	15.582	36.286	26.852
90.0	15.562	36.282	26.854
100.0	15.557	36.282	26.855
120.0	15.567	36.287	26.858
140.0	15.550	36.282	26.858
160.0	15.462	36.262	26.864
180.0	15.346	36.233	26.868
200.0	15.151	36.190	26.879
300.0	13.641	35.884	26.972
400.0	12.247	35.668	27.088
500.0	11.546	35.596	27.169
600.0	11.115	35.596	27.251
700.0	11.718	35.967	27.430
800.0	11.835	36.607	27.907

STATION GB1023 : 36 9.6 N 6 59.6 W 28/ 3/86 930Z 729/ 734m

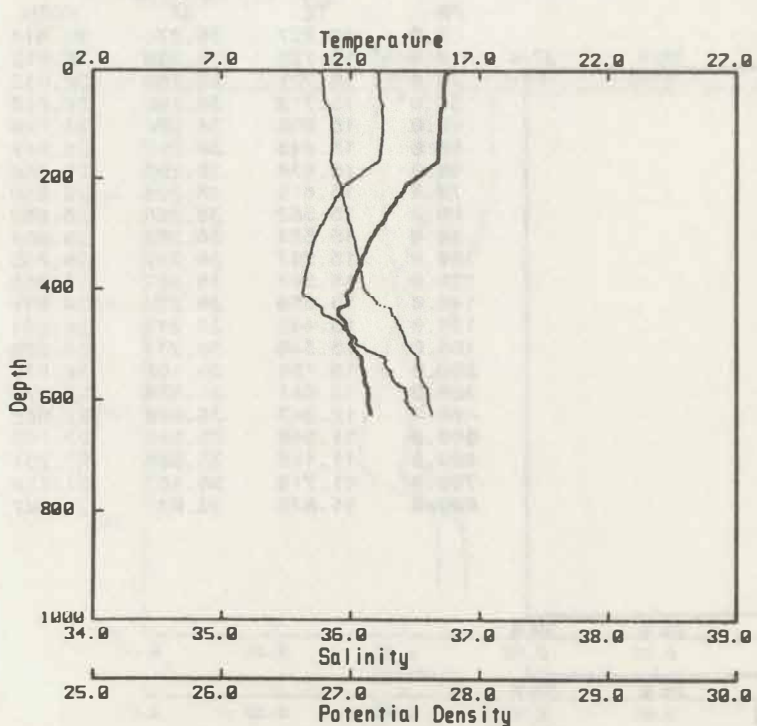
Day : 87.39 SST: 15.8 Tdry : -9.0 RH: -9.0 Wspd: 6.0 CTD #: 3  
 28 MAR 86 NAB. POS:SHL/SATNAV Km E and N of Tarifa: -122.4km 17.8km  
 VII-7



PR	TE	SA	SGTH
2.0	15.700	36.177	26.739
10.0	15.671	36.222	26.780
20.0	15.739	36.270	26.802
30.0	15.762	36.286	26.809
40.0	15.769	36.292	26.813
50.0	15.764	36.294	26.816
60.0	15.698	36.288	26.827
70.0	15.573	36.279	26.848
80.0	15.573	36.280	26.850
90.0	15.555	36.276	26.851
100.0	15.573	36.280	26.850
120.0	15.563	36.274	26.849
140.0	15.414	36.239	26.856
160.0	15.079	36.167	26.876
180.0	14.907	36.123	26.881
200.0	14.694	36.103	26.890
300.0	12.877	35.747	27.022
400.0	12.069	35.639	27.100
500.0	11.325	35.585	27.201
600.0	11.877	36.016	27.435
700.0	12.791	37.014	28.033

STATION GB1024 : 36 19.8 N 7 .1 W 28/ 3/86 1304Z 625/ 630m

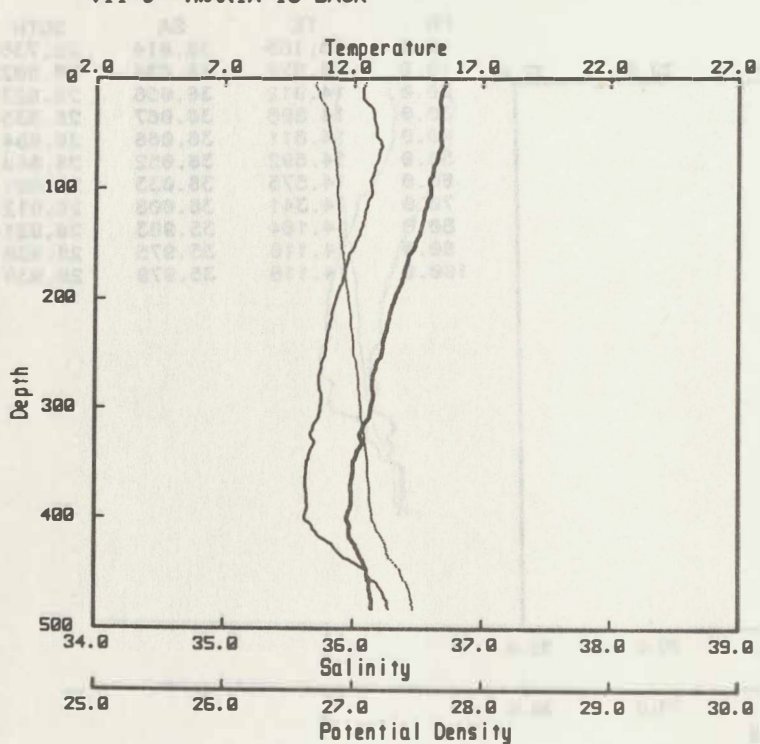
Day : 87.47 SST: 16.0 Tdry : 16.0 RH: -9.0 Wspd: 6.5 CTD #: 3  
 28 MAR 86 NAB. POS:SHL/SATNAV Km E and N of Tarifa: -123.1km 36.7km  
 VII-8 . NO REL HUM



PR	TE	SA	SGTH
2.0	15.842	36.211	26.732
10.0	15.640	36.218	26.784
20.0	15.630	36.220	26.788
30.0	15.611	36.222	26.795
40.0	15.611	36.224	26.796
50.0	15.616	36.225	26.796
60.0	15.624	36.237	26.804
70.0	15.492	36.242	26.838
80.0	15.469	36.242	26.844
90.0	15.448	36.247	26.853
100.0	15.430	36.244	26.855
120.0	15.407	36.243	26.860
140.0	15.397	36.236	26.858
160.0	15.380	36.224	26.853
180.0	15.041	36.141	26.865
200.0	14.496	36.030	26.900
300.0	12.914	35.747	27.015
400.0	12.008	35.636	27.110
500.0	12.004	36.049	27.433
600.0	12.672	36.428	27.599

STATION GB1025 : 36 29.8 N 7 .1 W 28/ 3/86 1320Z 480/ 485m

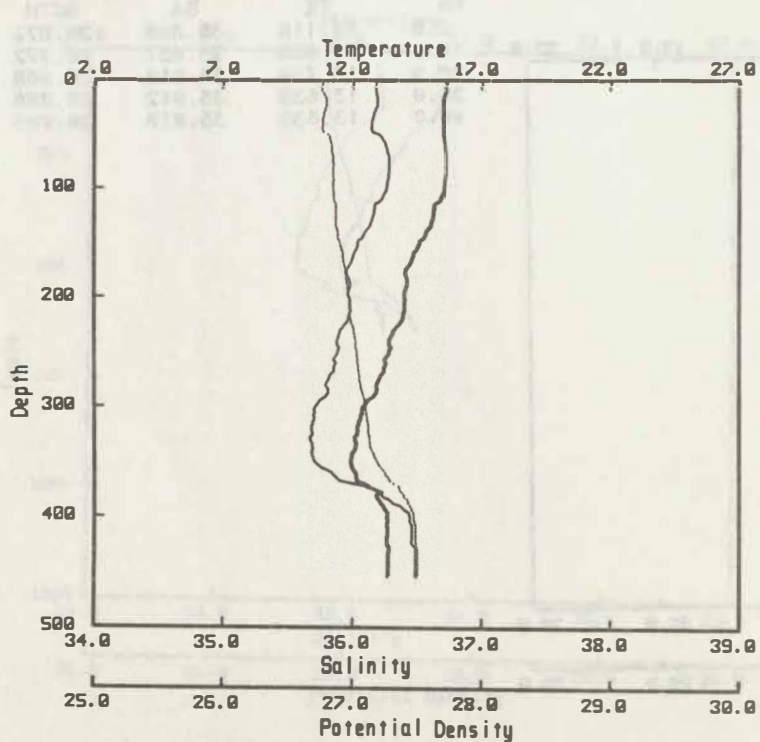
Day: 87.55 SST: 15.4 Tdry: 16.1 RH: 29.8 Wspd: 12.0 CTD #: 3  
 28 MAR 86 SS POS:SHL/SATNAV Km E and N of Tarifa: -123.0km 55.2km  
 VII-9 .MARIA IS BACK



PR	TE	SA	SGTH
10.0	15.430	36.068	26.716
20.0	15.339	36.078	26.745
30.0	15.385	36.153	26.793
40.0	15.388	36.165	26.802
50.0	15.368	36.179	26.817
60.0	15.400	36.222	26.843
70.0	15.261	36.198	26.857
80.0	15.101	36.164	26.866
90.0	14.977	36.136	26.873
100.0	14.992	36.140	26.873
120.0	14.756	36.090	26.887
140.0	14.578	36.050	26.896
160.0	14.133	35.962	26.924
180.0	13.925	35.923	26.939
200.0	13.603	35.865	26.962
300.0	12.678	35.744	27.060
400.0	11.762	35.627	27.150

STATION GB1026 : 36 39.3 N 6 59.3 W 28/ 3/86 1511Z 453/ 458m

Day: 87.63 SST: 14.8 Tdry: 16.0 RH: 74.5 Wspd: 10.0 CTD #: 3  
 29 MAR 86 NAB POS:SHL/SATNAV Km E and N of Tarifa: -121.6km 72.8km  
 VII-10

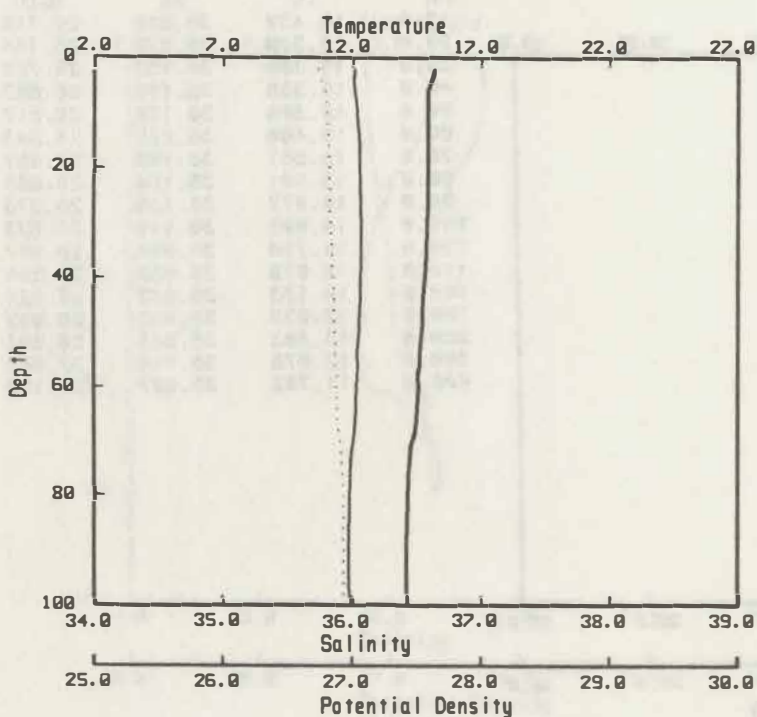


PR	TE	SA	SGTH
2.0	15.617	36.179	26.759
10.0	15.602	36.177	26.761
20.0	15.489	36.185	26.793
30.0	15.485	36.160	26.775
40.0	15.480	36.144	26.765
50.0	15.483	36.197	26.805
60.0	15.547	36.249	26.831
70.0	15.581	36.274	26.843
80.0	15.574	36.275	26.845
90.0	15.556	36.268	26.845
100.0	15.513	36.255	26.845
120.0	15.100	36.158	26.863
140.0	14.801	36.087	26.875
160.0	14.312	36.000	26.915
180.0	14.009	35.950	26.942
200.0	13.975	35.967	26.963
300.0	12.372	35.707	27.091
400.0	13.316	36.434	27.468



STATION GB1027 : 36 49.3 N 6 59.6 W 28/ 3/86 1657Z 100/ 105m

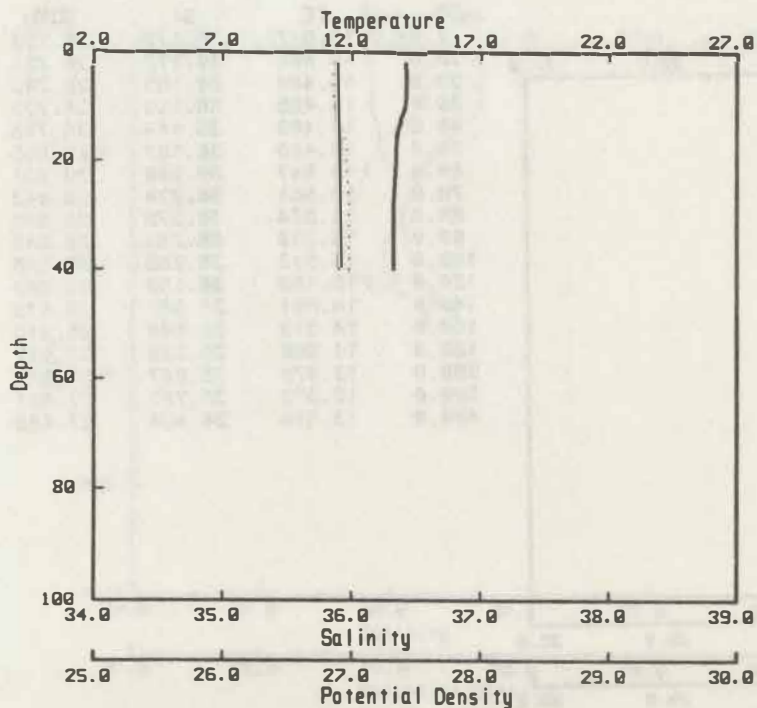
Day: 87.69 SST: 15.2 Tdr y: 16.4 RH: 78.0 Wspd: 9.0 CTD #: 3  
 31 MAR 86 NAB POS:OK/SATNAV Km E and N of Tarifa: -121.9km 91.3km  
 VII-11



PR	TE	SA	SGTH
2.0	15.155	36.014	26.736
10.0	14.928	36.034	26.802
20.0	14.912	36.056	26.823
30.0	14.898	36.067	26.835
40.0	14.811	36.066	26.854
50.0	14.692	36.052	26.869
60.0	14.575	36.033	26.881
70.0	14.341	36.008	26.912
80.0	14.164	35.983	26.931
90.0	14.116	35.975	26.936
100.0	14.118	35.979	26.939

STATION GB1028 : 36 59.6 N 6 59.7 W 28/ 3/86 1832Z 40/ 47m

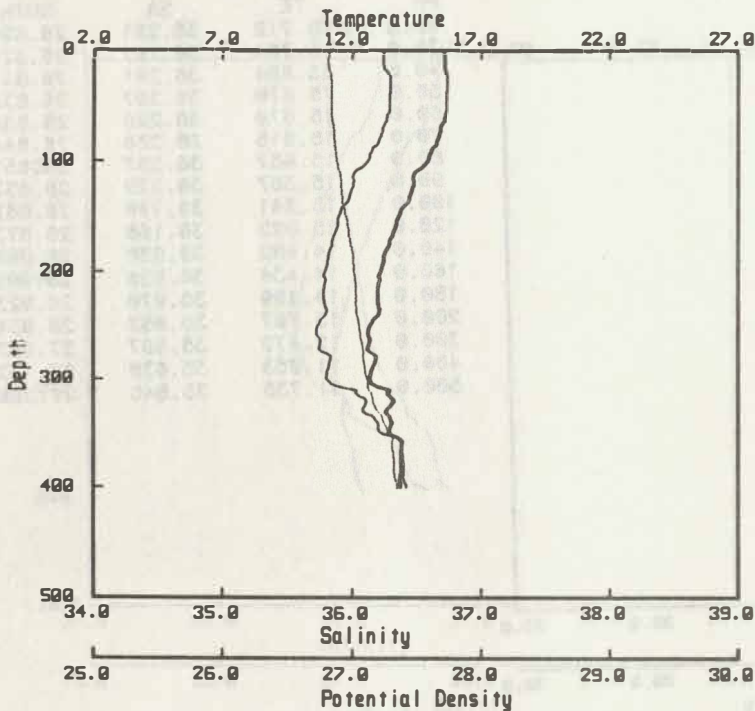
Day: 87.76 SST: 14.2 Tdr y: 14.3 RH: 81.0 Wspd: 4.0 CTD #: 3  
 31 MAR 86 NAB POS:SHL/RAD Km E and N of Tarifa: -121.9km 110.3km  
 VII-12



PR	TE	SA	SGTH
2.0	14.118	35.896	26.872
10.0	14.086	35.887	26.872
20.0	13.739	35.916	26.968
30.0	13.638	35.912	26.986
40.0	13.639	35.910	26.985

STATION GB1029 : 36 55.0 N 7 29.8 W 28/ 3/86 2127Z 399/ 405m

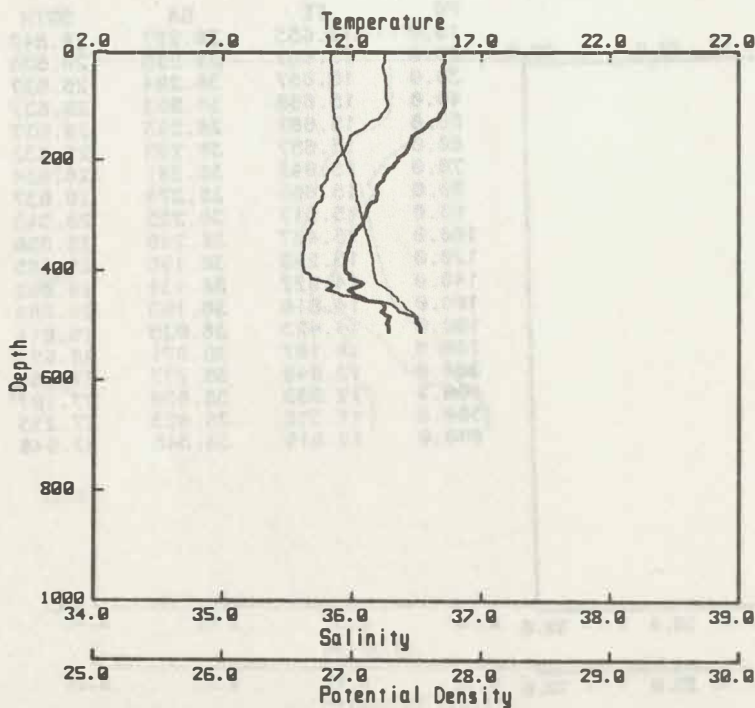
Day: 87.89 SST: 14.4 Tdry: 14.0 RH: 59.8 Wspd: 10.0 CTD #: 3  
31 MAR 86 NAB POS:OK/SATNAV Km E and N of Tarifa: -166.8km 101.8km  
VIII-12



PR	TE	SA	SGTH
2.0	15.563	36.239	26.818
10.0	15.584	36.242	26.815
20.0	15.636	36.282	26.835
30.0	15.651	36.290	26.838
40.0	15.618	36.283	26.840
50.0	15.621	36.283	26.840
60.0	15.555	36.264	26.841
70.0	15.385	36.233	26.856
80.0	15.293	36.207	26.857
90.0	15.046	36.153	26.871
100.0	14.892	36.118	26.878
120.0	14.351	36.007	26.911
140.0	13.987	35.933	26.932
160.0	13.645	35.883	26.966
180.0	13.302	35.829	26.996
200.0	13.095	35.792	27.010
300.0	12.658	35.806	27.112
400.0	13.834	36.412	27.343

STATION GB1030 : 36 49.9 N 7 29.5 W 28/ 3/86 2231Z 511/ 516m

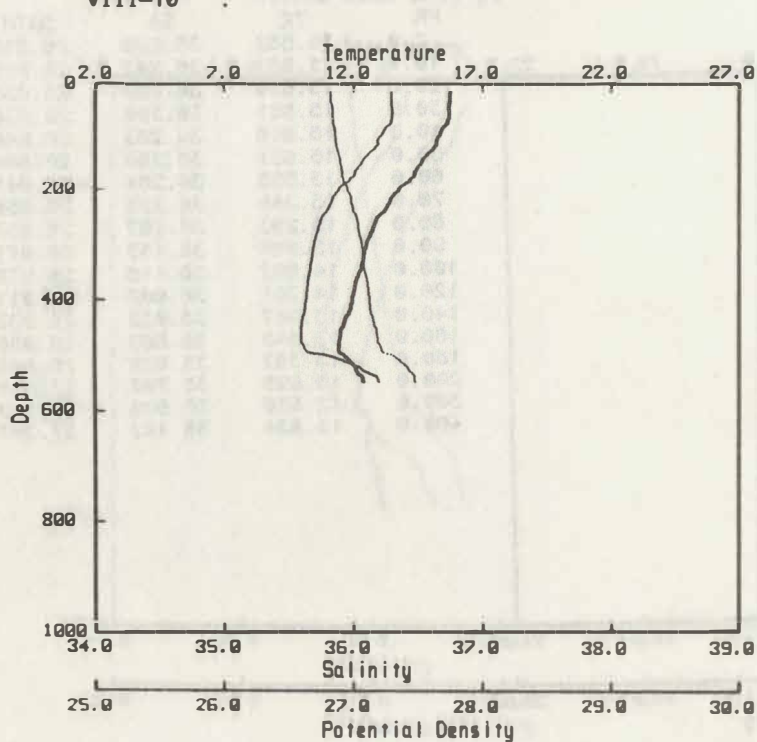
Day: 87.93 SST: 14.4 Tdry: 13.8 RH: 64.6 Wspd: 10.7 CTD #: 3  
31 MAR 86 NAB POS:OK/SATNAV Km E and N of Tarifa: -166.5km 92.4km  
VIII-11



PR	TE	SA	SGTH
10.0	15.537	36.243	26.827
20.0	15.534	36.243	26.828
30.0	15.454	36.233	26.839
40.0	15.469	36.240	26.841
50.0	15.500	36.251	26.843
60.0	15.501	36.253	26.844
70.0	15.502	36.254	26.845
80.0	15.503	36.254	26.845
90.0	15.514	36.258	26.846
100.0	15.553	36.271	26.848
120.0	15.329	36.215	26.856
140.0	14.808	36.093	26.879
160.0	14.268	35.976	26.906
180.0	14.108	35.945	26.917
200.0	13.732	35.881	26.948
300.0	12.482	35.700	27.064
400.0	11.723	35.629	27.158
500.0	13.376	36.516	27.522

STATION GB1031 : 36 39.4 N 7 29.8 W 29/ 3/86 7Z 540/ 543m

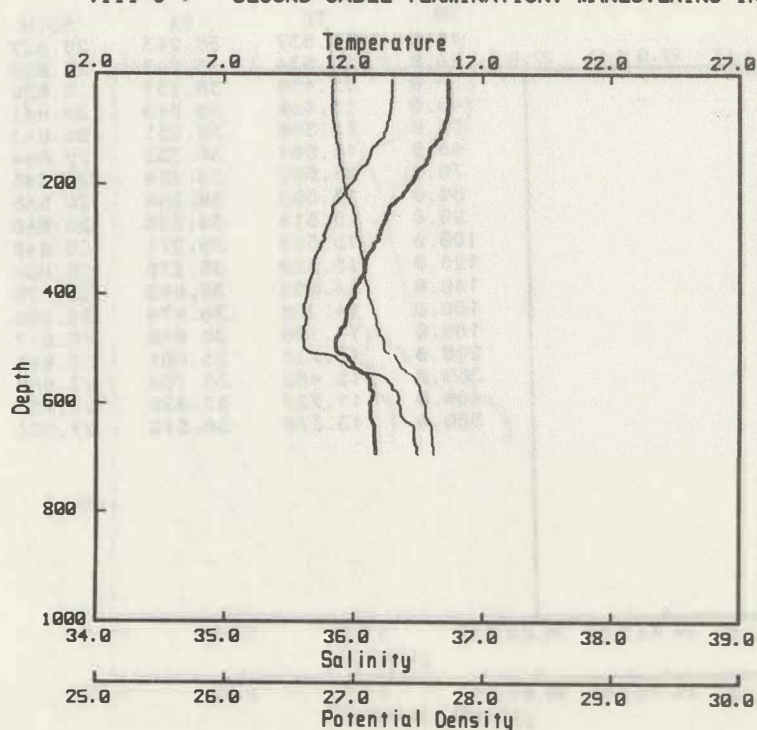
Day : 88.00 SST: 16.0 Tdry: 13.3 RH: 63.4 Wspd: 16.0 CTD #: 3  
 29 MAR 86 NAB. POS:SHL/SATNAV Km E and N of Tarifa: -167.1km 73.0km  
 VIII-10



PR	TE	SA	SGTH
20.0	15.712	36.291	26.824
30.0	15.704	36.291	26.826
40.0	15.684	36.291	26.831
50.0	15.670	36.297	26.839
60.0	15.670	36.296	26.839
70.0	15.615	36.286	26.844
80.0	15.487	36.257	26.851
90.0	15.367	36.229	26.857
100.0	15.241	36.198	26.862
120.0	15.092	36.168	26.873
140.0	14.682	36.080	26.896
160.0	14.434	36.026	26.909
180.0	14.169	35.970	26.923
200.0	13.707	35.882	26.954
300.0	12.479	35.697	27.063
400.0	11.953	35.638	27.122
500.0	11.735	35.845	27.326

STATION GB1032 : 36 30.0 N 7 30.0 W 29/ 3/86 549Z 692/ 700m

Day : 88.23 SST: 14.2 Tdry: 11.2 RH: 71.2 Wspd: 15.0 CTD #: 3  
 29 MAR 86 CAP POS:SATNAV LKm E and N of Tarifa: -167.6km 55.6km  
 VIII-9 . SECOND CABLE TERMINATION. MANEUVERING IN TRAFFIC.

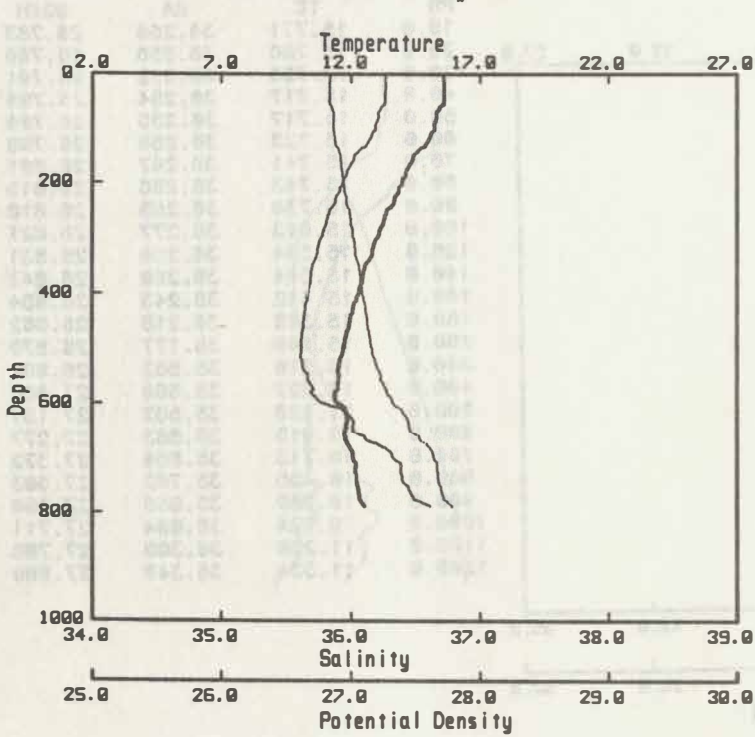


PR	TE	SA	SGTH
10.0	15.653	36.297	26.842
20.0	15.667	36.293	26.836
30.0	15.667	36.294	26.837
40.0	15.668	36.293	26.837
50.0	15.667	36.293	26.837
60.0	15.657	36.283	26.832
70.0	15.642	36.281	26.834
80.0	15.608	36.274	26.837
90.0	15.517	36.255	26.843
100.0	15.467	36.249	26.850
120.0	15.225	36.196	26.865
140.0	14.927	36.131	26.882
160.0	14.810	36.103	26.886
180.0	14.423	36.028	26.914
200.0	14.167	35.971	26.925
300.0	12.949	35.777	27.031
400.0	12.033	35.639	27.107
500.0	11.312	35.623	27.233
600.0	12.619	36.345	27.546



STATION GB1033 : 36 20.3 N 7 30.2 W 29/ 3/86 752Z 788/ 793m

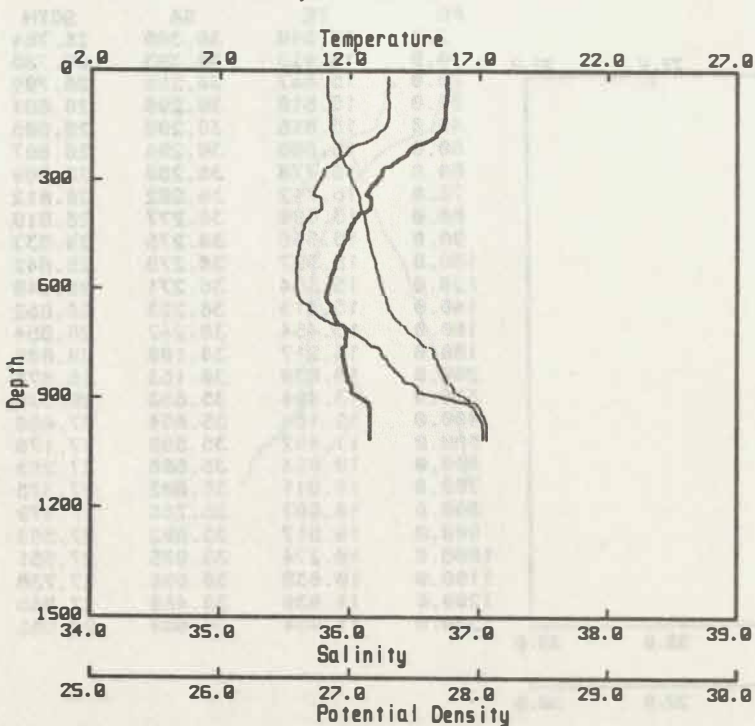
Day: 88.31 SST: 13.9 Tdry: 12.1 RH: 70.0 Wspd: 15.0 CTD #: 3  
 29 MAR 86 CAP POS:SATNAV DKm E and N of Tarifa: -168.0km 37.6km  
 VIII-8 TRYING DEC KUNIT #1



PR	TE	SA	SGTH
10.0	15.571	36.266	26.837
20.0	15.578	36.266	26.836
30.0	15.579	36.264	26.834
40.0	15.583	36.262	26.832
50.0	15.585	36.260	26.830
60.0	15.416	36.233	26.848
70.0	15.273	36.208	26.862
80.0	15.274	36.209	26.862
90.0	15.206	36.191	26.864
100.0	15.205	36.187	26.862
120.0	14.998	36.142	26.874
140.0	14.581	36.061	26.904
160.0	14.343	36.012	26.918
180.0	14.118	35.965	26.930
200.0	13.960	35.933	26.940
300.0	12.965	35.764	27.018
400.0	12.259	35.668	27.086
500.0	11.673	35.619	27.163
600.0	11.588	35.808	27.328
700.0	12.091	36.327	27.638

STATION GB1034 : 36 10.0 N 7 30.7 W 29/ 3/86 946Z 1013/1018m

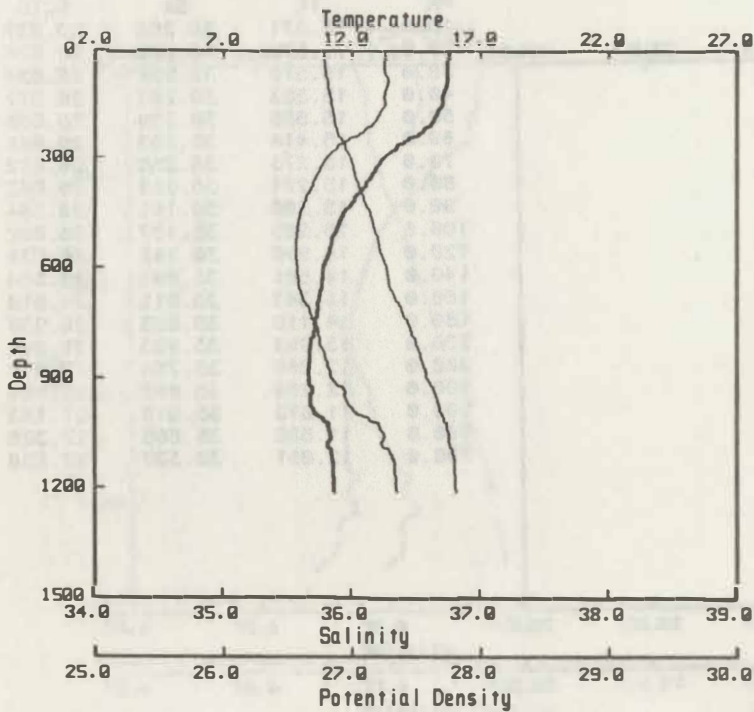
Day: 88.39 SST: 14.7 Tdry: 13.0 RH: 70.5 Wspd: 16.0 CTD #: 3  
 29 MAR 86 NAB. POS:OK/SATNAV Km E and N of Tarifa: -169.0km 18.6km  
 VIII-7 HI MOM, LOVE STEVE



PR	TE	SA	SGTH
20.0	15.714	36.293	26.825
30.0	15.714	36.294	26.826
40.0	15.712	36.292	26.826
50.0	15.715	36.291	26.825
60.0	15.714	36.292	26.826
70.0	15.713	36.290	26.825
80.0	15.704	36.293	26.830
90.0	15.675	36.299	26.841
100.0	15.666	36.299	26.844
120.0	15.649	36.296	26.846
140.0	15.616	36.285	26.846
160.0	15.535	36.257	26.843
180.0	15.271	36.198	26.858
200.0	14.654	36.065	26.893
300.0	13.031	35.765	27.005
400.0	12.254	35.687	27.102
500.0	11.584	35.598	27.163
600.0	11.130	35.591	27.244
700.0	11.594	35.886	27.390
800.0	11.753	36.289	27.676
900.0	12.419	36.741	27.901
1000.0	12.764	37.025	28.056

STATION GB1035 : 35 59.7 N 7 30.5 W 29/ 3/86 1242Z 1214/1219m

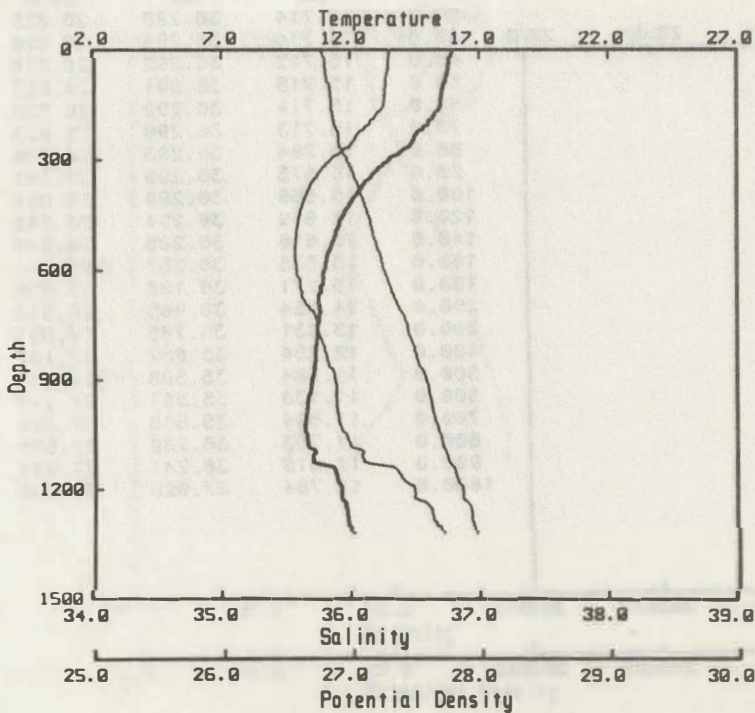
Day: 88.52 SST: 14.8 Tdry: 14.2 RH: 67.0 Wspd: 5.0 CTD #: 3  
 29 MAR 86 SS POS:SHL/SATNAV Km E and N of Tarifa: -168.8km -0.6km  
 VIII-6



PR	TE	SA	SGTH
10.0	15.771	36.256	26.783
20.0	15.756	36.255	26.786
30.0	15.726	36.252	26.791
40.0	15.717	36.254	26.795
50.0	15.717	36.255	26.796
60.0	15.723	36.258	26.798
70.0	15.741	36.267	26.801
80.0	15.743	36.286	26.815
90.0	15.730	36.285	26.818
100.0	15.693	36.277	26.821
120.0	15.594	36.260	26.831
140.0	15.544	36.260	26.843
160.0	15.442	36.243	26.854
180.0	15.312	36.215	26.862
200.0	15.149	36.177	26.870
300.0	13.216	35.802	26.996
400.0	12.227	35.660	27.086
500.0	11.420	35.582	27.181
600.0	10.915	35.583	27.277
700.0	10.713	35.656	27.372
800.0	10.455	35.762	27.503
900.0	10.389	35.856	27.590
1000.0	10.724	36.084	27.711
1100.0	11.239	36.300	27.788
1200.0	11.334	36.346	27.809

STATION GB1036 : 35 49.6 N 7 31.3 W 29/ 3/86 1456Z 1318/1400m

Day: 88.61 SST: 15.6 Tdry: 15.0 RH: 74.0 Wspd: 16.0 CTD #: 3  
 29 MAR 86 SS POS:SHL/SATNAV Km E and N of Tarifa: -170.3km -19.2km  
 VIII-5

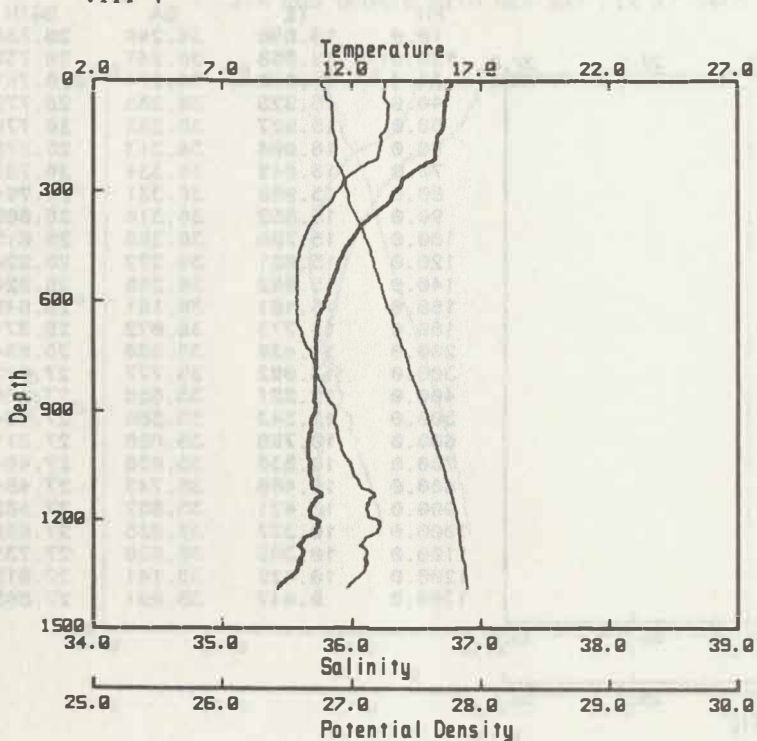


PR	TE	SA	SGTH
2.0	15.946	36.309	26.784
10.0	15.923	36.303	26.785
20.0	15.847	36.298	26.799
30.0	15.818	36.296	26.804
40.0	15.815	36.296	26.805
50.0	15.800	36.294	26.807
60.0	15.778	36.289	26.809
70.0	15.742	36.282	26.812
80.0	15.696	36.277	26.819
90.0	15.636	36.275	26.832
100.0	15.597	36.276	26.842
120.0	15.554	36.271	26.848
140.0	15.513	36.263	26.852
160.0	15.454	36.247	26.854
180.0	15.217	36.196	26.869
200.0	15.039	36.153	26.876
300.0	13.494	35.850	26.976
400.0	12.184	35.654	27.090
500.0	11.452	35.585	27.178
600.0	10.994	35.586	27.265
700.0	10.811	35.682	27.375
800.0	10.697	35.786	27.479
900.0	10.517	35.883	27.589
1000.0	10.274	35.905	27.651
1100.0	10.638	36.096	27.738
1200.0	11.630	36.489	27.865
1300.0	11.954	36.680	27.955



STATION GB1037 : 35 39.5 N 7 30.9 W 29/ 3/86 1719Z 1389/1395m

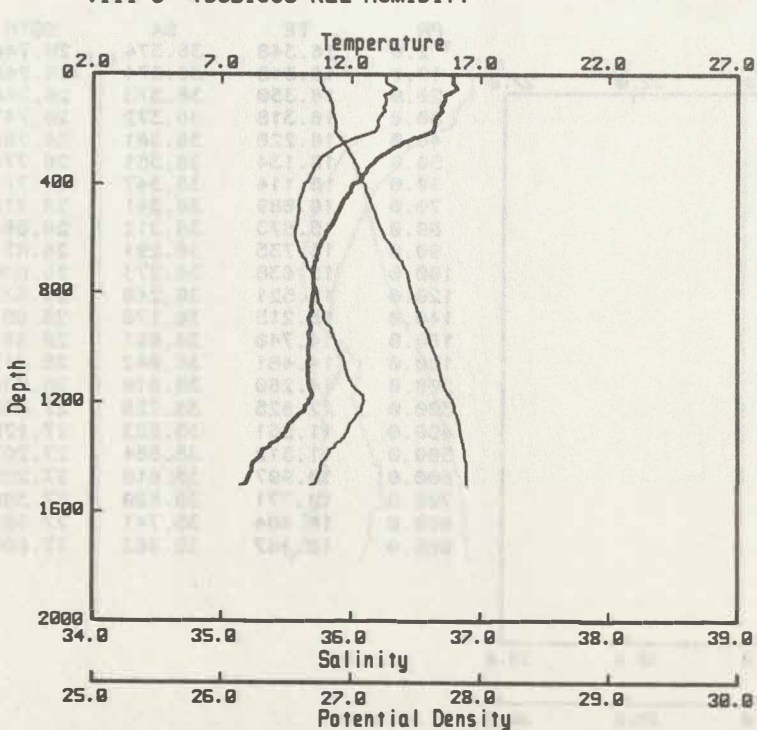
Day: 88.72 SST: 16.0 Tdry: 14.9 RH: 84.0 Wapd: 13.0 CTD #: 3  
 29 MAR 86 SS POS:SHL/SATNAV Km E and N of Tarifa: -169.8km -38.0km  
 VIII-4



PR	TE	SA	SGTH
2.0	15.849	36.254	26.764
10.0	15.843	36.253	26.765
20.0	15.737	36.255	26.791
30.0	15.702	36.253	26.798
40.0	15.688	36.252	26.800
50.0	15.670	36.253	26.806
60.0	15.573	36.276	26.846
70.0	15.585	36.283	26.849
80.0	15.570	36.280	26.850
90.0	15.560	36.278	26.851
100.0	15.558	36.278	26.852
120.0	15.528	36.270	26.854
140.0	15.403	36.241	26.860
160.0	15.293	36.230	26.877
180.0	15.236	36.217	26.881
200.0	15.214	36.206	26.878
300.0	13.694	35.890	26.966
400.0	12.297	35.668	27.078
500.0	11.477	35.584	27.172
600.0	10.955	35.577	27.265
700.0	10.621	35.630	27.369
800.0	10.588	35.740	27.462
900.0	10.571	35.873	27.571
1000.0	10.310	35.917	27.654
1100.0	10.444	36.062	27.746
1200.0	10.745	36.214	27.813
1300.0	10.036	36.100	27.851

STATION GB1038 : 35 28.9 N 7 30.8 W 29/ 3/86 1932Z 1502/1540m

Day: 88.80 SST: 15.5 Tdry: 15.5 RH: 30.0 Wapd: 20.0 CTD #: 3  
 30 MAR 86 CAP POS:SHL/SATNA Km E and N of Tarifa: -169.9km -57.6km  
 VIII-3 .DUBIOUS REL HUMIDITY

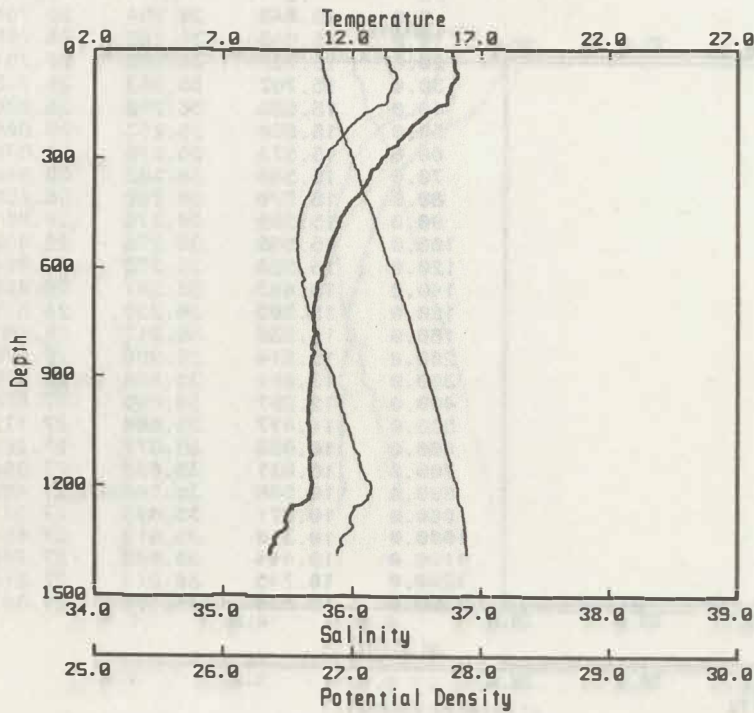


PR	TE	SA	SGTH
10.0	15.914	36.266	26.758
20.0	15.913	36.266	26.759
30.0	15.915	36.266	26.759
40.0	15.974	36.300	26.772
50.0	16.059	36.338	26.782
60.0	15.959	36.307	26.781
70.0	15.771	36.289	26.811
80.0	15.592	36.253	26.824
90.0	15.603	36.267	26.833
100.0	15.555	36.264	26.842
120.0	15.455	36.246	26.852
140.0	15.431	36.240	26.853
160.0	15.262	36.210	26.869
180.0	15.207	36.204	26.877
200.0	15.169	36.190	26.875
300.0	13.105	35.779	27.001
400.0	12.040	35.637	27.104
500.0	11.486	35.594	27.178
600.0	10.949	35.574	27.264
700.0	10.583	35.663	27.401
800.0	10.543	35.738	27.469
900.0	10.373	35.790	27.542
1000.0	10.369	35.897	27.628
1100.0	10.343	35.972	27.693
1200.0	10.365	36.094	27.787
1300.0	9.517	35.976	27.842
1400.0	8.486	35.810	27.879
1500.0	7.892	35.711	27.893



STATION GB1039 : 35 19.3 N 7 30.4 W 29/ 3/86 2156Z 1394/1399m

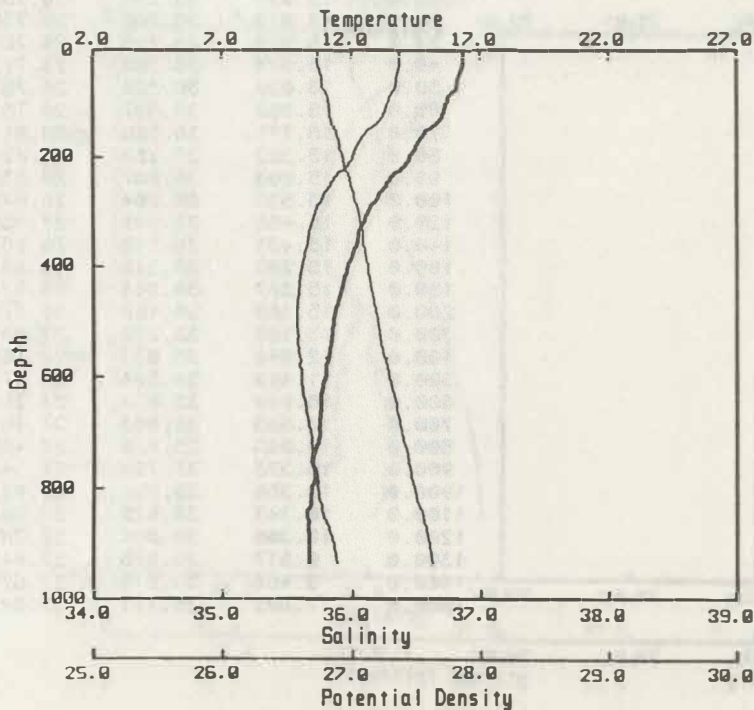
Day: 88.90 SST: 15.5 Tdry: 15.0 RH: 99.0 Wspd: 18.0 CTD #: 3  
 30 MAR NAB POS:OK/SATNAV Km E and N of Tarifa: -169.4km -75.3km  
 VIII-2 HUMIDITY INNCORRECT



PR	TE	SA	SGTH
10.0	15.860	36.249	26.758
20.0	15.868	36.247	26.755
30.0	15.932	36.274	26.761
40.0	15.925	36.283	26.770
50.0	15.927	36.283	26.770
60.0	16.004	36.313	26.775
70.0	16.042	36.334	26.783
80.0	15.989	36.331	26.794
90.0	15.852	36.310	26.809
100.0	15.790	36.298	26.815
120.0	15.681	36.272	26.820
140.0	15.662	36.265	26.820
160.0	15.181	36.161	26.849
180.0	14.773	36.072	26.871
200.0	14.439	36.006	26.894
300.0	13.092	35.777	27.002
400.0	12.221	35.658	27.086
500.0	11.343	35.580	27.194
600.0	10.798	35.600	27.311
700.0	10.536	35.656	27.404
800.0	10.486	35.745	27.484
900.0	10.421	35.857	27.585
1000.0	10.322	35.935	27.666
1100.0	10.385	36.030	27.731
1200.0	10.429	36.141	27.812
1300.0	9.447	35.991	27.865

STATION GB1040 : 35 9.1 N 7 9.7 W 30/ 3/86 148Z 944/ 949m

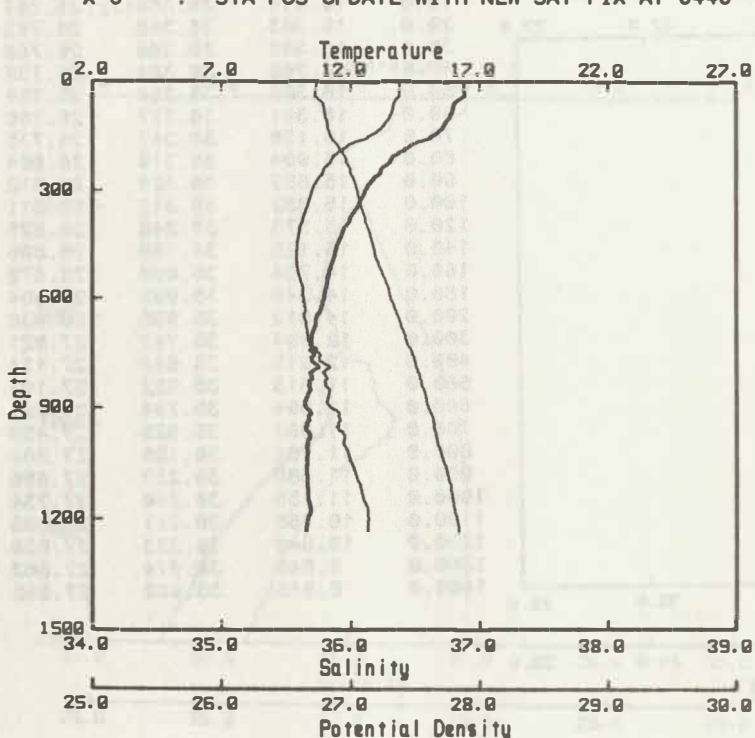
Day: 89.06 SST: 15.8 Tdry: 14.9 RH: 81.0 Wspd: 12.0 CTD #: 3  
 30 MAR 86 NAB POS:OK/SATNAV Km E and N of Tarifa: -138.5km -94.3km  
 X-5 \*\*\* upt race \*\*\*



PR	TE	SA	SGTH
2.0	16.348	36.374	26.740
10.0	16.348	36.374	26.740
20.0	16.350	36.373	26.740
30.0	16.318	36.372	26.747
40.0	16.228	36.361	26.760
50.0	16.134	36.351	26.774
60.0	16.114	36.347	26.776
70.0	16.089	36.341	26.778
80.0	15.873	36.312	26.806
90.0	15.735	36.291	26.821
100.0	15.638	36.273	26.830
120.0	15.521	36.246	26.837
140.0	15.215	36.178	26.854
160.0	14.740	36.091	26.893
180.0	14.481	36.042	26.912
200.0	14.260	36.010	26.935
300.0	12.625	35.725	27.055
400.0	11.861	35.623	27.128
500.0	11.312	35.584	27.203
600.0	10.997	35.618	27.289
700.0	10.771	35.689	27.388
800.0	10.464	35.741	27.485
900.0	10.367	35.863	27.600

STATION GB1041 : 35 10.3 N 7 21.6 W 30/ 3/86 408Z 1234/1244m

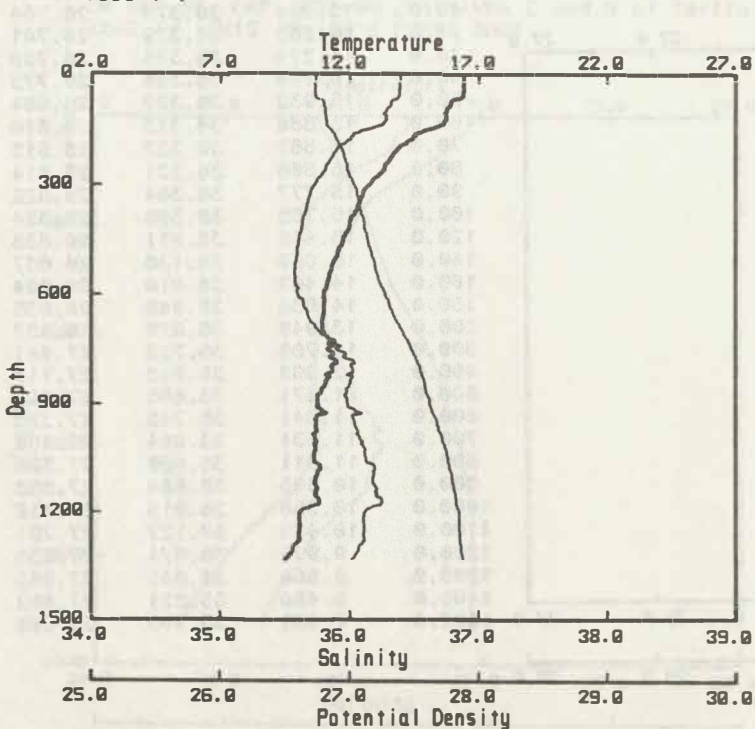
Day: 89.17 SST: 15.5 Tdry: 14.2 RH: 80.0 Wspd: 14.0 CTD #: 3  
 30 MAR 86 CAP POS:SHL/SATNkm E and N of Tarif a: -156.3km -92.0km  
 X-6 STA POS UPDATE WITH NEW SAT FIX AT 0440



PR	TE	SA	SGTH
10.0	16.399	36.378	26.732
20.0	16.403	36.378	26.731
30.0	16.406	36.377	26.730
40.0	16.343	36.367	26.737
50.0	16.148	36.347	26.768
60.0	16.003	36.333	26.791
70.0	15.972	36.327	26.794
80.0	15.927	36.319	26.799
90.0	15.857	36.307	26.806
100.0	15.792	36.294	26.811
120.0	15.599	36.250	26.822
140.0	15.311	36.184	26.837
160.0	14.796	36.071	26.865
180.0	14.185	35.957	26.910
200.0	13.732	35.880	26.947
300.0	12.545	35.700	27.052
400.0	11.772	35.609	27.134
500.0	11.273	35.587	27.212
600.0	10.981	35.640	27.309
700.0	10.507	35.671	27.421
800.0	10.468	35.783	27.517
900.0	10.333	35.862	27.605
1000.0	10.321	35.951	27.679
1100.0	10.343	36.068	27.768
1200.0	10.344	36.135	27.823

STATION GB1042 : 35 10.3 N 7 30.5 W 30/ 3/86 615Z 1330/1350m

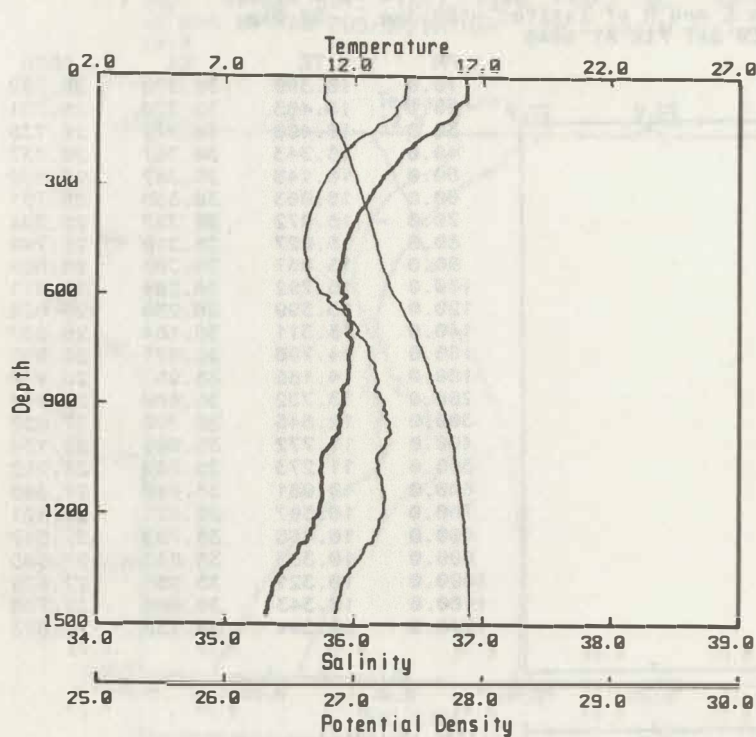
Day: 89.26 SST: 16.1 Tdry: 13.7 RH: 85.9 Wspd: 12.0 CTD #: 3  
 30 MAR 86 CAP POS:SHL/SATNAVKm E and N of Tarif a: -169.7km -92.0km  
 VIII-1



PR	TE	SA	SGTH
10.0	16.408	36.387	26.736
20.0	16.412	36.387	26.736
30.0	16.412	36.386	26.735
40.0	16.406	36.386	26.737
50.0	16.402	36.384	26.737
60.0	16.377	36.380	26.740
70.0	16.034	36.337	26.787
80.0	15.904	36.319	26.804
90.0	15.821	36.303	26.811
100.0	15.744	36.282	26.813
120.0	15.700	36.276	26.819
140.0	15.485	36.227	26.831
160.0	14.685	36.053	26.875
180.0	14.300	35.985	26.907
200.0	13.893	35.910	26.936
300.0	12.763	35.732	27.033
400.0	12.010	35.638	27.111
500.0	11.465	35.595	27.183
600.0	11.018	35.605	27.275
700.0	10.980	35.762	27.407
800.0	11.341	36.021	27.545
900.0	10.789	35.985	27.620
1000.0	10.706	36.089	27.718
1100.0	10.726	36.184	27.791
1200.0	10.092	36.114	27.850
1300.0	9.826	36.071	27.864

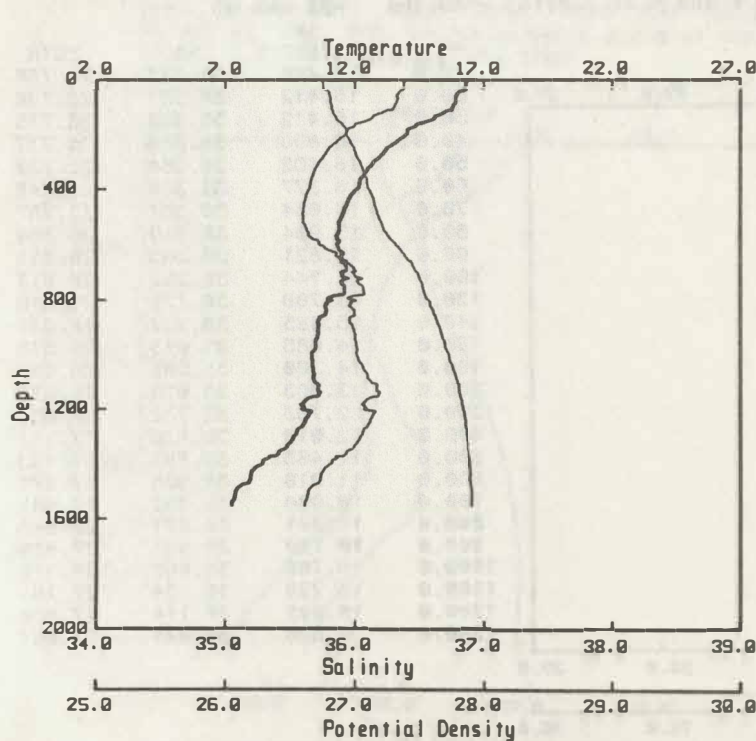


STATION GB1043 : 35 10.1 N 7 40.4 W 30/ 3/86 827Z 1472/1497m

Day: 89.34 SST: 15.9 Tdry: 14.1 RH: 83.5 Wspd: 12.0 CTD #: 3  
30 MAR 86 CAP POS:SHL/SATNAVKm E and N of Tarifa: -184.6km -92.4km  
X-7

PR	TE	SA	SGTH
10.0	16.310	36.389	26.761
20.0	16.303	36.388	26.762
30.0	16.306	36.386	26.760
40.0	16.309	36.384	26.758
50.0	16.306	36.380	26.756
60.0	16.301	36.377	26.756
70.0	16.120	36.347	26.775
80.0	15.904	36.319	26.804
90.0	15.882	36.320	26.810
100.0	15.852	36.312	26.811
120.0	15.578	36.248	26.825
140.0	15.120	36.159	26.860
160.0	14.764	36.080	26.879
180.0	14.349	35.995	26.904
200.0	14.012	35.935	26.930
300.0	12.884	35.747	27.021
400.0	12.015	35.640	27.111
500.0	11.513	35.622	27.195
600.0	11.594	35.764	27.293
700.0	11.803	36.025	27.459
800.0	11.784	36.155	27.566
900.0	11.585	36.232	27.666
1000.0	11.155	36.240	27.754
1100.0	10.766	36.211	27.805
1200.0	10.640	36.223	27.839
1300.0	9.849	36.074	27.863
1400.0	8.845	35.902	27.895

STATION GB1044 : 35 10.1 N 7 50.7 W 30/ 3/86 1027Z 1550/2100m

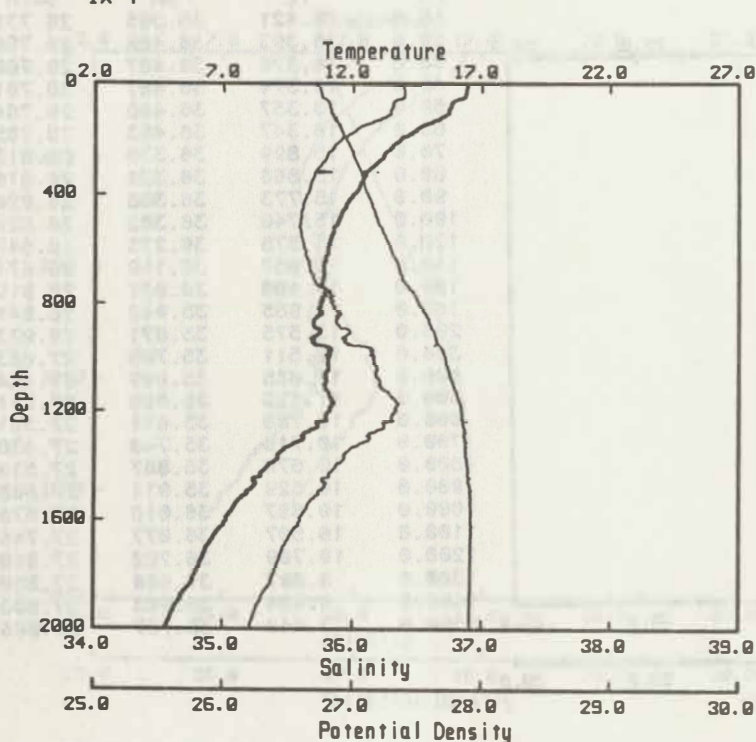
Day: 89.43 SST: 15.9 Tdry: 14.6 RH: 81.5 Wspd: 10.0 CTD #: 3  
30 MAR 86 NAB. POS:OK/SATNAV Km E and N of Tarifa: -200.2km -92.4km  
X-8

PR	TE	SA	SGTH
10.0	16.304	36.378	26.754
20.0	16.280	36.379	26.761
30.0	16.274	36.375	26.759
40.0	16.146	36.354	26.773
50.0	15.932	36.329	26.804
60.0	15.886	36.323	26.810
70.0	15.882	36.327	26.815
80.0	15.868	36.321	26.814
90.0	15.777	36.304	26.822
100.0	15.755	36.300	26.824
120.0	15.410	36.211	26.835
140.0	15.036	36.130	26.857
160.0	14.402	36.010	26.904
180.0	14.036	35.948	26.935
200.0	13.946	35.926	26.937
300.0	12.700	35.726	27.041
400.0	12.003	35.645	27.118
500.0	11.471	35.605	27.190
600.0	11.341	35.745	27.325
700.0	11.531	35.994	27.486
800.0	11.011	35.989	27.580
900.0	10.605	35.986	27.653
1000.0	10.356	36.015	27.722
1100.0	10.475	36.127	27.791
1200.0	9.994	36.074	27.836
1300.0	9.660	36.042	27.869
1400.0	8.456	35.821	27.892
1500.0	7.432	35.643	27.906



STATION GB1045 : 35 9.8 N 8 .5 W 30/ 3/86 1245Z 1994/2306m

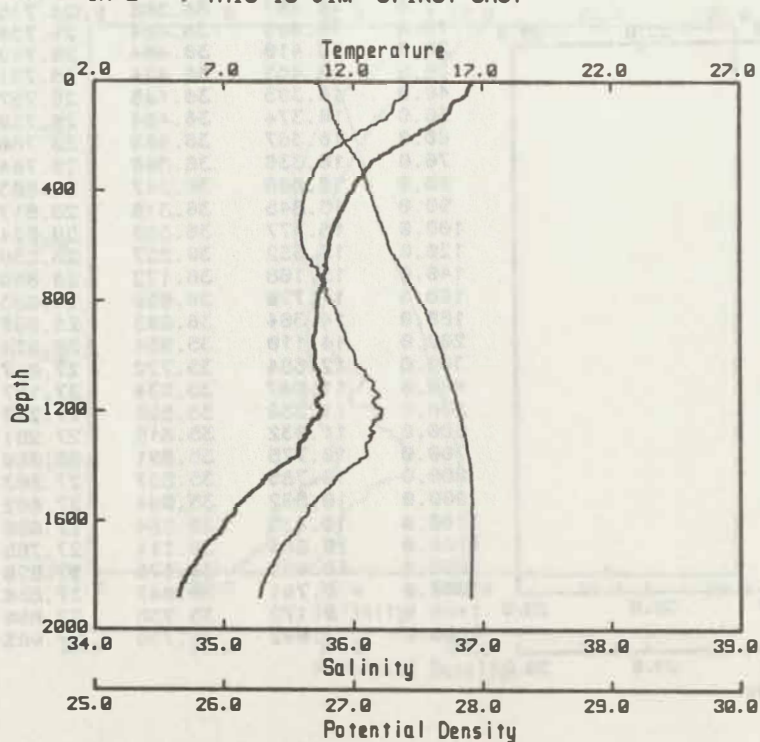
Day: 89.52 SST: 15.7 Tdry: 15.3 RH: 72.0 Wspd: 12.0 CTD #: 1  
31 MAR 86 NAB POS:OK/SATNAV Km E and N of Tarifa: -214.9km -93.0km  
IX-1



PR	TE	SA	SGTH
2.0	16.445	36.293	26.655
10.0	16.435	36.383	26.727
20.0	16.406	36.395	26.743
30.0	16.384	36.399	26.752
40.0	16.364	36.398	26.756
50.0	16.325	36.393	26.762
60.0	15.978	36.333	26.797
70.0	15.820	36.309	26.815
80.0	15.809	36.308	26.817
90.0	15.740	36.296	26.824
100.0	15.701	36.290	26.829
120.0	15.492	36.251	26.847
140.0	15.015	36.150	26.877
160.0	14.533	36.043	26.901
180.0	14.269	35.990	26.917
200.0	13.824	35.905	26.947
300.0	12.749	35.736	27.039
400.0	11.991	35.639	27.115
500.0	11.402	35.592	27.192
600.0	11.028	35.629	27.292
700.0	10.839	35.693	27.379
800.0	10.733	35.831	27.508
900.0	10.718	35.969	27.620
1000.0	11.024	36.155	27.712
1100.0	10.870	36.196	27.774
1200.0	11.064	36.327	27.844
1300.0	10.073	36.128	27.866
1400.0	8.715	35.864	27.885
1500.0	7.918	35.725	27.900

STATION GB1046 : 35 19.9 N 8 .0 W 30/ 3/86 1636Z 1882/1892m

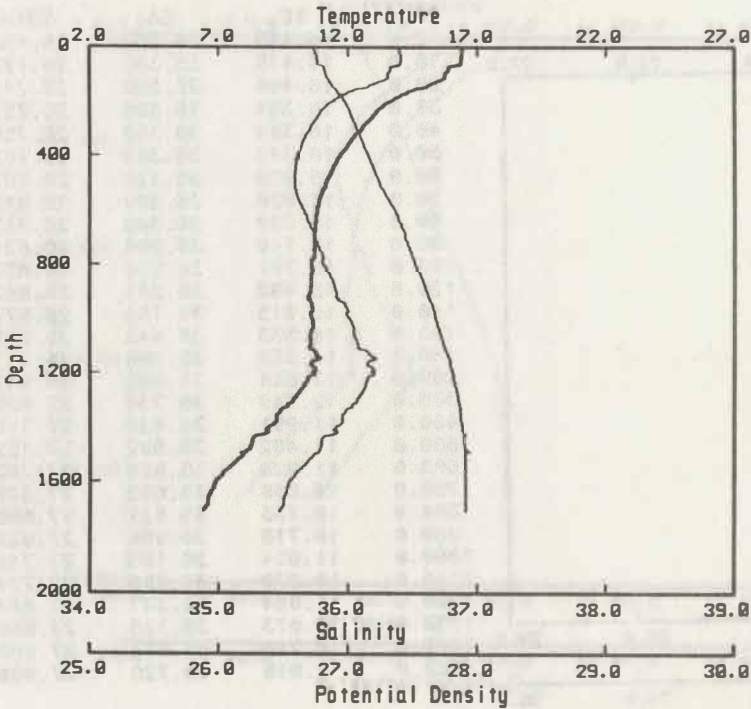
Day: 88.68 SST: 15.7 Tdry: 13.9 RH: 69.0 Wspd: 12.0 CTD #: 1  
30 MAR 86 CAP POS:SHL/ SATNAVKmE and N of Tarifa: -214.0km -74.2km  
IX-2 THIS IS JIM' SFIRST SHOT



PR	TE	SA	SGTH
10.0	16.571	36.421	26.724
20.0	16.484	36.417	26.742
30.0	16.443	36.415	26.750
40.0	16.423	36.414	26.755
50.0	16.400	36.411	26.758
60.0	16.249	36.381	26.771
70.0	16.006	36.340	26.796
80.0	15.841	36.317	26.817
90.0	15.784	36.311	26.826
100.0	15.756	36.308	26.830
120.0	15.636	36.282	26.838
140.0	15.488	36.248	26.846
160.0	15.025	36.145	26.871
180.0	14.579	36.055	26.901
200.0	14.332	35.996	26.909
300.0	12.679	35.727	27.046
400.0	11.956	35.638	27.121
500.0	11.383	35.594	27.197
600.0	11.054	35.606	27.270
700.0	10.904	35.726	27.393
800.0	10.634	35.814	27.512
900.0	10.541	35.909	27.605
1000.0	10.505	36.003	27.687
1100.0	10.783	36.159	27.761
1200.0	10.735	36.214	27.815
1300.0	10.072	36.129	27.867
1400.0	9.180	35.975	27.898
1500.0	7.990	35.751	27.910

STATION GB1047 : 35 31.6 N 8 .7 W 30/ 3/86 1946Z 1710/1715m

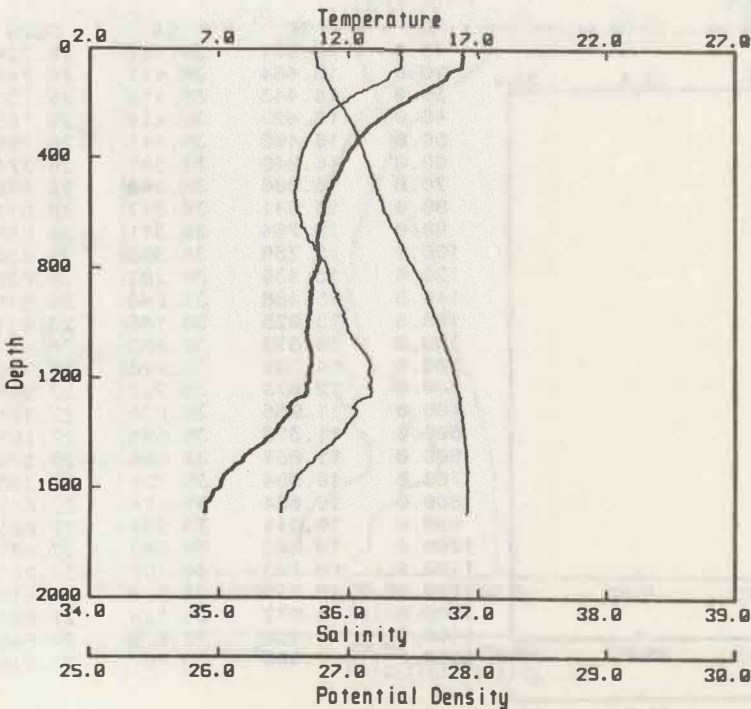
Day: 89.81 SST: 16.1 Tdry: 14.6 RH: 84.7 Wspd: 10.0 CTD #: 1  
 30 MAR 86 ANC POS:SHL/SATNAV Km E and N of Tarifa: -214.8km -52.6km  
 IX-3



PR	TE	SA	SGTH
10.0	16.421	36.395	26.739
20.0	16.393	36.408	26.756
30.0	16.376	36.407	26.760
40.0	16.374	36.407	26.761
50.0	16.357	36.405	26.764
60.0	16.347	36.403	26.765
70.0	15.899	36.330	26.813
80.0	15.866	36.324	26.816
90.0	15.773	36.308	26.826
100.0	15.740	36.302	26.829
120.0	15.575	36.275	26.847
140.0	15.057	36.159	26.874
160.0	14.409	36.032	26.919
180.0	13.985	35.942	26.941
200.0	13.575	35.871	26.973
300.0	12.511	35.705	27.063
400.0	11.665	35.609	27.154
500.0	11.123	35.588	27.241
600.0	10.788	35.661	27.361
700.0	10.710	35.740	27.438
800.0	10.579	35.807	27.516
900.0	10.529	35.911	27.608
1000.0	10.627	36.016	27.675
1100.0	10.507	36.077	27.746
1200.0	10.709	36.202	27.810
1300.0	9.897	36.069	27.850
1400.0	8.924	35.903	27.883
1500.0	7.943	35.737	27.906

STATION GB1048 : 35 40.0 N 8 .3 W 30/ 3/86 2252Z 1690/1700m

Day: 89.94 SST: 15.8 Tdry: 14.6 RH: 91.6 Wspd: 10.0 CTD #: 1  
 31 MAR 86 ACC POS:SHL/SATNAV Km E and N of Tarifa: -214.0km -37.0km  
 IX-4

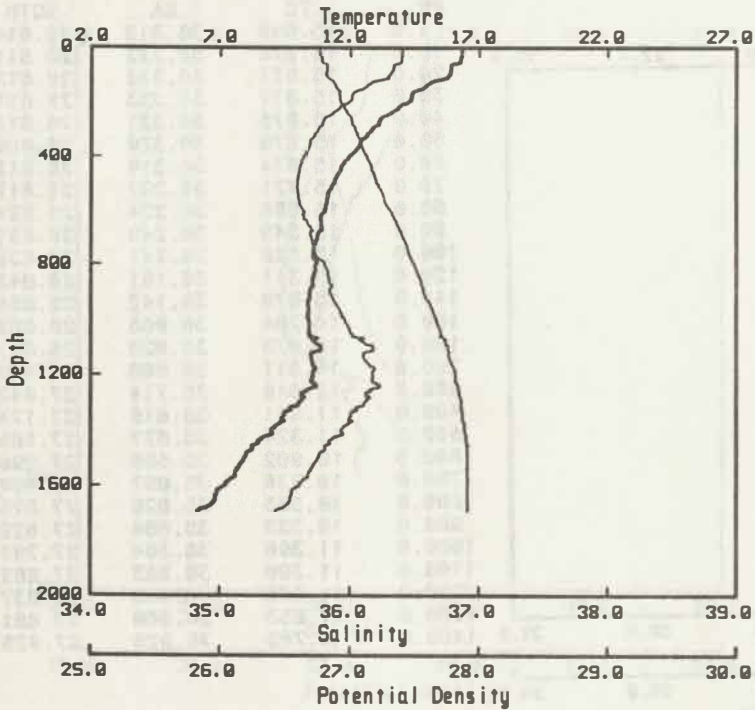


PR	TE	SA	SGTH
2.0	16.407	36.385	26.735
10.0	16.405	36.404	26.750
20.0	16.410	36.404	26.749
30.0	16.403	36.404	26.751
40.0	16.385	36.405	26.757
50.0	16.374	36.404	26.759
60.0	16.367	36.403	26.760
70.0	16.336	36.398	26.764
80.0	16.000	36.347	26.803
90.0	15.845	36.318	26.817
100.0	15.777	36.306	26.824
120.0	15.552	36.257	26.838
140.0	15.168	36.172	26.860
160.0	14.779	36.090	26.883
180.0	14.364	36.003	26.907
200.0	14.110	35.954	26.924
300.0	12.684	35.729	27.047
400.0	11.907	35.634	27.127
500.0	11.358	35.595	27.203
600.0	11.032	35.615	27.281
700.0	10.775	35.691	27.389
800.0	10.785	35.837	27.503
900.0	10.532	35.904	27.602
1000.0	10.425	35.984	27.686
1100.0	10.564	36.114	27.765
1200.0	10.493	36.175	27.828
1300.0	9.761	36.047	27.856
1400.0	9.172	35.958	27.886
1500.0	7.942	35.736	27.905



STATION GB1049 : 35 50.1 N 8 .0 W 31/ 3/86 132Z 1693/1720m

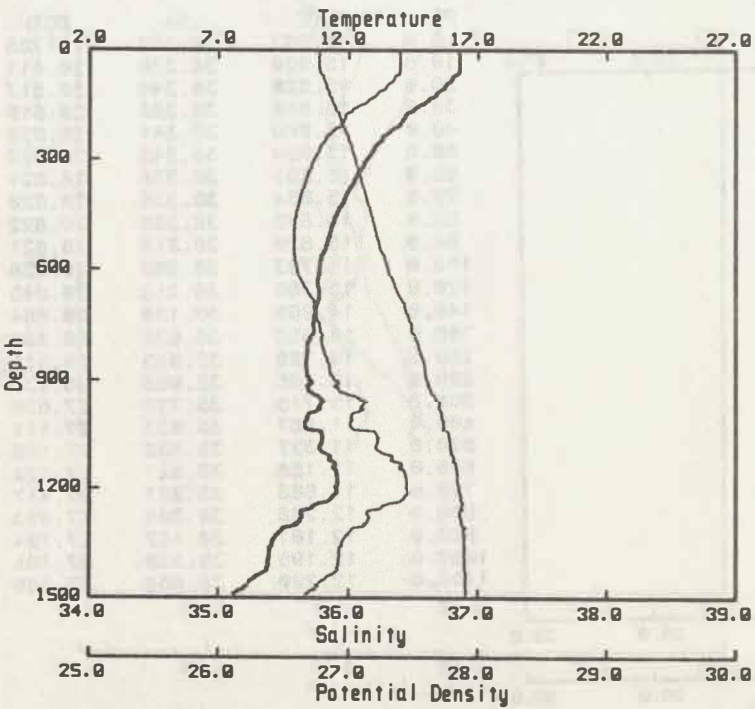
Day: 90.05 SST: 15.8 Tdry: 14.9 RH: 86.0 Wspd: 12.0 CTD #: 1  
 31 MAR 86 CAP POS:SHL/SATNAVKm E and N of Tarifa: -213.3km -18.3km  
 IX-5



PR	TE	SA	SGTH
10.0	16.330	36.401	26.765
20.0	16.329	36.400	26.765
30.0	16.277	36.396	26.775
40.0	16.257	36.395	26.779
50.0	16.235	36.391	26.781
60.0	15.904	36.337	26.817
70.0	15.880	36.330	26.818
80.0	15.861	36.326	26.819
90.0	15.848	36.312	26.812
100.0	15.788	36.303	26.819
120.0	15.233	36.197	26.864
140.0	14.883	36.123	26.885
160.0	14.396	36.023	26.915
180.0	14.348	36.010	26.916
200.0	14.176	35.975	26.926
300.0	12.800	35.750	27.040
400.0	11.926	35.639	27.128
500.0	11.310	35.594	27.211
600.0	11.010	35.647	27.310
700.0	10.721	35.703	27.408
800.0	10.674	35.806	27.499
900.0	10.454	35.843	27.569
1000.0	10.414	35.960	27.669
1100.0	10.879	36.180	27.760
1200.0	10.567	36.177	27.816
1300.0	10.037	36.114	27.862
1400.0	8.982	35.925	27.891
1500.0	7.951	35.745	27.911

STATION GB1050 : 36 .6 N 7 59.5 W 31/ 3/86 435Z 1488/1493m

Day: 90.18 SST: 15.7 Tdry: 14.2 RH: 83.1 Wspd: 9.0 CTD #: 1  
 31 MAR 86 NAB. POS:OK/SATNAV Km E and N of Tarifa: -212.3km 1.1km  
 IX-6

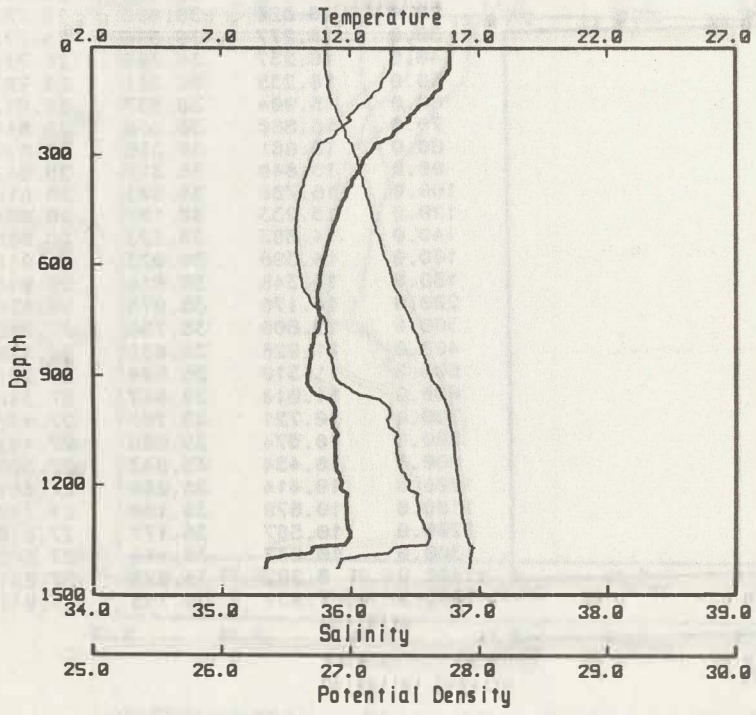


PR	TE	SA	SGTH
10.0	16.267	36.391	26.772
20.0	16.275	36.392	26.772
30.0	16.273	36.391	26.772
40.0	16.277	36.392	26.772
50.0	16.279	36.392	26.772
60.0	16.241	36.388	26.778
70.0	16.040	36.360	26.804
80.0	15.970	36.345	26.809
90.0	15.831	36.319	26.821
100.0	15.690	36.285	26.827
120.0	15.370	36.216	26.848
140.0	15.021	36.147	26.873
160.0	14.534	36.037	26.896
180.0	14.164	35.971	26.925
200.0	13.990	35.951	26.947
300.0	12.695	35.732	27.047
400.0	11.878	35.631	27.131
500.0	11.282	35.585	27.209
600.0	10.869	35.604	27.302
700.0	10.744	35.732	27.426
800.0	10.417	35.796	27.536
900.0	10.538	35.909	27.605
1000.0	10.424	36.019	27.714
1100.0	11.001	36.245	27.789
1200.0	11.508	36.441	27.851
1300.0	9.977	36.116	27.874
1400.0	8.921	35.920	27.897



STATION GB1051 : 36 10.1 N 8 .7 W 31/ 3/86 740Z 1427/1427m

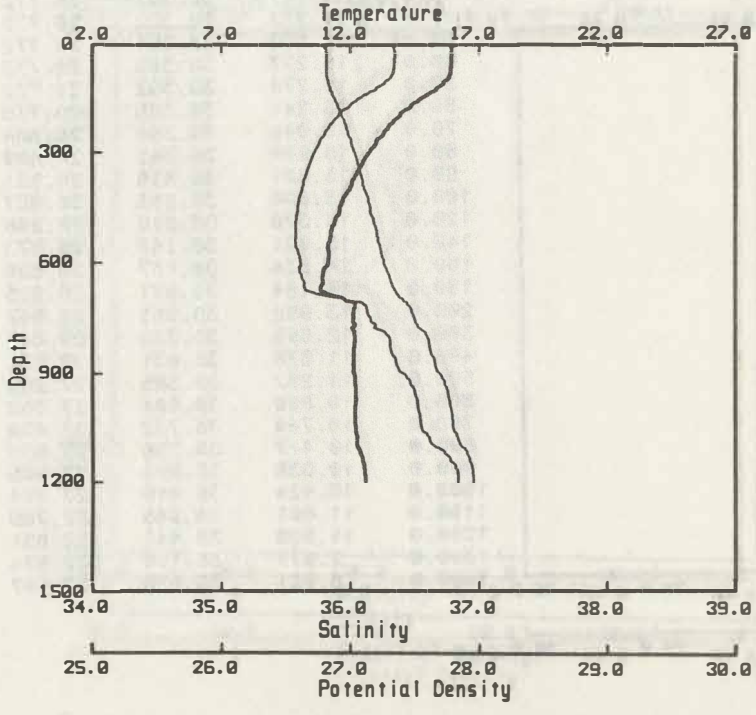
Day: 90.31 SST: 16.3 Tdry: 15.1 RH: 79.2 Wspd: 5.0 CTD #: 3  
 31 MAR 86 NAB POS:OK/SATNAV (CKm E and N of Tarifa: -213.9km 18.7km  
 IX-7 .BACK TO CTD #3



PR	TE	SA	SGTH
2.0	15.846	36.313	26.810
10.0	15.870	36.322	26.811
20.0	15.871	36.323	26.812
30.0	15.877	36.323	26.811
40.0	15.875	36.321	26.811
50.0	15.879	36.320	26.809
60.0	15.834	36.310	26.812
70.0	15.771	36.297	26.817
80.0	15.666	36.274	26.824
90.0	15.549	36.248	26.831
100.0	15.528	36.241	26.830
120.0	15.311	36.191	26.842
140.0	15.079	36.142	26.856
160.0	14.704	36.068	26.883
180.0	14.470	36.020	26.897
200.0	14.311	36.006	26.921
300.0	12.649	35.714	27.042
400.0	11.851	35.616	27.124
500.0	11.324	35.577	27.195
600.0	10.902	35.605	27.296
700.0	10.736	35.697	27.400
800.0	10.583	35.820	27.526
900.0	10.335	35.884	27.622
1000.0	11.390	36.304	27.761
1100.0	11.390	36.353	27.802
1200.0	11.590	36.443	27.837
1300.0	11.853	36.560	27.881
1400.0	8.765	35.925	27.925

STATION GB1052 : 36 20.2 N 8 .5 W 31/ 3/86 1025Z 1196/1211m

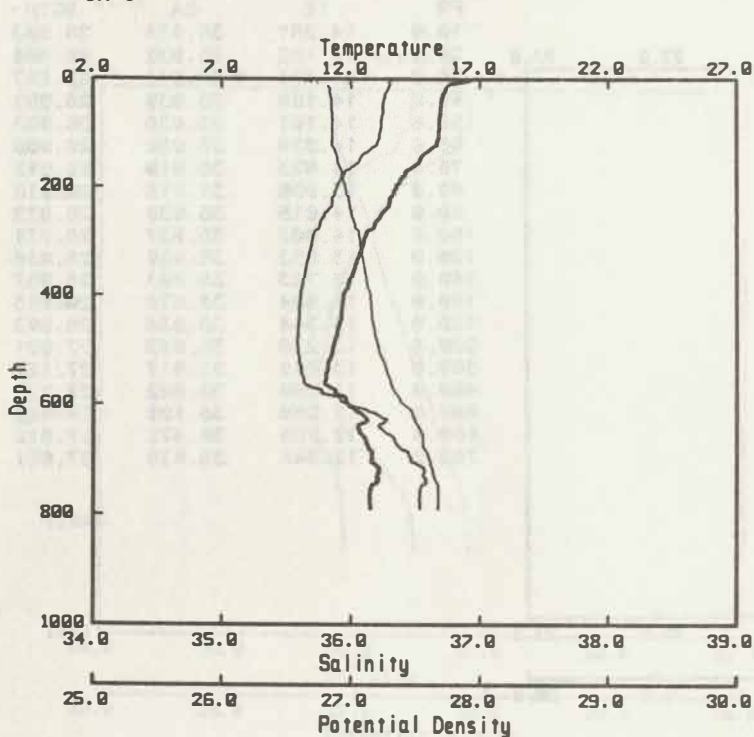
Day: 90.43 SST: 15.7 Tdry: 15.7 RH: 76.0 Wspd: 11.0 CTD #: 3  
 31 MAR 86 NAB POS:OK/SATNAV Km E and N of Tarifa: -213.3km 37.4km  
 IX-8



PR	TE	SA	SGTH
2.0	15.987	36.327	26.788
10.0	15.929	36.339	26.811
20.0	15.920	36.344	26.817
30.0	15.910	36.343	26.819
40.0	15.900	36.341	26.820
50.0	15.904	36.342	26.820
60.0	15.891	36.338	26.821
70.0	15.884	36.335	26.820
80.0	15.862	36.330	26.822
90.0	15.820	36.316	26.821
100.0	15.703	36.289	26.828
120.0	15.369	36.212	26.845
140.0	14.989	36.126	26.864
160.0	14.558	36.035	26.889
180.0	14.190	35.965	26.915
200.0	13.885	35.906	26.935
300.0	12.715	35.726	27.038
400.0	11.987	35.633	27.111
500.0	11.327	35.582	27.198
600.0	11.158	35.621	27.262
700.0	11.883	35.991	27.417
800.0	12.200	36.306	27.603
900.0	12.181	36.427	27.704
1000.0	12.195	36.530	27.784
1100.0	12.290	36.656	27.866

STATION GB1053 : 36 28.9 N 7 59.8 W 31/ 3/86 1642Z 788/ 813m

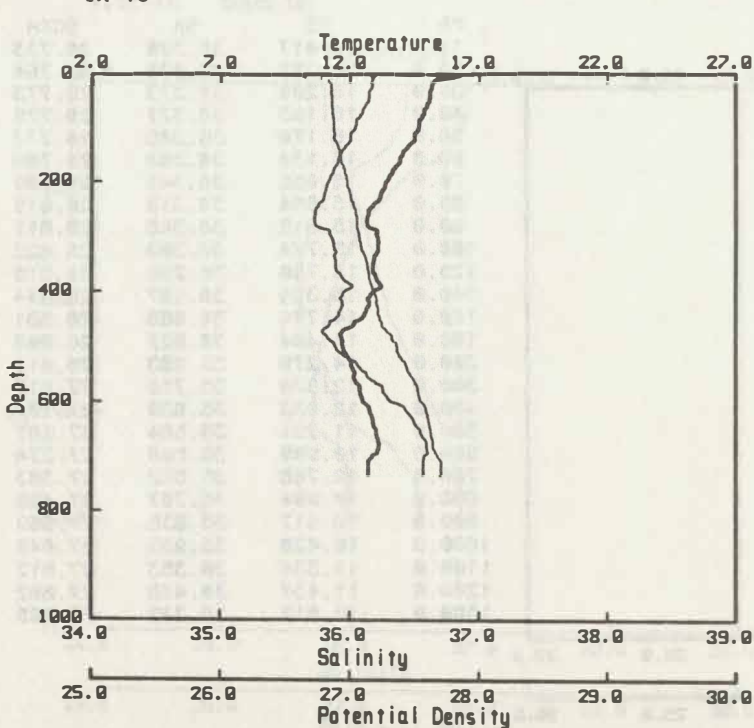
Day: 90.68 SST: 17.2 Tdry: 17.0 RH: 66.0 Wspd: 3.0 CTD #: 3  
 31 MAR 86 NAB POS:OK/SATNAV Km E and N of Tarif a: -212.1km 53.6km  
 IX-9



PR	TE	SA	SGTH
2.0	16.627	36.307	26.623
10.0	15.748	36.298	26.821
20.0	15.620	36.279	26.836
30.0	15.537	36.260	26.841
40.0	15.478	36.250	26.847
50.0	15.453	36.245	26.849
60.0	15.433	36.243	26.852
70.0	15.398	36.236	26.855
80.0	15.381	36.231	26.855
90.0	15.377	36.227	26.853
100.0	15.356	36.219	26.852
120.0	15.284	36.196	26.852
140.0	14.717	36.079	26.888
160.0	14.412	36.015	26.905
180.0	13.988	35.931	26.932
200.0	13.732	35.888	26.953
300.0	12.457	35.692	27.063
400.0	11.696	35.607	27.146
500.0	11.271	35.588	27.214
600.0	11.887	35.984	27.408
700.0	12.791	36.458	27.602

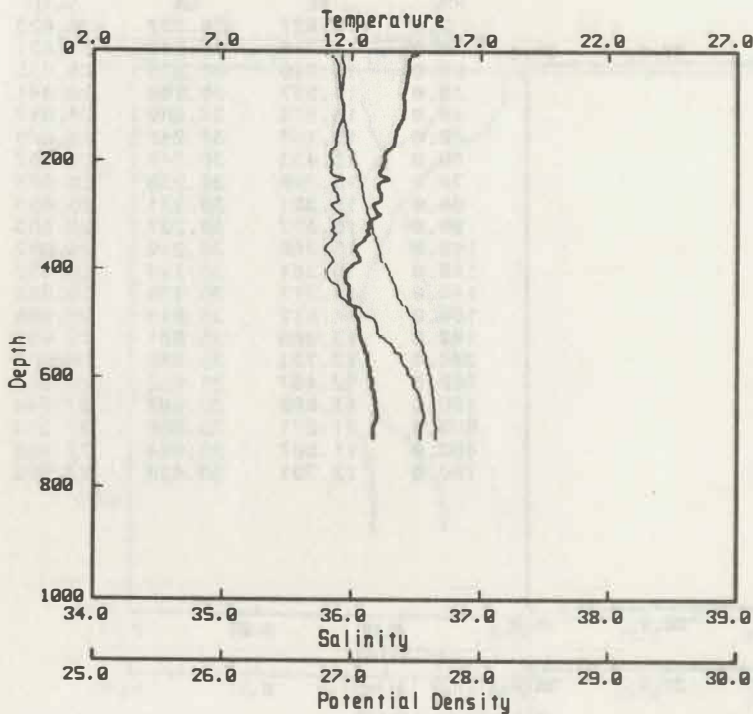
STATION GB1054 : 36 39.7 N 7 59.3 W 31/ 3/86 1900Z 733/ 743m

Day: 90.79 SST: 15.7 Tdry: 15.3 RH: 77.7 Wspd: 10.0 CTD #: 3  
 31 MAR 86 NAB POS:OK/SATNAV Km E and N of Tarif a: -211.2km 73.6km  
 IX-10



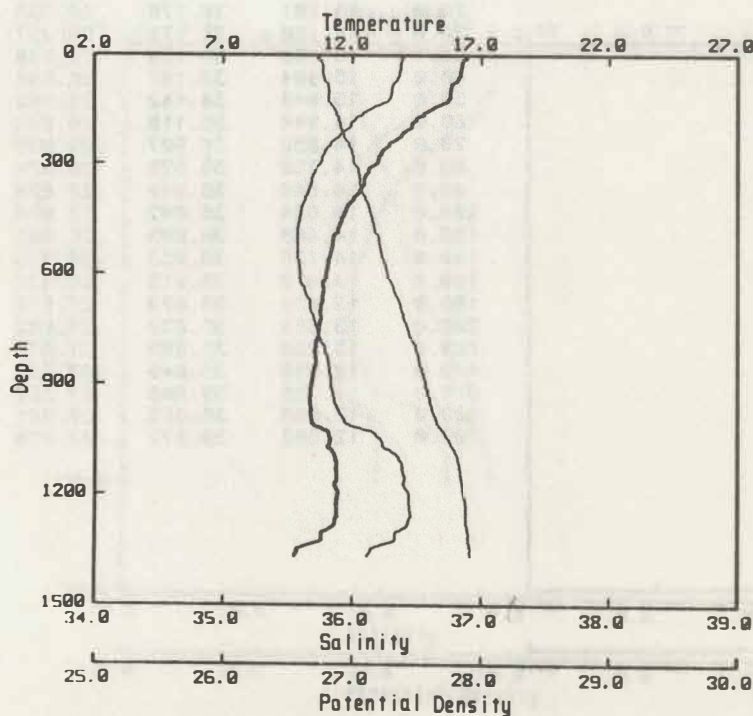
PR	TE	SA	SGTH
10.0	15.281	36.178	26.835
20.0	15.160	36.171	26.857
30.0	15.106	36.159	26.860
40.0	15.064	36.147	26.860
50.0	15.040	36.142	26.862
60.0	14.944	36.118	26.865
70.0	14.852	36.097	26.870
80.0	14.769	36.078	26.874
90.0	14.648	36.049	26.878
100.0	14.634	36.042	26.876
120.0	14.485	36.005	26.881
140.0	14.138	35.953	26.916
160.0	13.919	35.913	26.932
180.0	13.639	35.873	26.960
200.0	13.383	35.832	26.982
300.0	13.080	35.865	27.073
400.0	12.848	35.949	27.187
500.0	11.755	35.896	27.362
600.0	12.568	36.352	27.561
700.0	12.852	36.572	27.678

STATION GB1055 : 36 46.3 N 8 .3 W 31/ 3/86 20322 715/ 726m

Day: 90.85 SST: 14.8 Tdry: 14.8 RH: 83.5 Wspd: 5.0 CTD #: 3  
31 MAR 86 NAB POS:OK/SATNAV Km E and N of Tarifa: -212.5km 85.7km  
IX-11

PR	TE	SA	SGTH
10.0	14.261	35.924	26.863
20.0	14.182	35.932	26.886
30.0	14.173	35.943	26.897
40.0	14.150	35.939	26.899
50.0	14.101	35.930	26.903
60.0	14.079	35.930	26.908
70.0	14.023	35.919	26.912
80.0	13.990	35.918	26.918
90.0	14.015	35.930	26.922
100.0	14.003	35.937	26.931
120.0	13.953	35.929	26.936
140.0	13.723	35.893	26.957
160.0	13.634	35.879	26.965
180.0	13.344	35.836	26.993
200.0	13.236	35.843	27.021
300.0	13.012	35.917	27.127
400.0	11.809	35.802	27.276
500.0	12.280	36.190	27.489
600.0	12.780	36.472	27.612
700.0	12.845	36.536	27.651

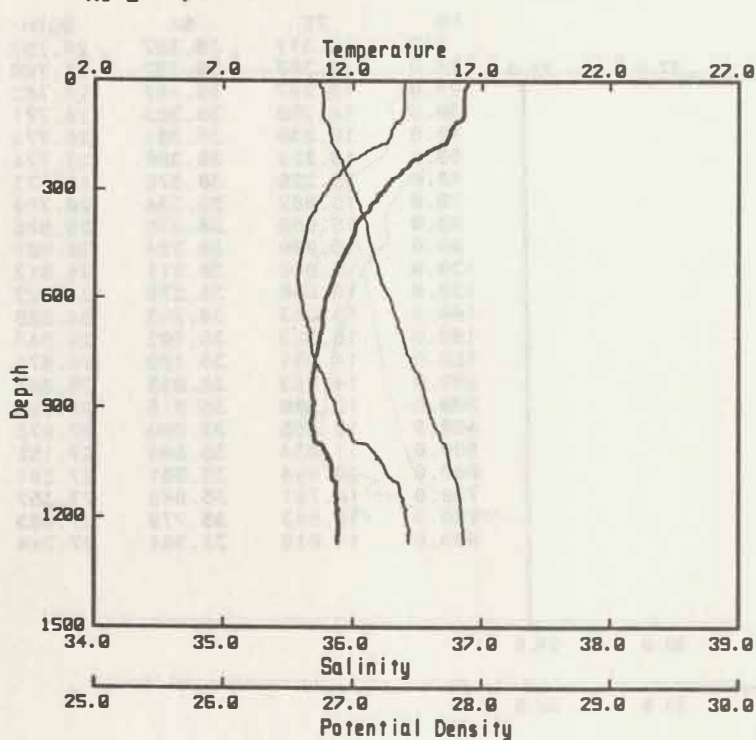
STATION GB1056 : 35 59.4 N 7 50.3 W 1/ 4/86 2052 1365/1370m

Day: 91.09 SST: 16.6 Tdry: 15.6 RH: 90.8 Wspd: 2.0 CTD #: 3  
1 APRIL 86 CAP POS:SHL/SATNA Km E and N of Tarifa: -198.5km -1.1km  
XI-1

PR	TE	SA	SGTH
10.0	16.417	36.386	26.733
20.0	16.257	36.376	26.764
30.0	16.209	36.373	26.773
40.0	16.193	36.371	26.775
50.0	16.170	36.365	26.777
60.0	16.136	36.358	26.780
70.0	16.055	36.345	26.789
80.0	15.854	36.315	26.812
90.0	15.812	36.308	26.817
100.0	15.774	36.303	26.822
120.0	15.750	36.290	26.818
140.0	15.324	36.197	26.844
160.0	14.774	36.086	26.881
180.0	14.484	36.022	26.896
200.0	14.279	35.983	26.911
300.0	12.936	35.756	27.017
400.0	12.033	35.639	27.107
500.0	11.291	35.584	27.207
600.0	10.989	35.596	27.274
700.0	10.768	35.682	27.383
800.0	10.594	35.787	27.498
900.0	10.417	35.835	27.569
1000.0	10.420	35.935	27.649
1100.0	11.334	36.353	27.812
1200.0	11.437	36.438	27.862
1300.0	10.817	36.332	27.895

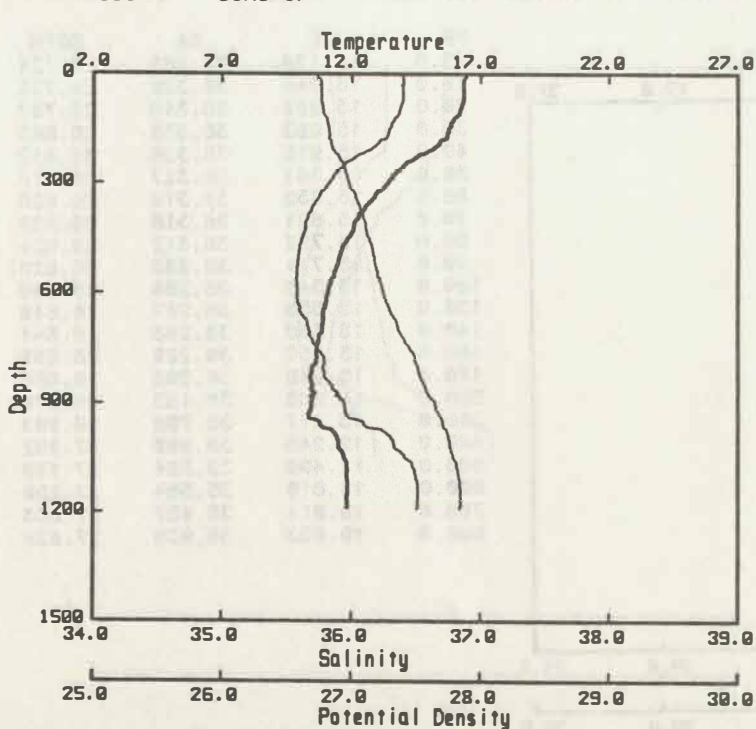


STATION GB1057 : 35 59.1 N 7 39.4 W 1/ 4/86 435Z 1272/1287m

Day: 91.18 SST: 16.2 Tdry: 14.9 RH: 87.8 Wspd: .0 CTD #: 3  
1 APR 86 SRR POS:SHL/ SATNAVKm E and N of Tarif a:-182.2km -1.7km  
XI-2

PR	TE	SA	SGTH
2.0	16.441	36.402	26.740
10.0	16.429	36.398	26.740
20.0	16.337	36.395	26.760
30.0	16.310	36.395	26.766
40.0	16.296	36.393	26.768
50.0	16.296	36.393	26.769
60.0	16.293	36.393	26.770
70.0	16.295	36.393	26.770
80.0	16.297	36.390	26.767
90.0	16.294	36.388	26.767
100.0	16.257	36.378	26.768
120.0	15.879	36.318	26.810
140.0	15.756	36.293	26.820
160.0	15.622	36.268	26.832
180.0	15.197	36.172	26.855
200.0	14.714	36.072	26.885
300.0	13.206	35.795	26.993
400.0	12.067	35.643	27.104
500.0	11.461	35.589	27.179
600.0	10.933	35.597	27.285
700.0	10.751	35.673	27.379
800.0	10.484	35.748	27.487
900.0	10.456	35.867	27.587
1000.0	10.818	36.110	27.714
1100.0	11.299	36.331	27.801
1200.0	11.421	36.411	27.844

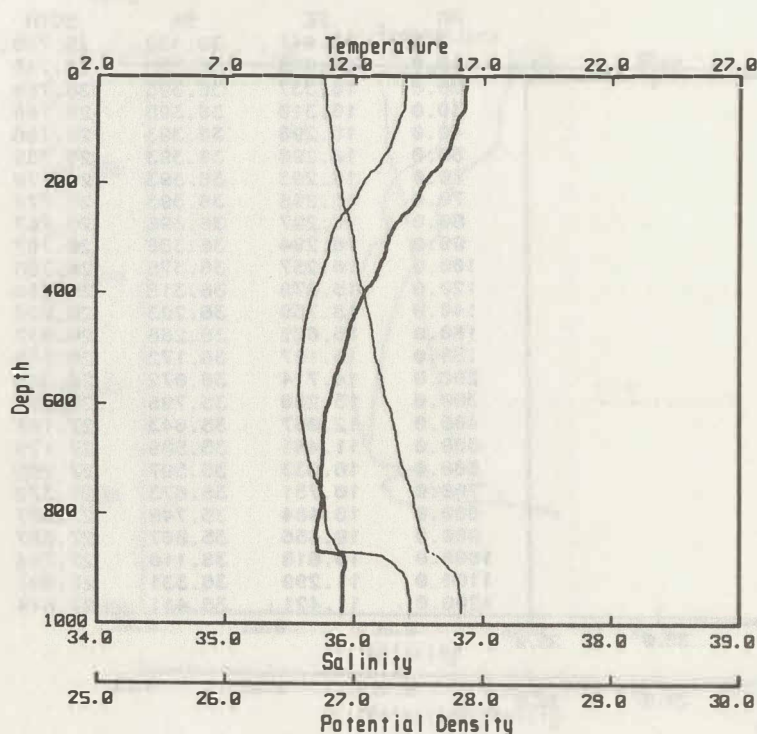
STATION GB1058 : 35 59.7 N 7 29.7 W 1/ 4/86 645Z 1187/1200m

Day: 91.27 SST: 16.3 Tdry: 15.0 RH: 88.9 Wspd: 1.0 CTD #: 3  
1 APR 86 CAP POS:SHL/SATNAV Km E and N of Tarif a:-167.7km -0.6km  
VIII-6B. SUNS UP

PR	TE	SA	SGTH
10.0	16.429	36.398	26.740
20.0	16.330	36.397	26.763
30.0	16.322	36.396	26.764
40.0	16.314	36.394	26.765
50.0	16.309	36.393	26.766
60.0	16.307	36.392	26.766
70.0	16.304	36.391	26.766
80.0	16.265	36.383	26.769
90.0	16.227	36.376	26.773
100.0	16.173	36.367	26.779
120.0	15.966	36.336	26.804
140.0	15.814	36.304	26.815
160.0	15.705	36.284	26.825
180.0	15.496	36.234	26.835
200.0	15.223	36.170	26.848
300.0	13.396	35.825	26.977
400.0	12.182	35.654	27.090
500.0	11.520	35.589	27.168
600.0	11.083	35.585	27.248
700.0	10.859	35.669	27.356
800.0	10.489	35.782	27.513
900.0	10.454	35.945	27.648
1000.0	11.495	36.319	27.753
1100.0	11.841	36.493	27.826

STATIO NGB1059 : 35 59.8 N 7 19.6 W 1/ 4/86 856Z 979/ 997m

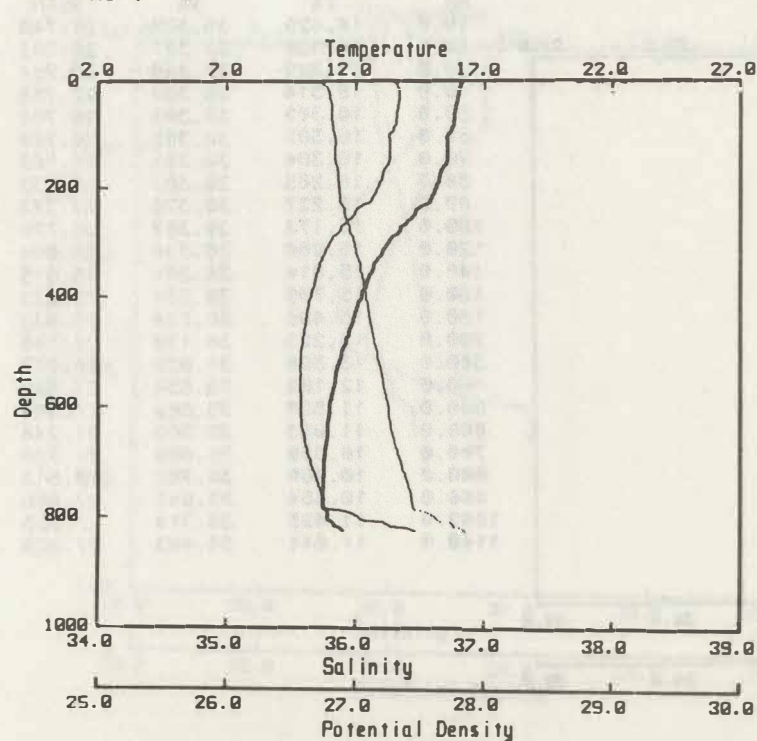
Day: 91.36 SST: 16.4 Tdry: 16.3 RH: 77.0 Wspd: 3.0 CTD #: 3  
 1 APR 86 SS PO S:/SATNAV Km E and N of Tarifa: -152.6km  
 XI-3



PR	TE	SA	SGTH
2.0	16.317	36.387	26.757
10.0	16.307	36.387	26.760
20.0	16.297	36.387	26.763
30.0	16.250	36.383	26.771
40.0	16.238	36.381	26.773
50.0	16.232	36.380	26.774
60.0	16.226	36.376	26.772
70.0	16.082	36.354	26.789
80.0	15.958	36.336	26.805
90.0	15.909	36.324	26.807
100.0	15.845	36.311	26.812
120.0	15.698	36.279	26.822
140.0	15.553	36.243	26.828
160.0	15.313	36.192	26.843
180.0	14.906	36.109	26.871
200.0	14.643	36.055	26.887
300.0	13.300	35.816	26.990
400.0	12.365	35.680	27.075
500.0	11.634	35.600	27.155
600.0	10.994	35.581	27.261
700.0	10.767	35.649	27.357
800.0	10.643	35.779	27.483
900.0	11.618	36.341	27.744

STATIO NGB1060 : 35 59.9 N 7 9.6 W 1/ 4/86 1055Z 823/ 827m

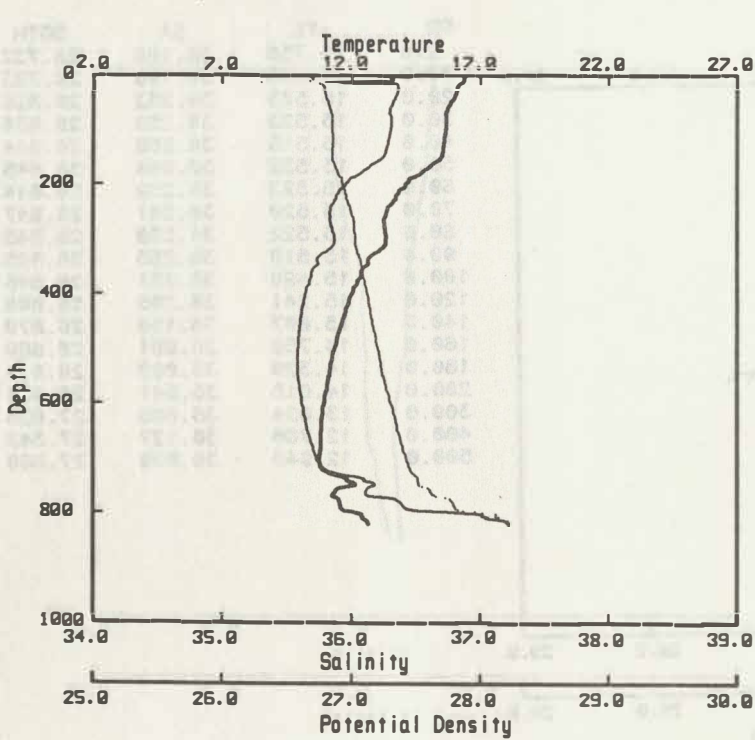
Day: 91.44 SST: 16.4 Tdry: 16.4 RH: 84.0 Wspd: 5.0 CTD #: 3  
 1 APR 86 SS PO S:SHL/SATNAV Km E and N of Tarifa: -137.6km  
 XI-4



PR	TE	SA	SGTH
2.0	16.138	36.289	26.724
10.0	16.040	36.326	26.775
20.0	15.996	36.340	26.797
30.0	15.963	36.338	26.803
40.0	15.918	36.336	26.812
50.0	15.861	36.327	26.819
60.0	15.832	36.319	26.820
70.0	15.821	36.316	26.820
80.0	15.792	36.312	26.824
90.0	15.711	36.293	26.829
100.0	15.546	36.259	26.840
120.0	15.550	36.267	26.846
140.0	15.556	36.265	26.844
160.0	15.359	36.229	26.862
180.0	15.249	36.205	26.868
200.0	15.066	36.163	26.878
300.0	13.217	35.798	26.993
400.0	12.245	35.660	27.082
500.0	11.490	35.584	27.170
600.0	11.018	35.584	27.259
700.0	10.814	35.657	27.355
800.0	10.933	36.030	27.626

STATION NGB1061 : 35 59.8 N 6 59.9 W 1/ 4/86 1229Z 795/ 800m

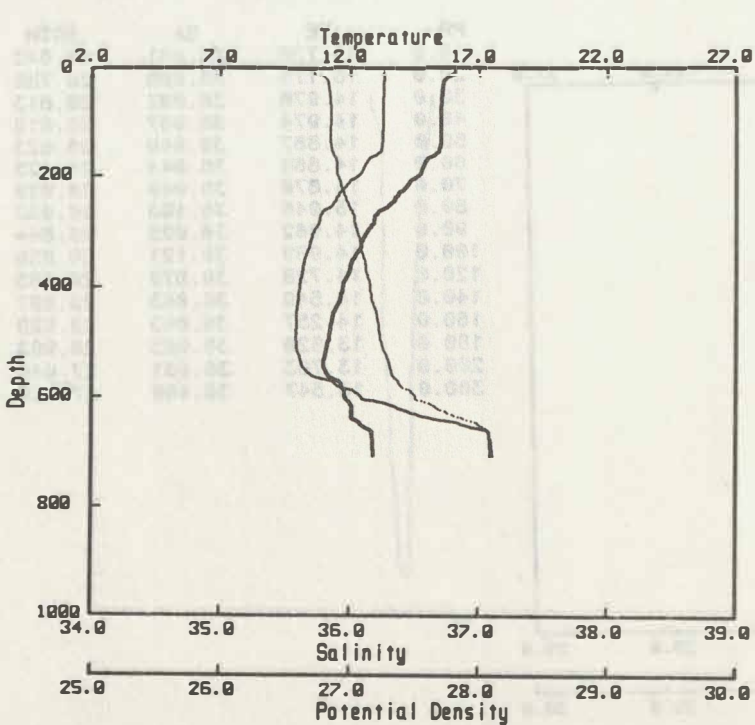
Day: 91.51 SST: 16.8 Tdry: 16.9 RH: 81.0 Wspd: 5.0 CTD #: 3  
 3 APR 86 SS PO S:SHL/SATNAV Km E and N of Tarifa: -123.0km -0.3km  
 VII-6B



PR	TE	SA	SGT H
2.0	16.391	36.290	26.666
10.0	16.319	36.280	26.675
20.0	16.105	36.358	26.785
30.0	16.054	36.352	26.793
40.0	15.969	36.336	26.801
50.0	15.817	36.315	26.820
60.0	15.708	36.296	26.830
70.0	15.639	36.292	26.843
80.0	15.665	36.306	26.849
90.0	15.653	36.303	26.849
100.0	15.630	36.298	26.851
120.0	15.567	36.280	26.852
140.0	15.521	36.259	26.847
160.0	15.152	36.168	26.861
180.0	14.594	36.051	26.894
200.0	14.060	35.945	26.928
300.0	13.313	35.866	27.026
400.0	11.950	35.637	27.121
500.0	11.305	35.585	27.205
600.0	10.919	35.617	27.303
700.0	10.741	35.726	27.422
800.0	12.378	37.015	28.119

STATION GB1062 : 35 59.7 N 6 49.1 W 1/ 4/86 1408Z 709/ 712m

Day: 91.59 SST: 16.6 Tdry: 16.5 RH: 85.0 Wspd: 12.0 CTD #: 3  
 1 APR 86 SS PO S:SHL/SATNAV Km E and N of Tarifa: -106.8km -0.6km  
 XI-5

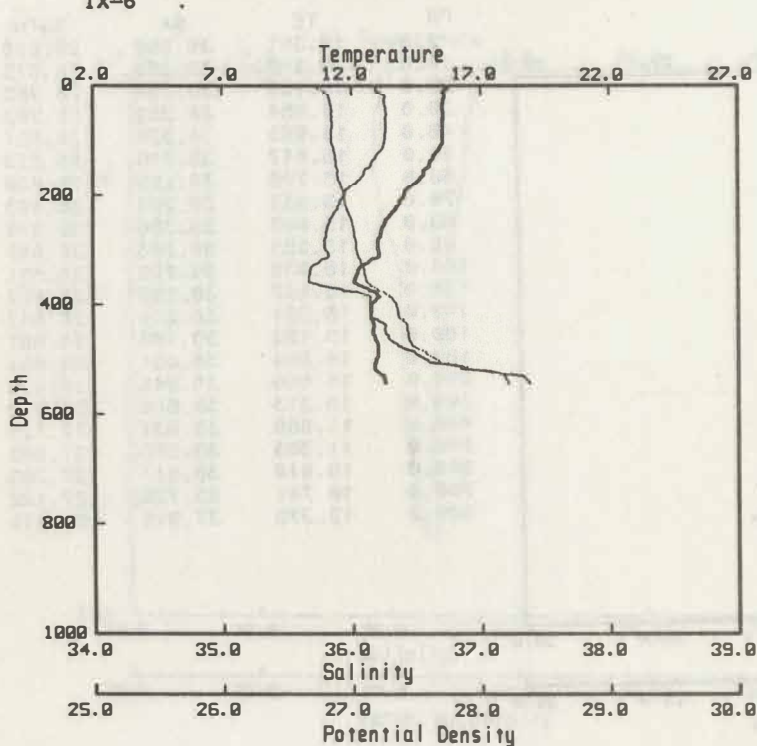


PR	TE	SA	SGTH
10.0	16.049	36.258	26.721
20.0	15.665	36.258	26.810
30.0	15.567	36.255	26.830
40.0	15.542	36.254	26.835
50.0	15.526	36.253	26.838
60.0	15.505	36.252	26.843
70.0	15.490	36.251	26.846
80.0	15.489	36.251	26.846
90.0	15.489	36.251	26.847
100.0	15.490	36.250	26.846
120.0	15.492	36.247	26.844
140.0	15.467	36.242	26.846
160.0	15.236	36.200	26.867
180.0	14.789	36.104	26.893
200.0	14.514	36.041	26.905
300.0	12.584	35.709	27.051
400.0	11.685	35.607	27.149
500.0	11.107	35.582	27.239
600.0	11.800	36.082	27.501
700.0	12.882	37.101	28.082



STATIO NGB1063 : 35 59.9 N 6 40.0 W 1/ 4/86 1557Z 558/ 564m

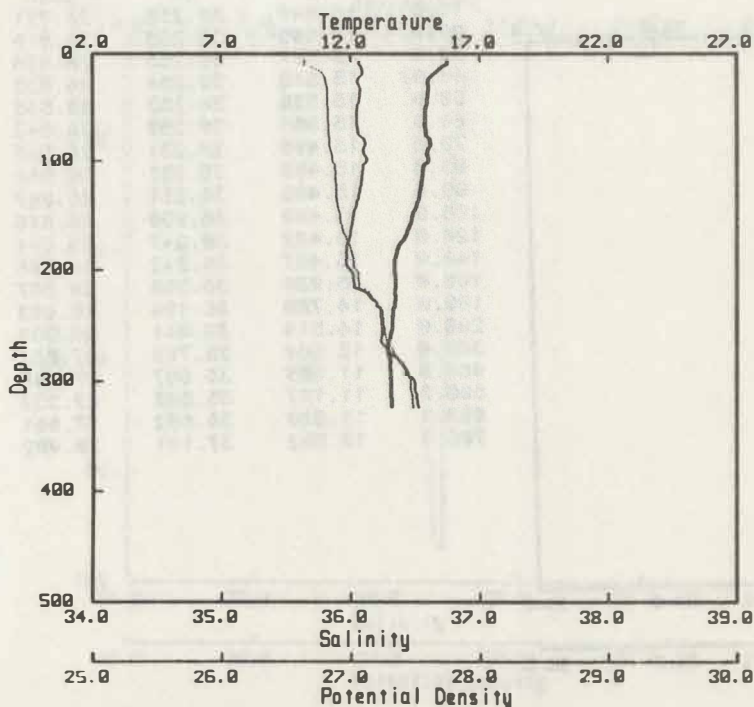
Day: 91.65 SST: 16.5 Tdry: 16.7 RH: 82.0 Wspd: 8.0 CTD #: 3  
1 APR 86 SS PO S:SHL/SATNAV Km E and N of Tarifa: -93.2km -0.2km  
IX-6



PR	TE	SA	SGTH
2.0	15.758	36.186	26.732
10.0	15.535	36.198	26.793
20.0	15.575	36.253	26.826
30.0	15.523	36.250	26.836
40.0	15.515	36.258	26.844
50.0	15.532	36.264	26.845
60.0	15.523	36.259	26.844
70.0	15.520	36.261	26.847
80.0	15.522	36.259	26.845
90.0	15.510	36.255	26.845
100.0	15.496	36.251	26.845
120.0	15.241	36.205	26.868
140.0	15.007	36.150	26.879
160.0	14.758	36.091	26.889
180.0	14.329	36.002	26.914
200.0	14.015	35.941	26.934
300.0	13.024	35.808	27.038
400.0	12.766	36.127	27.342
500.0	12.943	36.590	27.668

STATIO NGB1064 : 35 59.9 N 6 29.0 W 1/ 4/86 1756Z 324/ 335m

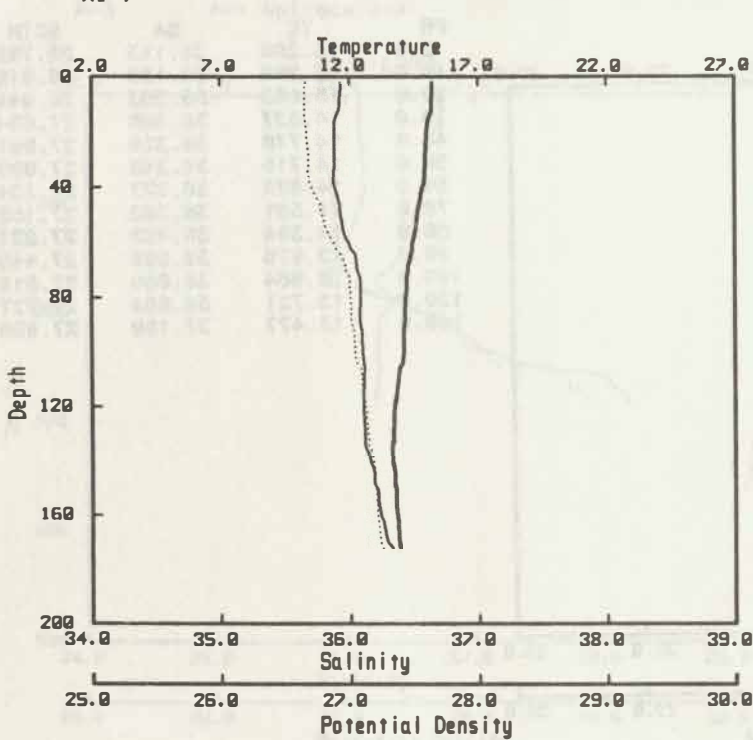
Day: 91.75 SST: 15.9 Tdry: 17.7 RH: 76.0 Wspd: 4.0 CTD #: 3  
01 AP 86 ANC PO S:OK/SATNAV Km E and N of Tarifa: -76.7km -0.1km  
VI-6B



PR	TE	SA	SGTH
10.0	15.730	36.061	26.643
20.0	15.175	36.088	26.789
30.0	14.978	36.062	26.813
40.0	14.974	36.067	26.819
50.0	14.887	36.048	26.823
60.0	14.868	36.044	26.825
70.0	14.870	36.049	26.829
80.0	15.046	36.103	26.832
90.0	14.962	36.095	26.844
100.0	14.989	36.121	26.859
120.0	14.728	36.079	26.885
140.0	14.549	36.043	26.897
160.0	14.257	36.003	26.929
180.0	13.820	35.965	26.993
200.0	13.703	36.001	27.046
300.0	13.547	36.489	27.459

STATION GB1065 : 35 59.7 N 6 19.7 W 1/ 4/86 1920Z 173/ 185m

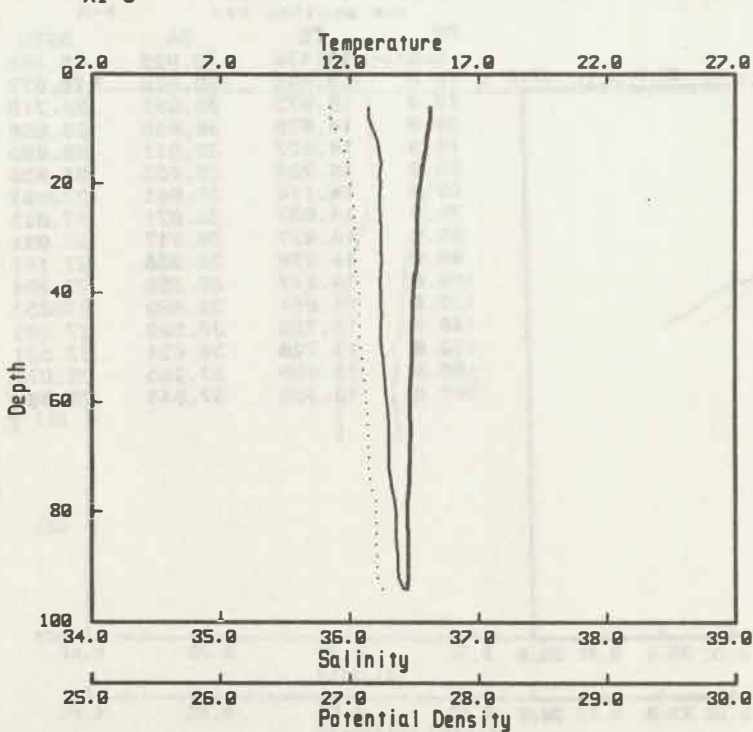
Day: 91.80 SST: 15.8 Tdry: 15.1 RH: 85.1 Wspd: 12.0 CTD #: 3  
01 AP 88 ACC POS:OK/SATNAV Km E and N of Tarifa: -62.7km -6km  
XI-7



PR	TE	SA	SGTH
2.0	15.207	35.032	26.662
10.0	15.196	35.924	26.658
20.0	15.005	35.883	26.669
30.0	14.938	35.883	26.684
40.0	14.830	35.888	26.712
50.0	14.611	35.933	26.795
60.0	14.435	35.993	26.880
70.0	14.244	36.059	26.973
80.0	14.165	36.081	27.007
90.0	14.113	36.082	27.019
100.0	14.076	36.101	27.042
120.0	13.708	36.104	27.123
140.0	13.627	36.158	27.182
160.0	13.782	36.236	27.210

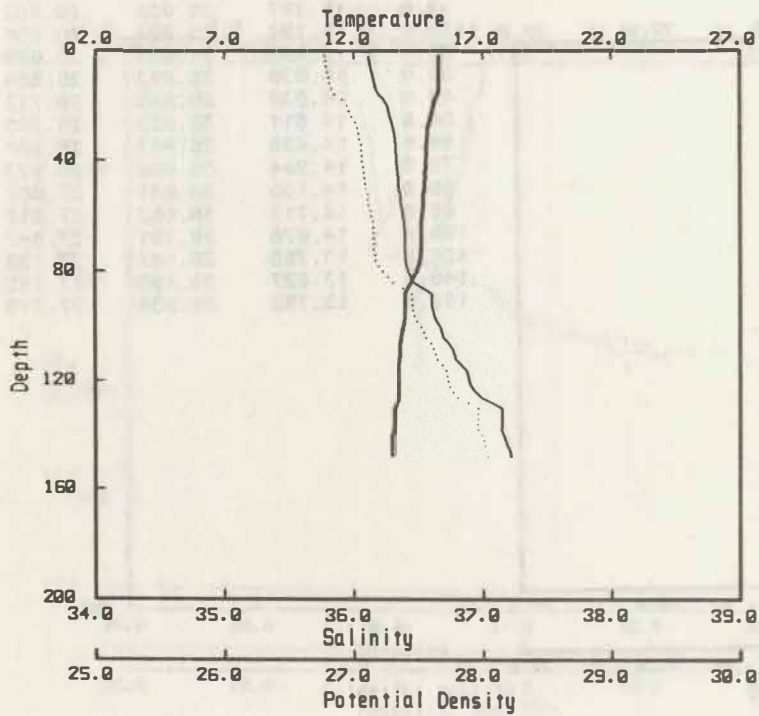
STATION GB1066 : 38 .3 N 6 10.9 W 1/ 4/86 2033Z 97/ 104m

Day: 91.85 SST: 15.3 Tdry: 16.1 RH: 88.1 Wspd: 4.0 CTD #: 3  
01 AP 88 ACC POS:OK/SATNAV Km E and N of Tarifa: -49.8km .8km  
XI-8



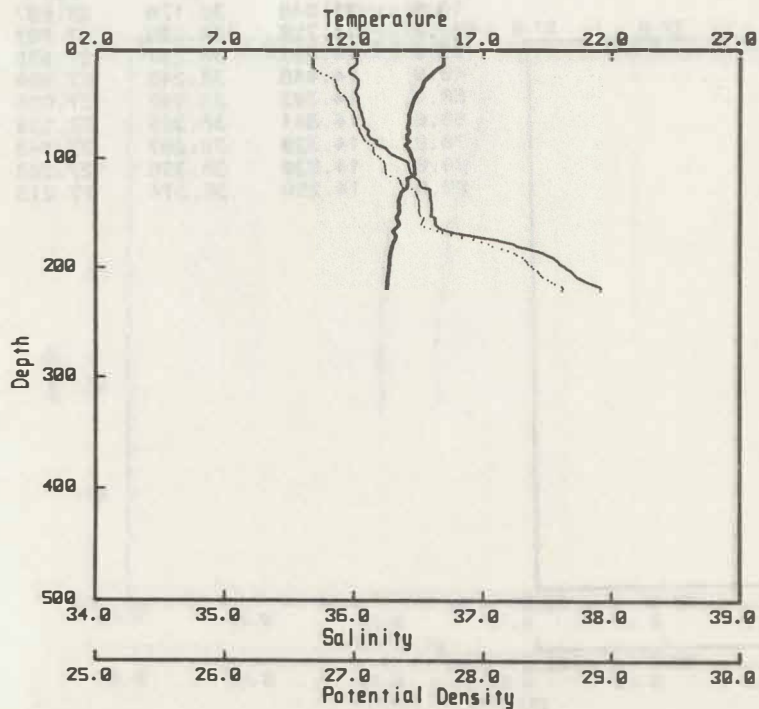
PR	TE	SA	SGTH
10.0	15.048	36.178	26.887
20.0	14.726	36.235	27.002
30.0	14.597	36.241	27.035
40.0	14.448	36.242	27.069
50.0	14.393	36.247	27.085
60.0	14.341	36.289	27.129
70.0	14.329	36.307	27.146
80.0	14.239	36.356	27.203
90.0	14.259	36.374	27.213

STATION GB1067 : 36 .1 N 6 .1 W 1/ 4/86 2148Z 147/ 157m

Day: 91.89 SST: 15.4 Tdry: 14.4 RH: 97.1 Wspd: 8.0 CTD #: 3  
2 APR 86 NAB POS:SHL/RAD Km E and N of Tarifa: -33.4km .2km  
XI-9

PR	TE	SA	SGTH
2.0	15.290	36.113	26.782
10.0	15.296	36.150	26.810
20.0	15.063	36.253	26.941
30.0	14.837	36.308	27.034
40.0	14.778	36.326	27.061
50.0	14.716	36.345	27.090
60.0	14.629	36.377	27.134
70.0	14.591	36.393	27.155
80.0	14.394	36.422	27.221
90.0	13.976	36.596	27.445
100.0	13.884	36.666	27.519
120.0	13.721	36.889	27.727
140.0	13.477	37.160	27.988

STATION GB1068 : 35 56.1 N 5 58.5 W 1/ 4/86 2304Z 221/ 230m

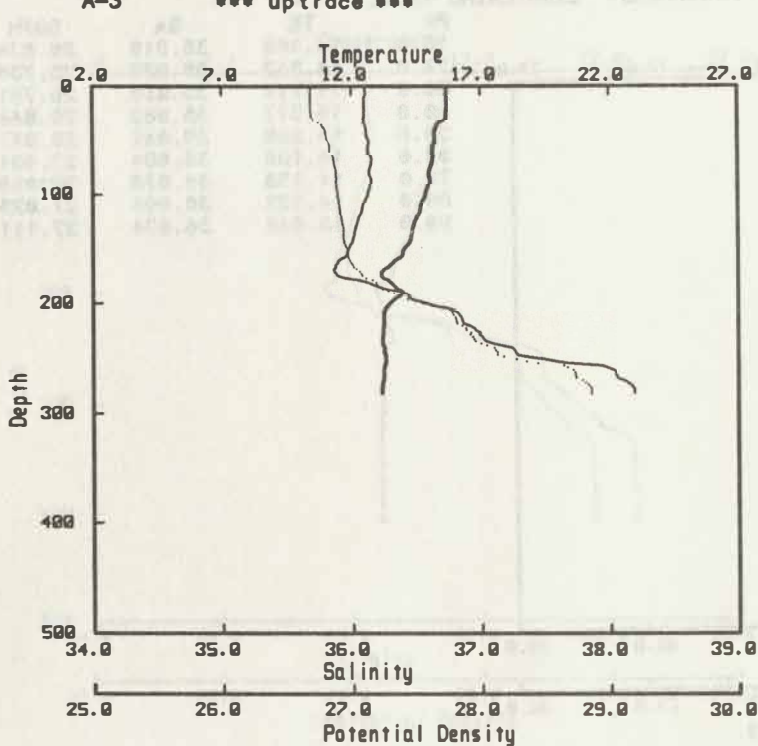
Day: 91.96 SST: 15.5 Tdry: 15.1 RH: 97.3 Wspd: 10.0 CTD #: 3  
2 APR 86 NAB POS:SHL/RAD Km E and N of Tarifa: -31.1km -7.3km  
A-2

PR	TE	SA	SGTH
2.0	15.439	36.025	26.681
10.0	15.440	36.020	26.677
20.0	15.072	35.961	26.715
30.0	14.675	36.030	26.856
40.0	14.427	36.011	26.895
50.0	14.224	36.033	26.956
60.0	14.114	36.061	27.002
70.0	14.057	36.071	27.022
80.0	14.027	36.117	27.064
90.0	14.076	36.238	27.147
100.0	14.247	36.358	27.204
120.0	14.061	36.499	27.353
140.0	13.726	36.599	27.502
160.0	13.728	36.624	27.521
180.0	13.480	37.265	28.070
200.0	13.355	37.643	28.369



STATION GB1069 : 35 52.3 N 5 58.3 W 2/ 4/86 32Z 283/ 345m

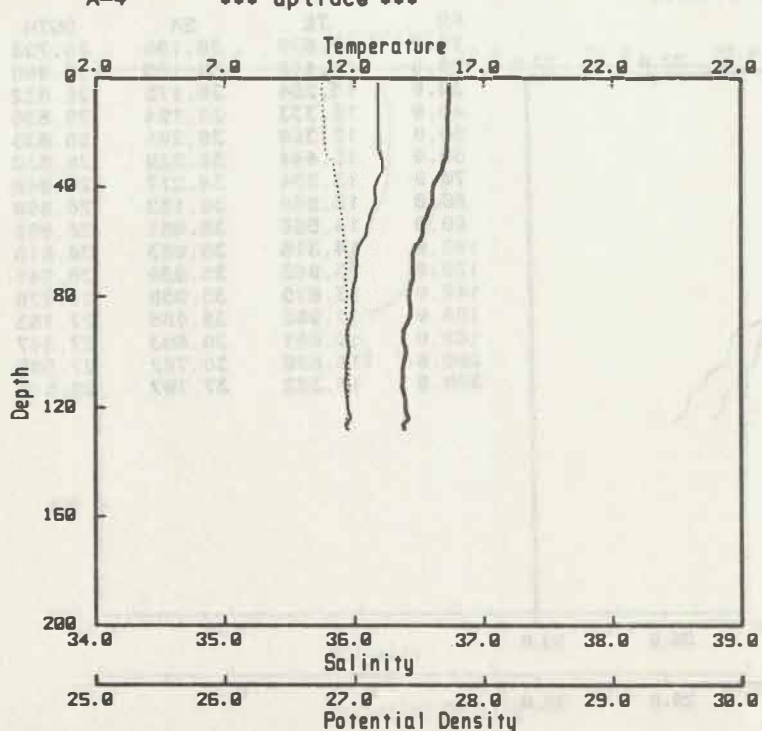
Day: 92.01 SST: 15.7 Tdry: 15.0 RH: 87.1 Wspd: 10.0 CTD #: 3  
 2 APR 86 CAP POS:SHL/RAD Km E and N of Tarifa: -30.7km -14.3km  
 A-3 \*\*\* uptrace \*\*\*



PR	TE	SA	SGTH
2.0	15.678	36.107	26.690
10.0	15.677	36.105	26.689
20.0	15.670	36.103	26.689
30.0	15.577	36.099	26.708
40.0	15.224	36.115	26.800
50.0	15.229	36.138	26.817
60.0	15.119	36.122	26.829
70.0	15.061	36.148	26.863
80.0	14.944	36.134	26.878
90.0	14.969	36.145	26.881
100.0	14.847	36.123	26.892
120.0	14.470	36.054	26.922
140.0	14.246	36.010	26.937
160.0	13.620	35.900	26.985
180.0	13.497	36.124	27.184
200.0	13.436	36.581	27.551

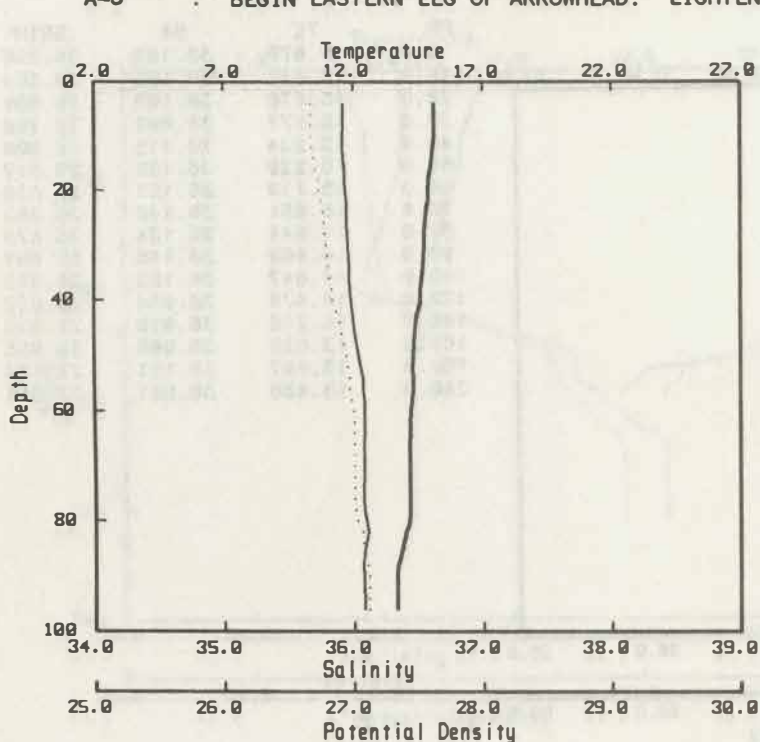
STATION GB1070 : 35 48.2 N 5 56.7 W 2/ 4/86 155Z 126/ 138m

Day: 92.06 SST: 15.7 Tdry: 14.8 RH: 89.2 Wspd: 10.0 CTD #: 3  
 2 APR 86 SS POS:SHL/SATNAV Km E and N of Tarifa: -28.4km -21.9km  
 A-4 \*\*\* uptrace \*\*\*



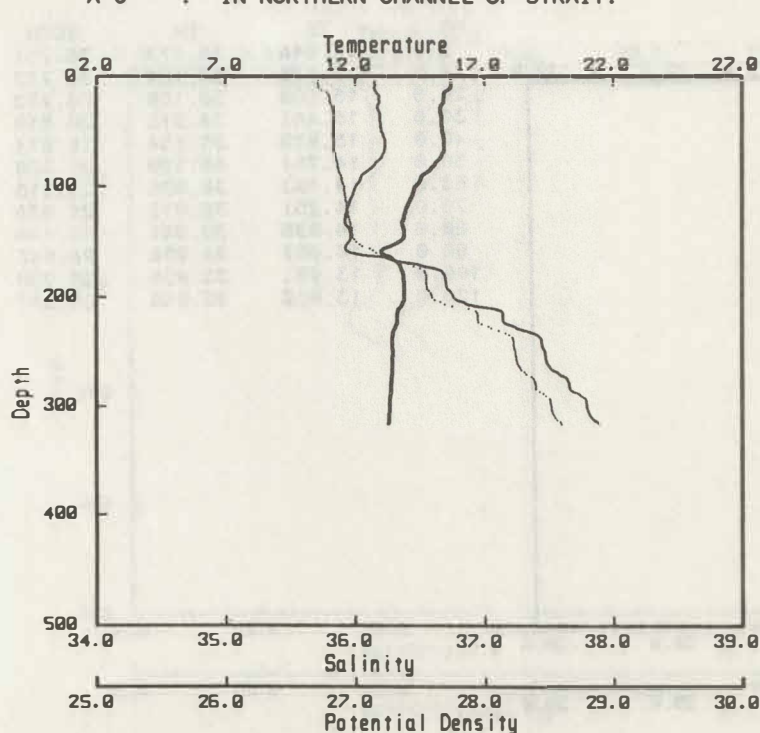
PR	TE	SA	SGTH
2.0	15.646	36.177	26.751
10.0	15.635	36.181	26.757
20.0	15.599	36.189	26.772
30.0	15.481	36.216	26.819
40.0	15.025	36.154	26.874
50.0	14.791	36.120	26.900
60.0	14.493	36.055	26.915
70.0	14.251	36.012	26.935
80.0	14.098	35.981	26.944
90.0	14.002	35.956	26.945
100.0	13.981	35.956	26.950
120.0	13.958	35.945	26.947

STATION GB1071 : 35 58.1 N 6 13.3 W 2/ 4/86 424Z 95/ 105m

Day: 92.18 SST: 15.3 Tdry: 14.0 RH: 88.9 Wspd: 4.0 CTD #: 3  
2 APR 86 CAP POS:SHL/RAD Km E and N of Tarifa: -53.2km -3.5km  
A-5 . BEGIN EASTERN LEG OF ARROWHEAD. LIGHTNING ABOVE

PR	TE	SA	SGTH
10.0	15.109	35.919	26.674
20.0	14.882	35.937	26.738
30.0	14.714	35.958	26.791
40.0	14.577	35.982	26.840
50.0	14.298	36.042	26.947
60.0	14.199	36.084	27.001
70.0	14.158	36.078	27.006
80.0	14.132	36.095	27.025
90.0	13.649	36.074	27.111

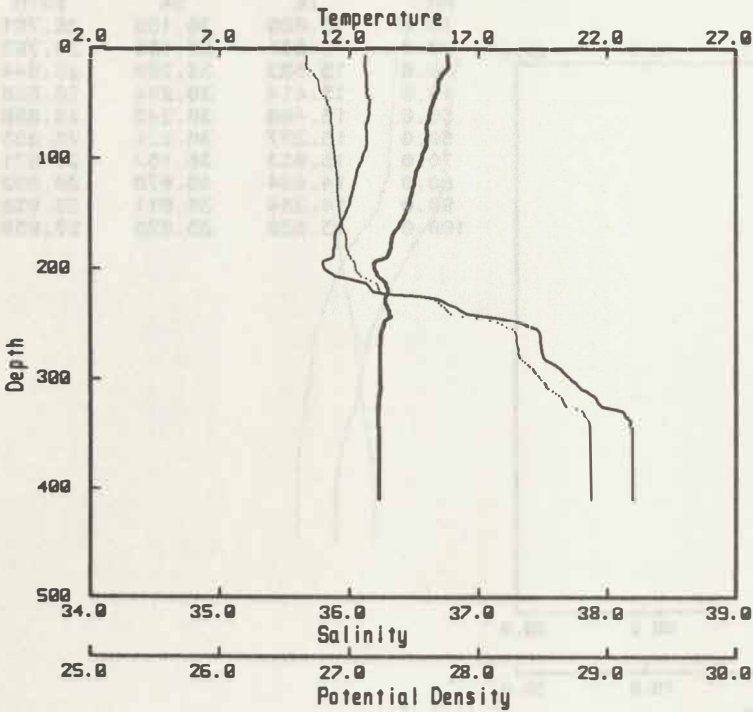
STATION GB1072 : 35 51.9 N 6 14.1 W 2/ 4/86 519Z 314/ 325m

Day: 92.22 SST: 15.6 Tdry: 14.2 RH: 88.0 Wspd: 3.0 CTD #: 3  
2 APR 86 NAB POS:SHL/RAD Km E and N of Tarifa: -54.4km -15.0km  
A-6 . IN NORTHERN CHANNEL OF STRAIT.

PR	TE	SA	SGTH
10.0	15.679	36.150	26.723
20.0	15.416	36.183	26.808
30.0	15.284	36.175	26.832
40.0	15.333	36.194	26.836
50.0	15.366	36.201	26.835
60.0	15.444	36.229	26.839
70.0	15.374	36.217	26.846
80.0	15.060	36.152	26.866
90.0	14.586	36.051	26.893
100.0	14.316	36.003	26.915
120.0	13.965	35.939	26.941
140.0	13.875	35.959	26.976
160.0	12.998	35.966	27.163
180.0	13.861	36.693	27.547
200.0	13.890	36.762	27.595
300.0	13.322	37.797	28.519

STATION GB1073 : 35 49.1 N 6 14.0 W 2/ 4/86 639Z 410/ 421m

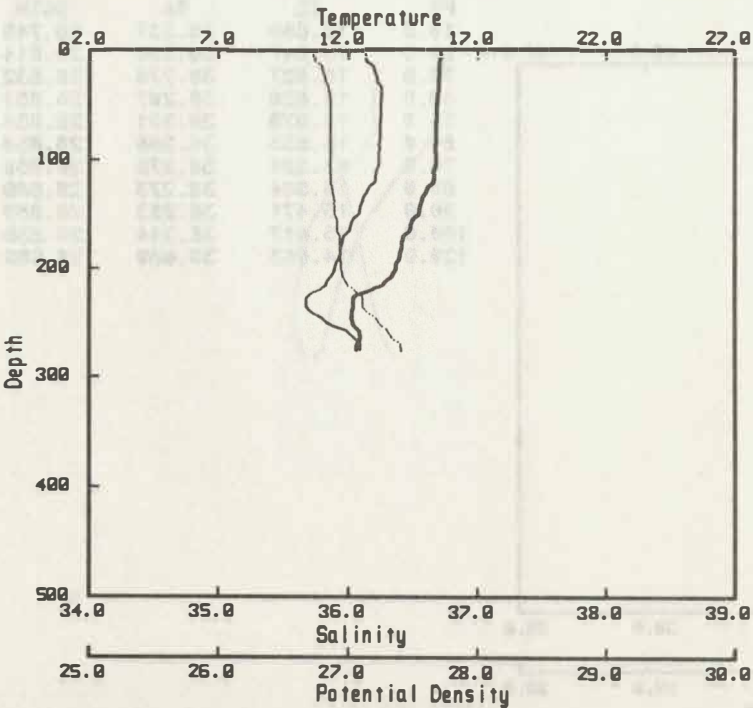
Day: 92.68 SST: 15.5 Tdry: 14.1 RH: 87.9 Wspd: 4.0 CTD #: 3  
 2 APR 86 SS POD:SHL/SATNAV Km E and N of Tarifa: -54.3km -20.2km  
 A-7 GMT SHOUL DBE 0639



PR	TE	SA	SGTH
10.0	15.816	36.121	26.669
20.0	15.709	36.128	26.700
30.0	15.446	36.133	26.763
40.0	15.361	36.135	26.785
50.0	15.196	36.153	26.836
60.0	15.069	36.146	26.859
70.0	14.960	36.126	26.868
80.0	14.975	36.133	26.870
90.0	14.908	36.125	26.880
100.0	14.776	36.096	26.887
120.0	14.496	36.041	26.906
140.0	14.302	35.999	26.916
160.0	13.926	35.928	26.942
180.0	13.594	35.862	26.977
200.0	12.984	35.815	27.051
300.0	13.186	37.716	28.484
400.0	13.132	38.202	28.875

STATION GB1074 : 35 46.0 N 6 13.5 W 2/ 4/86 749Z 275/ 286m

Day: 92.31 SST: 15.4 Tdry: 14.5 RH: 85.5 Wspd: 12.0 CTD #: 3  
 2 APR 86 SS POS:SHL/SATNAV Km E and N of Tarifa: -53.6km -25.9km  
 A-8



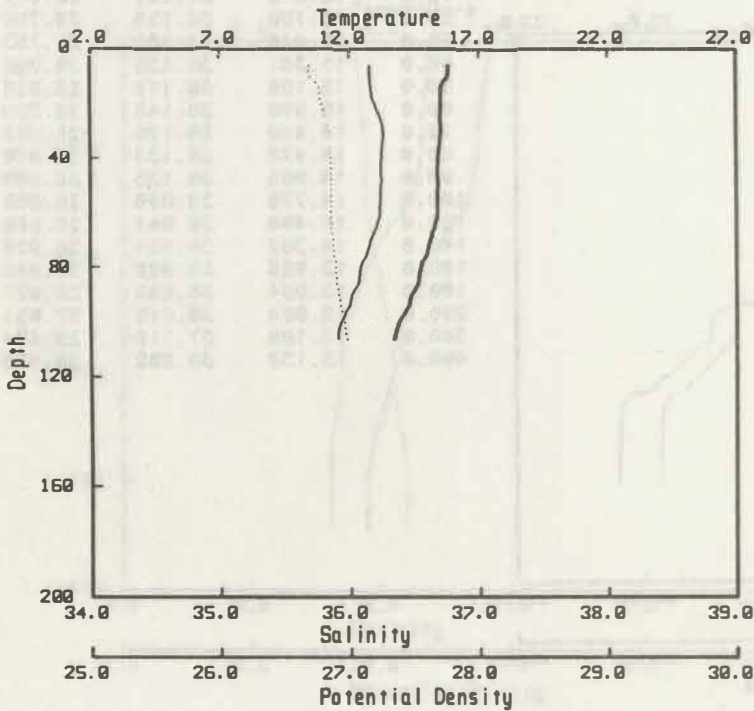
PR	TE	SA	SGTH
10.0	15.540	36.137	26.745
20.0	15.507	36.208	26.807
30.0	15.486	36.233	26.831
40.0	15.446	36.256	26.858
50.0	15.418	36.252	26.862
60.0	15.406	36.251	26.864
70.0	15.378	36.244	26.866
80.0	15.385	36.243	26.864
90.0	15.372	36.239	26.864
100.0	15.377	36.237	26.862
120.0	15.257	36.202	26.862
140.0	14.773	36.097	26.889
160.0	14.382	36.015	26.912
180.0	14.036	35.943	26.931
200.0	13.807	35.895	26.943



STATIONGB1075 : 35 40.5 N 6 12.3 W 2/ 4/86 901Z 107/ 117m

Day: 92.38 SST: 15.7 Tdry: 14.4 RH: 87.0 Wspd: 14.0 CTD #: 3  
 2 APR 86 SS POS:SHL/SATNAV Km E and N of Tarifa: -51.8km -36.1km  
 A-9 .WINDSP IS 14 KT

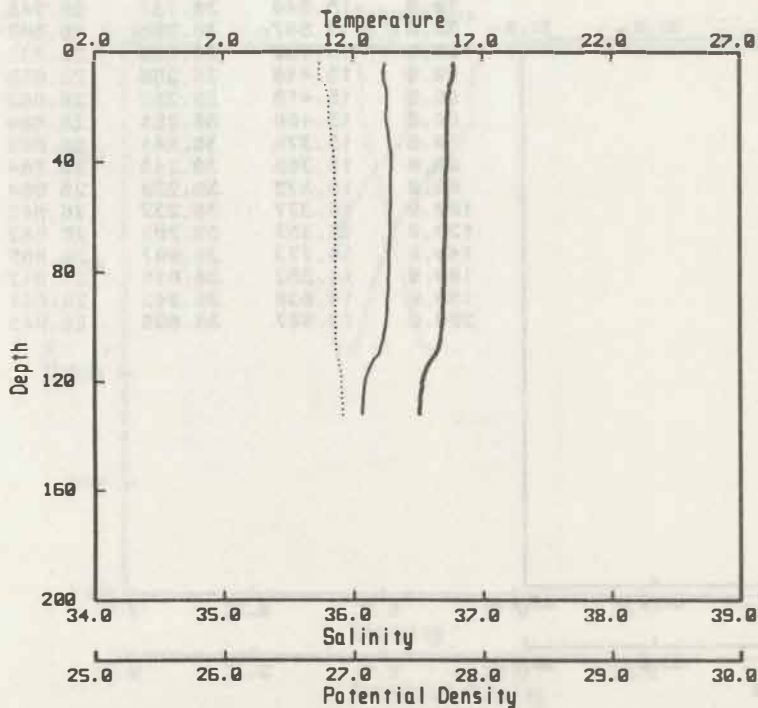
PR	TE	SA	SGTH
10.0	15.806	36.159	26.701
20.0	15.531	36.196	26.792
30.0	15.523	36.260	26.844
40.0	15.414	36.244	26.856
50.0	15.400	36.242	26.858
60.0	15.377	36.231	26.855
70.0	15.053	36.157	26.871
80.0	14.684	36.078	26.892
90.0	14.344	36.011	26.915
100.0	13.839	35.925	26.956



STATION GB1076 : 35 35.1 N 6 20.8 W 2/ 4/86 1024Z 131/ 133m

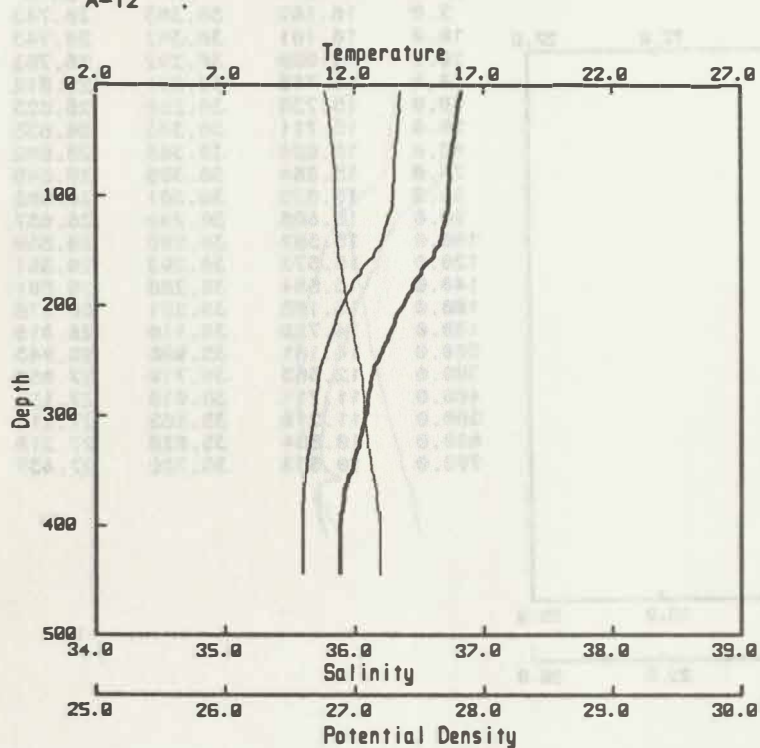
Day: 92.43 SST: 15.8 Tdry: 15.6 RH: 87.0 Wspd: 17.0 CTD #: 3  
 2 APR 86 SS POS:SHL/SATNAV Km E and N of Tarifa: -64.6km -46.1km  
 A-11

PR	TE	SA	SGTH
10.0	15.860	36.237	26.748
20.0	15.647	36.258	26.814
30.0	15.627	36.276	26.832
40.0	15.620	36.297	26.851
50.0	15.578	36.291	26.856
60.0	15.555	36.286	26.858
70.0	15.524	36.278	26.859
80.0	15.504	36.273	26.860
90.0	15.471	36.263	26.860
100.0	15.417	36.244	26.858
120.0	14.653	36.089	26.909



STATION GB1077 : 35 39.3 N 6 29.4 W 2/ 4/86 1153Z 443/ 447m

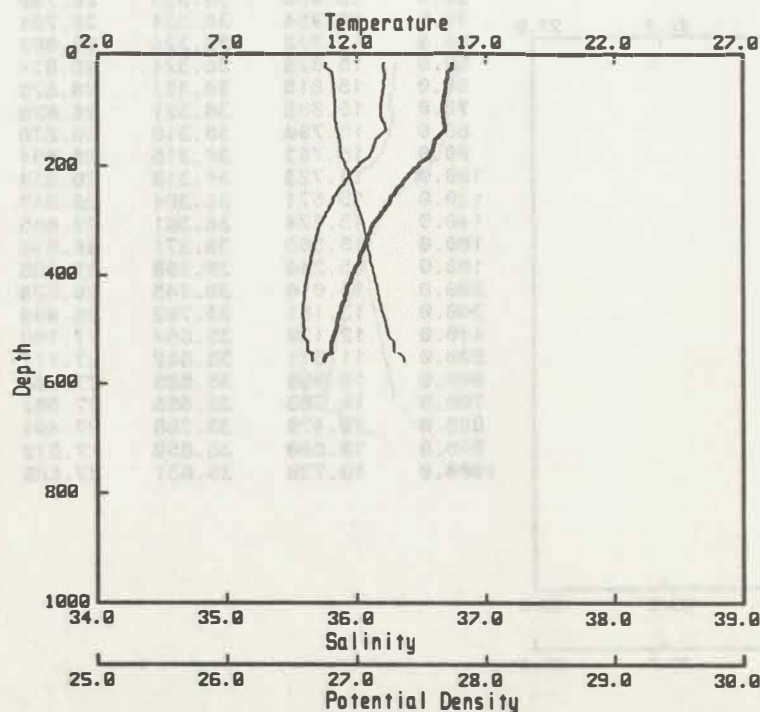
Day: 92.48 SST: 16.3 Tdry: 16.3 RH: 78.0 Wapd: 12.0 CTD #: 3  
 2 APR 86 SS POS:SHL/SATNAV Km E and N of Tarifa: -77.5km -38.3km  
 A-12



PR	TE	SA	SGTH
10.0	16.111	36.351	26.778
20.0	15.988	36.345	26.802
30.0	15.942	36.338	26.808
40.0	15.877	36.332	26.819
50.0	15.829	36.323	26.823
60.0	15.758	36.313	26.832
70.0	15.690	36.304	26.841
80.0	15.664	36.303	26.847
90.0	15.631	36.296	26.849
100.0	15.638	36.296	26.848
120.0	15.491	36.255	26.850
140.0	15.321	36.213	26.857
160.0	14.831	36.101	26.880
180.0	14.239	35.977	26.914
200.0	13.839	35.898	26.938
300.0	12.372	35.682	27.072
400.0	11.418	35.596	27.190

STATION GB1078 : 35 43.7 N 6 39.8 W 2/ 4/86 1331Z 560/ 563m

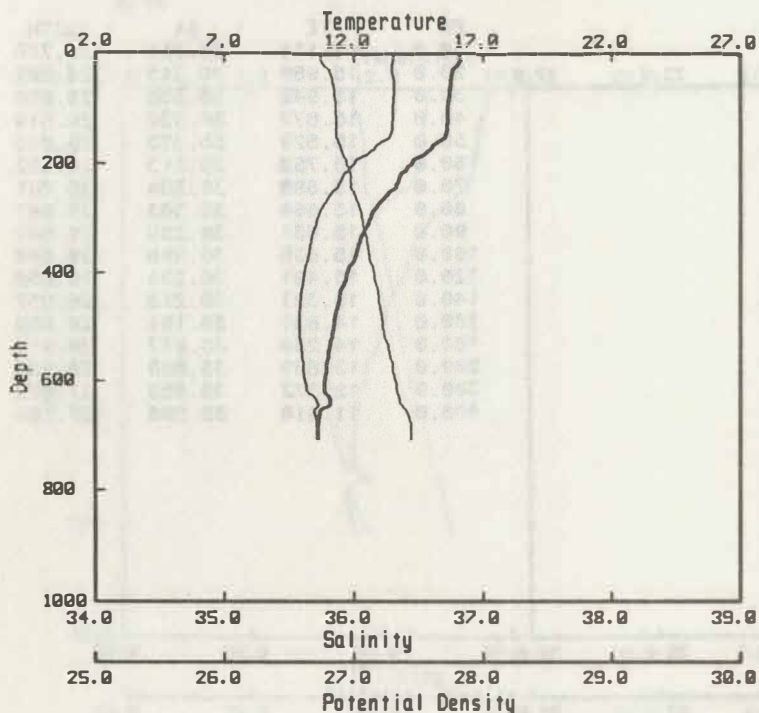
Day: 92.55 SST: 15.8 Tdry: 13.8 RH: 84.0 Wapd: 18.0 CTD #: 3  
 2 APR 86 SS POS:SHL/SATNAV Km E and N of Tarifa: -93.0km -30.2km  
 A-13



PR	TE	SA	SGTH
20.0	15.683	36.206	26.765
30.0	15.571	36.211	26.795
40.0	15.498	36.215	26.815
50.0	15.442	36.207	26.822
60.0	15.430	36.208	26.826
70.0	15.401	36.202	26.828
80.0	15.357	36.193	26.831
90.0	15.321	36.186	26.835
100.0	15.323	36.186	26.834
120.0	15.360	36.198	26.836
140.0	15.341	36.213	26.853
160.0	14.987	36.137	26.874
180.0	14.849	36.103	26.879
200.0	14.408	36.018	26.910
300.0	12.723	35.734	27.043
400.0	11.814	35.620	27.134
500.0	11.194	35.597	27.235

STATION GB1079 : 35 46.3 N 6 49.6 W 2/ 4/86 1530Z 707/ 716m

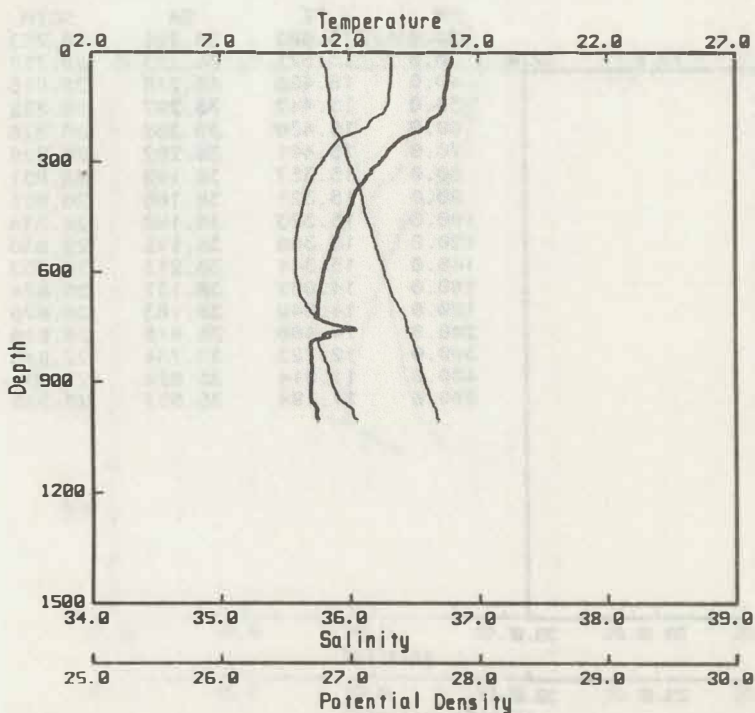
Day: 92.64 SST: 16.2 Tdry: 14.7 RH: 70.0 Wspd: 7.0 CTD #: 3  
 2 APR 86 SS POS:SHL/SATNAV Km E and N of Tarifa: -107.8km -25.3km  
 A-14 \*\*\* uptrace \*\*\*



PR	TE	SA	SGTH
2.0	16.102	36.303	26.743
10.0	16.101	36.302	26.743
20.0	15.980	36.292	26.763
30.0	15.768	36.291	26.812
40.0	15.738	36.296	26.823
50.0	15.711	36.303	26.835
60.0	15.686	36.305	26.842
70.0	15.664	36.305	26.848
80.0	15.635	36.301	26.852
90.0	15.608	36.299	26.857
100.0	15.587	36.296	26.859
120.0	15.573	36.293	26.861
140.0	15.554	36.286	26.861
160.0	15.188	36.201	26.878
180.0	14.729	36.110	26.910
200.0	14.181	35.998	26.943
300.0	12.583	35.719	27.059
400.0	11.711	35.618	27.152
500.0	11.216	35.582	27.219
600.0	10.884	35.628	27.318
700.0	10.633	35.720	27.437

STATION GB1080 : 35 50.2 N 6 59.6 W 2/ 4/86 1725Z 1005/1009m

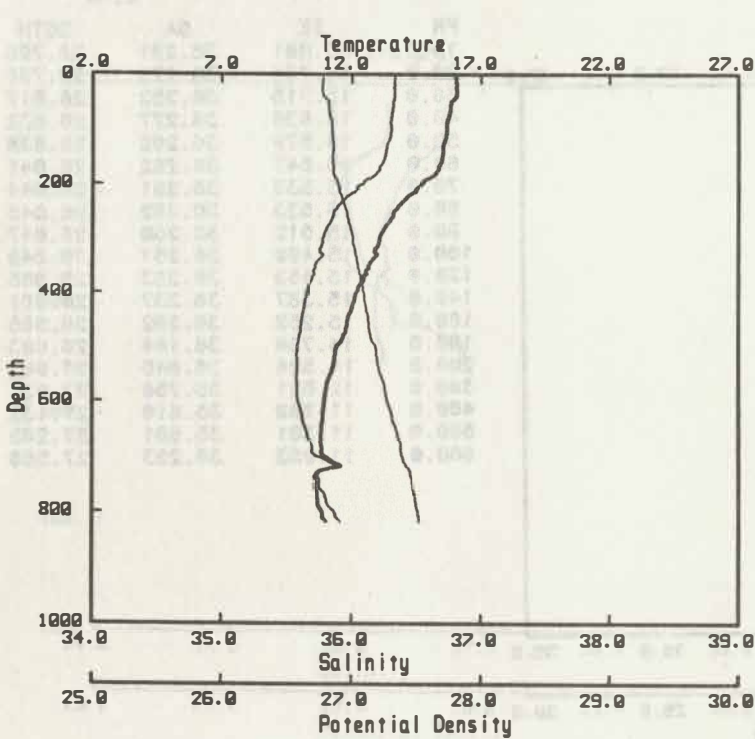
Day: 92.72 SST: 15.4 Tdry: 14.4 RH: 74.0 Wspd: 10.0 CTD #: 3  
 2 APR 86 SS POS:SHL/SATNAV Km E and N of Tarifa: -122.7km -18.1km  
 A-15



PR	TE	SA	SGTH
20.0	15.980	36.325	26.789
30.0	15.954	36.324	26.794
40.0	15.893	36.324	26.809
50.0	15.828	36.324	26.824
60.0	15.816	36.321	26.825
70.0	15.805	36.321	26.828
80.0	15.790	36.319	26.830
90.0	15.762	36.315	26.834
100.0	15.723	36.310	26.839
120.0	15.671	36.304	26.847
140.0	15.674	36.301	26.845
160.0	15.563	36.271	26.848
180.0	15.240	36.198	26.865
200.0	15.010	36.145	26.876
300.0	13.181	35.792	26.996
400.0	12.129	35.654	27.100
500.0	11.511	35.592	27.172
600.0	10.989	35.585	27.265
700.0	10.783	35.685	27.382
800.0	10.479	35.758	27.496
900.0	10.500	35.858	27.572
1000.0	10.729	36.031	27.669

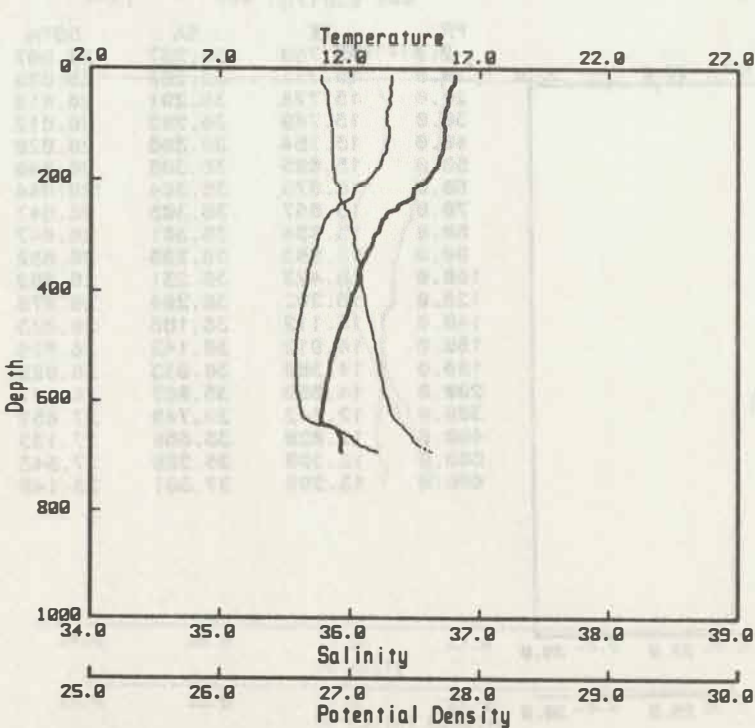


STATION GB1081 : 35 51.6 N 6 55.3 W 2/ 4/86 1849Z 816/ 826m  
 Day: 92.77 SST: 15.9 Tdry: 14.9 RH: 69.0 Wspd: 10.0 CTD #: 3  
 02 AP 86 ANC POS:SAT/RAD Km E and N of Tarifa: -116.3km -15.6km  
 A-16



PR	TE	SA	SGTH
10.0	16.034	36.328	26.778
20.0	16.039	36.327	26.777
30.0	16.044	36.328	26.777
40.0	16.020	36.328	26.783
50.0	15.823	36.320	26.822
60.0	15.801	36.313	26.822
70.0	15.762	36.310	26.829
80.0	15.690	36.303	26.841
90.0	15.659	36.304	26.849
100.0	15.650	36.303	26.850
120.0	15.569	36.284	26.855
140.0	15.499	36.264	26.856
160.0	15.411	36.236	26.855
180.0	15.233	36.189	26.860
200.0	14.653	36.070	26.897
300.0	13.069	35.781	27.010
400.0	12.153	35.655	27.096
500.0	11.411	35.589	27.188
600.0	10.959	35.590	27.274
700.0	11.010	35.747	27.390
800.0	10.892	35.872	27.511

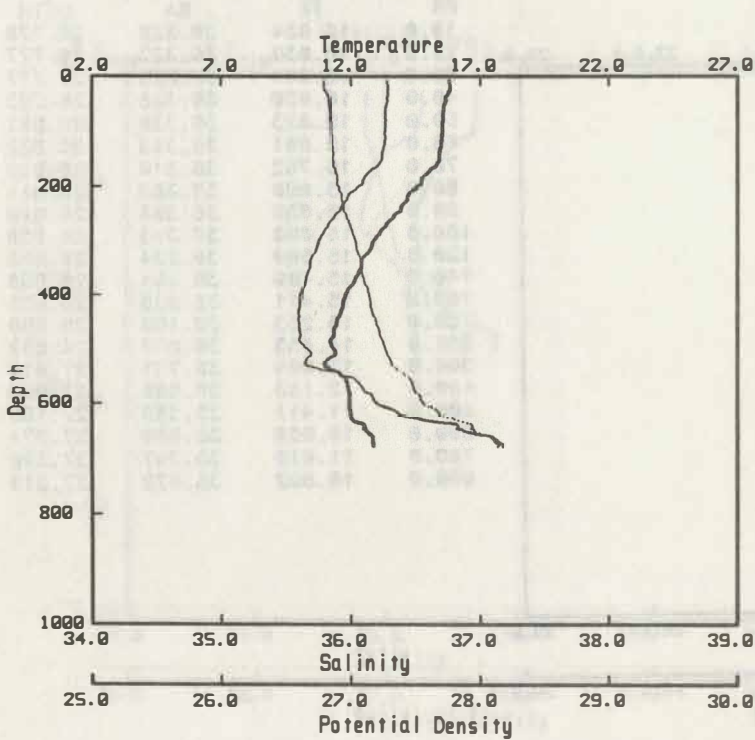
STATION GB1082 : 35 54.3 N 6 50.3 W 2/ 4/86 2012Z 692/ 698m  
 Day: 92.84 SST: 15.7 Tdry: 14.0 RH: 74.5 Wspd: 8.0 CTD #: 3  
 02 AP 86 ACC POS:SHL/SATNAV Km E and N of Tarifa: -108.7km -10.5km  
 A-17



PR	TE	SA	SGTH
20.0	15.995	36.316	26.778
30.0	15.969	36.313	26.782
40.0	15.792	36.308	26.820
50.0	15.766	36.309	26.827
60.0	15.723	36.299	26.829
70.0	15.681	36.292	26.834
80.0	15.603	36.277	26.840
90.0	15.571	36.276	26.847
100.0	15.543	36.275	26.853
120.0	15.588	36.293	26.858
140.0	15.526	36.275	26.859
160.0	15.398	36.242	26.863
180.0	15.248	36.205	26.869
200.0	14.939	36.132	26.882
300.0	12.879	35.752	27.026
400.0	12.141	35.654	27.098
500.0	11.413	35.588	27.187
600.0	10.972	35.614	27.291

STATION NGB1083 : 35 56.8 N 6 36.2 W 2/ 4/86 2120Z 677/ 692m

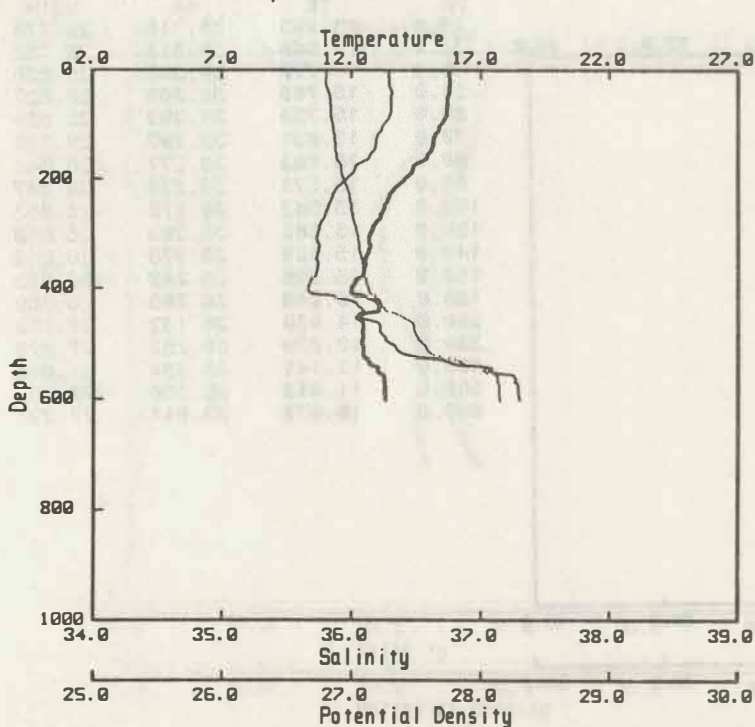
Day: 92.88 SST: 15.6 Tdry: 13.8 RH: 77.9 Wspd: 6.0 CTD #: 3  
 02 AP 86 ACC PO S:SHL/SATNAV Km E and N of Tarif a: -87.6km -6.0km  
 A-18



PR	TE	SA	SGTH
10.0	15.801	36.281	26.796
20.0	15.794	36.279	26.796
30.0	15.715	36.282	26.817
40.0	15.636	36.277	26.832
50.0	15.579	36.268	26.838
60.0	15.547	36.262	26.841
70.0	15.533	36.261	26.844
80.0	15.533	36.262	26.845
90.0	15.512	36.258	26.847
100.0	15.499	36.257	26.849
120.0	15.463	36.253	26.855
140.0	15.387	36.237	26.861
160.0	15.252	36.202	26.865
180.0	14.789	36.104	26.893
200.0	14.526	36.045	26.905
300.0	12.821	35.750	27.036
400.0	11.782	35.616	27.137
500.0	11.381	35.681	27.265
600.0	11.953	36.203	27.566

STATION GB1084 : 35 58.9 N 6 42.0 W 2/ 4/86 2235Z 602/ 612m

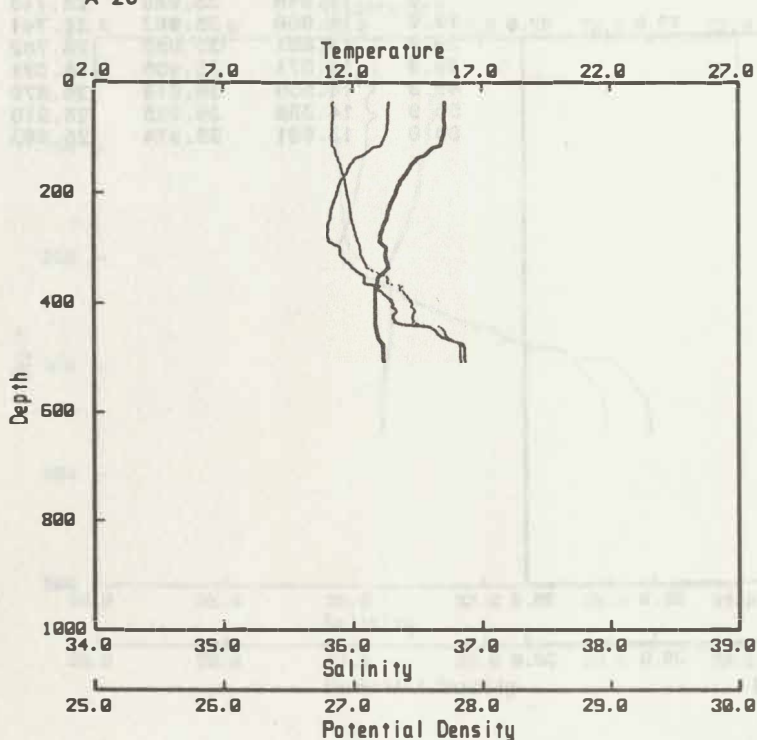
Day: 92.93 SST: 15.6 Tdry: 13.9 RH: 99.0 Wspd: 10.0 CTD #: 3  
 02 AP 86 ACC PO S:SHL/SATNAV Km E and N of Tarif a: -96.2km -2.0km  
 A-19 \*\*\* upte race \*\*\*



PR	TE	SA	SGTH
2.0	15.769	36.287	26.807
10.0	15.771	36.289	26.809
20.0	15.776	36.291	26.810
30.0	15.769	36.292	26.812
40.0	15.754	36.308	26.828
50.0	15.695	36.305	26.840
60.0	15.676	36.304	26.844
70.0	15.667	36.305	26.847
80.0	15.654	36.301	26.847
90.0	15.583	36.285	26.852
100.0	15.423	36.251	26.862
120.0	15.202	36.204	26.876
140.0	15.112	36.186	26.883
160.0	14.912	36.142	26.894
180.0	14.369	36.033	26.929
200.0	14.050	35.967	26.947
300.0	12.742	35.749	27.051
400.0	12.020	35.669	27.133
500.0	12.399	36.289	27.543
600.0	13.299	37.301	28.148

STATION GB1085 : 36 1.8 N 6 37.6 W 2/ 4/86 2347Z 506/ 516m

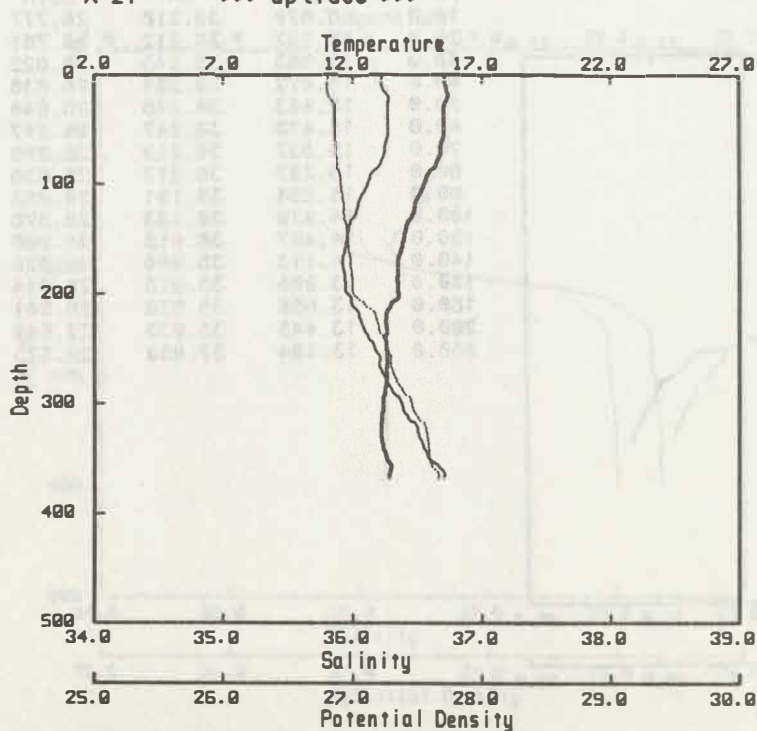
Day: 92.98 SST: 15.3 Tdry: 13.8 RH: 71.9 Wspd: 10.0 CTD #: 3  
 03 APR 86 ACC POS:SHL/SATNAV Km E and N of Tarif a: -89.6km 3.3km  
 A-20



PR	TE	SA	SGTH
40.0	15.559	36.279	26.851
50.0	15.547	36.277	26.852
60.0	15.543	36.276	26.853
70.0	15.544	36.274	26.851
80.0	15.546	36.271	26.849
90.0	15.537	36.265	26.847
100.0	15.467	36.247	26.849
120.0	15.041	36.148	26.869
140.0	14.450	36.013	26.895
160.0	14.146	35.965	26.924
180.0	13.839	35.910	26.947
200.0	13.670	35.883	26.962
300.0	13.298	35.908	27.061
400.0	12.889	36.313	27.461
500.0	13.191	36.866	27.831

STATION GB1086 : 36 3.8 N 6 32.7 W 3/ 4/86 56Z 368/ 379m

Day: 93.02 SST: 15.2 Tdry: 13.8 RH: 74.2 Wspd: 10.0 CTD #: 3  
 03 AP 86 ACC POS:SHL/SATNAV Km E and N of Tarif a: -82.2km 7.0km  
 A-21 \*\*\* uptrace \*\*\*

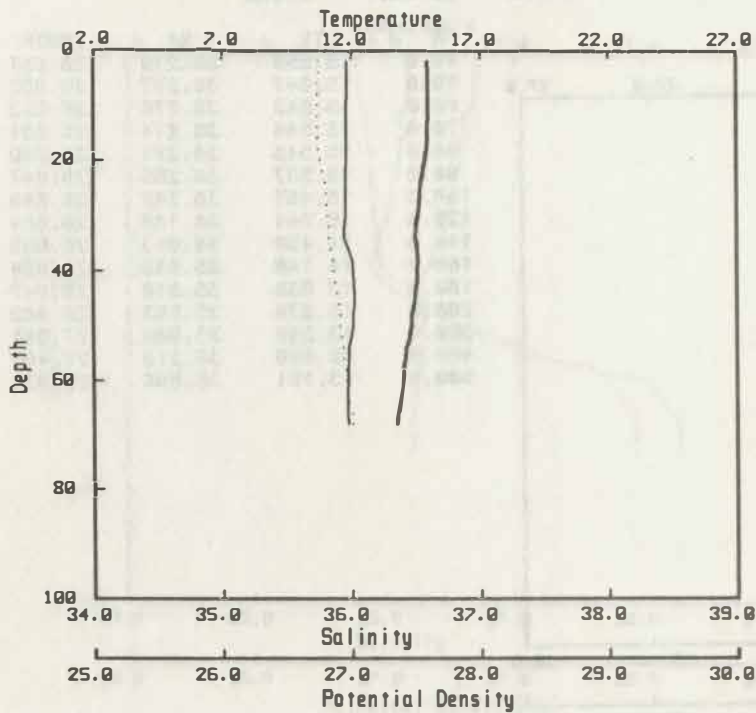


PR	TE	SA	SGTH
2.0	15.557	36.221	26.805
10.0	15.564	36.222	26.805
20.0	15.663	36.273	26.822
30.0	15.492	36.270	26.858
40.0	15.487	36.270	26.860
50.0	15.487	36.270	26.860
60.0	15.437	36.261	26.865
70.0	15.358	36.245	26.871
80.0	15.212	36.214	26.880
90.0	14.918	36.149	26.896
100.0	14.729	36.112	26.909
120.0	14.370	36.038	26.931
140.0	14.029	35.969	26.951
160.0	13.840	35.938	26.968
180.0	13.711	35.932	26.991
200.0	13.728	35.949	27.001
300.0	13.161	36.373	27.449



STATION GB1087 : 36 8.6 N 6 24.7 W 3/ 4/86 302Z 70/ 75m

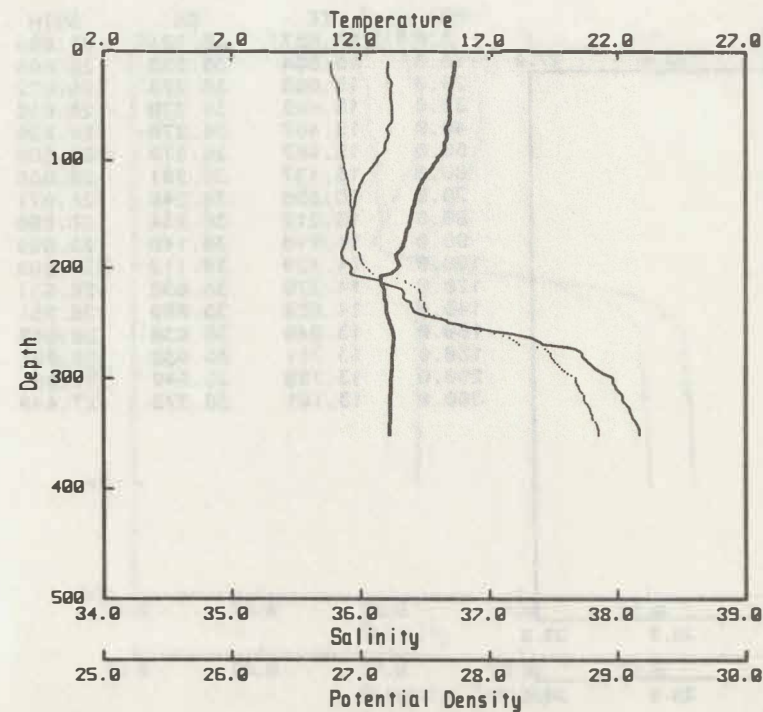
Day: 93.13 SST: 14.7 Tdry: 13.7 RH: 74.6 Wspd: 6.0 CTD #: 3  
 03 AP 86 ACC POS:SHL/SATNAV Km E and N of Tarifa: -70.2km 16.0km  
 A-22 .LAST STATION



PR	TE	SA	SGTH
2.0	14.948	35.969	26.748
10.0	14.960	35.963	26.741
20.0	14.851	35.959	26.762
30.0	14.571	35.956	26.821
40.0	14.559	36.016	26.870
50.0	14.338	36.015	26.918
60.0	13.981	35.974	26.963

STATION GB1088 : 35 50.0 N 6 3.9 W 5/ 4/86 1535Z 350/ 362m

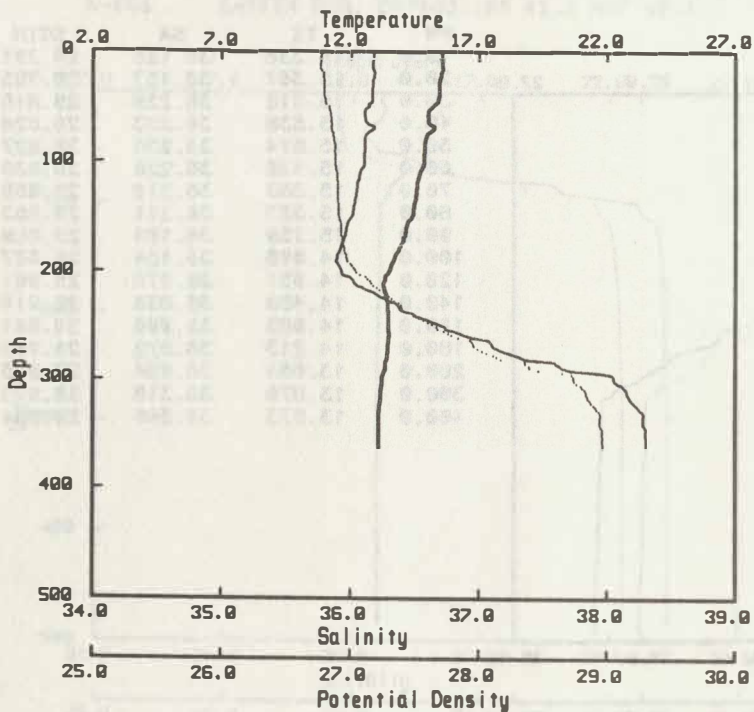
Day: 95.64 SST: 15.3 Tdry: 14.3 RH: 88.4 Wspd: 10.0 CTD #: 3  
 5 APR 86 SS POS:SHL/SATNAV Km E and N of Tarifa: -39.1km -18.6km  
 K-108 . WEST END OF ALONG STRAIT SECTION



PR	TE	SA	SGTH
10.0	15.670	36.218	26.777
20.0	15.637	36.212	26.781
30.0	15.563	36.243	26.822
40.0	15.472	36.235	26.836
50.0	15.463	36.245	26.846
60.0	15.470	36.247	26.847
70.0	15.337	36.212	26.850
80.0	15.357	36.217	26.850
90.0	15.254	36.191	26.853
100.0	14.979	36.133	26.870
120.0	14.407	36.015	26.905
140.0	14.113	35.960	26.926
160.0	13.905	35.925	26.944
180.0	13.656	35.878	26.961
200.0	13.445	35.935	27.049
300.0	13.184	37.959	28.673

STATION GB1089 : 35 51.4 N 5 59.3 W 5/ 4/86 1742Z 363/ 375m

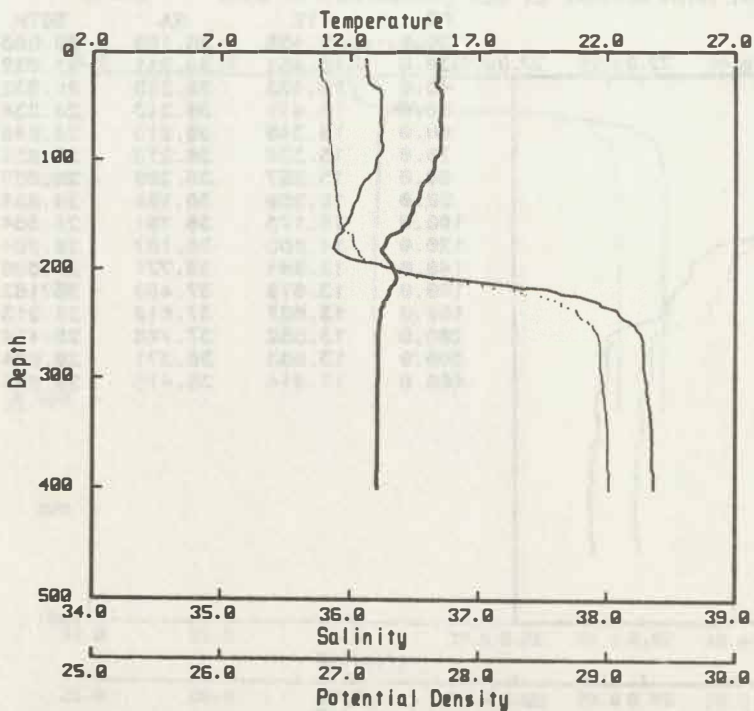
Day: 95.73 SST: 15.4 Tdry: 14.2 RH: 90.3 Wspd: 15.0 CTD #: 3  
 05 APR 86 ACC POS:RADAR Km E and N of Tarifa: -32.2km -15.9km  
 K-608



PR	TE	SA	SGTH
2.0	15.551	36.177	26.773
10.0	15.560	36.174	26.769
20.0	15.519	36.186	26.787
30.0	15.439	36.173	26.796
40.0	15.429	36.168	26.795
50.0	15.192	36.147	26.832
60.0	15.012	36.113	26.846
70.0	15.239	36.182	26.849
80.0	14.895	36.109	26.870
90.0	14.866	36.107	26.875
100.0	14.842	36.105	26.879
120.0	14.569	36.050	26.897
140.0	14.445	36.020	26.901
160.0	14.138	35.963	26.924
180.0	13.837	35.911	26.948
200.0	13.453	35.926	27.040
300.0	13.211	38.052	28.739

STATION GB1090 : 35 52.2 N 5 54.6 W 5/ 4/86 1853Z 400/ 408m

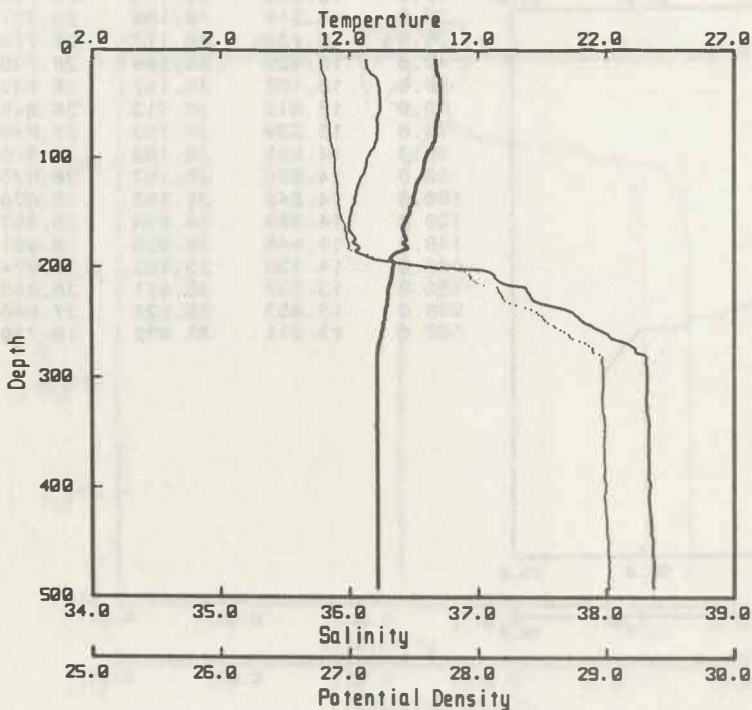
Day: 95.77 SST: 15.3 Tdry: 14.3 RH: 88.3 Wspd: 14.0 CTD #: 3  
 05 APR 86 ACC POS:SHL/RADAR Km E and N of Tarifa: -25.2km -14.4km  
 K-607 CAPE SPARTEL RADAR 18504.0. SATFIX 35 52.4, 5 52.2



PR	TE	SA	SGTH
10.0	15.404	36.122	26.764
20.0	15.388	36.133	26.776
30.0	15.319	36.161	26.814
40.0	15.527	36.239	26.827
50.0	15.508	36.236	26.829
60.0	15.489	36.234	26.833
70.0	15.493	36.239	26.836
80.0	15.466	36.235	26.839
90.0	15.451	36.244	26.850
100.0	15.223	36.196	26.865
120.0	14.808	36.097	26.881
140.0	14.440	36.023	26.905
160.0	14.019	35.948	26.938
180.0	13.213	35.867	27.044
200.0	13.682	36.352	27.322
300.0	13.067	38.300	28.962
400.0	13.045	38.362	29.017

STATION GB1091 : 35 52.8 N 5 51.8 W 5/ 4/86 1956Z 492/ 500m

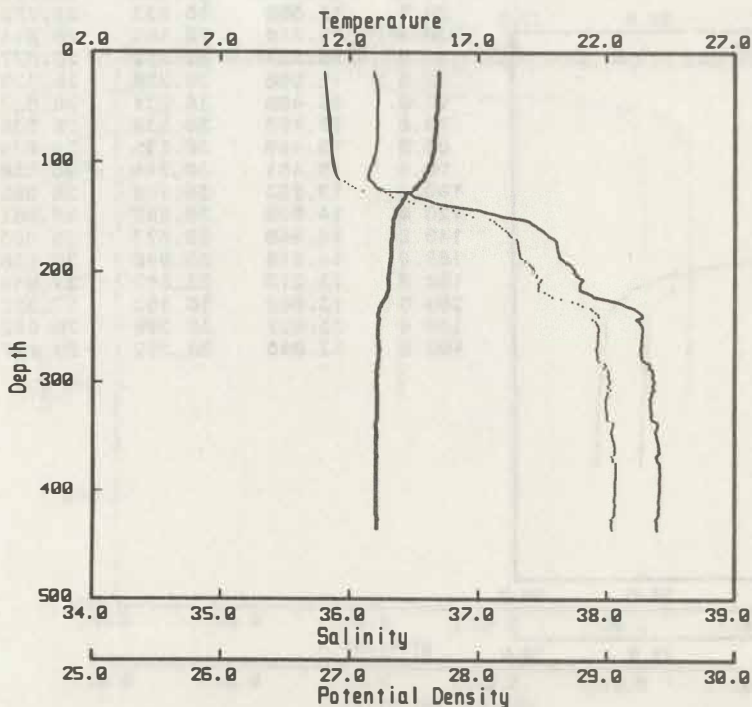
Day: 95.81 SST: 15.1 Tdry: 14.4 RH: -9.0 Wspd: 18.0 CTD #: 3  
 05 APR 86 ACC POS:SHL/RADAR Km E and N of Tarifa: -21.0km -13.3km  
 K-207 POS IS SATFIX.RAINING.



PR	TE	SA	SGTH
10.0	15.338	36.125	26.781
20.0	15.387	36.157	26.795
30.0	15.515	36.220	26.815
40.0	15.538	36.233	26.820
50.0	15.514	36.235	26.827
60.0	15.426	36.220	26.836
70.0	15.353	36.216	26.850
80.0	15.323	36.211	26.853
90.0	15.159	36.184	26.869
100.0	14.908	36.134	26.887
120.0	14.651	36.078	26.901
140.0	14.450	36.038	26.914
160.0	14.082	35.996	26.961
180.0	14.213	36.072	26.993
200.0	13.654	36.684	27.585
300.0	13.070	38.318	28.975
400.0	13.073	38.340	28.994

STATION GB1092 : 35 53.7 N 5 47.2 W 5/ 4/86 2108Z 438/ 453m

Day: 95.88 SST: 15.2 Tdry: 15.4 RH: 79.7 Wspd: 10.0 CTD #: 3  
 05 APR 86 ACC POS:SHL/RADAR Km E and N of Tarifa: -14.1km -11.6km  
 K-606 DRT=0028, POS OS SATFIX, RAIN QUIT.

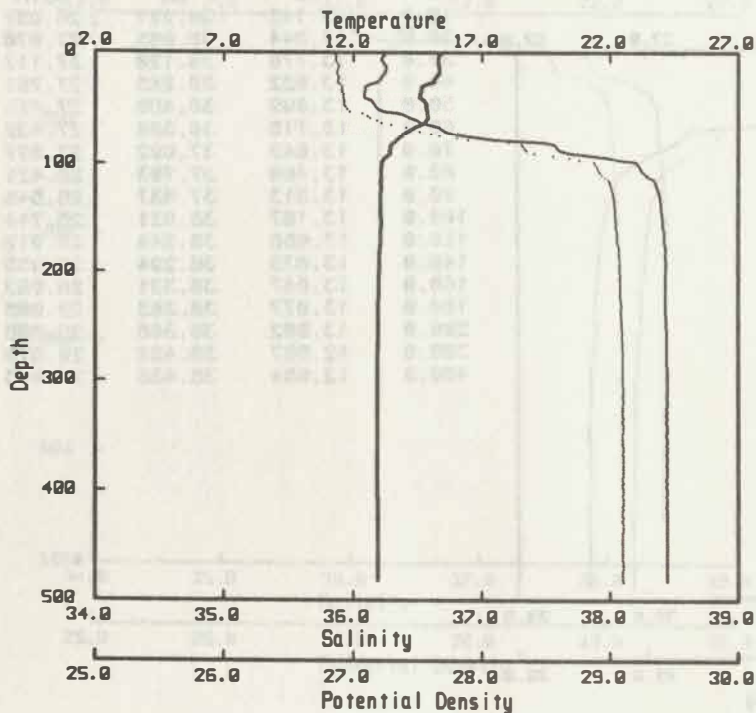


PR	TE	SA	SGTH
20.0	15.458	36.189	26.803
30.0	15.451	36.211	26.822
40.0	15.423	36.215	26.832
50.0	15.411	36.213	26.834
60.0	15.345	36.213	26.849
70.0	15.336	36.213	26.851
80.0	15.297	36.209	26.857
90.0	15.259	36.199	26.858
100.0	15.175	36.181	26.864
120.0	14.655	36.187	26.984
140.0	13.944	36.771	27.589
160.0	13.679	37.466	28.183
180.0	13.627	37.619	28.313
200.0	13.552	37.748	28.429
300.0	13.033	38.371	29.024
400.0	13.014	38.415	29.065



STATION GB1093 : 35 55.1 N 5 41.6 W 5/ 4/86 2225Z 482/ 493m

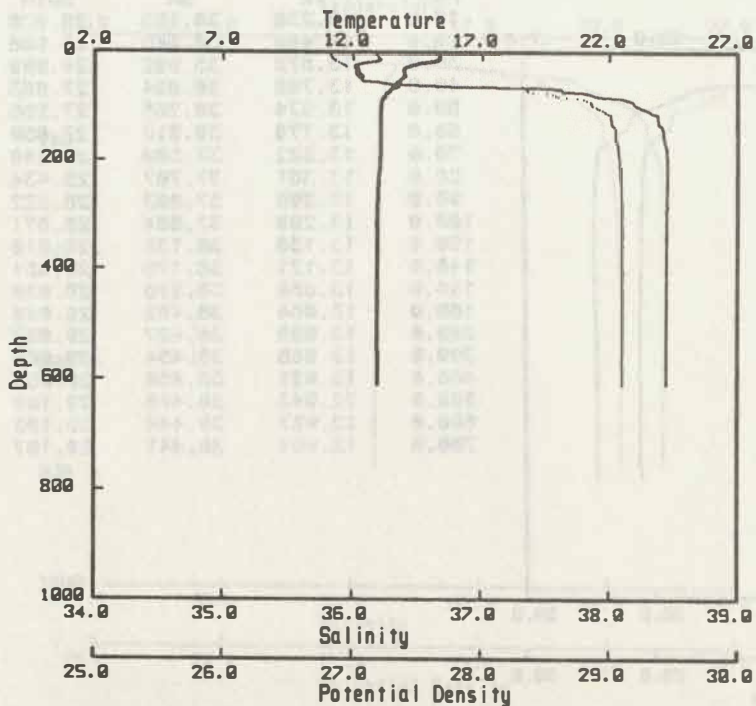
Day: 95.93 SST: 15.2 Tdry: 15.1 RH: 79.5 Wspd: 8.0 CTD #: 3  
 05 AP 86 ACC POS:SHL/RADAR Km E and N of Tarifa: -5.6km -9.1km  
 K-605 SATFIX POS. DRT0031.05 42.2 NOT 42.2.



PR	TE	SA	SGTH
2.0	15.379	36.243	26.862
10.0	15.307	36.241	26.877
20.0	15.249	36.228	26.881
30.0	14.645	36.095	26.912
40.0	14.565	36.084	26.921
50.0	14.809	36.189	26.949
60.0	14.806	36.492	27.184
70.0	14.079	36.708	27.509
80.0	13.578	37.474	28.208
90.0	13.417	37.689	28.409
100.0	13.100	38.214	28.882
120.0	13.067	38.361	29.004
140.0	13.053	38.399	29.037
160.0	13.064	38.419	29.050
180.0	13.026	38.431	29.068
200.0	13.002	38.433	29.075
300.0	12.937	38.445	29.101
400.0	12.947	38.445	29.102

STATION GB1094 : 35 55.7 N 5 39.1 W 5/ 4/86 2317Z 610/ 620m

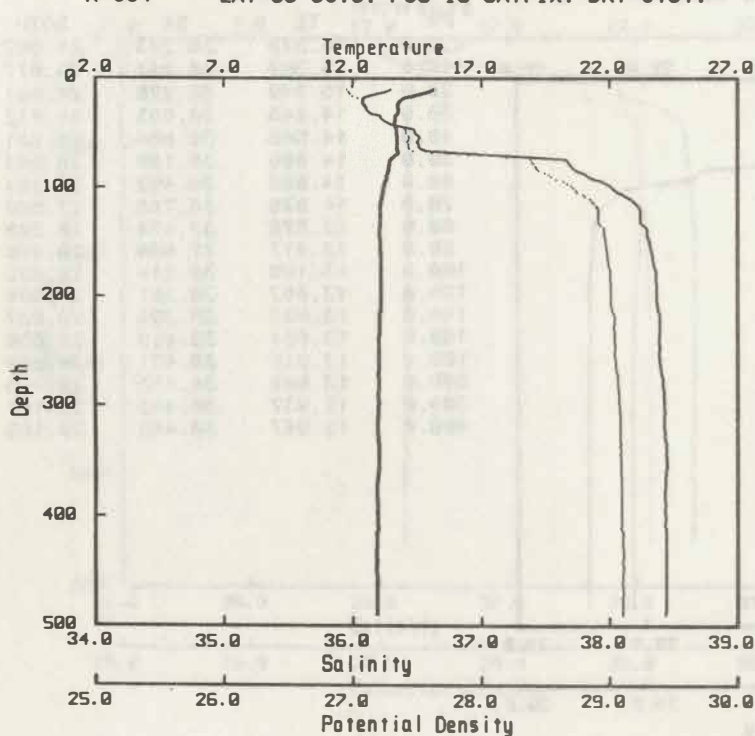
Day: 95.97 SST: 15.3 Tdry: 14.3 RH: 78.6 Wspd: 8.0 CTD #: 3  
 05 AP 86 ACC POS:SHL/RADAR Km E and N of Tarifa: -1.9km -8.0km  
 K-305 THIS STA.DRT=0035, POS IS SATFIX.



PR	TE	SA	SGTH
10.0	15.329	36.197	26.838
20.0	14.865	36.124	26.886
30.0	13.999	36.038	27.007
40.0	13.975	36.049	27.021
50.0	13.834	36.063	27.062
60.0	13.647	36.307	27.290
70.0	13.419	37.627	28.360
80.0	13.256	37.865	28.579
90.0	13.128	38.149	28.826
100.0	13.110	38.199	28.868
120.0	13.071	38.373	29.012
140.0	13.075	38.410	29.041
160.0	13.075	38.425	29.053
180.0	13.072	38.447	29.071
200.0	13.058	38.452	29.078
300.0	12.953	38.448	29.100
400.0	12.956	38.447	29.102
500.0	12.963	38.446	29.102
600.0	12.977	38.445	29.102

STATION GB1095 : 35 56.5 N 5 35.2 W 6/ 4/86 14Z 494/ 502m

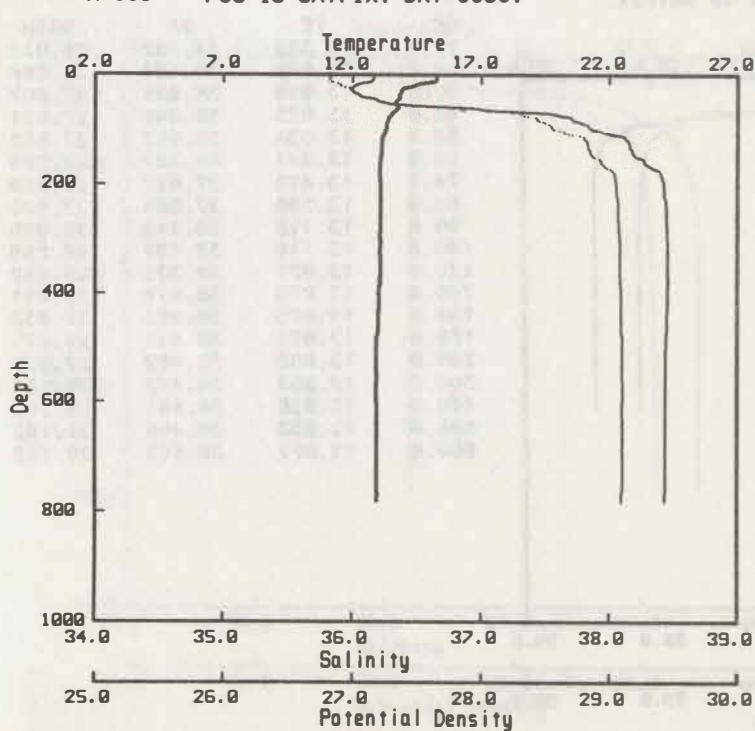
Day: 96.01 SST: 15.2 Tdry: 15.1 RH: 70.1 Wspd: 8.0 CTD #: 3  
06 AP 86 ACC POS:SHL/RAD Km E and N of Tarifa: 3.9km -6.5km  
K-604 LAT=35 56.5. POS IS SATFIX. DRT=0131.



PR	TE	SA	SGTH
10.0	15.142	36.297	26.957
20.0	13.844	36.085	27.076
30.0	13.778	36.120	27.117
40.0	13.632	36.265	27.261
50.0	13.699	36.480	27.413
60.0	13.715	36.509	27.432
70.0	13.649	37.092	27.897
80.0	13.408	37.703	28.421
90.0	13.313	37.837	28.545
100.0	13.187	38.021	28.714
120.0	13.058	38.240	28.912
140.0	13.035	38.294	28.959
160.0	13.067	38.331	28.982
180.0	13.077	38.363	29.005
200.0	13.082	38.368	29.008
300.0	12.987	38.429	29.078
400.0	12.954	38.435	29.093

STATION GB1096 : 35 57.4 N 5 31.3 W 6/ 4/86 105Z 782/ 795m

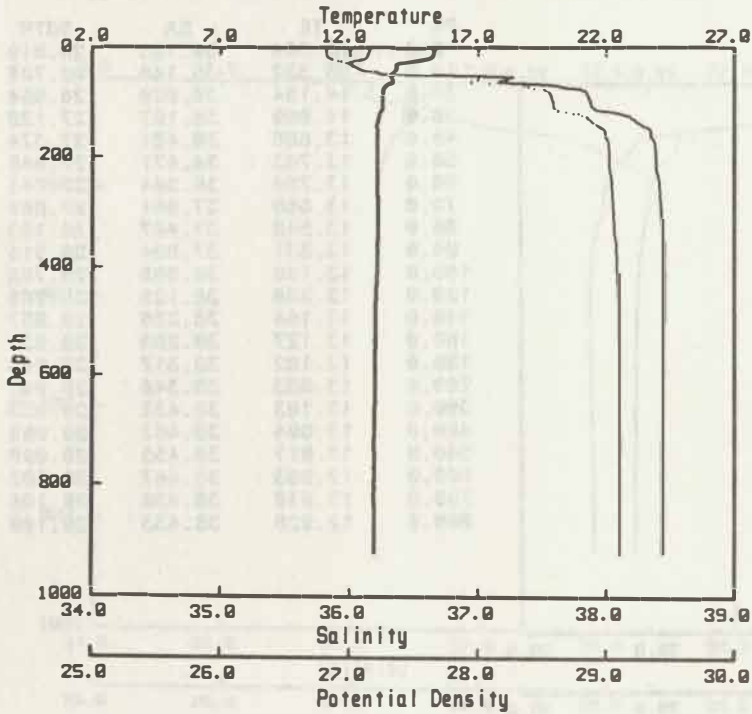
Day: 96.04 SST: 15.1 Tdry: 15.1 RH: 67.1 Wspd: 5.0 CTD #: 3  
06 AP 86 ACC POS:SHL/RAD Km E and N of Tarifa: 9.8km -4.8km  
K-603 POS IS SATFIX. DRT=0036.



PR	TE	SA	SGTH
10.0	15.238	36.155	26.826
20.0	14.469	36.040	26.908
30.0	13.872	35.992	26.999
40.0	13.798	36.054	27.063
50.0	13.674	36.205	27.206
60.0	13.776	36.819	27.659
70.0	13.522	37.500	28.240
80.0	13.361	37.707	28.434
90.0	13.296	37.803	28.522
100.0	13.290	37.864	28.571
120.0	13.136	38.138	28.816
140.0	13.121	38.178	28.851
160.0	13.069	38.275	28.938
180.0	13.054	38.402	29.040
200.0	13.085	38.427	29.053
300.0	13.068	38.454	29.081
400.0	13.021	38.456	29.095
500.0	12.943	38.445	29.106
600.0	12.957	38.444	29.105
700.0	12.954	38.441	29.107

STATION GB1097 : 35 58.1 N 5 27.7 W 6/ 4/86 201Z 922/ 945m

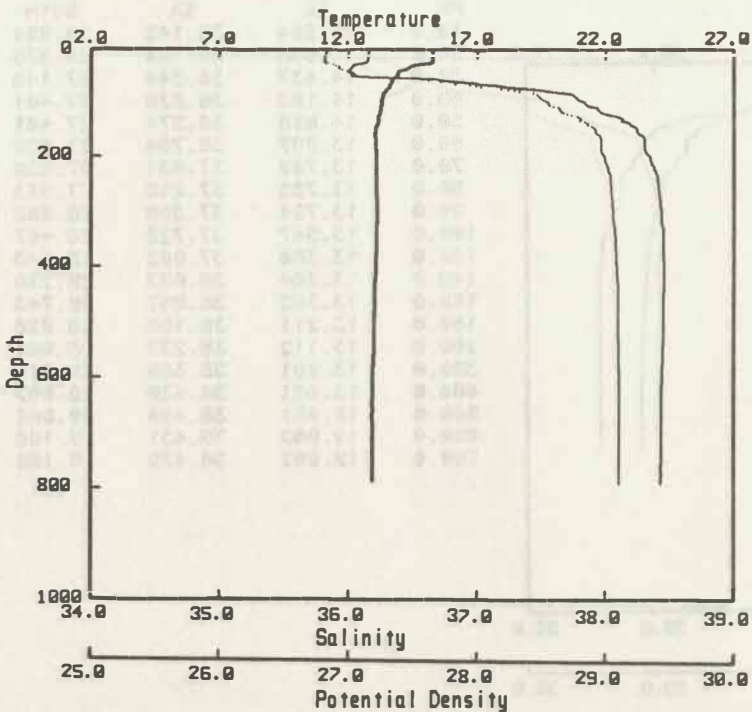
Day: 96.08 SST: 15.0 Tdry: 14.8 RH: 61.7 Wspd: 4.0 CTD #: 3  
 6 APR 86 CAP POS:SHL/RAD Km E and N of Tarifa: 15.1km -3.5km  
 K-404 . RADAR FIX: 37 57.1, 5 27.7.



PR	TE	SA	SGTH
10.0	15.239	36.143	26.817
20.0	15.045	36.118	26.841
30.0	13.824	35.990	27.007
40.0	13.804	36.073	27.076
50.0	13.638	36.244	27.243
60.0	13.638	37.220	27.998
70.0	13.408	37.621	28.357
80.0	13.289	37.837	28.550
90.0	13.271	37.862	28.573
100.0	13.269	37.878	28.586
120.0	13.180	38.108	28.784
140.0	13.066	38.272	28.935
160.0	13.071	38.351	28.996
180.0	13.078	38.384	29.021
200.0	13.081	38.389	29.025
300.0	13.098	38.433	29.058
400.0	13.073	38.458	29.086
500.0	13.016	38.455	29.099
600.0	12.989	38.448	29.102
700.0	12.959	38.441	29.106
800.0	12.948	38.437	29.108
900.0	12.958	38.436	29.108

STATION GB1098 : 35 59.1 N 5 22.7 W 6/ 4/86 314Z 784/ 880m

Day: 96.13 SST: 15.1 Tdry: 14.3 RH: 69.3 Wspd: 4.0 CTD #: 3  
 6 APR 86. SRR POS:SHL/RAD Km E and N of Tarifa: 22.6km -1.7km  
 K-602 . LARGE (3 KNOT) SURFACE CURRENT TO EAST.

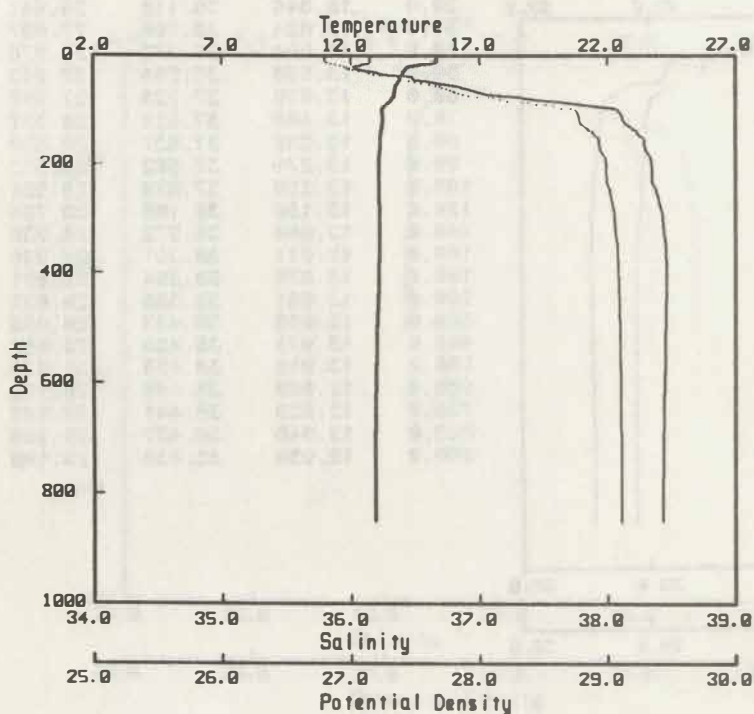


PR	TE	SA	SGTH
10.0	15.259	36.156	26.823
20.0	15.261	36.149	26.817
30.0	14.470	36.034	26.903
40.0	13.936	36.001	26.993
50.0	13.892	36.031	27.025
60.0	13.671	36.868	27.719
70.0	13.581	37.247	28.031
80.0	13.372	37.712	28.436
90.0	13.328	37.782	28.499
100.0	13.299	37.849	28.558
120.0	13.196	38.051	28.736
140.0	13.101	38.225	28.892
160.0	13.044	38.298	28.961
180.0	13.058	38.307	28.965
200.0	13.081	38.350	28.995
300.0	13.103	38.436	29.060
400.0	13.053	38.456	29.089
500.0	12.988	38.451	29.101
600.0	12.936	38.440	29.106
700.0	12.922	38.435	29.108



STATION GB1099 : 35 59.8 N 5 19.0 W 6/ 4/86 430Z 848/ 887m

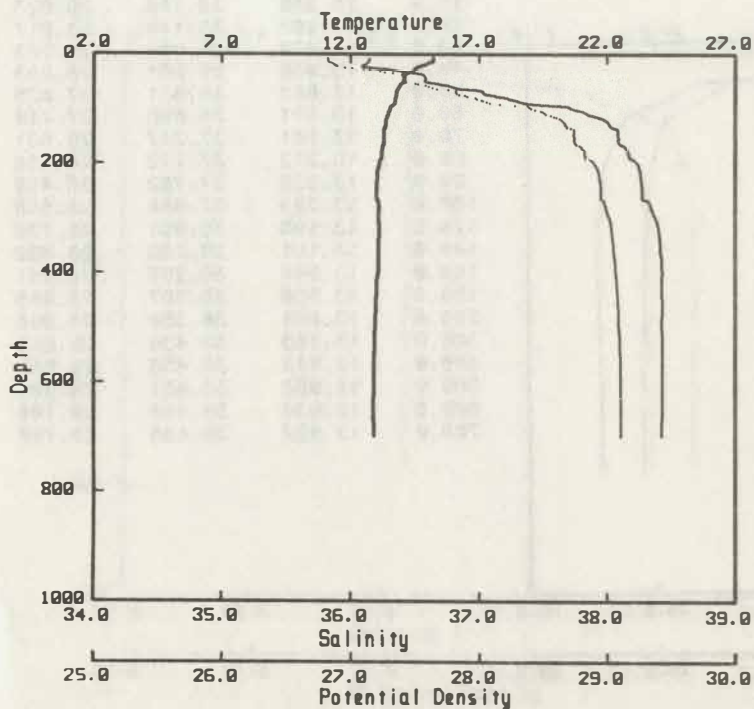
Day: 96.18 SST: 14.9 Tdry: 13.3 RH: 77.6 Wspd: 7.0 CTD #: 3  
 6 APR 86 CAP POS:SHL/RADAR Km E and N of Tarifa: 28.2km -.4km  
 K-601



PR	TE	SA	SGTH
2.0	15.304	36.165	26.819
10.0	15.332	36.146	26.798
20.0	14.184	36.020	26.954
30.0	14.009	36.197	27.128
40.0	13.886	36.481	27.374
50.0	13.793	36.677	27.545
60.0	13.700	36.904	27.741
70.0	13.668	37.061	27.869
80.0	13.548	37.407	28.163
90.0	13.331	37.804	28.516
100.0	13.196	38.085	28.762
120.0	13.236	38.126	28.786
140.0	13.164	38.236	28.887
160.0	13.127	38.288	28.936
180.0	13.102	38.317	28.964
200.0	13.083	38.346	28.991
300.0	13.103	38.432	29.057
400.0	13.094	38.462	29.085
500.0	13.017	38.455	29.098
600.0	12.983	38.447	29.102
700.0	12.948	38.439	29.106
800.0	12.928	38.433	29.109

STATION GB1100 : 36 .6 N 5 12.9 W 6/ 4/86 600Z 700/ 740m

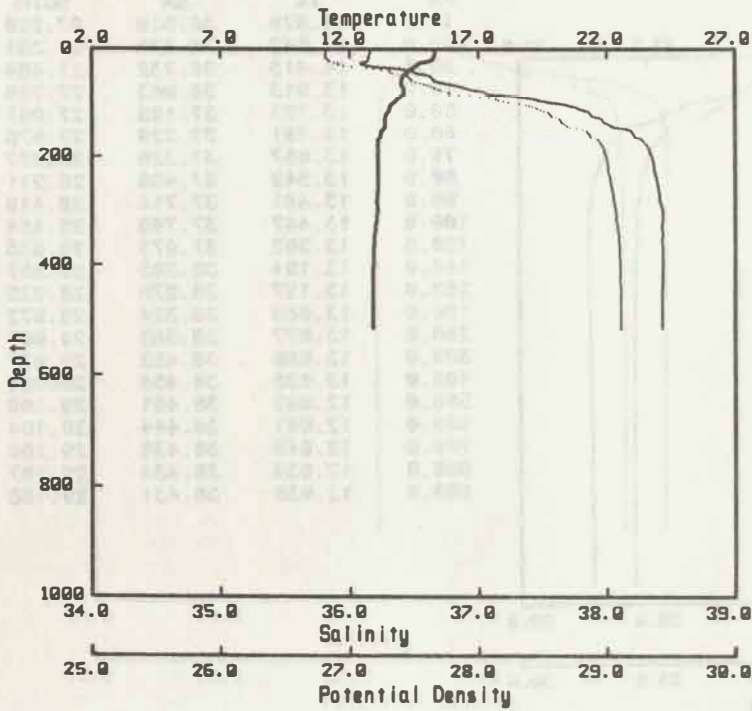
Day: 96.23 SST: 14.9 Tdry: 13.4 RH: 77.6 Wspd: 5.0 CTD #: 3  
 6 APR 86 CAP POS:SHL/RAD Km E and N of Tarifa: 37.3km 1.1km  
 K-505 WE'RE AT GIBRALTAR!



PR	TE	SA	SGTH
10.0	15.204	36.142	26.824
20.0	14.838	36.104	26.876
30.0	14.437	36.344	27.149
40.0	14.103	36.576	27.401
50.0	14.098	36.574	27.401
60.0	13.887	36.784	27.608
70.0	13.792	37.031	27.820
80.0	13.755	37.218	27.973
90.0	13.724	37.350	28.082
100.0	13.547	37.722	28.407
120.0	13.386	37.982	28.643
140.0	13.304	38.083	28.739
160.0	13.302	38.087	28.743
180.0	13.211	38.168	28.826
200.0	13.112	38.237	28.900
300.0	13.091	38.380	29.019
400.0	13.061	38.430	29.067
500.0	12.951	38.429	29.092
600.0	12.903	38.431	29.106
700.0	12.902	38.429	29.108

STATION GB1101 : 36 .5 N 5 10.4 W 6/ 4/86 701Z 521/ 545m

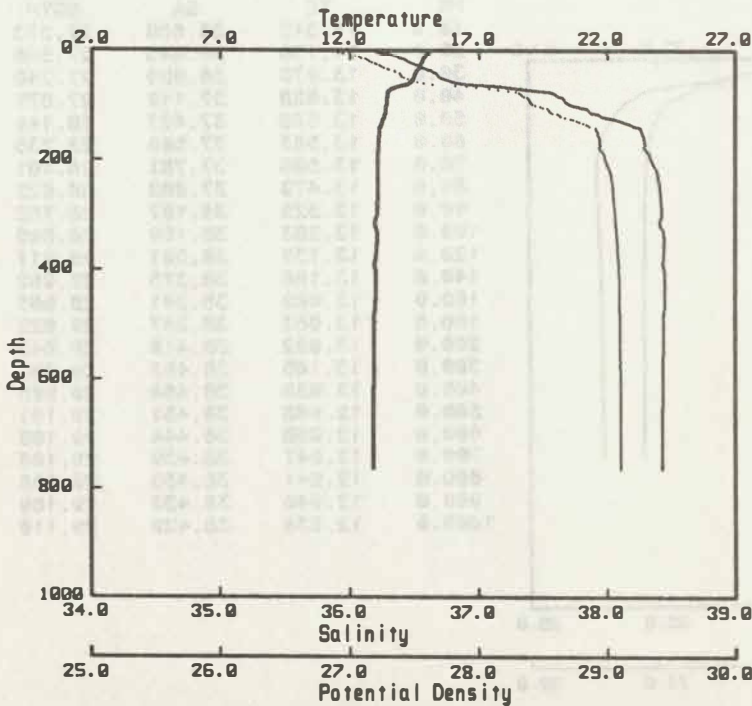
Day: 96.29 SST: 15.0 Tdry: 13.4 RH: 75.0 Wspd: 20.0 CTD #: 3  
 6 APR 86 SS POS:SHL/SATNAV Km E and N of Tarifa: 41.1km .9km  
 XI-11



PR	TE	SA	SGTH
10.0	15.301	36.153	26.811
20.0	15.161	36.141	26.833
30.0	14.628	36.142	26.952
40.0	14.250	36.492	27.304
50.0	14.032	36.623	27.453
60.0	13.998	36.688	27.511
70.0	14.068	36.883	27.646
80.0	14.094	37.049	27.769
90.0	13.861	37.384	28.079
100.0	13.628	37.624	28.314
120.0	13.398	37.867	28.551
140.0	13.359	38.022	28.680
160.0	13.183	38.209	28.863
180.0	13.086	38.318	28.968
200.0	13.082	38.353	28.997
300.0	13.070	38.438	29.068
400.0	12.900	38.434	29.103
500.0	12.888	38.432	29.107

STATION GB1102 : 35 59.8 N 5 .0 W 6/ 4/86 821Z 763/ 770m

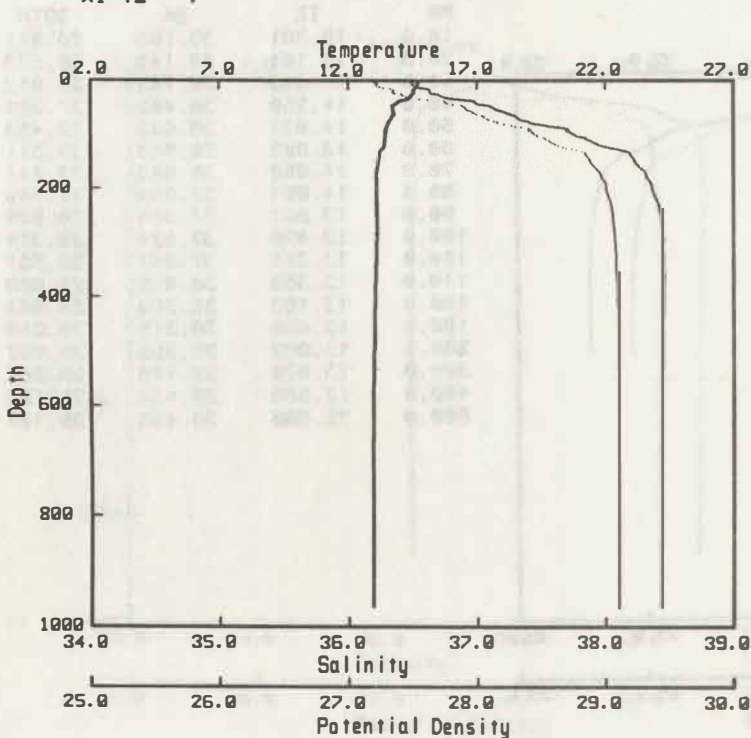
Day: 96.34 SST: 14.6 Tdry: 13.2 RH: 76.5 Wspd: 9.0 CTD #: 3  
 6 APR 86 SS POS:SHL/SATNAV Km E and N of Tarifa: 56.6km -.3km  
 V-4 \*\*\* uptrace \*\*\*



PR	TE	SA	SGTH
2.0	15.075	36.199	26.896
10.0	14.911	36.337	27.039
20.0	14.788	36.443	27.149
30.0	14.695	36.535	27.240
40.0	14.550	36.636	27.350
50.0	14.455	36.697	27.419
60.0	14.285	36.842	27.568
70.0	13.599	37.314	28.080
80.0	13.458	37.590	28.323
90.0	13.417	37.663	28.389
100.0	13.401	37.722	28.438
120.0	13.322	37.953	28.634
140.0	13.138	38.254	28.906
160.0	13.109	38.281	28.934
180.0	13.104	38.296	28.947
200.0	13.085	38.345	28.990
300.0	13.043	38.425	29.064
400.0	13.003	38.450	29.094
500.0	12.946	38.443	29.104
600.0	12.922	38.437	29.107
700.0	12.908	38.431	29.108

STATION NGB1103 : 35 58.6 N 4 47.7 W 6/ 4/86 1008Z 966/ 970m

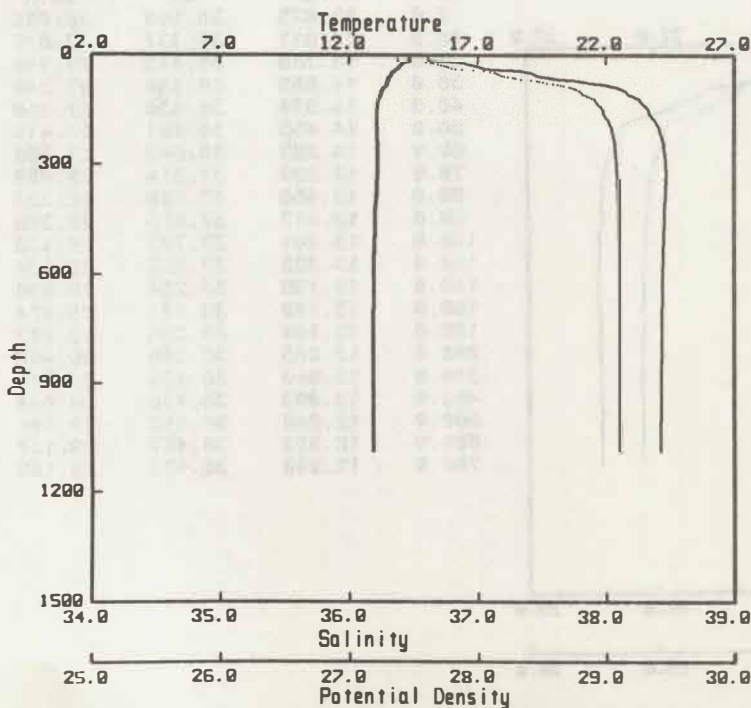
Day : 96.42 SST: 13.8 Tdry : 13.6 RH: 79.0 Wspd: 10.0 CTD # : 3  
 6 APR 86 SS POS:SHL/SATNAV Km E and N of Tarifa: 75.1km -2.6km  
 XI-12



PR	TE	SA	SGTH
10.0	14.670	36.510	27.226
20.0	14.542	36.635	27.351
30.0	14.413	36.732	27.454
40.0	13.913	36.983	27.756
50.0	13.733	37.128	27.907
60.0	13.781	37.229	27.975
70.0	13.657	37.326	28.077
80.0	13.542	37.468	28.211
90.0	13.461	37.714	28.419
100.0	13.447	37.768	28.464
120.0	13.392	37.973	28.635
140.0	13.194	38.205	28.857
160.0	13.127	38.270	28.922
180.0	13.088	38.324	28.972
200.0	13.077	38.365	29.007
300.0	13.080	38.452	29.077
400.0	13.035	38.458	29.094
500.0	12.992	38.451	29.100
600.0	12.961	38.444	29.104
700.0	12.945	38.438	29.106
800.0	12.939	38.434	29.107
900.0	12.938	38.431	29.108

STATION NGB1104 : 35 59.9 N 4 40.3 W 6/ 4/86 1148Z 1090/1090m

Day : 96.48 SST: 13.3 Tdry : 13.5 RH: 85.0 Wspd: 6.0 CTD # : 3  
 6 APR 86 SS POS:SHL/SATNAV Km E and N of Tarifa: 86.1km -.2km  
 XI-13

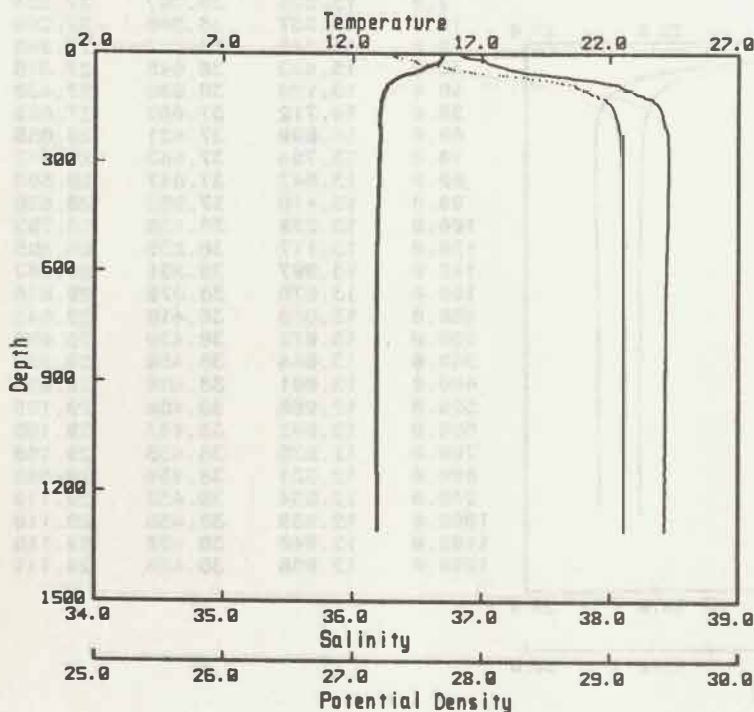


PR	TE	SA	SGTH
10.0	14.342	38.608	27.373
20.0	14.150	38.845	27.598
30.0	13.976	36.980	27.740
40.0	13.828	37.119	27.879
50.0	13.668	37.423	28.149
60.0	13.563	37.506	28.235
70.0	13.506	37.781	28.461
80.0	13.479	37.982	28.622
90.0	13.325	38.107	28.752
100.0	13.263	38.159	28.805
120.0	13.139	38.261	28.911
140.0	13.100	38.315	28.962
160.0	13.089	38.341	28.985
180.0	13.083	38.387	29.022
200.0	13.092	38.416	29.043
300.0	13.105	38.467	29.083
400.0	13.035	38.460	29.095
500.0	12.988	38.451	29.101
600.0	12.958	38.444	29.105
700.0	12.947	38.439	29.106
800.0	12.941	38.435	29.108
900.0	12.940	38.432	29.109
1000.0	12.936	38.429	29.110

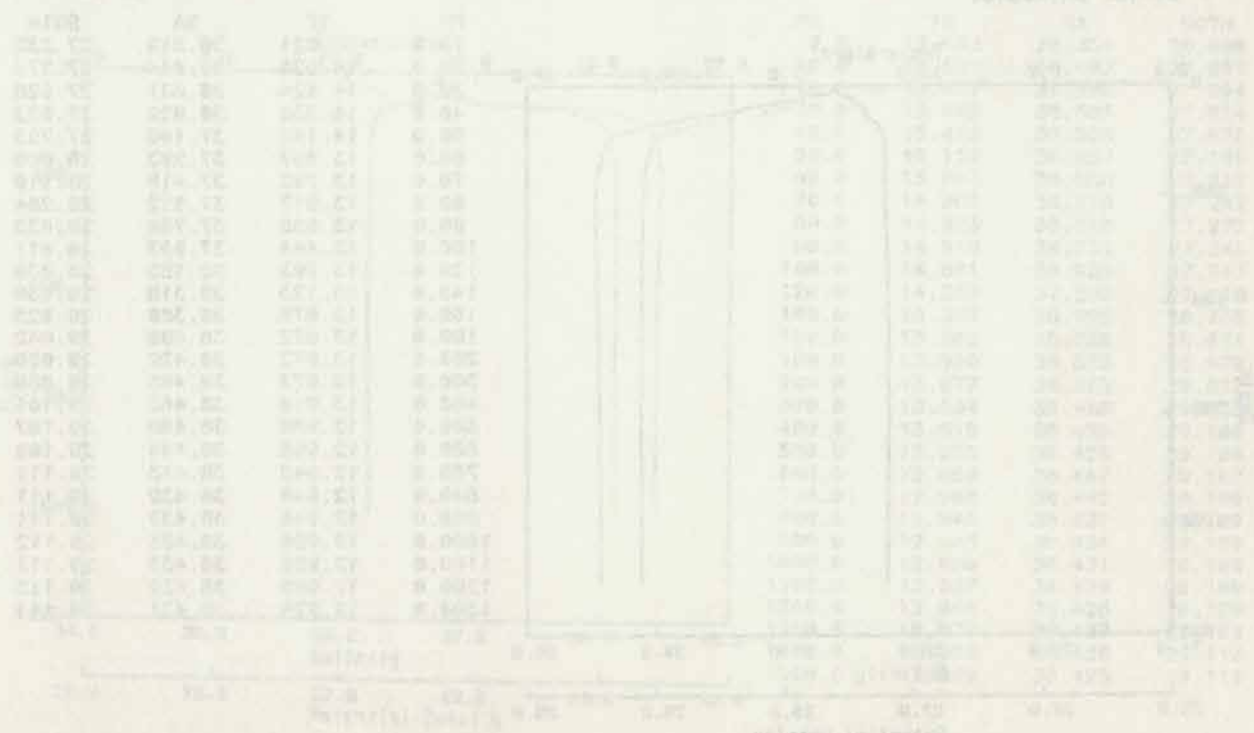


STATION GB1106 : 36 .0 N 4 19.8 W 6/ 4/86 1550Z 1308/1320m

Day: 96.65 SST: 15.2 Tdry: 15.2 RH: 85.3 Wspd: 22.0 CTD #: 1  
 06 AP 86 ACC POS:SATNAV Km E and N of Tarifa: 116.9km .0km  
 XI-14 . THIS IS DEEP CTD 1

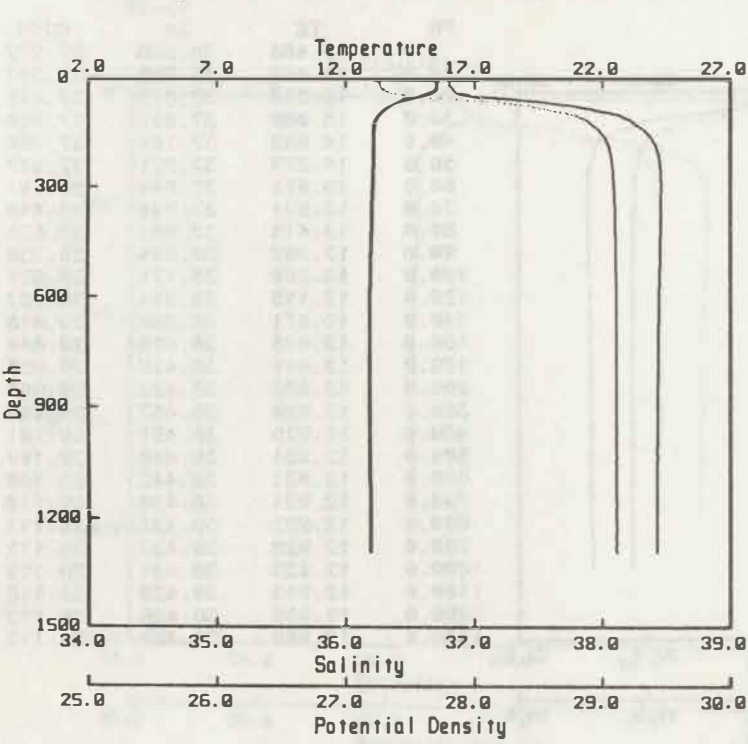


PR	TE	SA	SGTH
2.0	15.466	36.808	27.277
10.0	15.442	36.865	27.327
20.0	15.333	37.028	27.478
30.0	15.009	37.092	27.600
40.0	14.698	37.196	27.750
50.0	14.377	37.321	27.917
60.0	13.922	37.548	28.191
70.0	13.621	37.794	28.446
80.0	13.415	37.981	28.635
90.0	13.302	38.084	28.739
100.0	13.209	38.171	28.826
120.0	13.115	38.314	28.957
140.0	13.071	38.380	29.018
160.0	13.045	38.406	29.044
180.0	13.040	38.418	29.055
200.0	13.038	38.429	29.065
300.0	13.020	38.457	29.093
400.0	12.975	38.451	29.101
500.0	12.951	38.448	29.107
600.0	12.931	38.442	29.109
700.0	12.924	38.438	29.110
800.0	12.923	38.435	29.111
900.0	12.928	38.433	29.112
1000.0	12.935	38.431	29.112
1100.0	12.943	38.430	29.113
1200.0	12.955	38.429	29.113
1300.0	12.968	38.429	29.113



STATION GB1107 : 35 59.9 N 4 10.1 W 6/ 4/86 1745Z 1294/1309m

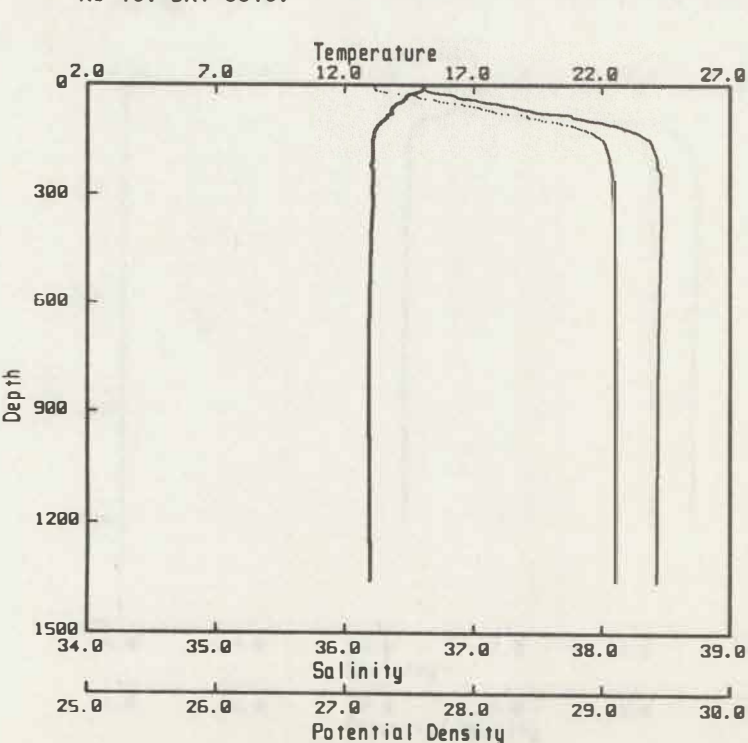
Day: 96.73 SST: 15.2 Tdry: 15.4 RH: 78.0 Wspd: 24.0 CTD #: 1  
 06 AP 86 ACC POS:SHL/RADAR. Km E and N of Tarif a: 131.4km  
 XI-15 -2.2km



PR	TE	SA	SGTH
2.0	15.532	36.797	27.254
10.0	15.537	36.806	27.260
20.0	15.542	36.818	27.268
30.0	15.432	36.845	27.315
40.0	15.129	36.906	27.430
50.0	14.712	37.082	27.659
60.0	14.099	37.421	28.055
70.0	13.754	37.663	28.317
80.0	13.547	37.847	28.503
90.0	13.410	37.983	28.638
100.0	13.239	38.135	28.792
120.0	13.117	38.235	28.895
140.0	13.097	38.321	28.967
160.0	13.070	38.376	29.016
180.0	13.068	38.410	29.043
200.0	13.072	38.430	29.058
300.0	13.044	38.459	29.090
400.0	13.001	38.456	29.099
500.0	12.966	38.450	29.105
600.0	12.942	38.443	29.108
700.0	12.935	38.438	29.108
800.0	12.931	38.434	29.109
900.0	12.934	38.432	29.110
1000.0	12.939	38.430	29.110
1100.0	12.948	38.428	29.110
1200.0	12.958	38.428	29.111

STATION GB1108 : 35 58.6 N 3 49.1 W 6/ 4/86 2032Z 1357/1372m

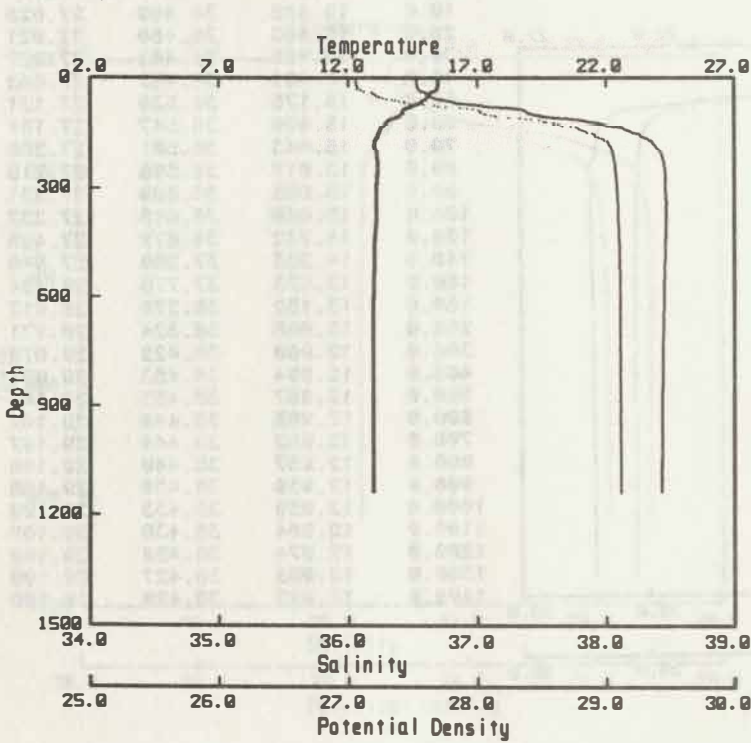
Day: 96.85 SST: 15.1 Tdry: 15.5 RH: 82.6 Wspd: 12.0 CTD #: 1  
 07 AP 86 ACC POS:SHL/RADAR Km E and N of Tarif a: 162.9km  
 XI-16. DRT=0016. -2.6km



PR	TE	SA	SGTH
10.0	15.021	36.619	27.232
20.0	14.925	36.644	27.273
30.0	14.424	36.831	27.528
40.0	14.336	36.929	27.623
50.0	14.161	37.100	27.793
60.0	13.897	37.293	28.000
70.0	13.792	37.418	28.119
80.0	13.817	37.612	28.264
90.0	13.635	37.780	28.433
100.0	13.444	37.957	28.611
120.0	13.193	38.183	28.839
140.0	13.123	38.318	28.959
160.0	13.076	38.389	29.025
180.0	13.072	38.409	29.042
200.0	13.072	38.429	29.058
300.0	13.072	38.465	29.089
400.0	13.019	38.463	29.101
500.0	12.986	38.458	29.107
600.0	12.956	38.449	29.109
700.0	12.942	38.443	29.111
800.0	12.940	38.439	29.111
900.0	12.946	38.437	29.111
1000.0	12.950	38.435	29.112
1100.0	12.956	38.433	29.112
1200.0	12.965	38.432	29.113
1300.0	12.974	38.431	29.113

STATION GB1109 : 36 .0 N 3 40.1 W 6/ 4/86 2244Z 1139/1154m

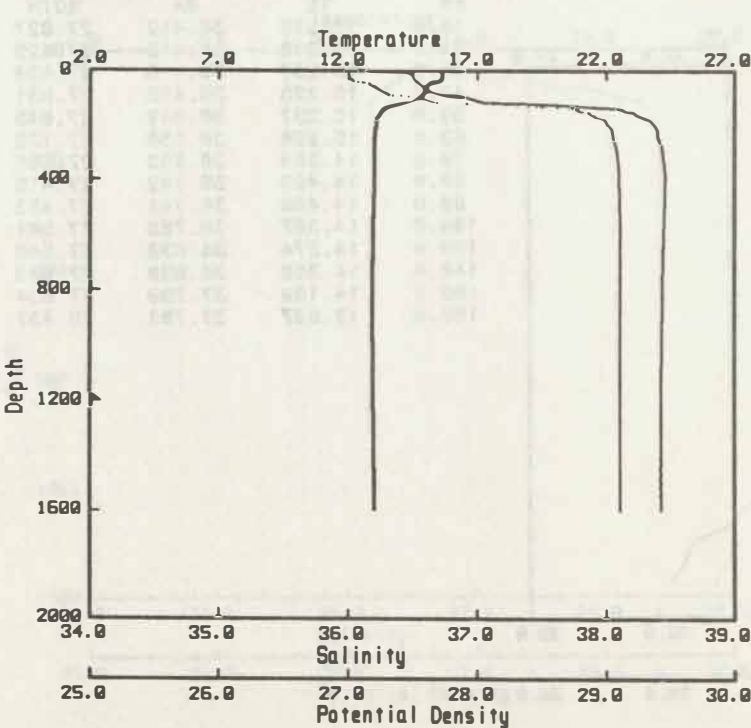
Day: 96.93 SST: 15.1 Tdry: 15.1 RH: 81.2 Wspd: 20.0 CTD #: 1  
 07 AP 86 ACC POS:SHL/RAD Km E and N of Tarifa: 176.4km .0km  
 XI-17



PR	TE	SA	SGTH
2.0	15.492	36.493	27.029
10.0	15.488	36.531	27.060
20.0	15.476	36.532	27.063
30.0	15.458	36.537	27.072
40.0	15.157	36.597	27.186
50.0	15.099	36.636	27.229
60.0	14.874	36.745	27.364
70.0	14.666	36.915	27.541
80.0	14.285	37.228	27.866
90.0	14.105	37.381	28.024
100.0	14.011	37.462	28.107
120.0	13.453	37.931	28.589
140.0	13.238	38.163	28.815
160.0	13.112	38.299	28.947
180.0	13.022	38.377	29.027
200.0	13.098	38.426	29.050
300.0	13.088	38.462	29.083
400.0	13.068	38.469	29.096
500.0	12.993	38.458	29.106
600.0	12.970	38.452	29.109
700.0	12.956	38.445	29.109
800.0	12.952	38.442	29.111
900.0	12.954	38.439	29.111
1000.0	12.958	38.436	29.111
1100.0	12.958	38.433	29.112

STATION GB1110 : 35 59.8 N 3 20.9 W 7/ 4/86 144Z 1597/1620m

Day: 97.05 SST: 15.5 Tdry: 14.8 RH: 85.5 Wspd: 14.0 CTD #: 1  
 7 APR 86 SRR POS:SHL/SATNAV Km E and N of Tarifa: 205.1km -.3km  
 XI-18

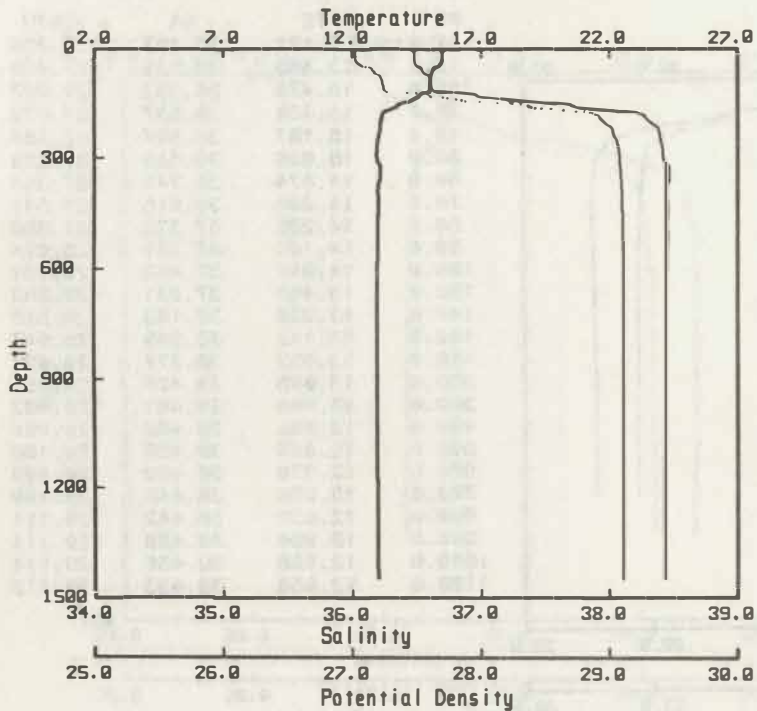


PR	TE	SA	SGTH
2.0	15.652	36.359	26.890
10.0	15.632	36.497	27.001
20.0	15.627	36.499	27.004
30.0	15.602	36.505	27.014
40.0	15.413	36.528	27.075
50.0	15.112	36.557	27.166
60.0	15.013	36.588	27.212
70.0	14.982	36.618	27.242
80.0	14.925	36.640	27.272
90.0	14.918	36.732	27.345
100.0	14.681	36.925	27.547
120.0	14.237	37.280	27.918
140.0	13.353	38.095	28.738
160.0	13.205	38.226	28.871
180.0	13.090	38.333	28.979
200.0	13.077	38.372	29.012
300.0	13.004	38.440	29.083
400.0	13.010	38.459	29.100
500.0	12.981	38.455	29.106
600.0	12.960	38.447	29.107
700.0	12.948	38.442	29.109
800.0	12.944	38.437	29.109
900.0	12.945	38.434	29.109
1000.0	12.950	38.431	29.109
1100.0	12.957	38.429	29.109
1200.0	12.968	38.428	29.109
1300.0	12.979	38.427	29.109
1400.0	12.988	38.426	29.110
1500.0	12.999	38.425	29.110



STATION NGB1111 : 35 59.9 N 3 10.2 W 7/ 4/86 405Z 1450/1470m

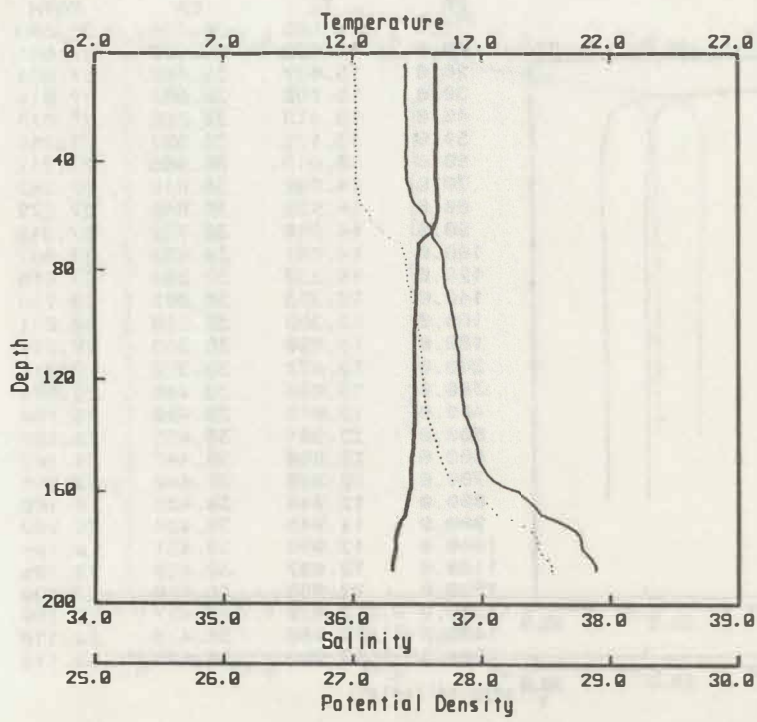
Day: 97.17 SST: 15.1 Tdry: 14.2 RH: 82.5 Wspd: 22.0 CTD #: 1  
 7 APR 86 CAP POS:SHL/SATNAVKm E and N of Tarifa: 221.1km  
 XI-19 . - .2km



PR	TE	SA	SGTH
10.0	15.488	36.480	27.020
20.0	15.485	36.480	27.021
30.0	15.466	36.482	27.027
40.0	15.401	36.489	27.048
50.0	15.175	36.530	27.131
60.0	15.099	36.547	27.161
70.0	15.043	36.581	27.200
80.0	15.017	36.598	27.219
90.0	15.005	36.609	27.231
100.0	15.000	36.615	27.237
120.0	14.732	36.872	27.495
140.0	14.303	37.208	27.849
160.0	13.673	37.776	28.424
180.0	13.152	38.270	28.917
200.0	13.098	38.324	28.971
300.0	12.960	38.422	29.078
400.0	12.994	38.453	29.099
500.0	12.987	38.455	29.105
600.0	12.968	38.449	29.107
700.0	12.962	38.444	29.107
800.0	12.957	38.440	29.108
900.0	12.959	38.436	29.108
1000.0	12.959	38.433	29.109
1100.0	12.964	38.430	29.108
1200.0	12.974	38.429	29.109
1300.0	12.985	38.427	29.108
1400.0	12.992	38.426	29.109

STATION GB1112 : 35 30.0 N 3 .0 W 7/ 4/86 1123Z 197/ 213m

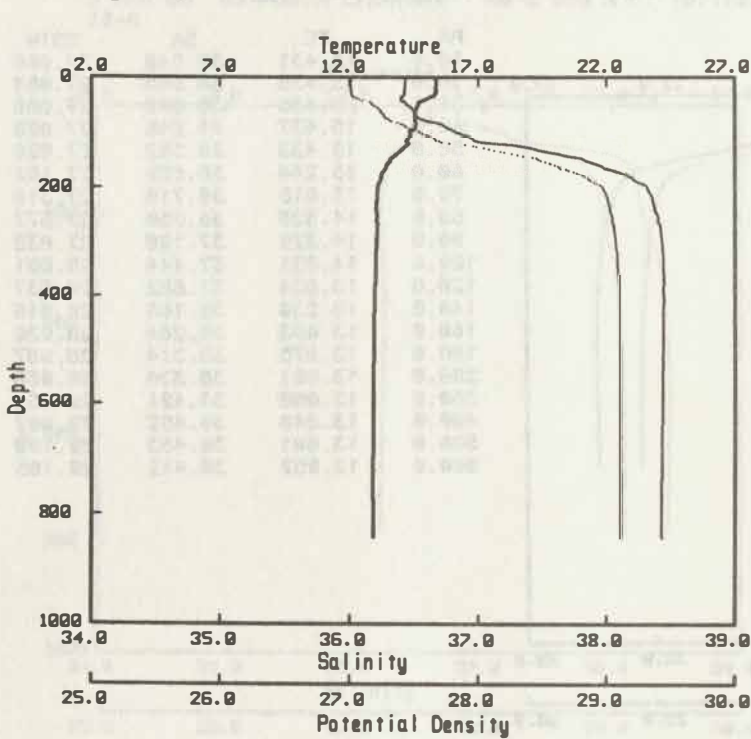
Day: 97.47 SST: 14.2 Tdry: 14.5 RH: 55.0 Wspd: 22.0 CTD #: 1  
 7 APR 86 SS POS:SHL/ SATNAV Km E and N of Tarifa: 237.2km  
 I-1 -55.6km



PR	TE	SA	SGTH
10.0	15.225	36.412	27.027
20.0	15.218	36.412	27.029
30.0	15.237	36.418	27.030
40.0	15.225	36.415	27.031
50.0	15.257	36.442	27.045
60.0	15.266	36.558	27.132
70.0	14.564	36.653	27.361
80.0	14.493	36.702	27.415
90.0	14.460	36.741	27.453
100.0	14.397	36.786	27.501
120.0	14.374	36.836	27.546
140.0	14.350	36.929	27.623
160.0	14.169	37.280	27.934
180.0	13.637	37.782	28.437

STATION GB1113 : 35 39.8 N 3 .1 W 7/ 4/86 1331Z 843/ 846m

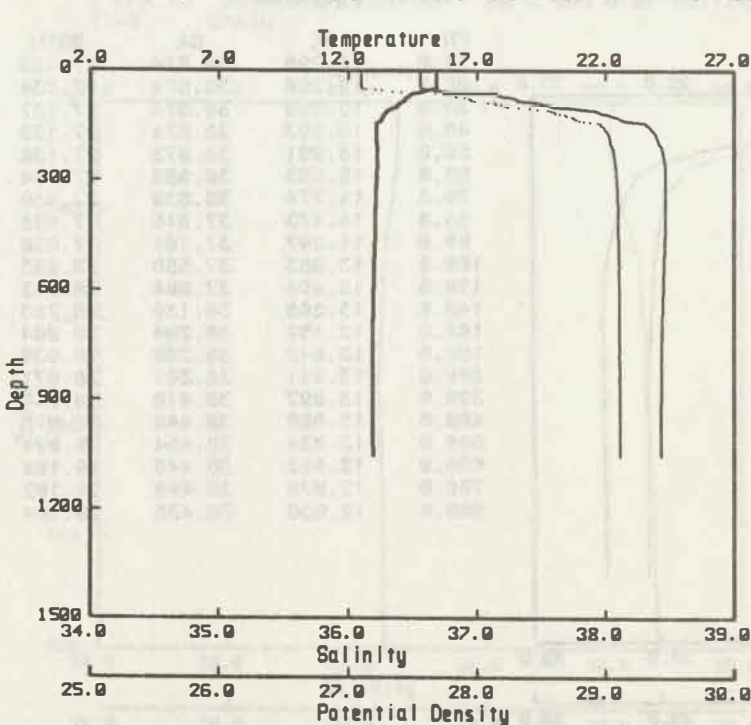
Day: 97.55 SST: 13.8 Tdry: 13.6 RH: 65.0 Wspd: 30.0 C TD#: 1  
 7 APR 86 SS POS:SHL/SATNAV Km E and N of Tarifa: 236.8km -37.4km  
 I-2



PR	TE	SA	SGTH
2.0	15.362	36.421	27.003
10.0	15.353	36.430	27.012
20.0	15.332	36.425	27.014
30.0	15.318	36.425	27.017
40.0	14.972	36.398	27.074
50.0	14.658	36.442	27.177
60.0	14.556	36.494	27.240
70.0	14.536	36.525	27.269
80.0	14.560	36.605	27.326
90.0	14.539	36.745	27.439
100.0	14.352	36.828	27.544
120.0	14.310	37.118	27.777
140.0	13.791	37.654	28.304
160.0	13.441	37.961	28.616
180.0	13.218	38.175	28.830
200.0	13.082	38.319	28.970
300.0	13.040	38.433	29.070
400.0	12.964	38.445	29.098
500.0	12.924	38.441	29.107
600.0	12.907	38.436	29.109
700.0	12.897	38.431	29.110
800.0	12.899	38.428	29.111

STATION GB1114 : 36 .4 N 3 30.3 W 8/ 4/86 608Z 1052/1067m

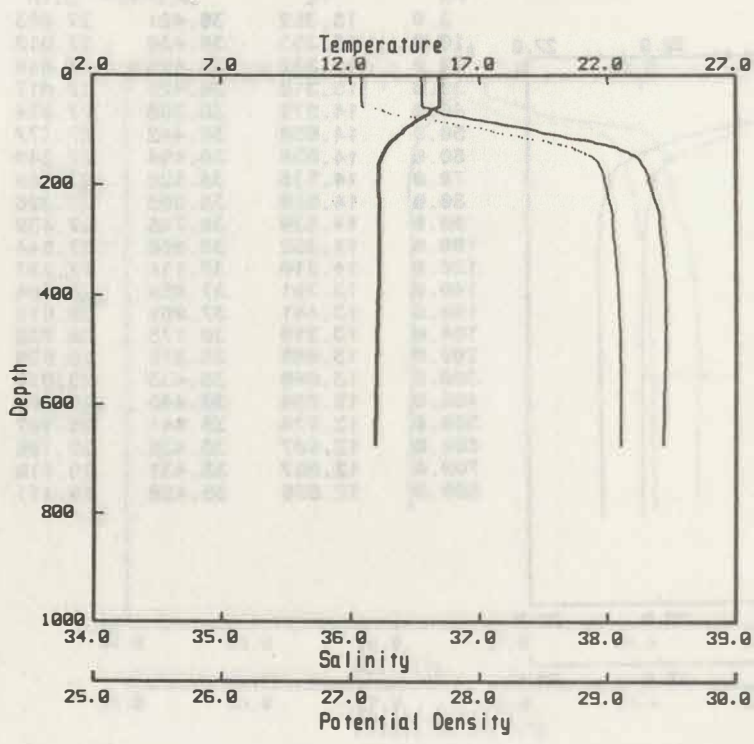
Day: 98.25 SST: 14.5 Tdry: 11.9 RH: 77.0 Wspd: 18.0 C TD#: 1  
 8 APR 86 C AP POS:SHL/SATNAV Km E and N of Tarifa: 191.0km .8km  
 I1-5 . START STATIONS AGAIN MIDDLE OF SECTION II.



PR	TE	SA	SGTH
10.0	15.412	36.557	27.097
20.0	15.418	36.557	27.096
30.0	15.414	36.558	27.098
40.0	15.418	36.557	27.096
50.0	15.320	36.574	27.132
60.0	14.688	36.919	27.539
70.0	14.332	37.191	27.827
80.0	14.168	37.308	27.954
90.0	13.968	37.491	28.138
100.0	13.848	37.599	28.248
120.0	13.372	38.031	28.684
140.0	13.181	38.234	28.882
160.0	13.075	38.356	28.999
180.0	13.079	38.397	29.031
200.0	13.097	38.419	29.045
300.0	13.089	38.469	29.088
400.0	13.042	38.465	29.098
500.0	13.000	38.459	29.105
600.0	12.967	38.450	29.108
700.0	12.941	38.441	29.109
800.0	12.933	38.437	29.111
900.0	12.935	38.434	29.111
1000.0	12.945	38.433	29.111

STATIONGB1115 : 36 11.4 N 3 29.0 W 8/ 4/86 852Z 675/ 687m

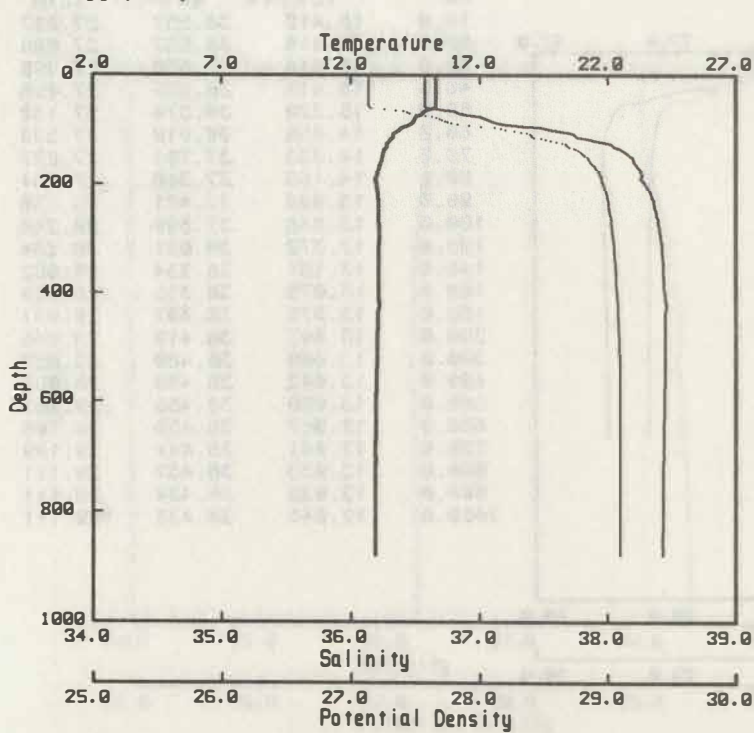
Day: 98.36 SST: 14.0 Tdry: 10.7 RH: 52.5 Wapd: 22.0 CTD #: 1  
 8 APR 86 CAP PO S:SHL/SATNAVKm E and N of Tarifa: 192.8km 21.1km  
 II-6



PR	TE	SA	SGTH
10.0	15.431	36.549	27.086
20.0	15.435	36.549	27.086
30.0	15.435	36.549	27.086
40.0	15.437	36.548	27.085
50.0	15.433	36.552	27.090
60.0	15.244	36.629	27.192
70.0	15.015	36.716	27.310
80.0	14.626	36.950	27.577
90.0	14.329	37.196	27.832
100.0	14.021	37.444	28.091
120.0	13.524	37.882	28.537
140.0	13.239	38.165	28.816
160.0	13.063	38.264	28.930
180.0	13.075	38.314	28.967
200.0	13.061	38.336	28.988
300.0	13.088	38.421	29.051
400.0	13.048	38.452	29.087
500.0	13.001	38.453	29.100
600.0	12.952	38.442	29.105

STATIONGB1116 : 36 19.9 N 3 30.2 W 8/ 4/86 1100Z 880/ 891m

Day: 98.46 SST: 13.4 Tdry: 11.2 RH: 54.0 Wapd: 25.0 CTD #: 1  
 8 APR 86 SS PO S:SHL/SATNAVKm E and N of Tarifa: 190.8km 36.9km  
 II-7

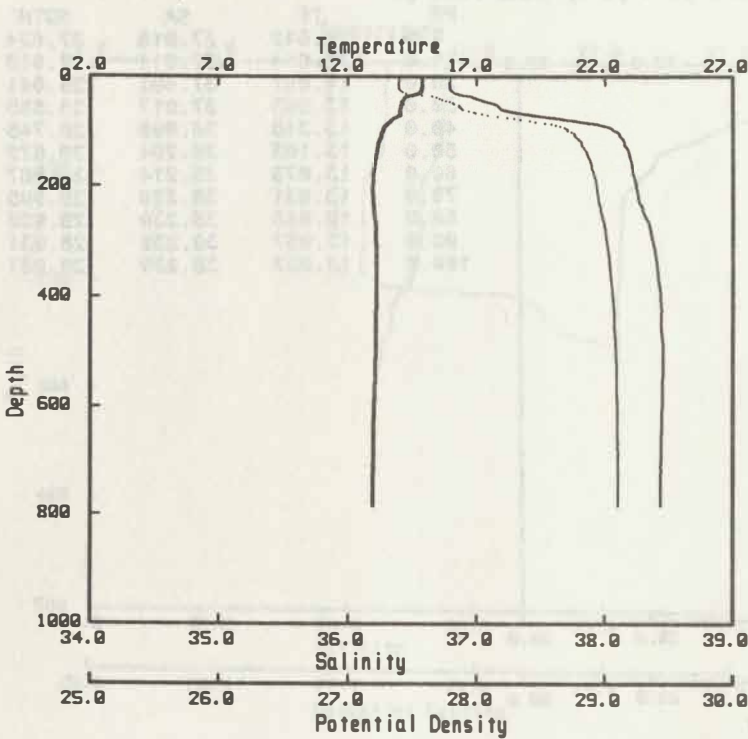


PR	TE	SA	SGTH
10.0	15.296	36.574	27.136
20.0	15.296	36.574	27.136
30.0	15.296	36.574	27.137
40.0	15.293	36.574	27.138
50.0	15.291	36.573	27.138
60.0	15.263	36.586	27.154
70.0	14.774	36.839	27.459
80.0	14.473	37.046	27.685
90.0	14.297	37.181	27.828
100.0	13.883	37.550	28.203
120.0	13.494	37.894	28.552
140.0	13.268	38.130	28.783
160.0	13.159	38.204	28.864
180.0	13.042	38.269	28.939
200.0	13.011	38.301	28.971
300.0	13.097	38.418	29.047
400.0	13.089	38.449	29.076
500.0	13.034	38.454	29.094
600.0	12.992	38.446	29.100
700.0	12.970	38.440	29.102
800.0	12.958	38.435	29.104



STATION GB1117 : 36 30.0 N 3 30.0 W 8/ 4/86 1300Z 785/ 805m

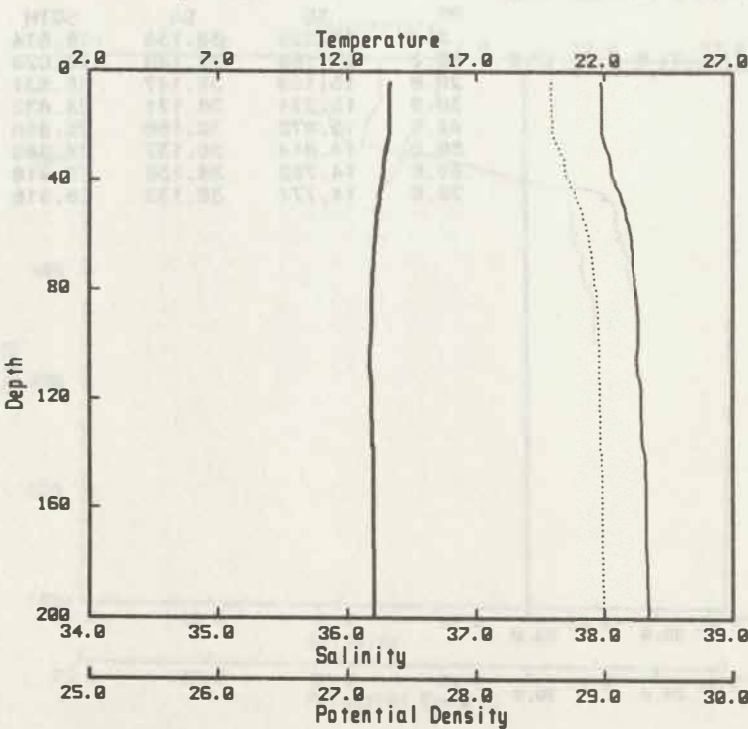
Day: 98.54 SST: 14.5 Tdry: 12.1 RH: 46.0 Wspd: 20.0 CTD #: 1  
 8 APR 86 SS POS:SHL/SATNAV Km E and N of Tarifa: 190.9km 55.6km  
 II-8



PR	TE	SA	SGTH
10.0	14.886	36.792	27.396
20.0	14.881	36.792	27.397
30.0	14.762	36.828	27.452
40.0	14.173	36.996	27.710
50.0	14.138	37.136	27.826
60.0	14.040	37.197	27.895
70.0	14.025	37.439	28.085
80.0	13.663	37.762	28.413
90.0	13.433	38.004	28.649
100.0	13.336	38.092	28.738
120.0	13.183	38.147	28.813
140.0	13.111	38.186	28.859
160.0	13.044	38.207	28.890
180.0	12.987	38.224	28.916
200.0	12.967	38.243	28.935
300.0	13.092	38.377	29.016
400.0	13.105	38.437	29.063
500.0	13.072	38.457	29.088
600.0	13.009	38.449	29.098
700.0	12.975	38.441	29.102

STATION GB1118 : 36 40.1 N 3 31.4 W 8/ 4/86 1500Z 200/ 210m

Day: 98.62 SST: 13.8 Tdry: 12.7 RH: 48.0 Wspd: 25.0 CTD #: 1  
 8 APR 86 SS POS:SHL/SATNAV Km E and N of Tarifa: 188.6km 74.2km  
 II-9 SPAIN

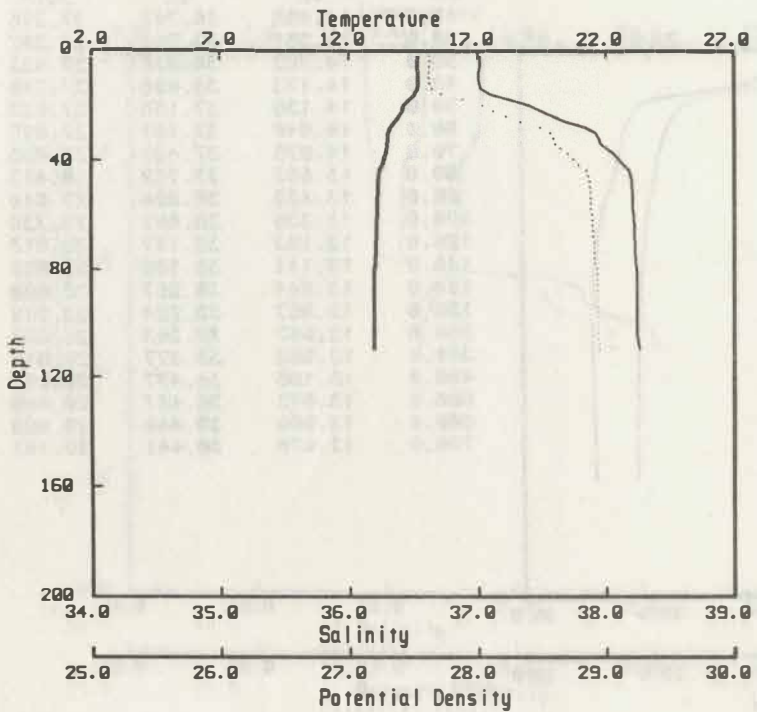


PR	TE	SA	SGTH
10.0	13.629	37.980	28.587
20.0	13.615	37.982	28.592
30.0	13.458	38.033	28.665
40.0	13.323	38.085	28.734
50.0	13.174	38.156	28.820
60.0	13.068	38.202	28.878
70.0	12.999	38.218	28.905
80.0	12.942	38.240	28.935
90.0	12.933	38.258	28.951
100.0	12.889	38.258	28.960
120.0	12.943	38.283	28.969
140.0	13.010	38.314	28.980
160.0	13.017	38.324	28.986
180.0	13.029	38.332	28.991
200.0	13.044	38.344	28.998

STATION GB1119 : 36 39.3 N 4 14.6 W 8/ 4/86 2030Z 110/ 140m

Day: 98.85 SST: 99.0 Tdry: 99.0 RH: 99.0 Wspd: 99.0 CTD #: 5  
 13 APR 86 SS POS:SHL/SATNAV Km E and N of Tarifa: 124.2km 72.8km  
 TEST STATION—HYBRID CTD NOW CALLED #5 : #3 W/ COND FROM #1

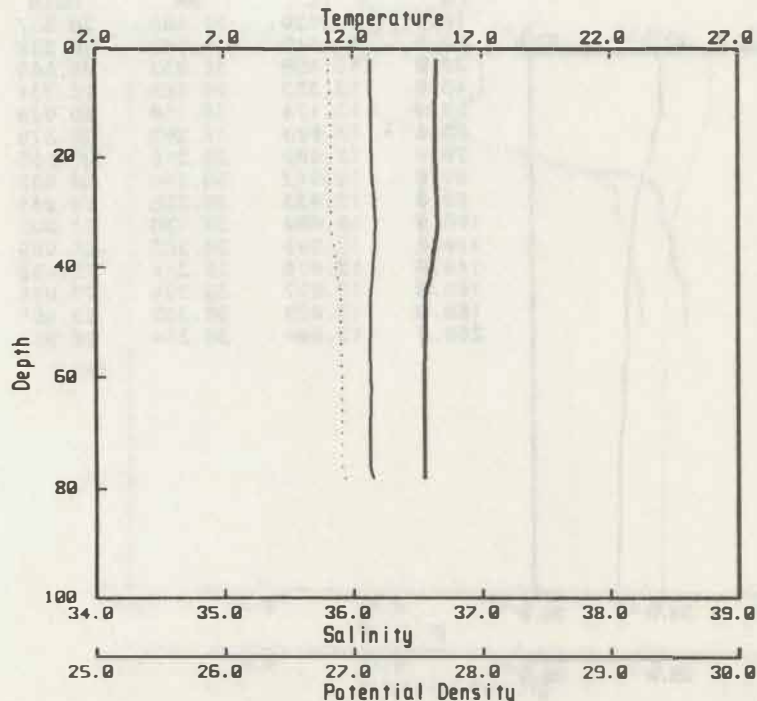
PR	TE	SA	SGTH
2.0	14.642	37.018	27.624
10.0	14.644	37.011	27.618
20.0	14.091	37.402	28.041
30.0	13.503	37.917	28.565
40.0	13.318	38.098	28.745
50.0	13.103	38.204	28.872
60.0	13.073	38.214	28.887
70.0	13.031	38.226	28.905
80.0	12.968	38.239	28.928
90.0	12.957	38.239	28.931
100.0	12.957	38.239	28.931



STATION GB1120 : 35 50.0 N 5 50.3 W 10/ 4/86 948Z 79/ 94m

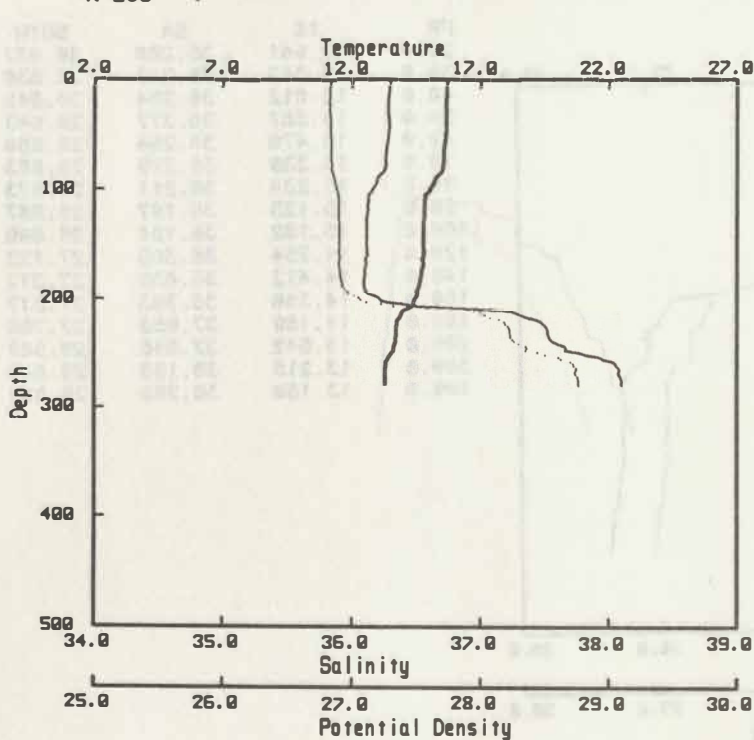
Day: 100.39 SST: 15.2 Tdry: 14.8 RH: 70.4 Wspd: 10.0 CTD #: 5  
 10 APR 86 SS POS:SHL/SATNAV Km E and N of Tarifa: -18.7km -18.6km  
 K-209 \*\*\* uptrace \*\*\* BEGINNING TANGIER LINE.

PR	TE	SA	SGTH
2.0	15.229	36.136	26.814
10.0	15.189	36.140	26.826
20.0	15.190	36.147	26.831
30.0	15.271	36.171	26.832
40.0	15.072	36.160	26.868
50.0	14.814	36.137	26.908
60.0	14.782	36.138	26.916
70.0	14.774	36.135	26.916



STATION GB1121 : 35 52.0 N 5 51.2 W 10/ 4/86 1030Z 278/ 282m

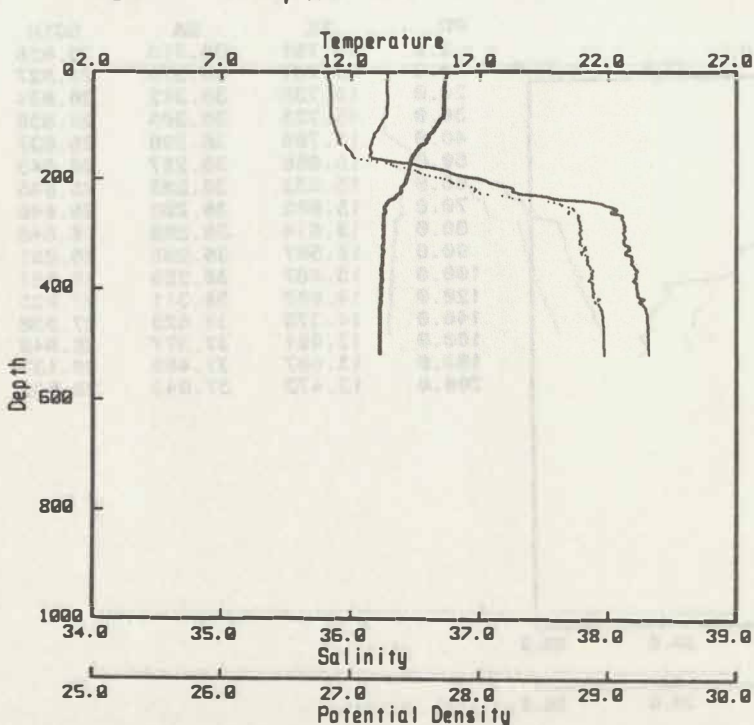
Day: 100.43 SST: 15.8 Tdry: 14.7 RH: 65.0 Wspd: 15.0 CTD #: 5  
 10 APR 86 SS POS:SHL/SATNAV Km E and N of Tarif a: -20.1km -14.8km  
 K-208



PR	TE	SA	SGTH
2.0	15.674	36.294	26.835
10.0	15.675	36.288	26.830
20.0	15.668	36.280	26.826
30.0	15.659	36.282	26.830
40.0	15.664	36.287	26.833
50.0	15.623	36.280	26.837
60.0	15.574	36.289	26.840
70.0	15.554	36.263	26.840
80.0	15.515	36.253	26.842
90.0	15.226	36.196	26.864
100.0	15.018	36.159	26.882
120.0	14.807	36.118	26.897
140.0	14.776	36.114	26.902
160.0	14.770	36.113	26.903
180.0	14.656	36.095	26.915
200.0	14.389	36.221	27.070

STATION GB1122 : 35 53.0 N 5 50.8 W 10/ 4/86 1103Z 518/ 623m

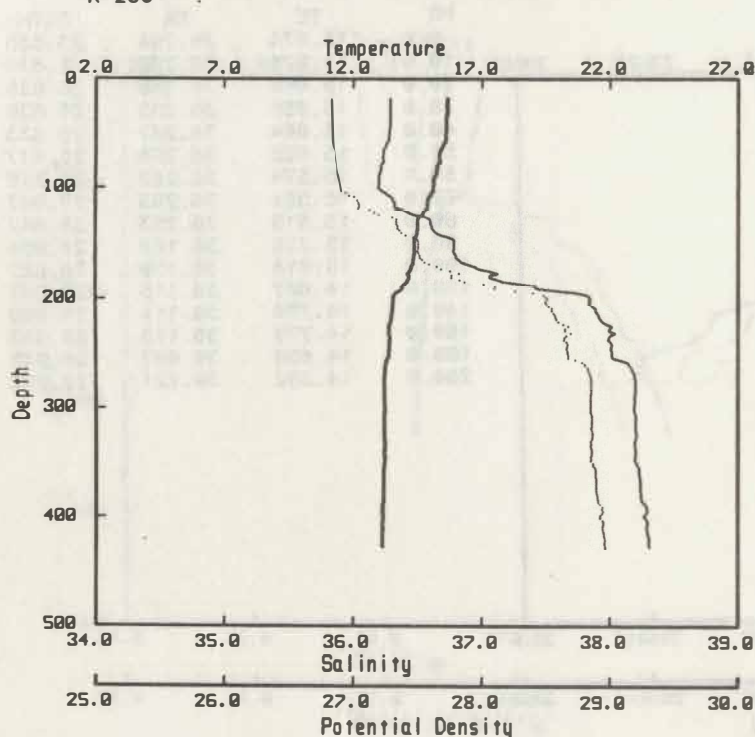
Day: 100.46 SST: 15.7 Tdry: 14.8 RH: 71.0 Wspd: 15.0 CTD #: 5  
 10 APR 86 SS POS:SHL/SATNAV Km E and N of Tarif a: -19.5km -13.0km  
 K-207 \*\*\* up trace \*\*\*



PR	TE	SA	SGTH
2.0	15.688	36.277	26.818
10.0	15.673	36.279	26.824
20.0	15.626	36.282	26.837
30.0	15.617	36.282	26.839
40.0	15.616	36.282	26.840
50.0	15.598	36.284	26.846
60.0	15.601	36.283	26.845
70.0	15.598	36.281	26.844
80.0	15.591	36.279	26.845
90.0	15.417	36.247	26.860
100.0	15.312	36.226	26.868
120.0	15.021	36.180	26.898
140.0	14.634	36.150	26.961
160.0	14.341	36.157	27.030
180.0	14.257	36.678	27.451
200.0	14.135	37.042	27.759
300.0	13.266	38.121	28.781
400.0	13.188	38.222	28.879
500.0	13.126	38.309	28.962

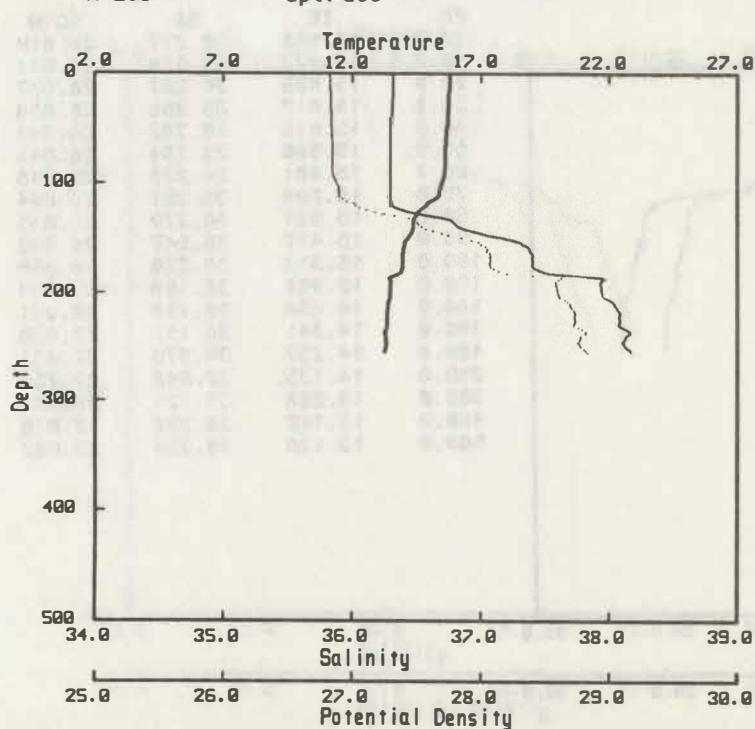


STATION GB1123 : 35 54.0 N 5 49.6 W 10/ 4/86 1150Z 427/ 433m

Day: 100.48 SST: 15.8 Tdry: 14.5 RH: 64.0 Wspd: 18.0 CTD #: 5  
10 APR 86 SS POS:SHL/ SATNAV Km E and N of Tarifa: -17.7km -11.1km  
K-206

PR	TE	SA	SGTH
20.0	15.641	36.286	26.837
30.0	15.642	36.285	26.836
40.0	15.612	36.284	26.842
50.0	15.587	36.277	26.843
60.0	15.478	36.254	26.850
70.0	15.339	36.229	26.863
80.0	15.234	36.211	26.873
90.0	15.125	36.197	26.887
100.0	15.102	36.194	26.890
120.0	14.754	36.395	27.123
140.0	14.472	36.638	27.372
160.0	14.360	36.793	27.517
180.0	14.169	37.053	27.760
200.0	13.542	37.848	28.509
300.0	13.215	38.193	28.848
400.0	13.159	38.269	28.922

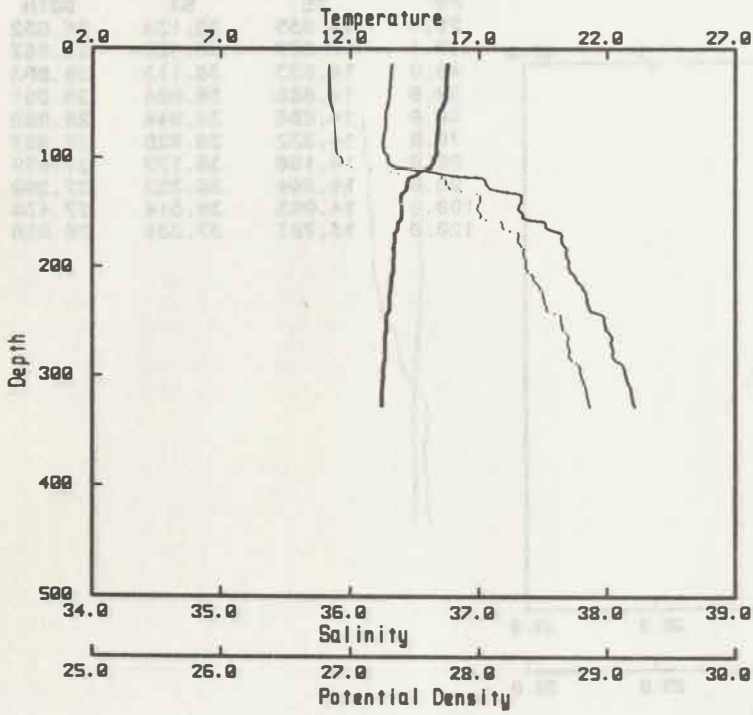
STATION GB1124 : 35 55.4 N 5 52.3 W 10/ 4/86 1236Z 255/ 295m

Day: 100.51 SST: 15.8 Tdry: 14.1 RH: 69.0 Wspd: 10.0 CTD #: 5  
10 APR 86 SS POS:SHL/SATNAV Km E and N of Tarifa: -21.8km -8.6km  
\*\*\* uptrace \*\*\*

PR	TE	SA	SGTH
2.0	15.781	36.315	26.826
10.0	15.781	36.316	26.827
20.0	15.738	36.312	26.834
30.0	15.723	36.309	26.836
40.0	15.709	36.306	26.837
50.0	15.656	36.297	26.843
60.0	15.633	36.293	26.845
70.0	15.602	36.288	26.849
80.0	15.614	36.288	26.846
90.0	15.587	36.286	26.851
100.0	15.467	36.289	26.881
120.0	14.903	36.311	27.025
140.0	14.373	36.825	27.538
160.0	13.991	37.377	28.048
180.0	13.907	37.469	28.137
200.0	13.473	37.945	28.599

STATION GB1125 : 35 57.7 N 5 52.4 W 10/ 4/86 1325Z 323/ 347m

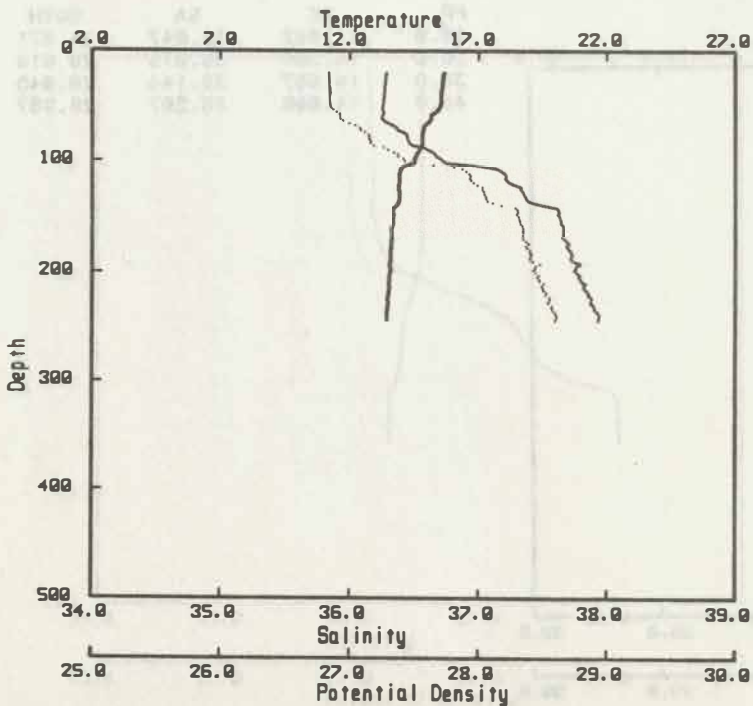
Day: 100.55 SST: 15.8 Tdry: 14.8 RH: 68.0 Wspd: 14.0 CTD #: 5  
 10 APR 86 SS POS:SHL/SATNAV Km E and N of Tarifa: -21.9km -4.2km  
 K-204



PR	TE	SA	SGTH
20.0	15.750	36.316	26.835
30.0	15.734	36.310	26.834
40.0	15.710	36.305	26.836
50.0	15.604	36.290	26.849
60.0	15.433	36.275	26.877
70.0	15.410	36.273	26.881
80.0	15.362	36.260	26.882
90.0	15.344	36.261	26.887
100.0	15.261	36.294	26.931
120.0	14.249	37.051	27.739
140.0	13.994	37.330	28.010
160.0	13.868	37.518	28.183
180.0	13.715	37.661	28.327
200.0	13.675	37.699	28.365
300.0	13.271	38.146	28.800

STATION GB1126 : 36 .0 N 5 51.0 W 10/ 4/86 1408Z 244/ 240m

Day: 100.59 SST: 15.8 Tdry: 14.0 RH: 72.0 Wspd: 10.0 CTD #: 5  
 10 APR 86 SS POS:SHL/SATNAV Km E and N of Tarifa: -19.8km .0km  
 K-203

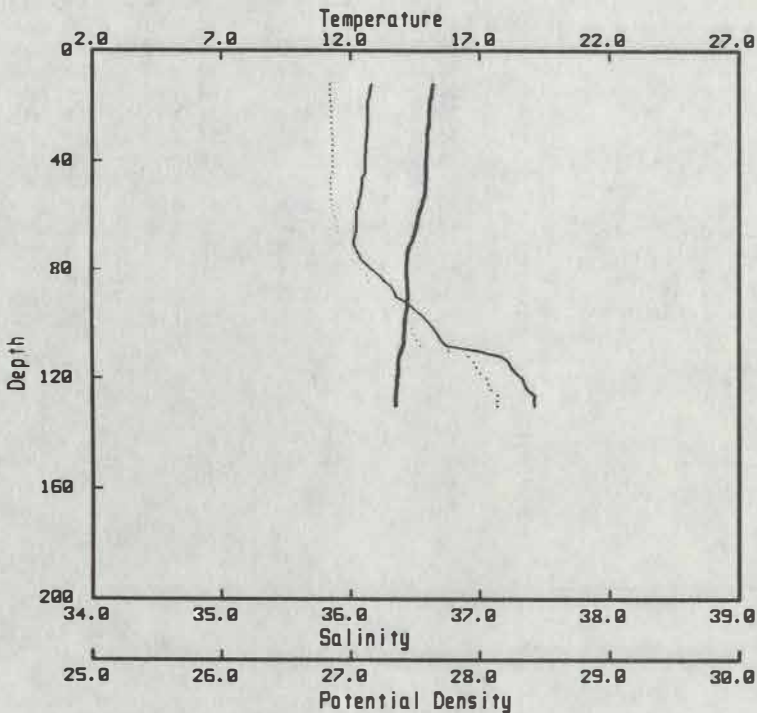


PR	TE	SA	SGTH
20.0	15.642	36.284	26.835
30.0	15.593	36.275	26.839
40.0	15.542	36.266	26.844
50.0	15.517	36.256	26.843
60.0	15.146	36.252	26.923
70.0	14.852	36.362	27.074
80.0	14.803	36.446	27.150
90.0	14.700	36.605	27.295
100.0	14.504	36.717	27.425
120.0	13.905	37.236	27.956
140.0	13.816	37.493	28.174
160.0	13.630	37.654	28.339
180.0	13.576	37.716	28.399
200.0	13.547	37.763	28.442

STATION GB1127 : 36 1.8 N 5 51.4 W 10/ 4/86 1448Z 135/ 142m

Day: 100.60 SST: 15.3 Tdry: 14.7 RH: 68.0 Wspd: 8.0 CTD #: 5  
10 APR 86 SS POS:SHL/SATNAV Km E and N of Tarifa: -20.4km 3.3km  
K-202

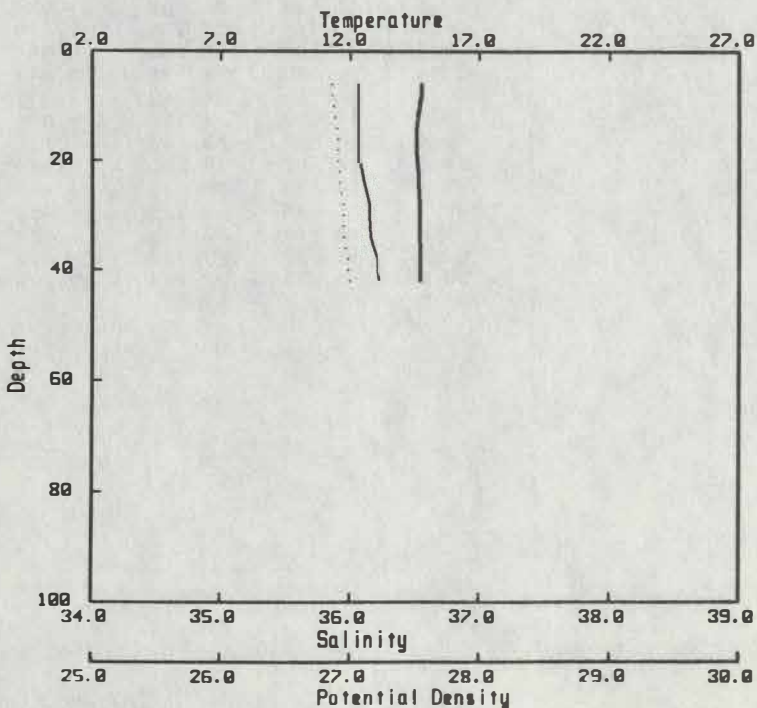
PR	TE	SA	SGTH
20.0	15.055	36.134	26.852
30.0	14.977	36.125	26.862
40.0	14.933	36.113	26.863
50.0	14.888	36.084	26.851
60.0	14.606	36.044	26.882
70.0	14.332	36.025	26.927
80.0	14.156	36.172	27.079
90.0	14.204	36.353	27.209
100.0	14.093	36.614	27.434
120.0	13.797	37.336	28.056



STATION GB1128 : 36 4.1 N 5 52.1 W 10/ 4/86 1529Z 40/ 52m

Day: 100.64 SST: 14.8 Tdry: 15.0 RH: 70.5 Wspd: 6.0 CTD #: 5  
10 APR 86 TK POS:SHL/SATNAV Km E and N of Tarifa: -21.4km 7.6km  
K-201

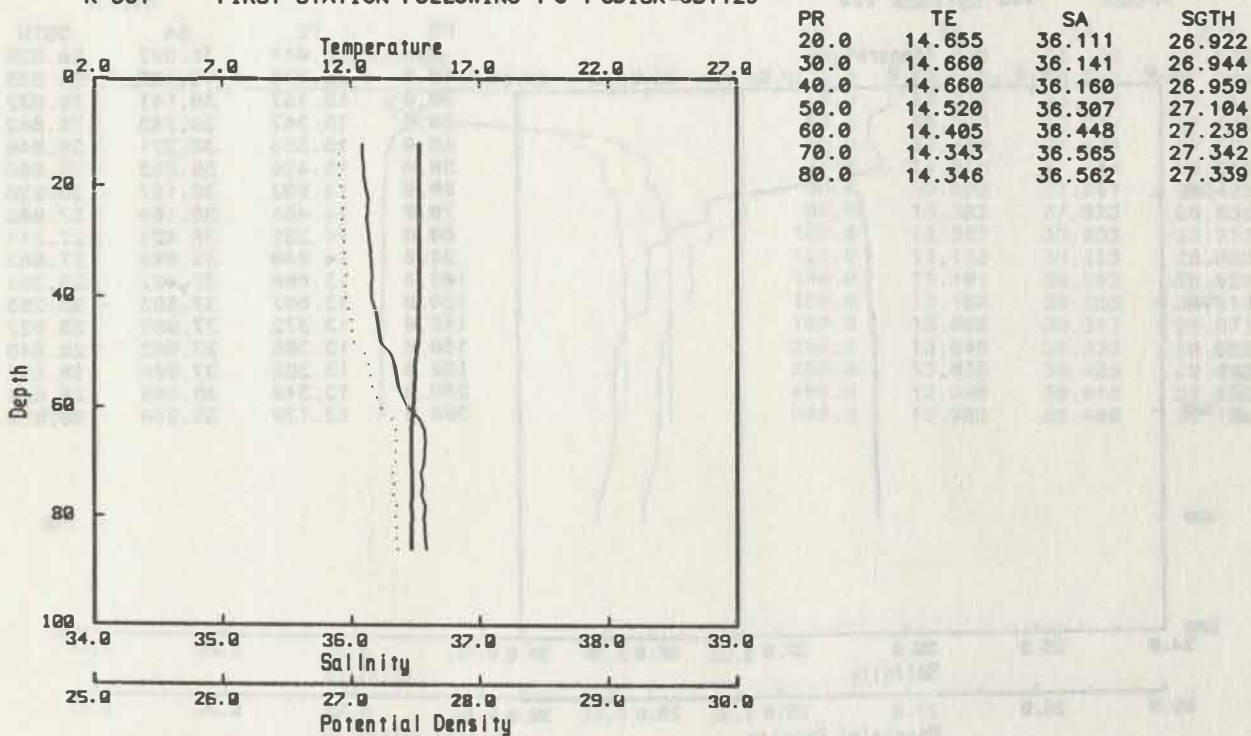
PR	TE	SA	SGTH
10.0	14.662	36.047	26.871
20.0	14.584	36.075	26.910
30.0	14.667	36.144	26.945
40.0	14.698	36.207	26.987





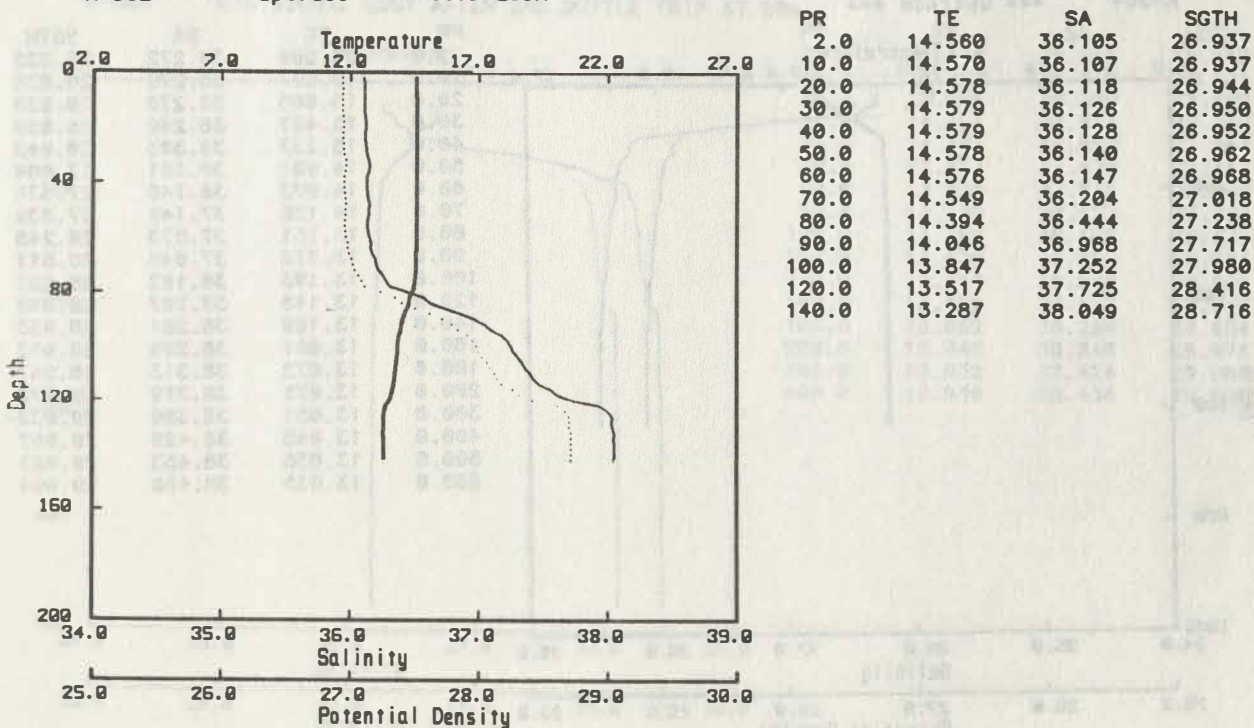
STATION GB1129 : 36 .4 N 5 39.3 W 11/ 4/86 2130Z 85/ 95m

Day: 101.89 SST: 14.7 Tdry: 14.6 RH: 77.6 Wspd: 4.0 CTD #: 5  
 11 AP 86 ACC POS:SATNAV (THEKm E and N of Tarifa: -2.3km .8km  
 K-301 FIRST STATION FOLLOWING Y O-Y ODISK-GB1129



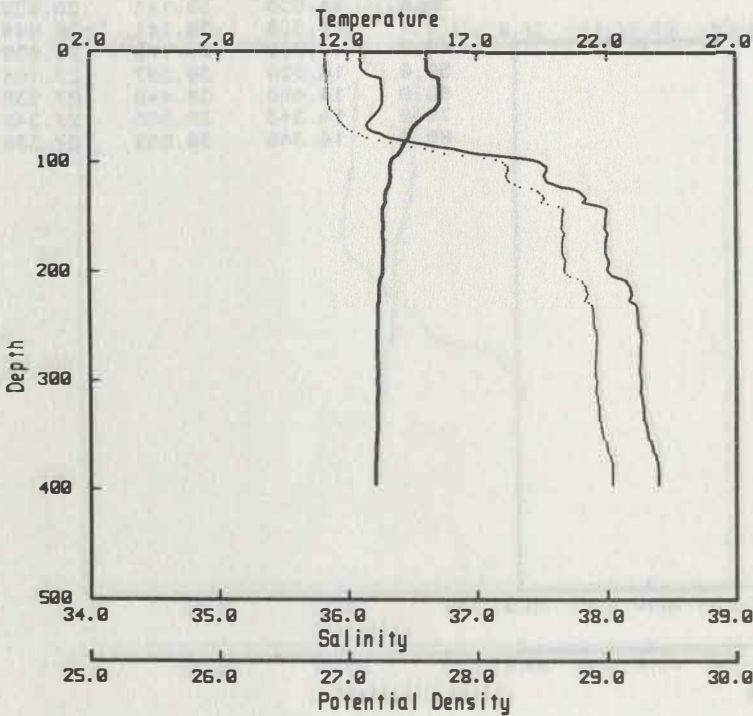
STATION GB1130 : 36 .0 N 5 37.5 W 11/ 4/86 2202Z 145/ 157m

Day: 101.92 SST: 14.7 Tdry: 14.6 RH: 77.6 Wspd: 16.0 CTD #: 5  
 11 AP 86 ACC POS:SHL/RADAR Km E and N of Tarifa: .4km .0km  
 K-302 \*\*\* uptrace \*\*\* GOOD LUCK



STATION GB1131 : 35 58.7 N 5 39.3 W 11/ 4/86 2239Z 396/ 405m

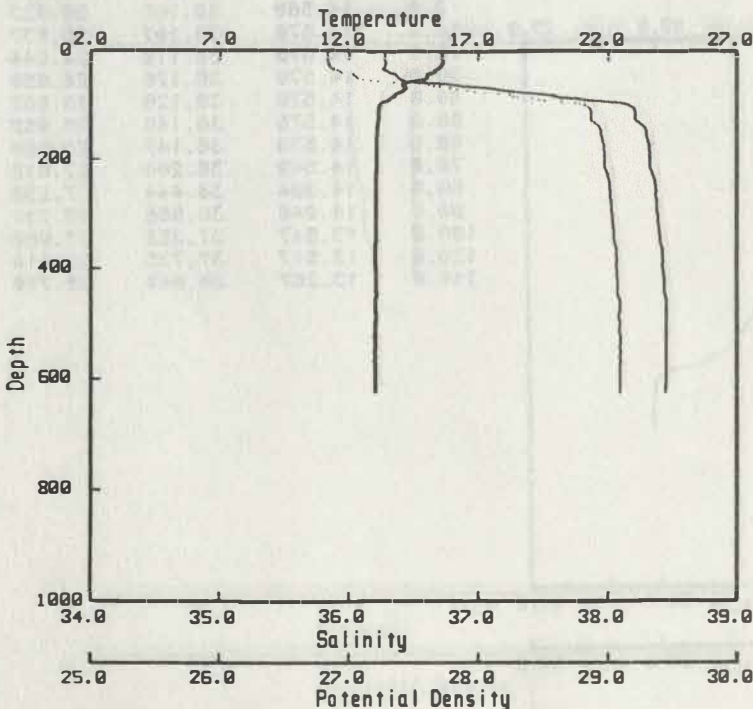
Day: 101.93 SST: 15.1 Tdry: 13.2 RH: 99.0 Wspd: 18.0 CTD #: 5  
 11 AP 86 ACC POS:SHL/RADAR Km E and N of Tarifa: -2.3km -2.5km  
 K-303 \*\*\* uptrace \*\*\*



PR	TE	SA	SGTH
2.0	15.044	36.097	26.825
10.0	15.075	36.106	26.825
20.0	15.167	36.141	26.832
30.0	15.547	36.265	26.842
40.0	15.554	36.271	26.846
50.0	15.429	36.253	26.860
60.0	14.902	36.187	26.928
70.0	14.481	36.164	27.002
80.0	14.281	36.421	27.244
90.0	14.040	36.896	27.663
100.0	13.660	37.487	28.201
120.0	13.607	37.593	28.295
140.0	13.372	37.957	28.627
160.0	13.366	37.982	28.648
180.0	13.366	37.986	28.652
200.0	13.349	38.009	28.674
300.0	13.139	38.260	28.916

STATION GB1132 : 35 57.2 N 5 39.2 W 11/ 4/86 2320Z 624/ 630m

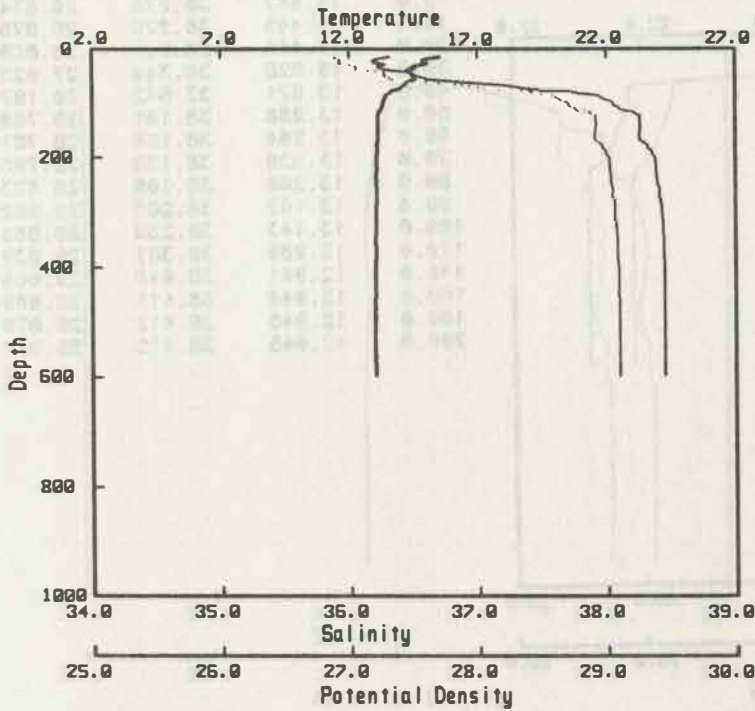
Day: 101.97 SST: 15.1 Tdry: 12.9 RH: 83.6 Wspd: 10.0 CTD #: 5  
 12 AP 86 ACC POS:SHL/RADAR Km E and N of Tarifa: -2.1km -5.2km  
 K-304 \*\*\* uptrace \*\*\*



PR	TE	SA	SGTH
2.0	15.599	36.272	26.835
10.0	15.607	36.276	26.836
20.0	15.605	36.278	26.839
30.0	15.487	36.269	26.859
40.0	15.237	36.305	26.943
50.0	14.961	36.381	27.064
60.0	14.073	36.745	27.538
70.0	14.128	37.149	27.839
80.0	13.751	37.573	28.248
90.0	13.510	37.846	28.511
100.0	13.193	38.162	28.822
120.0	13.145	38.207	28.868
140.0	13.109	38.281	28.933
160.0	13.091	38.299	28.952
180.0	13.072	38.313	28.967
200.0	13.075	38.319	28.972
300.0	13.051	38.386	29.032
400.0	13.045	38.428	29.067
500.0	13.038	38.453	29.092
600.0	13.035	38.450	29.094

STATION GB1133 : 35 55.6 N 5 39.5 W 12/ 4/86 9Z 597/ 609m

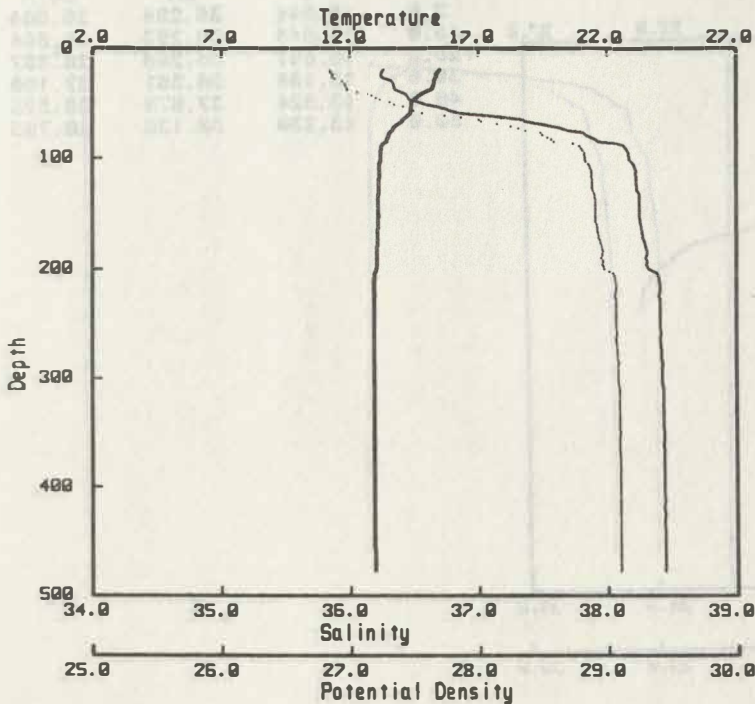
Day: 102.00 SST: 15.6 Tdry: 12.8 RH: 83.0 Wspd: 15.0 CTD #: 5  
 12 APR 86 Km E and N of Tarifa: -2.6km -8.1km  
 K-305



PR	TE	SA	SGTH
20.0	14.879	36.188	26.932
30.0	14.555	36.241	27.044
40.0	14.230	36.368	27.213
50.0	14.500	36.537	27.285
60.0	14.260	36.876	27.599
70.0	14.016	37.333	28.005
80.0	13.602	37.761	28.425
90.0	13.382	37.973	28.636
100.0	13.307	38.052	28.713
120.0	13.128	38.225	28.885
140.0	13.101	38.262	28.920
160.0	13.106	38.255	28.914
180.0	13.069	38.317	28.971
200.0	13.046	38.376	29.022
300.0	13.038	38.429	29.068
400.0	12.996	38.445	29.092
500.0	12.983	38.448	29.100

STATION GB1134 : 35 54.3 N 5 38.7 W 12/ 4/86 129Z 478/ 488m

Day: 102.05 SST: 15.6 Tdry: 13.0 RH: 78.4 Wspd: 20.0 CTD #: 5  
 12 APR 86 CAP POS:SHL/SATNAVKm E and N of Tarifa: -1.4km -10.6km  
 K-306 CTD SIGNAL LOST AFTER 2ND BOTTLE TRIP AT 28m.

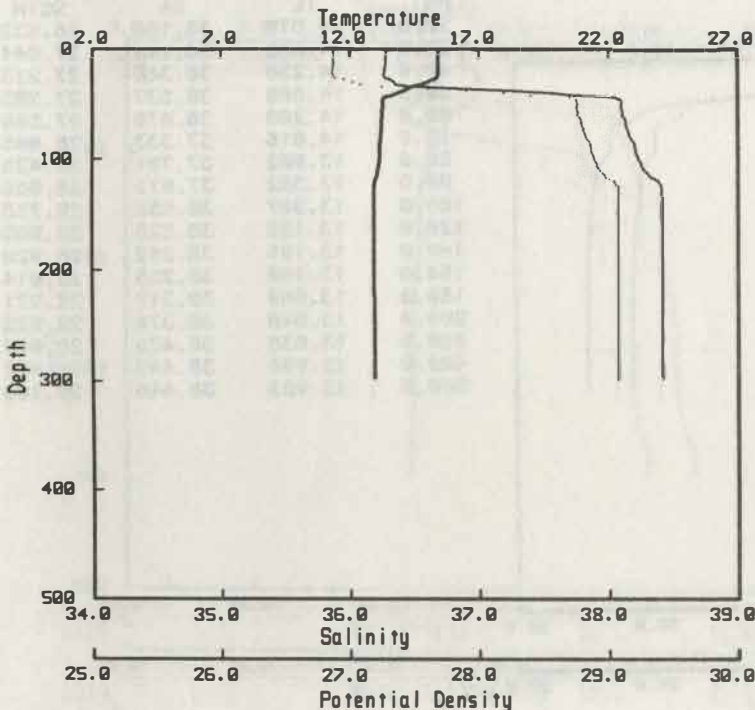


PR	TE	SA	SGTH
20.0	15.518	36.265	26.848
30.0	15.292	36.318	26.941
40.0	15.006	36.389	27.059
50.0	14.391	36.541	27.312
60.0	14.361	36.857	27.563
70.0	13.877	37.478	28.147
80.0	13.528	37.836	28.499
90.0	13.239	38.127	28.785
100.0	13.194	38.168	28.827
120.0	13.138	38.222	28.881
140.0	13.114	38.246	28.905
160.0	13.102	38.257	28.917
180.0	13.062	38.294	28.954
200.0	13.041	38.316	28.976
300.0	12.932	38.424	29.086
400.0	12.938	38.438	29.098



STATIONGB1135 : 35 52.7 N 5 38.8 W 12/ 4/86 233Z 297/ 307m

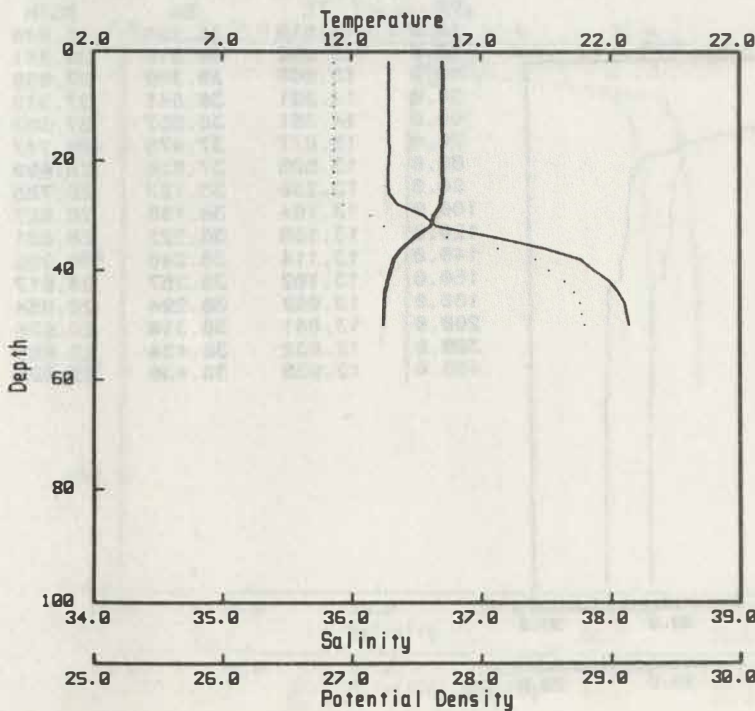
Day: 102.10 SST: 15.1 Tdry: 13.1 RH: 75.6 Wspd: 8.0 CTD #: 5  
 12 APR 86 CAP POS:SHL/SATNAVKm E and N of Tarifa: -1.5km -13.6km  
 K-307 \*\*\* uptrace \*\*\*



PR	TE	SA	SGTH
2.0	15.447	36.278	26.874
10.0	15.445	36.279	26.875
20.0	15.442	36.269	26.869
30.0	15.028	36.349	27.023
40.0	13.871	37.542	28.197
50.0	13.268	38.101	28.758
60.0	13.264	38.104	28.761
70.0	13.230	38.138	28.795
80.0	13.200	38.166	28.823
90.0	13.162	38.205	28.862
100.0	13.143	38.230	28.886
120.0	12.969	38.381	29.039
140.0	12.941	38.410	29.068
160.0	12.944	38.411	29.069
180.0	12.945	38.412	29.070
200.0	12.945	38.415	29.073

STATIONGB1136 : 35 51.3 N 5 38.2 W 12/ 4/86 312Z 50/ 60m

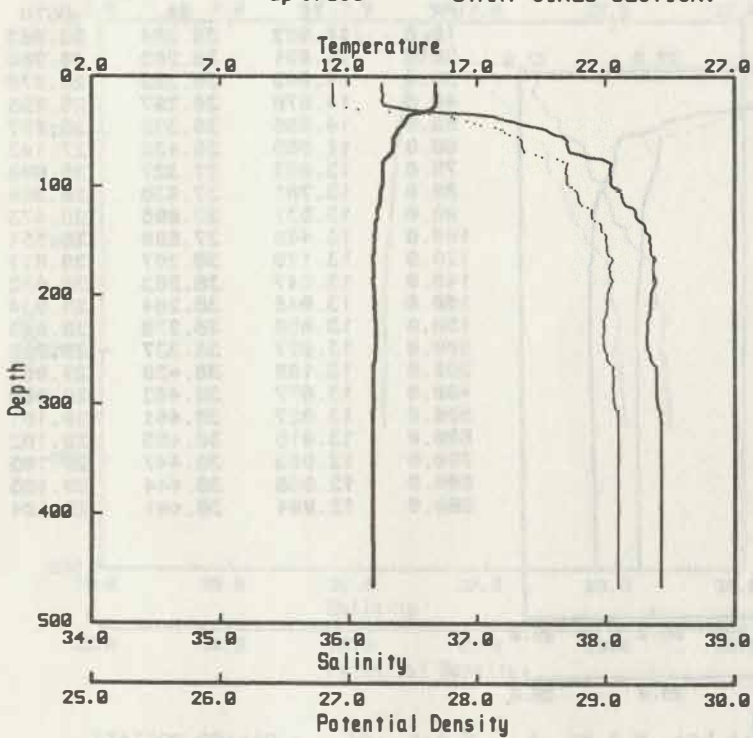
Day: 102.13 SST: 15.2 Tdry: 13.5 RH: 68.6 Wspd: 17.0 CTD #: 5  
 12 APR 86 CAP POS:SHL/SATNAVKm E and N of Tarifa: -.6km -16.1km  
 K-308 \*\*\* uptrace \*\*\*



PR	TE	SA	SGTH
2.0	15.544	36.294	26.864
10.0	15.544	36.293	26.864
20.0	15.541	36.296	26.867
30.0	15.194	36.561	27.150
40.0	13.524	37.870	28.525
50.0	13.230	38.136	28.793

STATION GB1137 : 35 55.9 N 5 27.6 W 12/ 4/86 440Z 466/ 478m

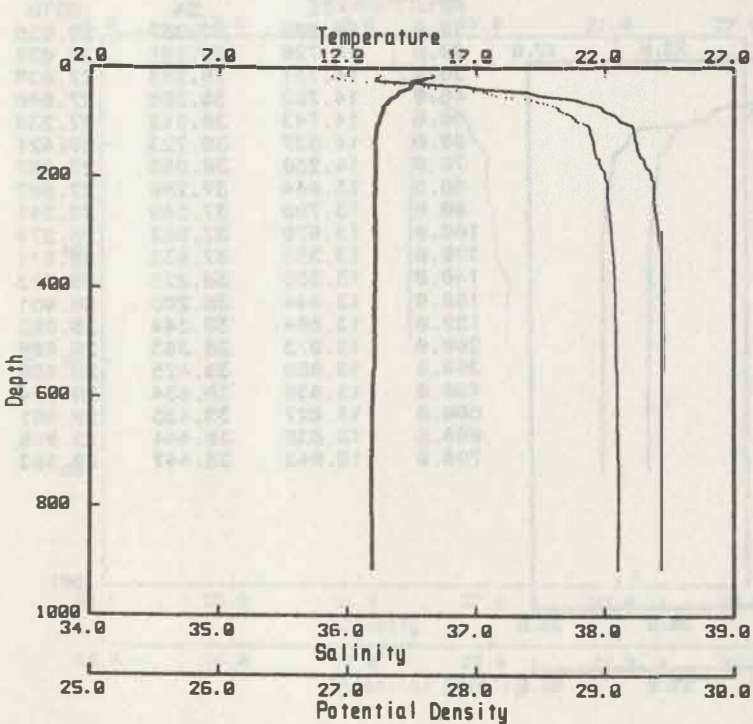
Day: 102.18 SST: 15.3 Tdry: 12.9 RH: 72.5 Wspd: 19.0 CTD #: 5  
 12 APR 86 CAP POS:SHL/RAD Km E and N of Tarifa: 15.3km -7.6km  
 K-406 \*\*\* uptrace \*\*\* START CIRES SECTION.



PR	TE	SA	SGTH
10.0	15.379	36.258	26.874
20.0	15.401	36.260	26.871
30.0	15.184	36.462	27.076
40.0	14.175	37.274	27.924
50.0	13.885	37.574	28.219
60.0	13.731	37.704	28.353
70.0	13.610	37.808	28.459
80.0	13.325	38.040	28.700
90.0	13.324	38.040	28.700
100.0	13.288	38.067	28.729
120.0	13.111	38.227	28.891
140.0	13.023	38.307	28.971
160.0	12.977	38.350	29.015
180.0	12.956	38.371	29.036
200.0	12.982	38.353	29.017
300.0	12.934	38.401	29.068
400.0	12.913	38.428	29.096

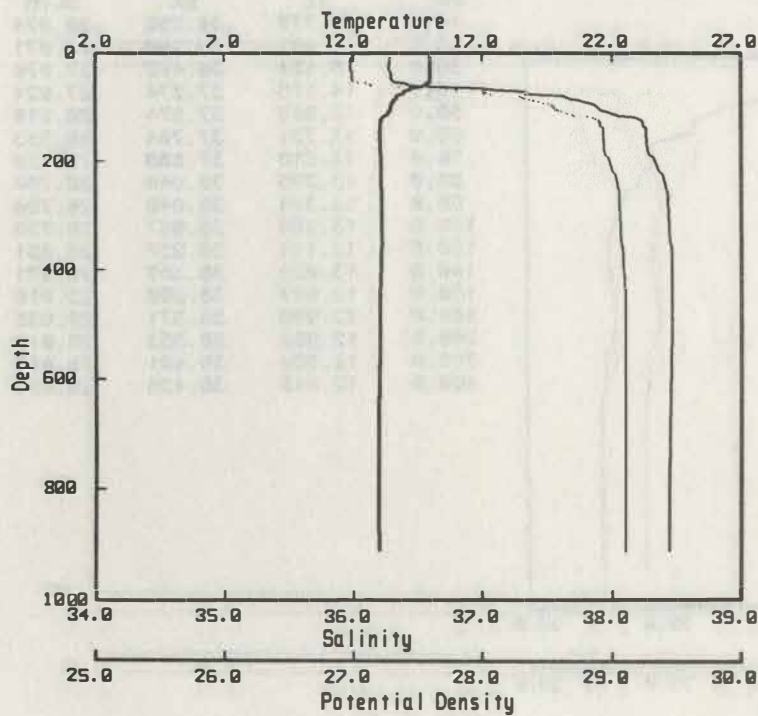
STATION GB1138 : 35 57.0 N 5 27.3 W 12/ 4/86 539Z 913/ 923m

Day: 102.22 SST: 14.6 Tdry: 12.7 RH: 74.6 Wspd: 20.0 CTD #: 5  
 12 APR 86 CAP POS:SHL/RAD Km E and N of Tarifa: 15.7km -5.6km  
 K-405



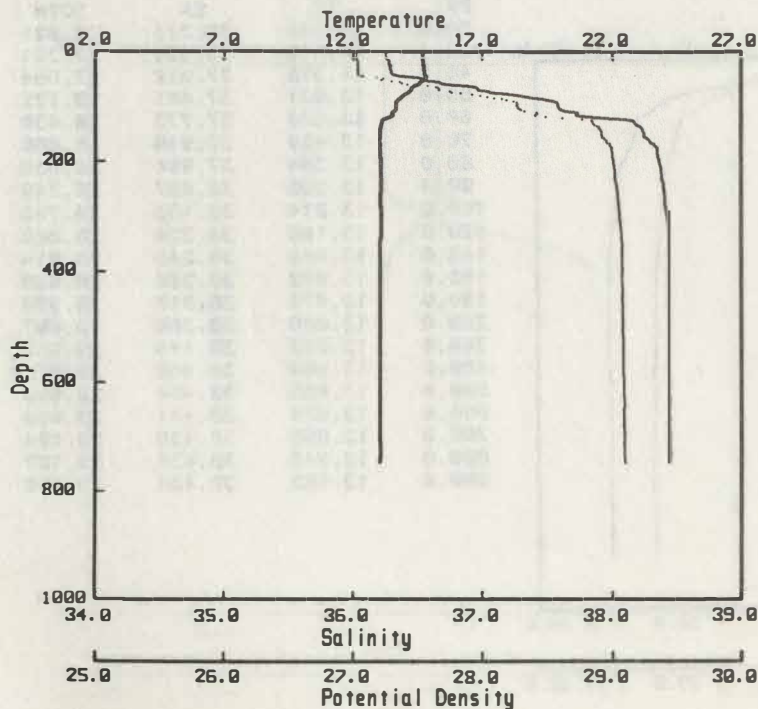
PR	TE	SA	SGTH
20.0	15.050	36.223	26.921
30.0	14.518	36.550	27.291
40.0	14.378	37.019	27.684
50.0	13.931	37.461	28.122
60.0	13.620	37.773	28.430
70.0	13.429	37.940	28.600
80.0	13.364	37.994	28.656
90.0	13.265	38.087	28.749
100.0	13.214	38.133	28.796
120.0	13.108	38.224	28.889
140.0	13.069	38.245	28.914
160.0	13.082	38.269	28.930
180.0	13.076	38.318	28.970
200.0	13.080	38.360	29.003
300.0	13.067	38.416	29.052
400.0	13.069	38.448	29.079
500.0	13.055	38.454	29.090
600.0	12.974	38.441	29.099
700.0	12.955	38.438	29.104
800.0	12.946	38.435	29.107
900.0	12.962	38.434	29.106

STATION GB1139 : 35 58.2 N 5 27.8 W 12/ 4/86 700Z 910/ 932m

Day: 102.29 SST: 14.7 Tdry: 13.1 RH: 64.6 Wspd: 20.0 CTD #: 5  
12 APR 86 CAP POS:SHL/RAD Km E and N of Tarifa: 15.0km -3.3km  
K-404

PR	TE	SA	SGTH
10.0	14.982	36.284	26.983
20.0	14.991	36.282	26.980
30.0	14.999	36.282	26.978
40.0	14.979	36.297	26.995
50.0	14.986	36.302	26.997
60.0	14.805	36.439	27.143
70.0	13.983	37.327	28.008
80.0	13.701	37.638	28.309
90.0	13.537	37.805	28.473
100.0	13.469	37.890	28.554
120.0	13.129	38.207	28.871
140.0	13.047	38.263	28.932
160.0	13.045	38.264	28.934
180.0	13.058	38.278	28.943
200.0	13.077	38.337	28.985
300.0	13.108	38.439	29.061
400.0	13.077	38.462	29.088
500.0	13.027	38.461	29.101
600.0	13.015	38.455	29.102
700.0	12.983	38.447	29.105
800.0	12.988	38.444	29.105
900.0	12.994	38.441	29.104

STATION GB1140 : 35 59.5 N 5 28.3 W 12/ 4/86 824Z 750/ 835m

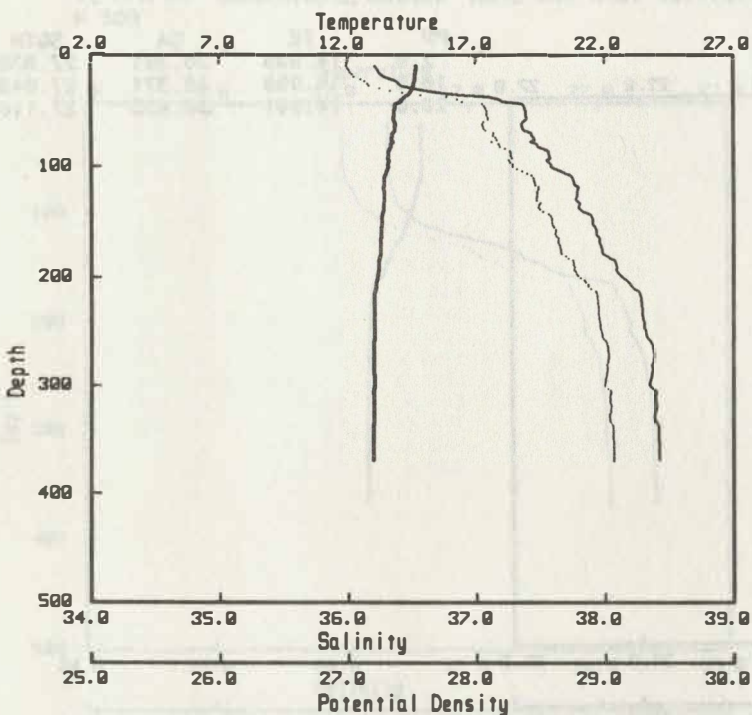
Day: 102.34 SST: 14.4 Tdry: 12.1 RH: 71.1 Wspd: 20.0 CTD #: 5  
12 APR 86 CAP POS:SHL/RAD Km E and N of Tarifa: 14.2km -.9km  
K-403

PR	TE	SA	SGTH
10.0	14.699	36.257	27.025
20.0	14.728	36.281	27.037
30.0	14.751	36.288	27.038
40.0	14.782	36.300	27.040
50.0	14.743	36.542	27.236
60.0	14.537	36.723	27.421
70.0	14.268	36.965	27.667
80.0	13.944	37.289	27.987
90.0	13.700	37.549	28.241
100.0	13.670	37.583	28.274
120.0	13.353	37.932	28.611
140.0	13.059	38.228	28.903
160.0	13.044	38.285	28.951
180.0	13.064	38.344	28.993
200.0	13.073	38.363	29.006
300.0	13.080	38.425	29.056
400.0	13.039	38.434	29.074
500.0	13.027	38.435	29.081
600.0	13.039	38.444	29.088
700.0	13.043	38.447	29.093



STATIONGB1141 : 36 .9 N 5 28.3 W 12/ 4/86 951Z 374/ 375m

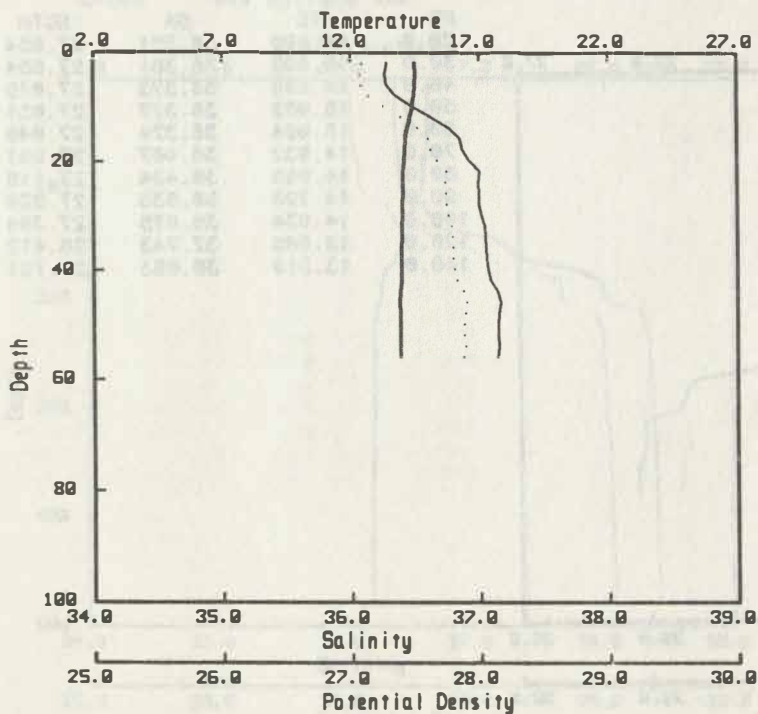
Day: 102.40 SST: 14.5 Tdry: 13.0 RH: 68.5 Wspd: 18.0 CTD #: 5  
 12 APR 86 SS POS:SHL/SATNAV Km E and N of Tarifa: 14.2km 1.7km  
 K-402



PR	TE	SA	SGTH
10.0	14.703	36.218	26.994
20.0	14.660	36.287	27.057
30.0	14.542	36.510	27.255
40.0	14.147	37.182	27.859
50.0	13.842	37.394	28.089
60.0	13.868	37.367	28.063
70.0	13.769	37.439	28.140
80.0	13.725	37.480	28.182
90.0	13.618	37.573	28.277
100.0	13.611	37.585	28.288
120.0	13.431	37.796	28.490
140.0	13.406	37.833	28.524
160.0	13.331	37.935	28.619
180.0	13.270	38.020	28.699
200.0	13.174	38.141	28.813
300.0	13.052	38.347	29.001

STATIONGB1142 : 36 1.8 N 5 28.2 W 12/ 4/86 1028Z 52/ 64m

Day: 102.43 SST: 14.5 Tdry: 14.4 RH: 68.0 Wspd: 25.0 CTD #: 5  
 12 APR 86 SS POS:SHL/SATNAV Km E and N of Tarifa: 14.4km 3.3km  
 K-401 . END OF CIR ES SECTION

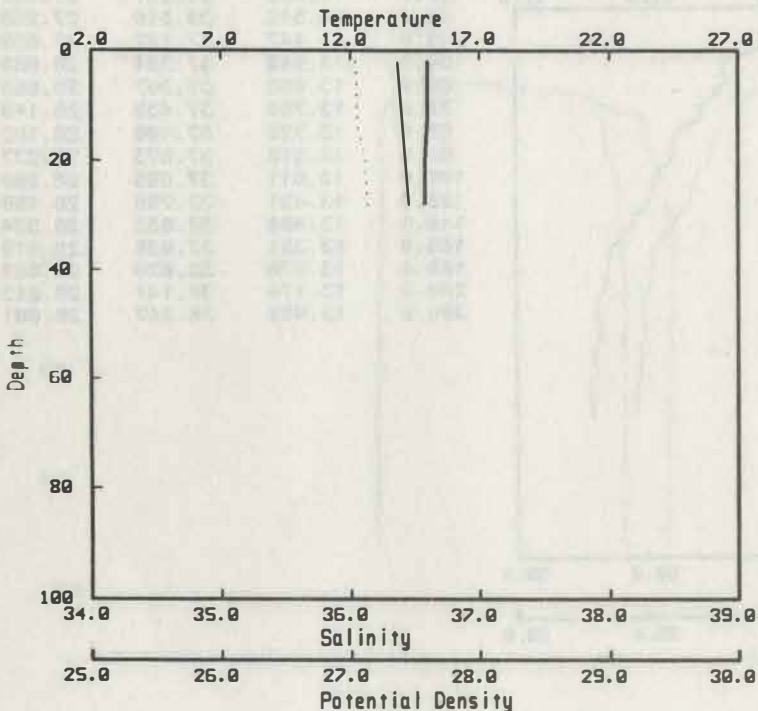


PR	TE	SA	SGTH
2.0	14.497	36.285	27.090
10.0	14.409	36.475	27.256
20.0	14.081	36.920	27.671
30.0	14.001	37.017	27.763
40.0	13.966	37.063	27.806
50.0	13.915	37.141	27.878

STATION GB1143 : 35 50.5 N 5 16.7 W 12/ 4/86 1242Z 26/ 30m

Day: 102.52 SST: 14.8 Tdry: 12.9 RH: 72.0 Wspd: 10.0 CTD #: 5  
 12 APR 86 SS POS:SHL/SATNAV Km E and N of Tarifa: 31.6km -17.6km  
 K 511 \*\*\* upt race\*\*\*

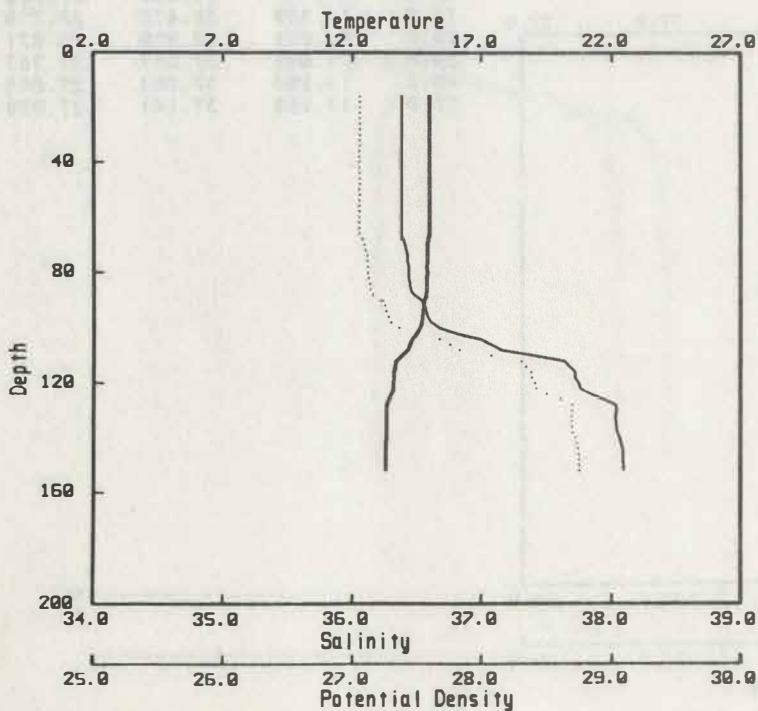
PR	TE	SA	SGTH
2.0	14.995	36.361	27.039
10.0	14.990	36.371	27.048
20.0	14.901	36.435	27.118



STATION GB1144 : 35 51.1 N 5 14.2 W 12/ 4/86 1305Z 150/ 157m

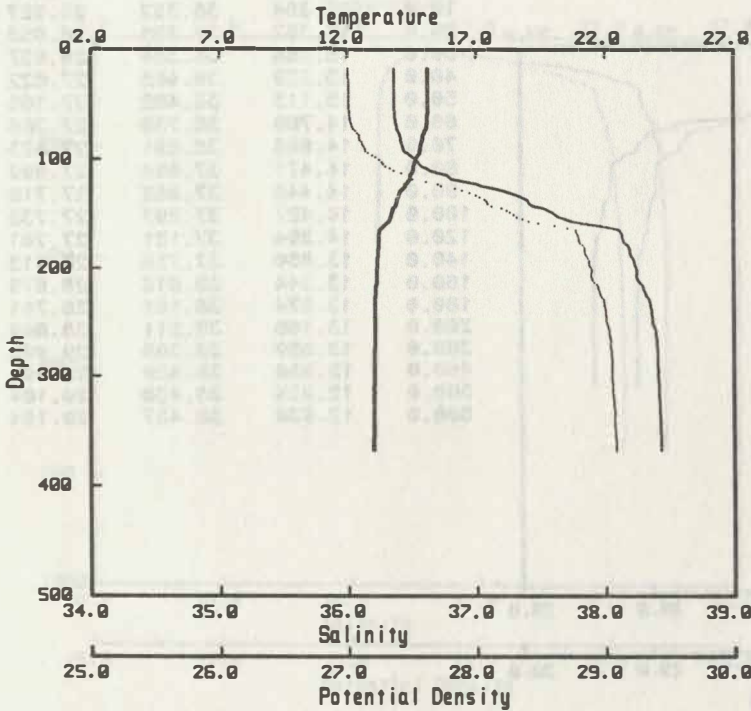
Day: 102.54 SST: 15.0 Tdry: 13.7 RH: 62.0 Wspd: 14.0 CTD #: 5  
 12 APR 86 SS POS:SHL/SATNAV Km E and N of Tarifa: 35.4km -16.4km  
 K 510 . SEC OND GIB STA.

PR	TE	SA	SGTH
20.0	14.999	36.381	27.054
30.0	15.002	36.381	27.054
40.0	14.998	36.373	27.049
50.0	15.002	36.377	27.051
60.0	15.004	36.374	27.049
70.0	14.932	36.407	27.091
80.0	14.905	36.434	27.118
90.0	14.795	36.535	27.220
100.0	14.634	36.675	27.364
120.0	13.605	37.743	28.412
140.0	13.319	38.063	28.721



STATION NGB1145 : 35 51.5 N 5 13.9 W 12/ 4/86 1332Z 363/ 371m

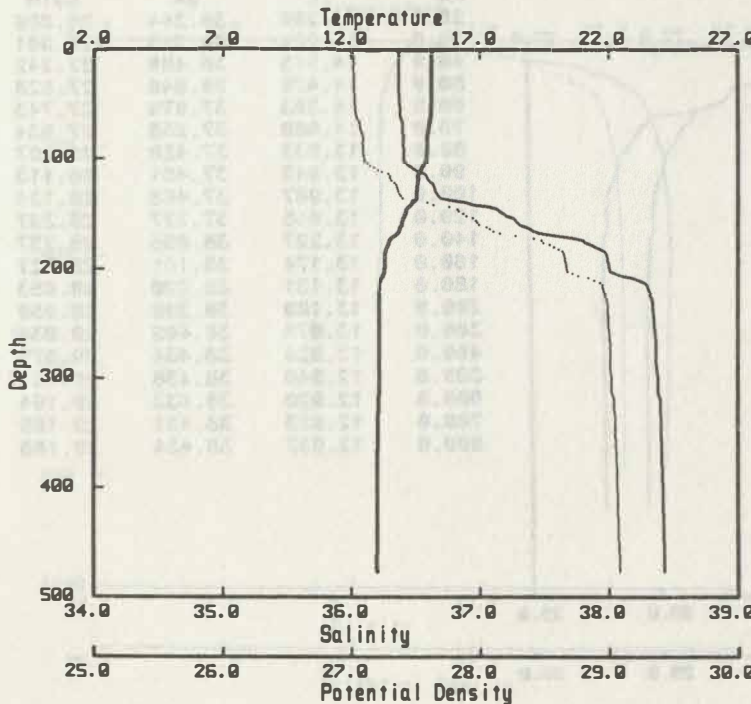
Day: 102.55 SST: 15.0 Tdry: 15.4 RH: 60.5 Wspd: 10.0 CTD #: 5  
 12 APR 86 SS POS:SHL/SATNAV Km E and N of Tarifa: 35.8km -15.8km  
 K 509



PR	TE	SA	SGTH
20.0	15.146	36.369	27.012
30.0	15.138	36.369	27.014
40.0	15.135	36.370	27.016
50.0	15.136	36.369	27.015
60.0	15.123	36.372	27.021
70.0	15.084	36.386	27.041
80.0	14.941	36.415	27.095
90.0	14.836	36.437	27.136
100.0	14.658	36.532	27.249
120.0	14.357	36.916	27.611
140.0	13.914	37.418	28.095
160.0	13.422	37.954	28.615
180.0	13.214	38.189	28.841
200.0	13.163	38.245	28.896
300.0	13.039	38.411	29.054

STATION GB1146 : 35 53.5 N 5 12.5 W 12/ 4/86 1407Z 476/ 470m

Day: 102.59 SST: 14.8 Tdry: 13.9 RH: 64.0 Wspd: 20.0 CTD #: 5  
 12 APR 86 SS POS:SHL/SATNAV Km E and N of Tarifa: 38.0km -12.0km  
 K-508 \*\*\* up trace \*\*\*

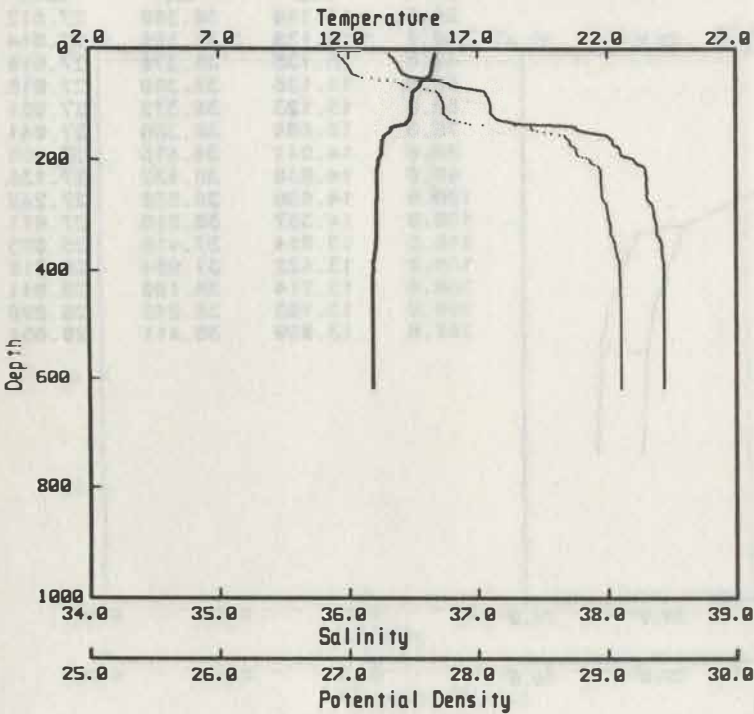


PR	TE	SA	SGTH
2.0	15.130	36.366	27.013
10.0	15.129	36.367	27.014
20.0	15.115	36.367	27.018
30.0	15.112	36.369	27.020
40.0	15.110	36.370	27.022
50.0	15.106	36.373	27.025
60.0	15.090	36.378	27.033
70.0	15.021	36.400	27.066
80.0	14.936	36.405	27.089
90.0	14.941	36.405	27.088
100.0	14.918	36.409	27.096
120.0	14.606	36.604	27.316
140.0	14.384	36.898	27.592
160.0	13.981	37.309	27.997
180.0	13.407	37.900	28.577
200.0	13.316	38.006	28.679
300.0	13.075	38.375	29.018
400.0	13.009	38.415	29.066



STATION NGB1147 : 35 55.9 N 5 13.6 W 12/ 4/86 1452Z 617/ 625m

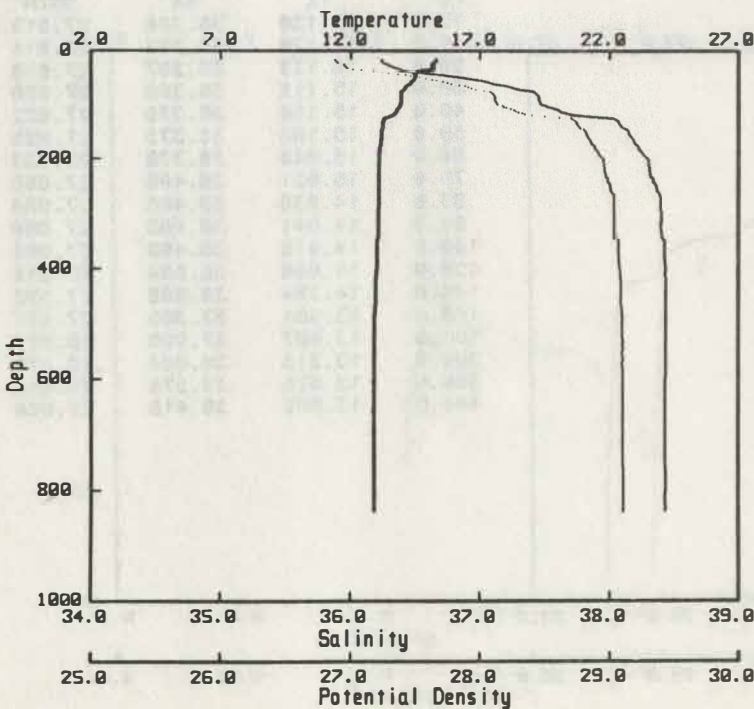
Day: 102.61 SST: 15.1 Tdry: 12.8 RH: 79.0 Wspd: 22.0 CTD #: 5  
 12 APR 86 SS PO S:SHL/SATNAV Km E and N of Tarif a: 36.2km -7.6km  
 K-507



PR	TE	SA	SGTH
10.0	15.364	36.322	26.927
20.0	15.307	36.359	26.968
30.0	15.266	36.384	26.997
40.0	15.229	36.405	27.022
50.0	15.113	36.482	27.108
60.0	14.789	36.750	27.386
70.0	14.666	36.891	27.523
80.0	14.471	37.064	27.699
90.0	14.446	37.082	27.719
100.0	14.427	37.097	27.735
120.0	14.394	37.121	27.761
140.0	13.650	37.755	28.412
160.0	13.344	38.016	28.679
180.0	13.274	38.101	28.761
200.0	13.168	38.211	28.869
300.0	13.089	38.365	29.008
400.0	12.950	38.436	29.094
500.0	12.924	38.438	29.104
600.0	12.936	38.437	29.104

STATION GB1148 : 35 59.0 N 5 16.8 W 12/ 4/86 1600Z 836/ 840m

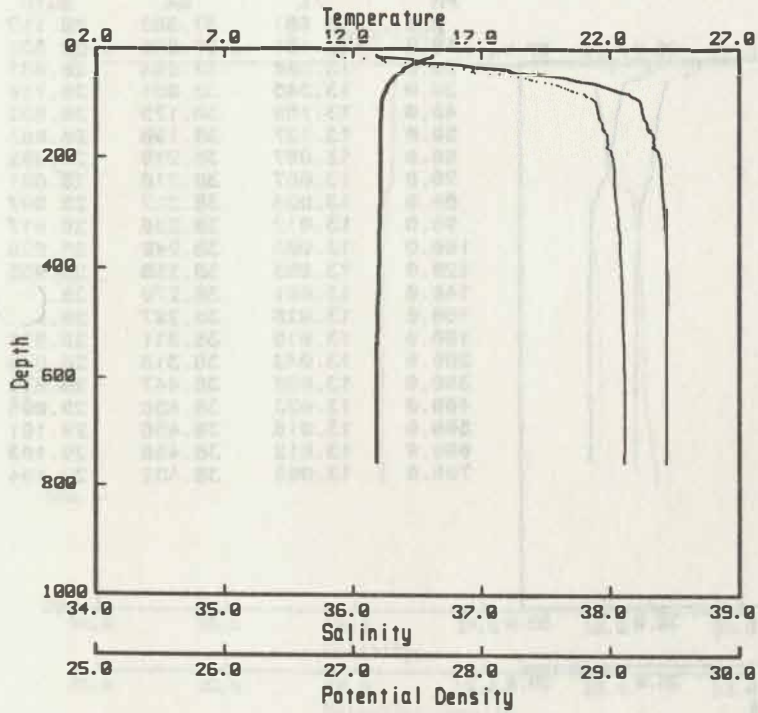
Day: 102.67 SST: 15.0 Tdry: 13.8 RH: 60.0 Wspd: 20.0 CTD #: 5  
 12 APR 86 SS PO S:SHL/SATNAV Km E and N of Tarif a: 31.5km -1.9km  
 K-506



PR	TE	SA	SGTH
20.0	15.266	36.244	26.889
30.0	15.224	36.325	26.961
40.0	14.515	36.486	27.242
50.0	14.479	36.846	27.528
60.0	14.303	37.074	27.743
70.0	14.080	37.258	27.934
80.0	13.933	37.428	28.097
90.0	13.942	37.451	28.113
100.0	13.907	37.468	28.134
120.0	13.615	37.727	28.397
140.0	13.227	38.085	28.757
160.0	13.174	38.161	28.827
180.0	13.131	38.220	28.883
200.0	13.100	38.298	28.950
300.0	13.078	38.402	29.038
400.0	13.026	38.434	29.077
500.0	12.940	38.438	29.101
600.0	12.920	38.433	29.104
700.0	12.923	38.431	29.105
800.0	12.937	38.434	29.108

STATION GB1149 : 38 .9 N 5 14.5 W 12/ 4/86 1708Z 755/ 775m

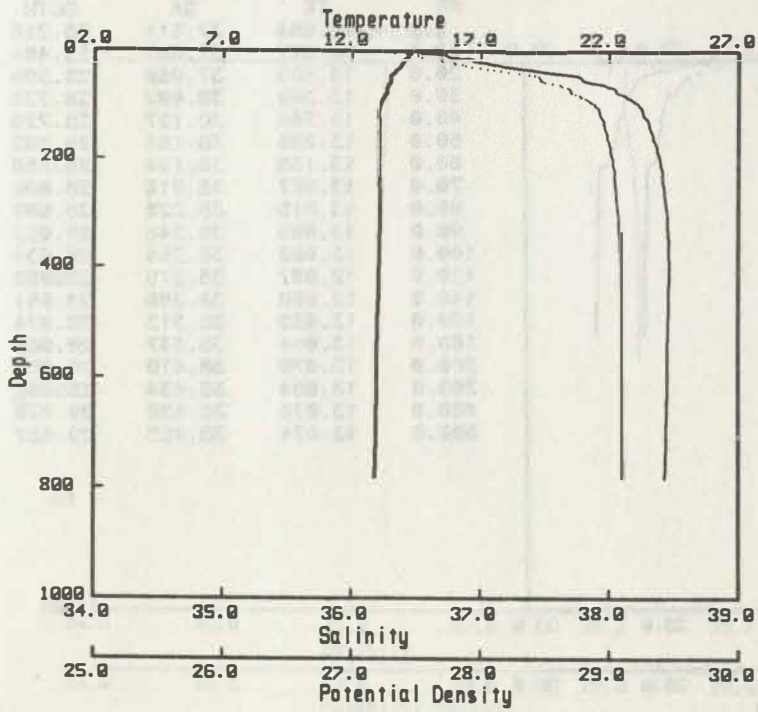
Day: 102.71 SST: 14.7 Tdry: 13.3 RH: 60.0 Wspd: 20.0 CTD #: 5  
 12 AP 86 ACC POS:SHL/RADAR Km E and N of Tarifa: 34.9km 1.7km  
 K-505



PR	TE	SA	SGTH
10.0	15.101	36.183	26.879
20.0	14.600	36.487	27.224
30.0	14.261	36.871	27.594
40.0	13.954	37.209	27.922
50.0	13.839	37.594	28.287
60.0	13.470	37.828	28.503
70.0	13.338	37.983	28.652
80.0	13.218	38.142	28.801
90.0	13.157	38.211	28.868
100.0	13.130	38.237	28.894
120.0	13.109	38.256	28.913
140.0	13.088	38.286	28.942
160.0	13.085	38.338	28.983
180.0	13.087	38.346	28.990
200.0	13.079	38.388	29.024
300.0	13.060	38.421	29.057
400.0	13.015	38.444	29.087
500.0	12.960	38.443	29.101
600.0	12.902	38.437	29.111
700.0	12.911	38.438	29.111

STATION GB1150 : 38 3.5 N 5 13.5 W 12/ 4/86 1829Z 782/ 847m

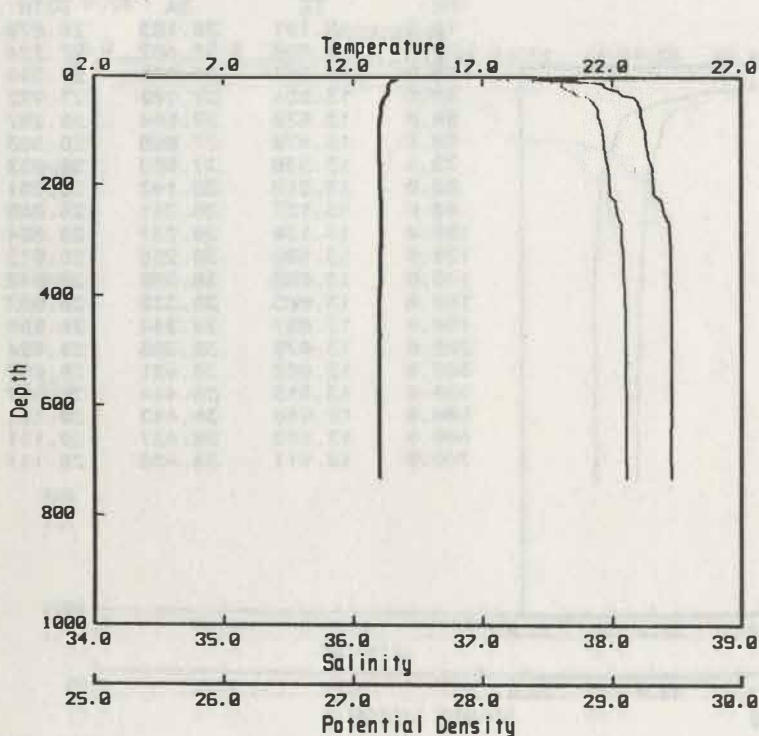
Day: 102.78 SST: 14.1 Tdry: 13.3 RH: 50.0 Wspd: 12.0 CTD #: 5  
 12 AP 86 ACC POS:SHL/RADAR Km E and N of Tarifa: 36.4km 6.5km  
 K-504



PR	TE	SA	SGTH
10.0	14.175	36.739	27.510
20.0	14.042	36.954	27.705
30.0	13.887	37.202	27.930
40.0	13.879	37.511	28.214
50.0	13.511	37.782	28.460
60.0	13.486	37.905	28.581
70.0	13.374	38.043	28.691
80.0	13.326	38.087	28.736
90.0	13.197	38.173	28.830
100.0	13.119	38.224	28.886
120.0	13.064	38.263	28.928
140.0	13.070	38.305	28.960
160.0	13.077	38.336	28.983
180.0	13.080	38.364	29.005
200.0	13.082	38.388	29.024
300.0	13.100	38.450	29.071
400.0	13.065	38.484	29.092
500.0	13.008	38.457	29.102
600.0	12.977	38.451	29.107
700.0	12.955	38.444	29.109

STATION GB1151 : 36 5.9 N 5 15.7 W 12/ 4/86 1956Z 730/ 740m

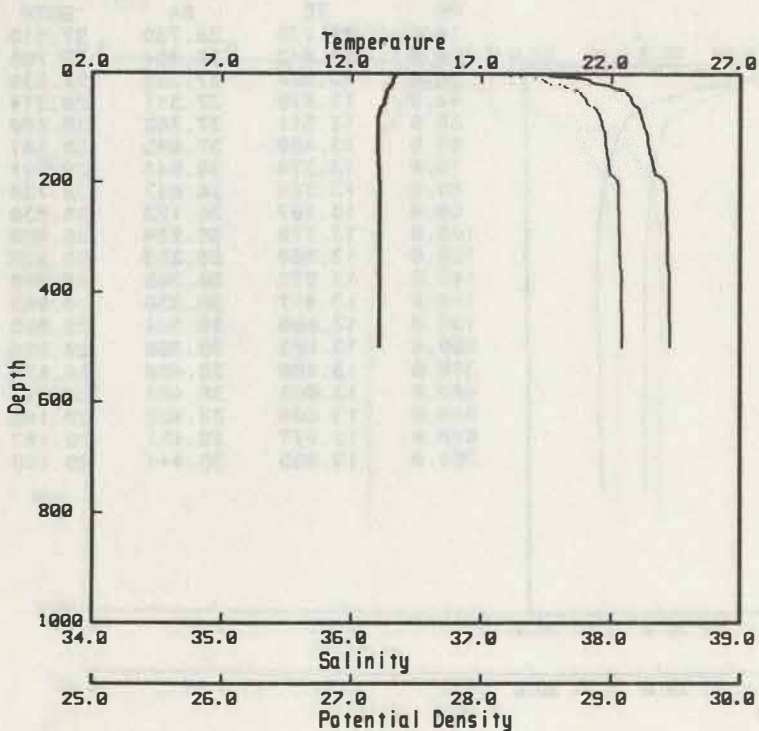
Day: 102.82 SST: 13.5 Tdry: 13.4 RH: 48.6 Wspd: 12.0 CTD #: 5  
 14 APR 86 NAB POS:SHL/RAD Km E and N of Tarifa: 33.1km 10.9km  
 K-503



PR	TE	SA	SGTH
2.0	13.681	37.388	28.117
10.0	13.431	37.855	28.532
20.0	13.356	37.964	28.632
30.0	13.345	38.061	28.710
40.0	13.189	38.175	28.832
50.0	13.127	38.198	28.863
60.0	13.067	38.219	28.892
70.0	13.067	38.218	28.891
80.0	13.028	38.227	28.907
90.0	13.012	38.236	28.917
100.0	13.005	38.249	28.929
120.0	13.003	38.256	28.935
140.0	13.001	38.270	28.947
160.0	13.026	38.297	28.964
180.0	13.035	38.311	28.973
200.0	13.043	38.318	28.978
300.0	13.088	38.447	29.071
400.0	13.023	38.456	29.095
500.0	13.016	38.458	29.101
600.0	13.012	38.456	29.103
700.0	13.006	38.452	29.104

STATION GB1152 : 36 8.1 N 5 15.5 W 12/ 4/86 2053Z 501/ 516m

Day: 102.86 SST: 13.4 Tdry: 13.1 RH: 60.0 Wspd: 10.0 CTD #: 5  
 12 AP 86 ACC POS:SHL/RAD Km E and N of Tarifa: 33.4km 15.0km  
 K-502

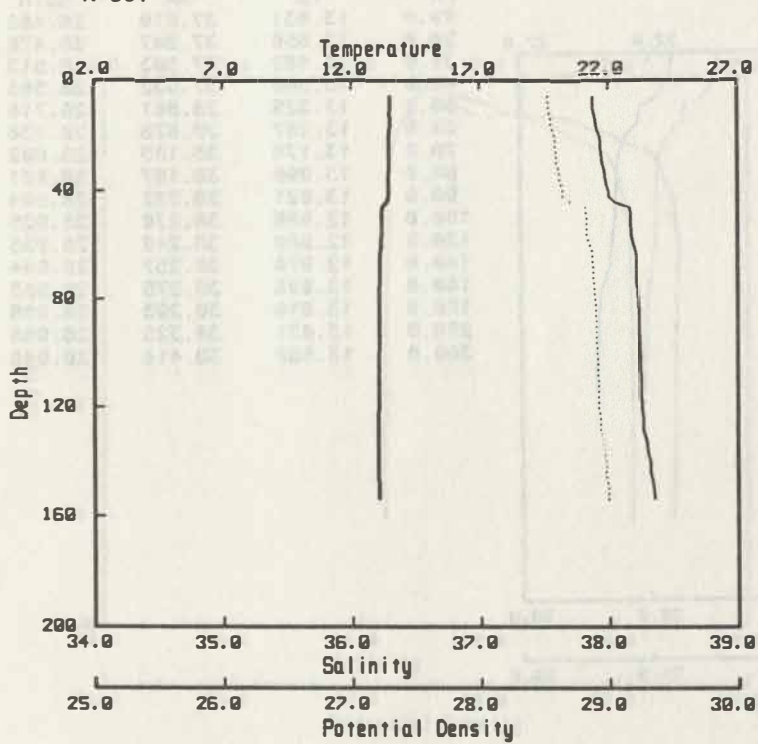


PR	TE	SA	SGTH
2.0	13.654	37.511	28.218
10.0	13.577	37.807	28.464
20.0	13.499	37.959	28.598
30.0	13.349	38.092	28.733
40.0	13.304	38.127	28.770
50.0	13.250	38.153	28.802
60.0	13.138	38.194	28.858
70.0	13.067	38.216	28.890
80.0	13.015	38.226	28.909
90.0	13.005	38.240	28.922
100.0	13.002	38.254	28.934
120.0	12.997	38.276	28.952
140.0	13.008	38.289	28.961
160.0	13.035	38.313	28.974
180.0	13.054	38.337	28.989
200.0	13.070	38.419	29.050
300.0	13.084	38.434	29.062
400.0	13.076	38.450	29.079
500.0	13.074	38.455	29.087



STATION GB1153 : 36 11.5 N 5 16.5 W 12/ 4/86 2145Z 153/ 168m

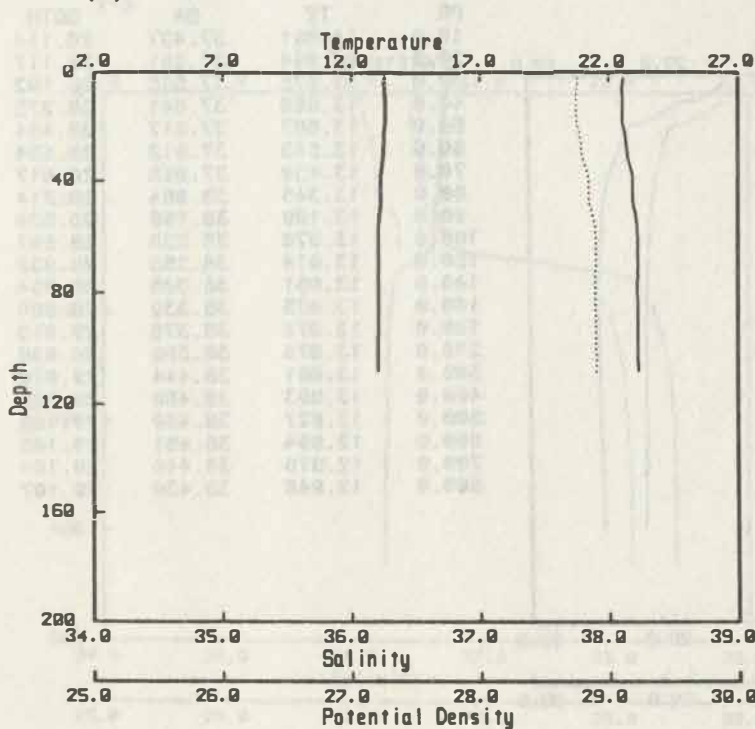
Day: 102.89 SST: 12.9 Tdry: 12.7 RH: 57.0 Wspd: 10.0 CTD #: 5  
 14 AP 86 ACC POS:SHL/SATNAV Km E and N of Tarifa: 31.9km 21.3km  
 K-501



PR	TE	SA	SGTH
10.0	13.511	37.885	28.538
20.0	13.484	37.937	28.585
30.0	13.475	37.955	28.601
40.0	13.435	38.003	28.647
50.0	13.187	38.174	28.831
60.0	13.143	38.198	28.860
70.0	13.104	38.216	28.882
80.0	13.076	38.230	28.899
90.0	13.071	38.236	28.905
100.0	13.062	38.245	28.914
120.0	13.051	38.254	28.924
140.0	13.036	38.318	28.977

STATION GB1154 : 38 24.0 N 5 1.5 W 12/ 4/86 2351Z 107/ 122m

Day: 102.96 SST: 12.9 Tdry: 12.6 RH: 46.0 Wspd: 8.0 CTD #: 5  
 14 AP 86 ACC POS:SHL/R AD Km E and N of Tarifa: 54.2km 44.4km  
 V-7

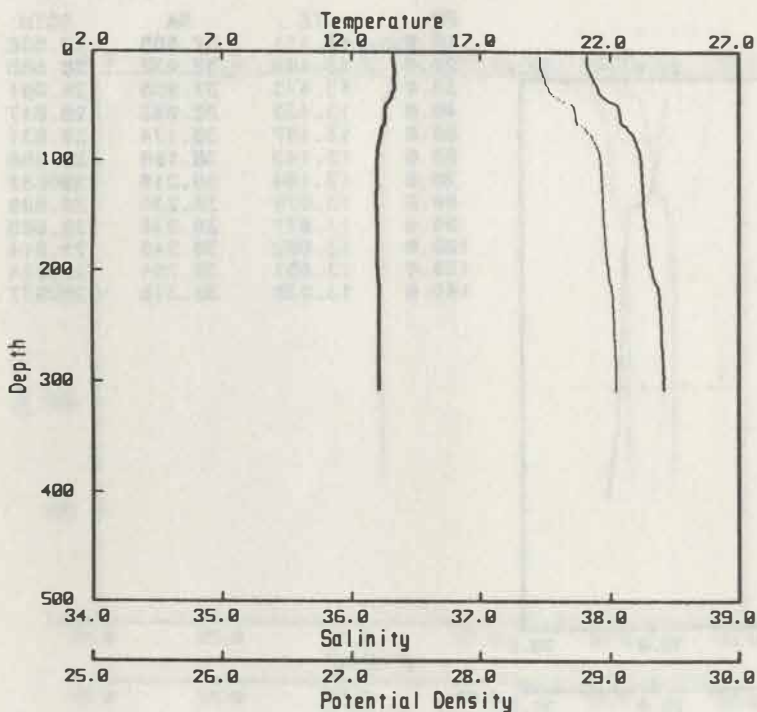


PR	TE	SA	SGTH
2.0	13.288	36.113	28.762
10.0	13.320	36.108	28.751
20.0	13.302	36.118	28.762
30.0	13.252	36.146	28.796
40.0	13.160	36.187	28.847
50.0	13.119	36.202	28.867
60.0	13.048	36.225	28.900
70.0	13.048	36.225	28.901
80.0	13.050	36.223	28.899
90.0	13.046	36.225	28.902
100.0	13.042	36.226	28.904

STATION GB1155 : 36 19.7 N 5 .1 W 13/ 4/86 36Z 308/ 320m

Day : 103.01 SST: 13.1 Tdry : 12.8 RH: 49.0 Wspd: .0 CTD #: 5  
14 APR 86 NAB POS:SHL/RAD Km E and N of Tarifa: 56.4km 36.6km  
V-6

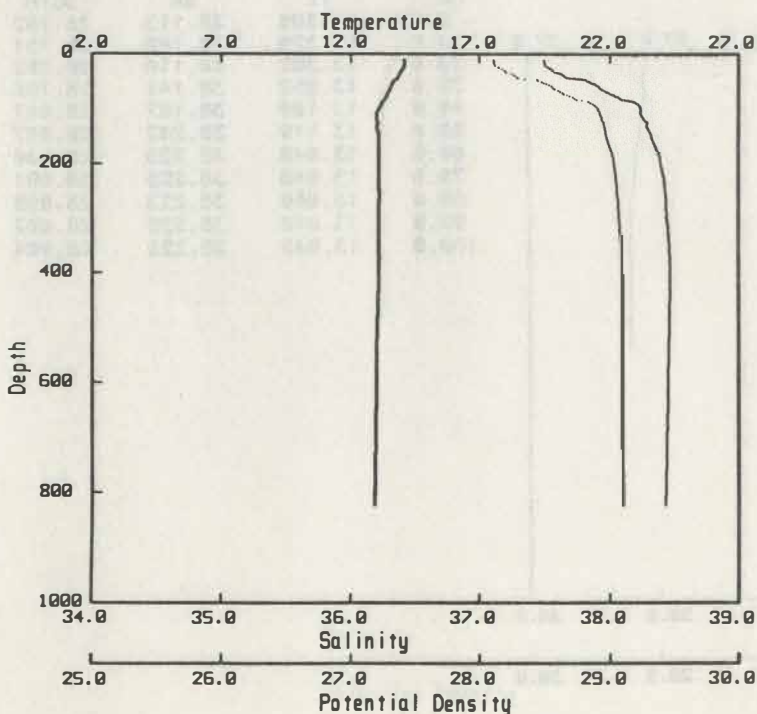
PR	TE	SA	SGTH
10.0	13.631	37.819	28.462
20.0	13.656	37.847	28.478
30.0	13.662	37.893	28.513
40.0	13.560	37.932	28.565
50.0	13.325	38.061	28.715
60.0	13.287	38.078	28.736
70.0	13.178	38.133	28.802
80.0	13.098	38.187	28.861
90.0	13.021	38.222	28.904
100.0	12.986	38.239	28.925
120.0	12.980	38.249	28.935
140.0	12.970	38.257	28.944
160.0	12.995	38.275	28.953
180.0	13.010	38.295	28.966
200.0	13.031	38.325	28.986
300.0	13.089	38.414	29.046



STATION GB1156 : 36 9.8 N 5 .2 W 13/ 4/86 207Z 823/ 834m

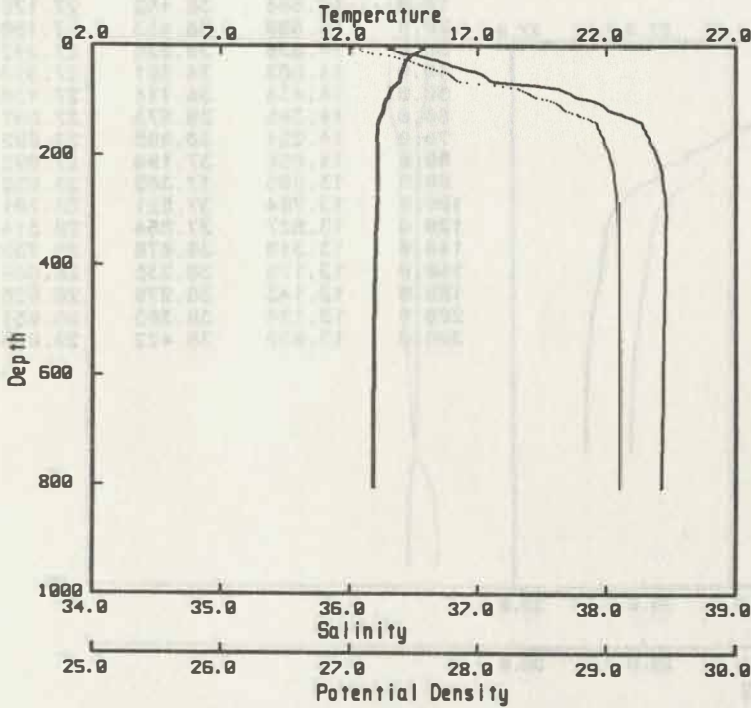
Day : 103.09 SST: 13.0 Tdry : 12.4 RH: 46.6 Wspd: .0 CTD #: 5  
14 APR 86 NAB POS:SHL/RAD Km E and N of Tarifa: 56.3km 18.1km  
V-5

PR	TE	SA	SGTH
10.0	14.091	37.497	28.114
20.0	14.094	37.501	28.117
30.0	13.975	37.565	28.192
40.0	13.866	37.641	28.275
50.0	13.667	37.817	28.454
60.0	13.543	37.912	28.554
70.0	13.450	37.968	28.617
80.0	13.345	38.064	28.714
90.0	13.199	38.199	28.850
100.0	13.070	38.238	28.907
120.0	13.014	38.263	28.939
140.0	13.051	38.305	28.964
160.0	13.075	38.339	28.986
180.0	13.076	38.376	29.015
200.0	13.076	38.395	29.030
300.0	13.081	38.444	29.070
400.0	13.093	38.468	29.090
500.0	13.027	38.460	29.100
600.0	12.994	38.451	29.103
700.0	12.976	38.444	29.104
800.0	12.948	38.436	29.107



STATION GB1157 : 35 59.9 N 5 .0 W 13/ 4/86 354Z 803/ 815m

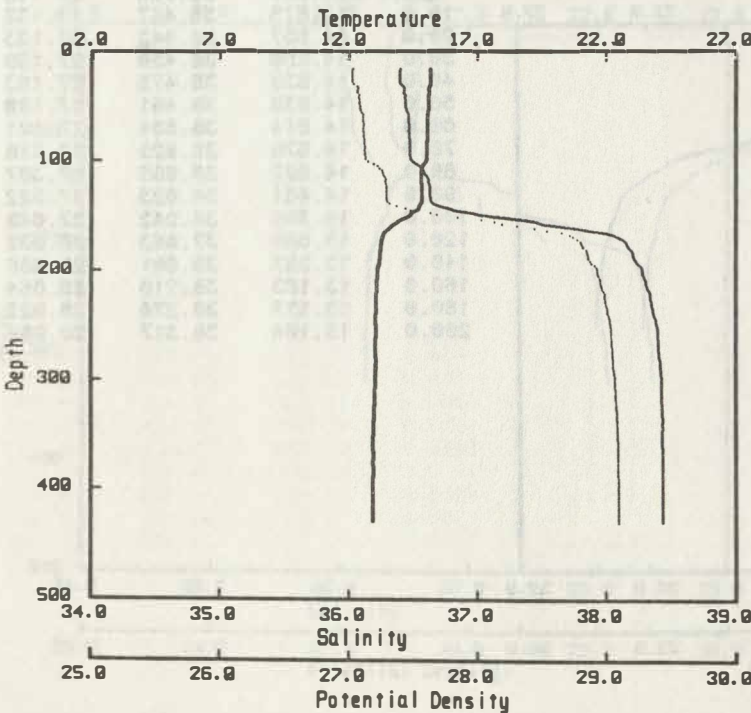
Day: 103.15 SST: 13.6 Tdry: 11.1 RH: 65.4 Wspd: .0 CTD #: 5  
 13 APR 86 CAP POS:SHL/RAD Km E and N of Tarifa: 56.6km -2.2km  
 V-4



PR	TE	SA	SGTH
10.0	14.703	36.361	27.104
20.0	14.332	36.578	27.352
30.0	14.176	36.728	27.502
40.0	14.089	36.863	27.626
50.0	14.008	37.024	27.768
60.0	13.968	37.083	27.822
70.0	13.784	37.434	28.133
80.0	13.609	37.671	28.354
90.0	13.533	37.754	28.435
100.0	13.405	37.922	28.592
120.0	13.289	38.073	28.734
140.0	13.113	38.276	28.929
160.0	13.095	38.316	28.964
180.0	13.088	38.348	28.991
200.0	13.077	38.390	29.026
300.0	13.059	38.459	29.087
400.0	12.984	38.453	29.101
500.0	12.946	38.446	29.106
600.0	12.922	38.438	29.108
700.0	12.911	38.432	29.108
800.0	12.903	38.428	29.108

STATION GB1158 : 35 49.8 N 5 .0 W 13/ 4/86 540Z 433/ 446m

Day: 103.22 SST: 14.0 Tdry: 11.3 RH: 52.3 Wspd: 6.0 CTD #: 5  
 13 APR 86 CAP POS:SHL/SATNAVKm E and N of Tarifa: 56.7km -18.9km  
 V-3



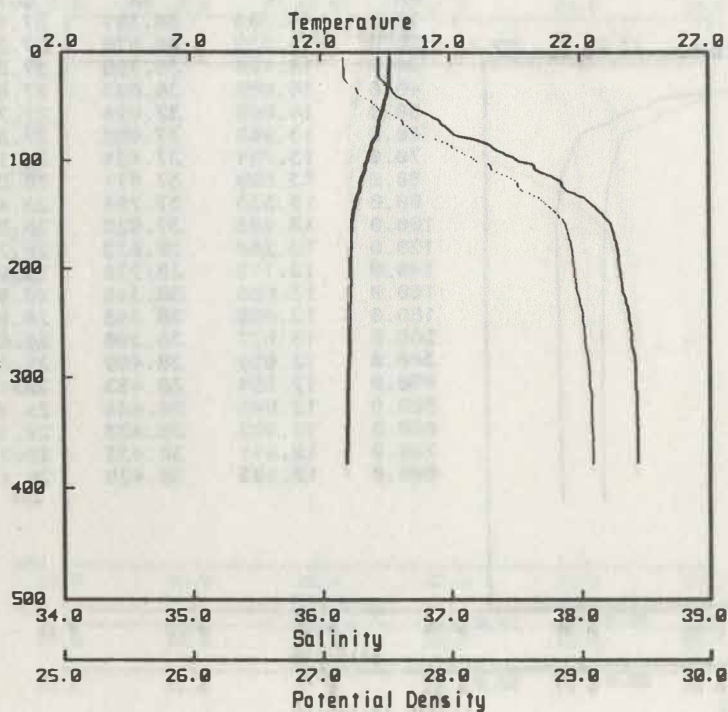
PR	TE	SA	SGTH
20.0	15.170	36.395	27.027
30.0	15.157	36.400	27.034
40.0	15.088	36.436	27.077
50.0	15.082	36.439	27.081
60.0	15.044	36.462	27.108
70.0	15.042	36.464	27.110
80.0	15.031	36.470	27.118
90.0	15.024	36.471	27.120
100.0	14.967	36.489	27.147
120.0	14.815	36.623	27.285
140.0	14.716	36.703	27.369
160.0	13.564	37.773	28.445
180.0	13.215	38.195	28.846
200.0	13.114	38.278	28.932
300.0	13.029	38.427	29.068
400.0	12.937	38.437	29.098



STATION GB1159 : 35 39.2 N 5 1.0 W 13/ 4/86 720Z 379/ 390m

Day: 103.30 SST: 14.3 Tdry: 11.0 RH: 74.5 Wspd: 5.0 CTD #: 5  
 13 APR 86 NAB POS:SHL/RAD Km E and N of Tarifa: 55.3km -38.5km  
 V-2

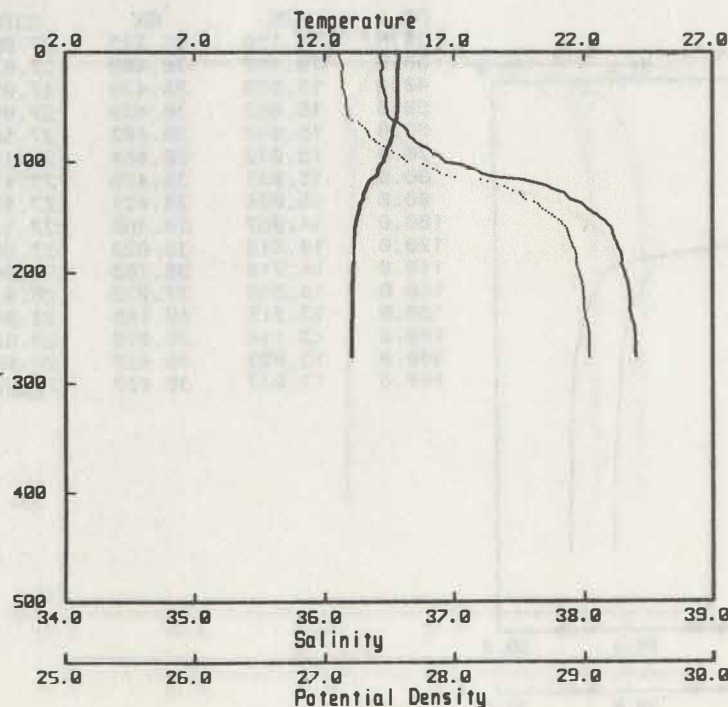
PR	TE	SA	SGTH
10.0	14.684	36.452	27.178
20.0	14.680	36.453	27.180
30.0	14.636	36.520	27.242
40.0	14.563	36.591	27.313
50.0	14.436	36.714	27.438
60.0	14.305	36.873	27.587
70.0	14.224	36.985	27.692
80.0	14.054	37.196	27.892
90.0	13.906	37.362	28.052
100.0	13.784	37.521	28.201
120.0	13.527	37.854	28.514
140.0	13.318	38.078	28.732
160.0	13.178	38.235	28.884
180.0	13.143	38.279	28.926
200.0	13.124	38.305	28.951
300.0	13.030	38.422	29.064



STATION GB1160 : 35 30.1 N 4 59.8 W 13/ 4/86 841Z 276/ 289m

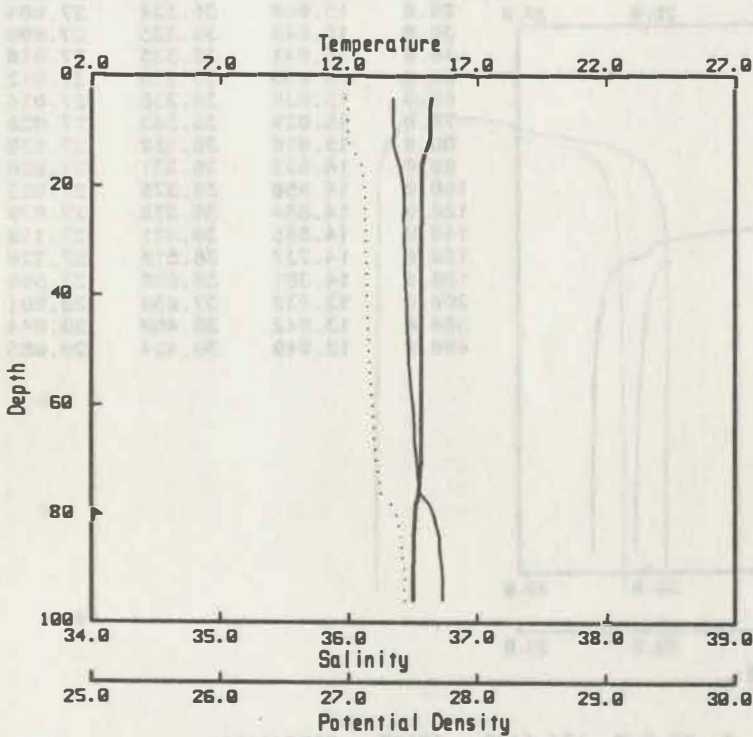
Day: 103.35 SST: 14.7 Tdry: 11.3 RH: 64.0 Wspd: .5 CTD #: 5  
 13 APR 86 NAB POS:SHL/RAD Km E and N of Tarifa: 57.1km -55.4km  
 V-1.

PR	TE	SA	SGTH
2.0	14.900	36.430	27.113
10.0	14.875	36.447	27.132
20.0	14.857	36.442	27.133
30.0	14.858	36.450	27.139
40.0	14.839	36.475	27.163
50.0	14.838	36.481	27.168
60.0	14.814	36.504	27.191
70.0	14.679	36.629	27.318
80.0	14.597	36.695	27.387
90.0	14.431	36.823	27.522
100.0	14.305	36.942	27.642
120.0	13.688	37.663	28.332
140.0	13.387	38.001	28.658
160.0	13.183	38.210	28.864
180.0	13.127	38.276	28.927
200.0	13.104	38.317	28.964



STATION GB1161 : 35 13.4 N 4 28.9 W 13/ 4/86 1241Z 95/ 102m

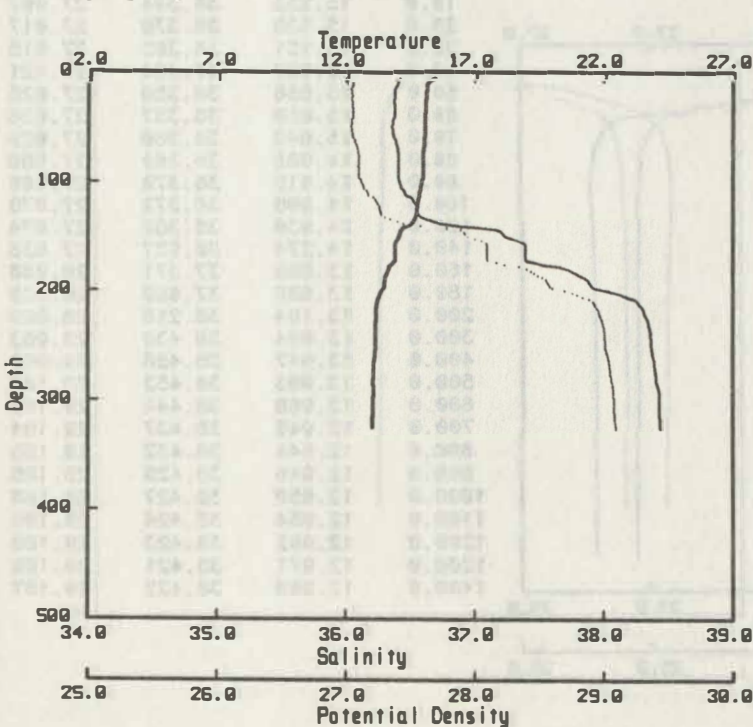
Day: 103.52 SST: 15.5 Tdry: 14.4 RH: 54.7 Wapd: 6.0 CTD # : 5  
 13 APR 86 SS POS:SHL/SATNAV Km E and N of Tarif a: 103.7km -86.3km  
 IV-1



PR	TE	SA	SGTH
10.0	15.158	36.352	26.996
20.0	14.841	36.427	27.125
30.0	14.826	36.431	27.131
40.0	14.826	36.446	27.143
50.0	14.826	36.464	27.158
60.0	14.821	36.500	27.187
70.0	14.817	36.532	27.213
80.0	14.569	36.661	27.367
90.0	14.513	36.726	27.430

STATION GB1162 : 35 19.8 N 4 29.9 W 13/ 4/86 1344Z 324/ 370m

Day: 103.56 SST: 15.2 Tdry: 14.2 RH: 48.0 Wapd: 6.0 CTD # : 5  
 13 APR 86 SS POS:SHL/SATNAV Km E and N of Tarif a: 102.2km -74.4km  
 IV-2

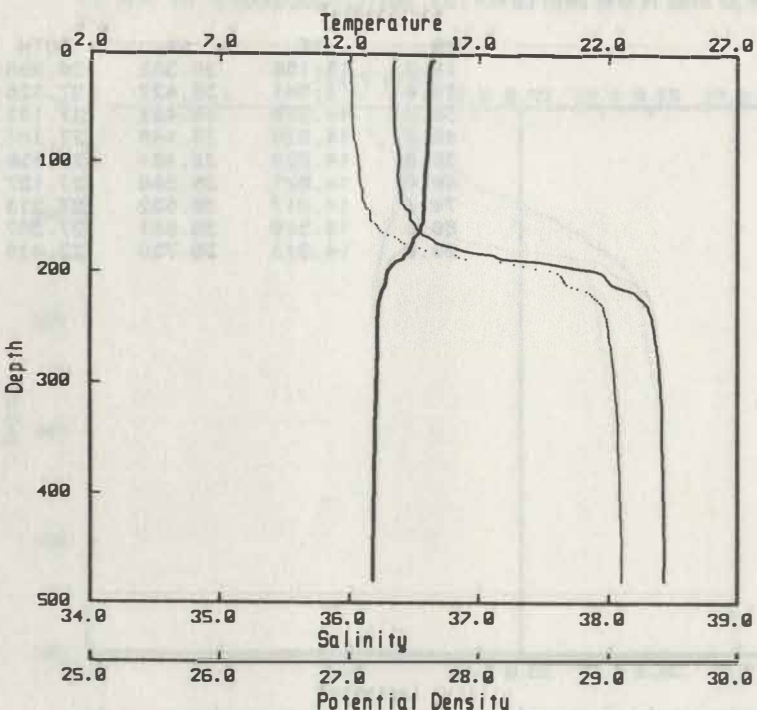


PR	TE	SA	SGTH
10.0	15.085	36.387	27.039
20.0	15.036	36.363	27.032
30.0	15.016	36.361	27.035
40.0	15.004	36.363	27.040
50.0	14.994	36.341	27.026
60.0	14.977	36.356	27.041
70.0	14.934	36.387	27.075
80.0	14.921	36.391	27.081
90.0	14.912	36.392	27.084
100.0	14.864	36.403	27.104
120.0	14.704	36.525	27.234
140.0	14.350	36.853	27.565
160.0	13.834	37.381	28.084
180.0	13.584	37.707	28.390
200.0	13.332	38.020	28.686
300.0	12.988	38.415	29.067

STATION GB1163 : 35 29.9 N 4 31.7 W 13/ 4/86 1540Z 480/ 485m

Day: 103.64 SST: 15.4 Tdry: 13.3 RH: 43.0 Wspd: 4.0 CTD #: 5  
 14 APR 86 SS POS:SHL/SATNAV Km E and N of Tarifa: 99.4km -55.8km  
 IV-3

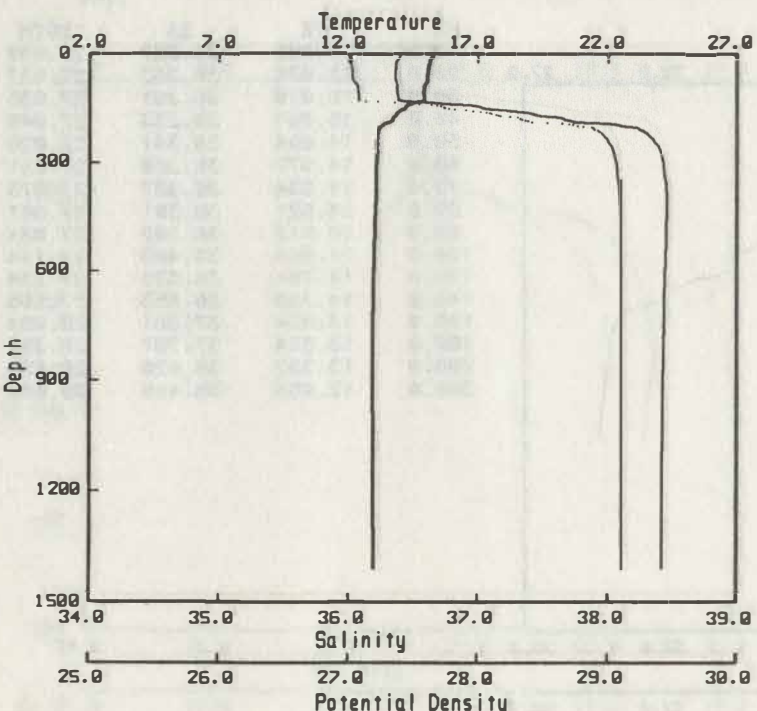
PR	TE	SA	SGTH
10.0	15.115	36.335	26.993
20.0	15.060	36.334	27.004
30.0	15.049	36.335	27.008
40.0	15.041	36.335	27.010
50.0	15.038	36.336	27.012
60.0	15.036	36.338	27.014
70.0	15.029	36.343	27.020
80.0	15.016	36.352	27.030
90.0	14.992	36.371	27.050
100.0	14.950	36.375	27.063
120.0	14.884	36.376	27.079
140.0	14.865	36.421	27.119
160.0	14.737	36.515	27.220
180.0	14.301	36.870	27.590
200.0	13.438	37.939	28.601
300.0	13.042	38.400	29.044
400.0	12.949	38.424	29.085



STATION GB1164 : 35 39.4 N 4 27.0 W 13/ 4/86 1710Z 1407/1411m

Day: 103.71 SST: 15.2 Tdry: 13.2 RH: 64.0 Wspd: 6.0 CTD #: 5  
 14 APR 86. SRR POS:SHL/SATNA Km E and N of Tarifa: 106.3km -38.1km  
 IV-4 . POSITION IS SAT FIX WHILE ON STATION.

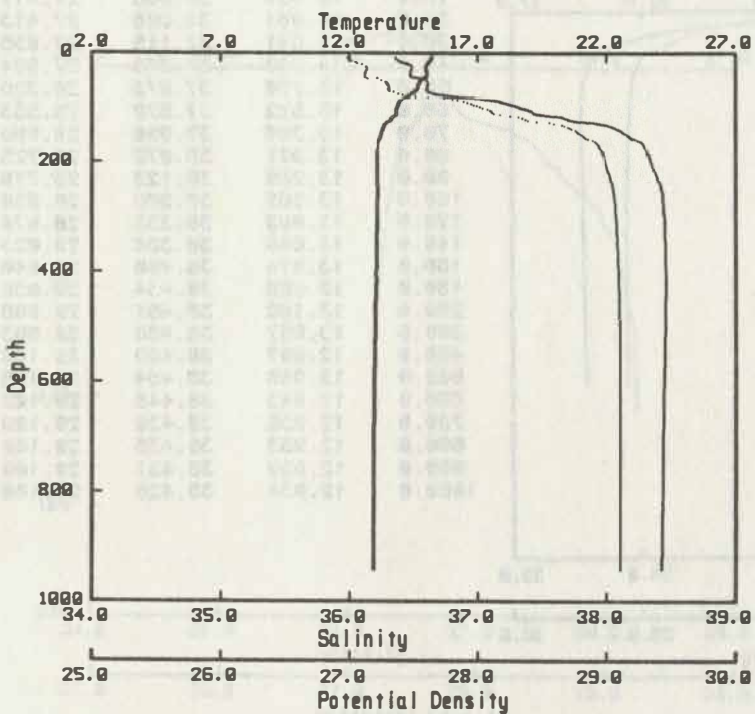
PR	TE	SA	SGTH
10.0	15.253	36.394	27.007
20.0	15.130	36.370	27.017
30.0	15.121	36.365	27.015
40.0	15.087	36.363	27.021
50.0	15.056	36.358	27.025
60.0	15.050	36.357	27.026
70.0	15.049	36.360	27.029
80.0	14.986	36.369	27.050
90.0	14.919	36.370	27.066
100.0	14.908	36.372	27.070
120.0	14.930	36.382	27.074
140.0	14.274	36.927	27.638
160.0	13.885	37.371	28.066
180.0	13.686	37.669	28.339
200.0	13.184	38.216	28.869
300.0	13.064	38.430	29.063
400.0	13.047	38.456	29.090
500.0	13.003	38.453	29.100
600.0	12.968	38.444	29.103
700.0	12.949	38.437	29.104
800.0	12.944	38.432	29.105
900.0	12.946	38.429	29.105
1000.0	12.950	38.427	29.106
1100.0	12.954	38.424	29.106
1200.0	12.962	38.423	29.106
1300.0	12.971	38.421	29.106
1400.0	12.986	38.422	29.107





STATION GB1165 : 35 49.5 N 4 29.4 W 13/ 4/86 1938Z 941/1300m

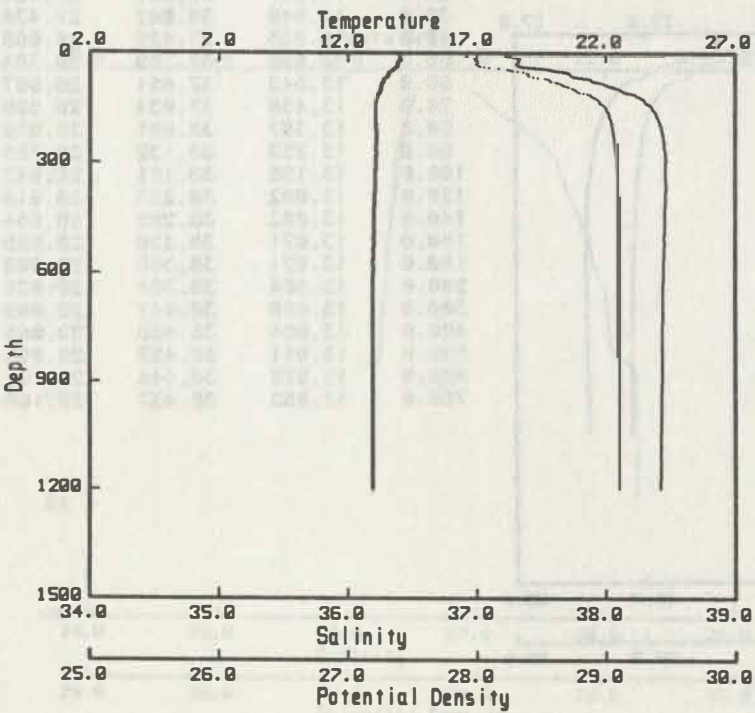
Day: 103.81 SST: 14.8 Tdry: 13.0 RH: 69.2 Wspd: 6.0 CTD #: 5  
 14 APR 86 SS POS:SHL/SATNAV Km E and N of Tarifa: 102.6km -19.4km  
 IV-5 INTERRUPTED OUR PARTY.....



PR	TE	SA	SGTH
10.0	15.225	36.360	26.987
20.0	15.035	36.452	27.101
30.0	15.005	36.482	27.131
40.0	15.020	36.474	27.122
50.0	14.759	36.604	27.280
60.0	14.674	36.609	27.303
70.0	14.505	36.614	27.344
80.0	14.198	36.876	27.613
90.0	13.940	37.202	27.921
100.0	13.868	37.335	28.040
120.0	13.633	37.700	28.373
140.0	13.294	38.105	28.758
160.0	13.131	38.259	28.912
180.0	13.090	38.313	28.963
200.0	13.085	38.347	28.991
300.0	13.082	38.450	29.075
400.0	13.042	38.459	29.093
500.0	12.999	38.458	29.103
600.0	12.964	38.446	29.105
700.0	12.946	38.439	29.107
800.0	12.941	38.435	29.108
900.0	12.939	38.430	29.107

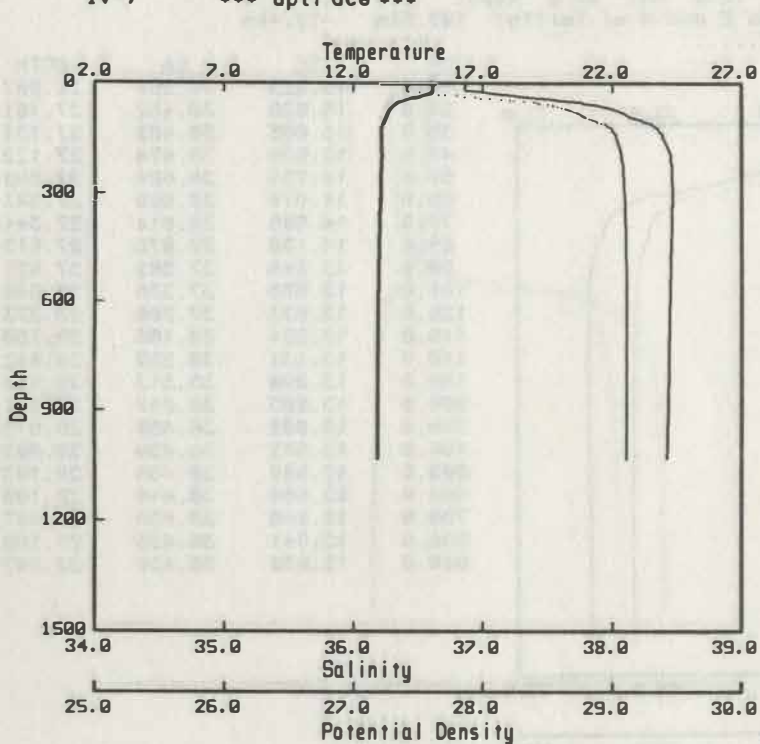
STATION GB1166 : 36 1.3 N 4 31.1 W 13/ 4/86 2236Z 1200/1220m

Day: 103.93 SST: 14.1 Tdry: 13.2 RH: 73.2 Wspd: 10.0 CTD #: 5  
 14 APR 86. SRR POS:SHL/SATNAKm E and N of Tarifa: 99.9km 2.4km  
 IV-6



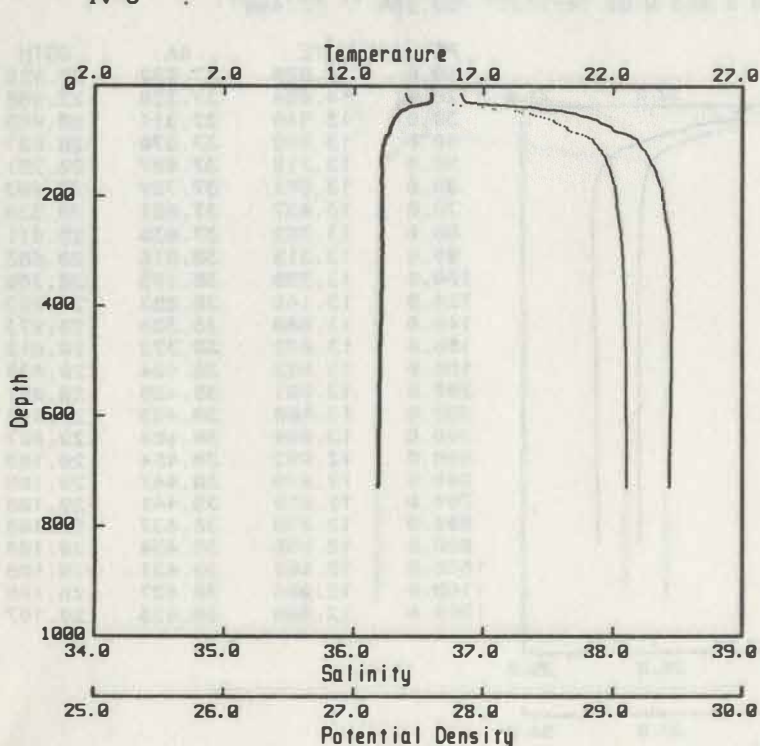
PR	TE	SA	SGTH
10.0	14.020	37.232	27.925
20.0	14.064	37.326	27.988
30.0	13.940	37.311	28.003
40.0	13.902	37.370	28.057
50.0	13.715	37.607	28.281
60.0	13.581	37.727	28.403
70.0	13.437	37.851	28.529
80.0	13.362	37.935	28.611
90.0	13.315	38.016	28.683
100.0	13.280	38.105	28.760
120.0	13.146	38.253	28.903
140.0	13.080	38.324	28.973
160.0	13.072	38.372	29.012
180.0	13.082	38.404	29.036
200.0	13.091	38.426	29.051
300.0	13.086	38.463	29.084
400.0	13.044	38.464	29.097
500.0	12.992	38.454	29.103
600.0	12.970	38.447	29.105
700.0	12.959	38.441	29.106
800.0	12.958	38.437	29.106
900.0	12.958	38.434	29.106
1000.0	12.962	38.431	29.106
1100.0	12.964	38.427	29.106
1200.0	12.960	38.423	29.107

STATION GB1167 : 36 9.6 N 4 29.9 W 14/ 4/86 57Z 1034/1054m

Day: 104.02 SST: 14.7 Tdr y: 12.8 RH: 75.8 Wspd: 18.0 CTD #: 5  
14 APR 86. SRR. POS:SHL/SATNKm E an dN of Tar if a:101.7km 17.8km  
IV-7 \*\*\* uptrace \*\*\*

PR	TE	SA	SGTH
2.0	15.056	36.861	27.411
10.0	15.054	36.868	27.417
20.0	15.061	36.865	27.413
30.0	14.841	37.115	27.655
40.0	14.269	37.378	27.984
50.0	13.770	37.673	28.320
60.0	13.522	37.879	28.533
70.0	13.396	37.996	28.650
80.0	13.321	38.072	28.725
90.0	13.269	38.123	28.776
100.0	13.209	38.209	28.856
120.0	13.093	38.333	28.976
140.0	13.069	38.386	29.023
160.0	13.074	38.408	29.040
180.0	13.088	38.434	29.058
200.0	13.102	38.451	29.068
300.0	13.057	38.466	29.093
400.0	12.997	38.459	29.103
500.0	12.965	38.454	29.108
600.0	12.943	38.445	29.109
700.0	12.935	38.439	29.109
800.0	12.933	38.435	29.109
900.0	12.932	38.431	29.109
1000.0	12.934	38.426	29.108

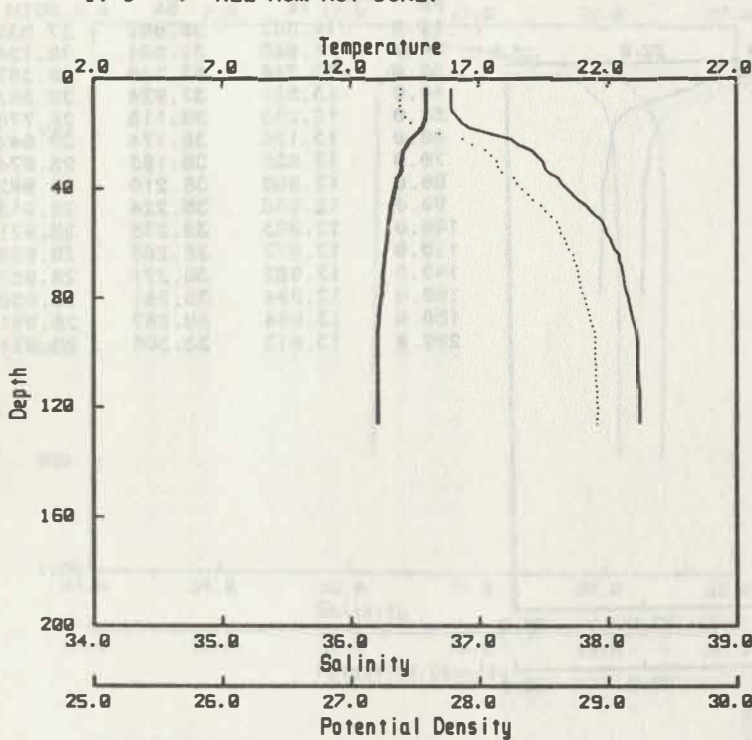
STATION GB1168 : 36 19.7 N 4 29.9 W 14/ 4/86 302Z 729/ 750m

Day: 104.13 SST: 14.6 Tdr y: 13.0 RH: 73.0 Wspd: 6.0 CTD #: 5  
14 APR 86. SRR. POS:SHL/RADAKm E an dN of Tar if a:101.5km 36.5km  
IV-8

PR	TE	SA	SGTH
20.0	14.987	36.831	27.404
30.0	14.949	36.862	27.436
40.0	14.035	37.420	28.068
50.0	13.698	37.709	28.364
60.0	13.542	37.851	28.507
70.0	13.456	37.934	28.590
80.0	13.387	38.001	28.656
90.0	13.253	38.132	28.786
100.0	13.185	38.191	28.847
120.0	13.092	38.253	28.915
140.0	13.062	38.295	28.954
160.0	13.071	38.336	28.985
180.0	13.071	38.366	29.008
200.0	13.084	38.384	29.020
300.0	13.098	38.447	29.069
400.0	13.054	38.455	29.088
500.0	13.011	38.453	29.098
600.0	12.978	38.444	29.101
700.0	12.952	38.437	29.104

STATION GB1169 : 36 30.1 N 4 29.8 W 14/ 4/86 505Z 125/ 135m

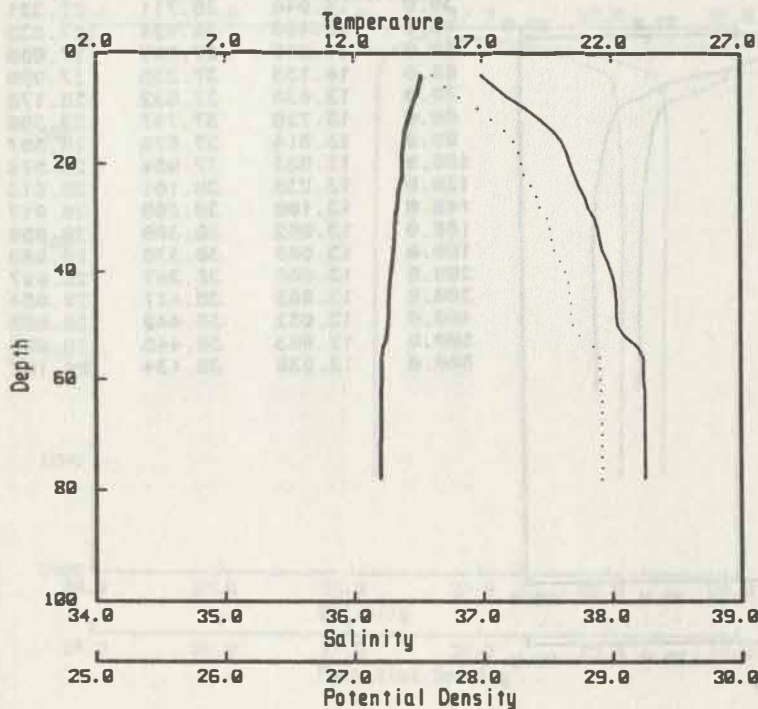
Day : 104.21 SST: 14.2 Tdry: 13.6 RH: .0 Wspd: 4.0 CTD #: 5  
 14 APR 86. SRR POS: SHL/RAD.Km E and N of Tarifa: 101.6km 55.7km  
 IV-9 . REL HUM NOT DONE.



PR	TE	SA	SGTH
10.0	14.911	36.788	27.387
20.0	14.552	37.082	27.693
30.0	13.976	37.500	28.142
40.0	13.717	37.685	28.341
50.0	13.509	37.916	28.564
60.0	13.398	38.036	28.681
70.0	13.279	38.116	28.768
80.0	13.178	38.162	28.825
90.0	13.081	38.211	28.883
100.0	13.059	38.230	28.903
120.0	13.050	38.248	28.920

STATION GB1170 : 36 32.0 N 4 30.1 W 14/ 4/86 540Z 76/ 88m

Day : 104.22 SST: 14.0 Tdry: 12.2 RH: 78.3 Wspd: 8.0 CTD #: 5  
 14 APR 86. SRR POS: SHL/RADAKm E and N of Tarifa: 101.1km 59.3km  
 IV-10 .

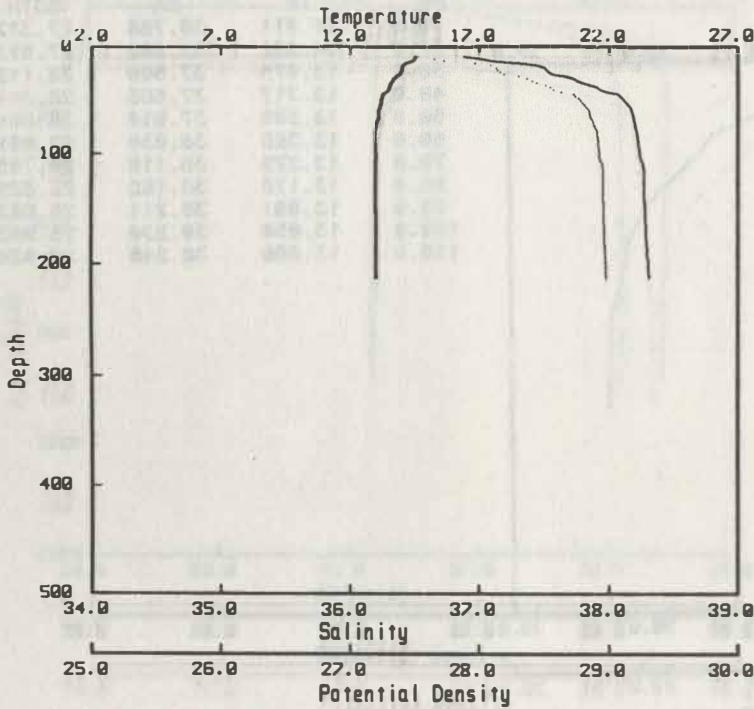


PR	TE	SA	SGTH
10.0	14.242	37.340	27.960
20.0	13.886	37.683	28.302
30.0	13.618	37.868	28.503
40.0	13.448	37.998	28.640
50.0	13.335	38.044	28.700
60.0	13.073	38.246	28.911
70.0	13.047	38.256	28.925



STATION GB1171 : 36 39.9 N 4 .0 W 14/ 4/86 830Z 210/ 222m

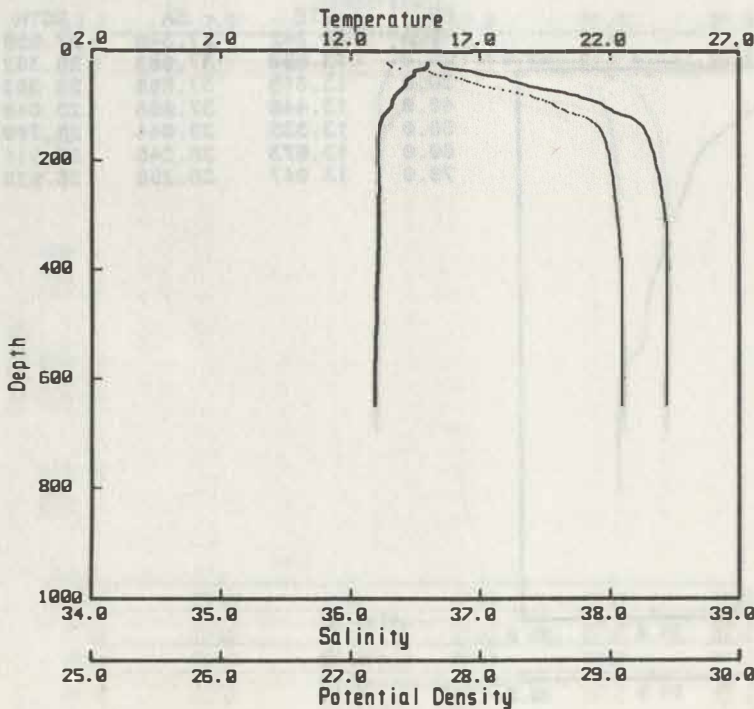
Day: 104.35 SST: 14.4 Tdry: 13.2 RH: 67.5 Wspd: .5 CTD #: 5  
 14 APR 86 NAB POS:SHL/RAD Km E and N of Tarifa: 145.9km 73.9km  
 III-9 BEGIN SECTION III (NORTH TO SOUTH)



PR	TE	SA	SGTH
10.0	14.562	36.882	27.537
20.0	14.025	37.504	28.134
30.0	13.718	37.720	28.367
40.0	13.521	37.924	28.567
50.0	13.233	38.115	28.776
60.0	13.136	38.174	28.842
70.0	13.055	38.193	28.874
80.0	12.988	38.210	28.902
90.0	12.986	38.224	28.913
100.0	12.993	38.235	28.921
120.0	12.977	38.268	28.950
140.0	12.982	38.271	28.952
160.0	12.994	38.281	28.958
180.0	13.004	38.287	28.961
200.0	13.013	38.305	28.974

STATION GB1172 : 36 30.0 N 4 .0 W 14/ 4/86 1010Z 649/ 657m

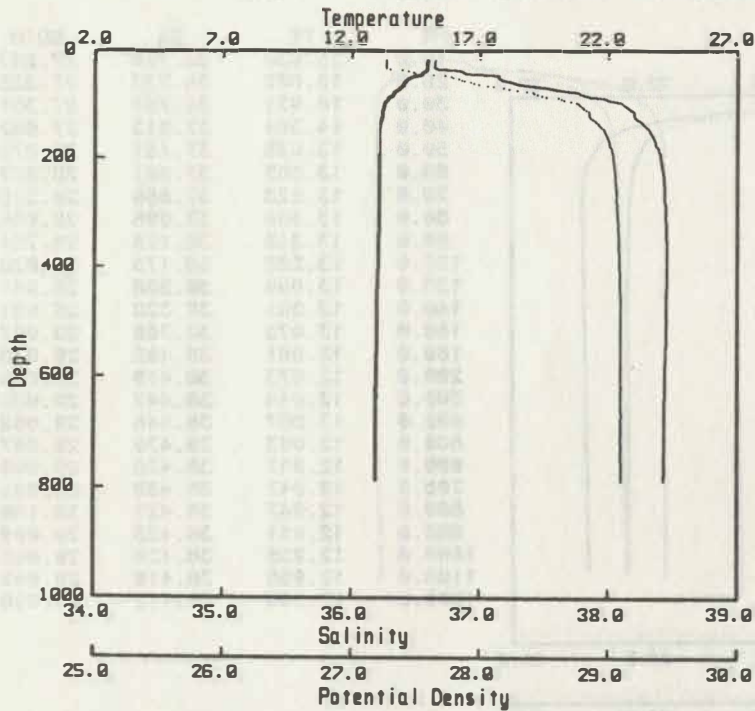
Day: 104.42 SST: 14.8 Tdry: 14.4 RH: 53.4 Wspd: 9.0 CTD #: 5  
 14 APR 86 NAB POS:SHL/RAD Km E and N of Tarifa: 146.1km 55.6km  
 III-8



PR	TE	SA	SGTH
30.0	14.946	36.711	27.321
40.0	14.490	36.984	27.632
50.0	14.260	37.209	27.856
60.0	14.138	37.335	27.980
70.0	13.930	37.532	28.178
80.0	13.726	37.747	28.388
90.0	13.614	37.870	28.507
100.0	13.583	37.954	28.579
120.0	13.238	38.161	28.813
140.0	13.108	38.260	28.917
160.0	13.062	38.300	28.959
180.0	13.060	38.330	28.983
200.0	13.060	38.347	28.997
300.0	13.095	38.427	29.054
400.0	13.052	38.449	29.083
500.0	12.993	38.445	29.096
600.0	12.936	38.434	29.102

STATION GB1173 : 36 19.4 N 4 .8 W 14/ 4/86 1155Z 786/ 790m

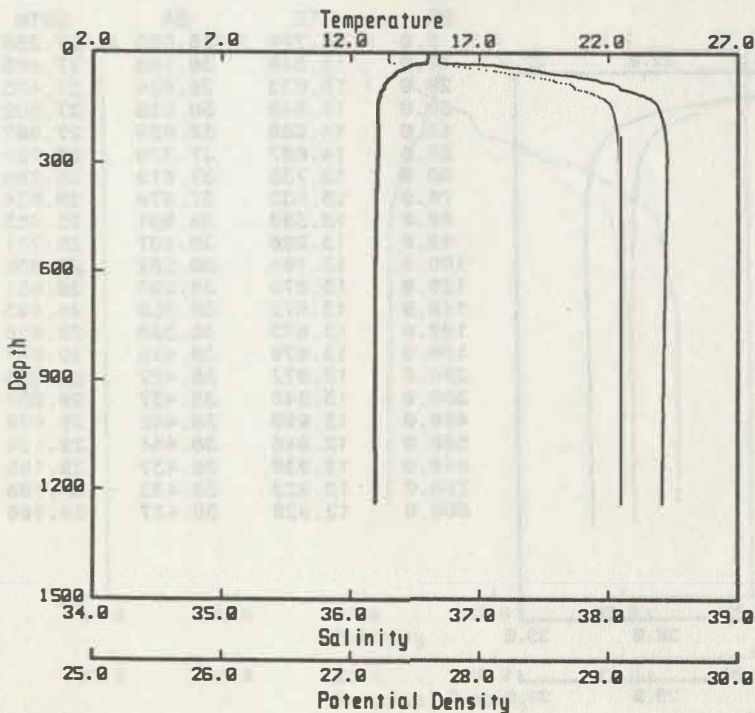
Day: 104.48 SST: 15.0 Tdry: 13.9 RH: 60.2 Wspd: 8.0 CTD #: 5  
 14 APR 86 NAB POS:SHL/SATNAV Km E and N of Tarifa: 145.0km 35.9km  
 III-7 COFFEE ON PRINTER KINDER YOU CLOD



PR	TE	SA	SGTH
20.0	14.958	36.650	27.271
30.0	14.946	36.645	27.270
40.0	14.775	36.872	27.483
50.0	14.316	37.141	27.792
60.0	14.045	37.274	27.953
70.0	13.853	37.575	28.227
80.0	13.617	37.793	28.447
90.0	13.404	37.998	28.651
100.0	13.272	38.127	28.779
120.0	13.192	38.200	28.853
140.0	13.098	38.295	28.947
160.0	13.077	38.352	28.996
180.0	13.078	38.389	29.025
200.0	13.085	38.408	29.039
300.0	13.080	38.447	29.073
400.0	13.048	38.457	29.090
500.0	13.009	38.452	29.098
600.0	12.978	38.444	29.101
700.0	12.965	38.437	29.101

STATION GB1174 : 36 9.9 N 3 59.8 W 14/ 4/86 1330Z 1235/1250m

Day: 104.55 SST: 15.1 Tdry: 14.1 RH: 66.0 Wspd: 2.0 CTD #: 5  
 15 APR 86 SS POS:SHL/SATNAV Km E and N of Tarifa: 146.6km 18.3km  
 III-6 \*\*\* uptrace \*\*\*

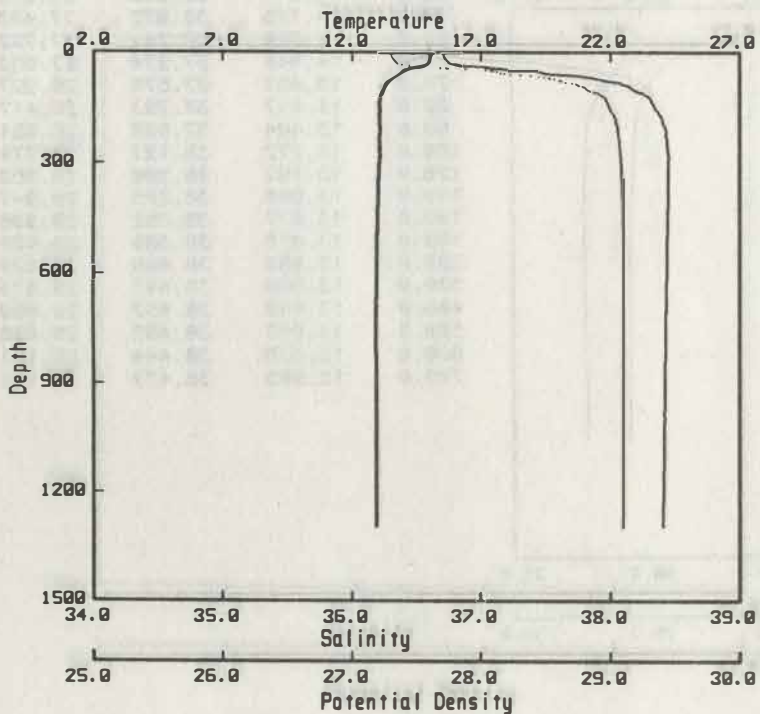


PR	TE	SA	SGTH
2.0	15.008	36.686	27.287
10.0	14.982	36.688	27.294
20.0	14.987	36.688	27.293
30.0	14.938	36.732	27.339
40.0	14.218	37.239	27.888
50.0	13.899	37.468	28.134
60.0	13.745	37.641	28.301
70.0	13.541	37.856	28.511
80.0	13.409	37.978	28.634
90.0	13.311	38.078	28.732
100.0	13.244	38.136	28.792
120.0	13.121	38.308	28.951
140.0	13.065	38.377	29.017
160.0	13.042	38.402	29.042
180.0	13.062	38.417	29.050
200.0	13.065	38.433	29.062
300.0	13.028	38.454	29.089
400.0	12.986	38.452	29.099
500.0	12.963	38.447	29.103
600.0	12.945	38.440	29.105
700.0	12.936	38.434	29.105
800.0	12.935	38.431	29.106
900.0	12.937	38.426	29.105
1000.0	12.941	38.424	29.105
1100.0	12.950	38.421	29.104
1200.0	12.958	38.418	29.103



STATION GB1175 : 35 59.9 N 4 .0 W 14/ 4/86 1538Z 1296/1298m

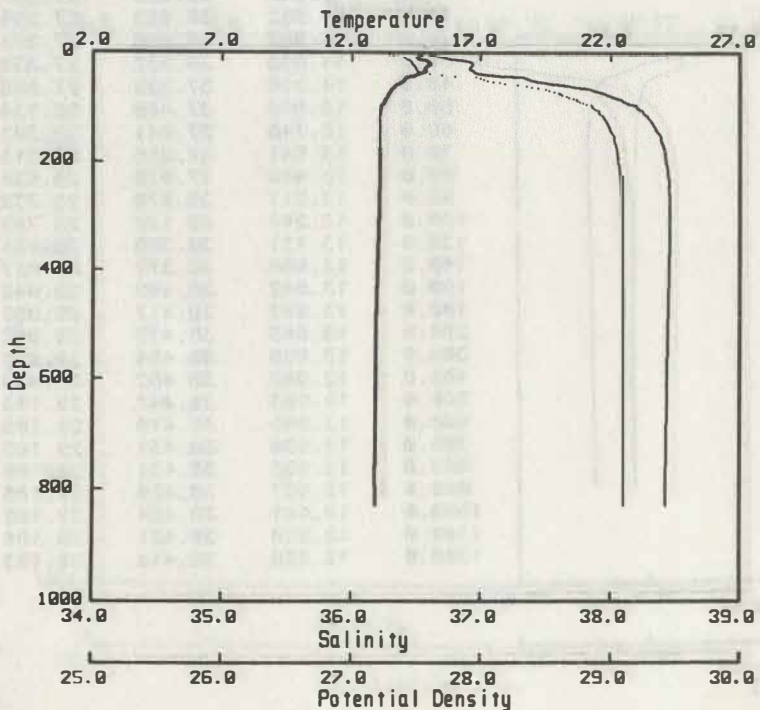
Day: 104.64 SST: 15.2 Tdry: 15.2 RH: 70.0 Wspd: 8.0 CTD #: 5  
 14 APR 86 POS:SHL/SATNAV Km E and N of Tarifa: 146.5km -0.2km  
 III-5 \*\*\* uptrace \*\*\*



PR	TE	SA	SGTH
10.0	15.030	36.706	27.297
20.0	15.002	36.733	27.325
30.0	14.971	36.758	27.351
40.0	14.364	37.013	27.682
50.0	13.938	37.407	28.079
60.0	13.805	37.561	28.227
70.0	13.523	37.869	28.525
80.0	13.386	37.998	28.654
90.0	13.248	38.128	28.784
100.0	13.206	38.170	28.826
120.0	13.096	38.288	28.941
140.0	13.061	38.329	28.981
160.0	13.075	38.366	29.007
180.0	13.061	38.402	29.038
200.0	13.073	38.419	29.050
300.0	13.044	38.447	29.080
400.0	13.007	38.448	29.092
500.0	12.963	38.439	29.097
600.0	12.957	38.436	29.099
700.0	12.947	38.430	29.099
800.0	12.947	38.427	29.100
900.0	12.951	38.423	29.099
1000.0	12.955	38.420	29.099
1100.0	12.958	38.416	29.099
1200.0	12.960	38.412	29.098

STATION GB1176 : 35 49.9 N 4 .1 W 14/ 4/86 1743Z 829/ 845m

Day: 104.73 SST: 14.9 Tdry: 13.9 RH: 78.2 Wspd: 4.0 CTD #: 5  
 14 AP 86 ACC POS:SAT/NAV Km E and N of Tarifa: 146.5km -18.7km  
 III-4

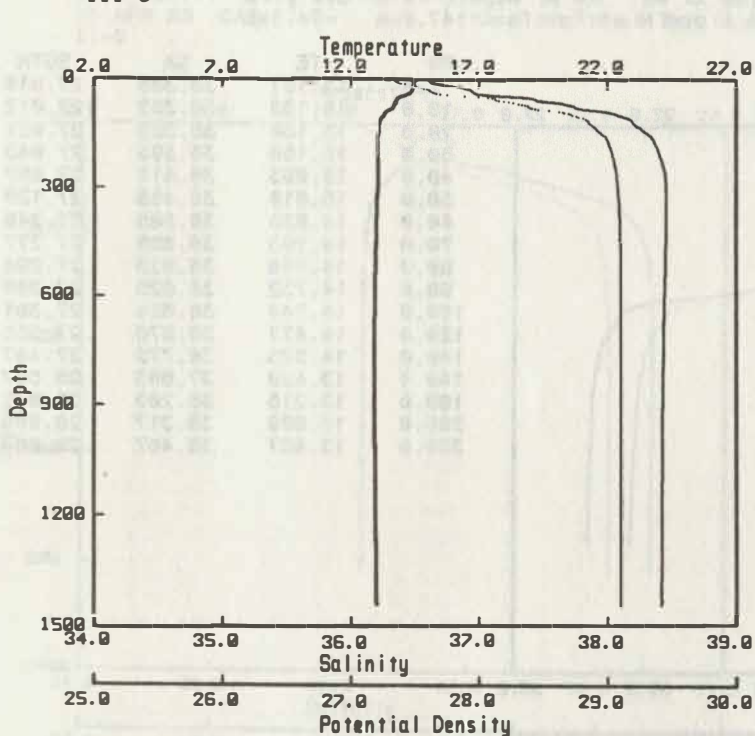


PR	TE	SA	SGTH
2.0	14.720	36.595	27.280
10.0	14.540	36.705	27.405
20.0	15.033	36.934	27.473
30.0	14.849	36.918	27.502
40.0	14.606	36.984	27.607
50.0	14.067	37.370	28.022
60.0	13.738	37.619	28.286
70.0	13.532	37.870	28.524
80.0	13.393	38.001	28.655
90.0	13.280	38.107	28.761
100.0	13.164	38.202	28.859
120.0	13.079	38.296	28.951
140.0	13.072	38.350	28.995
160.0	13.075	38.390	29.026
180.0	13.079	38.418	29.047
200.0	13.077	38.427	29.055
300.0	13.048	38.457	29.087
400.0	12.990	38.452	29.099
500.0	12.946	38.444	29.104
600.0	12.930	38.437	29.105
700.0	12.923	38.432	29.106
800.0	12.920	38.427	29.106



STATION GB1177 : 35 39.9 N 4 .4 W 14/ 4/86 1928Z 1444/1456m

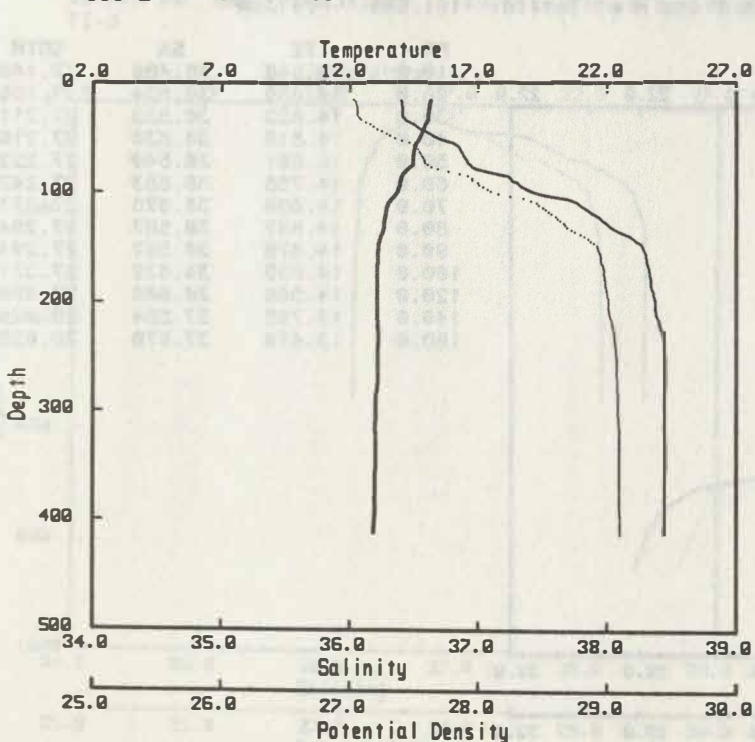
Day: 104.80 SST: 14.5 Tdry: 14.3 RH: 82.0 Wspd: 2.0 CTD #: 5  
 14 AP 86 ACC POS:SATNAV/BRIDKm E and N of Tarifa: 146.2km -37.2km  
 III-3



PR	TE	SA	SGTH
10.0	14.430	36.635	27.375
20.0	14.430	36.819	27.517
30.0	14.414	36.938	27.613
40.0	14.283	36.978	27.673
50.0	13.861	37.381	28.075
60.0	13.760	37.508	28.195
70.0	13.712	37.708	28.360
80.0	13.631	37.792	28.443
90.0	13.391	38.018	28.669
100.0	13.296	38.119	28.768
120.0	13.130	38.207	28.871
140.0	13.120	38.289	28.937
160.0	13.071	38.352	28.997
180.0	13.077	38.382	29.020
200.0	13.073	38.404	29.038
300.0	13.065	38.454	29.082
400.0	13.014	38.457	29.097
500.0	12.978	38.452	29.104
600.0	12.957	38.444	29.105
700.0	12.944	38.438	29.106
800.0	12.940	38.433	29.106
900.0	12.941	38.430	29.107
1000.0	12.948	38.427	29.106
1100.0	12.955	38.425	29.106
1200.0	12.963	38.423	29.106
1300.0	12.975	38.421	29.105
1400.0	12.987	38.419	29.105

STATION GB1178 : 35 30.2 N 4 .0 W 14/ 4/86 2121Z 412/ 427m

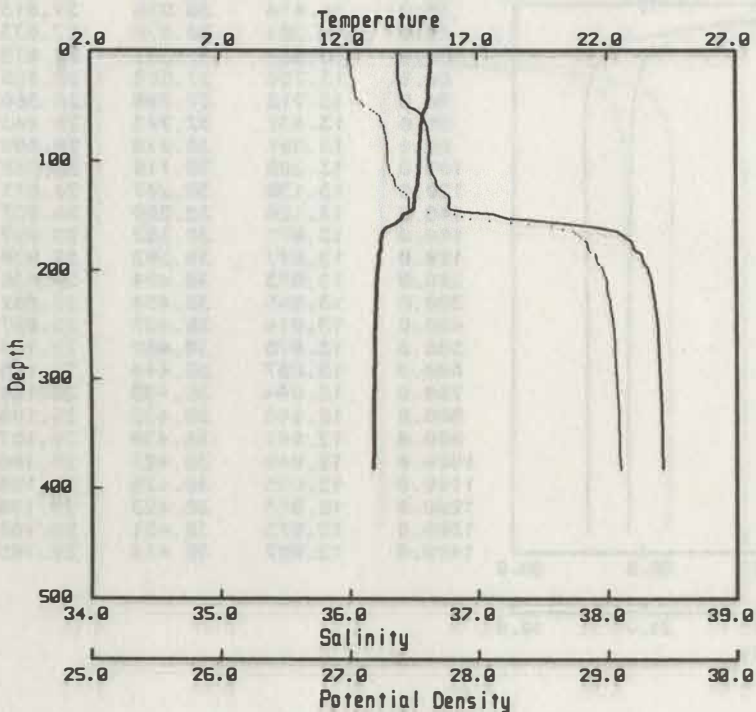
Day: 104.88 SST: 15.1 Tdry: 14.9 RH: 79.2 Wspd: 4.0 CTD #: 5  
 14 AP 86 ACC POS:SHL/RADAR Km E and N of Tarifa: 147.0km -55.2km  
 III-2 SATFIX ODD.



PR	TE	SA	SGTH
20.0	15.124	36.409	27.048
30.0	15.071	36.411	27.062
40.0	14.918	36.529	27.187
50.0	14.733	36.693	27.355
60.0	14.524	36.866	27.534
70.0	14.472	36.915	27.584
80.0	14.154	37.068	27.771
90.0	13.959	37.313	28.003
100.0	13.826	37.476	28.158
120.0	13.391	37.930	28.602
140.0	13.201	38.201	28.852
160.0	13.101	38.305	28.954
180.0	13.089	38.341	28.985
200.0	13.084	38.374	29.013
300.0	13.020	38.448	29.086
400.0	12.965	38.442	29.096

STATION GB1179 : 35 20.0 N 3 59.7 W 14/ 4/86 2247Z 381/ 391m

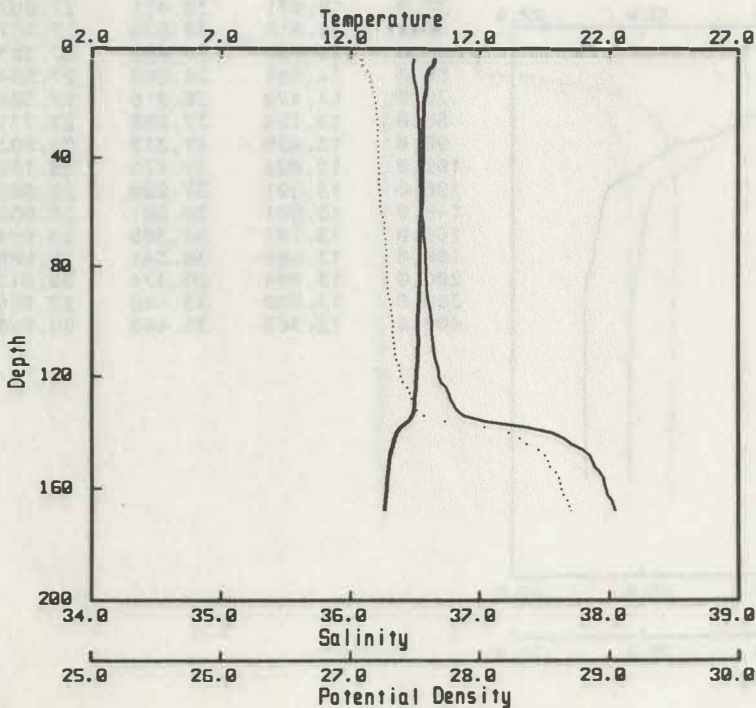
Day: 104.94 SST: 15.0 Tdry: 15.2 RH: 76.9 Wspd: 4.0 CTD #: 5  
 14 AP 86 ACC POS:SHL/RADAR Km E and N of Tarifa: 147.6km -74.1km  
 III-1



PR	TE	SA	SGTH
2.0	15.181	36.385	27.016
10.0	15.188	36.382	27.012
20.0	15.150	36.382	27.021
30.0	15.100	36.395	27.043
40.0	15.093	36.411	27.057
50.0	15.010	36.468	27.120
60.0	14.835	36.585	27.249
70.0	14.793	36.609	27.277
80.0	14.760	36.623	27.296
90.0	14.752	36.625	27.299
100.0	14.744	36.624	27.301
120.0	14.677	36.676	27.356
140.0	14.525	36.776	27.467
160.0	13.428	37.893	28.567
180.0	13.215	38.203	28.852
200.0	13.099	38.317	28.965
300.0	12.957	38.407	29.067

STATION GB1180 : 35 19.9 N 3 30.3 W 15/ 4/86 136Z 187/ 177m

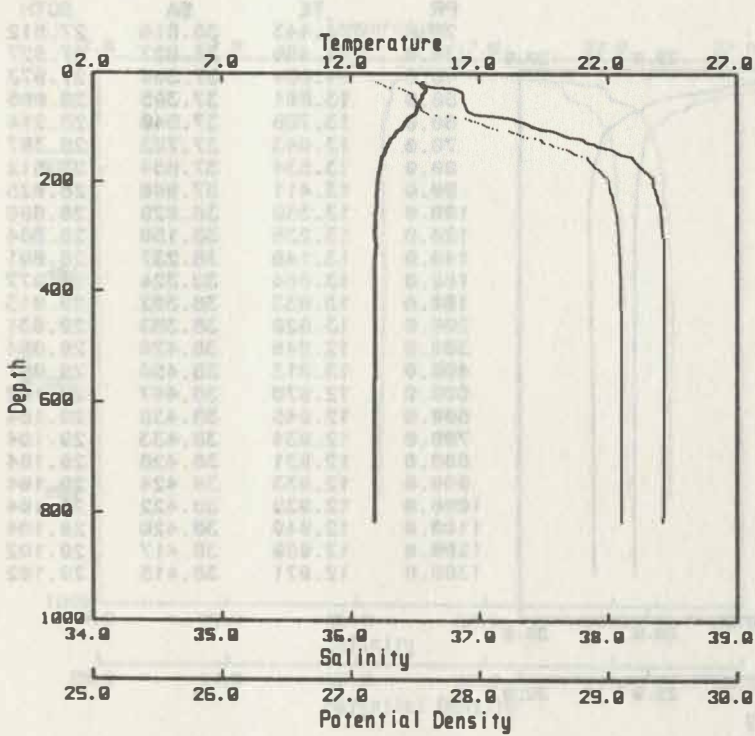
Day: 105.08 SST: 15.2 Tdry: 18.3 RH: 77.3 Wspd: 8.0 CTD #: 5  
 15 APR 88 CAP POS:SHL/RADAR Km E and N of Tarifa: 191.8km -74.3km  
 II-1 TOOK US BY SURPRISE.



PR	TE	SA	SGTH
10.0	14.948	36.489	27.148
20.0	14.858	38.524	27.196
30.0	14.823	38.533	27.211
40.0	14.810	36.538	27.216
50.0	14.801	36.540	27.222
60.0	14.755	36.553	27.242
70.0	14.696	36.576	27.273
80.0	14.687	36.587	27.284
90.0	14.678	36.597	27.294
100.0	14.835	36.632	27.331
120.0	14.569	36.689	27.390
140.0	13.792	37.554	28.226
160.0	13.418	37.970	28.628

STATION GB1181 : 35 30.0 N 3 29.8 W 15/ 4/86 259Z 814/ 824m

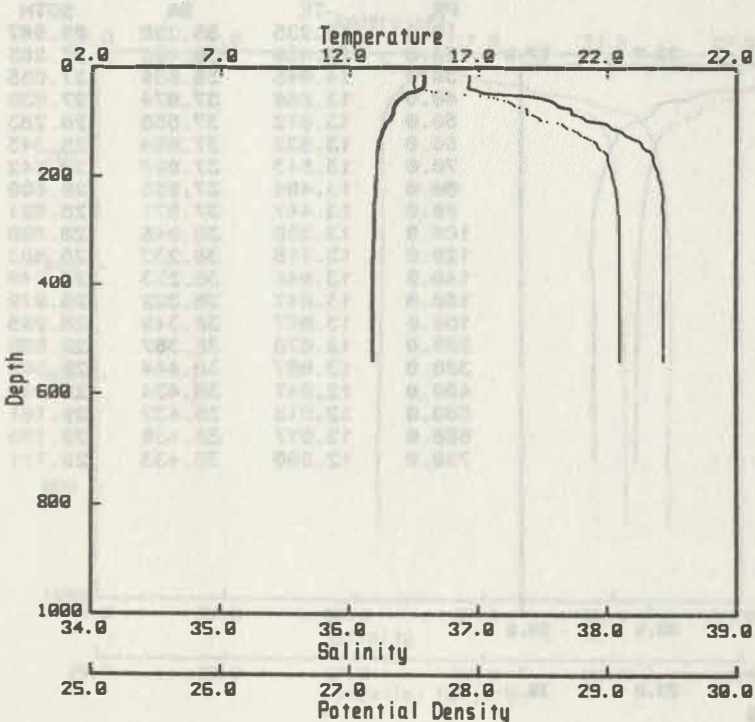
Day: 105.11 SST: 14.5 Tdry: 14.2 RH: 84.4 Wspd: 6.0 CTD #: 5  
 15 APR 86 CAP Km E and N of Tarifa: 192.4km -55.6km  
 II-2



PR	TE	SA	SGTH
20.0	14.737	36.577	27.263
30.0	14.919	36.844	27.429
40.0	14.792	36.874	27.481
50.0	14.677	36.872	27.505
60.0	14.580	36.898	27.547
70.0	14.519	36.937	27.590
80.0	14.229	37.245	27.892
90.0	14.085	37.374	28.023
100.0	13.947	37.481	28.136
120.0	13.530	37.816	28.484
140.0	13.339	38.054	28.709
160.0	13.187	38.209	28.862
180.0	13.100	38.296	28.948
200.0	13.044	38.349	29.001
300.0	12.952	38.426	29.083
400.0	12.939	38.439	29.099
500.0	12.931	38.438	29.103
600.0	12.917	38.432	29.104
700.0	12.913	38.429	29.106
800.0	12.913	38.425	29.106

STATION GB1182 : 35 40.1 N 3 30.0 W 15/ 4/86 502Z 539/ 600m

Day: 105.21 SST: 14.6 Tdry: 13.4 RH: 82.9 Wspd: 20.0 CTD #: 5  
 15 APR 86 CAP POS: SATNAV Km E and N of Tarifa: 191.9km -36.9km  
 II-3

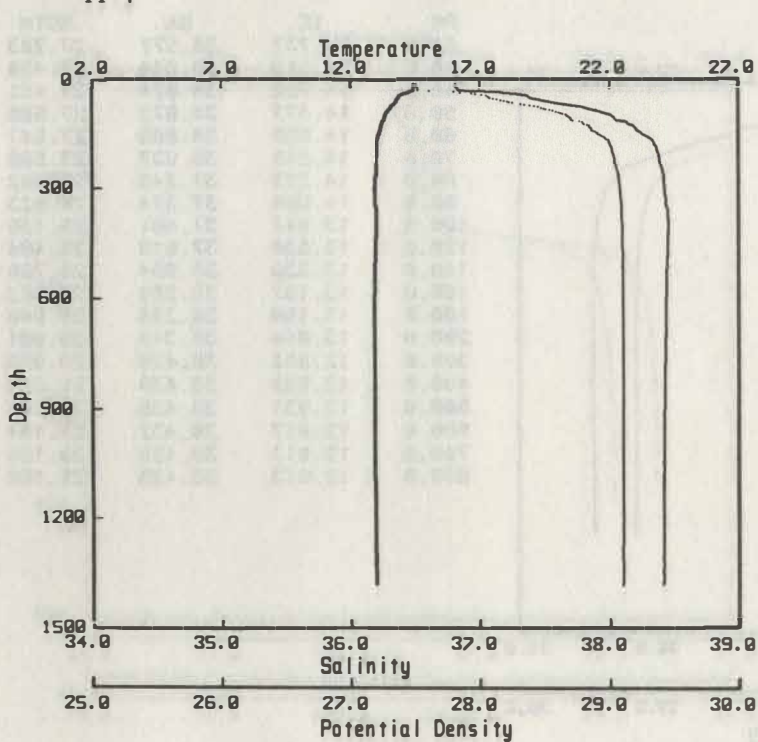


PR	TE	SA	SGTH
20.0	14.884	36.925	27.499
30.0	14.886	36.922	27.497
40.0	14.777	36.935	27.531
50.0	14.154	37.227	27.893
60.0	13.918	37.553	28.196
70.0	13.756	37.619	28.282
80.0	13.701	37.720	28.372
90.0	13.616	37.807	28.458
100.0	13.438	37.962	28.616
120.0	13.258	38.128	28.783
140.0	13.124	38.266	28.919
160.0	13.050	38.350	29.000
180.0	13.040	38.371	29.019
200.0	13.035	38.399	29.042
300.0	12.952	38.436	29.091
400.0	12.917	38.438	29.103
500.0	12.905	38.436	29.107



STATION GB1183 : 35 50.2 N 3 30.1 W 15/ 4/86 655Z 1381/1389m

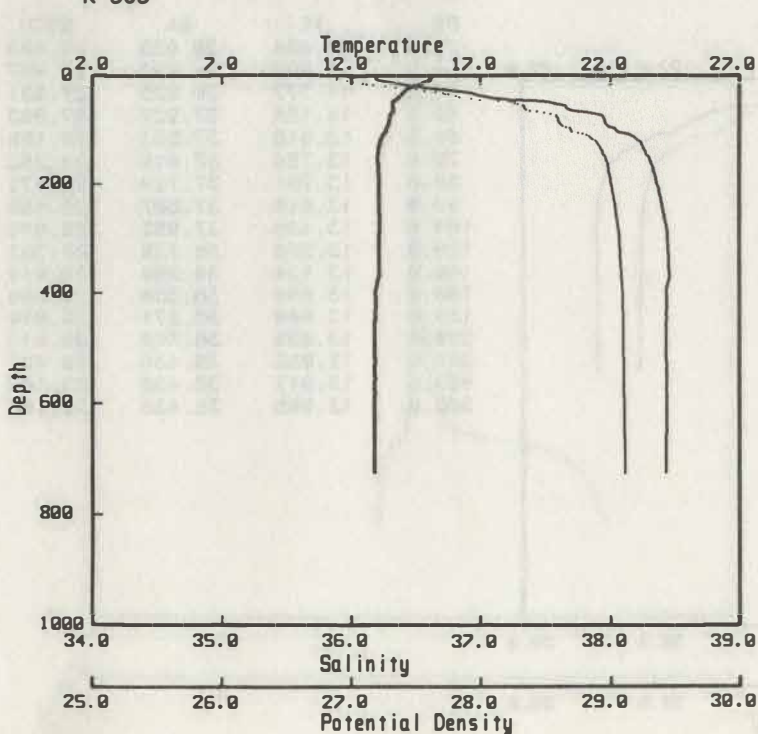
Day: 105.27 SST: 14.3 Tdry: 12.8 RH: 78.5 Wspd: 22.0 CTD #: 5  
 15 APR 86 CAP POS:SHL/SATNAVKm E and N of Tarifa: 191.5km -18.1km  
 II-4



PR	TE	SA	SGTH
20.0	14.443	36.816	27.512
30.0	14.450	36.837	27.527
40.0	14.064	37.306	27.973
50.0	13.861	37.395	28.086
60.0	13.788	37.540	28.214
70.0	13.643	37.723	28.387
80.0	13.534	37.854	28.512
90.0	13.411	37.966	28.625
100.0	13.350	38.029	28.686
120.0	13.238	38.150	28.804
140.0	13.148	38.237	28.891
160.0	13.064	38.324	28.977
180.0	13.033	38.362	29.013
200.0	13.029	38.383	29.031
300.0	12.946	38.426	29.084
400.0	13.013	38.456	29.097
500.0	12.970	38.447	29.102
600.0	12.945	38.439	29.104
700.0	12.934	38.433	29.104
800.0	12.931	38.428	29.104
900.0	12.933	38.424	29.104
1000.0	12.939	38.422	29.104
1100.0	12.949	38.420	29.104
1200.0	12.959	38.417	29.102
1300.0	12.971	38.415	29.102

STATION GB1184 : 36 .6 N 5 14.5 W 15/ 4/86 1922Z 725/ 730m

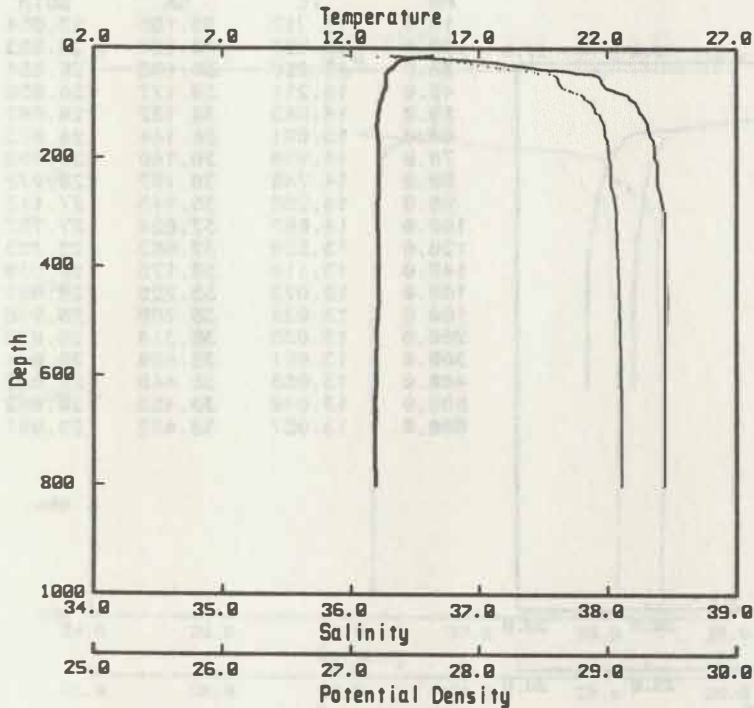
Day: 105.80 SST: 14.9 Tdry: 14.5 RH: 67.0 Wspd: 12.0 CTD #: 5  
 15 AP 86 ACC POS:SHL/RADAR. Km E and N of Tarifa: 34.9km 1.1km  
 K-505



PR	TE	SA	SGTH
10.0	14.935	36.250	26.967
20.0	14.450	36.498	27.265
30.0	14.045	36.889	27.655
40.0	13.856	37.074	27.838
50.0	13.612	37.555	28.263
60.0	13.632	37.664	28.343
70.0	13.543	37.896	28.542
80.0	13.486	37.955	28.600
90.0	13.447	37.971	28.621
100.0	13.356	38.045	28.698
120.0	13.118	38.232	28.893
140.0	13.048	38.273	28.940
160.0	13.047	38.322	28.979
180.0	13.067	38.349	28.996
200.0	13.078	38.367	29.008
300.0	13.087	38.444	29.069
400.0	12.947	38.434	29.093
500.0	12.918	38.432	29.101
600.0	12.917	38.435	29.106
700.0	12.900	38.433	29.111

STATION GB1185 : 35 59.8 N 5 19.2 W 15/ 4/86 2042Z 802/ 880m

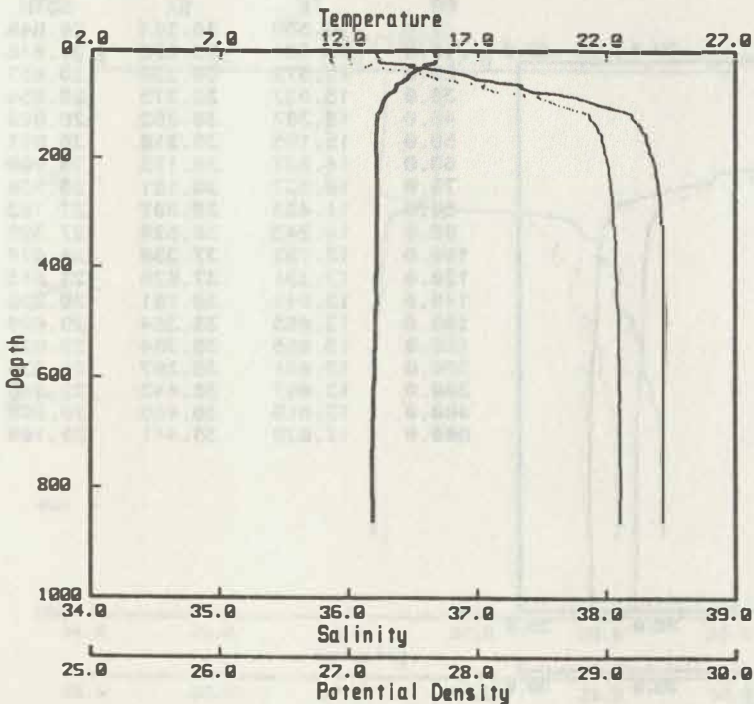
Day: 105.85 SST: 15.2 Tdry: 14.4 RH: 71.0 Wspd: 122.0 CTD #: 5  
 15 AP 86 ACC POS:SHL/RADAR. Km E and N of Tarifa: 27.9km -4km  
 K-601 GOOD LUCK.



PR	TE	SA	SGTH
20.0	14.180	36.784	27.544
30.0	13.736	37.248	27.998
40.0	13.463	37.658	28.374
50.0	13.371	37.930	28.604
60.0	13.379	37.956	28.623
70.0	13.363	37.987	28.650
80.0	13.278	38.112	28.765
90.0	13.216	38.172	28.825
100.0	13.144	38.225	28.882
120.0	13.057	38.276	28.940
140.0	13.019	38.312	28.976
160.0	13.056	38.340	28.991
180.0	13.073	38.363	29.006
200.0	13.075	38.368	29.010
300.0	13.062	38.435	29.067
400.0	13.074	38.457	29.085
500.0	13.036	38.459	29.097
600.0	12.975	38.449	29.105
700.0	12.941	38.440	29.108
800.0	12.952	38.437	29.107

STATION GB1186 : 35 59.2 N 5 23.1 W 15/ 4/86 2210Z 860/ 870m

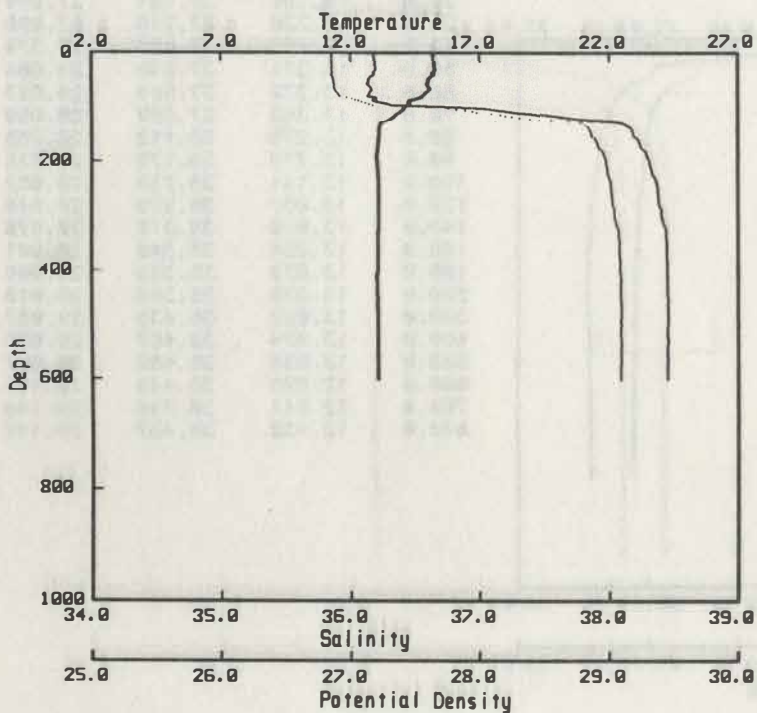
Day: 105.92 SST: 15.1 Tdry: 13.2 RH: 75.8 Wspd: 2.7 CTD #: 5  
 15 AP 86 ACC POS:SHL/RADAR Km E and N of Tarifa: 21.9km -1.4km  
 K-602 \*\*\* uptrace \*\*\*



PR	TE	SA	SGTH
2.0	15.323	36.207	26.847
10.0	15.356	36.223	26.852
20.0	15.360	36.232	26.859
30.0	14.980	36.467	27.125
40.0	14.467	36.810	27.503
50.0	14.270	36.973	27.672
60.0	13.951	37.248	27.953
70.0	13.804	37.372	28.081
80.0	13.545	37.657	28.357
90.0	13.365	37.829	28.528
100.0	13.301	37.944	28.631
120.0	13.114	38.202	28.871
140.0	13.080	38.268	28.929
160.0	13.062	38.310	28.966
180.0	13.060	38.332	28.984
200.0	13.076	38.361	29.004
300.0	13.090	38.424	29.053
400.0	13.071	38.444	29.076
500.0	13.037	38.460	29.098
600.0	12.997	38.452	29.103
700.0	12.933	38.437	29.108
800.0	12.916	38.434	29.112

STATION GB1187 : 35 57.7 N 5 31.4 W 16/ 4/86 26Z 602/ 652m

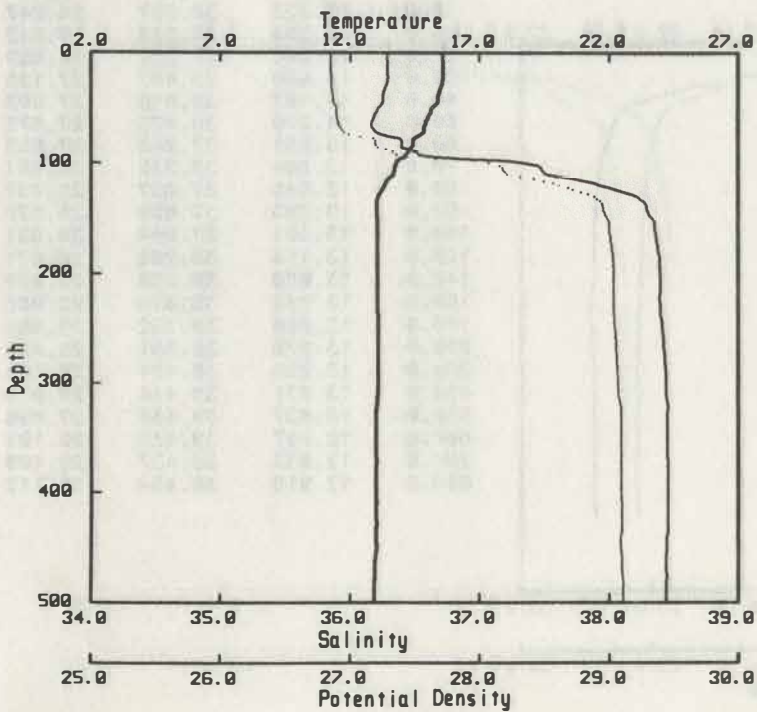
Day: 106.01 SST: 15.1 Tdry: 13.7 RH: 79.6 Wspd: 8.0 CTD #: 5  
 16 AP 86 ACC POS:SHL/RADAR Km E and N of Tarifa: 9.6km -4.3km  
 K-603



PR	TE	SA	SGTH
10.0	15.217	36.185	26.854
20.0	15.226	36.186	26.853
30.0	15.250	36.193	26.854
40.0	15.211	36.177	26.850
50.0	14.983	36.132	26.867
60.0	15.001	36.144	26.873
70.0	14.950	36.149	26.888
80.0	14.740	36.197	26.972
90.0	14.256	36.243	27.113
100.0	14.067	37.024	27.757
120.0	13.520	37.683	28.383
140.0	13.114	38.175	28.850
160.0	13.073	38.226	28.899
180.0	13.039	38.280	28.948
200.0	13.035	38.316	28.978
300.0	13.091	38.409	29.041
400.0	13.055	38.448	29.082
500.0	13.048	38.455	29.092
600.0	13.057	38.452	29.091

STATION GB1188 : 35 56.5 N 5 35.3 W 16/ 4/86 146Z 500/ 508m

Day: 106.06 SST: 15.4 Tdry: 14.2 RH: 74.1 Wspd: 8.0 CTD #: 5  
 16 APR 86. SRR POS:SHL/RADAKm E and N of Tarifa: 3.8km -6.5km  
 K-604 \*\*\* up trace \*\*\*

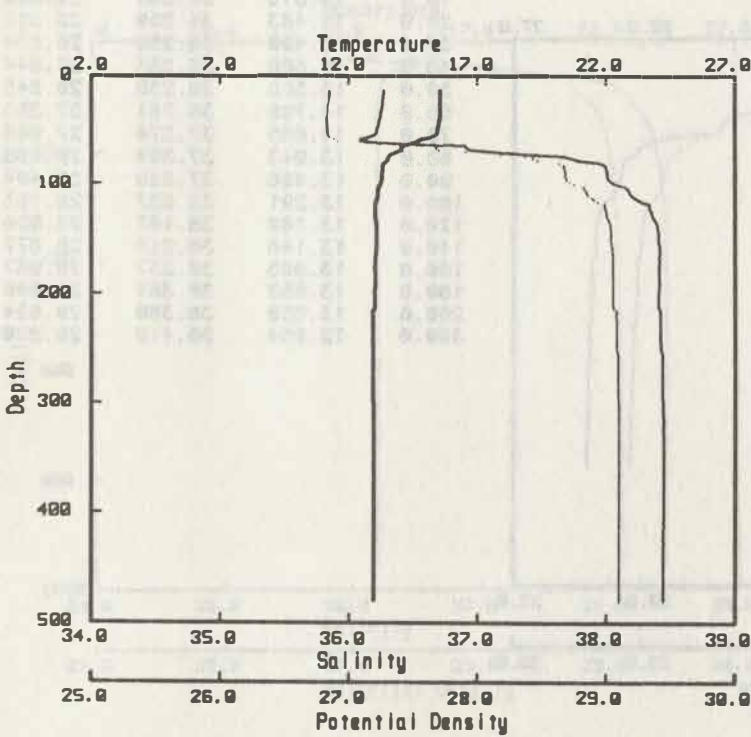


PR	TE	SA	SGTH
2.0	15.580	36.283	26.848
10.0	15.581	36.283	26.848
20.0	15.572	36.285	26.852
30.0	15.527	36.275	26.854
40.0	15.397	36.252	26.866
50.0	15.165	36.216	26.891
60.0	14.987	36.175	26.900
70.0	14.837	36.181	26.938
80.0	14.433	36.397	27.193
90.0	14.243	36.520	27.329
100.0	13.782	37.358	28.076
120.0	13.331	37.928	28.613
140.0	13.041	38.291	28.955
160.0	13.065	38.354	29.000
180.0	13.056	38.384	29.026
200.0	13.061	38.397	29.035
300.0	13.087	38.442	29.068
400.0	13.018	38.455	29.095
500.0	12.928	38.441	29.106



STATION GB1189 : 35 55.0 N 5 42.2 W 16/ 4/86 316Z 478/ 485m

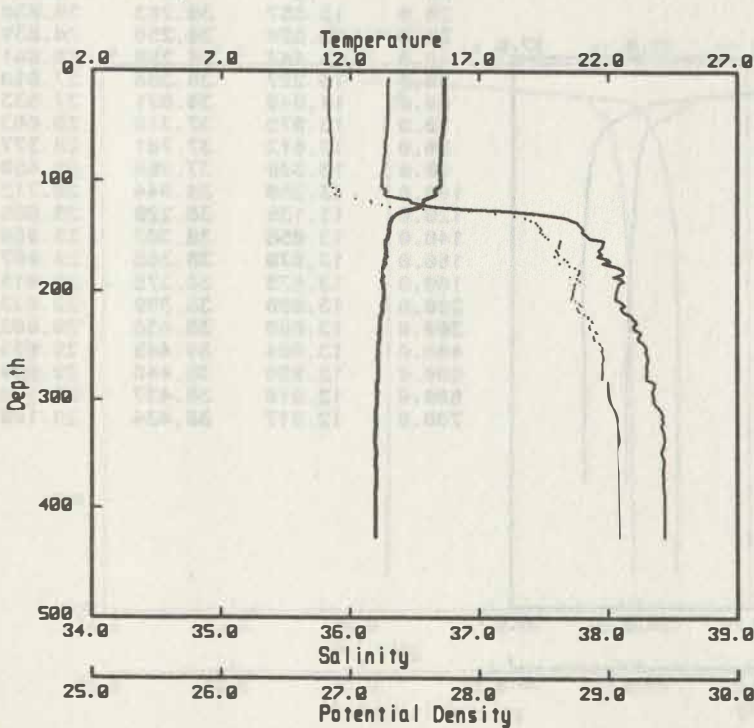
Day: 106.13 SST: 15.1 Tdry: 13.9 RH: 71.7 Wspd: 10.0 CTD #: 5  
 16 APR 86. SRR POS:SHL/RADARkm E and N of Tarifa: -6.6km  
 K-605 -9.3km



PR	TE	SA	SGTH
20.0	15.529	36.264	26.845
30.0	15.540	36.253	26.835
40.0	15.502	36.236	26.830
50.0	15.428	36.214	26.831
60.0	14.594	36.081	26.913
70.0	13.781	37.142	27.908
80.0	13.324	37.958	28.636
90.0	13.284	38.012	28.687
100.0	13.228	38.084	28.755
120.0	13.029	38.336	28.992
140.0	13.069	38.402	29.036
160.0	13.060	38.418	29.050
180.0	13.033	38.413	29.053
200.0	13.009	38.409	29.055
300.0	12.953	38.443	29.096
400.0	12.961	38.445	29.099

STATION GB1190 : 35 53.9 N 5 47.3 W 16/ 4/86 424Z 428/ 436m

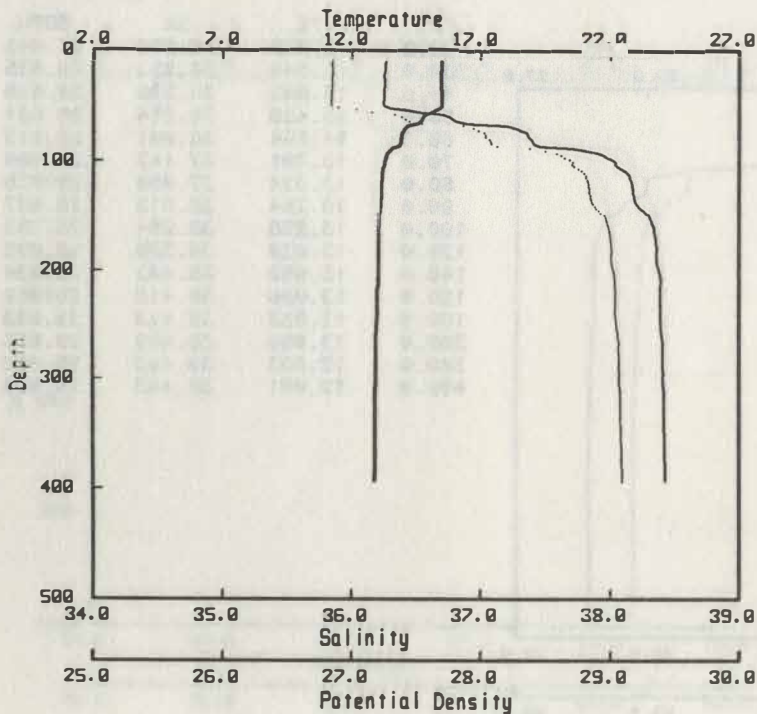
Day: 106.18 SST: 15.1 Tdry: 14.6 RH: 71.6 Wspd: 9.0 CTD #: 5  
 16 APR 88. SRR POS:SHL/RADARkm E and N of Tarifa: -14.2km  
 K-606 -11.3km



PR	TE	SA	SGTH
10.0	15.657	36.292	26.837
20.0	15.665	36.290	26.834
30.0	15.666	36.289	26.834
40.0	15.658	36.289	26.836
50.0	15.611	36.286	26.844
60.0	15.554	36.278	26.852
70.0	15.526	36.270	26.852
80.0	15.510	36.263	26.851
90.0	15.491	36.251	26.846
100.0	15.499	36.245	26.840
120.0	14.835	36.471	27.163
140.0	13.530	37.777	28.455
160.0	13.384	37.952	28.621
160.0	13.236	38.117	28.781
200.0	13.296	38.065	28.729
300.0	13.037	38.346	29.004
400.0	12.964	36.436	29.087

STATION GB1191 : 35 55.8 N 5 27.5 W 16/ 4/86 1720Z 395/ 403m

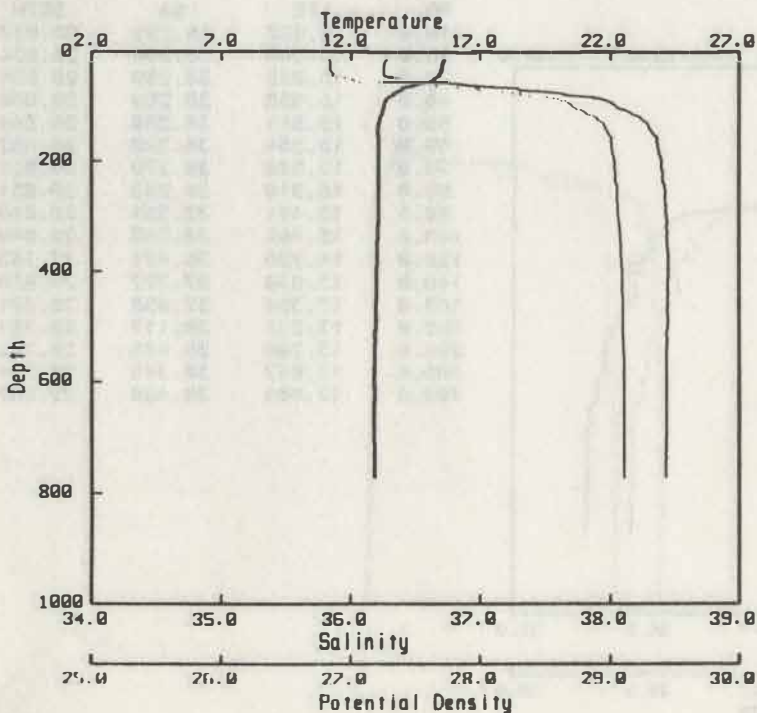
Day : 106.72 SST: 15.6 Tdry : 15.6 RH: 77.0 Wspd: 14.0 CTD #: 5  
 16 APR 86 SS POS:SHL/SATNAV Km E and N of Tarifa: 15.5km -7.8km  
 K-406 START CIRES SECTION



PR	TE	SA	SGTH
10.0	15.516	36.269	26.852
20.0	15.483	36.259	26.852
30.0	15.490	36.258	26.850
40.0	15.500	36.253	26.844
50.0	15.505	36.255	26.845
60.0	14.799	36.761	27.393
70.0	14.085	37.274	27.945
80.0	13.943	37.394	28.068
90.0	13.496	37.820	28.494
100.0	13.291	38.037	28.705
120.0	13.180	38.167	28.830
140.0	13.146	38.218	28.877
160.0	13.065	38.337	28.987
180.0	13.053	38.361	29.008
200.0	13.050	38.380	29.024
300.0	12.954	38.410	29.070

STATION GB1192 : 35 56.9 N 5 27.0 W 16/ 4/86 1757Z 772/ 780m

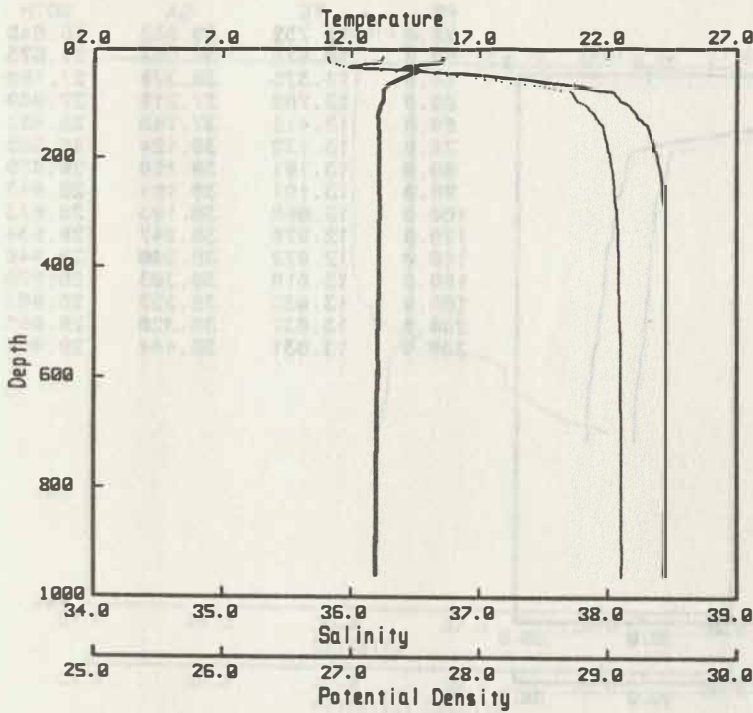
Day : 106.73 SST: 15.4 Tdry : 15.2 RH: 77.8 Wspd: 10.0 CTD #: 5  
 16 APR 86 ACC POS:SHL/RADAR. Km E and N of Tarifa: 16.2km -5.7km  
 K-405



PR	TE	SA	SGTH
20.0	15.557	36.263	26.838
30.0	15.529	36.256	26.839
40.0	15.442	36.258	26.861
50.0	15.227	36.388	27.010
60.0	14.546	36.871	27.533
70.0	13.975	37.318	28.003
80.0	13.612	37.701	28.377
90.0	13.339	37.980	28.650
100.0	13.286	38.044	28.712
120.0	13.139	38.229	28.886
140.0	13.058	38.302	28.960
160.0	13.070	38.365	29.007
180.0	13.075	38.375	29.015
200.0	13.080	38.399	29.033
300.0	13.090	38.436	29.062
400.0	13.004	38.449	29.093
500.0	12.980	38.446	29.099
600.0	12.916	38.437	29.108
700.0	12.917	38.434	29.109

STATION GB1193 : 35 58.5 N 5 28.0 W 16/ 4/86 1904Z 959/ 964m

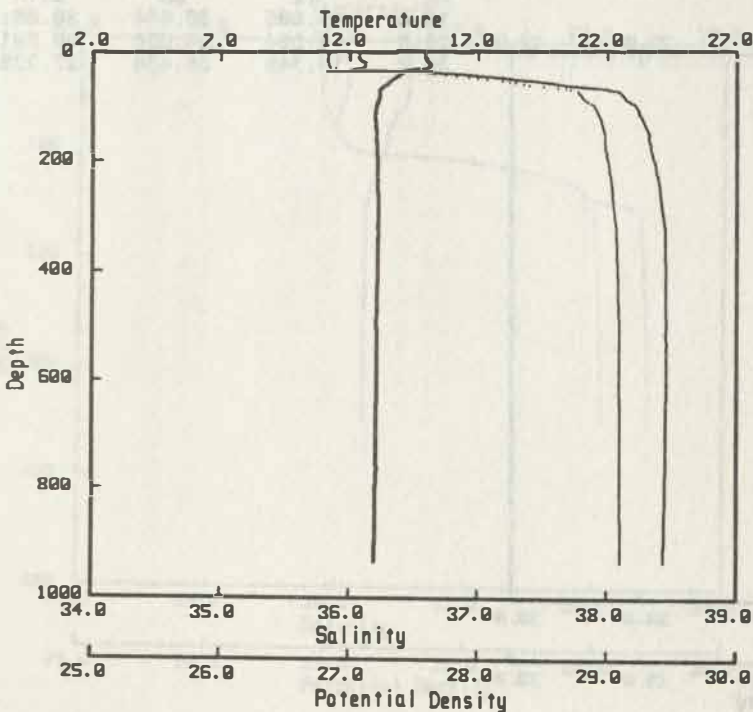
Day: 106.79 SST: 15.5 Tdry: 14.1 RH: 84.4 Wspd: 10.0 CTD #: 5  
 18 JUN 86 NAB POS:RAD Km E and N of Tarifa: 14.7km -2.8km  
 K-404



PR	TE	SA	SGTH
20.0	15.546	36.237	26.820
30.0	14.518	36.051	26.906
40.0	14.649	36.512	27.233
50.0	14.111	37.128	27.826
60.0	13.625	37.538	28.247
70.0	13.335	37.843	28.545
80.0	13.226	38.052	28.730
90.0	13.225	38.087	28.757
100.0	13.143	38.159	28.831
120.0	13.039	38.223	28.902
140.0	13.058	38.307	28.964
160.0	13.067	38.333	28.983
180.0	13.072	38.354	28.999
200.0	13.086	38.383	29.019
300.0	13.100	38.447	29.069
400.0	13.078	38.456	29.083
500.0	13.060	38.458	29.092
600.0	13.042	38.457	29.098
700.0	12.997	38.447	29.102
800.0	12.982	38.443	29.105
900.0	12.969	38.437	29.106

STATION GB1194 : 35 59.5 N 5 28.0 W 16/ 4/86 2012Z 933/ 945m

Day: 106.84 SST: 14.9 Tdry: 13.7 RH: -9.0 Wspd: 2.0 CTD #: 5  
 16 AP 86 ACC POS:SHL/RADAR. Km E and N of Tarifa: 14.7km -.9km  
 K-403

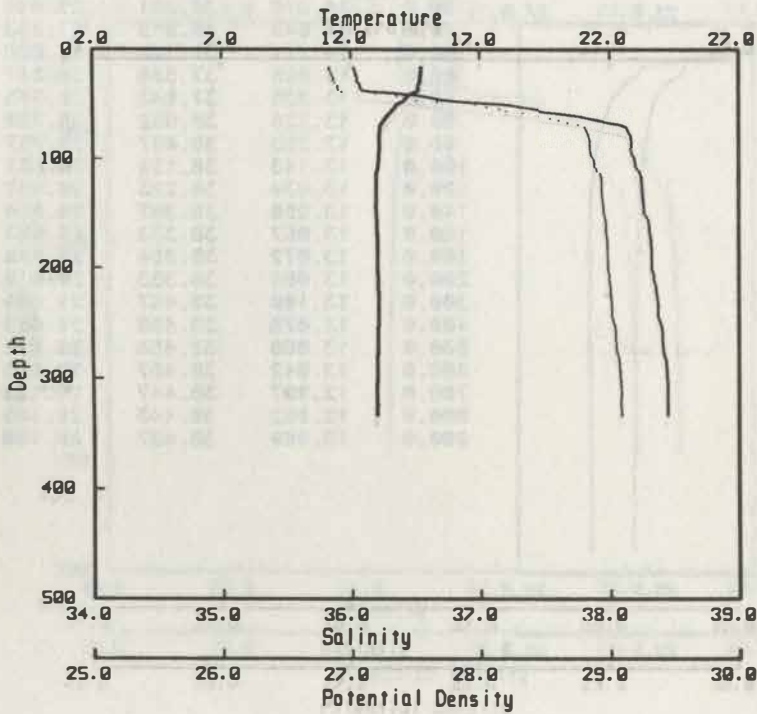


PR	TE	SA	SGTH
10.0	14.928	36.066	26.827
20.0	15.107	36.119	26.828
30.0	14.970	36.099	26.844
40.0	13.976	36.870	27.655
50.0	13.679	37.322	28.068
60.0	13.440	37.683	28.398
70.0	13.166	38.093	28.774
80.0	13.142	38.135	28.812
90.0	13.097	38.178	28.855
100.0	13.027	38.228	28.908
120.0	12.986	38.270	28.950
140.0	13.027	38.310	28.973
160.0	13.040	38.324	28.982
180.0	13.063	38.342	28.991
200.0	13.079	38.370	29.010
300.0	13.100	38.435	29.060
400.0	13.074	38.451	29.080
500.0	13.044	38.455	29.093
600.0	13.054	38.456	29.094
700.0	13.034	38.452	29.099
800.0	13.020	38.447	29.101
900.0	12.991	38.440	29.104



STATION GB1195 : 36 .8 N 5 28.5 W 16/ 5/86 2129Z 334/ 342m

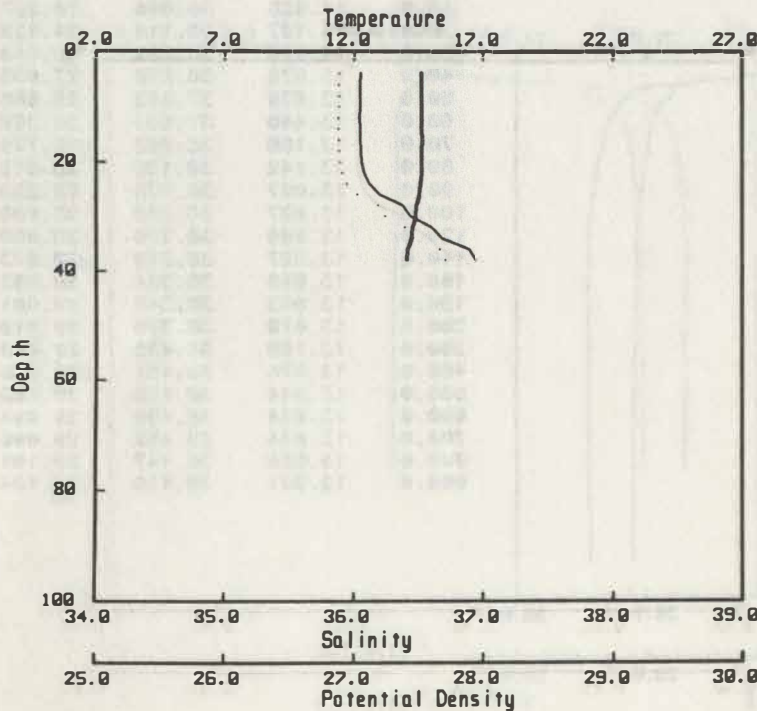
Day: 136.89 SST: 14.6 Tdry: 13.6 RH: 99.0 Wspd: 6.0 CTD #: 5  
 16 AP 86 ACC POS:SHL/RADAR. Km E and N of Tarifa: 13.9km 1.4km  
 K-402 .RH BAD.



PR	TE	SA	SGTH
20.0	14.732	36.033	26.845
30.0	14.679	36.057	26.875
40.0	14.375	36.379	27.190
50.0	13.769	37.219	27.969
60.0	13.412	37.745	28.452
70.0	13.132	38.124	28.805
80.0	13.101	38.159	28.839
90.0	13.101	38.164	28.843
100.0	13.068	38.193	28.873
120.0	12.976	38.247	28.934
140.0	12.972	38.260	28.946
160.0	13.016	38.303	28.970
180.0	13.032	38.322	28.982
200.0	13.037	38.326	28.985
300.0	13.031	38.444	29.081

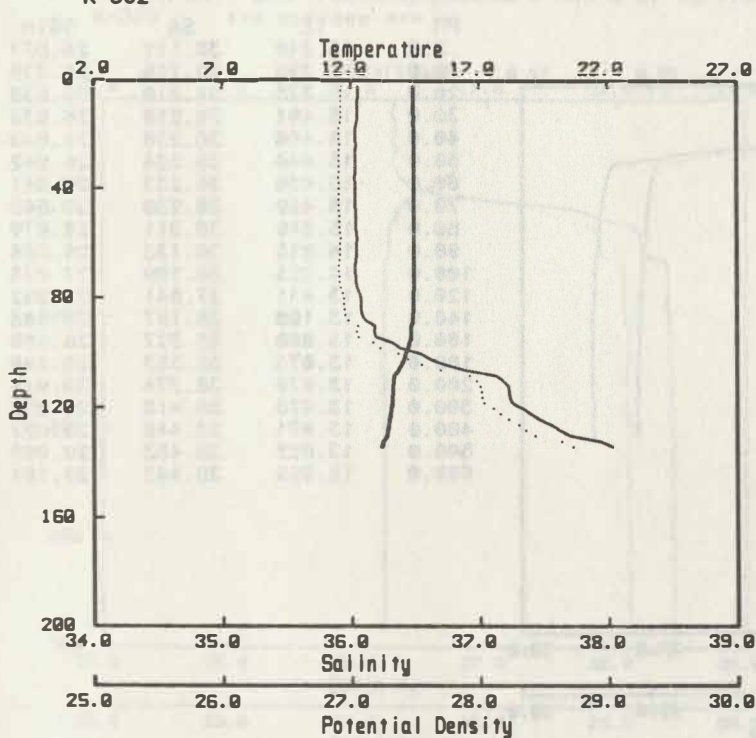
STATION GB1196 : 36 2.0 N 5 28.5 W 16/ 4/86 2233Z 40/ 53m

Day: 106.93 SST: 14.4 Tdry: 12.7 RH: 99.0 Wspd: 2.0 CTD #: 5  
 17 AP 86 ACC POS:SHL/RADAR. Km E and N of Tarifa: 14.0km 3.7km  
 K-401 MIGHTY SHALLOW.....



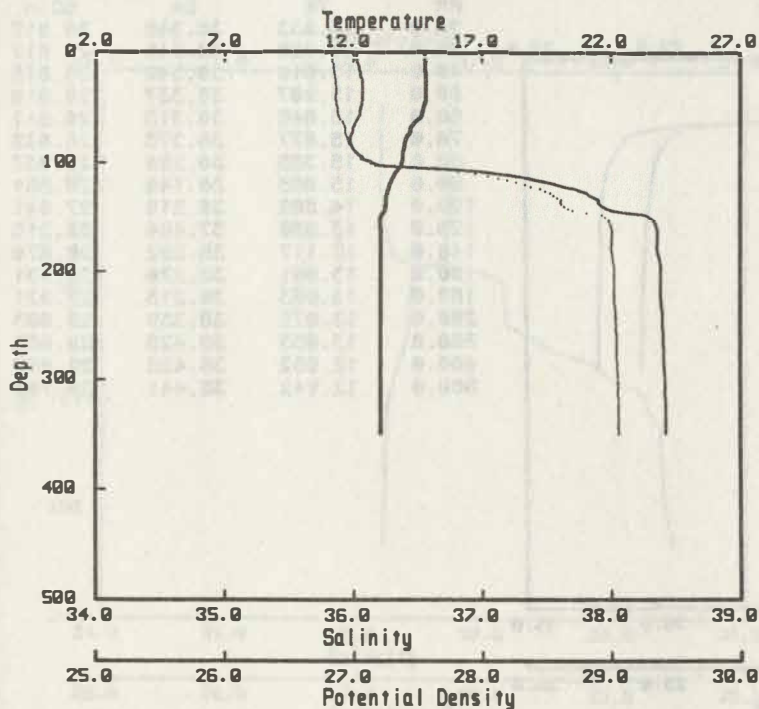
PR	TE	SA	SGTH
10.0	14.605	36.044	26.881
20.0	14.604	36.056	26.891
30.0	14.349	36.430	27.235

STATION GB1197 : 35 59.9 N 5 40.3 W 17/ 4/86 16Z 134/ 149m

Day: 107.01 SST: 14.4 Tdry: 13.4 RH: 99.0 Wspd: 8.0 CTD #: 5  
17 AP 86 ACC POS:SHL/RADAR. Km E and N of Tarifa: -3.7km -3.7km  
K-302

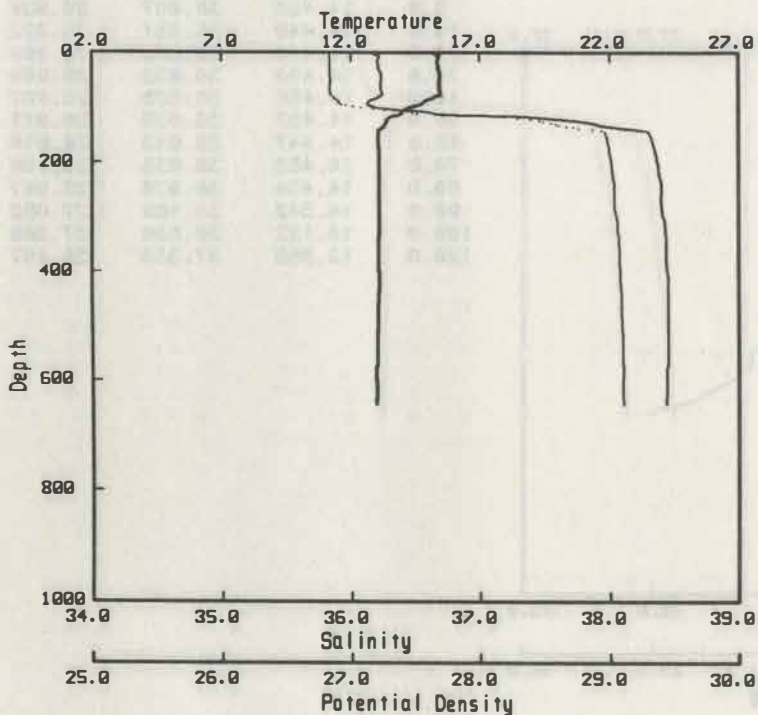
PR	TE	SA	SGTH
2.0	14.428	36.057	26.929
10.0	14.440	36.051	26.922
20.0	14.444	36.035	26.909
30.0	14.453	36.035	26.908
40.0	14.458	36.035	26.907
50.0	14.453	36.038	26.911
60.0	14.447	36.043	26.916
70.0	14.452	36.035	26.909
80.0	14.434	36.078	26.947
90.0	14.342	36.189	27.052
100.0	14.122	36.538	27.369
120.0	13.555	37.335	28.107

STATION GB1198 : 35 58.4 N 5 39.2 W 17/ 4/86 55Z 350/ 370m

Day: 107.02 SST: 14.6 Tdry: 13.5 RH: 99.0 Wspd: 8.0 CTD #: 5  
17 AP 86 ACC POS:SHL/RADAR. Km E and N of Tarifa: -2.2km -3.0km  
K-303 \*\*\* uptrace \*\*\*

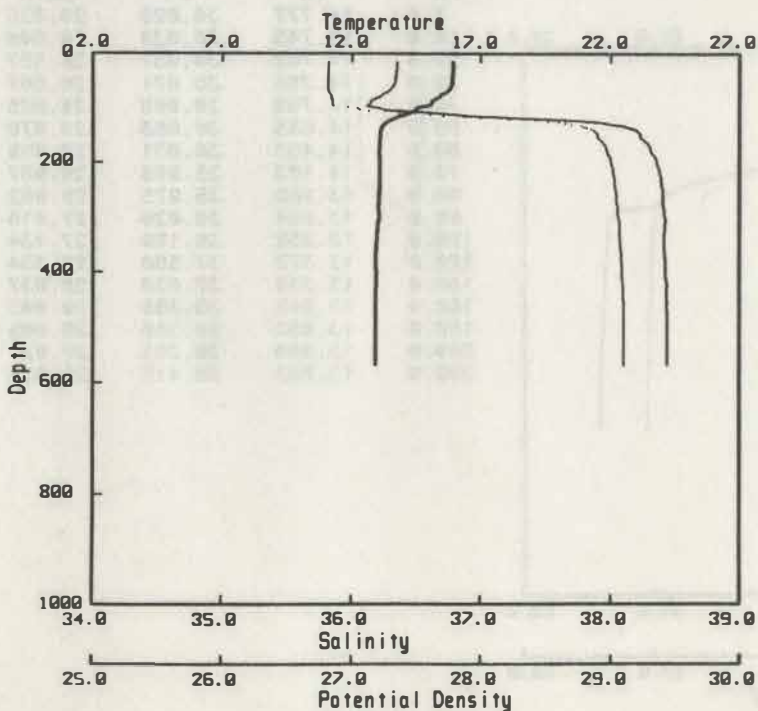
PR	TE	SA	SGTH
2.0	14.777	36.025	26.828
10.0	14.745	36.039	26.846
20.0	14.762	36.057	26.857
30.0	14.766	36.071	26.867
40.0	14.768	36.068	26.865
50.0	14.665	36.053	26.876
60.0	14.483	36.031	26.899
70.0	14.183	35.996	26.937
80.0	13.989	35.975	26.962
90.0	13.904	36.020	27.016
100.0	13.852	36.159	27.134
120.0	13.377	37.580	28.334
140.0	13.238	37.933	28.637
160.0	13.045	38.355	29.005
180.0	13.052	38.356	29.005
200.0	13.060	38.383	29.025
300.0	13.052	38.415	29.054

STATION GB1199 : 35 57.1 N 5 39.2 W 17/ 4/86 133Z 646/ 661m

Day: 107.06 SST: 14.6 Tdry: 13.3 RH: 99.0 Wspd: 5.0 CTD #: 5  
17 APR 86. SRR POS:SHL/RADARKm E and N of Tarifa: -2.1km -5.4km  
K-304 \*\*\* uptrace \*\*\*

PR	TE	SA	SGTH
2.0	15.246	36.171	26.837
10.0	15.396	36.216	26.838
20.0	15.375	36.210	26.838
30.0	15.401	36.218	26.839
40.0	15.466	36.238	26.840
50.0	15.446	36.234	26.842
60.0	15.450	36.233	26.841
70.0	15.469	36.238	26.840
80.0	15.249	36.211	26.870
90.0	14.815	36.133	26.906
100.0	14.225	36.189	27.078
120.0	13.431	37.541	28.292
140.0	13.108	38.197	28.868
160.0	13.060	38.327	28.980
180.0	13.073	38.353	28.998
200.0	13.079	38.374	29.014
300.0	13.075	38.418	29.052
400.0	13.071	38.446	29.077
500.0	13.025	38.453	29.095
600.0	12.969	38.442	29.101

STATION GB1200 : 35 55.7 N 5 40.3 W 17/ 4/86 224Z 565/ 571m

Day: 107.09 SST: 15.7 Tdry: 13.4 RH: 99.0 Wspd: 8.0 CTD #: 5  
17 APR 86. SRR POS:SHL/RADARKm E and N of Tarifa: -3.8km -8.0km  
K-305

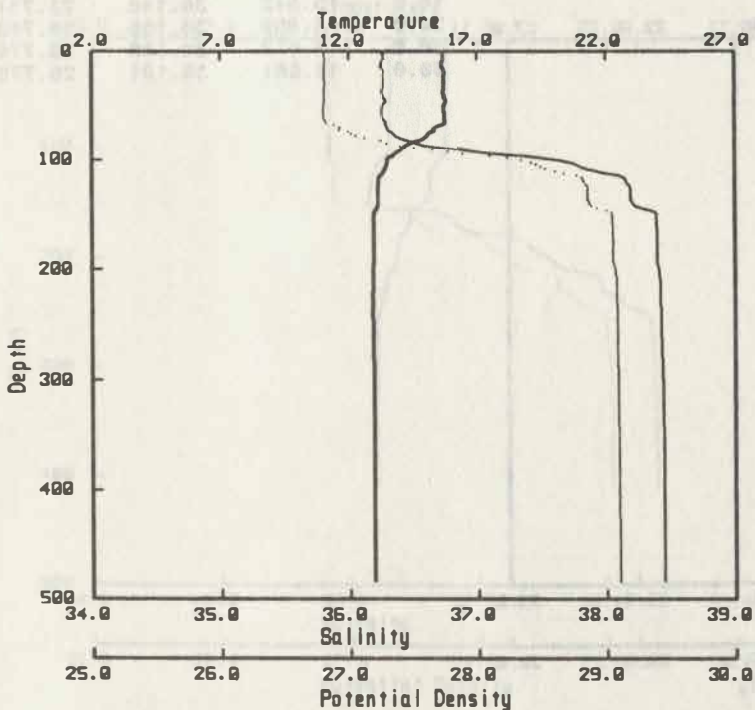
PR	TE	SA	SGTH
20.0	15.933	36.348	26.817
30.0	15.928	36.345	26.817
40.0	15.919	36.340	26.815
50.0	15.907	36.337	26.816
60.0	15.848	36.313	26.811
70.0	15.677	36.276	26.822
80.0	15.385	36.209	26.837
90.0	15.088	36.140	26.851
100.0	14.502	36.219	27.041
120.0	13.589	37.484	28.215
140.0	13.117	38.202	28.870
160.0	13.081	38.270	28.931
180.0	13.063	38.315	28.971
200.0	13.072	38.359	29.003
300.0	13.053	38.425	29.062
400.0	12.952	38.428	29.088
500.0	12.942	38.441	29.103



STATION GB1201 : 35 54.0 N 5 38.8 W 17/ 4/86 317Z 484/ 491m

Day: 107.13 SST: 15.0 Tdry: 13.4 RH: 99.0 Wspd: 8.0 CTD #: 5  
 17 APR 86. SRR POS:SHL/RADARKm E and N of Tarifa: -1.5km -11.1km  
 K-306 \*\*\* up trace \*\*\*

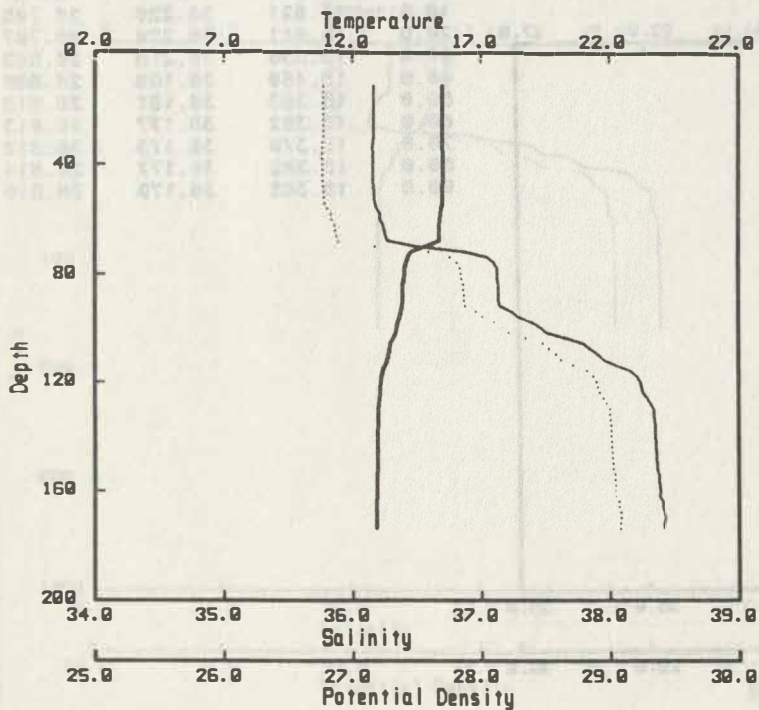
PR	TE	SA	SGT H
2.0	15.678	36.260	26.807
10.0	15.639	36.254	26.812
20.0	15.716	36.271	26.808
30.0	15.703	36.272	26.812
40.0	15.715	36.271	26.809
50.0	15.711	36.264	26.805
60.0	15.732	36.266	26.802
70.0	15.304	36.307	26.931
80.0	14.866	36.428	27.122
90.0	14.030	36.880	27.653
100.0	13.505	37.628	28.343
120.0	13.147	38.155	28.827
140.0	13.127	38.209	28.874
160.0	12.964	38.394	29.052
180.0	12.959	38.399	29.057
200.0	12.930	38.411	29.073
300.0	12.958	38.440	29.093
400.0	12.955	38.445	29.100



STATION GB1202 : 35 52.7 N 5 39.7 W 17/ 4/86 407Z 172/ 178m

Day: 107.17 SST: 15.1 Tdry: 12.9 RH: 99.0 Wspd: 6.0 CTD #: 5  
 17 APR 86 CAP POS:SHL/RADAR Km E and N of Tarifa: -2.9km -13.5km  
 K-307

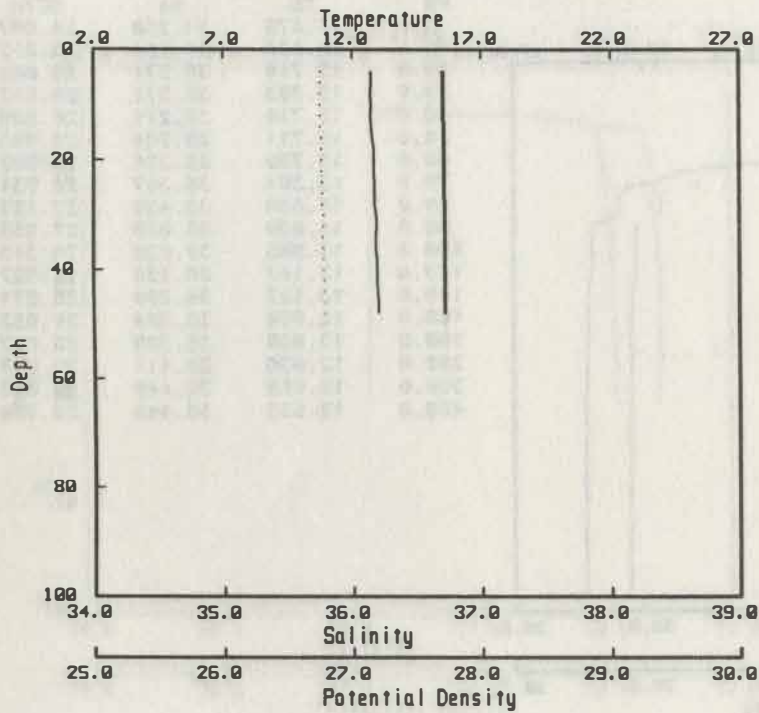
PR	TE	SA	SGT H
20.0	15.512	36.167	26.774
30.0	15.515	36.168	26.775
40.0	15.527	36.163	26.769
50.0	15.511	36.171	26.779
60.0	15.412	36.218	26.838
70.0	14.859	36.500	27.179
80.0	14.030	37.128	27.844
90.0	13.959	37.139	27.868
100.0	13.723	37.460	28.167
120.0	13.097	38.234	28.899
140.0	12.989	38.351	29.013
160.0	12.959	38.386	29.047



STATION GB1203 : 35 51.6 N 5 38.6 W 17/ 4/86 434Z 46/ 56m

Day: 107.18 SST: 14.9 Tdry: 12.7 RH: 99.0 Wspd: 8.0 CTD #: 5  
 17 APR 86. SRR POS:SHL/RADARKm E and N of Tarifa: -1.2km -15.6km  
 K-308 . END OF CALA GRANDE SECTION. LAND HO!

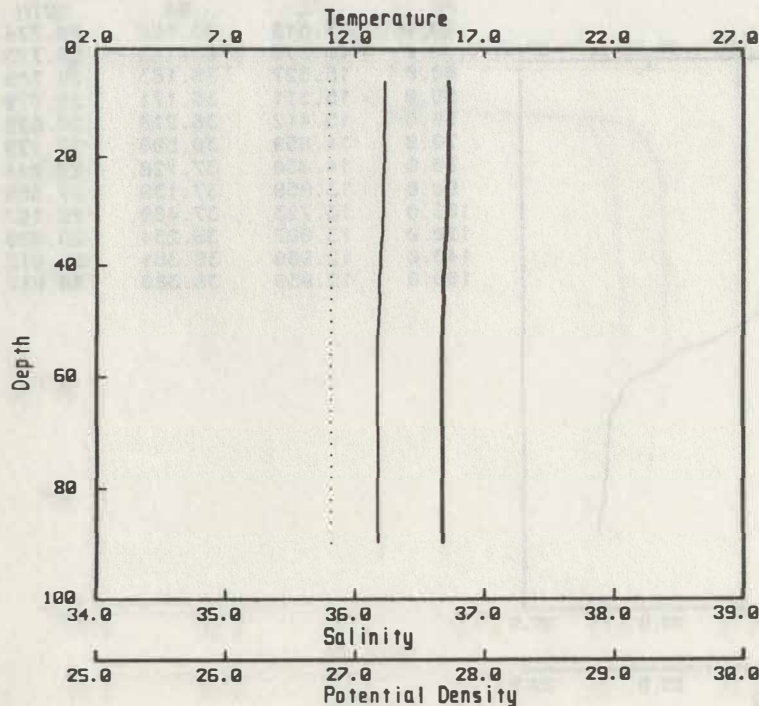
PR	TE	SA	SGTH
10.0	15.542	36.146	26.751
20.0	15.559	36.165	26.762
30.0	15.577	36.188	26.776
40.0	15.581	36.191	26.778



STATION GB1204 : 35 50.1 N 5 51.1 W 18/ 4/86 2007Z 90/ 95m

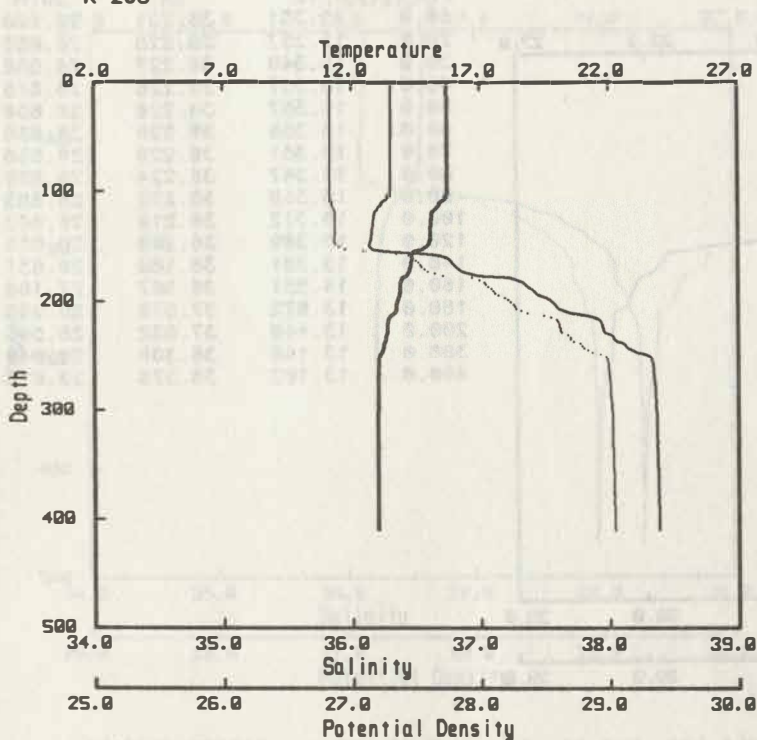
Day: 108.84 SST: 15.5 Tdry: 14.0 RH: 75.2 Wspd: 16.0 CTD #: 5  
 18 AP 86 ACC POS:SHL/RAD. Km E and N of Tarifa: -19.9km -18.3km  
 K-209 .RESTART.

PR	TE	SA	SGTH
10.0	15.621	36.226	26.795
20.0	15.611	36.228	26.797
30.0	15.556	36.215	26.802
40.0	15.460	36.196	26.809
50.0	15.393	36.181	26.813
60.0	15.382	36.177	26.813
70.0	15.379	36.175	26.812
80.0	15.382	36.177	26.814
90.0	15.385	36.179	26.815



STATION GNB1205 : 35 51.9 N 5 51.7 W 18/ 4/86 2056Z 409/ 414m

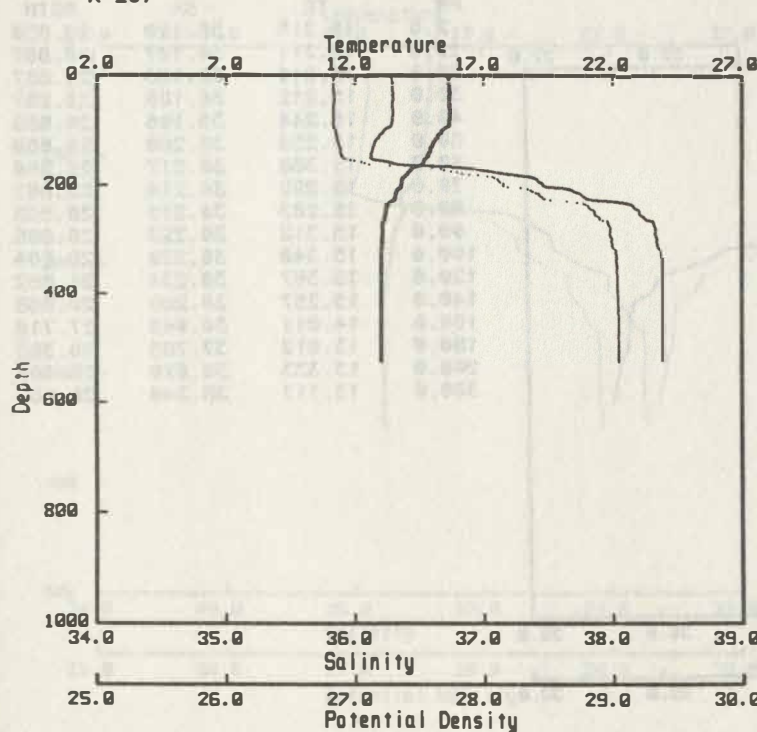
Day: 108.86 SST: 15.5 Tdry: 14.5 RH: 73.4 Wspd: 18.0 CTD #: 5  
 18 AP 86 ACC POS:SHL/RAD Km E and N of Tarifa: -20.8km -15.0km  
 K-208



PR	TE	SA	SGTH
10.0	15.712	36.307	26.836
20.0	15.717	36.307	26.835
30.0	15.719	36.308	26.836
40.0	15.722	36.308	26.836
50.0	15.722	36.308	26.836
60.0	15.729	36.307	26.834
70.0	15.734	36.305	26.832
80.0	15.737	36.303	26.830
90.0	15.731	36.304	26.832
100.0	15.726	36.299	26.830
120.0	15.117	36.176	26.873
140.0	15.056	36.154	26.871
160.0	14.358	36.748	27.483
180.0	13.931	37.291	27.995
200.0	13.776	37.560	28.236
300.0	13.023	38.365	29.021
400.0	13.016	38.383	29.040

STATION GB1206 : 35 52.5 N 5 51.4 W 18/ 4/86 2202Z 524/ 536m

Day: 108.92 SST: 15.5 Tdry: 13.9 RH: 73.0 Wspd: 16.0 CTD #: 5  
 18 AP 86 ACC POS:SHL/RAD Km E and N of Tarifa: -20.4km -13.9km  
 K-207



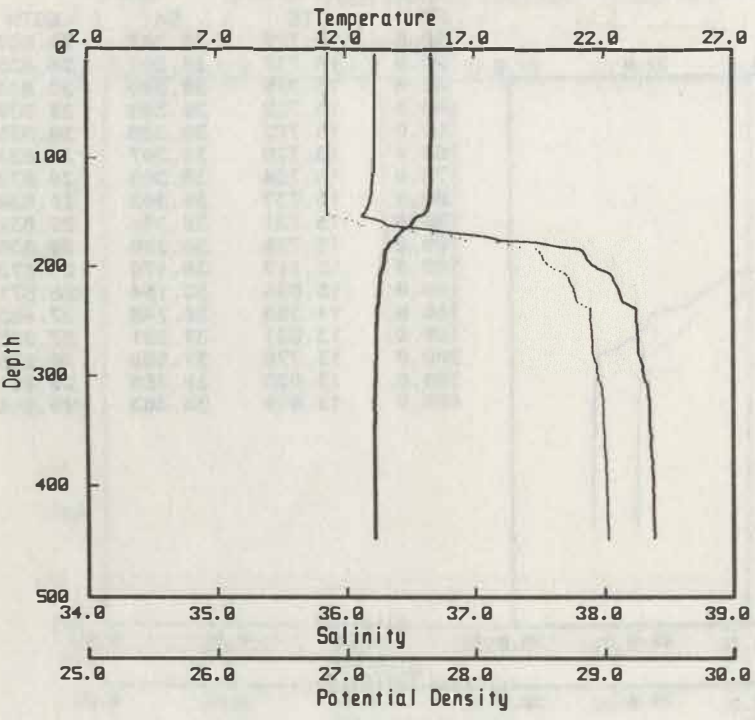
PR	TE	SA	SGTH
10.0	15.655	36.287	26.834
20.0	15.656	36.288	26.835
30.0	15.672	36.295	26.837
40.0	15.662	36.294	26.839
50.0	15.665	36.292	26.837
60.0	15.682	36.294	26.835
70.0	15.684	36.295	26.835
80.0	15.665	36.289	26.836
90.0	15.647	36.282	26.835
100.0	15.358	36.220	26.853
120.0	15.048	36.153	26.871
140.0	14.876	36.128	26.891
160.0	14.629	36.297	27.076
180.0	13.995	37.173	27.890
200.0	13.786	37.461	28.158
300.0	13.063	38.336	28.990
400.0	13.027	38.383	29.037
500.0	13.037	38.392	29.045



STATION GB1207 : 35 54.0 N 5 51.8 W 18/ 4/86 2247Z 446/ 453m

Day: 108.94 SST: 15.5 Tdry: 12.6 RH: 95.0 Wspd: 10.0 CTD #: 5  
 18 AP 86 ACC POS:SHL/RADAR. Km E and N of Tarifa: -21.0km -11.1km  
 K-206 . SST IS 15.1

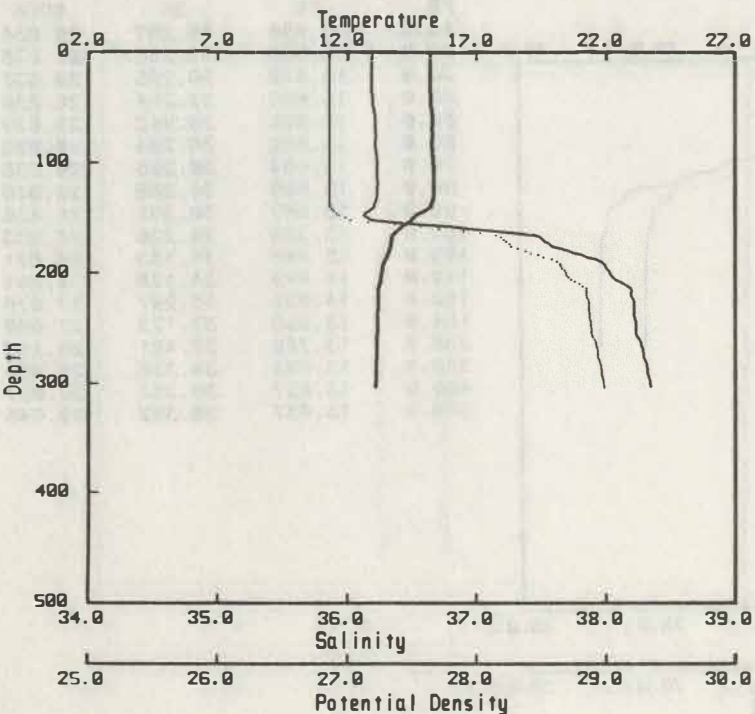
PR	TE	SA	SGTH
10.0	15.351	36.231	26.860
20.0	15.357	36.228	26.856
30.0	15.349	36.227	26.858
40.0	15.357	36.226	26.855
50.0	15.357	36.226	26.856
60.0	15.356	36.226	26.856
70.0	15.361	36.226	26.856
80.0	15.347	36.224	26.858
90.0	15.318	36.222	26.863
100.0	15.312	36.219	26.862
120.0	15.309	36.208	26.855
140.0	15.261	36.188	26.851
160.0	14.551	36.307	27.100
180.0	13.672	37.570	28.266
200.0	13.440	37.932	28.595
300.0	13.148	38.306	28.949
400.0	13.102	38.376	29.016



STATION GB1208 : 35 55.6 N 5 51.9 W 18/ 4/86 2332Z 303/ 310m

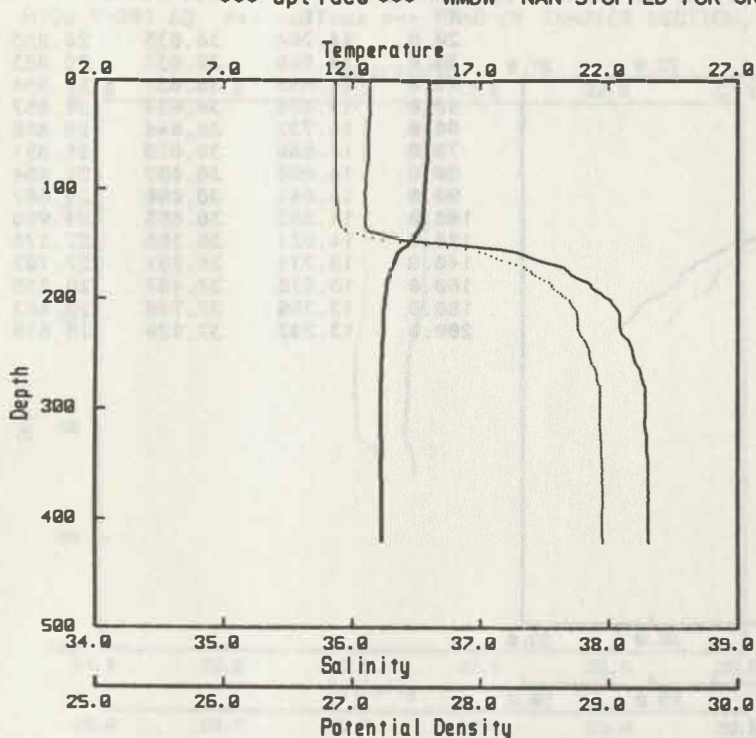
Day: 108.97 SST: 15.2 Tdry: 14.9 RH: 79.1 Wspd: 8.0 CTD #: 5  
 19 AP 86 ACC POS:SHL/RADAR. Km E and N of Tarifa: -21.1km -8.1km  
 K-205 \*\*\* uptrace \*\*\*

PR	TE	SA	SGTH
2.0	15.218	36.190	26.858
10.0	15.211	36.187	26.857
20.0	15.216	36.188	26.857
30.0	15.212	36.186	26.857
40.0	15.244	36.196	26.858
50.0	15.256	36.200	26.858
60.0	15.308	36.217	26.860
70.0	15.292	36.214	26.862
80.0	15.283	36.215	26.865
90.0	15.312	36.223	26.865
100.0	15.340	36.229	26.864
120.0	15.367	36.234	26.862
140.0	15.257	36.209	26.868
160.0	14.011	36.946	27.710
180.0	13.612	37.706	28.383
200.0	13.333	38.029	28.693
300.0	13.117	38.340	28.982



STATION GB1209 : 35 56.7 N 5 50.4 W 19/ 4/86 25Z 420/ 424m

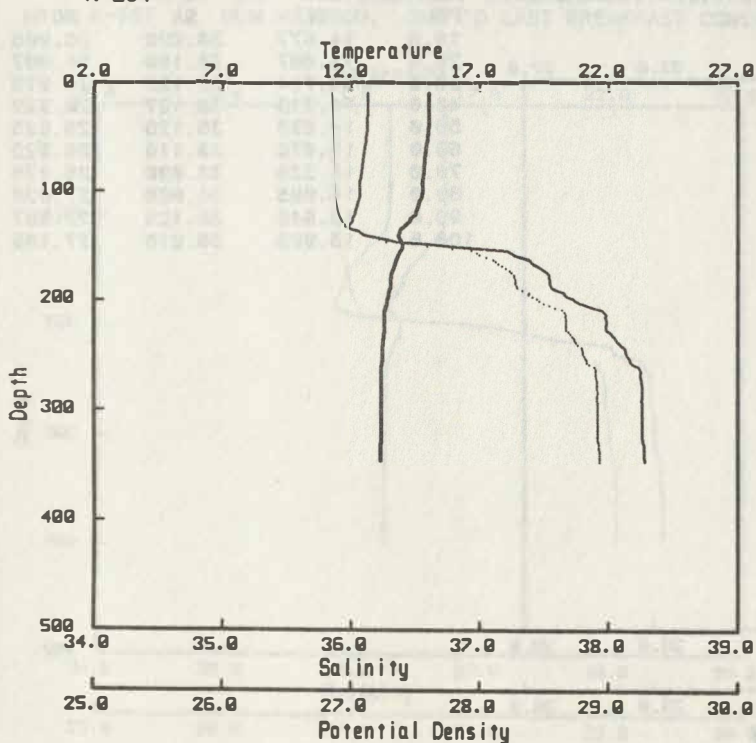
Day: 109.01 SST: 14.6 Tdry: 13.9 RH: 67.4 Wspd: 10.0 CTD #: 5  
 19 APR 86 NAB POS:SHL/RAD Km E and N of Tarifa: -18.9km -6.1km  
 \*\*\* upt race \*\*\* WMDW NAN STOPPED FOR UNEXPECTED



PR	TE	SA	SGTH
2.0	15.005	36.137	26.864
10.0	15.016	36.137	26.862
20.0	15.012	36.136	26.863
30.0	15.009	36.140	26.867
40.0	14.975	36.133	26.869
50.0	14.961	36.130	26.870
60.0	14.950	36.129	26.872
70.0	14.948	36.128	26.872
80.0	14.901	36.117	26.875
90.0	14.868	36.109	26.876
100.0	14.841	36.104	26.878
120.0	14.791	36.107	26.892
140.0	14.480	36.211	27.041
160.0	13.760	37.365	28.088
180.0	13.419	37.760	28.466
200.0	13.274	38.017	28.696
300.0	13.133	38.279	28.932
400.0	13.145	38.299	28.948

STATION GB1210 : 35 57.7 N 5 51.3 W 19/ 4/86 108Z 345/ 350m

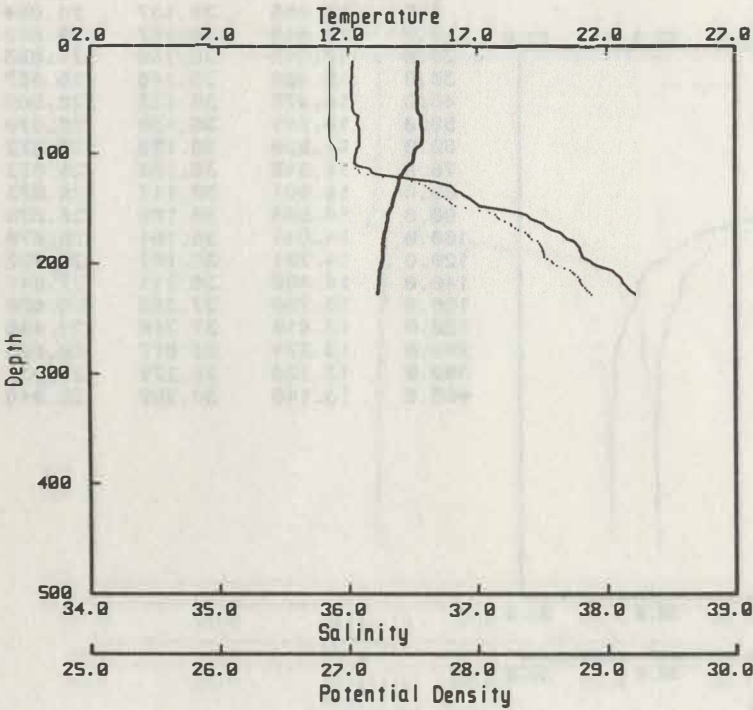
Day: 109.04 SST: 14.4 Tdry: 13.8 RH: 77.8 Wspd: 10.0 CTD #: 5  
 19 AP 86 ACC POS:SHL/RADAR. Km E and N of Tarifa: -20.2km -4.2km  
 K-204



PR	TE	SA	SGTH
10.0	15.019	36.127	26.854
20.0	15.016	36.126	26.854
30.0	15.013	36.125	26.854
40.0	15.013	36.123	26.853
50.0	14.960	36.114	26.858
60.0	14.895	36.102	26.864
70.0	14.849	36.090	26.865
80.0	14.818	36.080	26.864
90.0	14.770	36.065	26.864
100.0	14.765	36.064	26.864
120.0	14.495	36.028	26.896
140.0	13.818	36.104	27.100
160.0	13.785	37.323	28.050
180.0	13.534	37.544	28.275
200.0	13.382	37.744	28.462
300.0	13.144	38.256	28.912

STATION GB1211 : 35 59.8 N 5 50.7 W 19/ 4/86 201Z 224/ 229m

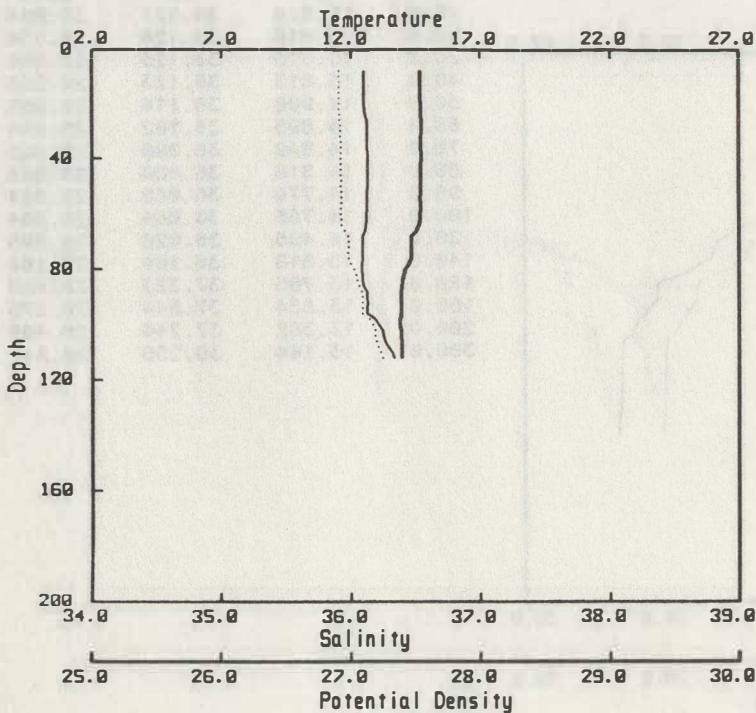
Day: 109.08 SST: 14.3 Tdry: 12.5 RH: 72.3 Wspd: 8.0 CTD #: 5  
 19 APR 86 CAP POS:SHL/SATNAVKm E and N of Tarifa: -19.3km -0.3km  
 K-203



PR	TE	SA	SGTH
20.0	14.704	36.035	26.853
30.0	14.695	36.033	26.853
40.0	14.685	36.031	26.854
50.0	14.686	36.034	26.857
60.0	14.732	36.044	26.855
70.0	14.859	36.075	26.851
80.0	14.890	36.087	26.854
90.0	14.841	36.090	26.867
100.0	14.552	36.058	26.906
120.0	14.021	36.388	27.276
140.0	13.771	36.954	27.767
160.0	13.515	37.467	28.218
180.0	13.359	37.766	28.483
200.0	13.297	37.920	28.616

STATION GB1212 : 36 2.2 N 5 50.7 W 19/ 4/86 245Z 109/ 118m

Day: 109.10 SST: 13.6 Tdry: 11.7 RH: 99.0 Wspd: 6.0 CTD #: 5  
 19 APR 86 CAP POS:SHL/RADAR Km E and N of Tarifa: -19.3km 4.1km  
 K-202 . REL HUM RANGING 60-70, NOT EQUILIBRATING.

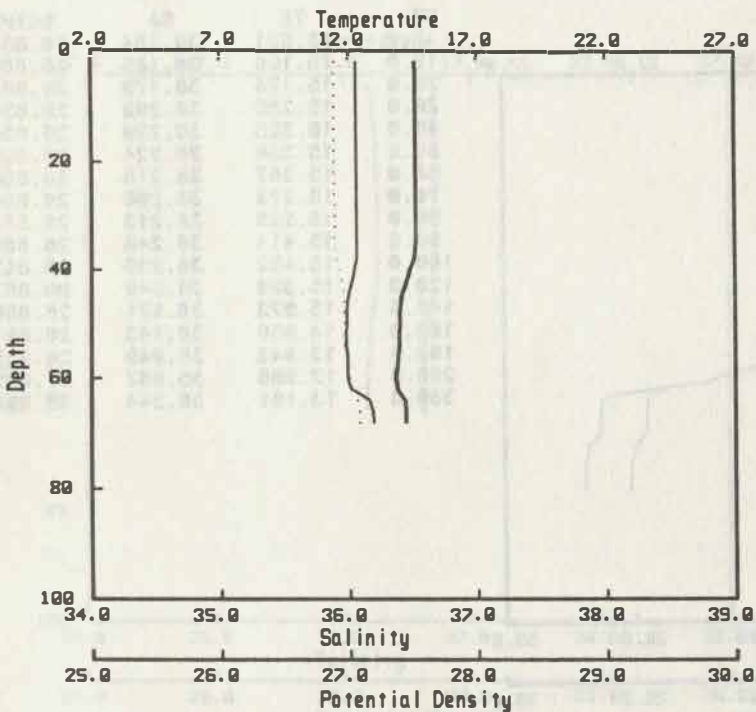


PR	TE	SA	SGTH
10.0	14.677	36.099	26.908
20.0	14.687	36.100	26.907
30.0	14.714	36.123	26.919
40.0	14.715	36.127	26.922
50.0	14.696	36.125	26.925
60.0	14.676	36.119	26.925
70.0	14.330	36.090	26.978
80.0	14.085	36.086	27.028
90.0	13.946	36.124	27.087
100.0	13.903	36.218	27.169



STATION GB1213 : 36 4.1 N 5 50.4 W 19/ 4/86 320Z 68/ 76m

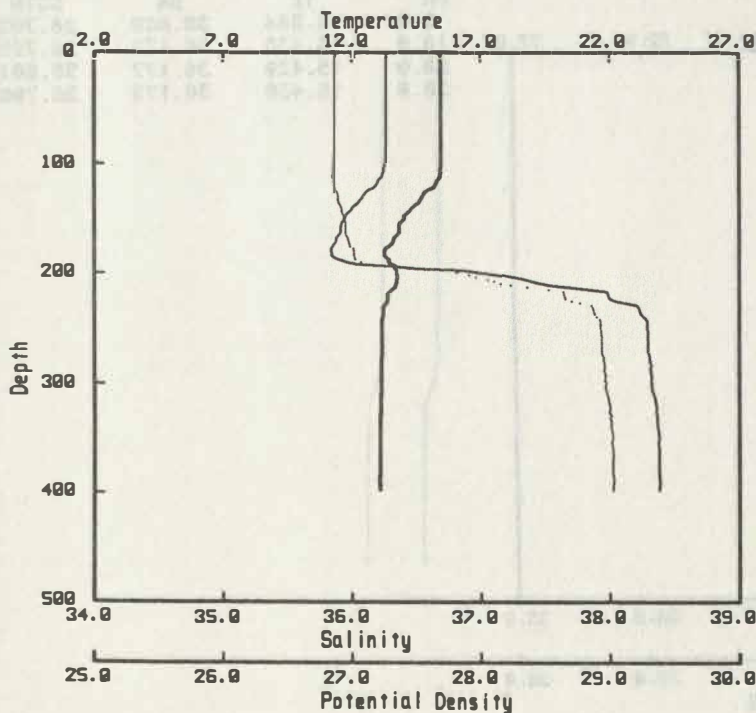
Day : 109.13 SST: 13.7 Tdry : 11.3 RH: 64.0 Wspd: 7.0 CTD # : 5  
 19 APR 86 CAP POS:SHL/RADAR Km E and N of Tarifa: -18.9km 7.6km  
 K-201 \*\*\* uptr ace\*\*\* END OF TANGIER SECTION. ONWARD!



PR	TE	SA	SGTH
2.0	14.610	36.066	26.897
10.0	14.620	36.066	26.895
20.0	14.625	36.066	26.894
30.0	14.614	36.066	26.897
40.0	14.368	36.046	26.935
50.0	13.985	35.984	26.969
60.0	13.828	35.989	27.007

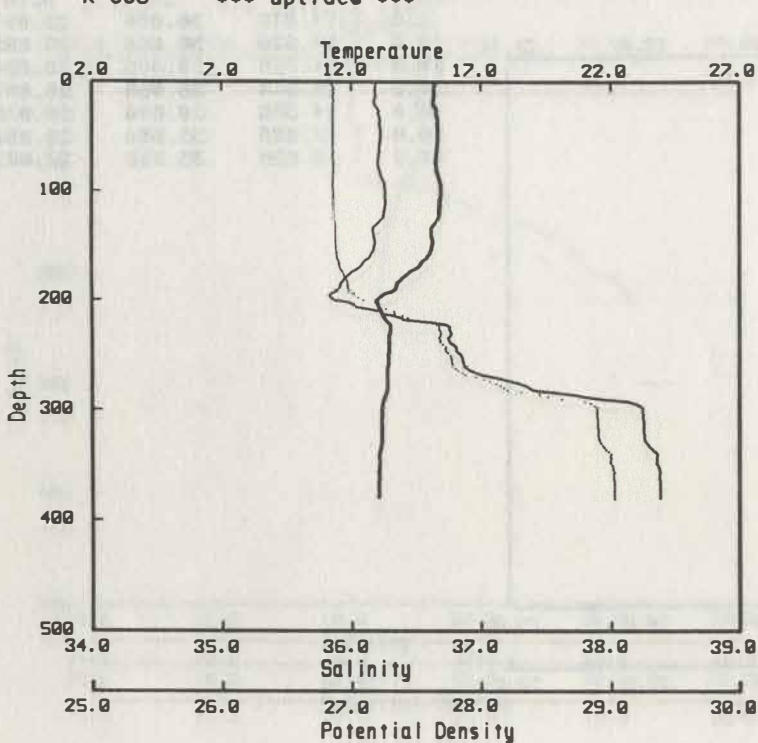
STATION GB1214 : 35 52.3 N 5 54.5 W 19/ 4/86 459Z 397/ 408m

Day : 109.19 SST: 14.4 Tdry : 11.8 RH: 99.0 Wspd: 6.0 CTD # : 5  
 19 APR 86 CAP POS:SHL/RADAR Km E and N of Tarifa: -25.0km -14.3km  
 K-607 . HUM NO GOOD. 2ND TO LAST BREAKFAST COMING UP.



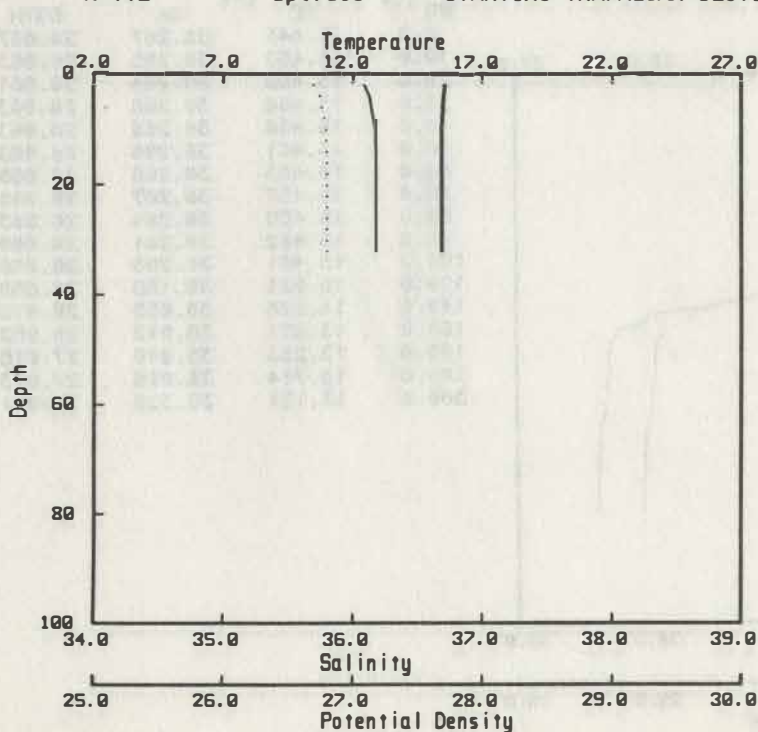
PR	TE	SA	SGTH
2.0	15.441	36.267	26.867
10.0	15.452	36.265	26.863
20.0	15.459	36.264	26.861
30.0	15.460	36.266	26.863
40.0	15.458	36.266	26.863
50.0	15.461	36.266	26.863
60.0	15.455	36.266	26.865
70.0	15.457	36.267	26.865
80.0	15.459	36.264	26.863
90.0	15.462	36.261	26.860
100.0	15.461	36.255	26.856
120.0	15.221	36.188	26.859
140.0	14.326	36.005	26.915
160.0	13.821	35.913	26.952
180.0	13.253	35.840	27.015
200.0	13.714	36.996	27.813
300.0	13.121	38.326	28.971

STATION GB1215 : 35 51.3 N 5 59.8 W 19/ 4/86 1554Z 380/ 391m

Day: 109.65 SST: 14.9 Tdry: 11.6 RH: 72.5 Wspd: 8.0 CTD #: 5  
19 APR 86 CAP POS:SHL/RADAR Km E and N of Tarifa: -33.0km -16.1km  
K-608 \*\*\* uptrace \*\*\*

PR	TE	SA	SGTH
2.0	15.231	36.184	26.850
10.0	15.190	36.185	26.860
20.0	15.174	36.179	26.860
30.0	15.285	36.209	26.858
40.0	15.325	36.220	26.858
50.0	15.338	36.224	26.859
60.0	15.307	36.216	26.860
70.0	15.279	36.208	26.860
80.0	15.295	36.215	26.862
90.0	15.414	36.246	26.860
100.0	15.452	36.259	26.862
120.0	15.398	36.249	26.867
140.0	15.072	36.171	26.880
160.0	14.930	36.143	26.891
180.0	13.942	35.949	26.955
200.0	12.965	35.867	27.095
300.0	13.191	38.244	28.892

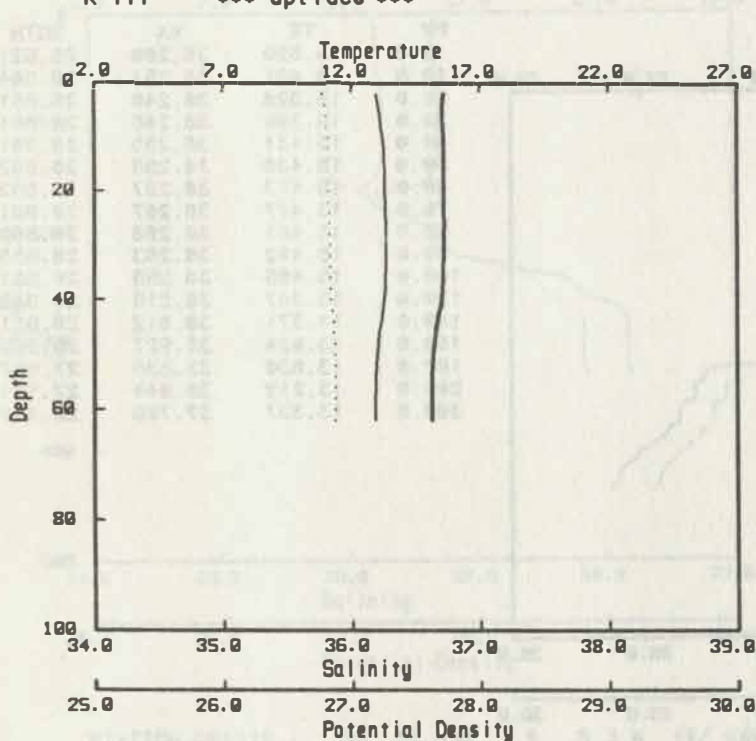
STATION GB1216 : 35 43.0 N 5 59.0 W 19/ 4/86 1015Z 33/ 38m

Day: 109.42 SST: 15.8 Tdry: 13.0 RH: 87.0 Wspd: 2.0 CTD #: 5  
19 APR 86 SS POS:SHL/SATNAV Km E and N of Tarifa: -31.8km -31.4km  
K-112 \*\*\* uptrace \*\*\* STARTING TRAFALGAR SECTION.

PR	TE	SA	SGTH
2.0	15.584	36.089	26.702
10.0	15.438	36.172	26.795
20.0	15.429	36.177	26.801
30.0	15.430	36.175	26.799

STATION GB1217 : 35 44.3 N 6 1.0 W 19/ 4/86 1045Z 62/ 65m

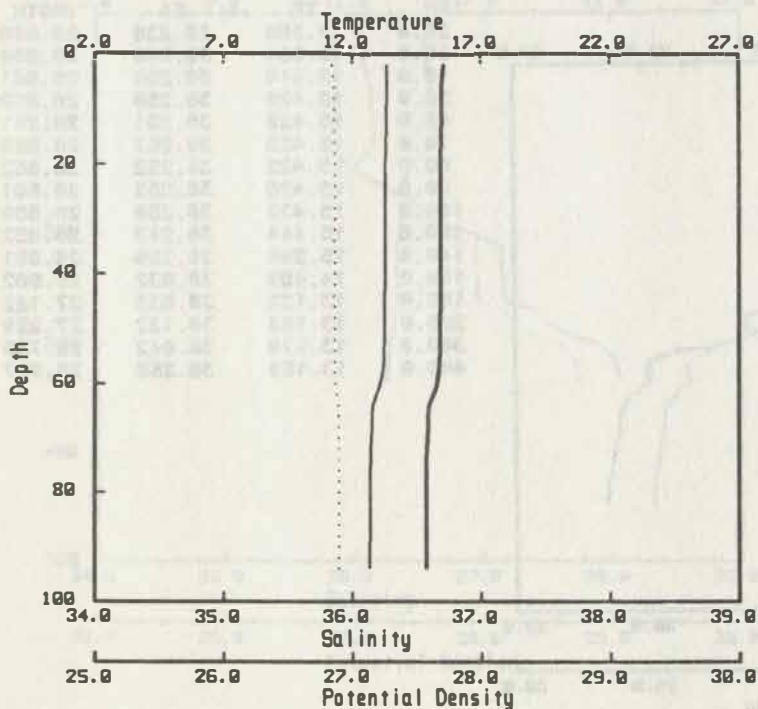
Day: 109.44 SST: 15.5 Tdry: 13.5 RH: 77.0 Wspd: 4.0 CTD #: 5  
 19 APR 86 SS POS:SHL/SATNAV Km E and N of Tarifa: -34.9km -29.1km  
 K-111 \*\*\* uptrace \*\*\*



PR	TE	SA	SGTH
2.0	15.602	36.196	26.776
10.0	15.597	36.247	26.816
20.0	15.616	36.263	26.825
30.0	15.606	36.270	26.833
40.0	15.533	36.257	26.840
50.0	15.191	36.202	26.875
60.0	15.127	36.189	26.879

STATION GB1218 : 35 45.5 N 6 3.0 W 19/ 4/86 1115Z 92/ 97m

Day: 109.46 SST: 15.3 Tdry: 15.3 RH: 68.0 Wspd: 2.0 CTD #: 5  
 19 APR 86 SS POS:SHL/SATNAV Km E and N of Tarifa: -37.8km -26.9km  
 K-110 \*\*\* uptrace \*\*\*

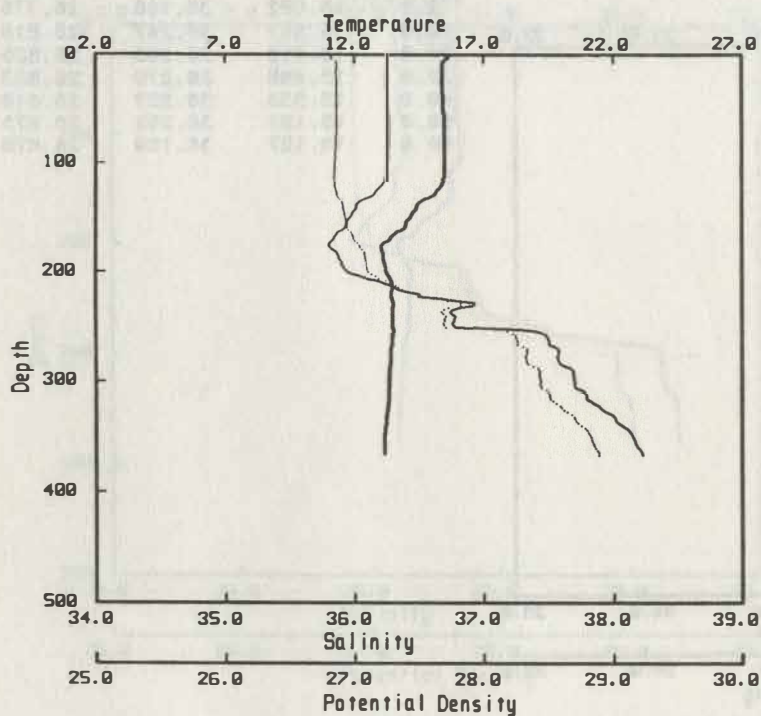


PR	TE	SA	SGTH
2.0	15.549	36.271	26.845
10.0	15.482	36.266	26.857
20.0	15.428	36.255	26.861
30.0	15.423	36.253	26.861
40.0	15.426	36.253	26.861
50.0	15.411	36.249	26.861
60.0	15.276	36.218	26.868
70.0	14.911	36.147	26.895
80.0	14.867	36.137	26.897
90.0	14.863	36.134	26.896



STATION GB1219 : 35 49.0 N 6 3.5 W 19/ 4/86 1152Z 369/ 366m

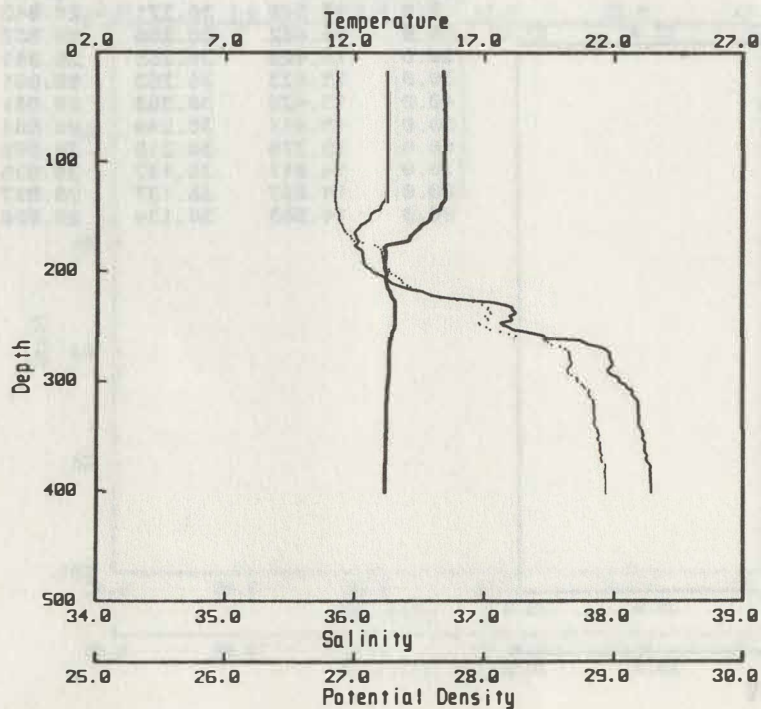
Day: 109.48 SST: 15.3 Tdry: 13.4 RH: 77.0 Wspd: 6.0 CTD #: 5  
 19 APR 86 SS POS:SHL/SATNAV Km E and N of Tarifa: -38.5km -20.3km  
 K-109



PR	TE	SA	SGTH
2.0	15.620	36.260	26.821
10.0	15.401	36.251	26.864
20.0	15.398	36.246	26.861
30.0	15.399	36.246	26.861
40.0	15.431	36.255	26.861
50.0	15.438	36.258	26.862
60.0	15.473	36.267	26.862
70.0	15.477	36.267	26.861
80.0	15.481	36.266	26.860
90.0	15.492	36.263	26.855
100.0	15.485	36.255	26.851
120.0	15.347	36.210	26.848
140.0	14.371	36.012	26.911
160.0	13.924	35.927	26.942
180.0	13.030	35.836	27.057
200.0	13.212	35.944	27.104
300.0	13.337	37.700	28.440

STATION GB1220 : 35 50.5 N 6 3.7 W 19/ 4/86 1230Z 401/ 404m

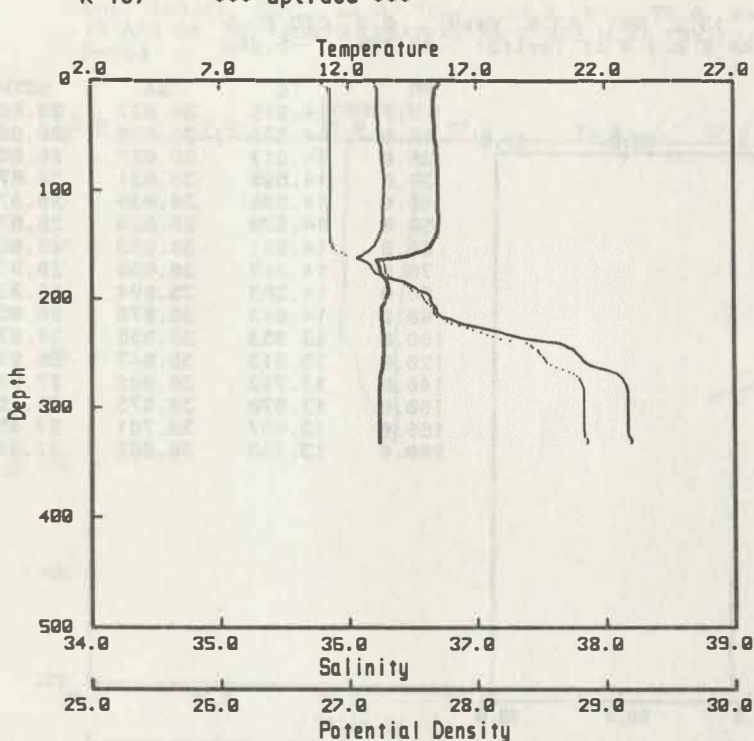
Day: 109.51 SST: 15.3 Tdry: 13.3 RH: 77.0 Wspd: 10.0 CTD #: 5  
 19 APR 86 SS POS:SHL/SATNAV Km E and N of Tarifa: -38.9km -17.6km  
 K-108



PR	TE	SA	SGTH
20.0	15.369	36.236	26.860
30.0	15.384	36.240	26.860
40.0	15.416	36.250	26.861
50.0	15.420	36.250	26.860
60.0	15.420	36.251	26.861
70.0	15.423	36.252	26.862
80.0	15.422	36.252	26.862
90.0	15.428	36.252	26.861
100.0	15.432	36.250	26.859
120.0	15.444	36.243	26.852
140.0	15.296	36.198	26.851
160.0	14.489	36.032	26.902
180.0	13.122	36.035	27.192
200.0	13.163	36.132	27.259
300.0	13.270	38.042	28.719
400.0	13.156	38.288	28.937

STATION GB1221 : 35 51.5 N 6 4.0 W 19/ 4/86 1300Z 331/ 336m

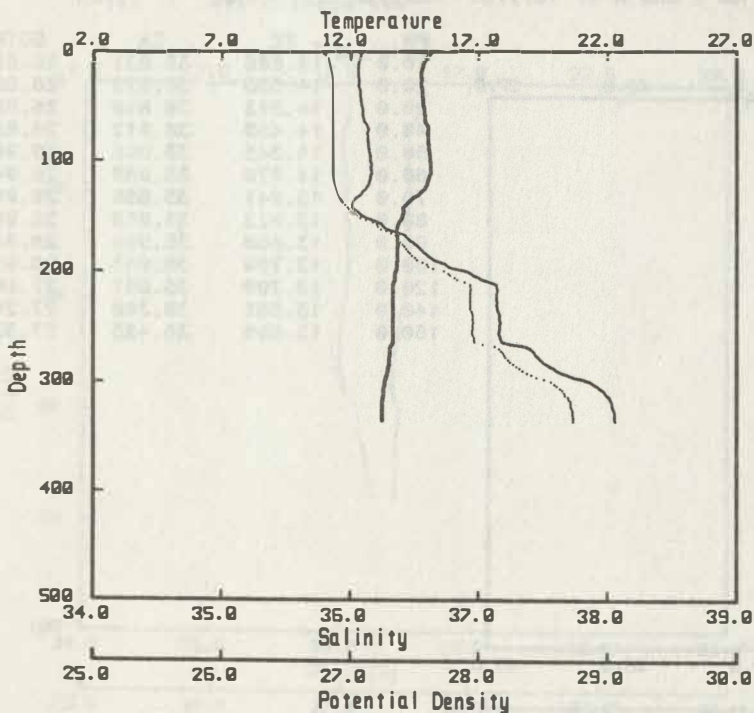
Day: 109.54 SST: 15.0 Tdry: 13.3 RH: 78.0 Wspd: 10.0 CTD #: 5  
 19 APR 86 NB POS:SHL/SATNAV Km E and N of Tarifa: -39.3km -15.8km  
 K-107 \*\*\* uptrace \*\*\*



PR	TE	SA	SGTH
2.0	15.536	36.207	26.799
10.0	15.375	36.227	26.851
20.0	15.340	36.226	26.859
30.0	15.343	36.227	26.859
40.0	15.376	36.238	26.860
50.0	15.394	36.241	26.859
60.0	15.458	36.259	26.859
70.0	15.476	36.265	26.860
80.0	15.503	36.274	26.861
90.0	15.514	36.281	26.864
100.0	15.518	36.280	26.863
120.0	15.522	36.269	26.854
140.0	15.450	36.247	26.854
160.0	14.407	36.110	26.980
180.0	13.391	36.295	27.338
200.0	13.463	36.645	27.594
300.0	13.207	38.167	28.829

STATION GB1222 : 35 54.5 N 6 5.3 W 19/ 4/86 1338Z 335/ 337m

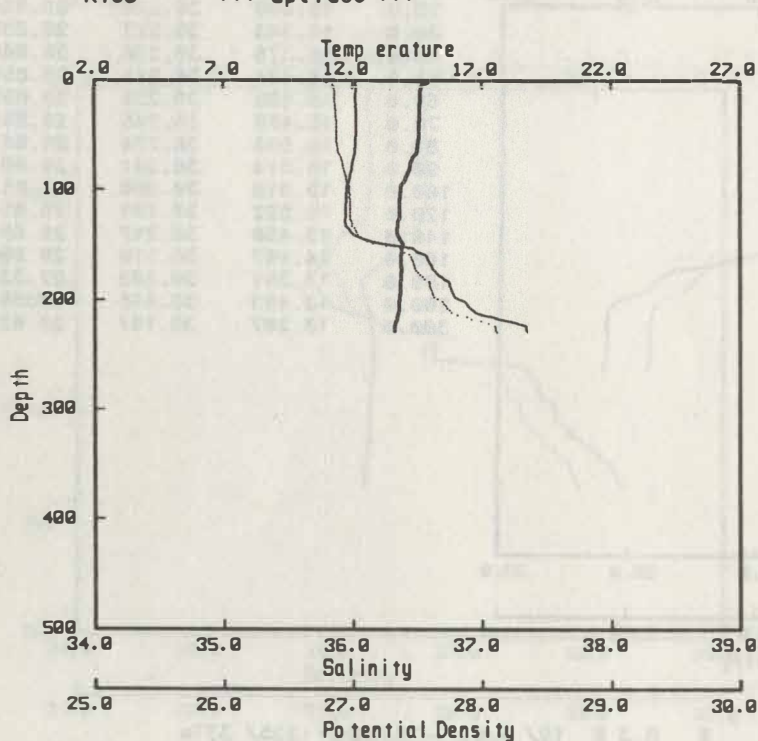
Day: 109.56 SST: 14.7 Tdry: 13.3 RH: 80.0 Wspd: 10.0 CTD #: 5  
 19 APR 86 NB POS:SHL/SATNAV Km E and N of Tarifa: -41.2km -10.2km  
 K-106 \*\*\* uptrace \*\*\*



PR	TE	SA	SGTH
2.0	15.154	36.081	26.788
10.0	14.887	36.068	26.838
20.0	14.784	36.062	26.856
30.0	14.779	36.067	26.861
40.0	14.824	36.079	26.861
50.0	14.857	36.088	26.861
60.0	14.905	36.101	26.861
70.0	15.032	36.139	26.862
80.0	15.040	36.139	26.861
90.0	15.072	36.146	26.859
100.0	15.121	36.158	26.858
120.0	15.026	36.146	26.871
140.0	14.148	36.009	26.957
160.0	13.847	36.260	27.215
180.0	13.847	36.546	27.437
200.0	13.764	36.903	27.731
300.0	13.351	37.863	28.564

STATIONGB1223 : 35 57.0 N 6 6.0 W 19/ 4/86 1417Z 224/ 239m

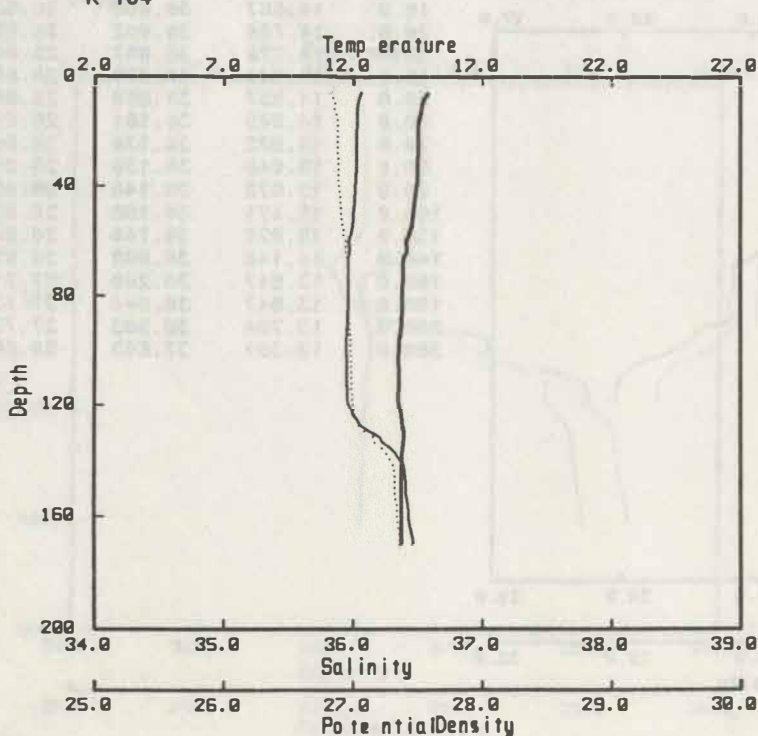
Day: 109.59 SST: 16.9 Tdry: 13.2 RH: 83.0 Wspd: 6.0 CTD #: 5  
 19 APR 86 NB POS:SHL/SATNAV Km E and N of Tarifa: -42.3km -5.6km  
 K105 \*\*\* uptrace \*\*\*



PR	TE	SA	SGTH
2.0	14.915	36.027	26.800
10.0	14.633	36.028	26.862
20.0	14.617	36.027	26.866
30.0	14.599	36.031	26.873
40.0	14.580	36.030	26.877
50.0	14.570	36.028	26.878
60.0	14.521	36.023	26.885
70.0	14.342	36.008	26.912
80.0	14.203	35.994	26.931
90.0	14.043	35.976	26.952
100.0	13.853	35.955	26.976
120.0	13.813	35.947	26.979
140.0	13.742	36.006	27.040
160.0	13.870	36.575	27.454
180.0	13.857	36.701	27.554
200.0	13.798	36.862	27.692

STATIONGB1224 : 35 59.5 N 6 4.3 W 19/ 4/86 1451Z 169/ 177m

Day: 109.60 SST: 14.9 Tdry: 14.1 RH: 78.0 Wspd: 6.0 CTD #: 5  
 19 APR 86 SS POS:SHL/SATNAV Km E and N of Tarifa: -39.7km -9.9km  
 K-104

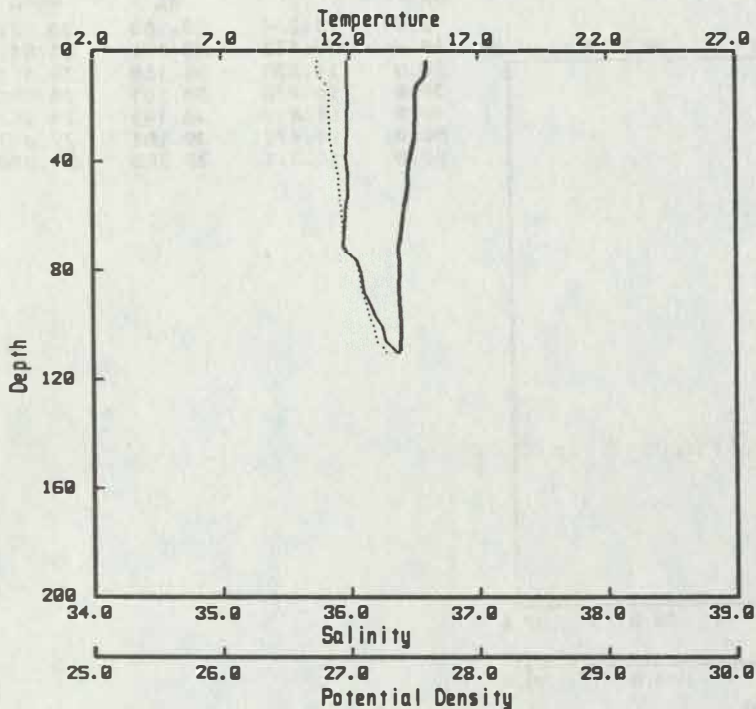


PR	TE	SA	SGTH
10.0	14.886	36.031	26.858
20.0	14.533	36.022	26.880
30.0	14.513	36.018	26.882
40.0	14.458	36.012	26.889
50.0	14.345	35.998	26.903
60.0	14.070	35.969	26.940
70.0	13.941	35.959	26.960
80.0	13.922	35.960	26.965
90.0	13.888	35.956	26.969
100.0	13.799	35.948	26.982
120.0	13.790	35.967	27.000
140.0	13.886	36.360	27.283
160.0	13.866	36.425	27.339



STATION GB1225 : 36 2.0 N 6 2.5 W 19/ 4/86 1531Z 108/ 115m

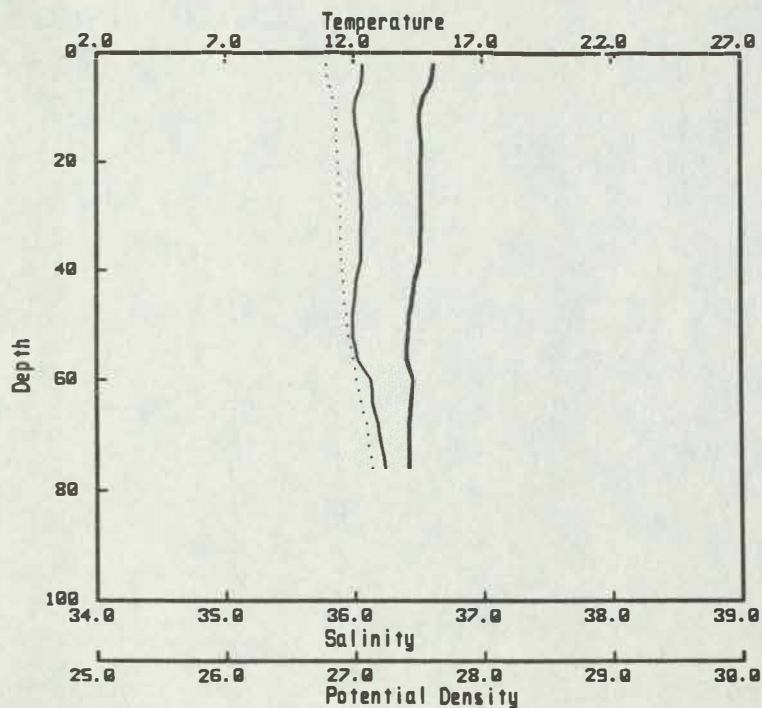
Day: 109.64 SST: 14.9 Tdry: 13.8 RH: 76.0 Wspd: 8.0 CTD #: 5  
 19 APR 86 NB POS:SHL/SATNAVKm E and N of Tarifa: -37.0km 3.7km  
 K-103



PR	TE	SA	SGTH
10.0	14.862	35.982	26.777
20.0	14.556	35.979	26.842
30.0	14.521	35.974	26.846
40.0	14.302	35.972	26.892
50.0	14.230	35.982	26.915
60.0	14.056	35.964	26.939
70.0	13.914	35.948	26.957
80.0	13.889	36.080	27.065
90.0	13.879	36.132	27.107
100.0	13.945	36.239	27.176

STATION GB1226 : 36 4.5 N 6 .8 W 19/ 4/86 1601Z 76/ 81m

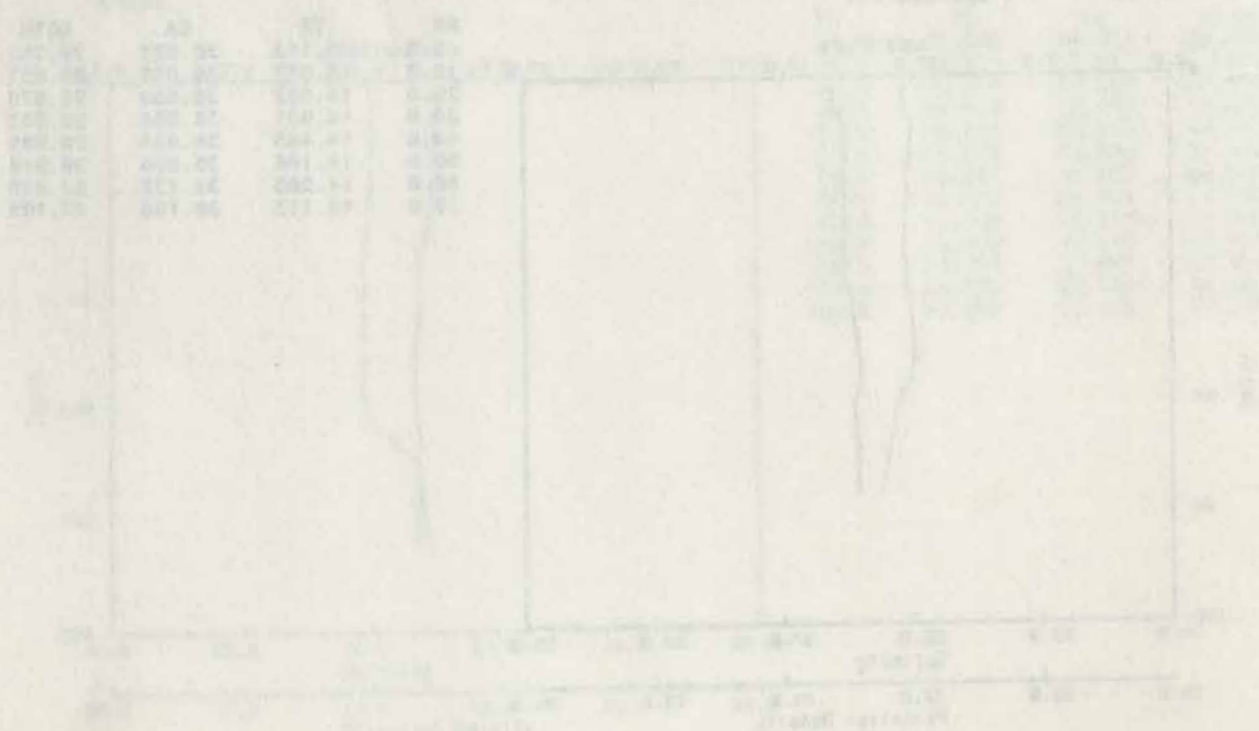
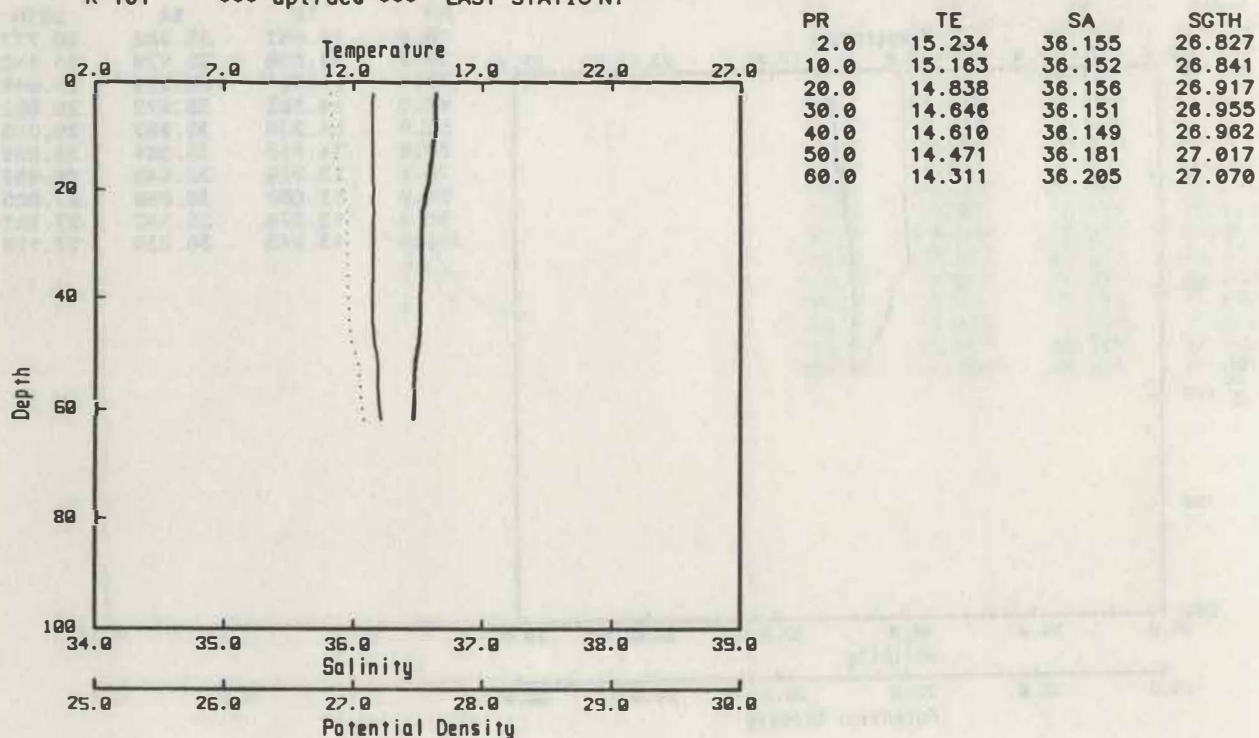
Day: 109.67 SST: 15.1 Tdry: 14.1 RH: 75.2 Wspd: 6.0 CTD #: 5  
 19 APR 86 SS POS:SHL/SATNAV Km E and N of Tarifa: -34.4km 8.3km  
 K-102 \*\*\* upte race \*\*\*



PR	TE	SA	SGTH
2.0	15.113	36.071	26.789
10.0	14.567	36.007	26.861
20.0	14.597	36.039	26.879
30.0	14.601	36.058	26.893
40.0	14.445	36.034	26.909
50.0	14.106	35.990	26.948
60.0	14.285	36.132	27.020
70.0	14.113	36.196	27.106

STATION GB1227 : 36 7.0 N 5 59.0 W 19/ 4/86 1628Z 62/ 67m

Day: 109.68 SST: 15.0 Tdry: 14.4 RH: 76.2 Wspd: 8.0 CTD #: 5  
 19 APR 86 SS POS: SHL/SATNAV Km E and N of Tarifa: -31.7km 13.0km  
 K-101 \*\*\* uptrace \*\*\* LAST STATION!

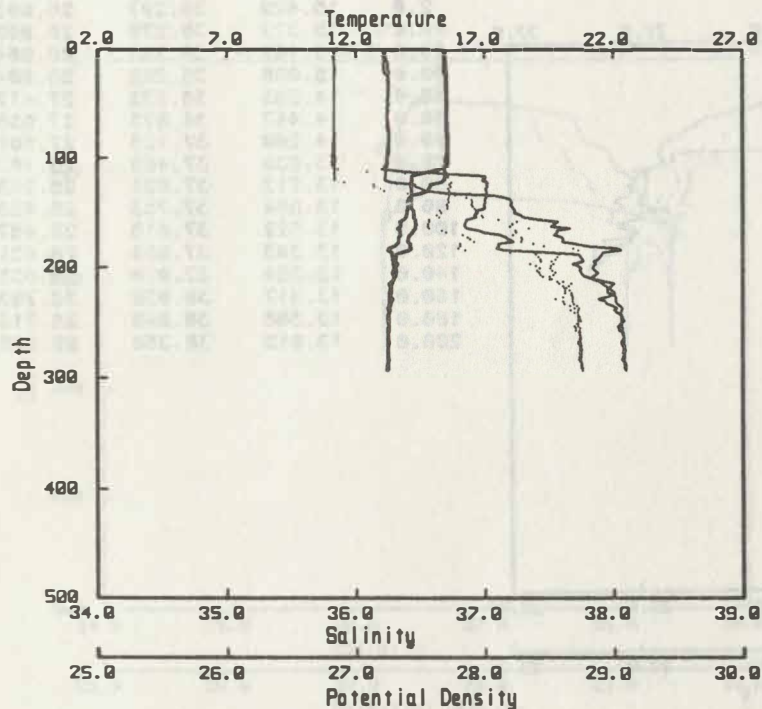


Yoyo Station Profiles



STATION DSS001 : 35 53.3 N 5 44.1 W 9/ 4/86 905Z 295/ 305m

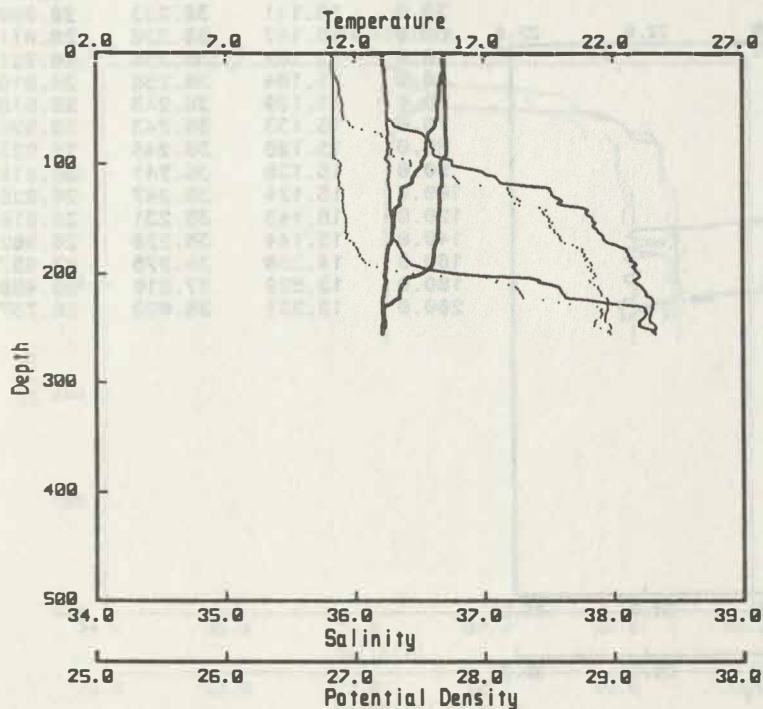
Day: 99.38 SST: 15.6 Tdry: 13.6 RH: 65.5 Wspd: 5.0 CTD #: 5  
 189 4.25 1 (MALABATA) 13 AKm E and N of Tarifa: -9.4km -12.3km  
 DSS-1 , NOMINAL POS. DISC GBY001



PR	TE	SA	SGTH
2.0	15.438	36.210	26.824
10.0	15.445	36.221	26.831
20.0	15.434	36.220	26.833
30.0	15.520	36.249	26.836
40.0	15.523	36.249	26.836
50.0	15.545	36.256	26.836
60.0	15.534	36.247	26.832
70.0	15.535	36.245	26.831
80.0	15.571	36.257	26.832
90.0	15.575	36.248	26.825
100.0	15.575	36.241	26.820
120.0	14.199	36.985	27.699
140.0	14.177	37.011	27.724
160.0	14.347	36.848	27.562
180.0	14.130	37.113	27.814
200.0	13.579	37.756	28.430

STATION DSS002 : 35 53.9 N 5 43.9 W 9/ 4/86 943Z 255/ 259m

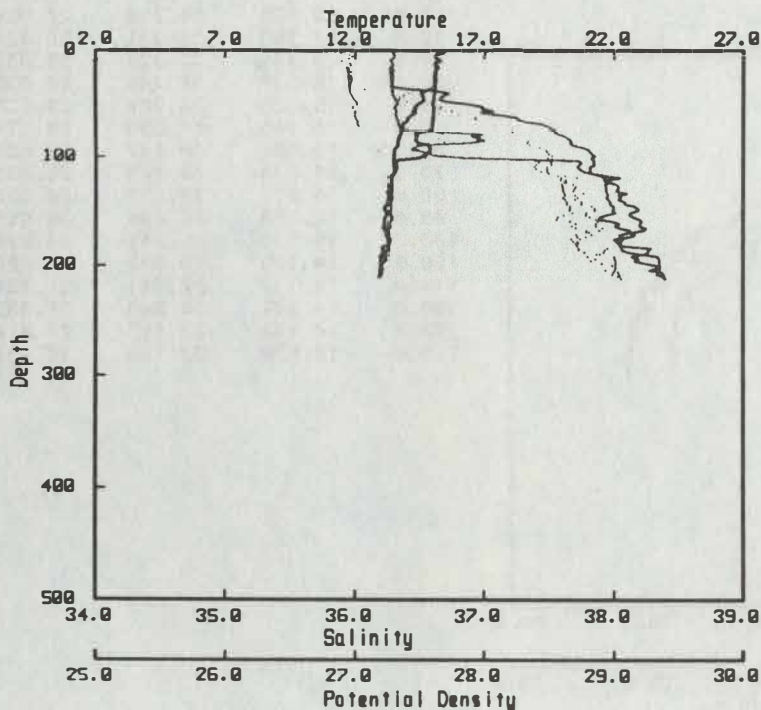
Day: 99.39 SST: 15.6 Tdry: 13.8 RH: 62.0 Wspd: 5.0 CTD #: 5  
 189 4.80 1 (MALABATA): 12 APkm E and N of Tarifa: -9.2km -11.3km  
 POS SAT FIX. D=247 AT START.



PR	TE	SA	SGTH
2.0	15.421	36.210	26.827
10.0	15.424	36.215	26.831
20.0	15.396	36.232	26.851
30.0	15.296	36.243	26.882
40.0	15.258	36.251	26.897
50.0	15.220	36.252	26.907
60.0	15.187	36.256	26.917
70.0	15.019	36.389	27.058
80.0	14.787	36.581	27.257
90.0	14.765	36.607	27.283
100.0	14.596	36.757	27.436
120.0	14.039	37.300	27.977
140.0	13.583	37.763	28.433
160.0	13.475	37.879	28.546
180.0	13.266	38.096	28.758
200.0	13.177	38.192	28.852

STATION DSS003 : 35 54.0 N 5 44.2 W 9/ 4/86 1046Z 209/ 380m

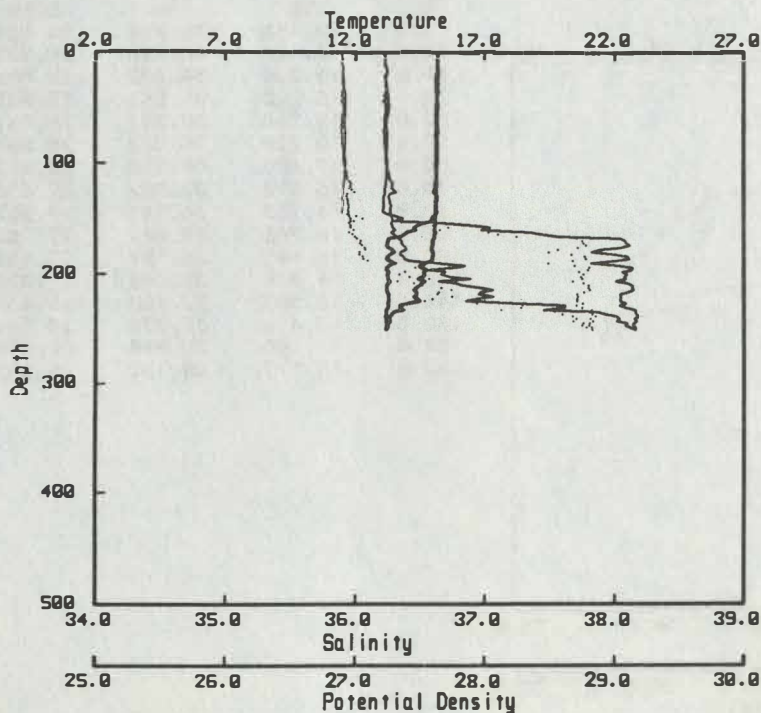
Day: 99.44 SST: 15.6 Tdry: 13.8 RH: 62.0 Wspd: 5.0 CTD #: 5  
 186 4.86 1 (MALABATA): 13 APkm E and N of Tarifa: -9.7km -11.2km  
 D=215, START AT 1049.



PR	TE	SA	SGTH
2.0	15.429	36.297	26.893
10.0	15.322	36.275	26.900
20.0	15.107	36.295	26.964
30.0	15.098	36.292	26.964
40.0	14.585	36.732	27.417
50.0	14.447	36.875	27.558
60.0	14.200	37.128	27.807
70.0	13.839	37.488	28.163
80.0	13.712	37.621	28.293
90.0	13.584	37.753	28.423
100.0	13.522	37.818	28.487
120.0	13.393	37.956	28.621
140.0	13.384	37.970	28.635
160.0	13.317	38.039	28.703
180.0	13.308	38.049	28.713
200.0	13.015	38.350	29.008

STATION DSS004 : 35 53.8 N 5 44.9 W 9/ 4/86 1112Z 248/ 250m

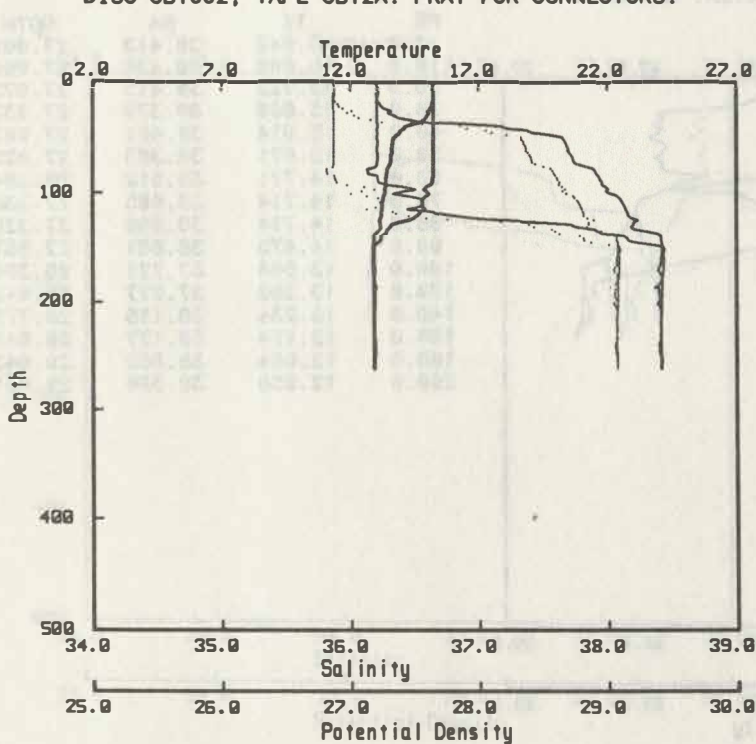
Day: 99.46 SST: 15.6 Tdry: 13.8 RH: 62.0 Wspd: 7.0 CTD #: 5  
 180 4.68 1 (MALABATA): 13 Km E and N of Tarifa: -10.6km -11.4km  
 DISCGBY002, TAPE GBY1B. L;ETS GO.



PR	TE	SA	SGTH
20.0	15.141	36.233	26.909
30.0	15.147	36.238	26.911
40.0	15.162	36.254	26.921
50.0	15.184	36.258	26.919
60.0	15.139	36.243	26.918
70.0	15.133	36.243	26.920
80.0	15.128	36.245	26.923
90.0	15.138	36.241	26.918
100.0	15.124	36.247	26.926
120.0	15.145	36.231	26.910
140.0	15.144	36.220	26.902
160.0	14.360	36.975	27.657
180.0	13.529	37.819	28.489
200.0	13.261	38.092	28.757

STATION DSS005 : 35 53.8 N 5 44.6 W 9/ 4/86 1146Z 261/ 266m

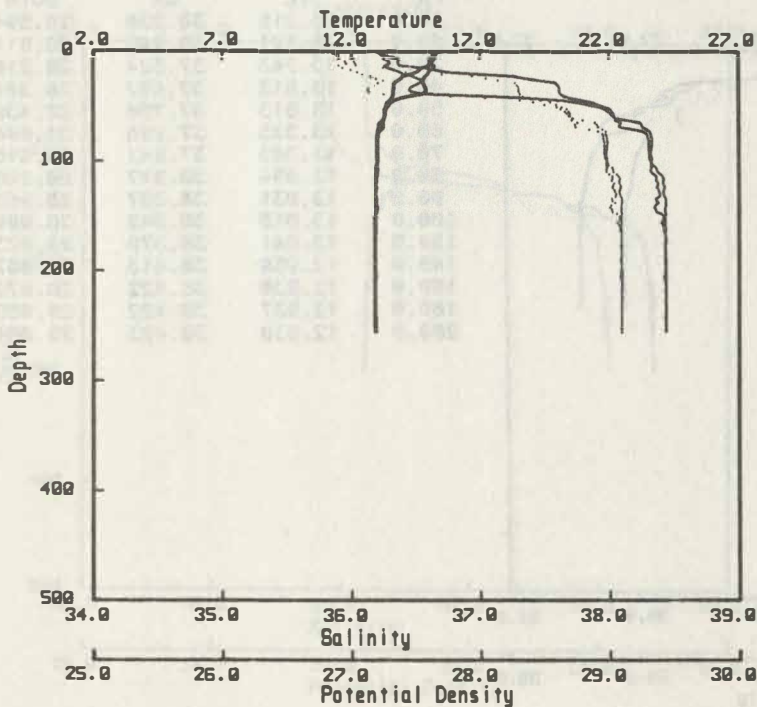
Day: 99.48 SST: 15.6 Tdry: 13.8 RH: 62.0 Wspd: 6.0 CTD #: 5  
 183 4.70 1 (MALABATA): 13 Km E and N of Tarifa: -10.2km -11.4km  
 DISC GBY002, TAPE GBY2A. PRAY FOR CONNECTORS.



PR	TE	SA	SGTH
2.0	15.209	36.204	26.870
10.0	15.210	36.214	26.878
20.0	15.165	36.229	26.900
30.0	14.969	36.338	27.028
40.0	14.116	37.170	27.857
50.0	13.659	37.657	28.332
60.0	13.610	37.699	28.375
70.0	13.563	37.739	28.416
80.0	13.412	37.909	28.580
90.0	13.366	37.963	28.632
100.0	13.326	38.020	28.685
120.0	13.198	38.162	28.822
140.0	12.932	38.415	29.074
160.0	12.932	38.417	29.076
180.0	12.932	38.420	29.079
200.0	12.961	38.395	29.054

STATION DSS008 : 35 53.9 N 5 44.2 W 9/ 4/86 1221Z 256/ 259m

Day: 99.51 SST: 15.6 Tdry: 13.8 RH: 62.0 Wspd: 4.0 CTD #: 5  
 187 4.82 1 (MALABATA): 13 Km E and N of Tarifa: -9.5km -11.2km  
 D=286, ACTUAL ST TIME 1229. A REAL SLICK AREA.

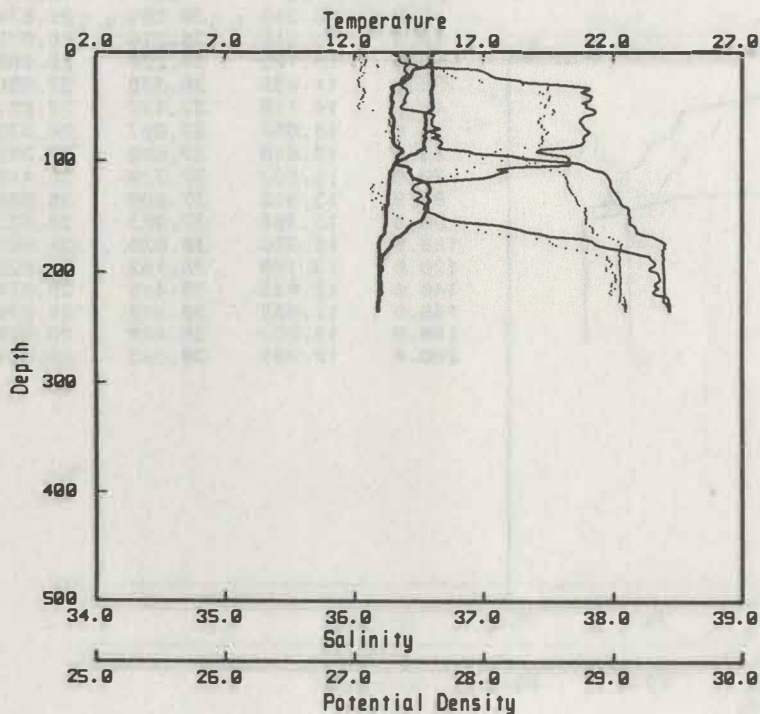


PR	TE	SA	SGTH
2.0	15.286	36.219	26.865
10.0	15.059	36.363	27.027
20.0	14.556	36.740	27.429
30.0	13.682	37.592	28.276
40.0	13.641	37.627	28.312
50.0	13.386	37.919	28.592
60.0	13.295	38.036	28.702
70.0	13.256	38.078	28.743
80.0	13.044	38.298	28.958
90.0	13.037	38.307	28.967
100.0	13.024	38.319	28.979
120.0	12.961	38.377	29.038
140.0	12.989	38.355	29.016
160.0	12.922	38.420	29.081
180.0	12.912	38.432	29.093
200.0	12.911	38.436	29.097



STATION DSS007 : 35 54.0 N 5 44.5 W 9/ 4/86 1247Z 234/ 239m

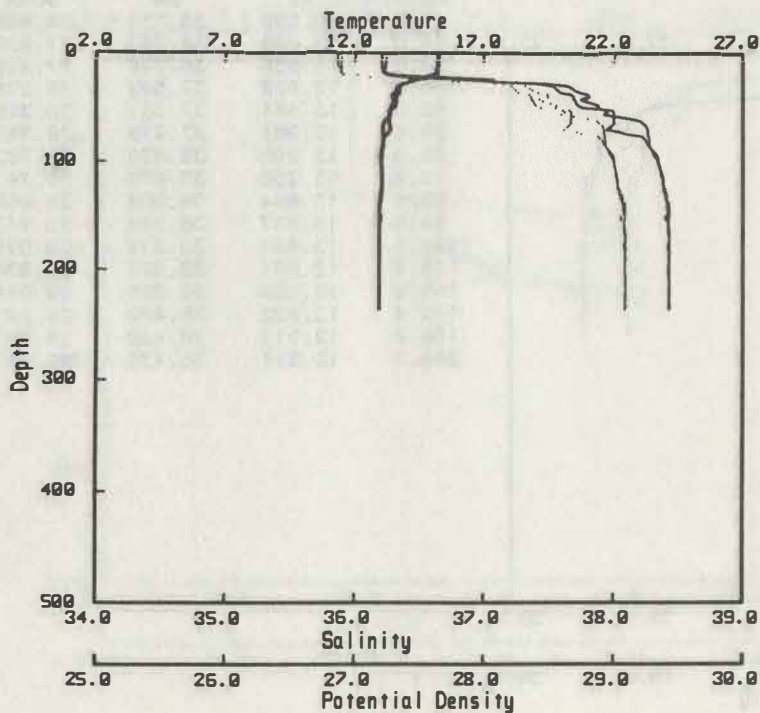
Day: 99.52 SST: 15.6 Tdry: 13.8 RH: 62.0 Wspd: 7.0 CTD #: 5  
 184 4.88 1 (MALABATA): 13 Km E and N of Tarifa: -10.0km -11.1km  
 TARGET POS.DISC GBY003, TAPE GBY2A. ANDIAMO.



PR	TE	SA	SGTH
2.0	15.042	36.413	27.069
10.0	15.008	36.430	27.090
20.0	15.023	36.415	27.075
30.0	15.060	36.370	27.032
40.0	15.014	36.401	27.067
50.0	15.071	36.363	27.025
60.0	14.771	36.612	27.284
70.0	14.714	36.665	27.338
80.0	14.714	36.666	27.339
90.0	14.475	36.881	27.557
100.0	13.586	37.721	28.398
120.0	13.356	37.977	28.646
140.0	13.234	38.115	28.779
160.0	13.174	38.177	28.840
180.0	12.964	38.382	29.043
200.0	12.958	38.390	29.051

STATION DSS008 : 35 54.0 N 5 44.0 W 8/ 4/86 1320Z 235/ 245m

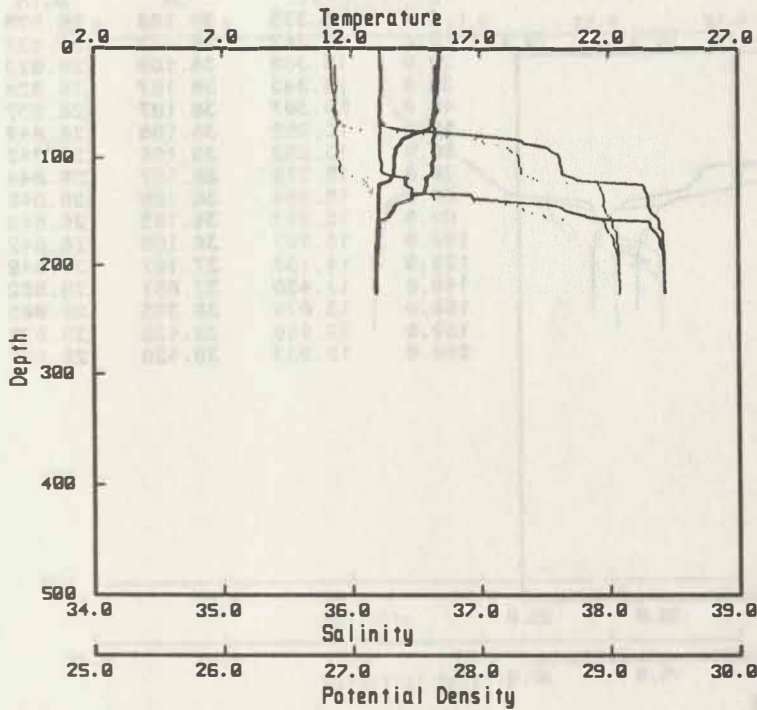
Day: 98.55 SST: 15.6 Tdry: 13.8 RH: 62.0 Wspd: 8.0 CTD #: 5  
 188 4.94 1 (MALABATA): 13 Km E and N of Tarifa: -9.3km -11.1km  
 FIRE AND BOAT ON STANDBY. 1318, DISC GBY003, TAPGBY2A.



PR	TE	SA	SGTH
10.0	15.215	36.236	26.894
20.0	15.171	36.245	26.911
30.0	13.743	37.524	28.210
40.0	13.612	37.687	28.364
50.0	13.513	37.756	28.439
60.0	13.325	37.998	28.666
70.0	13.365	37.942	28.615
80.0	13.094	38.247	28.908
90.0	13.031	38.307	28.968
100.0	13.015	38.342	28.999
120.0	13.041	38.379	29.023
140.0	12.959	38.413	29.067
160.0	12.936	38.422	29.079
180.0	12.937	38.422	29.080
200.0	12.939	38.423	29.081

STATION DSS009 : 35 54.2 N 5 44.1 W 9/ 4/86 1340Z 226/ 265m

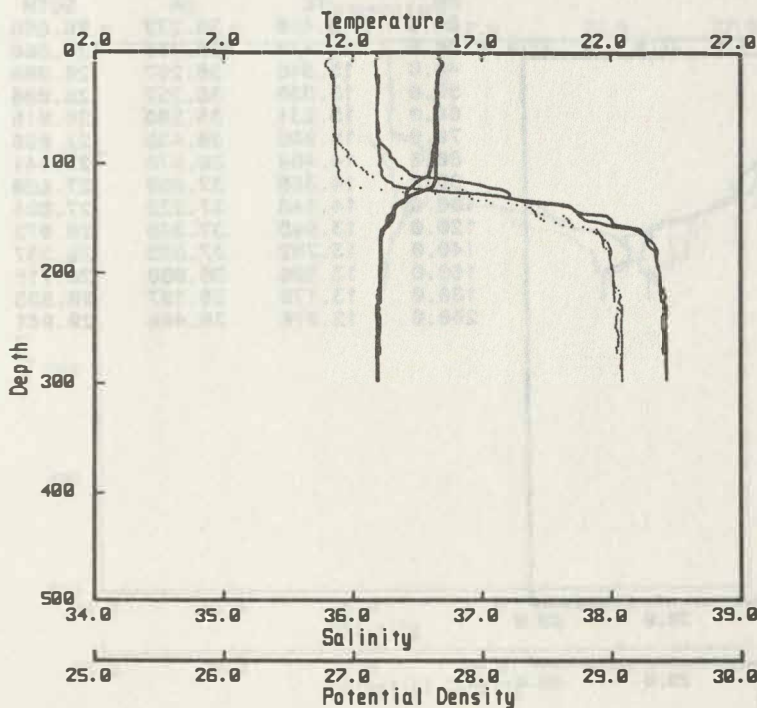
Day: 99.56 SST: 15.6 Tdry: 13.8 RH: 62.0 Wspd: 8.0 CTD #: 5  
 187 5.06 1 (MALABATA): 13 AKm E and N of Tarifa: -9.5km -10.8km  
 D=255



PR	TE	SA	SGTH
20.0	15.279	36.234	26.878
30.0	15.273	36.234	26.880
40.0	15.260	36.229	26.880
50.0	15.252	36.221	26.876
60.0	15.178	36.218	26.890
70.0	15.092	36.266	26.947
80.0	14.223	37.051	27.743
90.0	13.737	37.531	28.219
100.0	13.666	37.624	28.306
120.0	13.513	37.763	28.447
140.0	13.052	38.301	28.961
160.0	13.035	38.381	29.027
180.0	12.975	38.416	29.067
200.0	12.962	38.421	29.074

STATION DSS010 : 35 54.0 N 5 43.7 W 9/ 4/86 1400Z 297/ 317m

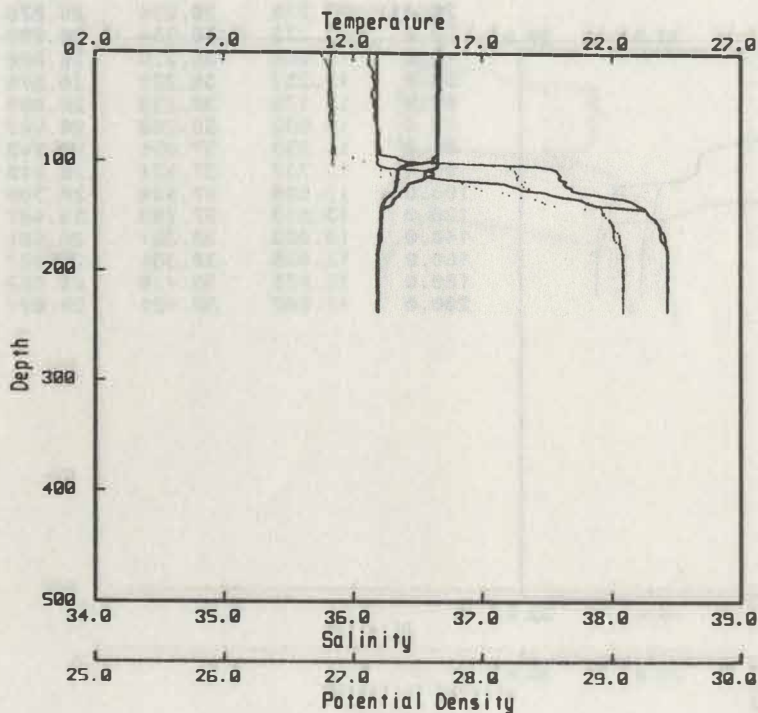
Day: 99.58 SST: 15.4 Tdry: 13.4 RH: 54.0 Wspd: 6.0 CTD #: 5  
 191 4.95 1 (MALABATA): 13 AKm E and N of Tarifa: -8.9km -11.1km  
 GBY004 TAPE GBY2B



PR	TE	SA	SGTH
20.0	15.300	36.204	26.851
30.0	15.270	36.196	26.852
40.0	15.270	36.193	26.850
50.0	15.189	36.187	26.863
60.0	15.185	36.187	26.865
70.0	15.189	36.186	26.863
80.0	15.179	36.201	26.878
90.0	15.098	36.285	26.961
100.0	15.046	36.341	27.016
120.0	14.302	36.997	27.686
140.0	13.601	37.697	28.378
160.0	13.126	38.224	28.886
180.0	13.084	38.333	28.980
200.0	13.064	38.372	29.015

STATION DSS011 : 35 53.9 N 5 42.7 W 9/ 4/86 1427Z 235/ 250m

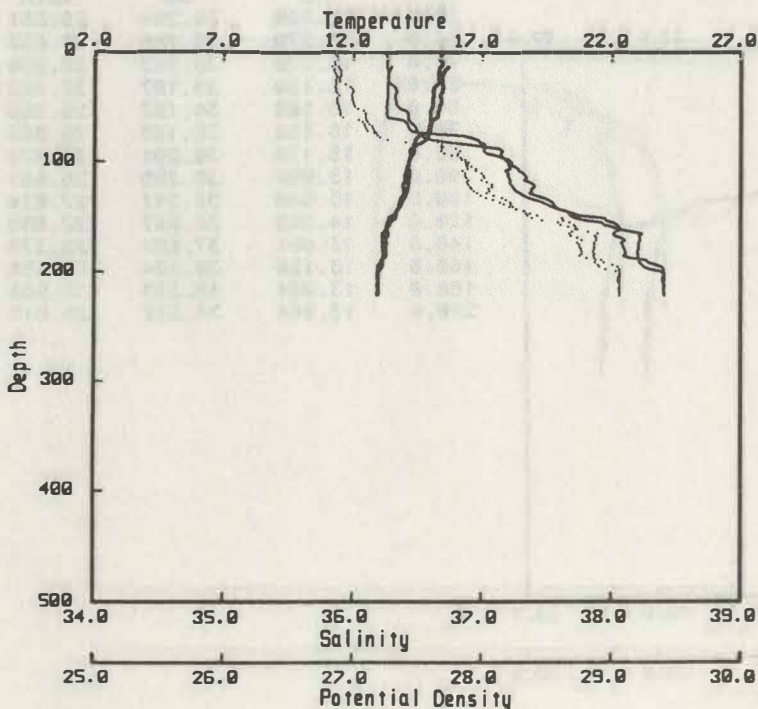
Day: 99.59 SST: 15.4 Tdry: 13.4 RH: 54.0 Wspd: 6.0 CTD #: 5  
 200 5.04 1 (MALABATA): 13 Km E and N of Tarifa: -7.4km -11.3km  
 TAPE GBY003



PR	TE	SA	SGTH
2.0	15.335	36.186	26.828
10.0	15.367	36.187	26.822
20.0	15.360	36.186	26.823
30.0	15.343	36.187	26.828
40.0	15.307	36.187	26.837
50.0	15.282	36.186	26.842
60.0	15.282	36.186	26.842
70.0	15.279	36.187	26.844
80.0	15.284	36.189	26.845
90.0	15.293	36.185	26.840
100.0	15.297	36.188	26.842
120.0	14.153	37.167	27.849
140.0	13.450	37.881	28.552
160.0	13.079	38.365	29.005
180.0	12.968	38.425	29.076
200.0	12.933	38.429	29.087

STATION DSS012 : 35 53.7 N 5 43.3 W 9/ 4/86 1525Z 219/ 250m

Day: 99.64 SST: 15.4 Tdry: 13.4 RH: 54.0 Wspd: 10.0 CTD #: 5  
 196 4.76 1 (MALABATA): 13 Km E and N of Tarifa: -8.2km -11.6km  
 DISC GBY004 TAPE GBY003 .. REAL DEPTH 300

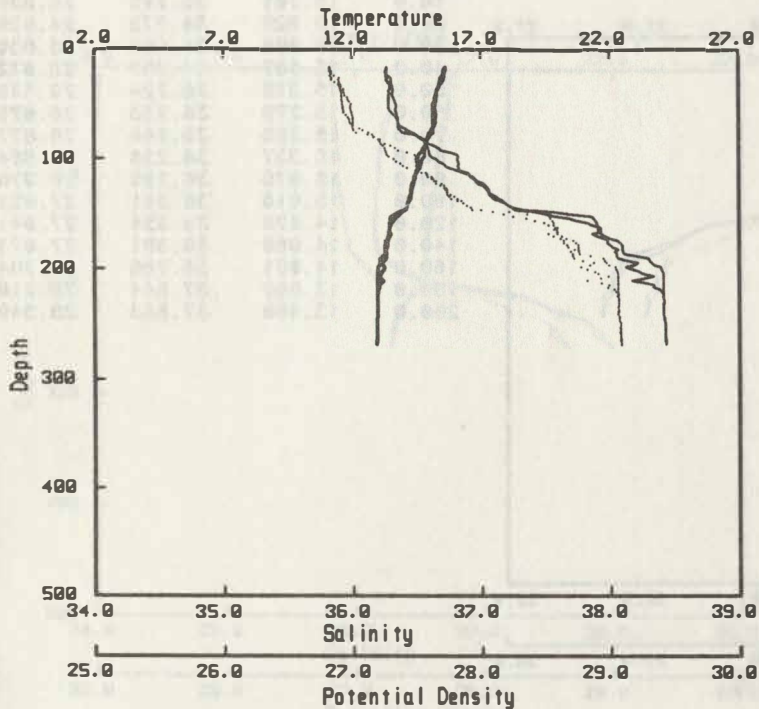


PR	TE	SA	SGTH
20.0	15.490	36.272	26.860
30.0	15.470	36.266	26.860
40.0	15.346	36.267	26.889
50.0	15.330	36.257	26.886
60.0	15.231	36.266	26.915
70.0	15.005	36.435	27.096
80.0	14.404	36.970	27.641
90.0	14.368	37.009	27.680
100.0	14.148	37.225	27.894
120.0	13.945	37.398	28.072
140.0	13.782	37.565	28.237
160.0	13.306	38.056	28.718
180.0	13.179	38.197	28.855
200.0	12.970	38.406	29.061



STATION DSS013 : 35 53.8 N 5 43.0 W 9/ 4/86 1612Z 267/ 277m

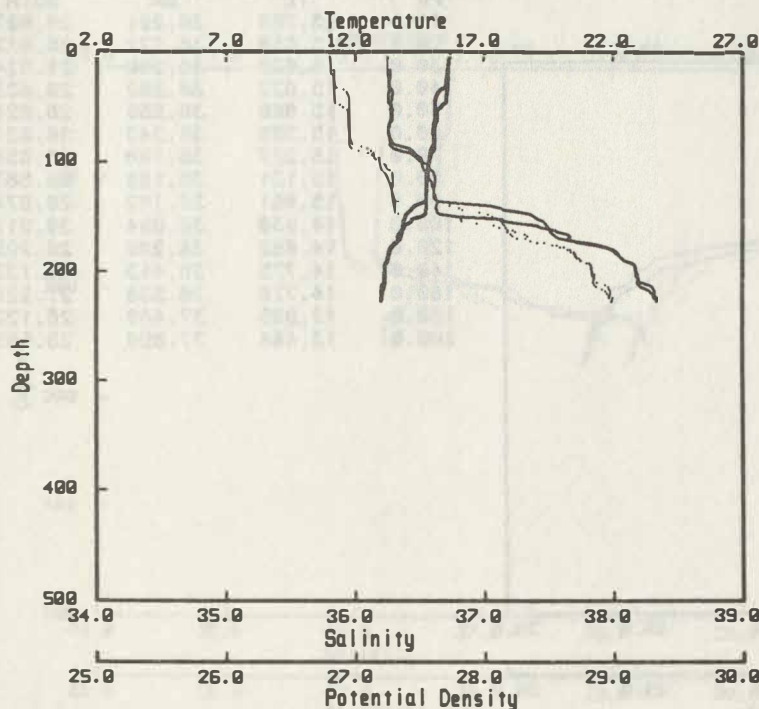
Day: 99.67 SST: 15.6 Tdry: 13.0 RH: 47.0 Wspd: 10.0 CTD #: 5  
 198 4.92 1 (MALABATA): 13 APkm E and N of Tarifa: -7.8km -11.4km  
 DISC GBY005 TAPE GBY3A .. DEPTH 205



PR	TE	SA	SGTH
20.0	15.598	36.263	26.829
30.0	15.417	36.306	26.903
40.0	15.286	36.315	26.940
50.0	15.139	36.345	26.996
60.0	15.130	36.351	27.003
70.0	15.134	36.358	27.008
80.0	14.979	36.524	27.171
90.0	14.757	36.673	27.335
100.0	14.558	36.820	27.493
120.0	14.400	36.963	27.638
140.0	14.168	37.187	27.862
160.0	13.459	37.898	28.564
180.0	13.278	38.094	28.754
200.0	12.995	38.393	29.046

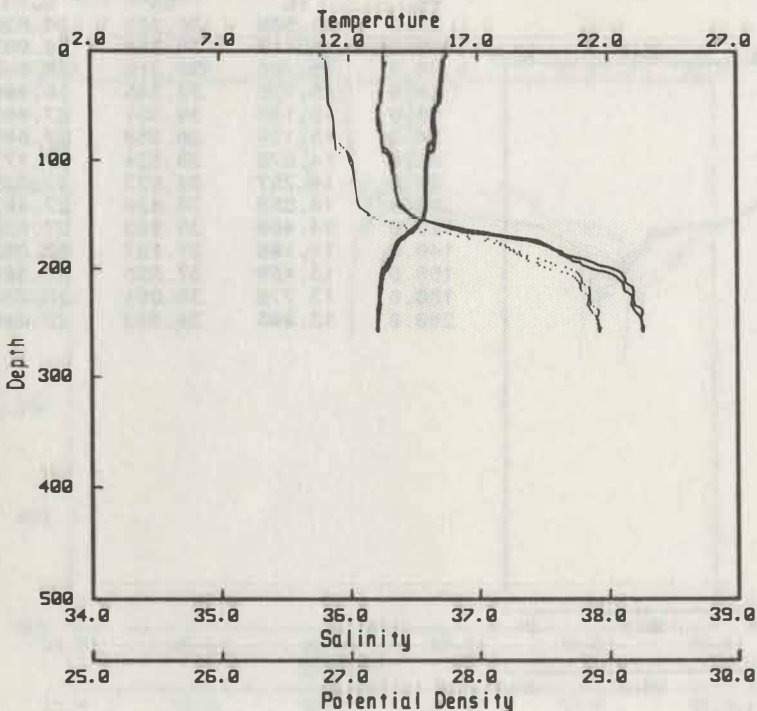
STATION DSS014 : 35 54.0 N 5 43.4 W 9/ 4/86 1655Z 227/ 230m

Day: 99.69 SST: 15.8 Tdry: 13.0 RH: 47.0 Wspd: 11.0 CTD #: 5  
 194 4.98 1 (MALABATA): 13 APkm E and N of Tarifa: -8.4km -11.2km  
 GBY005 / GBY3A AND B WE JUST RETAPED CTD



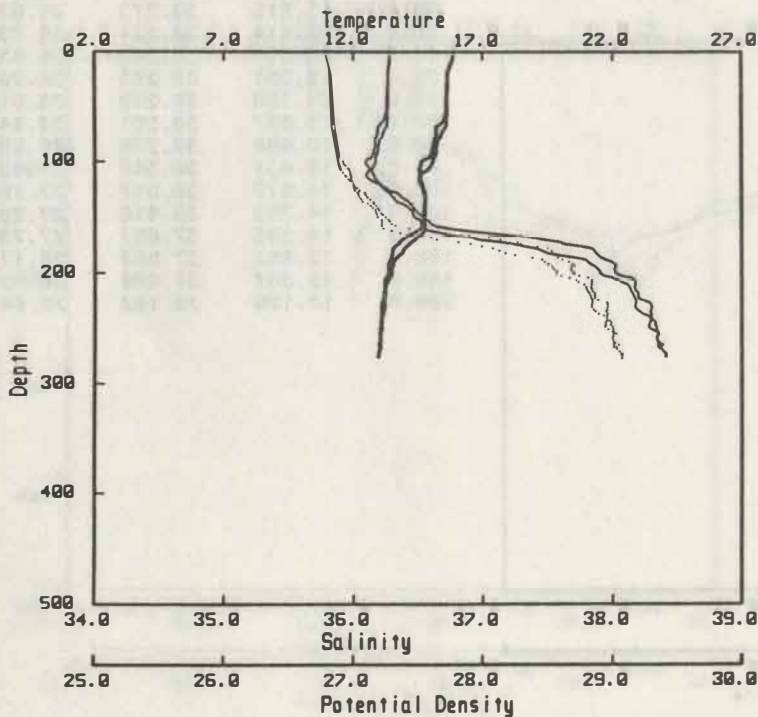
PR	TE	SA	SGTH
20.0	15.615	36.273	26.833
30.0	15.614	36.271	26.832
40.0	15.561	36.262	26.837
50.0	15.351	36.283	26.901
60.0	15.198	36.290	26.941
70.0	15.087	36.261	26.944
80.0	15.089	36.270	26.951
90.0	15.031	36.349	27.025
100.0	14.877	36.517	27.189
120.0	14.783	36.618	27.288
140.0	14.296	37.057	27.734
160.0	13.853	37.503	28.175
180.0	13.367	37.989	28.654
200.0	13.176	38.182	28.844

STATION DSS015 : 35 54.0 N 5 43.5 W 9/ 4/86 1725Z 257/ 267m

Day: 99.72 SST: 15.6 Tdry: 13.0 RH: 47.0 Wspd: 11.0 CTD #: 5  
193 4.98 1 (MALABATA): 13 APKm E and N of Tarifa: -8.5km -11.1km  
GBY005 GBY 3B

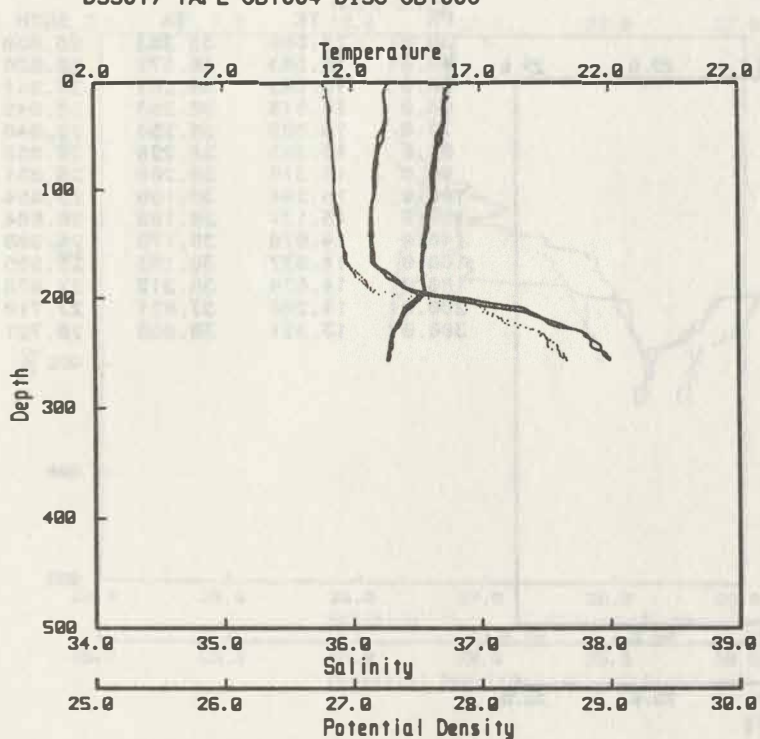
PR	TE	SA	SGTH
10.0	15.701	36.295	26.829
20.0	15.629	36.272	26.829
30.0	15.595	36.264	26.830
40.0	15.567	36.257	26.832
50.0	15.379	36.224	26.849
60.0	15.279	36.233	26.879
70.0	15.326	36.244	26.877
80.0	15.337	36.256	26.884
90.0	15.076	36.299	26.976
100.0	15.016	36.341	27.022
120.0	14.979	36.354	27.041
140.0	14.969	36.391	27.073
160.0	14.661	36.706	27.384
180.0	13.809	37.544	28.216
200.0	13.480	37.883	28.549

STATION DSS016 : 35 54.0 N 5 43.0 W 9/ 4/86 1757Z 275/ 285m

Day: 99.73 SST: 15.9 Tdry: 13.2 RH: 52.0 Wspd: 6.0 CTD #: 5  
197 5.10 1 (MALABATA): 13 APKm E and N of Tarifa: -7.9km -11.1km  
DSS016.DISCGBY0-06.TAPEGBY003B.WE THINK WERE READY.

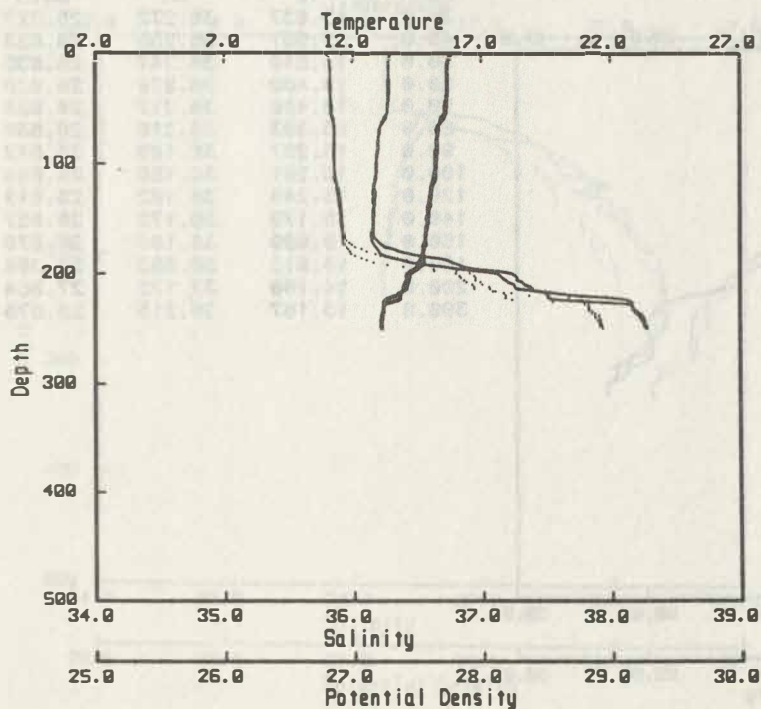
PR	TE	SA	SGTH
10.0	15.786	36.291	26.807
20.0	15.658	36.272	26.822
30.0	15.638	36.268	26.824
40.0	15.622	36.262	26.823
50.0	15.609	36.259	26.824
60.0	15.526	36.243	26.831
70.0	15.227	36.190	26.858
80.0	15.131	36.168	26.863
90.0	15.061	36.162	26.874
100.0	14.630	36.094	26.917
120.0	14.662	36.209	26.999
140.0	14.775	36.413	27.132
160.0	14.776	36.538	27.229
180.0	13.905	37.449	28.122
200.0	13.464	37.899	28.565

STATION DSS017 : 35 53.8 N 5 43.6 W 9/ 4/86 1841Z 256/ 265m

Day: 99.77 SST: 15.7 Tdry: 12.8 RH: 56.0 Wspd: 8.0 CTD #: 5  
193 4.80 1 (MAL ABATA): 13 APkm E and N of Tarifa: -8.6km -11.4km  
DSS017 TAPE GBY004 DISC GBY006

PR	TE	SA	SGTH
20.0	15.634	36.265	26.822
30.0	15.621	36.264	26.825
40.0	15.554	36.251	26.830
50.0	15.329	36.208	26.848
60.0	15.295	36.200	26.850
70.0	15.235	36.188	26.855
80.0	15.145	36.174	26.864
90.0	15.119	36.170	26.867
100.0	15.134	36.170	26.864
120.0	15.000	36.147	26.877
140.0	14.844	36.139	26.906
160.0	14.731	36.147	26.938
180.0	14.727	36.262	27.028
200.0	14.590	36.753	27.437

STATION DSS018 : 35 54.1 N 5 43.4 W 9/ 4/86 1917Z 249/ 258m

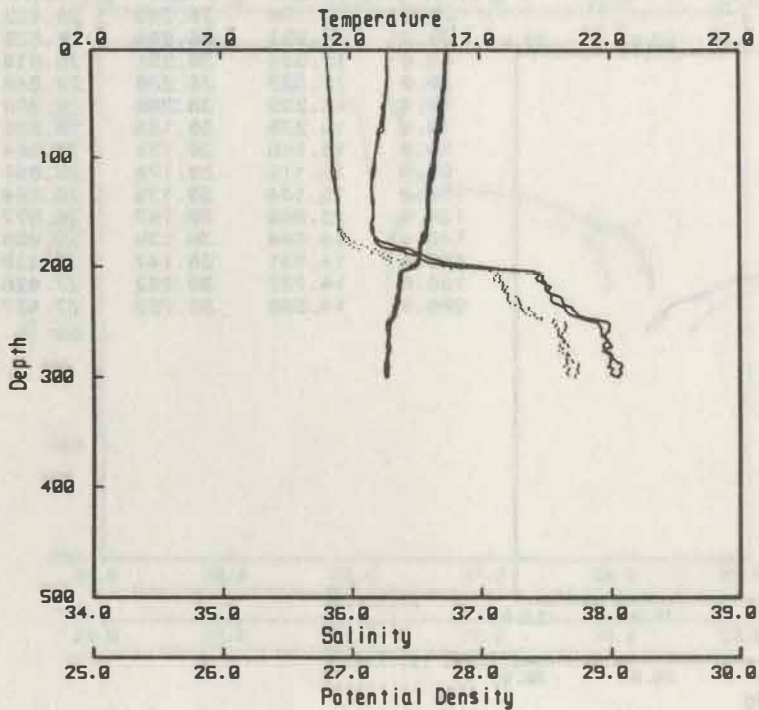
Day: 99.80 SST: 15.7 Tdry: 12.8 RH: 56.0 Wspd: 6.0 CTD #: 5  
194 5.06 1 (MAL ABATA): 13 APkm E and N of Tarifa: -8.4km -11.0km  
DSS018, DISC GBY006, TAPE GBY004

PR	TE	SA	SGTH
30.0	15.678	36.277	26.822
40.0	15.662	36.274	26.823
50.0	15.638	36.270	26.826
60.0	15.535	36.254	26.837
70.0	15.333	36.213	26.852
80.0	15.281	36.197	26.852
90.0	15.285	36.196	26.850
100.0	15.236	36.183	26.852
120.0	15.084	36.164	26.872
140.0	14.995	36.163	26.891
160.0	14.874	36.154	26.912
180.0	14.738	36.206	26.982
200.0	14.230	37.118	27.797



STATION DSS019 : 35 54.1 N 5 43.8 W 9/ 4/86 1951Z 299/ 309m

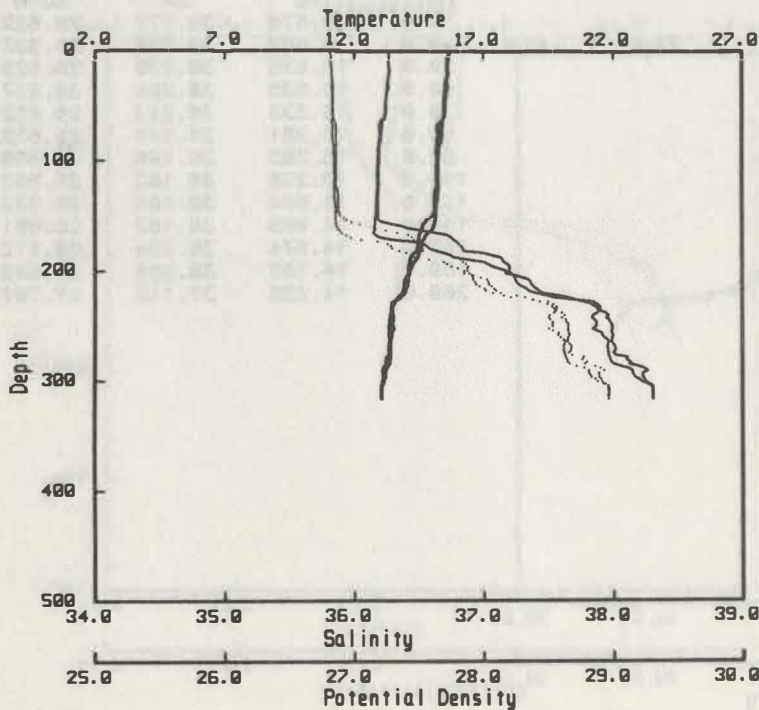
Day: 99.81 SST: 15.6 Tdry: 12.4 RH: 70.0 Wspd: 12.0 CTD #: 5  
 190 5.04 1 (MALABATA): 13 APkm E and N of Tarifa: -9.0km -10.9km  
 DSS019, DISC GBY007, TAPE GBY004



PR	TE	SA	SGTH
30.0	15.660	36.283	26.830
40.0	15.583	36.271	26.839
50.0	15.563	36.267	26.841
60.0	15.546	36.263	26.842
70.0	15.500	36.254	26.846
80.0	15.365	36.220	26.650
90.0	15.316	36.206	26.851
100.0	15.244	36.188	26.854
120.0	15.137	36.169	26.864
140.0	14.976	36.175	26.905
160.0	14.937	36.163	26.905
180.0	14.674	36.312	27.078
200.0	14.286	37.021	27.710
300.0	13.321	38.058	28.721

STATION DSS020 : 35 53.9 N 5 43.9 W 9/ 4/86 2019Z 314/ 319m

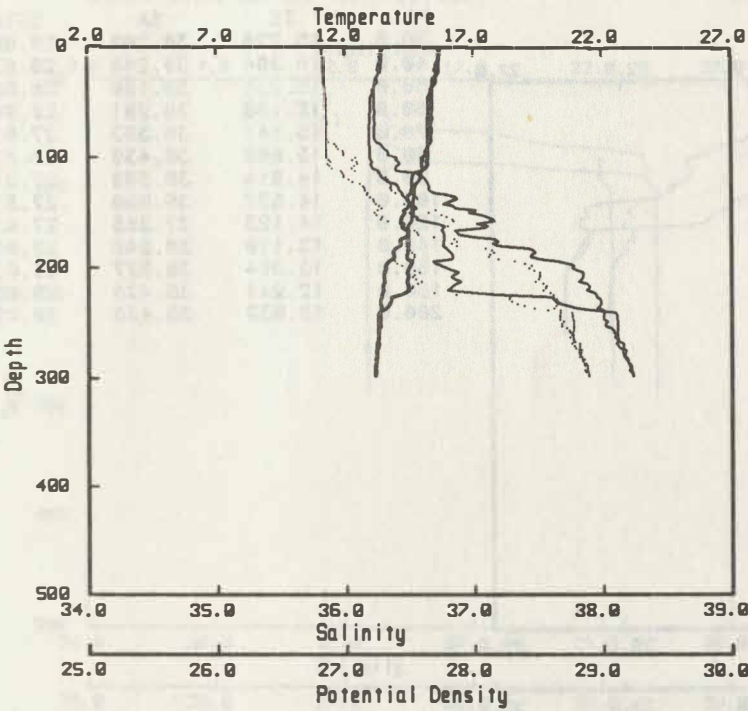
Day: 99.84 SST: 15.6 Tdry: 12.4 RH: 70.0 Wspd: 6.0 CTD #: 5  
 190 4.80 1 (MALABATA): 13 AP Km E and N of Tarifa: -9.1km -11.4km  
 DSS020, DISC GBY007, TAPE GBY004



PR	TE	SA	SGTH
30.0	15.637	36.272	26.827
40.0	15.557	36.255	26.833
50.0	15.519	36.247	26.835
60.0	15.480	36.239	26.838
70.0	15.409	36.217	26.838
80.0	15.393	36.210	26.836
90.0	15.297	36.189	26.842
100.0	15.261	36.185	26.848
120.0	15.249	36.182	26.849
140.0	15.179	36.172	26.857
160.0	15.099	36.164	26.870
180.0	14.615	36.583	27.300
200.0	14.160	37.172	27.854
300.0	13.167	38.215	28.875

STATION DSS021 : 35 53.0 N 5 43.8 W 9/ 4/86 2057Z 296/ 310m

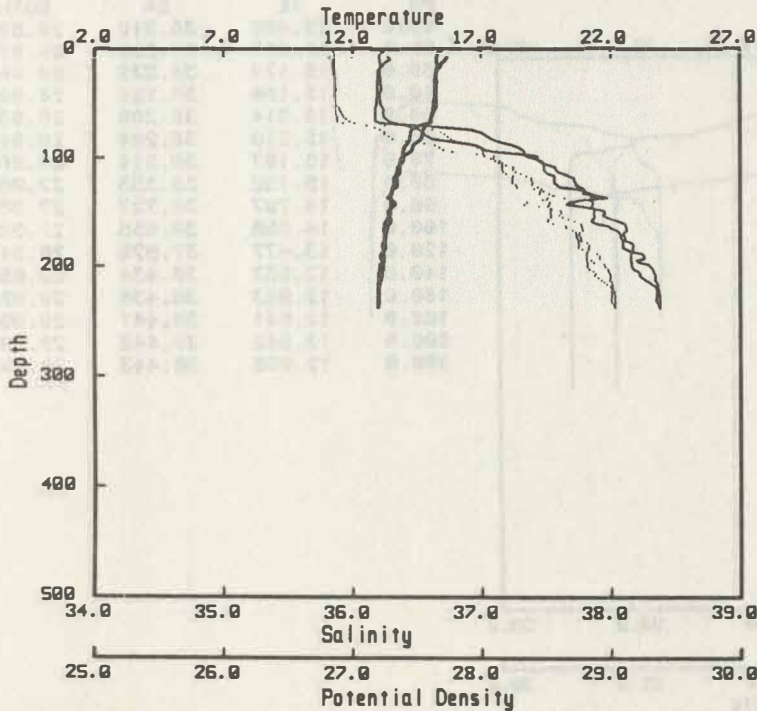
Day: 99.86 SST: 15.6 Tdry: 12.4 RH: 70.0 Wspd: 6.0 CTD #: 5  
 190 4.88 1 (MALABATA): 13 APKm E and N of Tarifa: -9.1km -11.2km  
 DSS021, DISC GBY007, TAPE GBY004B



PR	TE	SA	SGTH
2.0	15.693	36.298	26.833
10.0	15.673	36.289	26.831
20.0	15.652	36.280	26.829
30.0	15.545	36.254	26.834
40.0	15.352	36.216	26.849
50.0	15.262	36.199	26.856
60.0	15.258	36.198	26.857
70.0	15.240	36.194	26.858
80.0	15.243	36.192	26.856
90.0	15.247	36.196	26.859
100.0	15.249	36.196	26.859
120.0	14.898	36.315	27.029
140.0	14.644	36.496	27.225
160.0	14.495	36.714	27.427
180.0	14.463	36.763	27.472
200.0	14.478	36.790	27.490

STATION DSS022 : 35 54.2 N 5 44.1 W 9/ 4/86 2136Z 239/ 245m

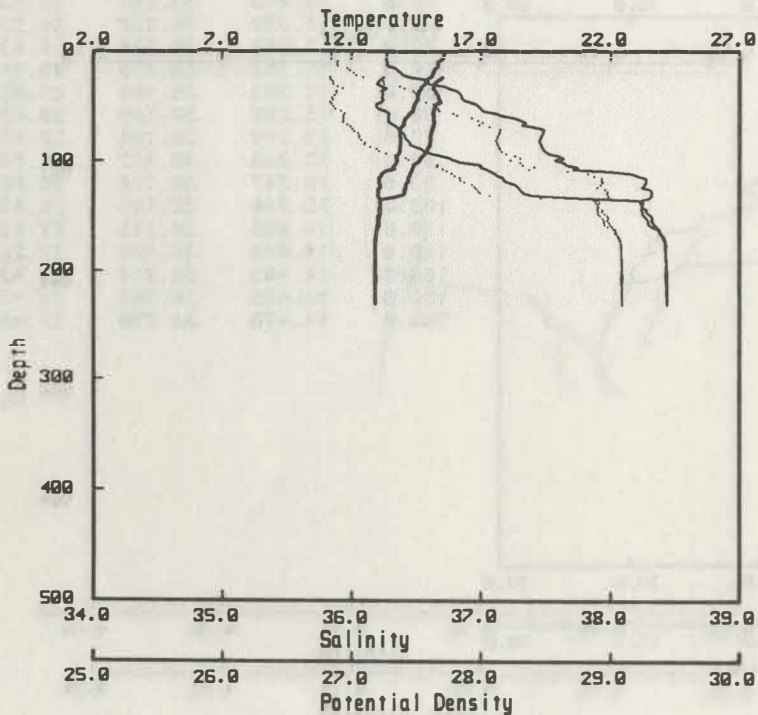
Day: 99.89 SST: 15.6 Tdry: 12.7 RH: 62.0 Wspd: 8.0 CTD #: 5  
 187 5.10 1 (MALABATA): 13 APKm E and N of Tarifa: -9.5km -10.7km  
 DSS022, DISC GBY008, TAPE GBY005



PR	TE	SA	SGTH
10.0	15.607	36.298	26.853
20.0	15.278	36.204	26.856
30.0	15.227	36.198	26.863
40.0	15.223	36.198	26.864
50.0	15.167	36.190	26.871
60.0	15.096	36.182	26.881
70.0	14.610	36.528	27.255
80.0	14.234	37.051	27.741
90.0	14.015	37.287	27.971
100.0	13.904	37.412	28.091
120.0	13.755	37.564	28.241
140.0	13.650	37.678	28.353
160.0	13.254	38.108	28.770
180.0	13.191	38.174	28.835
200.0	13.207	38.161	28.822

STATION FSS001 : 35 54.2 N 5 44.2 W 9/ 4/86 2222Z 230/ 242m

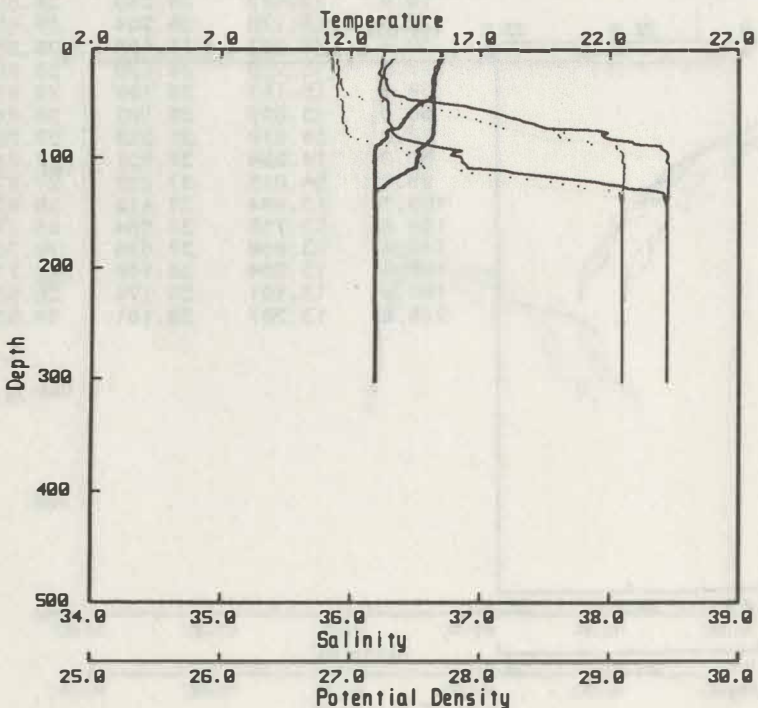
Day: 99.93 SST: 15.6 Tdry: 12.7 RH: 62.0 Wspd: 4.0 CTD #: 5  
 186 5.10 1 (MALABATA): 07 MAKm E and N of Tarifa: -9.6km -10.7km  
 FSS001, DISK=GBY008 TAPE=GBY005



PR	TE	SA	SGTH
30.0	15.226	36.202	26.866
40.0	15.364	36.248	26.871
50.0	15.234	36.196	26.860
60.0	15.188	36.291	26.944
70.0	15.141	36.363	27.010
80.0	15.069	36.430	27.078
90.0	14.914	36.560	27.213
100.0	14.577	36.850	27.512
120.0	14.123	37.265	27.931
140.0	13.119	38.248	28.906
160.0	12.994	38.377	29.032
180.0	12.944	38.426	29.081
200.0	12.939	38.436	29.091

STATION FSS002 : 35 54.5 N 5 44.5 W 9/ 4/86 2256Z 301/ 311m

Day: 99.94 SST: 15.6 Tdry: 12.7 RH: 62.0 Wspd: 4.0 CTD #: 5  
 183 5.36 1 (MALABATA): 07 MAYKm E and N of Tarifa: -10.1km -10.2km  
 FSS002, DISK=GBY008, TAPE=GBY005

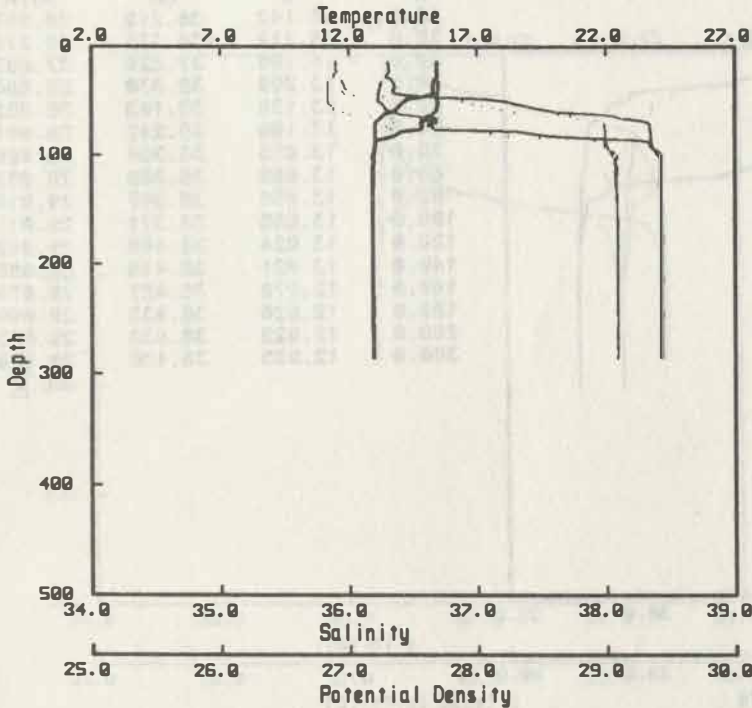


PR	TE	SA	SGTH
10.0	15.490	36.319	26.896
20.0	15.257	36.262	26.905
30.0	15.174	36.232	26.901
40.0	15.160	36.224	26.898
50.0	15.214	36.290	26.937
60.0	15.210	36.294	26.941
70.0	15.197	36.314	26.960
80.0	15.152	36.353	27.001
90.0	14.707	36.727	27.388
100.0	14.558	36.858	27.522
120.0	13.477	37.876	28.542
140.0	12.937	38.434	29.088
160.0	12.963	38.438	29.086
180.0	12.941	38.441	29.094
200.0	12.942	38.442	29.095
300.0	12.958	38.443	29.095



STATION FSS003 : 35 54.4 N 5 44.9 W 9/ 4/86 2333Z 285/ 295m

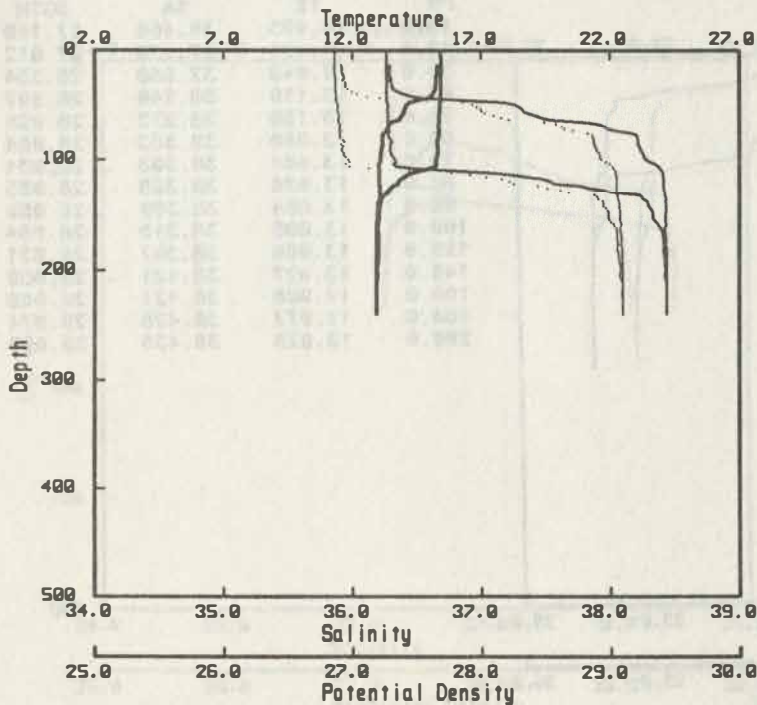
Day: 99.97 SST: 15.5 Tdry: 12.8 RH: 71.8 Wspd: 2.0 CTD #: 5  
 180 5.22 1 (MALABATA): 08 MAKm E and N of Tarif a: -10.6km -10.4km  
 FSS003 DISK=GBY009 TAPE=GBY005



PR	TE	SA	SGTH
40.0	15.477	36.238	26.838
50.0	15.423	36.224	26.839
60.0	15.327	36.345	26.954
70.0	14.776	36.693	27.346
80.0	13.908	37.436	28.108
90.0	13.041	38.340	28.992
100.0	12.941	38.440	29.090
120.0	12.939	38.432	29.085
140.0	12.946	38.428	29.081
160.0	12.937	38.436	29.090
180.0	12.939	38.436	29.090
200.0	12.947	38.438	29.091

STATION FSS004 : 35 54.4 N 5 44.5 W 10/ 4/86 7Z 239/ 249m

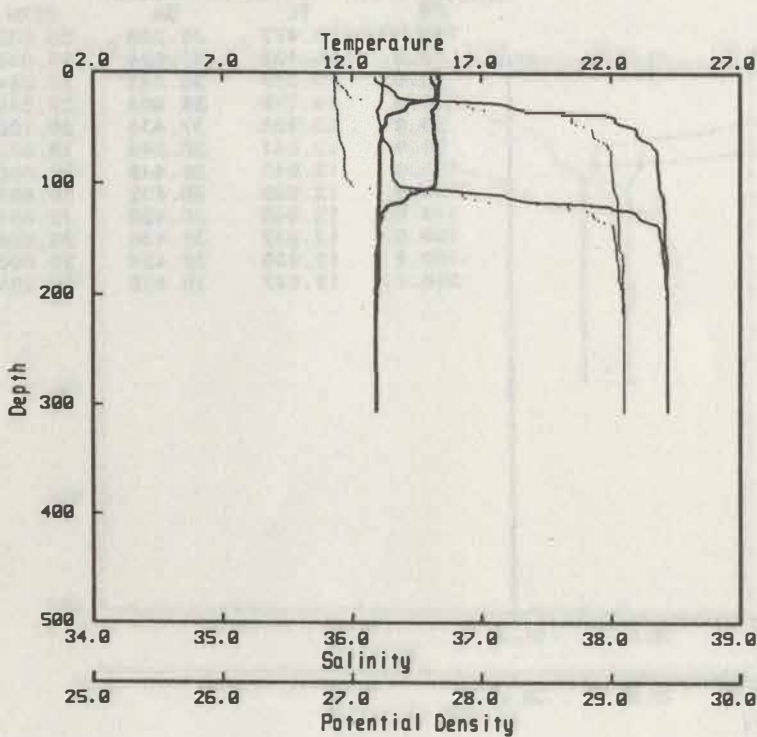
Day: 100.00 SST: 15.5 Tdry: 12.8 RH: 71.2 Wspd: .0 CTD #: 5  
 183 5.22 1 (MALABATA): 08 MAYKm E and N of Tarif a: -10.1km -10.5km  
 FSS004 DISK=GBY009 TAPE=GBY005B



PR	TE	SA	SGTH
20.0	15.288	36.286	26.916
30.0	15.230	36.303	26.943
40.0	15.113	36.389	27.036
50.0	14.083	37.259	27.933
60.0	13.893	37.421	28.099
70.0	13.364	37.960	28.629
80.0	13.152	38.211	28.868
90.0	13.125	38.232	28.891
100.0	13.078	38.273	28.932
120.0	13.037	38.412	29.049
140.0	12.986	38.425	29.071
160.0	12.941	38.424	29.080
180.0	12.922	38.434	29.092
200.0	12.920	38.438	29.096

STATION FSS005 : 35 54.5 N 5 44.8 W 10/ 4/86 46Z 305/ 315m

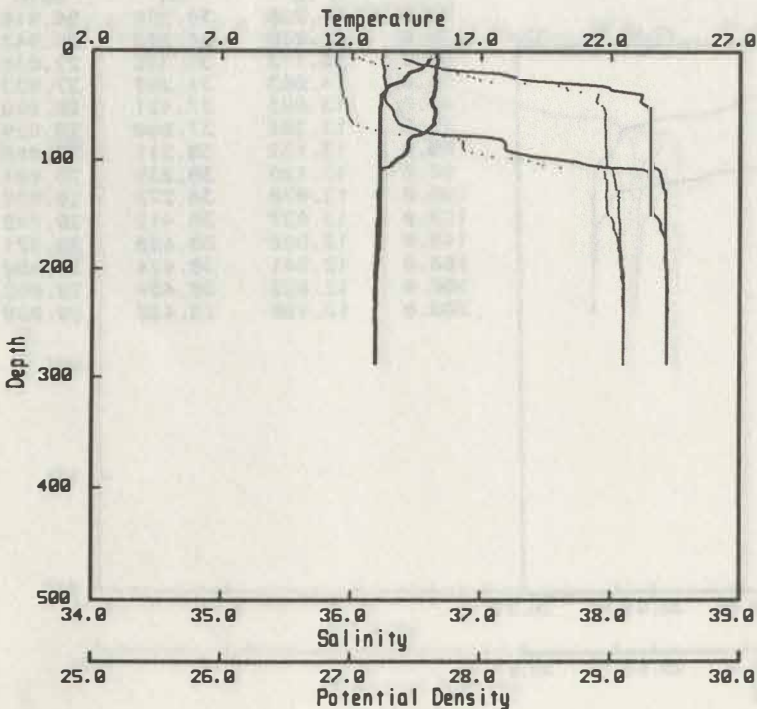
Day: 100.02 SST: 15.5 Tdry: 12.8 RH: 71.8 Wspd: 4.0 CTD #: 5  
 181 5.32 1 (MALABATA):08 MAYKm E and N of Tarifa: -10.4km -10.3km  
 FSS005 DISK=GBY009 TAPE=GBY005B



PR	TE	SA	SGTH
10.0	15.142	36.219	26.897
20.0	15.212	36.333	26.970
30.0	14.108	37.220	27.897
40.0	13.299	38.030	28.696
50.0	13.159	38.193	28.852
60.0	13.109	38.242	28.901
70.0	13.055	38.354	28.999
80.0	13.058	38.359	29.003
90.0	13.056	38.367	29.010
100.0	13.055	38.371	29.013
120.0	13.024	38.408	29.049
140.0	13.021	38.418	29.058
160.0	12.970	38.427	29.076
180.0	12.926	38.433	29.090
200.0	12.922	38.435	29.093
300.0	12.925	38.438	29.098

STATION FSS006 : 35 54.6 N 5 44.6 W 10/ 4/86 121Z 287/ 297m

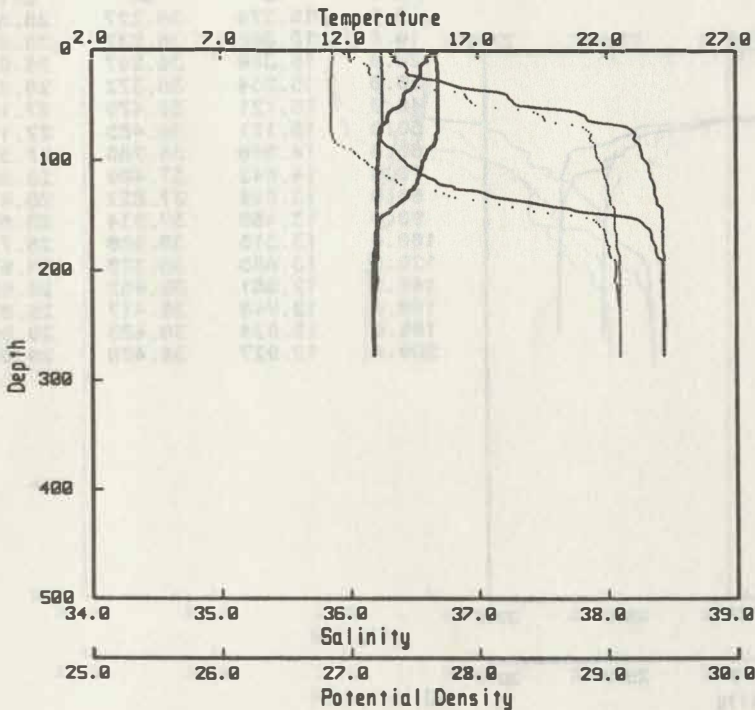
Day: 100.05 SST: 15.2 Tdry: 12.8 RH: 72.8 Wspd: 8.0 CTD #: 5  
 182 5.50 1 (MALABATA):08 MAYKm E and N of Tarifa: -10.3km -9.9km  
 FSS006 DISK=GBY010 TAPE=GBY006



PR	TE	SA	SGTH
10.0	14.905	36.466	27.140
20.0	14.194	37.135	27.812
30.0	13.648	37.658	28.334
40.0	13.119	38.240	28.897
50.0	13.100	38.272	28.926
60.0	13.080	38.303	28.954
70.0	13.084	38.303	28.954
80.0	13.086	38.305	28.955
90.0	13.084	38.309	28.959
100.0	13.085	38.315	28.964
120.0	13.068	38.397	29.031
140.0	13.027	38.421	29.059
160.0	12.988	38.421	29.088
180.0	12.977	38.425	29.074
200.0	12.925	38.435	29.093

STATION FSS007 : 35 54.6 N 5 44.6 W 10/ 4/86 147Z 277/ 299m

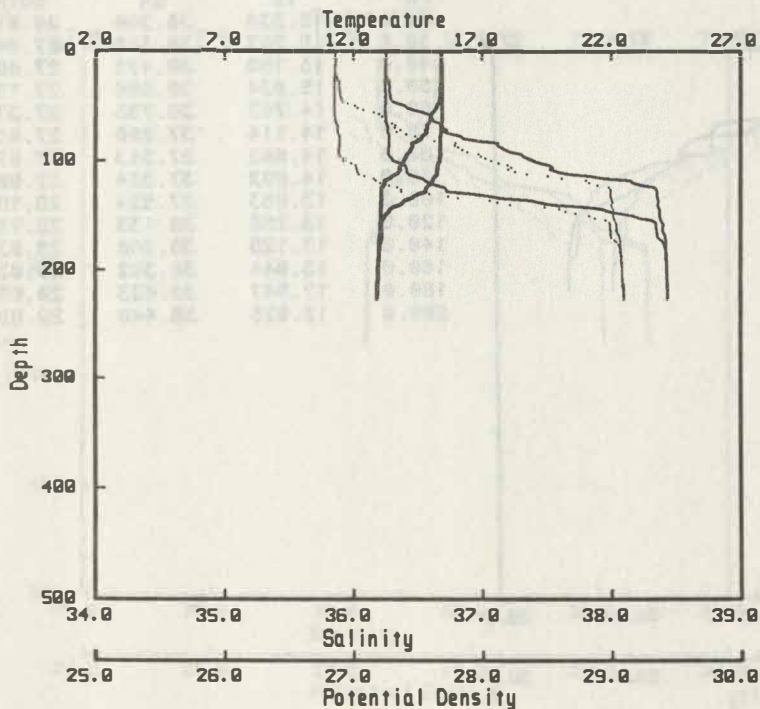
Day: 100.06 SST: 15.2 Tdry: 12.8 RH: 72.8 Wspd: 8.0 CTD #: 5  
 182 5.46 1 (MALABATA):08 MAYKm E and N of Tarifa: -10.3km -10.0km  
 FSS007 DISK=GBY010 TAPE=GBY006



PR	TE	SA	SGTH
2.0	15.230	36.318	26.953
10.0	15.040	36.339	27.012
20.0	14.774	36.442	27.151
30.0	14.548	36.751	27.439
40.0	14.118	37.222	27.897
50.0	14.019	37.306	27.983
60.0	13.481	37.834	28.507
70.0	13.200	38.153	28.813
80.0	13.156	38.204	28.862
90.0	13.122	38.254	28.908
100.0	13.109	38.285	28.935
120.0	13.076	38.353	28.996
140.0	13.065	38.384	29.022
160.0	13.061	38.427	29.057
180.0	12.988	38.427	29.073
200.0	12.919	38.437	29.096

STATION FSS008 : 35 54.6 N 5 43.8 W 10/ 4/86 224Z 227/ 239m

Day: 100.09 SST: 15.2 Tdry: 12.8 RH: 72.8 Wspd: 9.0 CTD #: 5  
 189 5.50 1 (MALABATA):08 MAYKm E and N of Tarifa: -9.0km -10.1km  
 DISK GBY010. TAPE GBY-6A. DEPTH 246.

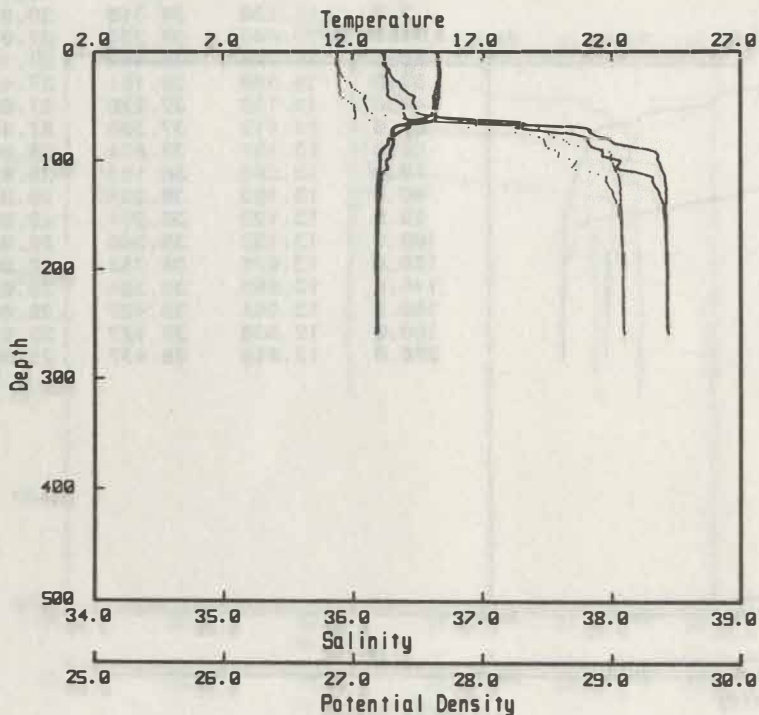


PR	TE	SA	SGTH
20.0	15.433	36.251	26.857
30.0	15.430	36.248	26.856
40.0	15.437	36.249	26.855
50.0	15.437	36.248	26.855
60.0	15.427	36.251	26.860
70.0	15.391	36.264	26.878
80.0	15.366	36.276	26.893
90.0	15.372	36.270	26.888
100.0	15.333	36.305	26.924
120.0	15.022	36.582	27.207
140.0	13.786	37.541	28.218
160.0	13.082	38.344	28.988
180.0	12.994	38.416	29.063
200.0	12.946	38.429	29.084



STATION FSS009 : 35 54.4 N 5 44.4 W 10/ 4/86 303Z 258/ 268m

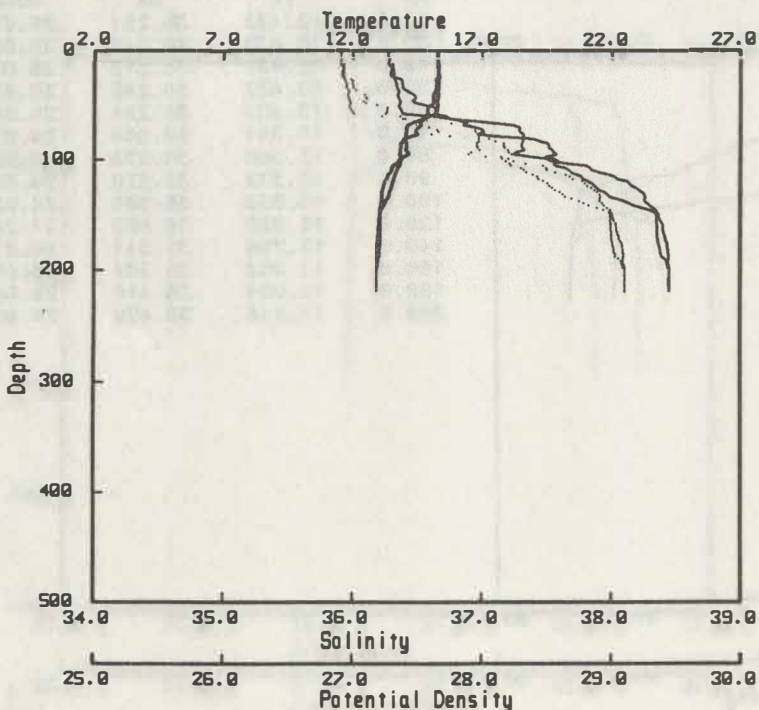
Day: 100.13 SST: 15.1 Tdry: 13.0 RH: 72.5 Wspd: 10.0 CTD #: 5  
 184 5.26 1 (MALABATA): 08 MAKm E and N of Tarifa: -9.9km -10.4km  
 DISK GBY011



PR	TE	SA	SGTH
2.0	15.276	36.227	26.873
10.0	15.308	36.237	26.874
20.0	15.360	36.297	26.909
30.0	15.254	36.372	26.991
40.0	15.121	36.479	27.103
50.0	15.121	36.485	27.108
60.0	14.800	36.766	27.396
70.0	14.042	37.409	28.058
80.0	13.569	37.822	28.479
90.0	13.450	37.934	28.592
100.0	13.315	38.060	28.718
120.0	13.085	38.328	28.974
140.0	12.981	38.402	29.054
160.0	12.948	38.417	29.073
180.0	12.934	38.423	29.081
200.0	12.927	38.428	29.087

STATION FSS010 : 35 54.6 N 5 43.8 W 10/ 4/86 329Z 217/ 229m

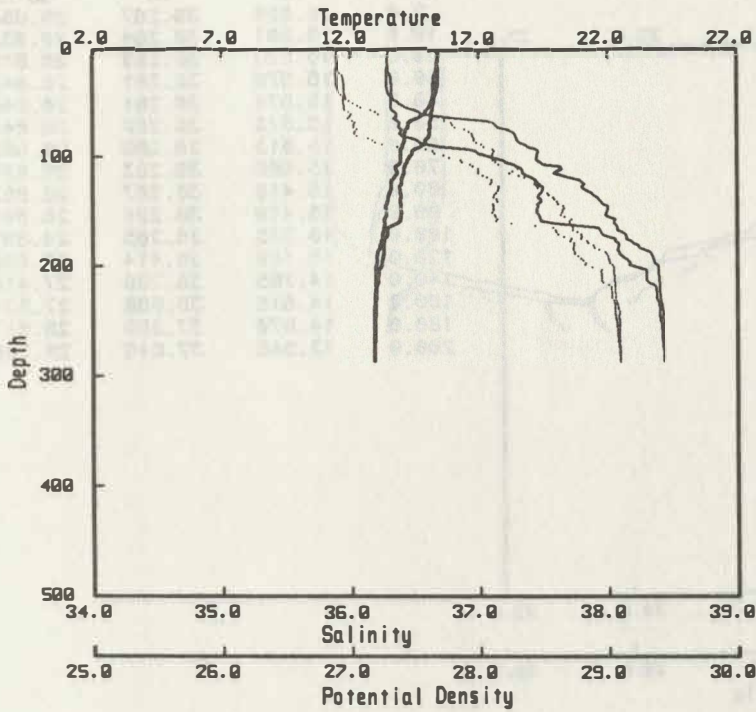
Day: 100.14 SST: 15.1 Tdry: 13.0 RH: 72.5 Wspd: 10.0 CTD #: 5  
 189 5.48 1 (MALABATA): 08 MAYKm E and N of Tarifa: -9.0km -10.1km  
 DISK GBY011. TAPE GBY-6B. DEPTH=256.



PR	TE	SA	SGTH
20.0	15.336	36.300	26.916
30.0	15.257	36.388	27.002
40.0	15.150	36.475	27.094
50.0	15.034	36.586	27.190
60.0	14.797	36.733	27.372
70.0	14.114	37.290	27.951
80.0	14.092	37.313	27.974
90.0	14.092	37.324	27.983
100.0	13.883	37.524	28.183
120.0	13.258	38.133	28.787
140.0	13.125	38.288	28.936
160.0	13.044	38.392	29.034
180.0	12.947	38.433	29.086
200.0	12.926	38.440	29.097

STATION FSS011 : 35 54.6 N 5 43.8 W 10/ 4/86 404Z 285/ 296m

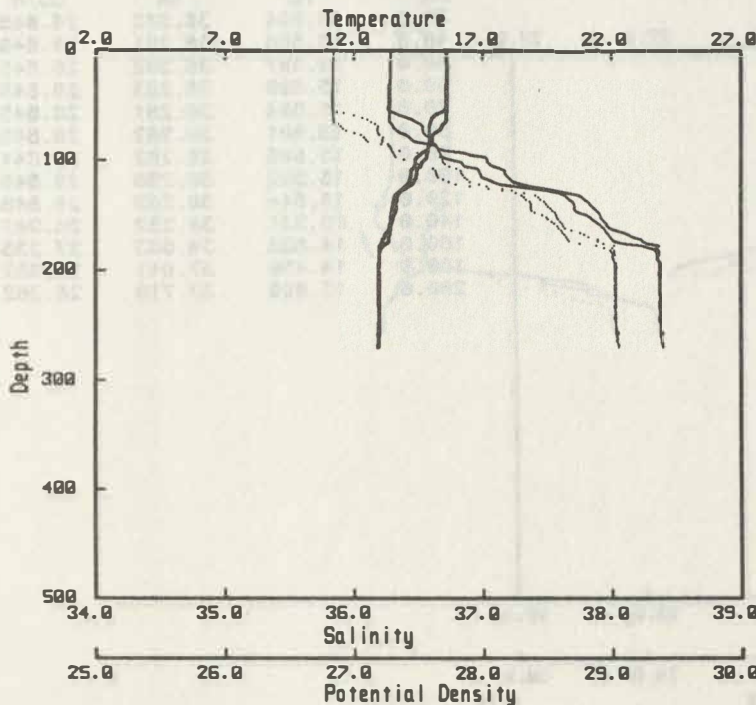
Day: 100.17 SST: 15.1 Tdry: 13.0 RH: 72.5 Wspd: 10.0 CTD #: 5  
 189 5.48 1 (MALABATA): 08 MAKm E and N of Tarifa: -9.0km -10.1km  
 DISK GBY011



PR	TE	SA	SGTH
20.0	15.408	36.285	26.889
30.0	15.400	36.285	26.891
40.0	15.338	36.297	26.914
50.0	15.236	36.317	26.953
60.0	15.134	36.362	27.011
70.0	15.106	36.380	27.031
80.0	15.074	36.403	27.057
90.0	14.717	36.707	27.370
100.0	14.293	37.106	27.771
120.0	13.980	37.443	28.100
140.0	13.936	37.486	28.143
160.0	13.825	37.593	28.250
180.0	13.304	38.077	28.736
200.0	13.170	38.215	28.871

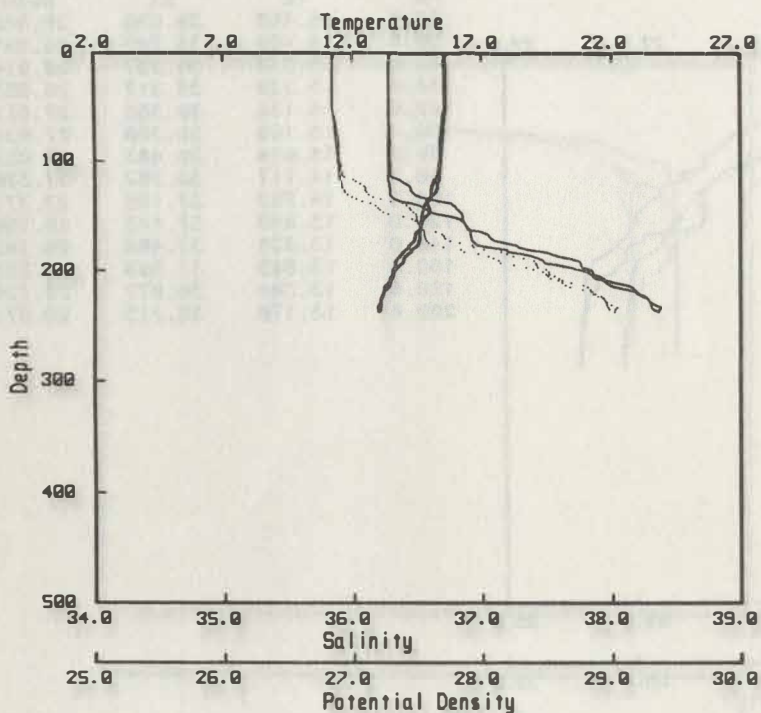
STATION FSS012 : 35 54.4 N 5 43.7 W 10/ 4/86 438Z 270/ 279m

Day: 100.18 SST: 15.2 Tdry: 13.2 RH: 73.7 Wspd: 10.0 CTD #: 5  
 190 5.34 1 (MALABATA): 08 MAYKm E and N of Tarifa: -8.9km -10.4km  
 FSS012, DISK GBY012, GBY-7A.



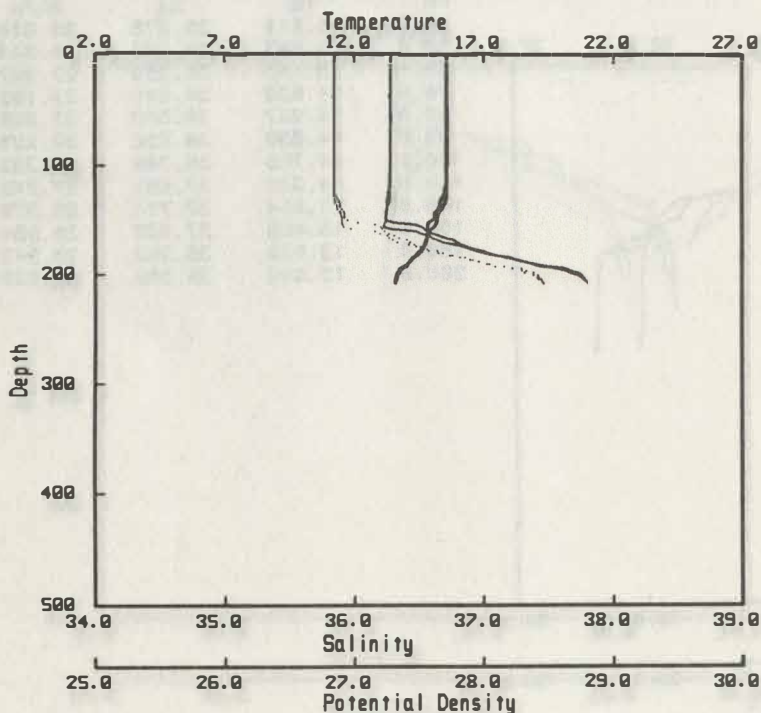
PR	TE	SA	SGTH
40.0	15.611	36.275	26.836
50.0	15.603	36.273	26.836
60.0	15.143	36.359	27.007
70.0	14.939	36.540	27.192
80.0	14.937	36.586	27.228
90.0	14.888	36.658	27.295
100.0	14.765	36.749	27.392
120.0	14.339	37.081	27.742
140.0	13.654	37.713	28.379
160.0	13.456	37.923	28.584
180.0	13.079	38.282	28.942
200.0	12.992	38.369	29.028

STATION FSS013 : 35 54.4 N 5 44.1 W 10/ 4/86 518Z 236/ 249m

Day: 100.22 SST: 15.2 Tdry: 13.2 RH: 73.7 Wspd: 12.0 CTD #: 5  
187 5.30 1(MALABATA):08 MAY Km E and N of Tarifa: -9.4km -10.4km  
FSS013, DISK GBY012, TAPE GBY-7A. WIND PICKING UP.

PR	TE	SA	SGTH
2.0	15.556	36.287	26.856
10.0	15.561	36.284	26.853
20.0	15.575	36.282	26.849
30.0	15.576	36.281	26.848
40.0	15.576	36.281	26.848
50.0	15.576	36.280	26.848
60.0	15.513	36.280	26.862
70.0	15.466	36.283	26.876
80.0	15.410	36.287	26.892
90.0	15.410	36.286	26.891
100.0	15.385	36.285	26.897
120.0	15.109	36.414	27.059
140.0	14.785	36.786	27.418
160.0	14.618	36.888	27.534
180.0	14.070	37.359	28.017
200.0	13.548	37.848	28.508

STATION FSS014 : 35 54.6 N 5 44.1 W 10/ 4/86 542Z 208/ 228m

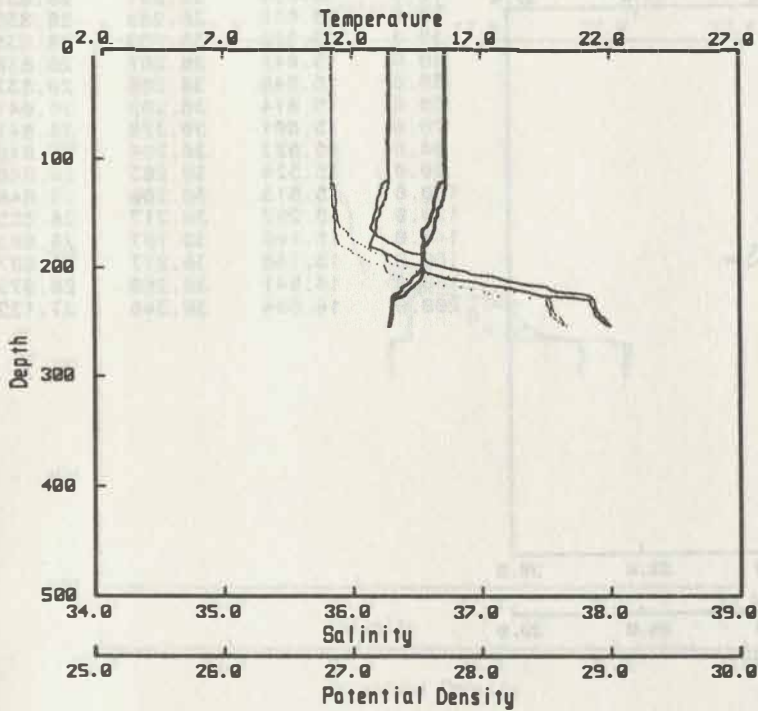
Day: 100.23 SST: 15.2 Tdry: 13.2 RH: 73.7 Wspd: 12.0 CTD #: 5  
187 5.54 1(MALABATA):08 MAY Km E and N of Tarifa: -9.4km -9.9km  
FSS014, DISK GBY012, TAPE GBY-7A.

PR	TE	SA	SGTH
30.0	15.594	36.282	26.845
40.0	15.588	36.281	26.846
50.0	15.597	36.282	26.845
60.0	15.599	36.283	26.845
70.0	15.594	36.281	26.845
80.0	15.601	36.282	26.845
90.0	15.605	36.282	26.844
100.0	15.592	36.280	26.846
120.0	15.544	36.268	26.848
140.0	15.231	36.252	26.907
160.0	14.838	36.563	27.235
180.0	14.459	37.041	27.687
200.0	13.669	37.719	28.382



STATION FSS015 : 35 54.6 N 5 44.2 W 10/ 4/86 625Z 255/ 265m

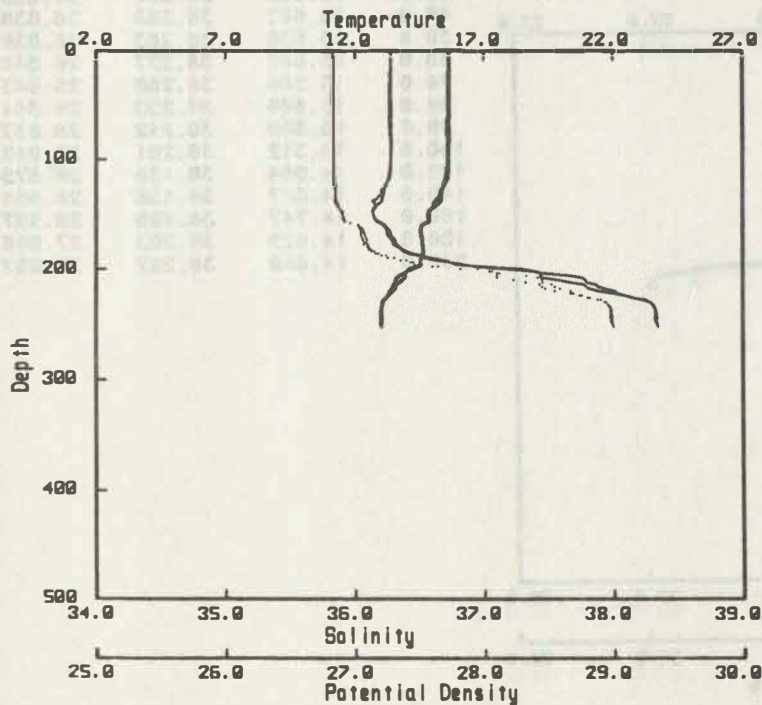
Day: 100.26 SST: 15.6 Tdry: 13.2 RH: 75.0 Wspd: 12.0 CTD #: 5  
 186 5.50 1 (MALABATA):08 MAYKm E and N of Tarifa: -9.6km -10.0km  
 FSS-015. DISC GBY013. TAPE GBY-7B.



PR	TE	SA	SGTH
10.0	15.615	36.288	26.844
20.0	15.608	36.287	26.845
30.0	15.612	36.287	26.844
40.0	15.612	36.287	26.845
50.0	15.619	36.287	26.843
60.0	15.615	36.287	26.845
70.0	15.622	36.287	26.843
80.0	15.621	36.286	26.843
90.0	15.622	36.287	26.844
100.0	15.625	36.286	26.843
120.0	15.625	36.284	26.842
140.0	15.461	36.242	26.848
160.0	15.180	36.187	26.869
180.0	14.779	36.137	26.920
200.0	14.712	36.552	27.255

STATION FSS016 : 35 54.3 N 5 44.4 W 10/ 4/86 711Z 252/ 262m

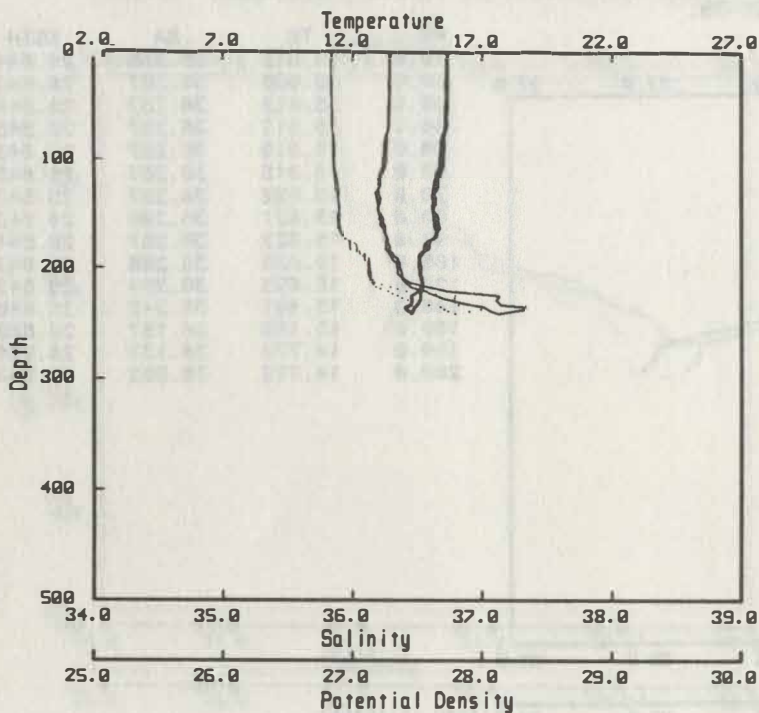
Day: 100.30 SST: 15.6 Tdry: 13.2 RH: 75.0 Wspd: 15.0 CTD #: 5  
 184 5.18 1 (MALABATA):08 MAYKm E and N of Tarifa: -9.9km -10.5km  
 FSS-016. DISC GBY013. TAPE GBY-7B.



PR	TE	SA	SGTH
20.0	15.632	36.271	26.827
30.0	15.635	36.271	26.827
40.0	15.639	36.270	26.825
50.0	15.637	36.271	26.827
60.0	15.638	36.272	26.828
70.0	15.589	36.272	26.839
80.0	15.623	36.282	26.840
90.0	15.632	36.283	26.839
100.0	15.627	36.281	26.839
120.0	15.528	36.250	26.838
140.0	15.077	36.160	26.871
160.0	14.608	36.225	27.025
180.0	14.657	36.340	27.103
200.0	14.126	37.291	27.953

STATION FSS017 : 35 54.6 N 5 44.5 W 10/ 4/86 733Z 243/ 272m

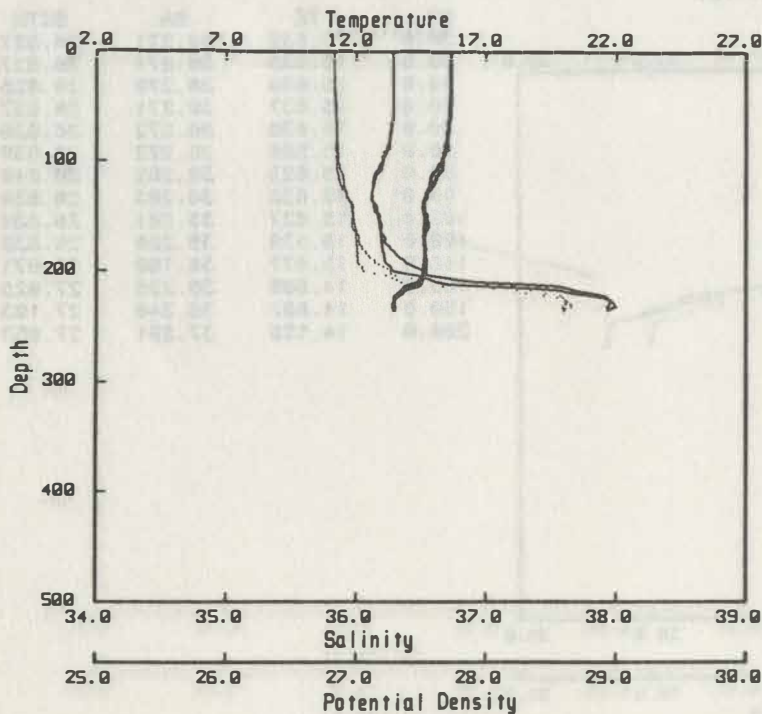
Day: 100.31 SST: 15.6 Tdry: 13.2 RH: 75.0 Wspd: 15.0 CTD #: 5  
 183 5.44 1 (MALABATA):08 MAYKm E and N of Tarif a: -10.1km -10.1km  
 FSS-017. DISC GBY013. TAPE GBY-7B.



PR	TE	SA	SGTH
2.0	15.650	36.294	26.840
10.0	15.658	36.291	26.837
20.0	15.658	36.289	26.835
30.0	15.660	36.289	26.835
40.0	15.649	36.287	26.836
50.0	15.646	36.286	26.837
60.0	15.614	36.282	26.841
70.0	15.601	36.278	26.841
80.0	15.522	36.264	26.849
90.0	15.524	36.263	26.848
100.0	15.513	36.260	26.848
120.0	15.297	36.217	26.865
140.0	15.106	36.197	26.893
160.0	15.158	36.217	26.897
180.0	14.941	36.260	26.979
200.0	14.594	36.346	27.122

STATION FSS018 : 35 54.2 N 5 44.4 W 10/ 4/86 819Z 235/ 244m

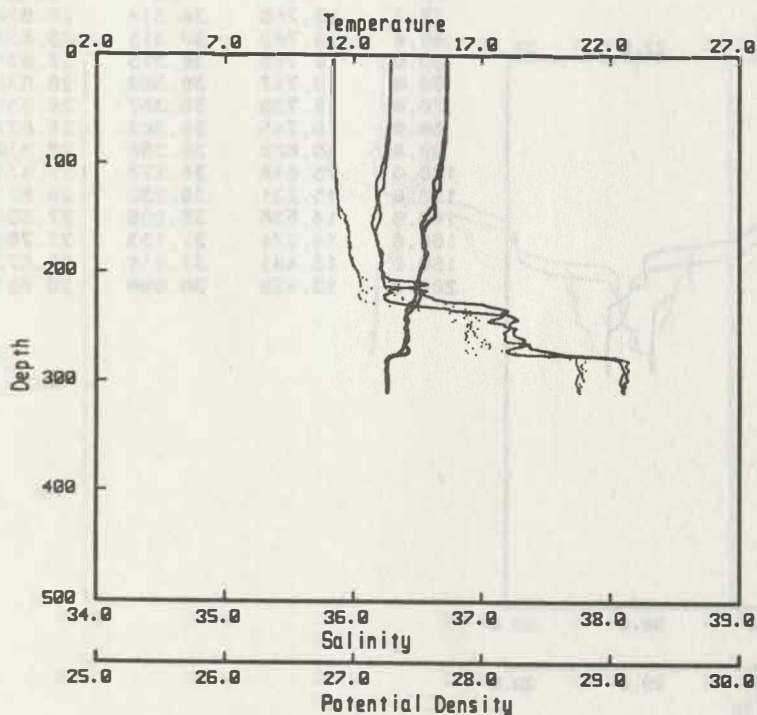
Day: 100.34 SST: 15.4 Tdry: 13.6 RH: 70.7 Wspd: 17.0 CTD #: 5  
 184 5.06 1 (MALABATA):08 MAYKm E and N of Tarif a: -10.0km -10.8km  
 FSS018, DISC GBY014, TAPE GBY-8A.



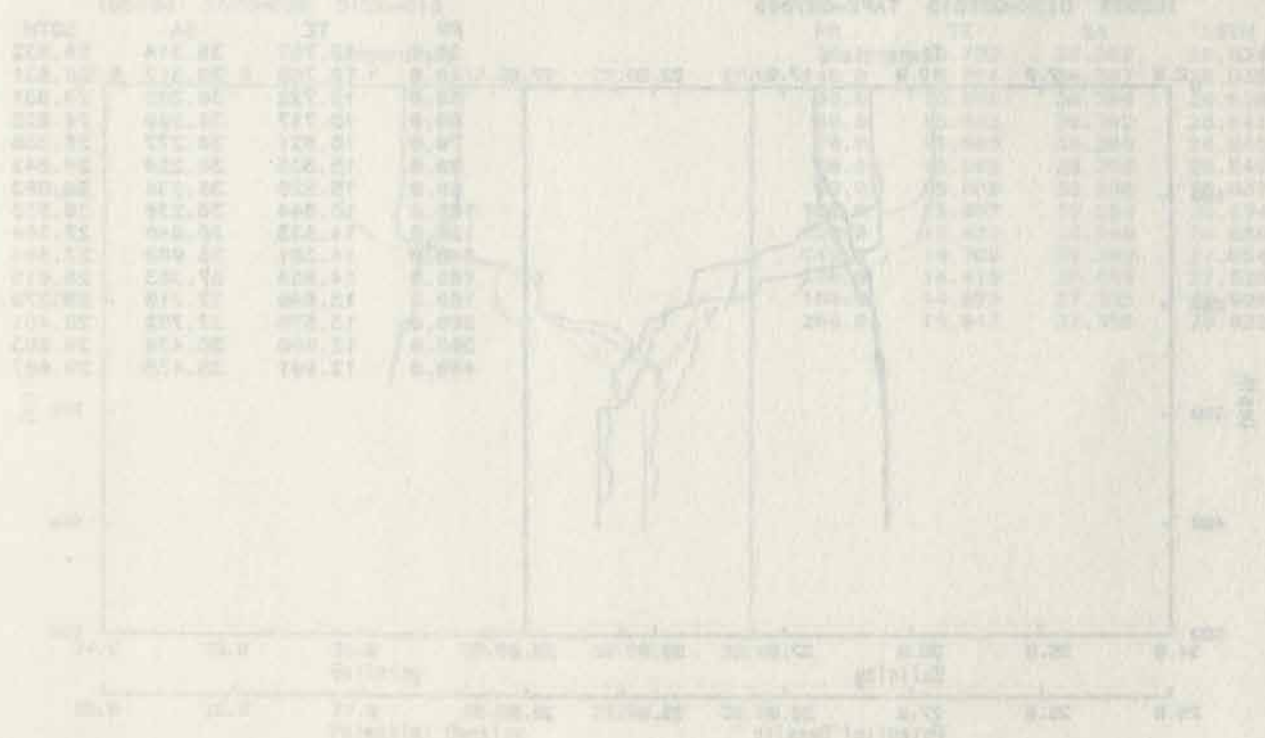
PR	TE	SA	SGTH
30.0	15.662	36.283	26.830
40.0	15.662	36.283	26.830
50.0	15.636	36.283	26.836
60.0	15.602	36.277	26.840
70.0	15.560	36.268	26.843
80.0	15.506	36.253	26.844
90.0	15.500	36.242	26.837
100.0	15.312	36.201	26.848
120.0	14.984	36.139	26.875
140.0	14.577	36.135	26.961
160.0	14.747	36.190	26.967
180.0	14.620	36.203	27.006
200.0	14.669	36.282	27.057

STATION FSS019 : 35 54.4 N 5 44.9 W 10/ 4/86 839Z 311/ 318m

Day : 100.35 SST: 15.4 Tdry : 13.6 RH: 70.7 Wspd: 12.0 CTD #: 5  
 180 5.30 1 (MALABATA):08 MAY Km E and N of Tarifa: -10.6km -10.3km  
 FSS019

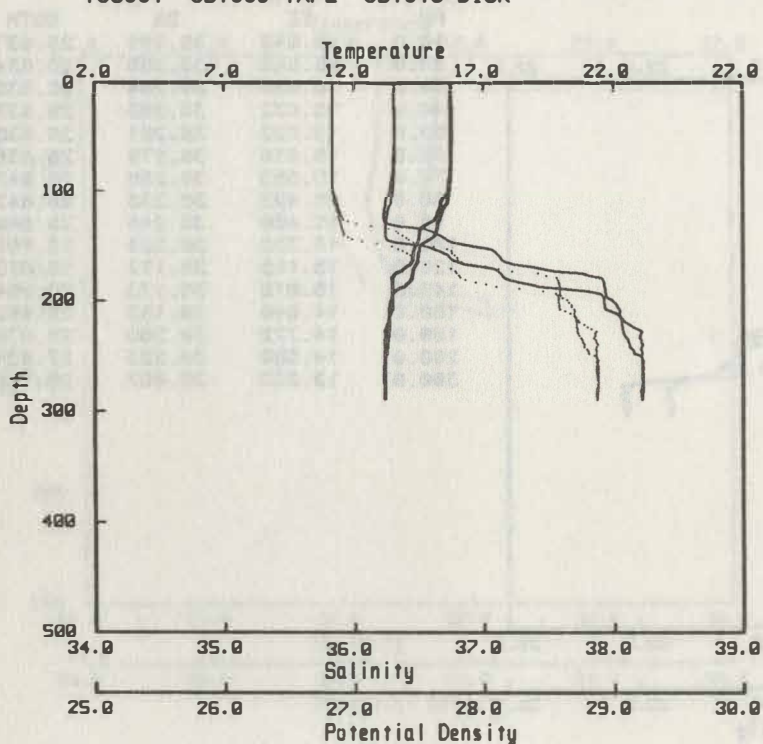


PR	TE	SA	SGTH
10.0	15.648	36.289	26.837
20.0	15.649	36.285	26.834
30.0	15.640	36.284	26.836
40.0	15.632	36.283	26.837
50.0	15.622	36.281	26.838
60.0	15.616	36.279	26.838
70.0	15.553	36.266	26.843
80.0	15.492	36.253	26.847
90.0	15.460	36.245	26.849
100.0	15.332	36.223	26.861
120.0	15.115	36.177	26.875
140.0	15.018	36.173	26.894
160.0	14.640	36.153	26.962
180.0	14.772	36.200	26.970
200.0	14.580	36.223	27.031
300.0	13.333	38.067	28.726



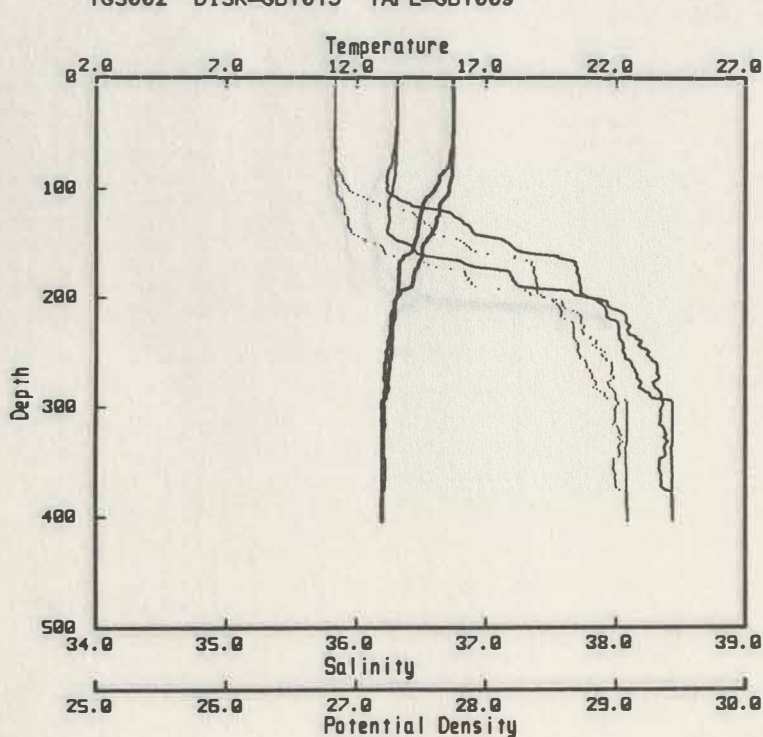


STATION TGS001 : 35 56.7 N 5 44.7 W 10/ 4/86 1801Z 287/ 295m

Day: 100.75 SST: 15.8 Tdry: 15.7 RH: 60.5 Wspd: 4.0 CTD #: 5  
181 7.52 1 (MALABATA):15 APRkm E and N of Tarifa: -10.4km -6.2km  
TGS001 GBY009=TAPE GBY015=DISK

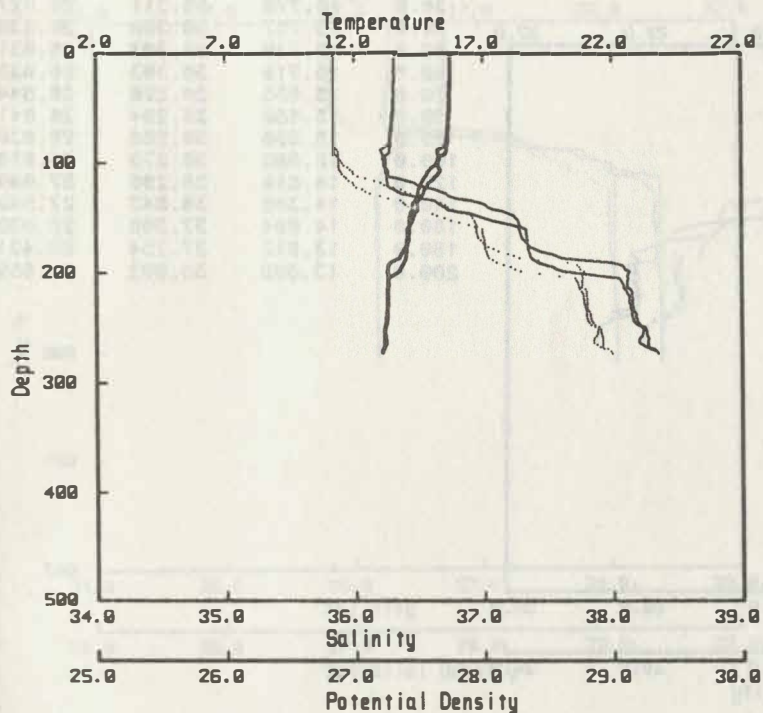
PR	TE	SA	SGTH
30.0	15.768	36.314	26.829
40.0	15.769	36.315	26.830
50.0	15.766	36.315	26.831
60.0	15.747	36.309	26.832
70.0	15.750	36.307	26.830
80.0	15.745	36.302	26.827
90.0	15.688	36.288	26.830
100.0	15.644	36.278	26.833
120.0	15.231	36.232	26.891
140.0	14.536	36.666	27.380
160.0	14.274	37.133	27.798
180.0	13.491	37.916	28.572
200.0	13.428	38.000	28.651

STATION TGS002 : 35 56.5 N 5 43.9 W 10/ 4/86 1835Z 404/ 410m

Day: 100.76 SST: 15.8 Tdry: 15.7 RH: 60.5 Wspd: 8.0 CTD #: 5  
186 7.44 1 (MALABATA):15 AP Km E and N of Tarifa: -9.2km -6.4km  
TGS002 DISK=GBY015 TAPE=GBY009

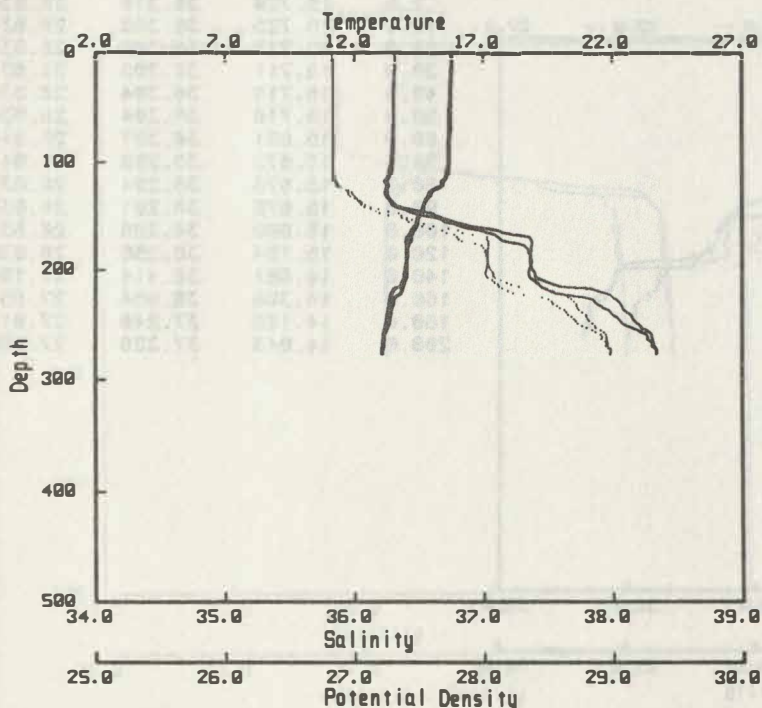
PR	TE	SA	SGTH
30.0	15.757	36.314	26.832
40.0	15.758	36.312	26.831
50.0	15.722	36.302	26.831
60.0	15.717	36.296	26.828
70.0	15.621	36.277	26.836
80.0	15.535	36.259	26.842
90.0	15.225	36.234	26.893
100.0	15.044	36.236	26.935
120.0	14.533	36.646	27.364
140.0	14.381	36.900	27.594
160.0	14.056	37.353	28.015
180.0	13.649	37.710	28.379
200.0	13.576	37.782	28.451
300.0	12.990	38.436	29.083
400.0	12.991	38.438	29.087

STATION TGS003 : 35 56.8 N 5 45.0 W 10/ 4/86 1918Z 272/ 282m

Day: 100.80 SST: 15.8 Tdry: 15.7 RH: 60.5 Wspd: 8.0 CTD #: 5  
179 7.64 1 (MALABATA):15 AP Km E and N of Tarif a: -10.9km -6.0km  
TGS003 TAPE=BGY009 DISK=GBY015

PR	TE	SA	SGTH
30.0	15.699	36.302	26.836
40.0	15.697	36.302	26.837
50.0	15.691	36.300	26.837
60.0	15.656	36.290	26.838
70.0	15.629	36.279	26.836
80.0	15.631	36.274	26.832
90.0	15.235	36.216	26.877
100.0	15.198	36.244	26.907
120.0	14.583	36.491	27.234
140.0	14.266	37.036	27.724
160.0	14.063	37.331	27.997
180.0	13.901	37.441	28.117
200.0	13.296	38.117	28.769

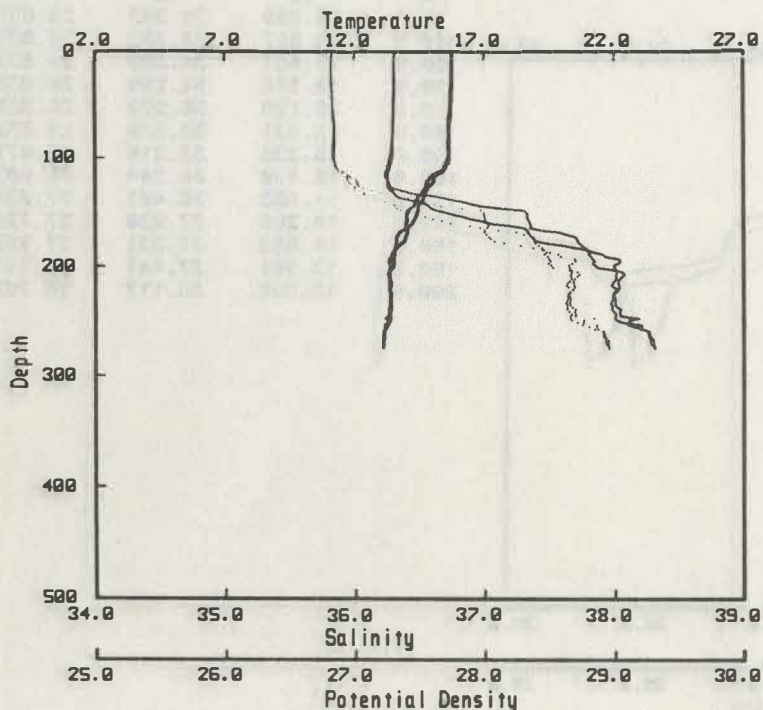
STATION TGS004 : 35 56.7 N 5 45.0 W 10/ 4/86 1947Z 278/ 287m

Day: 100.81 SST: 15.7 Tdry: 14.7 RH: 73.0 Wspd: 8.0 CTD #: 5  
179 7.56 1 (MALABATA) 15 APR Km E and N of Tarif a: -10.9km -6.1km  
TGS004 TAPE=009 DISK=016

PR	TE	SA	SGTH
30.0	15.723	36.307	26.834
40.0	15.724	36.307	26.835
50.0	15.699	36.304	26.838
60.0	15.683	36.302	26.841
70.0	15.683	36.300	26.840
80.0	15.669	36.296	26.840
90.0	15.659	36.288	26.837
100.0	15.657	36.284	26.834
120.0	15.433	36.248	26.858
140.0	14.709	36.292	27.054
160.0	14.415	36.819	27.525
180.0	14.071	37.335	27.999
200.0	14.047	37.358	28.022

STATION TGS005 : 35 56.6 N 5 44.9 W 10/ 4/86 2007Z 274/ 282m

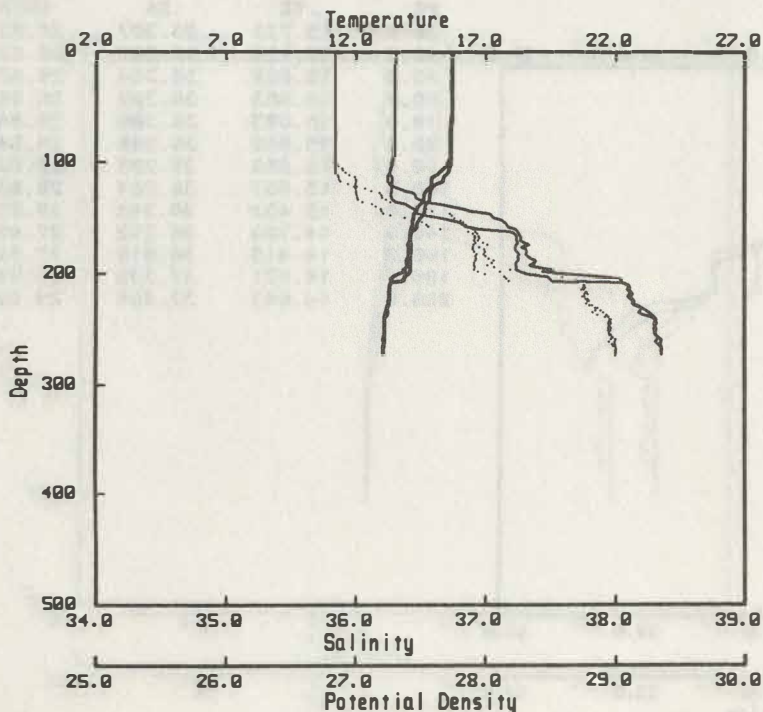
Day: 100.84 SST: 15.7 Tdry: 14.7 RH: 73.0 Wspd: 8.0 CTD #: 5  
 180 7.44 1 (MALABATA) 15 APRkm E and N of Tarifa: -10.6km -6.3km  
 TGS005 TAPE=009 DISK=016



PR	TE	SA	SGTH
30.0	15.770	36.311	26.827
40.0	15.757	36.309	26.828
50.0	15.739	36.307	26.831
60.0	15.719	36.303	26.833
70.0	15.655	36.298	26.844
80.0	15.659	36.294	26.841
90.0	15.656	36.286	26.836
100.0	15.602	36.270	26.836
120.0	14.819	36.266	27.009
140.0	14.386	36.843	27.549
160.0	14.004	37.360	28.032
180.0	13.612	37.754	28.421
200.0	13.398	38.002	28.659

STATION TGS006 : 35 56.6 N 5 45.4 W 10/ 4/86 2034Z 271/ 282m

Day: 100.85 SST: 15.7 Tdry: 14.7 RH: 73.0 Wspd: 10.0 CTD #: 5  
 177 7.52 1 (MALABATA): 15 APkm E and N of Tarifa: -11.3km -6.2km  
 TGS006 TAPE=009 DISK=016

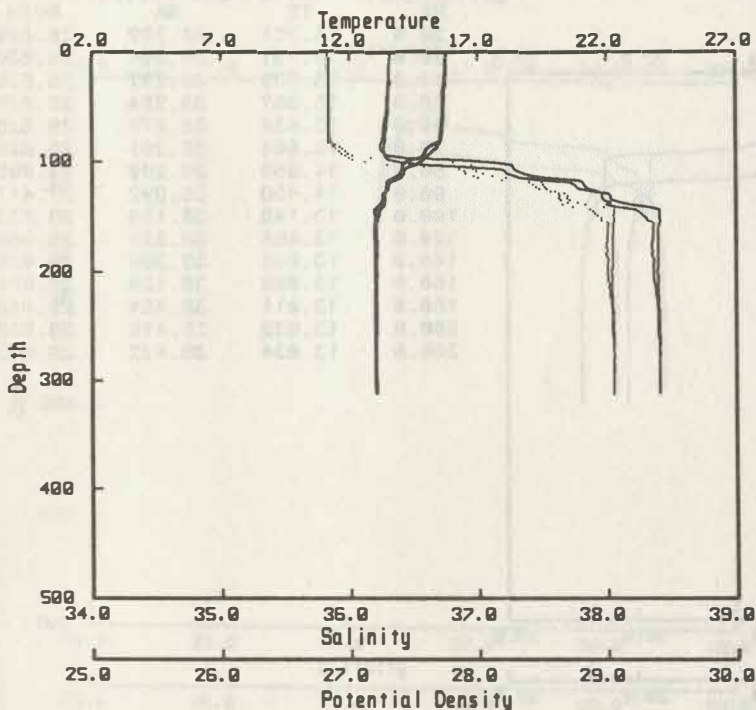


PR	TE	SA	SGTH
2.0	15.729	36.310	26.834
10.0	15.725	36.308	26.834
20.0	15.717	36.306	26.835
30.0	15.711	36.305	26.836
40.0	15.716	36.304	26.834
50.0	15.716	36.304	26.834
60.0	15.681	36.301	26.840
70.0	15.672	36.298	26.841
80.0	15.676	36.294	26.837
90.0	15.678	36.291	26.835
100.0	15.680	36.286	26.831
120.0	15.124	36.258	26.935
140.0	14.681	36.414	27.154
160.0	14.300	36.954	27.654
180.0	14.128	37.240	27.913
200.0	14.043	37.326	27.998



STATION TGS007 : 35 56.7 N 5 44.9 W 10/ 4/86 2116Z 318/ 313m

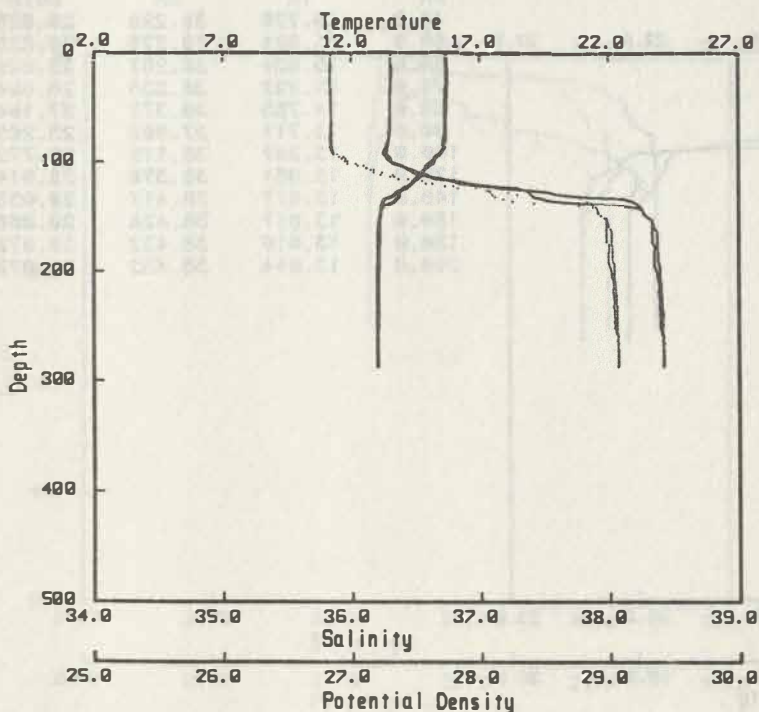
Day: 100.88 SST: 15.7 Tdry: 14.7 RH: 73.4 Wspd: 10.0 CTD #: 5  
 180 7.60 1 (MALABATA):15 AP Km E and N of Tarifa: -10.6km -6.0km  
 TGS007 TAPE=GBY10A DISK=GBY017



PR	TE	SA	SGTH
30.0	15.716	36.315	26.842
40.0	15.670	36.298	26.840
50.0	15.666	36.293	26.837
60.0	15.647	36.281	26.833
70.0	15.577	36.265	26.837
80.0	15.508	36.255	26.845
90.0	14.937	36.250	26.969
100.0	14.184	37.120	27.806
120.0	13.472	37.825	28.503
140.0	13.292	38.076	28.736
160.0	13.041	38.358	29.008
180.0	13.044	38.358	29.008
200.0	13.044	38.362	29.012
300.0	13.023	38.406	29.053

STATION TGS008 : 35 56.9 N 5 45.9 W 10/ 4/86 2140Z 287/ 292m

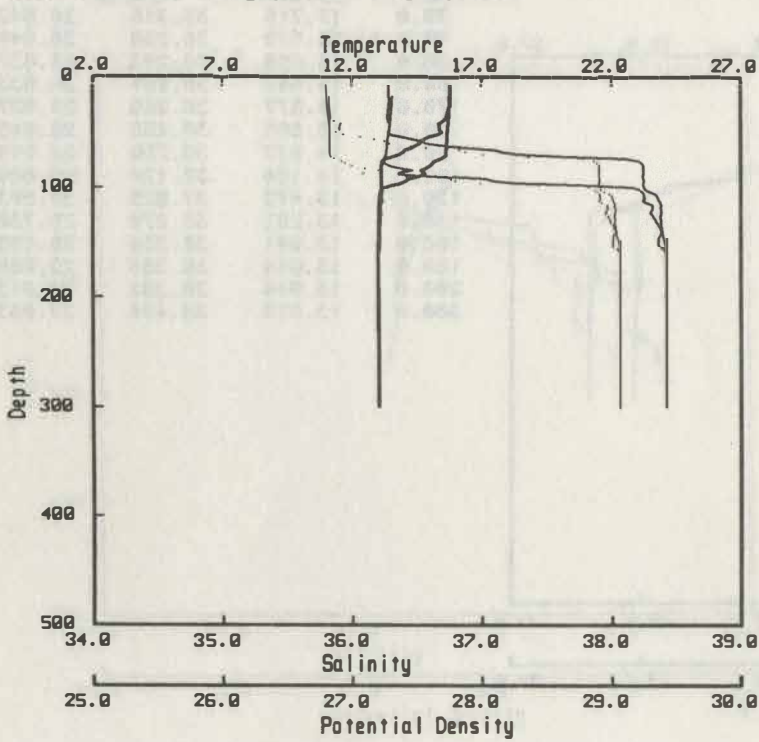
Day: 100.89 SST: 15.7 Tdry: 14.7 RH: 73.4 Wspd: 10.0 CTD #: 5  
 174 7.80 1 (MALABATA): 16 AP Km E and N of Tarifa: -12.1km -5.8km  
 TGS008 TAPE=GBY10A DISK=GBY017



PR	TE	SA	SGTH
20.0	15.712	36.310	26.839
30.0	15.694	36.302	26.837
40.0	15.672	36.301	26.842
50.0	15.656	36.299	26.844
60.0	15.658	36.297	26.843
70.0	15.662	36.293	26.839
80.0	15.662	36.286	26.834
90.0	15.497	36.250	26.844
100.0	15.091	36.295	26.970
120.0	14.333	36.923	27.622
140.0	13.165	38.229	28.881
160.0	13.048	38.347	28.998
180.0	13.029	38.374	29.023
200.0	13.019	38.394	29.042

STATION TGS009 : 35 56.9 N 5 45.6 W 10/ 4/86 2222Z 300/ 308m

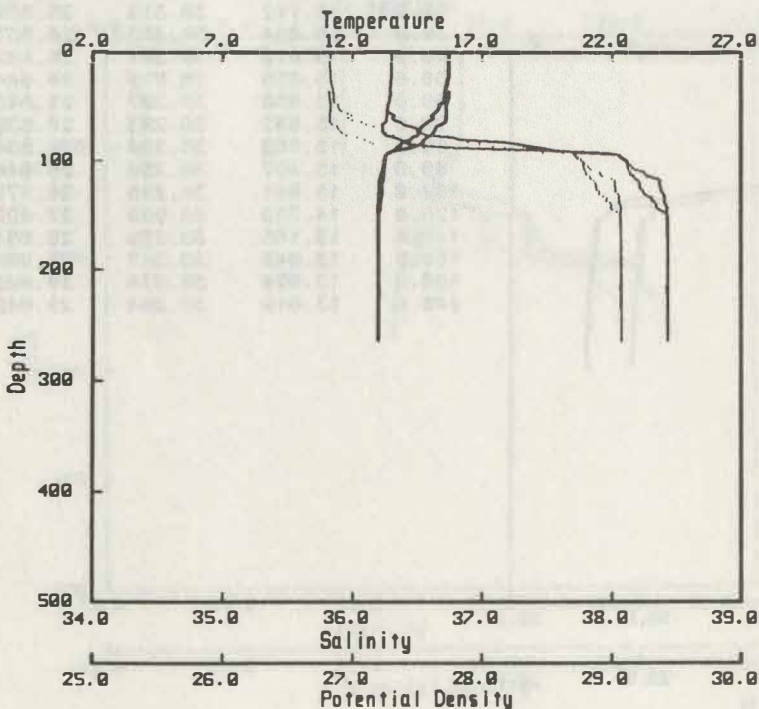
Day: 100.93 SST: 15.7 Tdry: 14.7 RH: 73.4 Wspd: 12.0 CTD #: 5  
 176 7.76 1 (MALABATA):16 AP Km E and N of Tarifa: -11.6km -5.8km  
 TGS009 TAPE=GBY10A DISK=GBY017



PR	TE	SA	SGTH
20.0	15.751	36.309	26.829
30.0	15.731	36.304	26.830
40.0	15.709	36.297	26.830
50.0	15.667	36.284	26.830
60.0	15.636	36.272	26.828
70.0	15.604	36.261	26.828
80.0	14.959	36.290	26.995
90.0	14.450	36.692	27.417
100.0	13.198	38.164	28.823
120.0	13.086	38.321	28.969
140.0	13.045	38.386	29.028
160.0	13.009	38.424	29.066
180.0	13.011	38.424	29.066
200.0	13.032	38.419	29.058
300.0	13.034	38.422	29.063

STATION TGS010 : 35 56.6 N 5 45.8 W 10/ 4/86 2254Z 263/ 277m

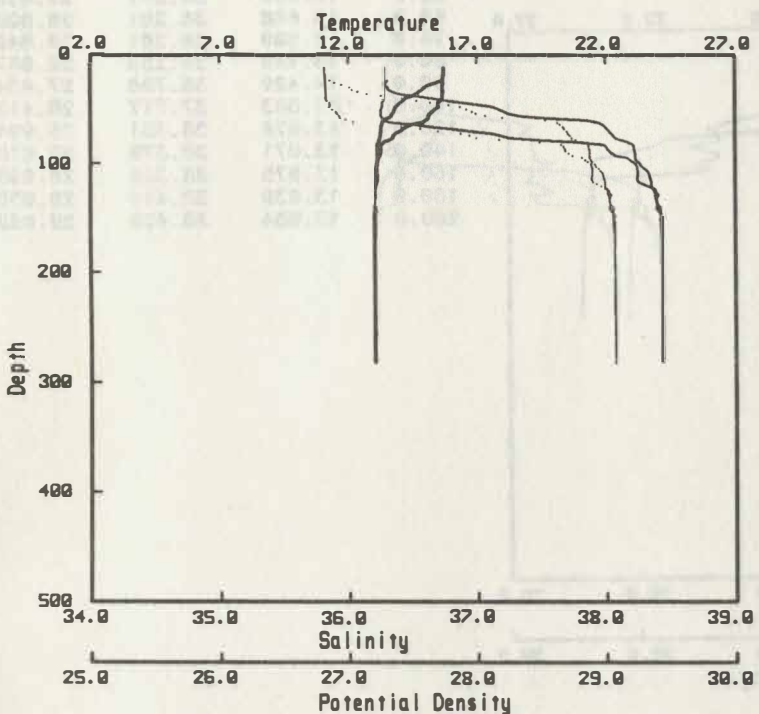
Day: 100.94 SST: 15.6 Tdry: 14.3 RH: 75.0 Wspd: 12.0 CTD #: 5  
 174 7.48 1 (MALABATA):16 AP Km E and N of Tarifa: -12.1km -6.3km  
 TGS010 TAPE=GBY010 DISK=GBY018



PR	TE	SA	SGTH
40.0	15.729	36.296	26.825
50.0	15.621	36.276	26.835
60.0	15.620	36.267	26.828
70.0	15.222	36.235	26.894
80.0	14.785	36.377	27.100
90.0	13.711	37.506	28.205
100.0	13.247	38.112	28.772
120.0	13.051	38.370	29.014
140.0	13.017	38.417	29.058
160.0	13.017	38.426	29.066
180.0	13.010	38.432	29.072
200.0	13.014	38.432	29.072

STATION TGS011 : 35 56.7 N 5 45.9 W 10/ 4/86 2328Z 282/ 288m

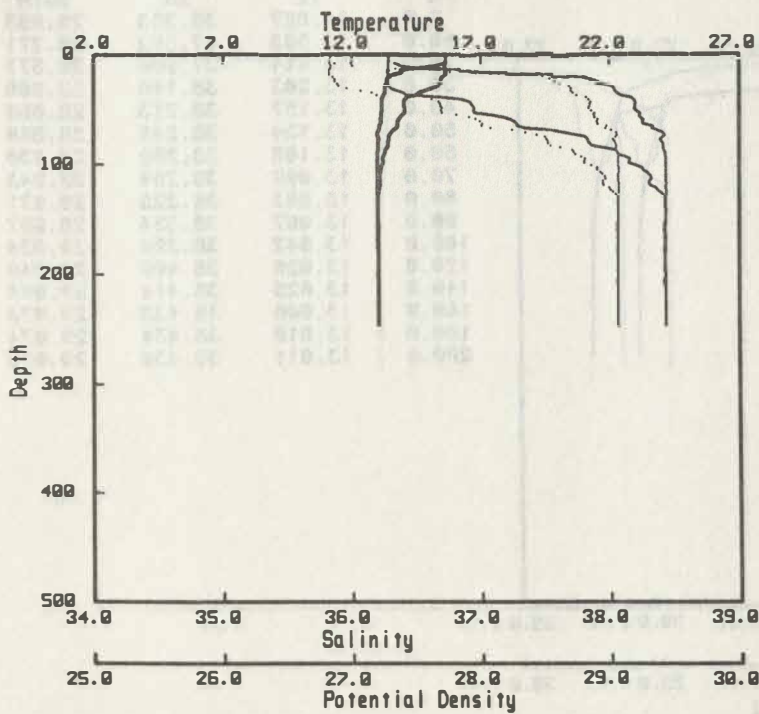
Day: 100.97 SST: 15.6 Tdry: 14.3 RH: 75.0 Wspd: 12.0 CTD #: 5  
 174 7.60 1 (MALABATA):16 APRkm E and N of Tarifa: -12.1km -6.1km  
 TGS011 DISK=GBY019 TAPE=GBY10B



PR	TE	SA	SGTH
30.0	14.971	36.312	27.008
40.0	14.259	36.649	27.424
50.0	13.821	37.172	27.922
60.0	13.397	37.847	28.534
70.0	13.293	38.032	28.700
80.0	13.194	38.169	28.827
90.0	13.154	38.224	28.878
100.0	13.120	38.265	28.918
120.0	13.065	38.351	28.996
140.0	13.044	38.393	29.034
160.0	13.004	38.434	29.075
180.0	13.014	38.430	29.070
200.0	13.014	38.432	29.072

STATION TGS012 : 35 56.6 N 5 46.2 W 11/ 4/86 0Z 246/ 253m

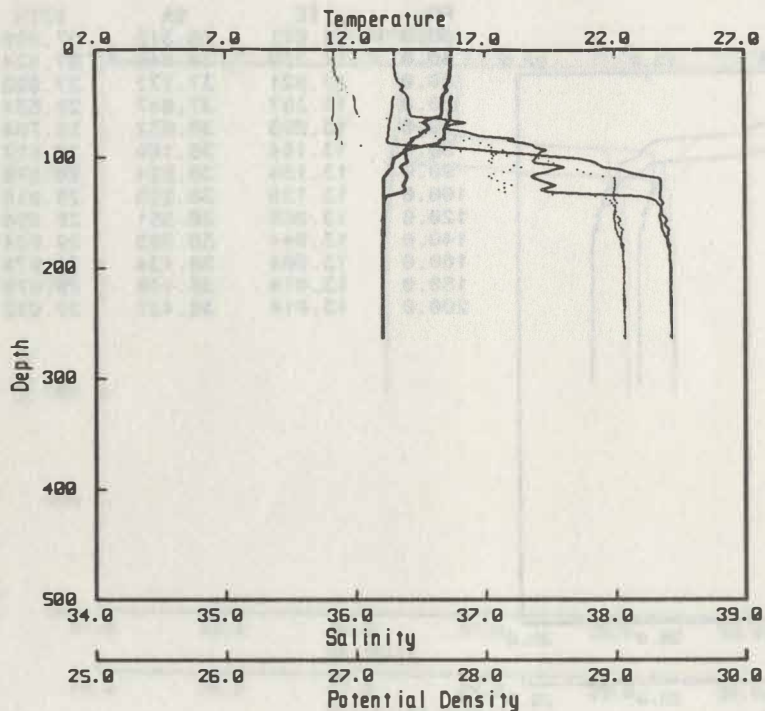
Day: 101.00 SST: 15.6 Tdry: 14.3 RH: 75.0 Wspd: 6.0 CTD #: 5  
 172 7.52 1 (MALABATA):16 APRkm E and N of Tarifa: -12.6km -6.3km  
 TGS012 DISK=GBY018 TAPE=GBY10B



PR	TE	SA	SGTH
10.0	15.229	36.389	27.009
20.0	13.432	37.796	28.486
30.0	13.300	38.035	28.699
40.0	13.180	38.184	28.840
50.0	13.174	38.203	28.857
60.0	13.140	38.252	28.902
70.0	13.022	38.410	29.049
80.0	13.028	38.405	29.045
90.0	13.014	38.424	29.063
100.0	13.013	38.427	29.065
120.0	13.014	38.429	29.067
140.0	13.013	38.434	29.072
160.0	13.032	38.421	29.059
180.0	13.024	38.429	29.067
200.0	13.022	38.432	29.070

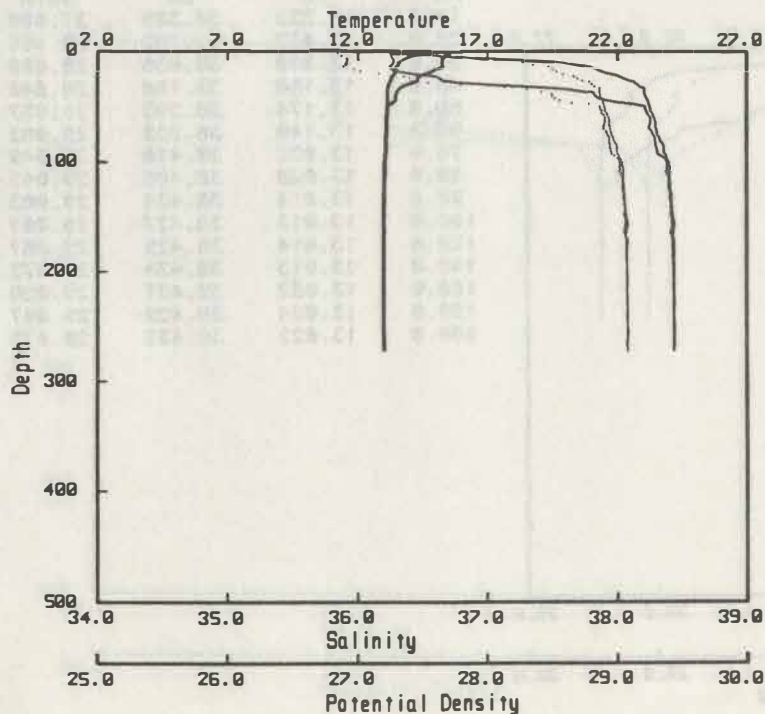


STATION TGS013 : 35 56.7 N 5 46.2 W 11/ 4/86 16Z 262/ 268m

Day: 101.01 SST: 15.6 Tdry: 14.3 RH: 75.0 Wspd: 6.0 CTD #: 5  
172 7.64 1 (MALABATA): 16 AKm E and N of Tarifa: -12.6km -6.1km  
TGS013 TAPE=GBY011A DISK=GBY019

PR	TE	SA	SGTH
50.0	15.686	36.289	26.830
60.0	15.668	36.281	26.628
70.0	15.509	36.261	26.849
80.0	15.448	36.253	26.857
90.0	14.429	36.708	27.434
100.0	13.503	37.717	28.413
120.0	13.076	38.351	28.994
140.0	13.071	38.370	29.010
160.0	13.075	38.355	28.998
180.0	13.039	38.414	29.052
200.0	13.034	38.425	29.062

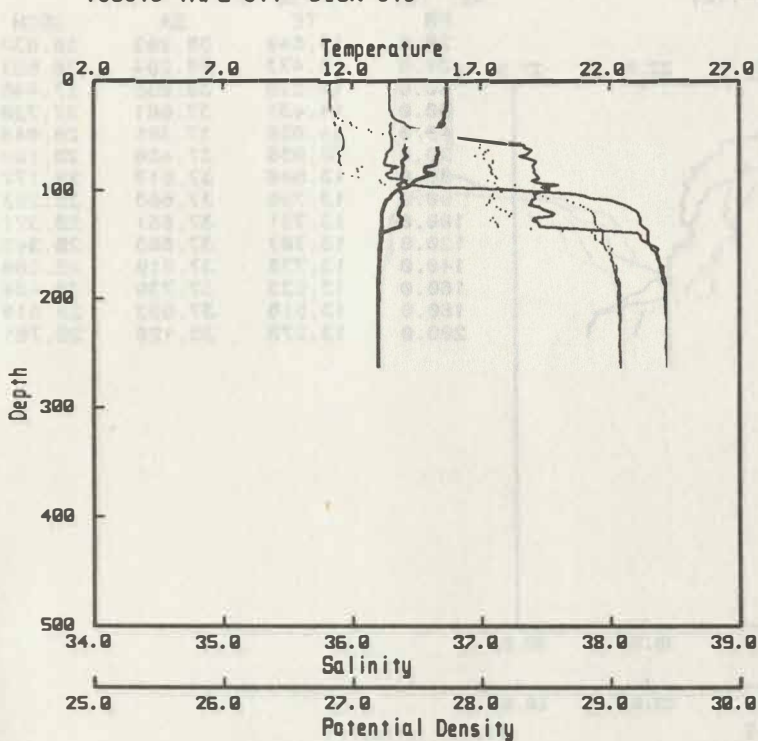
STATION TGS014 : 35 56.7 N 5 46.0 W 11/ 4/86 55Z 276/ 283m

Day: 101.02 SST: 15.6 Tdry: 14.3 RH: 75.0 Wspd: 10.0 CTD #: 5  
173 7.60 1 (MALABATA):07 MAYkm E and N of Tarifa: -12.3km -6.1km  
TGS014 TAPE=011A DISK=019

PR	TE	SA	SGTH
2.0	14.827	36.253	26.993
10.0	13.593	37.562	28.271
20.0	13.414	37.908	28.577
30.0	13.203	38.146	28.806
40.0	13.157	38.213	28.868
50.0	13.134	38.245	28.898
60.0	13.108	38.280	28.930
70.0	13.099	38.294	28.943
80.0	13.083	38.325	28.971
90.0	13.067	38.354	28.997
100.0	13.042	38.394	29.034
120.0	13.026	38.409	29.049
140.0	13.025	38.414	29.054
160.0	13.008	38.433	29.073
180.0	13.010	38.434	29.074
200.0	13.011	38.436	29.076

STATION TGS015 : 35 56.7 N 5 46.4 W 11/ 4/86 112Z 262/ 265m

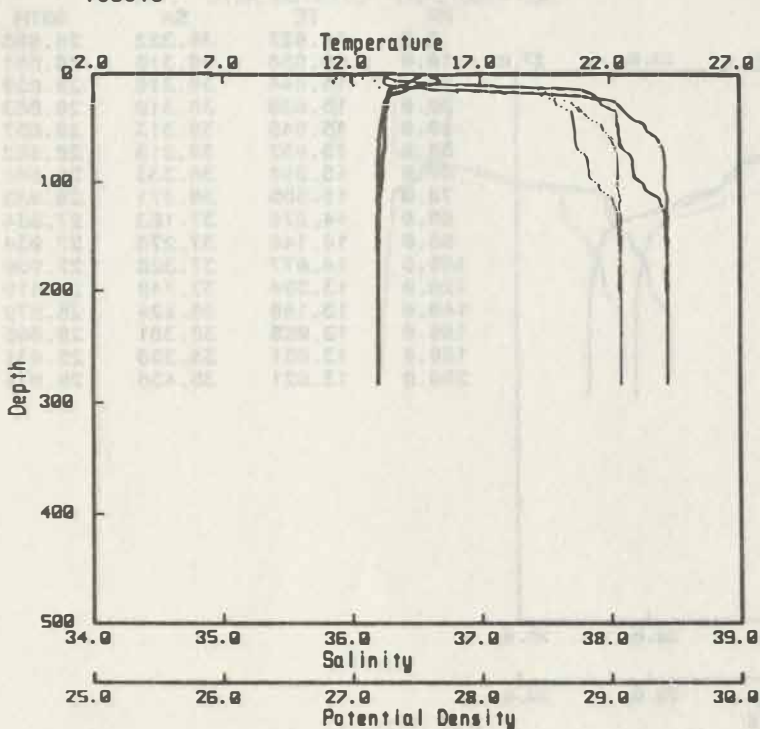
Day: 101.05 SST: 15.6 Tdry: 14.3 RH: 75.0 Wspd: 10.0 CTD #: 5  
 171 7.64 1 (MALABATA): 07 MKm E and N of Tarifa: -12.8km -6.1km  
 TGS015 TAPE=011 DISK=019



PR	TE	SA	SGTH
40.0	15.527	36.293	26.869
50.0	15.314	36.306	26.927
60.0	15.303	36.310	26.933
70.0	15.279	36.259	26.899
80.0	14.810	36.307	27.041
90.0	14.437	36.431	27.219
100.0	13.672	37.438	28.161
120.0	13.168	38.215	28.869
140.0	13.111	38.291	28.941
160.0	13.061	38.371	29.014
180.0	13.041	38.399	29.040
200.0	13.024	38.419	29.060

STATION TGS016 : 35 56.7 N 5 45.7 W 11/ 4/86 144Z 284/ 291m

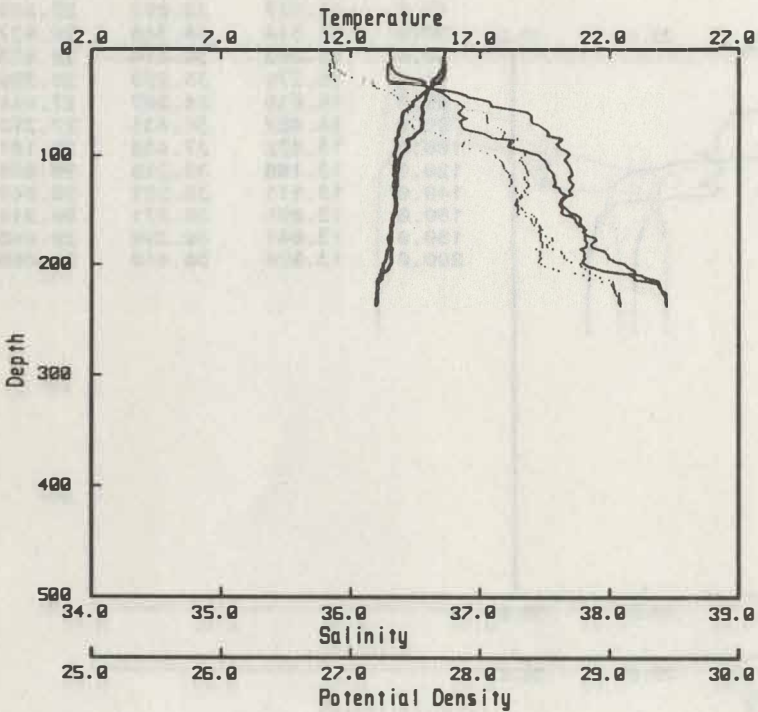
Day: 101.06 SST: 15.4 Tdry: 14.5 RH: 67.0 Wspd: 6.0 CTD #: 5  
 175 7.64 1 (MALABATA): 07 MAKm E and N of Tarifa: -11.8km -6.0km  
 TGS016



PR	TE	SA	SGTH
2.0	14.678	36.258	27.030
10.0	14.144	36.935	27.668
20.0	13.428	37.888	28.558
30.0	13.261	38.084	28.746
40.0	13.191	38.166	28.826
50.0	13.105	38.279	28.930
60.0	13.042	38.366	29.011
70.0	13.043	38.408	29.044
80.0	13.015	38.424	29.062
90.0	13.016	38.423	29.061
100.0	13.018	38.423	29.061
120.0	12.997	38.436	29.076
140.0	12.989	38.444	29.085
160.0	12.992	38.444	29.085
180.0	12.998	38.442	29.083
200.0	12.999	38.442	29.083

STATION TGS017 : 35 56.7 N 5 46.5 W 11/ 4/86 227Z 236/ 256m

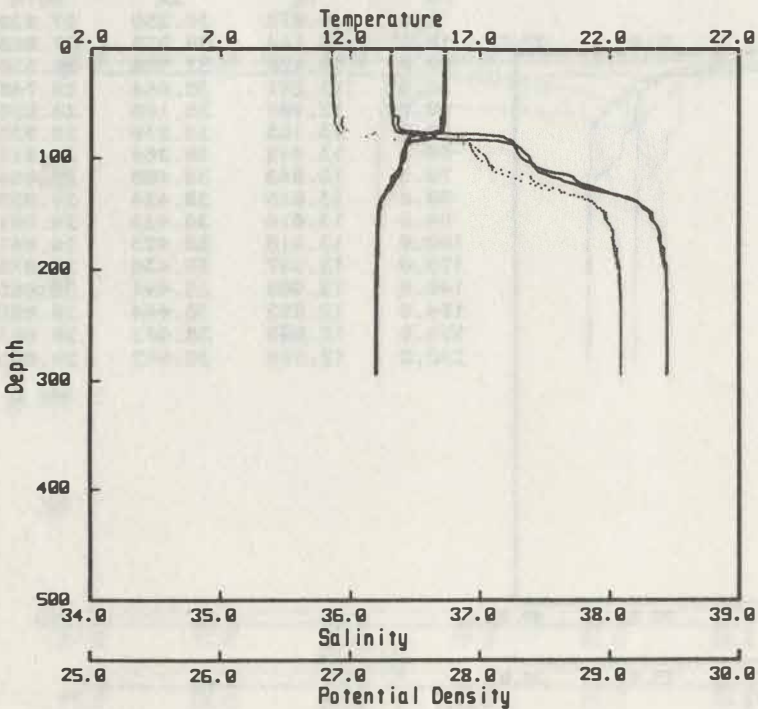
Day : 101.09 SST: 15.4 Tdry : 14.5 RH: 67.0 Wspd: 9.0 CTD #: 5  
 170 7.68 1 (MALABATA): 07 MAKm E and N of Tarifa: -13.1km -6.1km  
 TGS017, DISC GBY020, TAPE GBY-11B.



PR	TE	SA	SGTH
20.0	15.640	36.285	26.836
30.0	15.473	36.294	26.881
40.0	14.816	36.838	27.448
50.0	14.431	37.081	27.720
60.0	14.026	37.391	28.048
70.0	13.958	37.450	28.108
80.0	13.880	37.517	28.177
90.0	13.790	37.603	28.263
100.0	13.731	37.661	28.321
120.0	13.707	37.685	28.345
140.0	13.776	37.619	28.280
160.0	13.633	37.739	28.404
180.0	13.518	37.852	28.516
200.0	13.272	38.126	28.781

STATION TGS018 : 35 56.7 N 5 44.9 W 11/ 4/86 345Z 294/ 304m

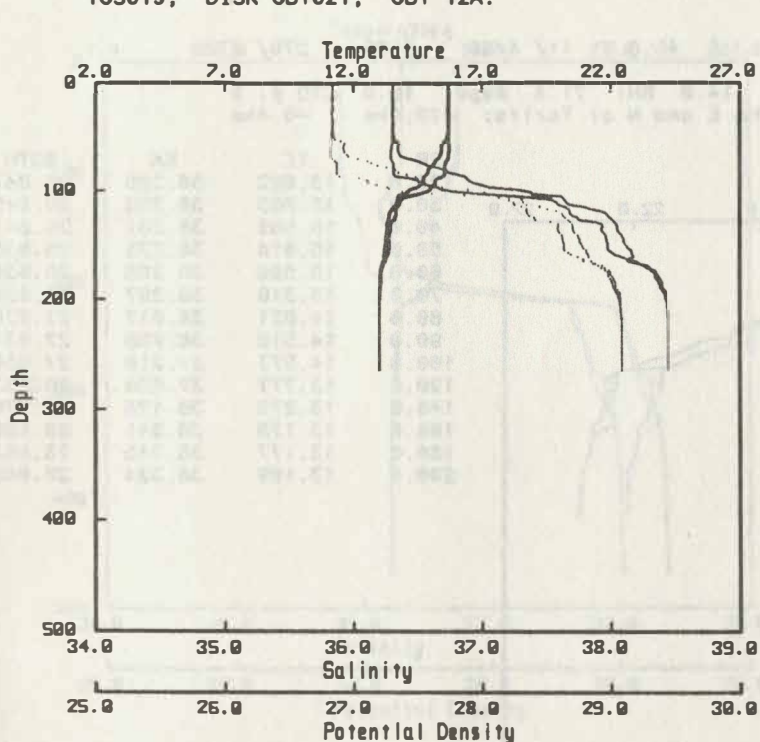
Day : 101.14 SST: 15.2 Tdry : 14.5 RH: 67.0 Wspd: 13.0 CTD #: 5  
 180 7.52 1 (MALABATA): 07 MAKm E and N of Tarifa: -10.6km -6.2km  
 TGS018, DISC GBY020, GBY-11B.



PR	TE	SA	SGTH
2.0	15.637	36.322	26.865
10.0	15.656	36.310	26.851
20.0	15.644	36.316	26.859
30.0	15.638	36.319	26.863
40.0	15.645	36.313	26.857
50.0	15.632	36.315	26.862
60.0	15.590	36.333	26.886
70.0	15.505	36.371	26.935
80.0	14.276	37.183	27.834
90.0	14.146	37.276	27.934
100.0	14.077	37.328	27.989
120.0	13.594	37.749	28.419
140.0	13.160	38.224	28.879
160.0	13.065	38.361	29.005
180.0	13.051	38.390	29.031
200.0	13.021	38.436	29.074

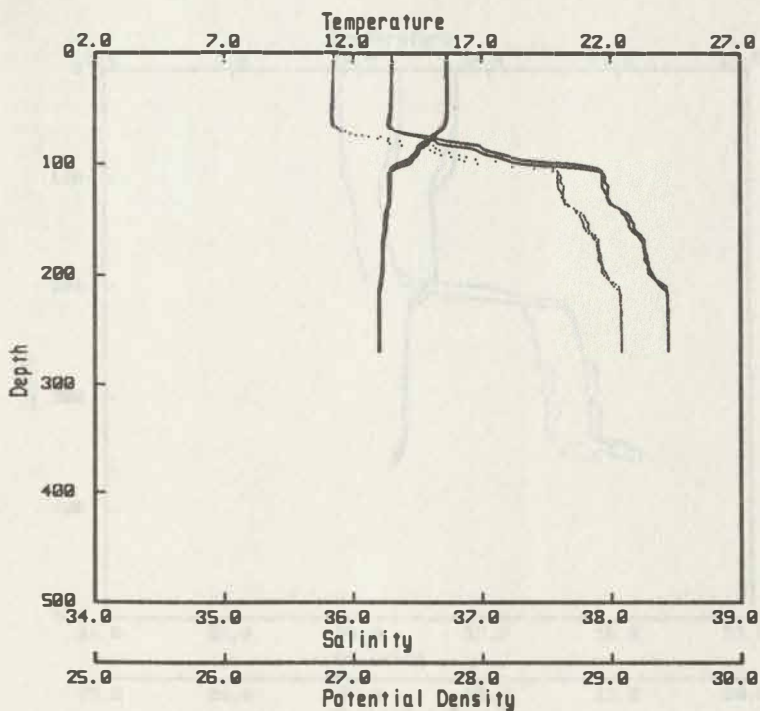


STATION TGS019 : 35 56.5 N 5 45.4 W 11/ 4/86 418Z 262/ 272m

Day: 101.17 SST: 15.3 Tdry: 14.0 RH: 71.4 Wspd: 14.0 CTD #: 5  
177 7.40 1 (MALABATA):07 MAYKm E and N of Tarifa: -11.3km -6.4km  
TGS019, DISK GBY021, GBY 12A.

PR	TE	SA	SGTH
20.0	15.698	36.308	26.840
30.0	15.700	36.308	26.840
40.0	15.706	36.307	26.839
50.0	15.711	36.304	26.836
60.0	15.716	36.298	26.830
70.0	15.681	36.296	26.837
80.0	15.562	36.314	26.878
90.0	15.198	36.506	27.108
100.0	14.898	36.776	27.384
120.0	13.672	37.685	28.353
140.0	13.409	37.959	28.621
160.0	13.287	38.086	28.746
180.0	13.055	38.379	29.022
200.0	13.017	38.434	29.073

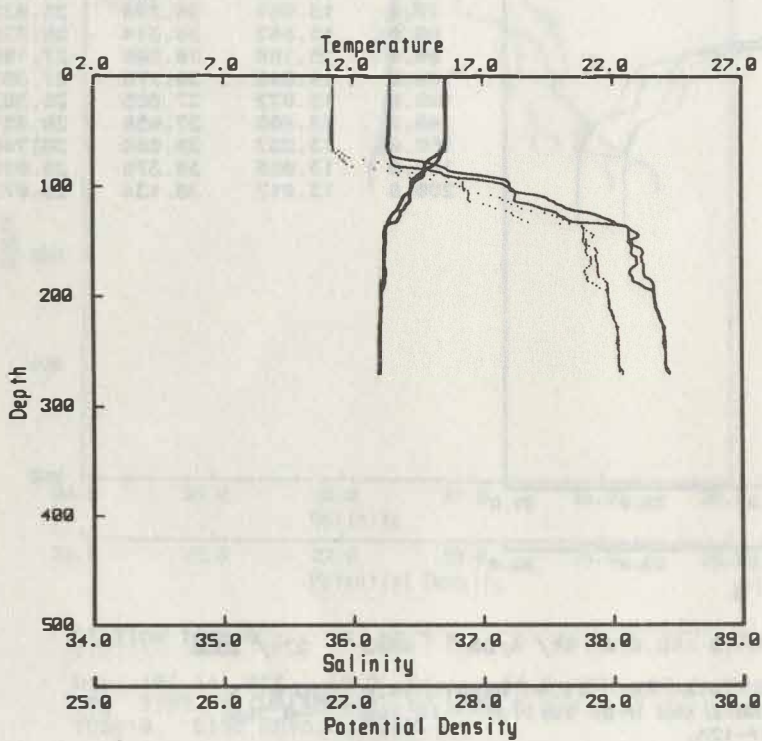
STATION TGS020 : 35 56.6 N 5 45.0 W 11/ 4/86 450Z 271/ 283m

Day: 101.19 SST: 15.3 Tdry: 14.0 RH: 71.4 Wspd: 14.0 CTD #: 5  
179 7.44 1 (MALABATA):07 MAYKm E and N of Tarifa: -10.9km -6.3km  
TGS020, DISK GBY021, TAPE GBY-12A.

PR	TE	SA	SGTH
10.0	15.643	36.307	26.852
20.0	15.649	36.301	26.846
30.0	15.657	36.298	26.843
40.0	15.659	36.294	26.839
50.0	15.659	36.288	26.835
60.0	15.604	36.273	26.836
70.0	15.316	36.323	26.940
80.0	14.936	36.640	27.270
90.0	14.516	36.992	27.634
100.0	14.153	37.323	27.969
120.0	13.391	37.984	28.644
140.0	13.333	38.068	28.721
160.0	13.246	38.165	28.815
180.0	13.161	38.262	28.909
200.0	13.125	38.304	28.950

STATION TGS021 : 35 56.5 N 5 45.0 W 11/ 4/86 519Z 270/ 278m

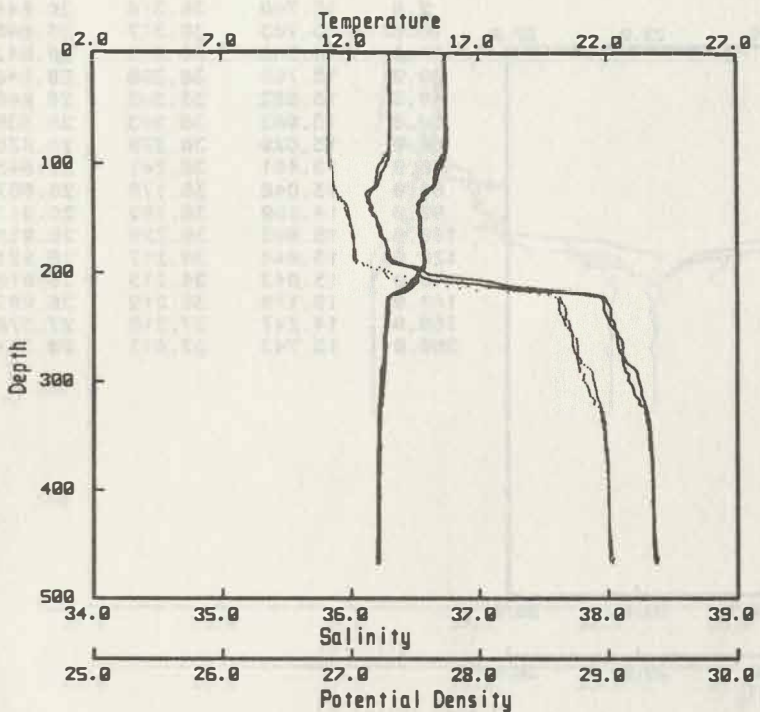
Day: 101.22 SST: 15.3 Tdry: 14.0 RH: 71.4 Wspd: 10.0 CTD #: 5  
 179 7.40 1 (MALABATA):07 MAYkm E and N of Tarifa: -10.9km -6.4km  
 TGS021



PR	TE	SA	SGTH
20.0	15.602	36.288	26.847
30.0	15.605	36.286	26.845
40.0	15.609	36.281	26.841
50.0	15.616	36.275	26.835
60.0	15.590	36.268	26.836
70.0	15.319	36.297	26.920
80.0	14.821	36.617	27.278
90.0	14.516	36.988	27.631
100.0	14.273	37.210	27.856
120.0	13.777	37.650	28.303
140.0	13.276	38.126	28.778
160.0	13.178	38.241	28.889
180.0	13.177	38.245	28.893
200.0	13.109	38.324	28.969

STATION WYS001 : 35 54.0 N 5 45.8 W 11/ 4/86 727Z 468/ 477m

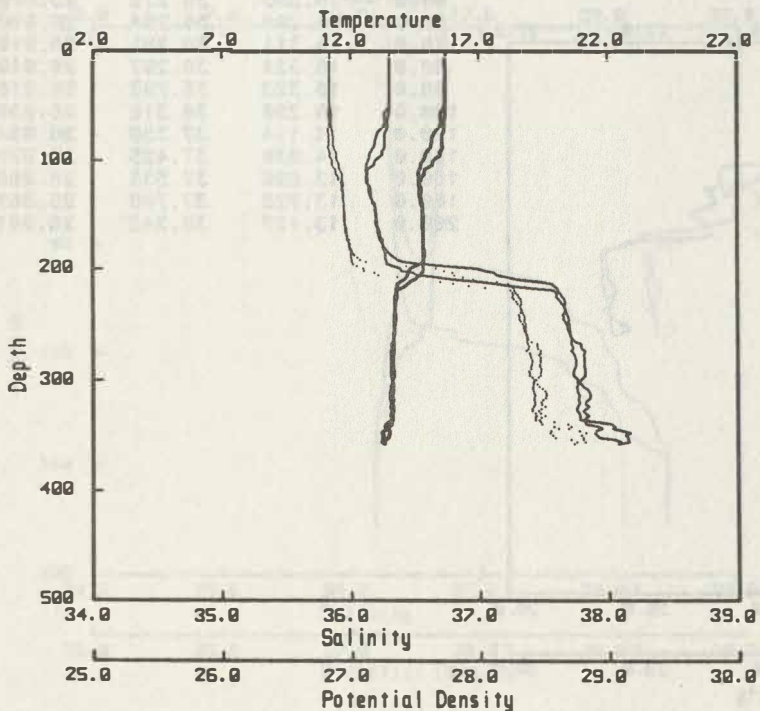
Day: 101.30 SST: 15.3 Tdry: 13.6 RH: 64.7 Wspd: 11.0 CTD #: 5  
 171 4.94 1 (MALABATA): 14 APKm E and N of Tarifa: -12.0km -11.1km  
 WYS-1 . BEGIN WHISKEY LINE; END OF RISING TIDE. DISK GBY0



PR	TE	SA	SGTH
20.0	15.728	36.312	26.837
30.0	15.729	36.312	26.837
40.0	15.730	36.312	26.837
50.0	15.734	36.311	26.836
60.0	15.739	36.310	26.834
70.0	15.743	36.308	26.832
80.0	15.746	36.304	26.829
90.0	15.734	36.300	26.829
100.0	15.387	36.226	26.851
120.0	15.229	36.193	26.862
140.0	14.629	36.146	26.959
160.0	14.674	36.223	27.009
180.0	14.824	36.279	27.020
200.0	14.604	36.536	27.267
300.0	13.172	38.236	28.890
400.0	13.052	38.345	29.003

STATION WYS002 : 35 54.0 N 5 45.5 W 11/ 4/86 838Z 359/ 369m

Day: 101.35 SST: 15.7 Tdry: 14.1 RH: 68.0 Wspd: 14.0 CTD #: 5  
 174 4.92 1 (MALABATA): 14 APKm E and N of Tarifa: -11.6km -11.1km  
 WYS-2 . SLACK TIDE. DISK GBY022.



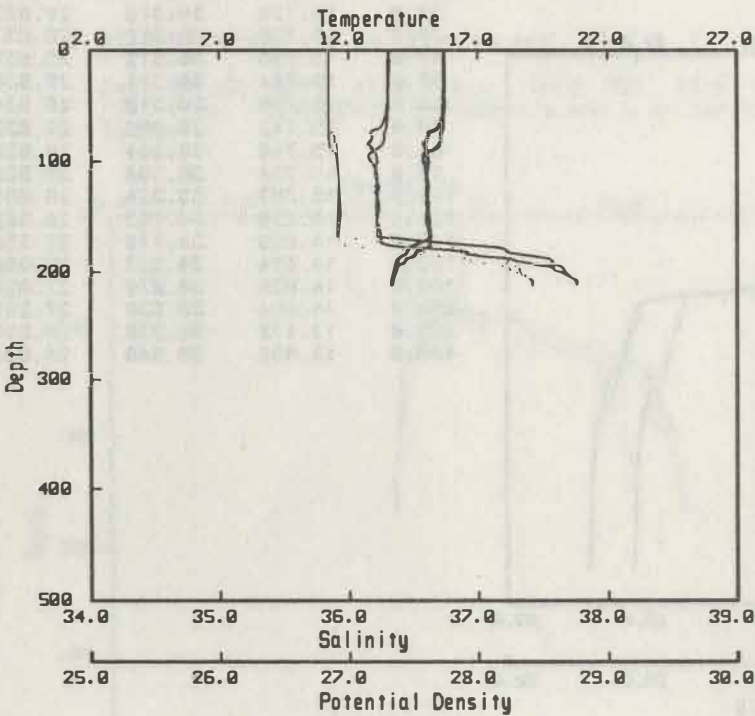
PR	TE	SA	SGTH
30.0	15.686	36.303	26.840
40.0	15.688	36.303	26.840
50.0	15.697	36.302	26.837
60.0	15.672	36.292	26.836
70.0	15.660	36.288	26.836
80.0	15.579	36.269	26.840
90.0	15.561	36.262	26.839
100.0	15.236	36.197	26.862
120.0	14.691	36.128	26.931
140.0	14.812	36.195	26.956
160.0	14.817	36.207	26.965
180.0	14.859	36.260	26.997
200.0	14.341	36.983	27.669
300.0	13.635	37.784	28.443



STATION WYS003 : 35 53.9 N 5 44.6 W 11/ 4/86 916Z 211/ 222m

Day: 101.38 SST: 15.5 Tdry: 15.0 RH: 68.1 Wspd: 8.0 CTD #: 5  
 183 4.80 1 (MALABATA): 14 APKm E and N of Tarifa: -10.1km -11.2km  
 WYS003, DISK GBY022, TAPE GBY014-A.

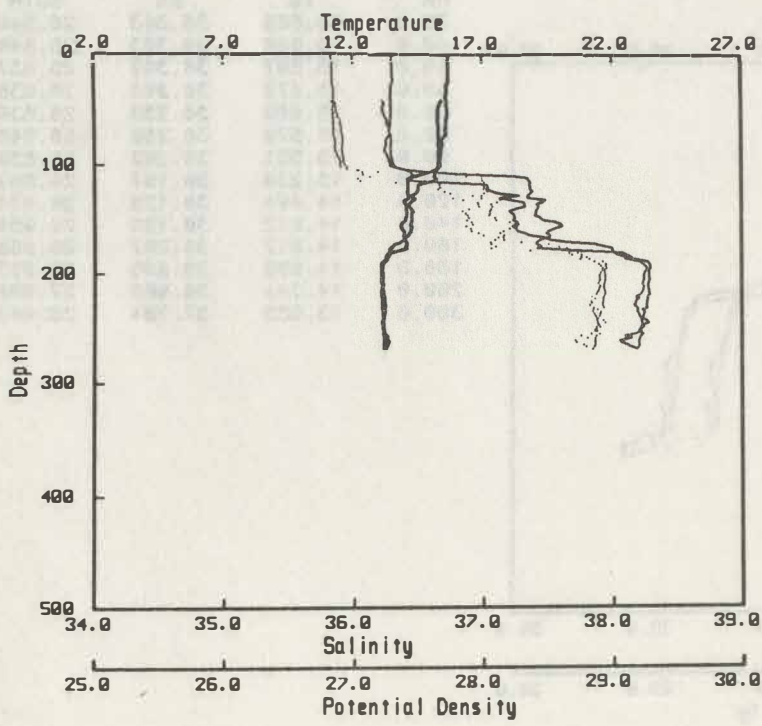
PR	TE	SA	SGTH
2.0	15.706	36.316	26.844
10.0	15.703	36.317	26.846
20.0	15.703	36.312	26.842
30.0	15.700	36.308	26.840
40.0	15.682	36.302	26.840
50.0	15.662	36.293	26.838
60.0	15.629	36.279	26.835
70.0	15.461	36.241	26.845
80.0	15.048	36.176	26.887
90.0	14.989	36.192	26.913
100.0	15.088	36.226	26.918
120.0	15.044	36.217	26.921
140.0	15.043	36.213	26.919
160.0	15.116	36.212	28.803
180.0	14.247	37.218	27.870
200.0	13.743	37.673	28.331



STATION WYS004 : 35 54.7 N 5 39.3 W 11/ 4/86 948Z 270/ 305m

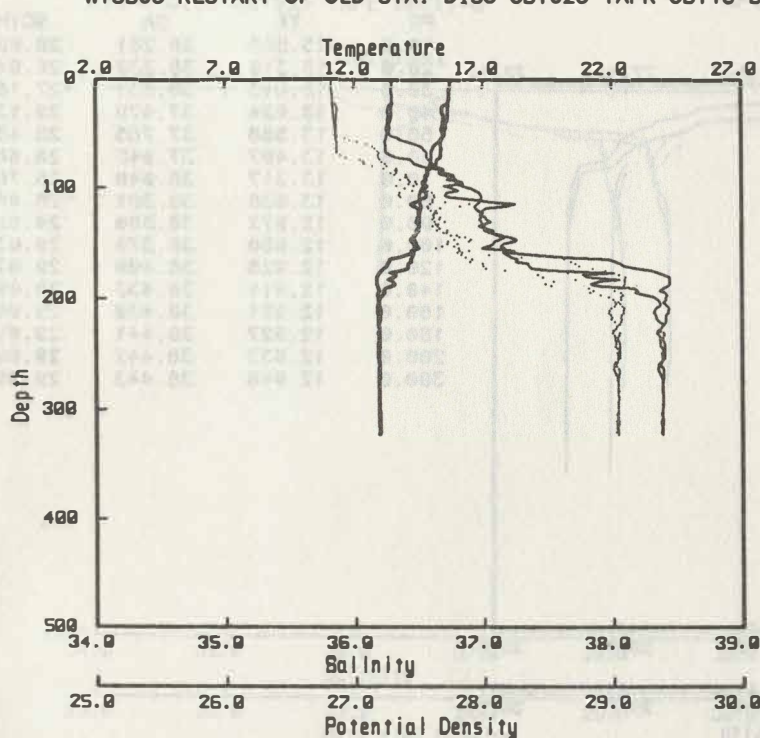
Day: 101.39 SST: 15.5 Tdry: 15.4 RH: 64.0 Wspd: 9.0 CTD #: 5  
 219 7.20 1 (MALABATA): 15 APKm E and N of Tarifa: -2.2km -9.8km  
 WYS004, DISK GBY023, TAPE GBY014-B.

PR	TE	SA	SGTH
50.0	15.305	36.229	26.870
60.0	15.290	36.264	26.900
70.0	15.311	36.282	26.910
80.0	15.324	36.297	26.919
90.0	15.323	36.293	26.916
100.0	15.296	36.310	26.936
120.0	14.114	37.356	28.004
140.0	14.030	37.425	28.076
160.0	13.896	37.555	28.206
180.0	13.725	37.708	28.361
200.0	13.127	38.242	28.901



STATION WYS005 : 35 54.1 N 5 43.1 W 11/ 4/86 1057Z 322/ 325m

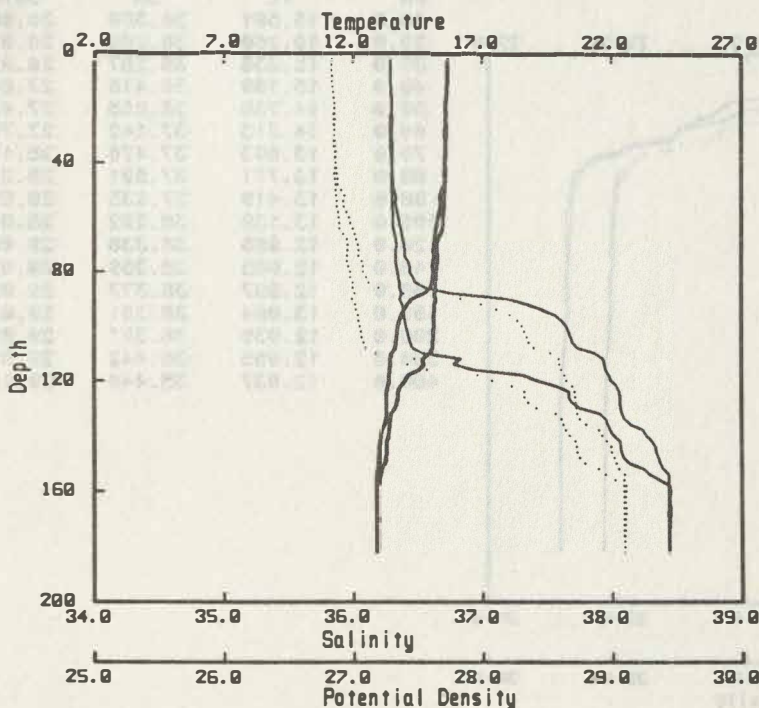
Day: 101.44 SST: 15.5 Tdry: 15.4 RH: 64.0 Wspd: 9.0 CTD #: 5  
 196 5.12 1 (MALABATA): 14 APKm E and N of Tarifa: -8.0km -11.0km  
 WYS005 RESTART OF OLD STA. DISC GBY023 TAPR GBY15-B



PR	TE	SA	SGTH
30.0	15.436	36.266	26.868
40.0	15.462	36.265	26.862
50.0	15.473	36.259	26.855
60.0	15.381	36.251	26.870
70.0	15.379	36.288	26.899
80.0	15.118	36.524	27.140
90.0	14.784	36.782	27.413
100.0	14.653	36.905	27.537
120.0	14.581	36.964	27.599
140.0	14.459	37.057	27.698
160.0	14.060	37.396	28.047
180.0	12.915	38.437	29.096
200.0	12.952	38.406	29.065
300.0	12.991	38.378	29.038

STATION WYS006 : 35 54.0 N 5 42.5 W 11/ 4/86 1120Z 182/ 192m

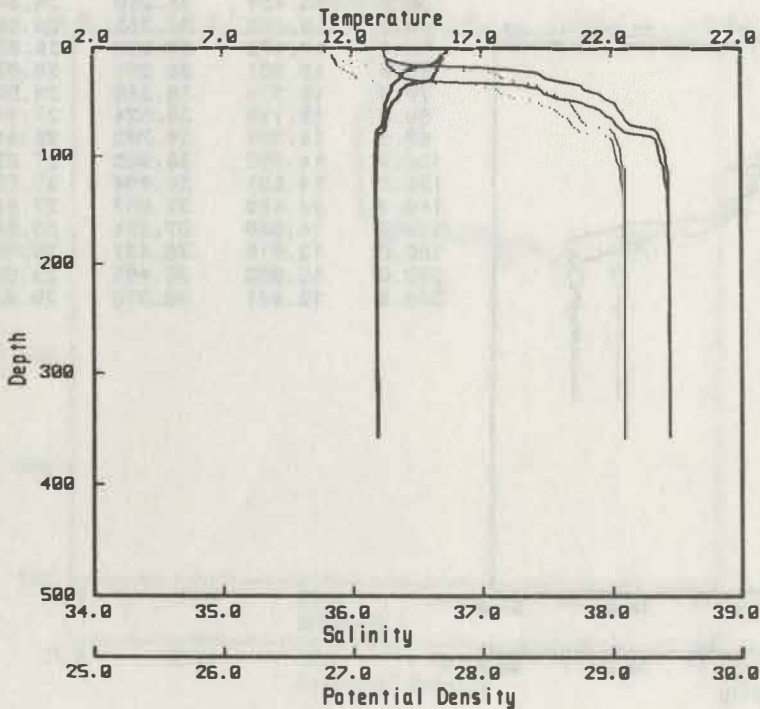
Day: 101.47 SST: 15.6 Tdry: 15.4 RH: 65.7 Wspd: 8.0 CTD #: 5  
 202 5.20 1 (MALABATA): 15 APKm E and N of Tarifa: -7.0km -11.2km  
 WYS006 DISC GBY024 TAPE GBY016-A



PR	TE	SA	SGTH
30.0	15.565	36.289	26.857
40.0	15.561	36.301	26.867
50.0	15.423	36.317	26.911
60.0	15.282	36.353	26.971
70.0	15.131	36.396	27.038
80.0	15.103	36.440	27.079
90.0	14.290	37.186	27.833
100.0	13.748	37.651	28.310
120.0	13.390	37.995	28.652
140.0	13.085	38.264	28.925
160.0	12.917	38.434	29.093
180.0	12.917	38.438	29.096

STATION WYS007 : 35 54.2 N 5 42.0 W 11/ 4/86 1142Z 357/ 369m

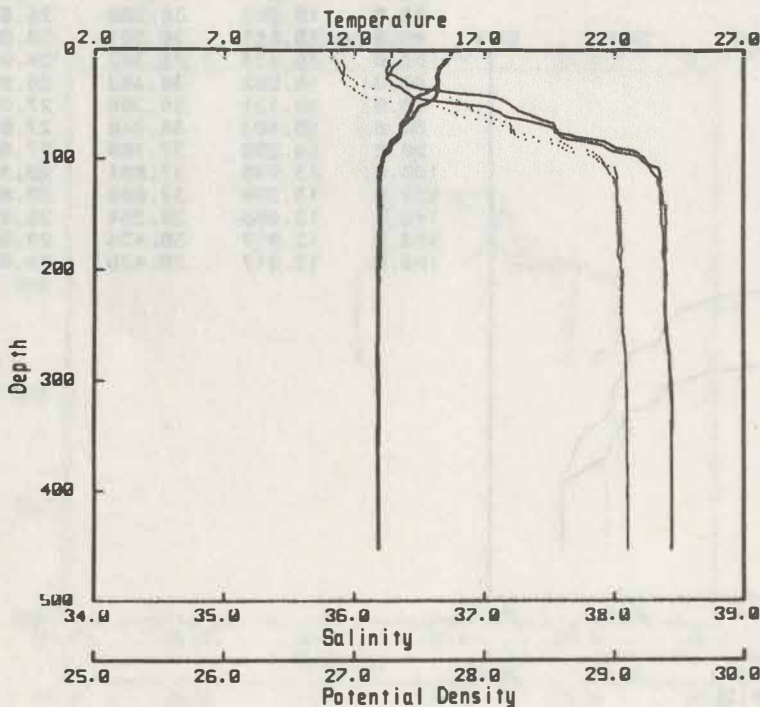
Day: 101.48 SST: 15.6 Tdry: 14.2 RH: 65.4 Wap d: 10.0 CTD #: 5  
 205 5.55 1 (MALABATA): 15 APkm E and N of Tarifa: -6.3km -10.8km  
 WYS007 DISC GBY024 TAPE GBY016-B



PR	TE	SA	SGTH
10.0	15.555	36.281	26.852
20.0	15.319	36.330	26.943
30.0	15.015	36.531	27.167
40.0	13.924	37.479	28.137
50.0	13.568	37.785	28.450
60.0	13.407	37.945	28.608
70.0	13.317	38.040	28.701
80.0	13.036	38.301	28.962
90.0	12.972	38.360	29.022
100.0	12.956	38.376	29.038
120.0	12.928	38.409	29.070
140.0	12.911	38.433	29.092
160.0	12.921	38.439	29.096
180.0	12.927	38.441	29.096
200.0	12.933	38.442	29.097
300.0	12.946	38.443	29.098

STATION WYS008 : 35 54.3 N 5 40.3 W 11/ 4/86 1211Z 450/ 454m

Day: 101.50 SST: 15.9 Tdry: 15.4 RH: 67.0 Wap d: 10.0 CTD #: 5  
 216 6.36 1 (MALABATA): 15 APkm E and N of Tarifa: -3.7km -10.6km  
 WYS008 DISC GBY024 GBY016-A

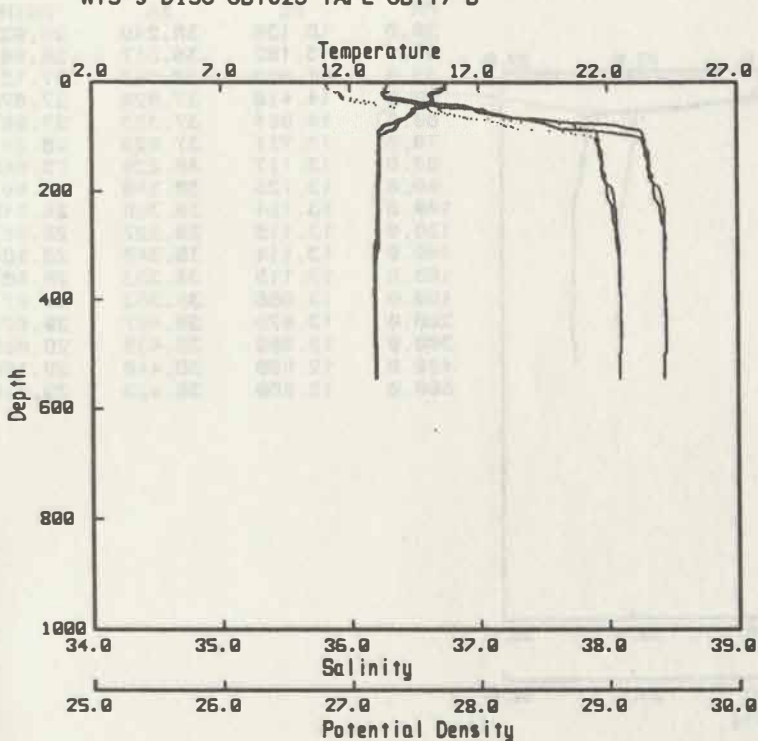


PR	TE	SA	SGTH
10.0	15.591	36.366	26.909
20.0	15.269	36.286	26.921
30.0	15.238	36.287	26.929
40.0	15.189	36.418	27.041
50.0	14.758	36.805	27.435
60.0	14.313	37.142	27.793
70.0	13.893	37.476	28.142
80.0	13.771	37.591	28.258
90.0	13.419	37.935	28.599
100.0	13.139	38.202	28.865
120.0	12.985	38.338	29.003
140.0	12.965	38.359	29.024
160.0	12.997	38.373	29.029
180.0	13.004	38.381	29.034
200.0	12.939	38.391	29.056
300.0	12.955	38.442	29.095
400.0	12.937	38.440	29.100

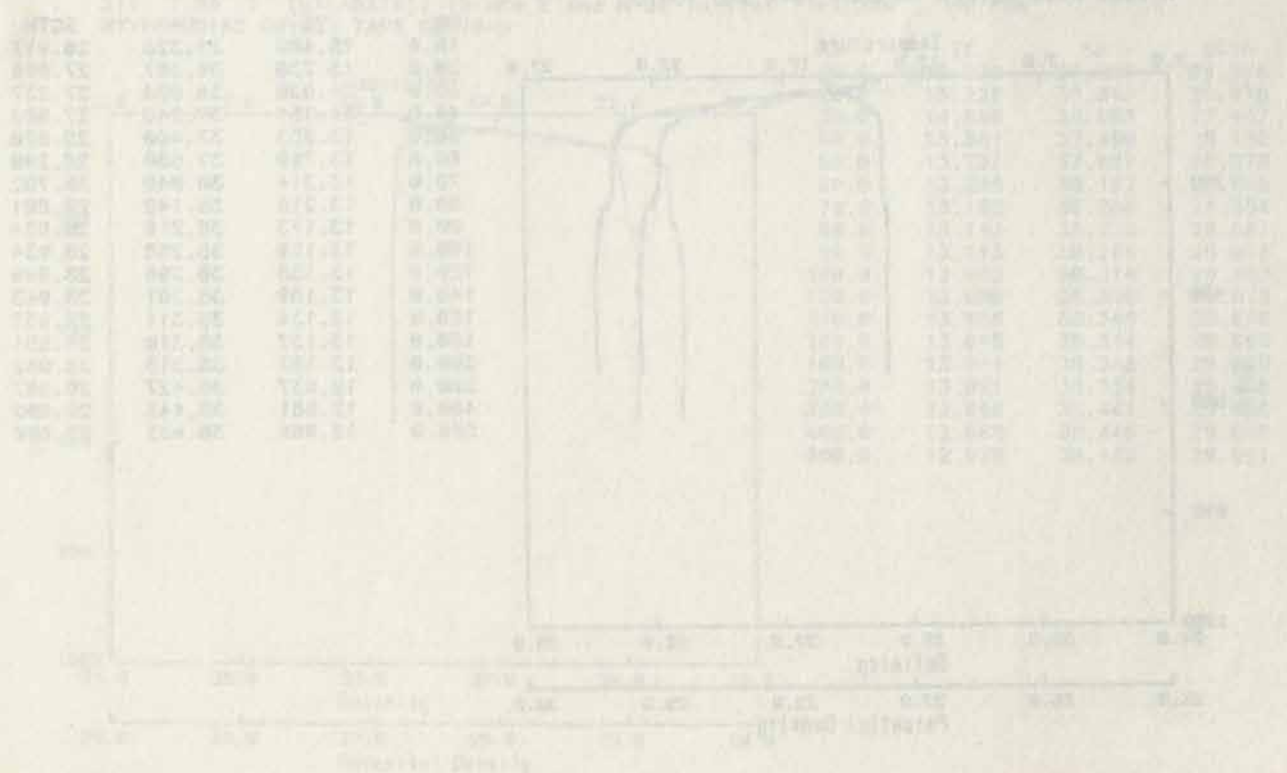


STATION WYS009 : 35 54.5 N 5 38.9 W 11/ 4/86 1246Z 544/ 548m

Day: 101.52 SST: 15.9 Tdry: 15.4 RH: 64.0 Wspd: 10.0 CTD #: 5  
 222 7.20 1 MALABATA; 15 APR Km E and N of Tarif a: -1.7km -10.2km  
 WYS-9 DISC GBY025 TAPE GBY17-B

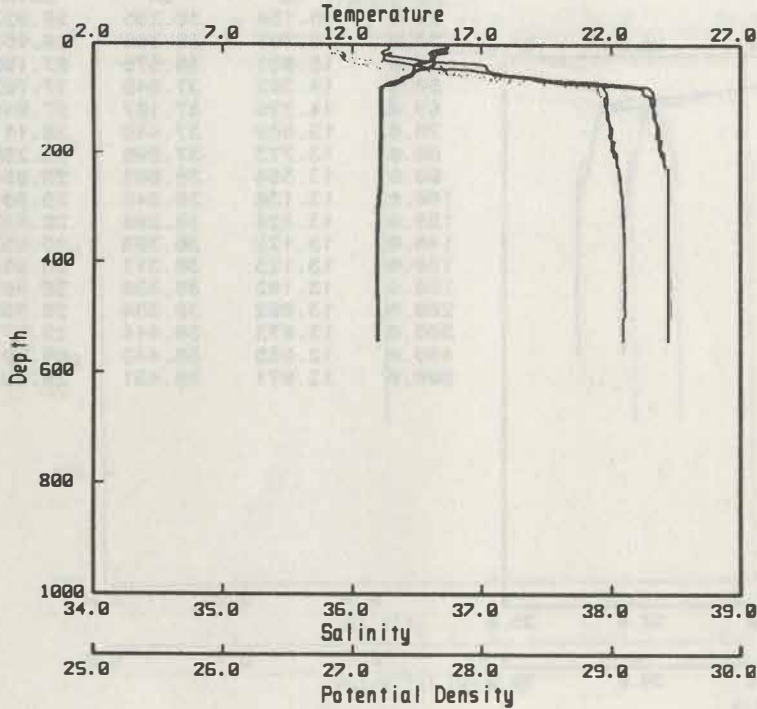


PR	TE	SA	SGTH
20.0	15.154	36.255	26.923
30.0	15.191	36.306	26.954
40.0	15.021	36.575	27.199
50.0	14.392	37.048	27.703
60.0	14.229	37.187	27.846
70.0	13.909	37.440	28.111
80.0	13.773	37.590	28.256
90.0	13.354	38.002	28.664
100.0	13.138	38.248	28.901
120.0	13.124	38.290	28.937
140.0	13.122	38.308	28.952
160.0	13.123	38.311	28.954
180.0	13.102	38.339	28.981
200.0	13.092	38.354	28.995
300.0	13.072	38.444	29.072
400.0	12.955	38.443	29.099
500.0	12.971	38.431	29.089



STATION WYY001 : 35 54.7 N 5 39.6 W 11/ 4/86 1315Z 541/ 546m

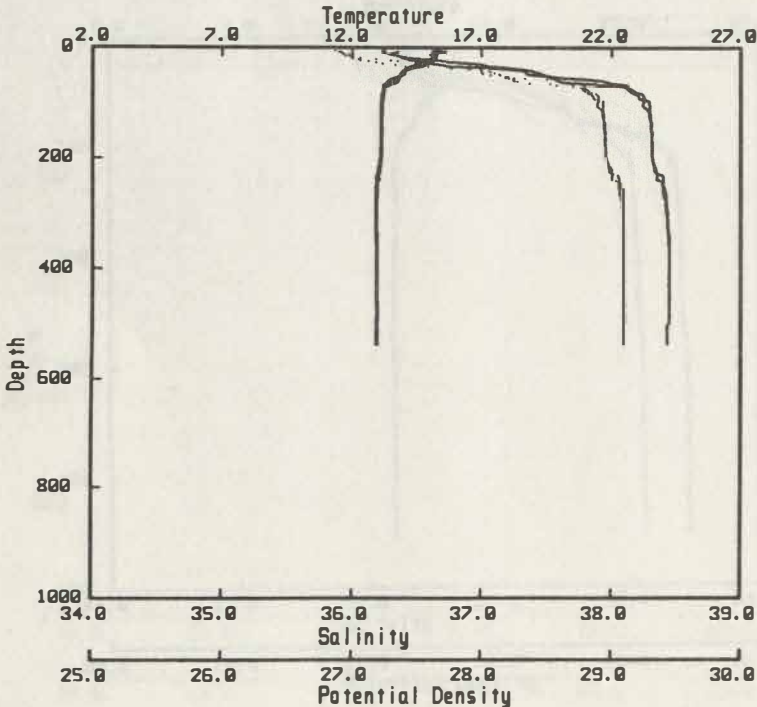
Day: 101.55 SST: 15.9 Tdry: 15.4 RH: 64.0 Wspd: 10.0 CTD #: 5  
 218 7.00 1 MALABATA; 15 APRkm E and N of Tarifa: -2.6km -9.9km  
 WYY001 DISC GBY026 TAPE GBY018-A



PR	TE	SA	SGTH
20.0	15.138	36.249	26.922
30.0	15.192	36.317	26.962
40.0	15.028	36.562	27.188
50.0	14.418	37.020	27.676
60.0	14.064	37.323	27.987
70.0	13.721	37.628	28.297
80.0	13.127	38.229	28.888
90.0	13.135	38.248	28.901
100.0	13.124	38.305	28.948
120.0	13.118	38.327	28.967
140.0	13.114	38.348	28.984
160.0	13.115	38.353	28.989
180.0	13.088	38.382	29.017
200.0	13.079	38.407	29.039
300.0	12.986	38.438	29.086
400.0	12.960	38.446	29.100
500.0	12.980	38.435	29.090

STATION WYY002 : 35 54.7 N 5 39.1 W 11/ 4/86 1347Z 545/ 555m

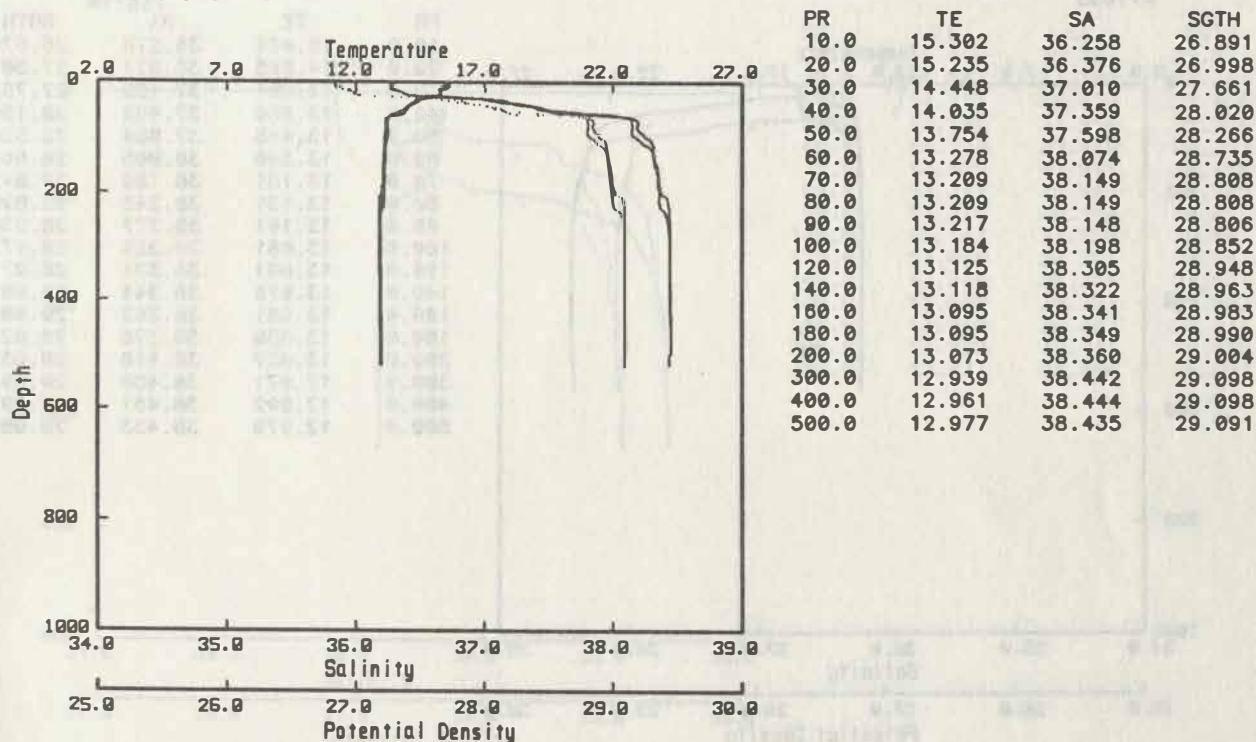
Day: 101.56 SST: 15.9 Tdry: 15.4 RH: 64.0 Wspd: 10.0 CTD #: 5  
 220 7.28 1 MALABATA; 15 APRkm E and N of Tarifa: -2.0km -9.8km  
 WYY002 DISC GBY026 TAPE GBY 18-A 2ND YO-YO



PR	TE	SA	SGTH
10.0	15.409	36.323	26.917
20.0	15.236	36.387	27.006
30.0	14.939	36.600	27.237
40.0	14.151	37.246	27.908
50.0	13.953	37.400	28.070
60.0	13.769	37.580	28.249
70.0	13.314	38.040	28.702
80.0	13.218	38.142	28.801
90.0	13.173	38.210	28.864
100.0	13.126	38.288	28.934
120.0	13.138	38.298	28.940
140.0	13.139	38.301	28.943
160.0	13.134	38.311	28.952
180.0	13.137	38.310	28.951
200.0	13.107	38.315	28.962
300.0	12.937	38.427	29.087
400.0	12.961	38.445	29.099
500.0	12.969	38.432	29.090

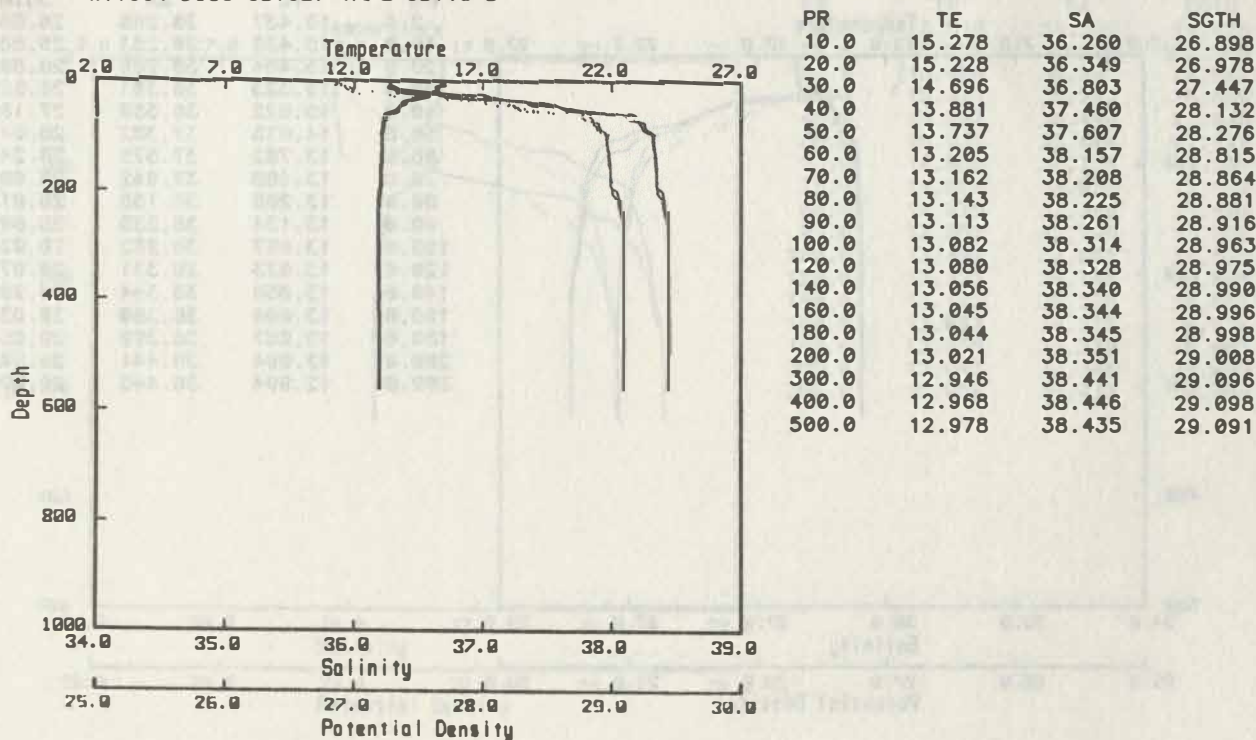
STATION WYY003 : 35 54.5 N 5 39.6 W 11/ 4/86 1415Z 520/ 527m

Day: 101.59 SST: 15.7 Tdry: 13.7 RH: 78.0 Wspd: 14.0 CTD #: 5  
 219 6.84 1 (MALABATA): 15 AKm E and N of Tarifa: -2.6km -10.3km  
 WYY003 DISC GBY027



STATION WYY004 : 35 54.7 N 5 39.3 W 11/ 4/86 1445Z 562/ 564m

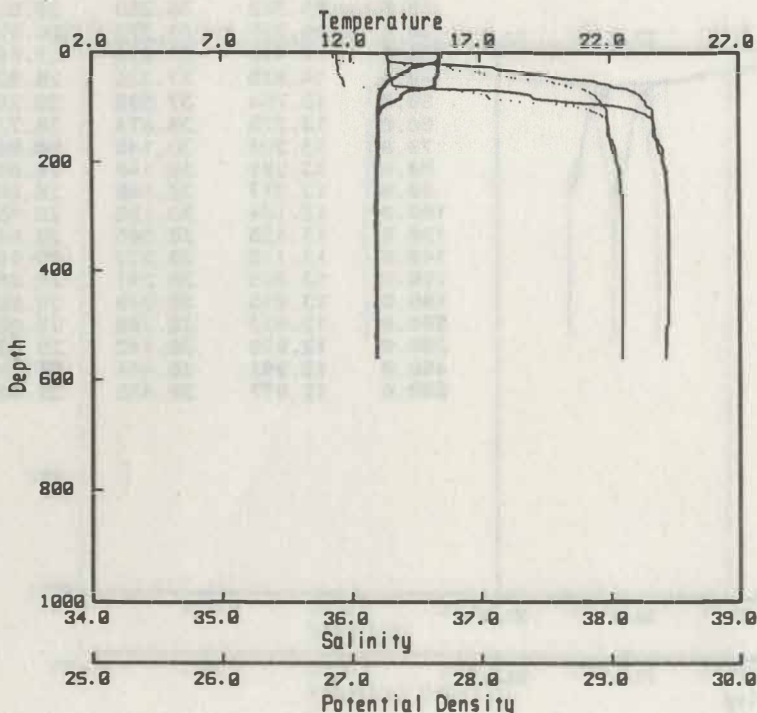
Day: 101.60 SST: 15.7 Tdry: 13.7 RH: 78.0 Wspd: 12.0 CTD #: 5  
 219 7.20 1 (MALABATA): 15 AKm E and N of Tarifa: -2.2km -9.8km  
 WYY004 DISC GBY027 TAPE GBY18-B





STATION WYY005 : 35 54.6 N 5 40.0 W 11/ 4/86 1515Z 559/ 570m

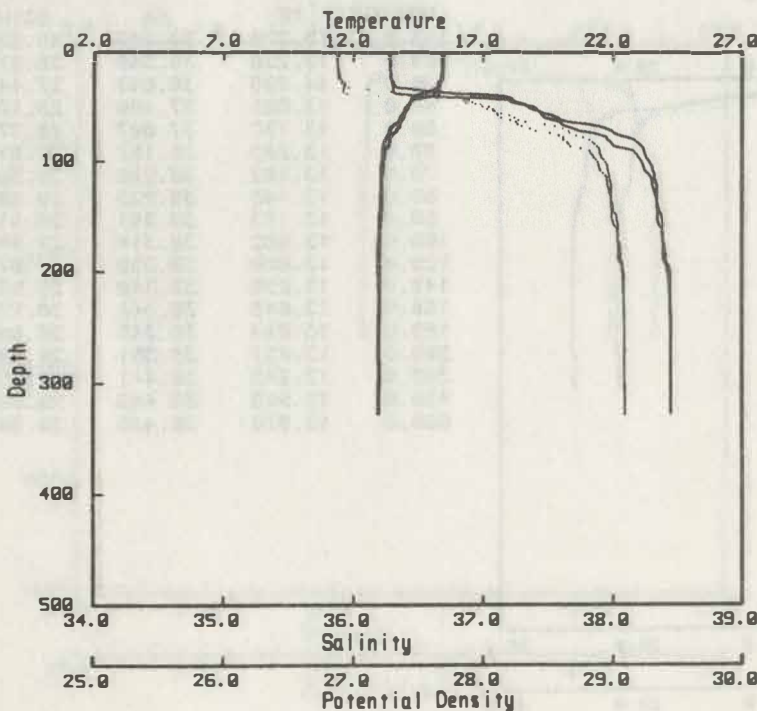
Day: 101.63 SST: 15.5 Tdry: 14.6 RH: 67.0 Wspd: 15.0 CTD #: 5  
 216 6.72 1 (MALABATA) 15 APR Km E and N of Tarif a: -3.3km -10.0km  
 WYY005



PR	TE	SA	SGTH
10.0	15.466	36.278	26.870
20.0	14.895	36.671	27.301
30.0	14.291	37.139	27.795
40.0	13.860	37.489	28.158
50.0	13.488	37.854	28.520
60.0	13.346	38.005	28.668
70.0	13.181	38.186	28.843
80.0	13.131	38.245	28.899
90.0	13.101	38.277	28.930
100.0	13.081	38.325	28.972
120.0	13.081	38.331	28.977
140.0	13.076	38.344	28.989
160.0	13.081	38.362	29.003
180.0	13.059	38.378	29.020
200.0	13.027	38.410	29.052
300.0	12.971	38.450	29.098
400.0	12.992	38.451	29.097
500.0	12.979	38.433	29.089

STATION WYY006 : 35 54.7 N 5 39.6 W 11/ 4/86 1546Z 328/ 534m

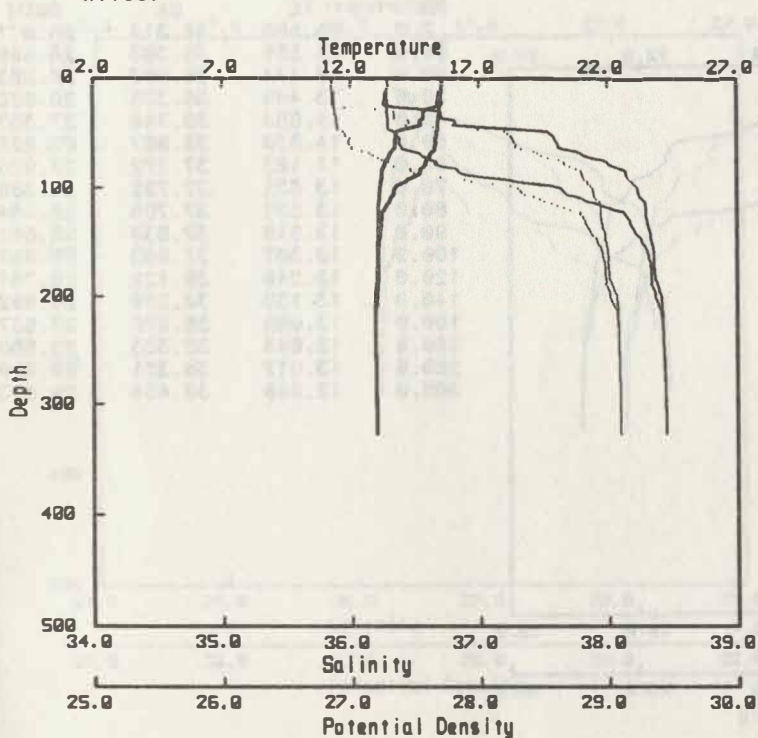
Day: 101.64 SST: 15.5 Tdry: 14.6 RH: 67.0 Wspd: 15.0 CTD #: 5  
 218 7.00 1 (MALABATA) 15 APR Km E and N of Tarif a: -2.6km -9.9km  
 WYY006



PR	TE	SA	SGTH
2.0	15.437	36.285	26.881
10.0	15.439	36.283	26.880
20.0	15.404	36.288	26.892
30.0	15.323	36.301	26.920
40.0	15.022	36.558	27.186
50.0	14.015	37.382	28.043
60.0	13.782	37.575	28.242
70.0	13.408	37.942	28.606
80.0	13.208	38.155	28.813
90.0	13.134	38.235	28.891
100.0	13.097	38.282	28.936
120.0	13.073	38.331	28.979
140.0	13.050	38.344	28.995
160.0	13.004	38.380	29.033
180.0	12.967	38.399	29.056
200.0	12.994	38.441	29.083
300.0	12.994	38.446	29.090

STATION WYY007 : 35 54.4 N 5 39.2 W 11/ 4/86 1140Z 328/ 500m

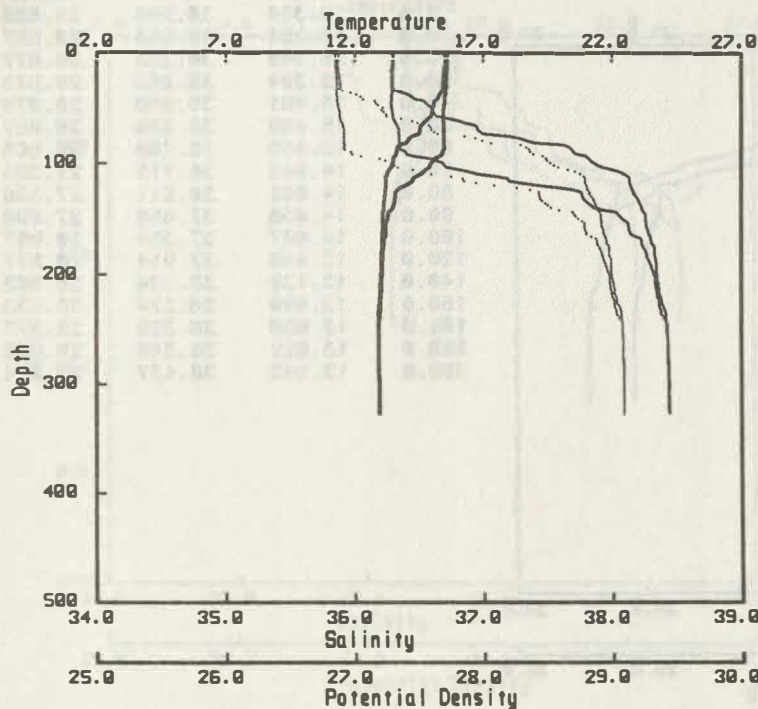
Day: 101.47 SST: 15.5 Tdry: 14.6 RH: 67.0 Wspd: 15.0 CTD #: 5  
 221 6.96 1 (MALABATA): 15 AKm E and N of Tarifa: -2.2km -10.4km  
 WYY007



PR	TE	SA	SGTH
20.0	15.416	36.267	26.873
30.0	14.843	36.708	27.341
40.0	14.713	36.819	27.456
50.0	13.797	37.558	28.226
60.0	13.733	37.619	28.287
70.0	13.525	37.821	28.488
80.0	13.312	38.043	28.705
90.0	13.214	38.154	28.812
100.0	13.147	38.228	28.883
120.0	13.094	38.295	28.947
140.0	13.076	38.324	28.974
160.0	13.048	38.353	29.003
180.0	13.040	38.361	29.011
200.0	12.952	38.411	29.069
300.0	12.973	38.444	29.093

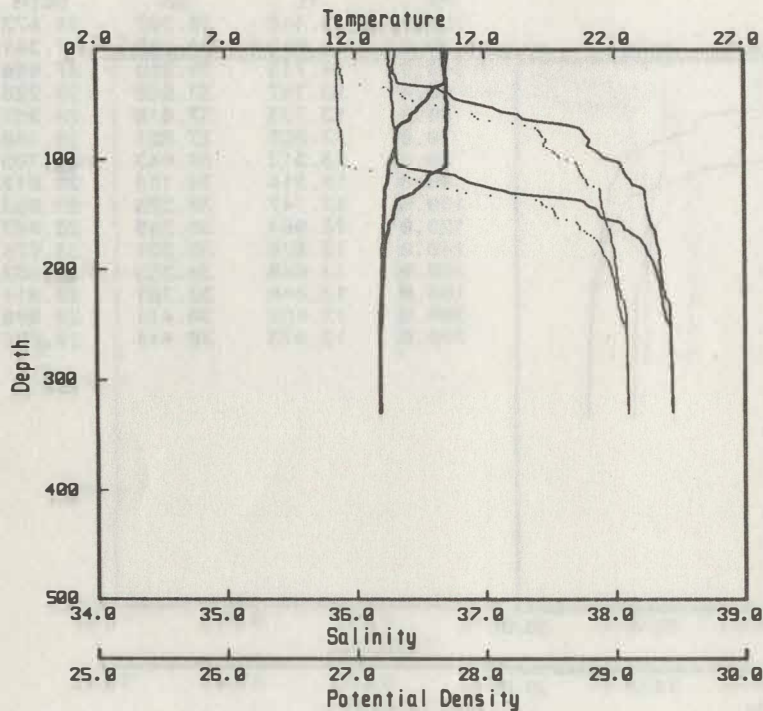
STATION WYY008 : 35 54.5 N 5 38.9 W 11/ 4/86 1623Z 328/ 504m

Day: 101.68 SST: 15.5 Tdry: 14.6 RH: 67.0 Wspd: 15.0 CTD #: 5  
 222 7.20 1 (MALABATA) 15 APRkm E and N of Tarifa: -1.7km -10.2km  
 WYY008



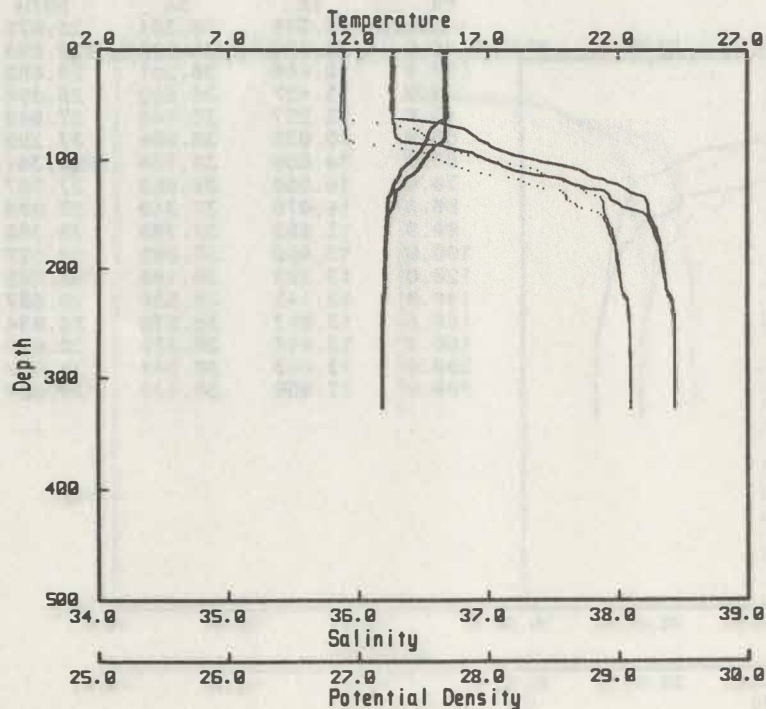
PR	TE	SA	SGTH
2.0	15.516	36.301	26.876
10.0	15.530	36.295	26.868
20.0	15.460	36.291	26.882
30.0	15.427	36.292	26.890
40.0	15.257	36.448	27.049
50.0	15.032	36.604	27.220
60.0	14.850	36.734	27.361
70.0	14.555	36.956	27.597
80.0	14.075	37.340	27.998
90.0	13.652	37.700	28.368
100.0	13.492	37.862	28.527
120.0	13.222	38.146	28.805
140.0	13.142	38.230	28.887
160.0	13.097	38.278	28.934
180.0	13.066	38.330	28.982
200.0	13.043	38.346	28.999
300.0	12.950	38.439	29.094

STATION WYY009 : 35 54.5 N 5 38.5 W 11/ 4/86 1641Z 329/ 540m

Day: 101.68 SST: 15.5 Tdry: 14.6 RH: 67.0 Wspd: 15.0 CTD #: 5  
224 7.40 1 (MAL ABATA): 15 APkm E and N of Tarifa: -1.1km -10.2km  
WYY009

PR	TE	SA	SGTH
2.0	15.580	36.314	26.871
10.0	15.556	36.303	26.869
20.0	15.474	36.297	26.883
30.0	15.498	36.328	26.902
40.0	14.883	36.740	27.357
50.0	14.530	36.987	27.626
60.0	14.163	37.272	27.926
70.0	13.632	37.722	28.388
80.0	13.556	37.798	28.464
90.0	13.516	37.837	28.502
100.0	13.387	37.968	28.631
120.0	13.246	38.122	28.781
140.0	13.138	38.236	28.892
160.0	13.085	38.279	28.937
180.0	13.044	38.333	28.988
200.0	13.017	38.351	29.009
300.0	12.940	38.436	29.093

STATION WYY010 : 35 54.4 N 5 38.0 W 11/ 4/86 1659Z 328/ 509m

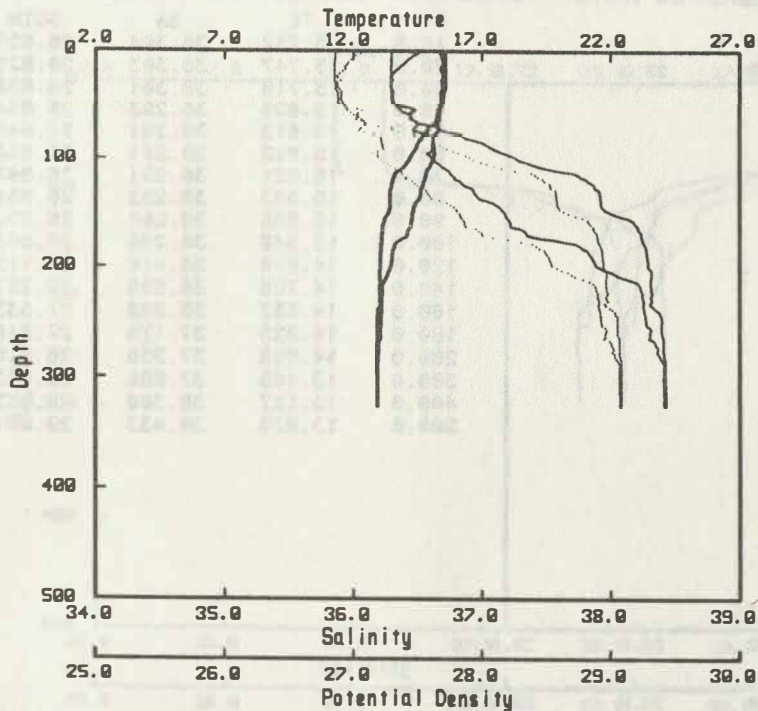
Day: 101.69 SST: 15.5 Tdry: 14.6 RH: 67.0 Wspd: 15.0 CTD #: 5  
227 7.64 1 (MALAB ATA): 15 AKm E and N of Tarifa: -0.3km -10.5km  
WYY010

PR	TE	SA	SGTH
2.0	15.309	36.266	26.896
10.0	15.304	36.253	26.887
20.0	15.349	36.253	26.877
30.0	15.394	36.260	26.873
40.0	15.401	36.258	26.870
50.0	15.409	36.256	26.867
60.0	15.459	36.268	26.865
70.0	14.946	36.715	27.325
80.0	14.662	36.911	27.539
90.0	14.458	37.056	27.696
100.0	14.087	37.354	28.007
120.0	13.448	37.914	28.577
140.0	13.139	38.224	28.883
160.0	13.089	38.274	28.933
180.0	13.050	38.320	28.977
200.0	13.022	38.348	29.005
300.0	12.942	38.437	29.094



STATION WYY011 : 35 54.1 N 5 37.5 W 11/ 4/86 1716Z 325/ 330m

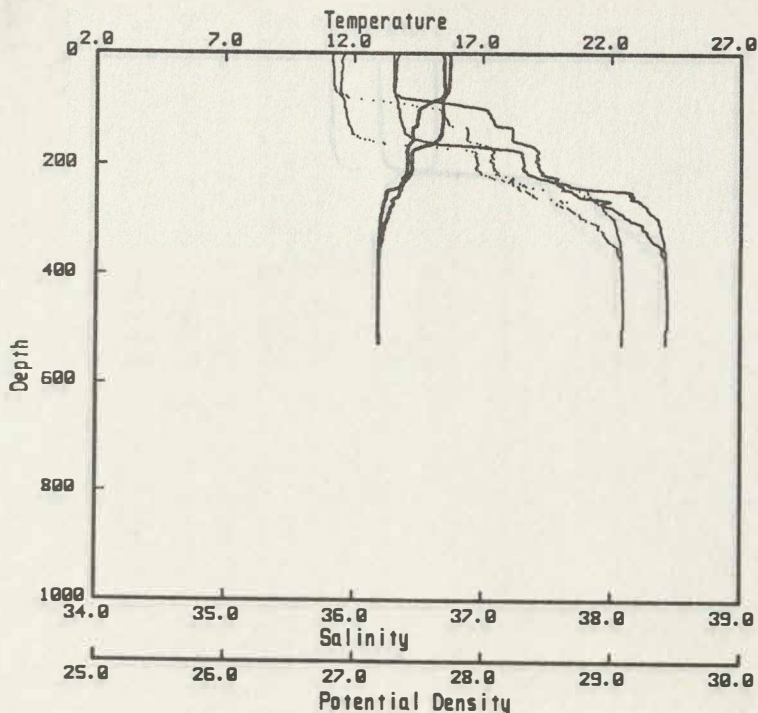
Day: 101.71 SST: 15.5 Tdry: 15.1 RH: 68.0 Wspd: 18.0 CTD #: 5  
 6 6.08 2 (TARIFA): 15 APRkm E and N of Tarifa: .4km -11.0km  
 WYY011 DISC GBY029 TAPE GBY020-A



PR	TE	SA	SGTH
2.0	15.390	36.499	27.057
10.0	15.499	36.405	26.960
20.0	15.475	36.309	26.892
30.0	15.466	36.291	26.881
40.0	15.410	36.307	26.906
50.0	15.392	36.332	26.930
60.0	15.265	36.443	27.044
70.0	14.923	36.674	27.299
80.0	14.677	36.880	27.512
90.0	14.422	37.094	27.733
100.0	14.183	37.289	27.936
120.0	13.546	37.827	28.489
140.0	13.449	37.928	28.589
160.0	13.190	38.194	28.850
180.0	13.101	38.270	28.928
200.0	13.084	38.296	28.952
300.0	12.949	38.424	29.082

STATION WYY012 : 35 54.0 N 5 37.0 W 11/ 4/86 1740Z 527/ 532m

Day: 101.72 SST: 15.5 Tdry: 15.1 RH: 68.0 Wspd: 18.0 CTD #: 5  
 2 6.16 2 (TARIFA): 15 APRkm E and N of Tarifa: 1.2km -11.2km  
 WYY012 DISC GBY030 TAPE GBY20-B

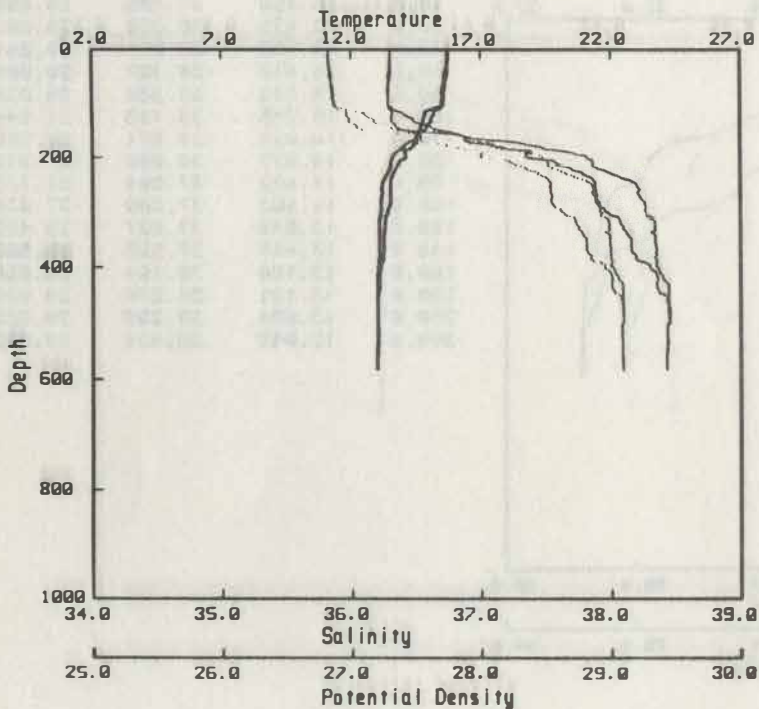


PR	TE	SA	SGTH
2.0	15.450	36.346	26.925
10.0	15.484	36.330	26.906
20.0	15.470	36.327	26.907
30.0	15.476	36.323	26.903
40.0	15.484	36.321	26.900
50.0	15.490	36.317	26.896
60.0	15.496	36.313	26.892
70.0	15.487	36.311	26.893
80.0	15.389	36.359	26.952
90.0	14.841	36.761	27.384
100.0	14.511	37.022	27.659
120.0	14.433	37.083	27.724
140.0	14.242	37.232	27.881
160.0	14.167	37.300	27.950
180.0	14.052	37.416	28.065
200.0	14.047	37.429	28.077
300.0	13.261	38.143	28.800
400.0	12.961	38.423	29.082
500.0	12.969	38.423	29.083

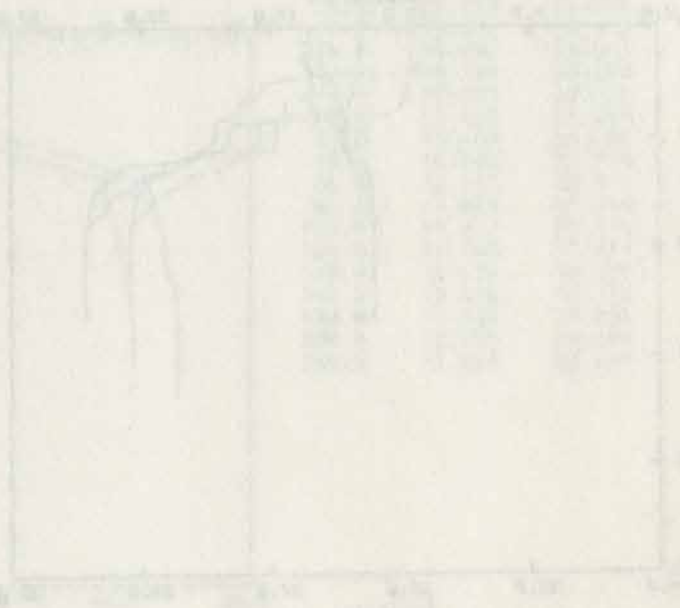
STATION WYY013 : 35 54.7 N 5 38.7 W 11/ 4/86 1846Z 581/ 593m

Day: 101.77 SST: 15.7 Tdry: 14.8 RH: 71.7 Wspd: 18.0 CTD #: 5  
 222 7.48 1 (MALABATA): 15 APkm E and N of Tarifa: -1.4km -9.8km  
 WYY013 TAPE=GBY21A DISK=GBY030

PR	TE	SA	SGTH
10.0	15.752	36.304	26.825
20.0	15.747	36.303	26.825
30.0	15.710	36.301	26.833
40.0	15.636	36.293	26.844
50.0	15.613	36.291	26.848
60.0	15.612	36.291	26.848
70.0	15.621	36.291	26.847
80.0	15.593	36.292	26.854
90.0	15.585	36.291	26.856
100.0	15.549	36.290	26.863
120.0	14.876	36.416	27.112
140.0	14.708	36.599	27.291
160.0	14.553	36.868	27.533
180.0	14.325	37.174	27.819
200.0	14.098	37.356	28.010
300.0	13.405	37.980	28.643
400.0	13.127	38.300	28.952
500.0	13.020	38.433	29.081

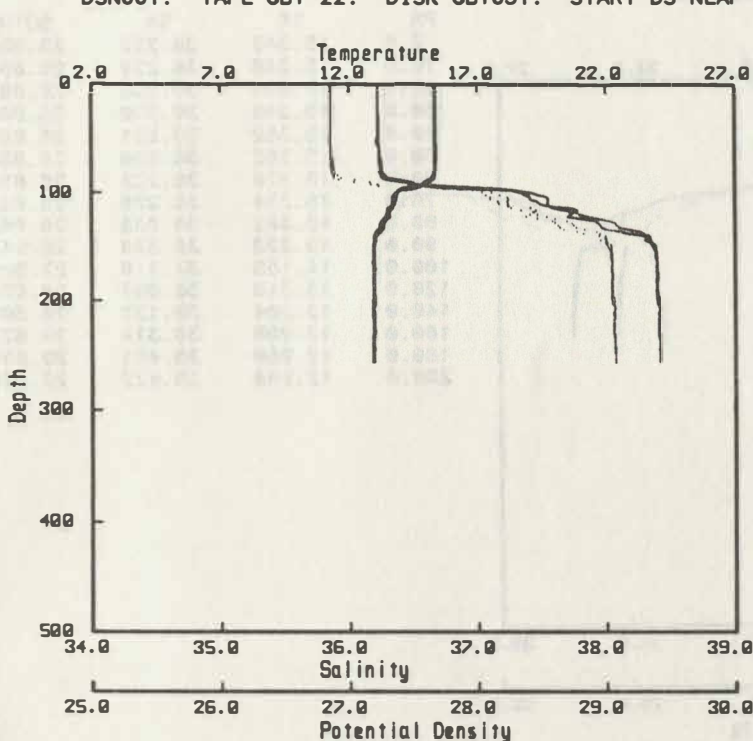


PR	TE	SA	SGTH
10.0	15.752	36.304	26.825
20.0	15.747	36.303	26.825
30.0	15.710	36.301	26.833
40.0	15.636	36.293	26.844
50.0	15.613	36.291	26.848
60.0	15.612	36.291	26.848
70.0	15.621	36.291	26.847
80.0	15.593	36.292	26.854
90.0	15.585	36.291	26.856
100.0	15.549	36.290	26.863
120.0	14.876	36.416	27.112
140.0	14.708	36.599	27.291
160.0	14.553	36.868	27.533
180.0	14.325	37.174	27.819
200.0	14.098	37.356	28.010
300.0	13.405	37.980	28.643
400.0	13.127	38.300	28.952
500.0	13.020	38.433	29.081



STATION DSN001 : 35 53.8 N 5 44.3 W 16/ 4/86 533Z 255/ 267m

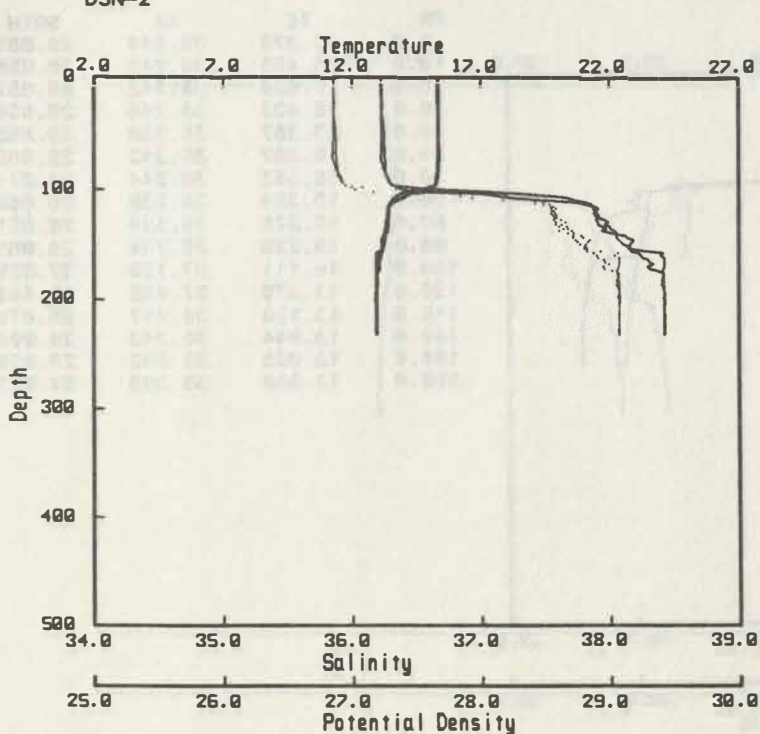
Day: 106.22 SST: 14.7 Tdry: 13.1 RH: 80.1 Wspd: 8.0 CTD #: 5  
 186 4.72 1 (MALABATA) 19 JUKm E and N of Tarifa: -9.7km -11.4km  
 DSN001. TAPE GBY-22. DISK GBY031. START DS NEAP YO-YO.



PR	TE	SA	SGTH
30.0	15.362	36.226	26.854
40.0	15.363	36.227	26.855
50.0	15.370	36.221	26.849
60.0	15.377	36.237	26.860
70.0	15.376	36.237	26.861
80.0	15.365	36.242	26.867
90.0	15.107	36.397	27.045
100.0	13.837	37.421	28.113
120.0	13.563	37.730	28.411
140.0	13.056	38.291	28.952
160.0	12.987	38.396	29.049
180.0	12.989	38.401	29.053
200.0	12.969	38.413	29.067

STATION DSN002 : 35 53.9 N 5 44.3 W 16/ 4/86 553Z 232/ 247m

Day: 106.23 SST: 14.7 Tdry: 13.1 RH: 80.1 Wspd: 8.0 CTD #: 5  
 186 4.80 1 (MALABATA) 19 JKm E and N of Tarifa: -9.7km -11.3km  
 DSN-2

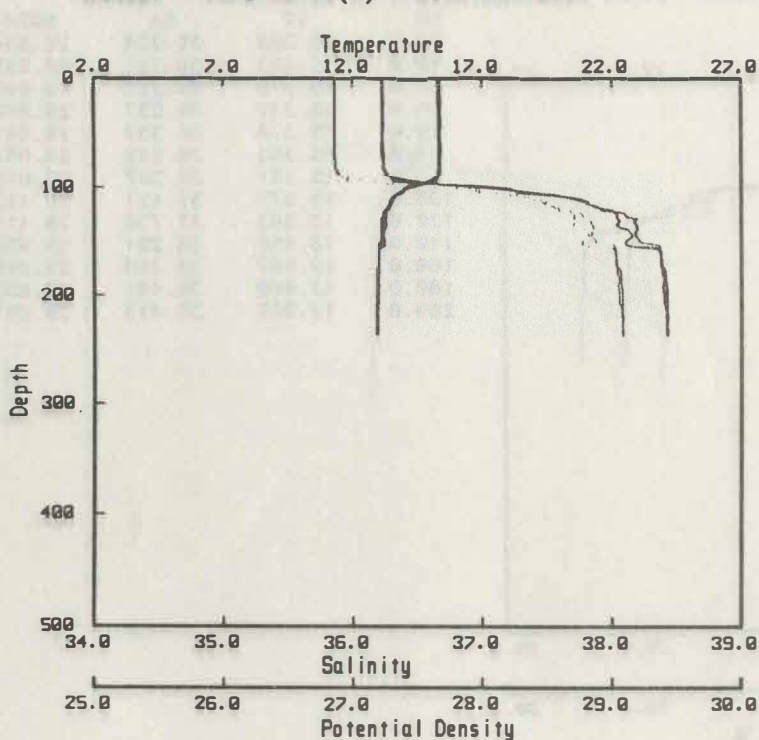


PR	TE	SA	SGTH
2.0	15.344	36.222	26.854
10.0	15.342	36.225	26.857
20.0	15.344	36.228	26.859
30.0	15.354	36.230	26.859
40.0	15.363	36.231	26.858
50.0	15.365	36.231	26.858
60.0	15.373	36.228	26.854
70.0	15.379	36.225	26.851
80.0	15.352	36.245	26.873
90.0	15.280	36.286	26.921
100.0	14.711	36.669	27.343
120.0	13.418	37.884	28.560
140.0	13.274	38.057	28.725
160.0	13.112	38.241	28.902
180.0	12.966	38.410	29.064
200.0	12.954	38.417	29.073



STATION DSN003 : 35 54.0 N 5 44.2 W 16/ 4/86 609Z 235/ 246m

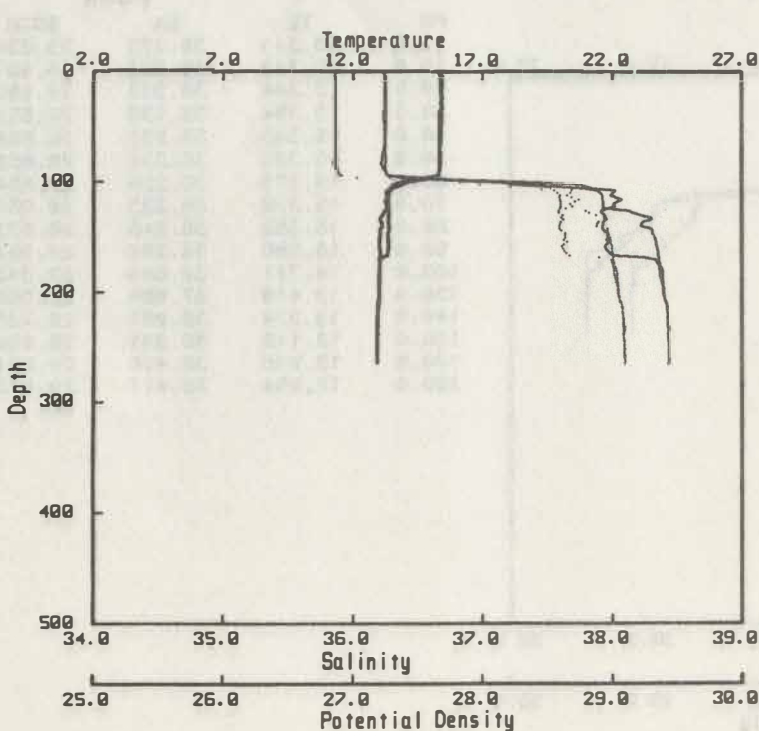
Day : 106.25 SST: 14.7 Tdry : 13.1 RH: 80.1 Wspd: 8.0 CTD #: 5  
 186 4.90 1 (MALABATA) 19 JUKm E and N of Tarifa: -9.7km -11.1km  
 DSN003. TAPE GBY22(A). DISK GBY 031.



PR	TE	SA	SGTH
2.0	15.342	36.227	26.858
10.0	15.348	36.229	26.859
20.0	15.344	36.230	26.861
30.0	15.349	36.230	26.860
40.0	15.352	36.231	26.860
50.0	15.362	36.230	26.858
60.0	15.376	36.226	26.852
70.0	15.374	36.226	26.853
80.0	15.362	36.235	26.863
90.0	15.223	36.326	26.964
100.0	14.155	37.116	27.809
120.0	13.313	38.007	28.678
140.0	13.204	38.137	28.802
160.0	13.008	38.374	29.027
180.0	12.960	38.411	29.066
200.0	12.948	38.422	29.078

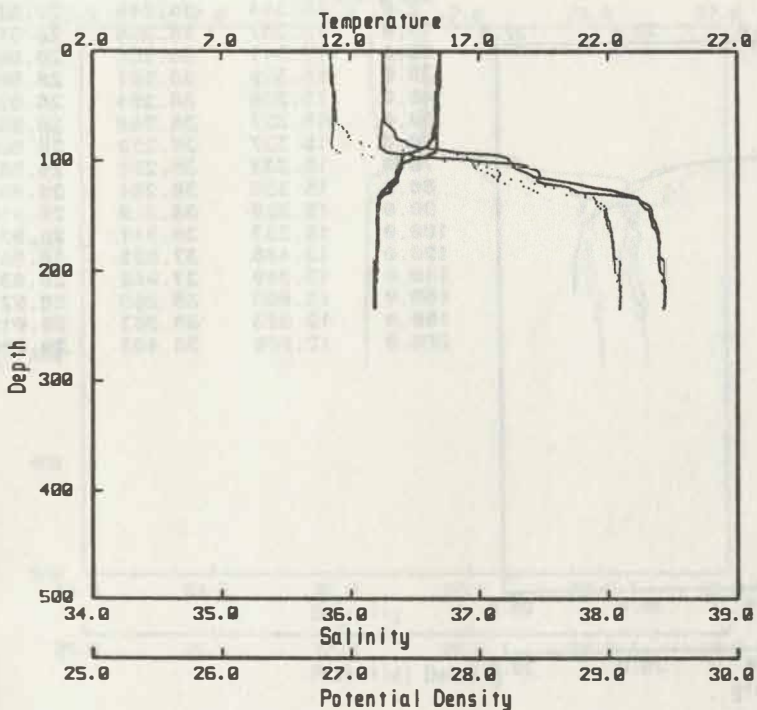
STATION DSN004 : 35 54.1 N 5 44.1 W 16/ 4/86 628Z 263/ 271m

Day : 106.26 SST: 15.0 Tdry : 12.3 RH: 82.3 Wspd: 8.0 CTD #: 5  
 187 5.04 1 (MALABATA) 19 JKm E and N of Tarifa: -9.5km -10.9km  
 DSN-4



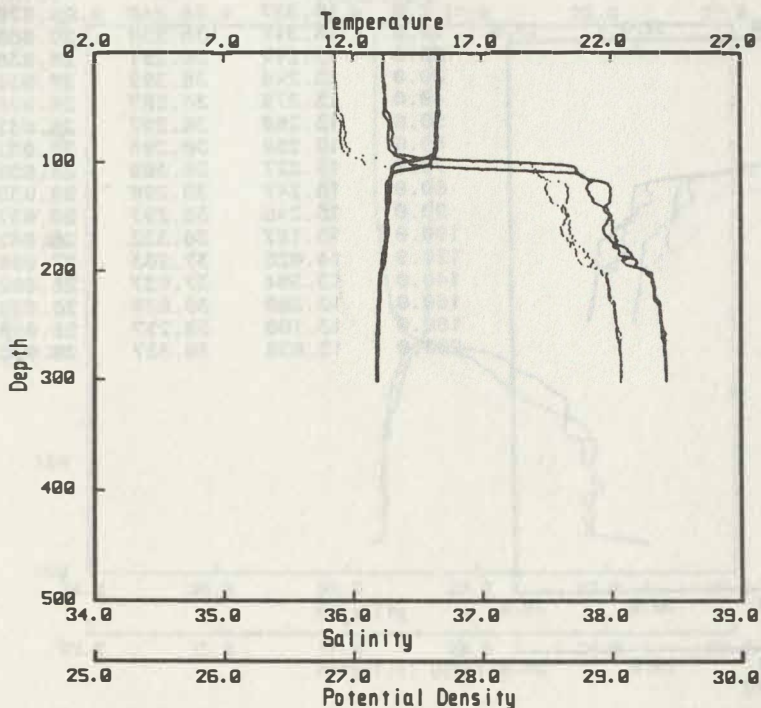
PR	TE	SA	SGTH
2.0	15.373	36.240	26.861
10.0	15.405	36.245	26.858
20.0	15.424	36.248	26.857
30.0	15.423	36.246	26.856
40.0	15.357	36.238	26.865
50.0	15.357	36.243	26.869
60.0	15.353	36.244	26.871
70.0	15.359	36.239	26.866
80.0	15.375	36.224	26.851
90.0	15.329	36.254	26.885
100.0	14.111	37.130	27.829
120.0	13.379	37.928	28.603
140.0	13.130	38.217	28.879
160.0	13.044	38.343	28.996
180.0	13.025	38.382	29.030
200.0	13.000	38.388	29.041

STATION DSN005 : 35 54.3 N 5 43.7 W 16/ 4/86 647Z 233/ 242m

Day : 106.27 SST: 15.0 Tdry : 12.3 RH: 82.3 Wspd: 8.0 CTD # : 5  
190 5.26 1 (MALABATA) 19 JKm E and N of Tarifa: -8.9km -10.5km  
DSN-5

PR	TE	SA	SGTH
2.0	15.476	36.256	26.850
10.0	15.470	36.256	26.852
20.0	15.387	36.253	26.869
30.0	15.387	36.256	26.871
40.0	15.396	36.256	26.870
50.0	15.404	36.255	26.868
60.0	15.394	36.253	26.869
70.0	15.362	36.242	26.868
80.0	15.370	36.230	26.857
90.0	15.320	36.261	26.892
100.0	14.206	37.027	27.729
120.0	13.754	37.507	28.198
140.0	13.094	38.258	28.919
160.0	13.049	38.344	28.995
180.0	13.030	38.386	29.032
200.0	12.994	38.398	29.050

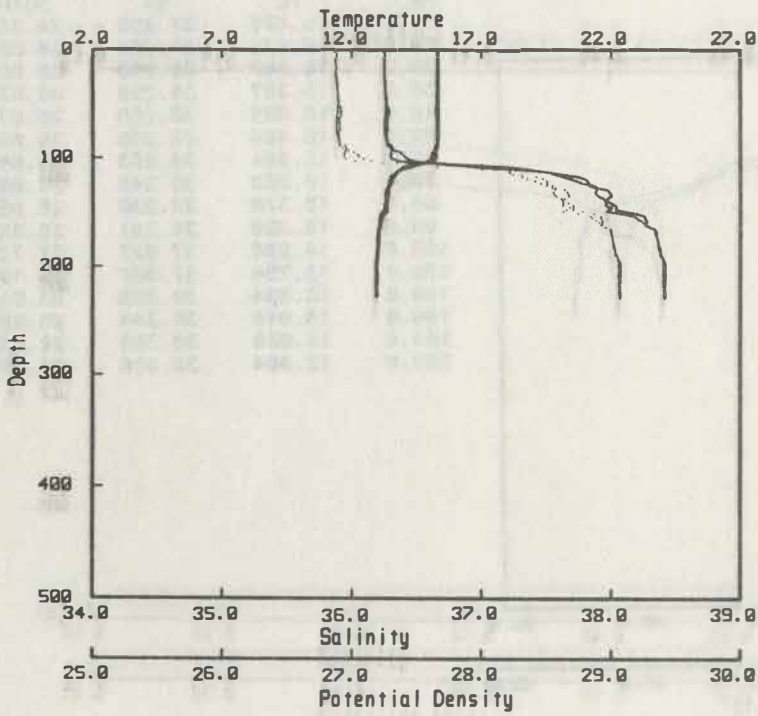
STATION DSN006 : 35 54.1 N 5 43.8 W 16/ 4/86 715Z 300/ 275m

Day : 106.30 SST: 15.4 Tdry : 12.5 RH: 82.6 Wspd: 10.0 CTD # : 5  
190 5.00 1 (MALABATA) 19 JKm E and N of Tarifa: -9.0km -11.0km  
DSN-6

PR	TE	SA	SGTH
30.0	15.346	36.247	26.874
40.0	15.338	36.255	26.882
50.0	15.341	36.252	26.879
60.0	15.320	36.265	26.894
70.0	15.294	36.283	26.915
80.0	15.299	36.279	26.911
90.0	15.253	36.298	26.936
100.0	14.016	37.242	27.936
120.0	13.333	37.981	28.653
140.0	13.357	37.958	28.631
160.0	13.311	38.014	28.685
180.0	13.277	38.058	28.727
200.0	13.101	38.271	28.929
300.0	12.963	38.420	29.076

STATION DSN007 : 35 54.1 N 5 43.7 W 16/ 4/86 736Z 228/ 238m

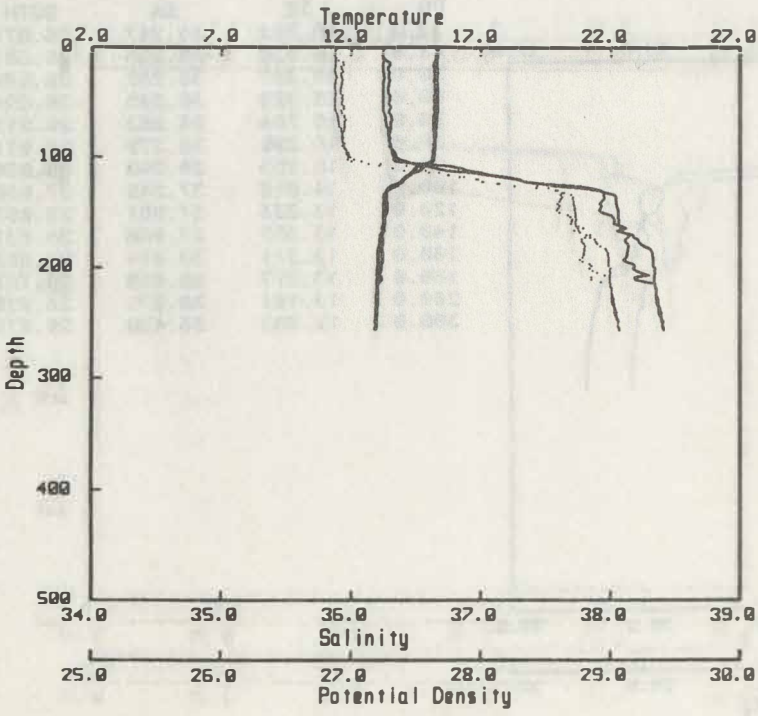
Day : 106.31 SST: 15.4 Tdry : 12.5 RH: 82.6 Wspd: 12.0 CTD # : 5  
 191 5.00 1 (MALABATA) 19 JKm E and N of Tarifa: -8.9km -11.0km  
 DSN-7



PR	TE	SA	SGTH
2.0	15.344	36.249	26.875
10.0	15.337	36.254	26.880
20.0	15.341	36.254	26.880
30.0	15.329	36.262	26.889
40.0	15.328	36.264	26.891
50.0	15.327	36.266	26.893
60.0	15.337	36.259	26.886
70.0	15.338	36.256	26.884
80.0	15.326	36.264	26.893
90.0	15.229	36.319	26.958
100.0	15.233	36.311	26.951
120.0	13.466	37.825	28.505
140.0	13.349	37.960	28.634
160.0	13.098	38.269	28.927
180.0	13.023	38.363	29.016
200.0	12.969	38.403	29.059

STATION DSN008 : 35 54.0 N 5 43.8 W 16/ 4/86 751Z 259/ 266m

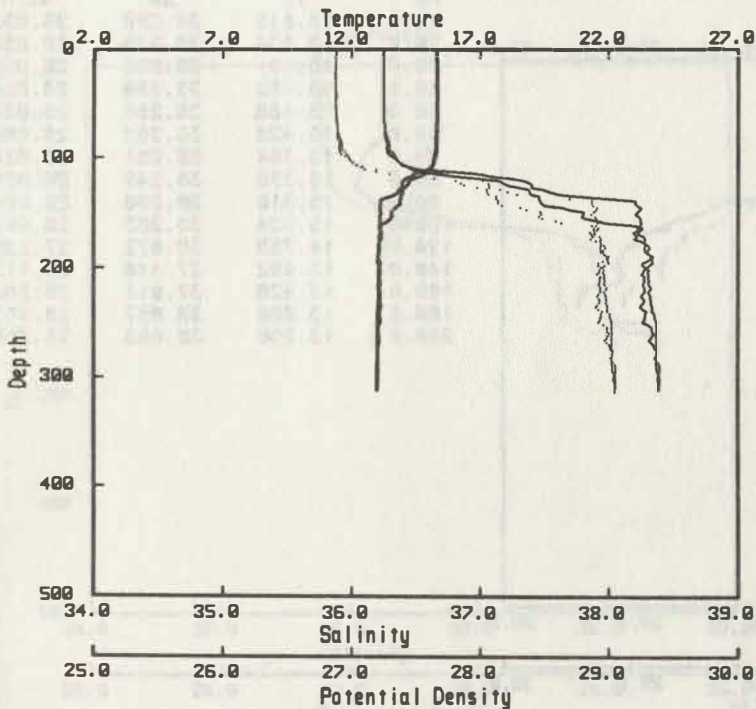
Day : 106.31 SST: 15.4 Tdry : 12.5 RH: 82.6 Wspd: 10.0 CTD # : 5  
 190 4.90 1 (MALABATA) 16 MKm E and N of Tarifa: -9.0km -11.2km  
 DSN-8



PR	TE	SA	SGTH
2.0	15.327	36.248	26.878
10.0	15.311	36.256	26.888
20.0	15.247	36.291	26.930
30.0	15.246	36.302	26.939
40.0	15.279	36.287	26.920
50.0	15.260	36.297	26.932
60.0	15.259	36.296	26.932
70.0	15.227	36.309	26.950
80.0	15.247	36.296	26.935
90.0	15.245	36.297	26.937
100.0	15.167	36.332	26.982
120.0	14.028	37.283	27.966
140.0	13.384	37.927	28.602
160.0	13.300	38.020	28.692
180.0	13.100	38.257	28.918
200.0	13.039	38.337	28.993

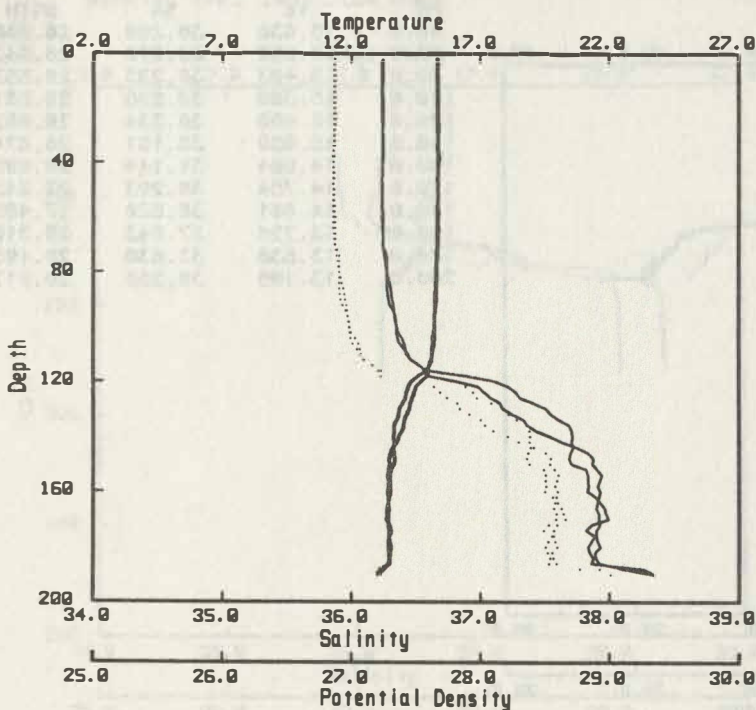


STATION DSN009 : 35 53.9 N 5 43.9 W 16/ 4/86 806Z 312/ 319m

Day: 106.34 SST: 15.4 Tdry: 12.5 RH: 82.6 Wspd: 10.0 CTD #: 5  
190 4.80 1 (MALABATA) 16 AKm E and N of Tarif a: -9.1km -11.4km  
DSN-9

PR	TE	SA	SGTH
10.0	15.324	36.249	26.880
20.0	15.331	36.245	26.875
30.0	15.330	36.247	26.877
40.0	15.332	36.248	26.878
50.0	15.334	36.247	26.877
60.0	15.332	36.252	26.882
70.0	15.323	36.260	26.890
80.0	15.321	36.263	26.893
90.0	15.304	36.276	26.908
100.0	15.218	36.345	26.980
120.0	14.257	37.152	27.815
140.0	13.894	37.476	28.144
160.0	13.143	38.203	28.866
180.0	13.083	38.269	28.931
200.0	13.056	38.302	28.963
300.0	13.001	38.373	29.032

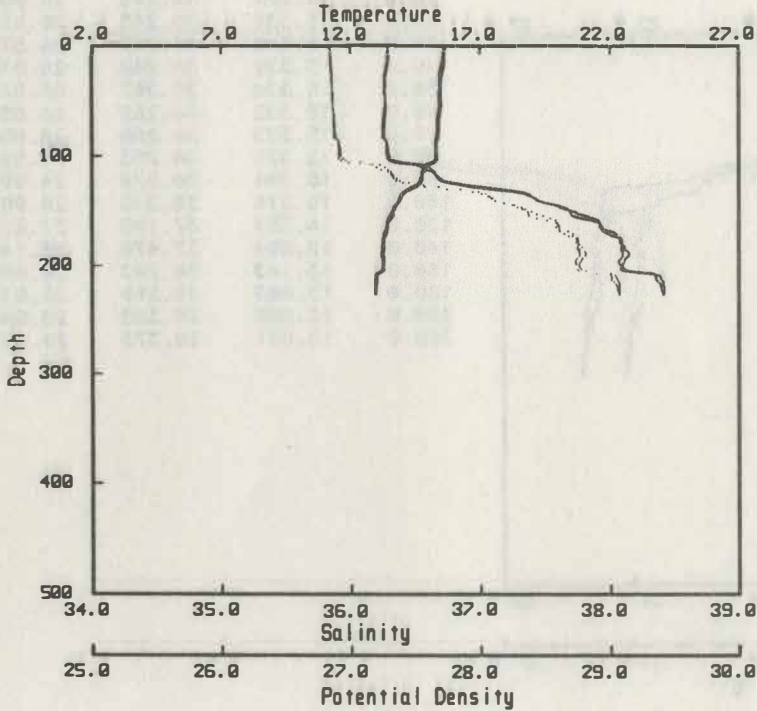
STATION DSN010 : 35 53.8 N 5 43.5 W 16/ 4/86 824Z 190/ 200m

Day: 106.34 SST: 15.4 Tdry: 12.5 RH: 82.6 Wspd: 10.0 CTD #: 5  
193 4.82 1 (MALABATA) 16 AKm E and N of Tarif a: -8.6km -11.4km  
DSN-10

PR	TE	SA	SGTH
2.0	15.325	36.243	26.874
10.0	15.328	36.243	26.874
20.0	15.330	36.243	26.874
30.0	15.351	36.244	26.870
40.0	15.382	36.240	26.861
50.0	15.360	36.237	26.864
60.0	15.372	36.238	26.862
70.0	15.346	36.242	26.871
80.0	15.303	36.275	26.907
90.0	15.288	36.284	26.917
100.0	15.210	36.349	26.985
120.0	14.304	37.107	27.770
140.0	13.626	37.713	28.385
160.0	13.506	37.829	28.501
180.0	13.508	37.833	28.504

STATION DSN011 : 35 54.0 N 5 43.7 W 16/ 4/86 852Z 225/ 235m

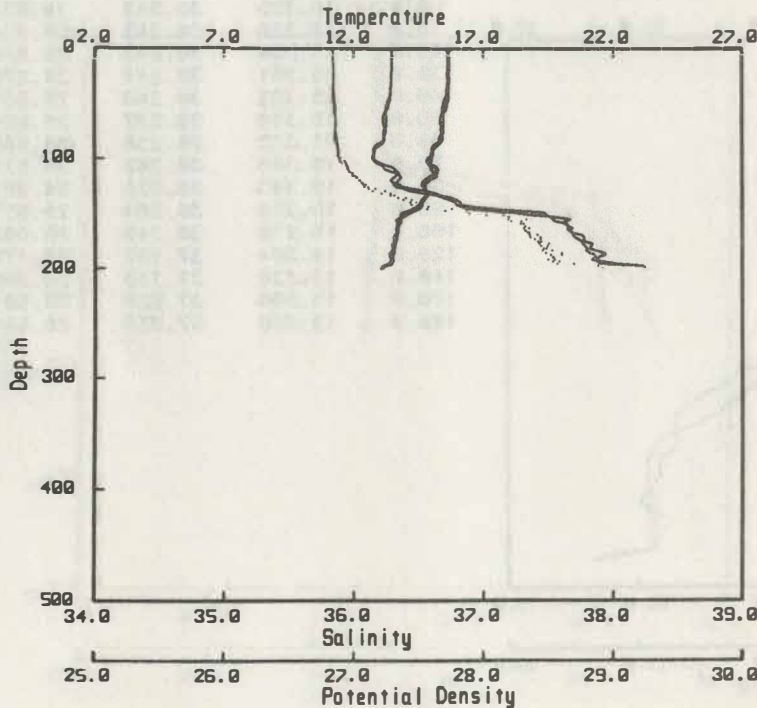
Day: 106.35 SST: 15.4 Tdry: 12.7 RH: 83.3 Wspd: 8.0 CTD #: 5  
 191 4.98 1 (MALABATA) 16 AKm E and N of Tarifa: -8.9km -11.1km  
 DSN011 AFTER REP OS



P R	TE	SA	SGTH
10.0	15.615	36.299	26.852
20.0	15.534	36.279	26.856
30.0	15.491	36.265	26.855
40.0	15.482	36.266	26.858
50.0	15.488	36.268	26.859
60.0	15.428	36.262	26.868
70.0	15.384	36.251	26.870
80.0	15.375	36.249	26.870
90.0	15.310	36.280	26.909
100.0	15.324	36.283	26.909
120.0	14.758	36.672	27.335
140.0	13.902	37.440	28.115
160.0	13.428	37.911	28.580
180.0	13.259	38.087	28.753
200.0	13.258	38.093	28.758

STATION DSN012 : 35 53.8 N 5 43.6 W 16/ 4/86 1048Z 203/ 210m

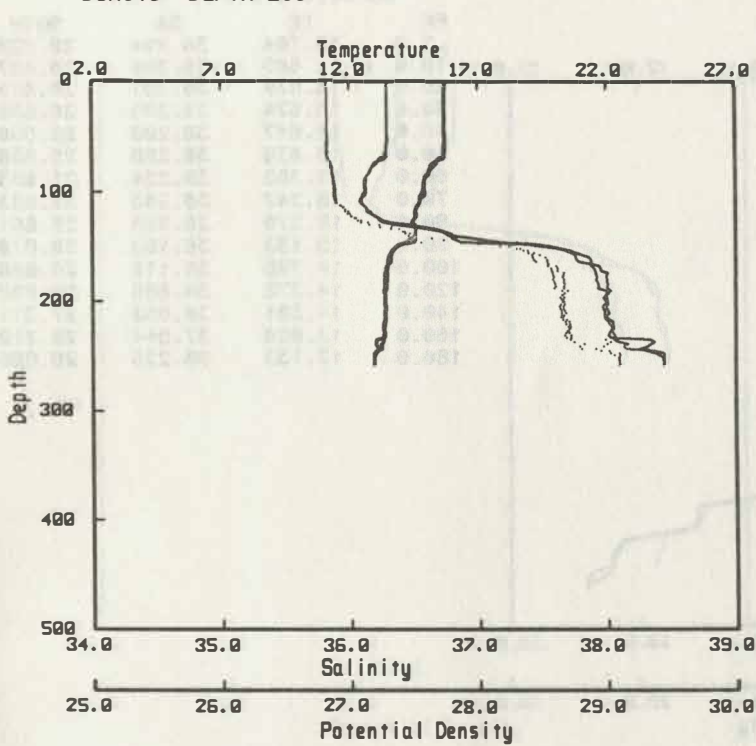
Day: 106.44 SST: 15.6 Tdry: 14.2 RH: 81.0 Wspd: 14.0 CTD #: 5  
 193 4.80 1 (MALABATA) 19 JUKm E and N of Tarifa: -8.6km -11.4km  
 DSN012 FIRST AFTER BOAT TRANSFER



P R	TE	SA	SGTH
40.0	15.638	36.288	26.840
50.0	15.585	36.275	26.842
60.0	15.403	36.235	26.853
70.0	15.380	36.238	26.861
80.0	15.406	36.234	26.852
90.0	15.059	36.161	26.874
100.0	14.904	36.144	26.895
120.0	14.754	36.292	27.043
140.0	14.601	36.820	27.485
160.0	13.726	37.643	28.310
180.0	13.538	37.830	28.495
200.0	13.105	38.256	28.917

STATION DSN013 : 35 54.3 N 5 43.1 W 16/ 4/86 1105Z 258/ 268m

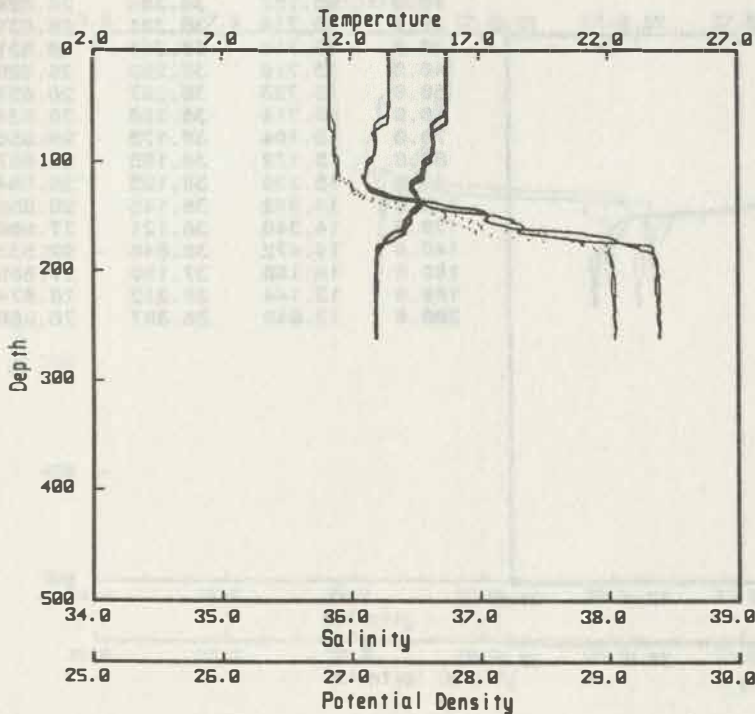
Day: 106.46 SST: 15.6 Tdry: 14.2 RH: 81.0 Wspd: 14.0 CTD #: 5  
 196 5.34 1 (MALABATA) 19 JKm E and N of Tarifa: -7.9km -10.6km  
 DSN013 DEPTH=260



PR	TE	SA	SGTH
40.0	15.705	36.295	26.830
50.0	15.716	36.295	26.827
60.0	15.716	36.289	26.823
70.0	15.439	36.226	26.838
80.0	15.109	36.159	26.861
90.0	14.896	36.115	26.874
100.0	14.911	36.125	26.879
120.0	14.571	36.166	26.986
140.0	14.563	36.774	27.457
160.0	13.598	37.760	28.428
180.0	13.354	38.002	28.667
200.0	13.356	38.004	28.669

STATION DSN014 : 35 54.0 N 5 43.5 W 16/ 4/86 1145Z 262/ 267m

Day: 106.48 SST: 15.6 Tdry: 15.2 RH: 78.3 Wspd: 14.0 CTD #: 5  
 193 4.96 1 (MALABATA) 19 JKm E and N of Tarifa: -8.6km -11.2km  
 DSN014 TAPE 24A DISK 35

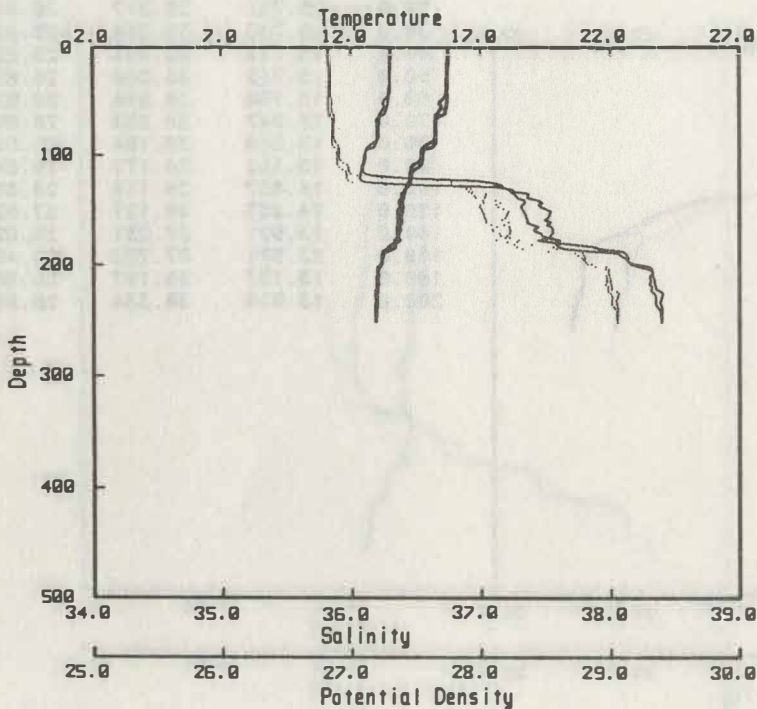


PR	TE	SA	SGTH
2.0	15.712	36.305	26.834
10.0	15.697	36.305	26.838
20.0	15.700	36.304	26.837
30.0	15.702	36.301	26.835
40.0	15.703	36.300	26.834
50.0	15.700	36.296	26.832
60.0	15.708	36.293	26.828
70.0	15.403	36.222	26.843
80.0	15.172	36.189	26.870
90.0	15.178	36.189	26.869
100.0	15.086	36.171	26.876
120.0	14.488	36.112	26.962
140.0	14.750	36.580	27.267
160.0	14.027	37.344	28.014
180.0	13.004	38.350	29.010
200.0	12.982	38.374	29.034



STATION DSN019 : 35 53.9 N 5 43.7 W 16/ 4/86 1320Z 249/ 259m

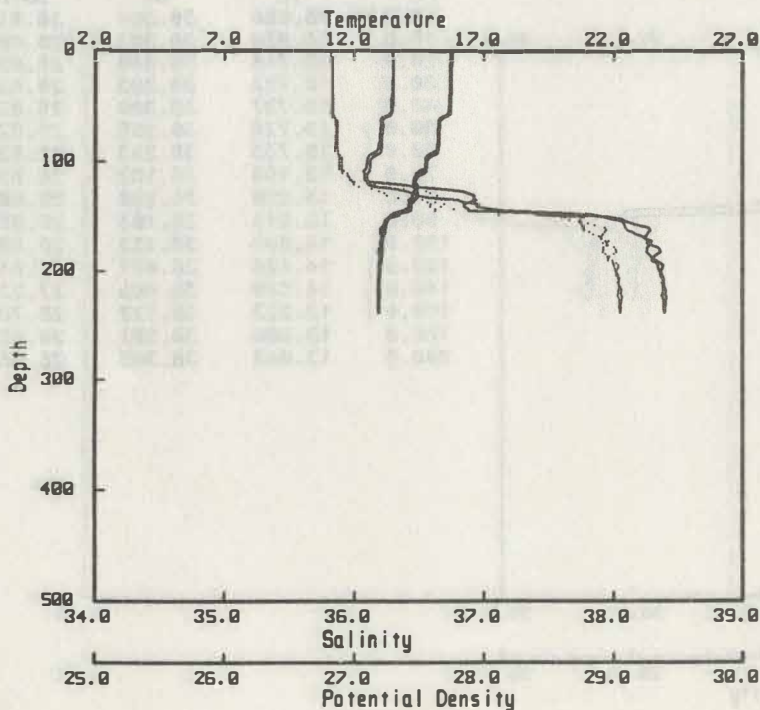
Day: 106.55 SST: 15.8 Tdry: 15.1 RH: 77.5 Wspd: 16.0 CTD #: 5  
 191 4.90 1 (MALABATA) 19 JKm E and N of Tarifa: -8.9km -11.2km  
 DSN019



PR	TE	SA	SGTH
2.0	15.765	36.313	26.828
10.0	15.772	36.312	26.826
20.0	15.721	36.308	26.835
30.0	15.722	36.303	26.832
40.0	15.713	36.297	26.829
50.0	15.716	36.291	26.824
60.0	15.640	36.268	26.824
70.0	15.260	36.199	26.857
80.0	15.289	36.203	26.854
90.0	15.212	36.187	26.860
100.0	14.762	36.104	26.896
120.0	14.322	36.072	26.967
140.0	13.891	37.435	28.113
160.0	13.802	37.535	28.210
180.0	13.610	37.711	28.388
200.0	13.048	38.296	28.960

STATION DSN020 : 35 54.1 N 5 43.5 W 16/ 4/86 1341Z 239/ 251m

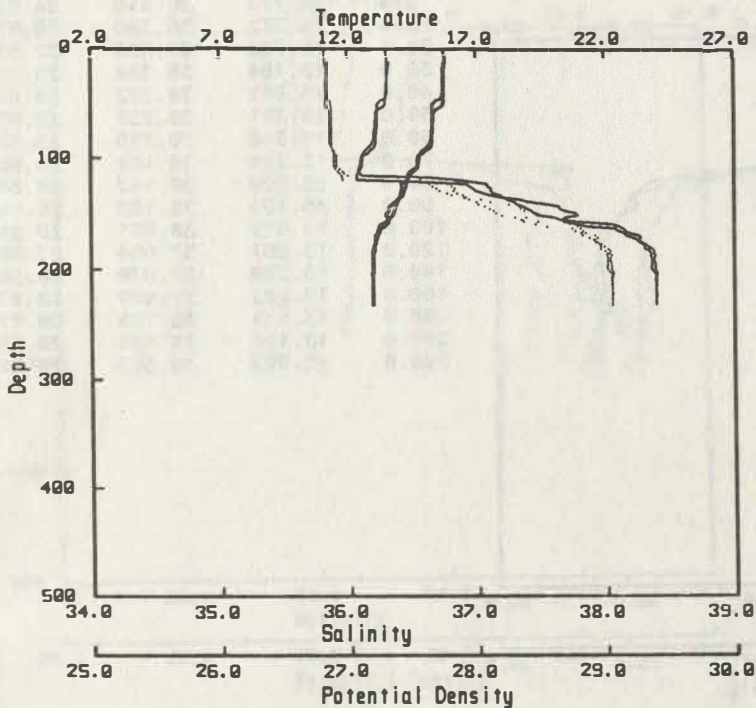
Day: 106.56 SST: 15.8 Tdry: 15.1 RH: 77.5 Wspd: 16.0 CTD #: 5  
 193 5.04 1 (MALABATA) 19 JKm E and N of Tarifa: -8.5km -11.0km  
 DSN020



PR	TE	SA	SGTH
10.0	15.749	36.302	26.824
20.0	15.731	36.303	26.829
30.0	15.718	36.300	26.830
40.0	15.706	36.294	26.829
50.0	15.705	36.289	26.825
60.0	15.349	36.211	26.846
70.0	15.269	36.206	26.861
80.0	15.260	36.199	26.858
90.0	15.195	36.177	26.856
100.0	14.797	36.103	26.887
120.0	14.439	36.357	27.162
140.0	14.203	36.846	27.591
160.0	13.063	38.268	28.934
180.0	12.987	38.355	29.017
200.0	12.993	38.352	29.014

STATION DSN021 : 35 54.0 N 5 43.7 W 16/ 4/86 1356Z 232/ 239m

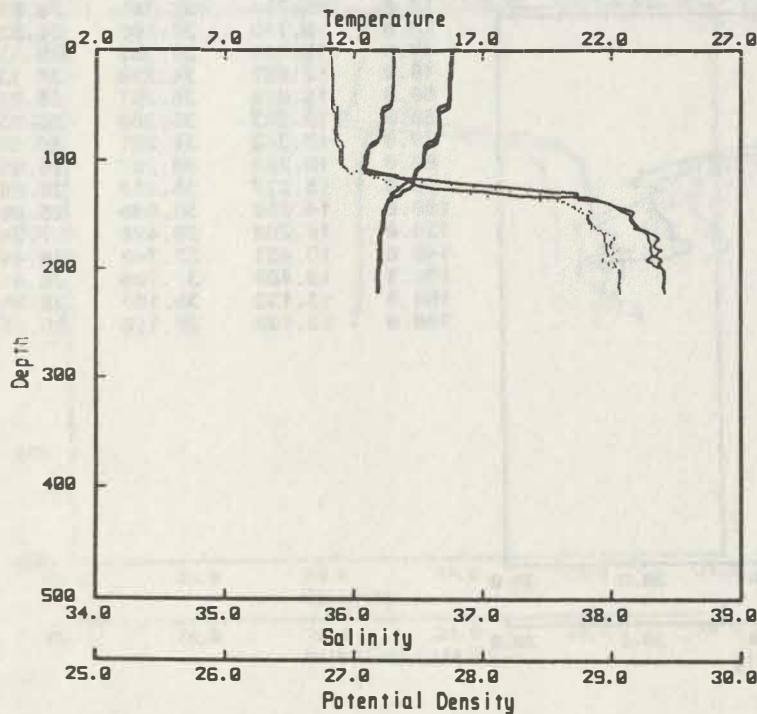
Day: 106.56 SST: 15.8 Tdry: 15.2 RH: 78.7 Wspd: 16.0 CTD #: 5  
 191 4.94 1 (MALABATA) 19 JKm E and N of Tarifa: -8.9km -11.1km  
 DSN021



PR	TE	SA	SGTH
20.0	15.709	36.311	26.840
30.0	15.723	36.302	26.831
40.0	15.722	36.297	26.827
50.0	15.700	36.288	26.826
60.0	15.320	36.217	26.858
70.0	15.298	36.210	26.857
80.0	15.270	36.201	26.857
90.0	15.083	36.165	26.872
100.0	14.764	36.104	26.895
120.0	14.337	36.070	26.963
140.0	13.813	37.409	28.110
160.0	13.482	37.772	28.461
180.0	13.034	38.302	28.966
200.0	12.987	38.357	29.019

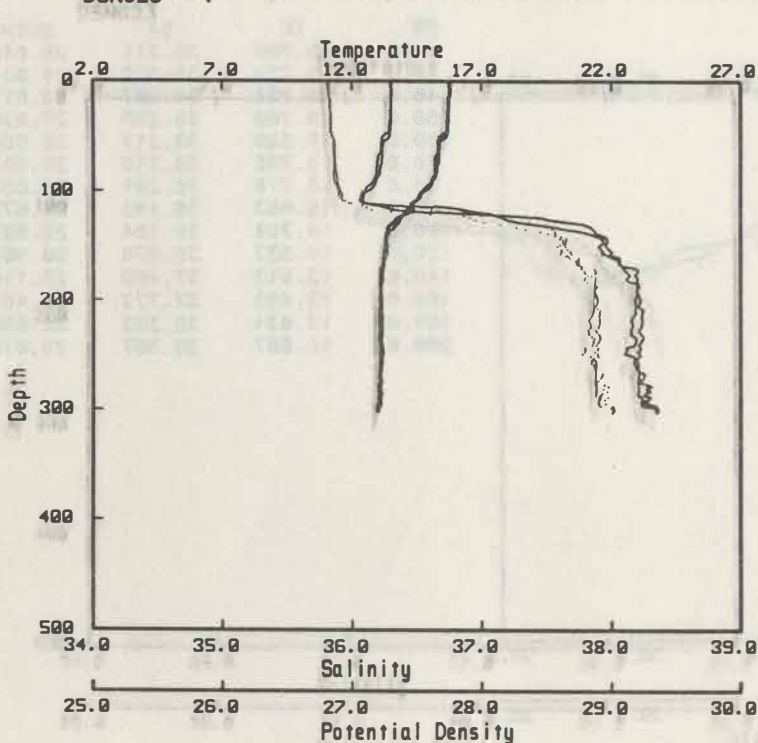
STATION DSN022 : 35 54.0 N 5 43.5 W 16/ 4/86 1416Z 222/ 229m

Day: 106.59 SST: 15.8 Tdry: 15.2 RH: 78.7 Wspd: 16.0 CTD #: 5  
 193 5.00 1 (MALABATA) 19 JKm E and N of Tarifa: -8.5km -11.1km  
 DSN022 TAPE 25A DISC 37



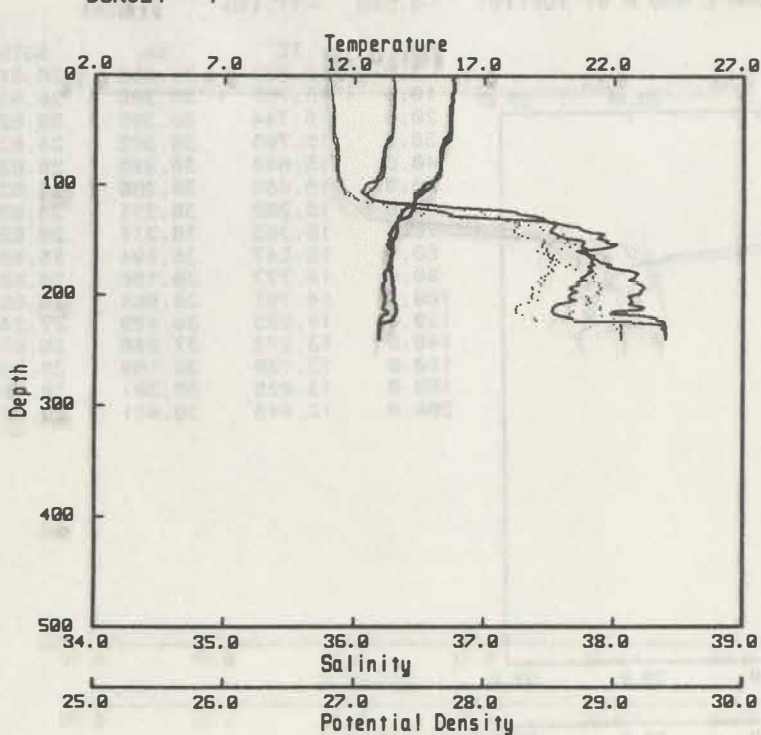
PR	TE	SA	SGTH
2.0	15.803	36.300	26.810
10.0	15.767	36.309	26.825
20.0	15.744	36.306	26.828
30.0	15.705	36.302	26.835
40.0	15.698	36.295	26.831
50.0	15.686	36.288	26.829
60.0	15.289	36.211	26.860
70.0	15.303	36.211	26.857
80.0	15.247	36.194	26.857
90.0	14.777	36.106	26.894
100.0	14.701	36.084	26.894
120.0	14.295	36.429	27.249
140.0	13.272	37.988	28.672
160.0	13.120	38.180	28.853
180.0	13.025	38.301	28.968
200.0	12.946	38.401	29.062

STATION DSN023 : 35 53.9 N 5 43.6 W 16/ 4/86 1435Z 301/ 306m

Day : 106.60 SST: 15.8 Tdry: 15.2 RH: 78.7 Wspd: 16.0 CTD #: 5  
192 4.82 1 (MALABATA) 19 JKm E and N of Tarifa: -8.8km -11.4km  
DSN023

PR	TE	SA	SGTH
2.0	15.773	36.310	26.824
10.0	15.771	36.308	26.823
20.0	15.738	36.305	26.829
30.0	15.704	36.299	26.833
40.0	15.681	36.292	26.833
50.0	15.391	36.236	26.856
60.0	15.346	36.225	26.858
70.0	15.224	36.199	26.866
80.0	15.226	36.193	26.861
90.0	15.134	36.168	26.863
100.0	14.672	36.081	26.898
120.0	13.957	37.054	27.804
140.0	13.360	37.870	28.562
160.0	13.282	37.999	28.679
180.0	13.111	38.199	28.871
200.0	13.128	38.184	28.856
300.0	12.993	38.363	29.026

STATION DSN024 : 35 53.8 N 5 43.6 W 19/ 4/86 1455Z 240/ 252m

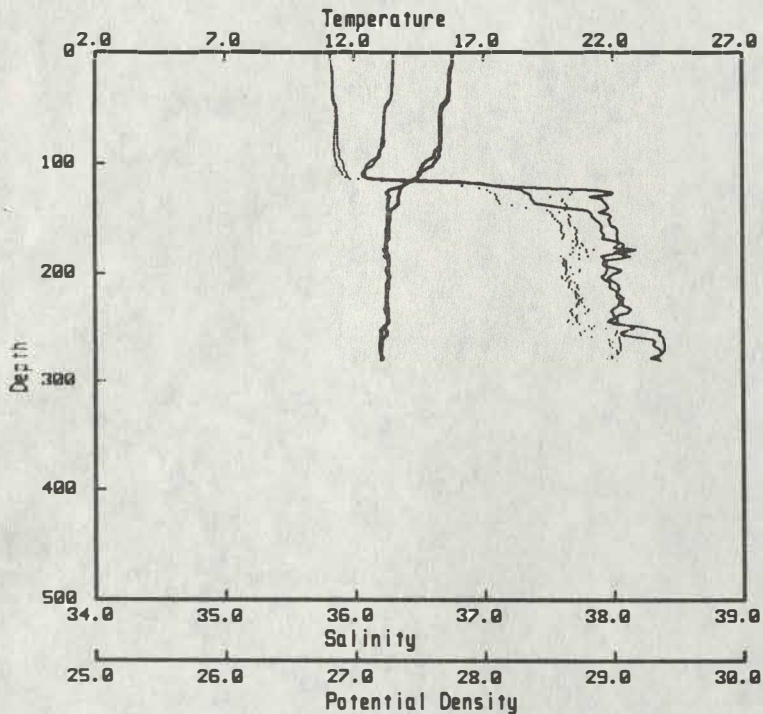
Day : 109.61 SST: 15.9 Tdry: 15.9 RH: 75.3 Wspd: 12.0 CTD #: 5  
193 4.76 1 (MALABATA) 19 JKm E and N of Tarifa: -8.6km -11.5km  
DSN024

PR	TE	SA	SGTH
2.0	15.813	36.296	26.804
10.0	15.794	36.306	26.817
20.0	15.742	36.305	26.828
30.0	15.698	36.302	26.836
40.0	15.687	36.298	26.836
50.0	15.676	36.291	26.834
60.0	15.593	36.268	26.835
70.0	15.342	36.221	26.856
80.0	15.282	36.207	26.859
90.0	15.227	36.193	26.861
100.0	14.659	36.080	26.900
120.0	14.286	36.426	27.248
140.0	13.451	37.748	28.449
160.0	13.480	37.708	28.412
180.0	13.132	38.182	28.853
200.0	13.192	38.110	28.785



STATION DSN025 : 35 53.8 N 5 43.7 W 16/ 4/86 1510Z 280/ 292m

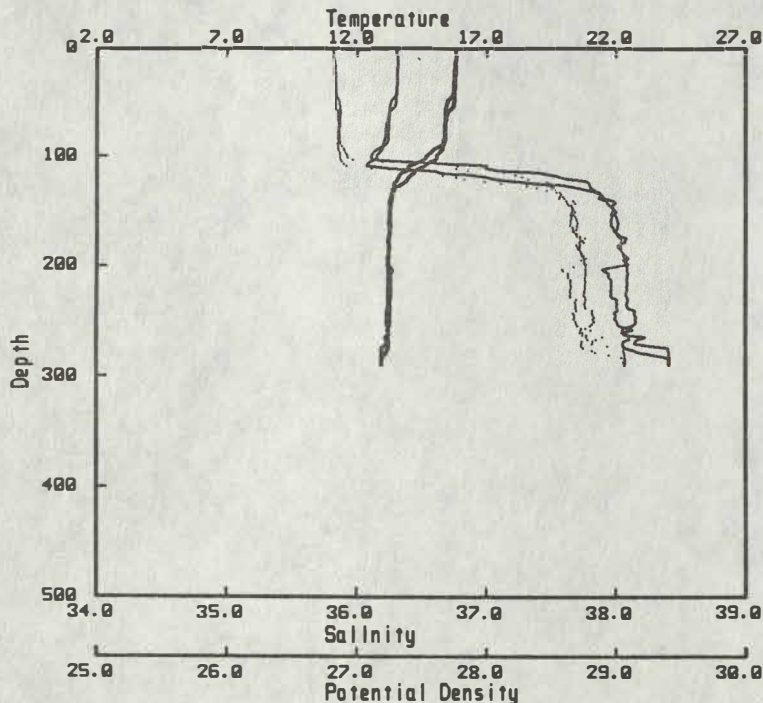
Day: 106.63 SST: 15.9 Tdry: 15.9 RH: 75.3 Wspd: 16.0 CTD #: 5  
 192 4.76 1 (MALABATA) 19 JKm E and N of Tarifa: -8.8km -11.5km  
 DSN025



PR	TE	SA	SGTH
20.0	15.707	36.300	26.832
30.0	15.686	36.297	26.835
40.0	15.662	36.290	26.836
50.0	15.412	36.243	26.856
60.0	15.351	36.230	26.861
70.0	15.361	36.226	26.856
80.0	15.347	36.214	26.850
90.0	15.301	36.204	26.853
100.0	15.067	36.154	26.867
120.0	13.911	37.082	27.835
140.0	13.286	37.962	28.649
160.0	13.237	38.032	28.714
180.0	13.259	38.004	28.689
200.0	13.265	37.999	28.684

STATION DSN026 : 35 53.9 N 5 43.7 W 16/ 4/86 1545Z 289/ 294m

Day: 106.64 SST: 15.9 Tdry: 15.9 RH: 75.3 Wspd: 12.0 CTD #: 5  
 191 4.80 1 (MALABATA) 19 JKm E and N of Tarifa: -8.9km -11.4km  
 DSN026 DISC 38 TAPE 25B



PR	TE	SA	SGTH
20.0	15.755	36.306	26.826
30.0	15.736	36.304	26.829
40.0	15.706	36.299	26.832
50.0	15.689	36.293	26.832
60.0	15.427	36.241	26.852
70.0	15.335	36.222	26.858
80.0	15.343	36.215	26.852
90.0	15.271	36.195	26.853
100.0	15.040	36.148	26.868
120.0	13.893	37.062	27.824
140.0	13.262	37.987	28.674
160.0	13.239	38.021	28.705
180.0	13.251	38.010	28.695
200.0	13.271	37.991	28.677