CAMPAGNE POMME

Programme Océan Multidisciplinaire Méso Echelle

ATLAS POMME 1

Résultats de l'opération POMME de 2001 en Atlantique Nord-Est

L. PRIEUR – C. POCHO – J. RAUNET

Juillet 2005

Observatoire Océanologique de Villefranche-sur-mer (O.O.V.) - Laboratoire d'Océanographie de Villefranche (L. O. V.) - UMR 7093 - BP08, 06238 Villefranche-sur-mer

POMME 2001

3 Fevrier - 8 Octobre

ATALANTE

CTD - VALID STATIONS
POMME 1

POTENTIAL TEMPERATURE

SALINITY

POTENTIAL DENSITY

BOTTLES

L.PRIEUR - J.RAUNET

Laboratoire d'Oceanographie - Observatoire Oceanologique . BP 08 . 06230 VILLEFRANCHE SUR MER

POMME 2001

3 Février – 8 Octobre

Atalante

Pomme 1 Leg 1

L. PRIEUR – C. POCHO
Juillet 2005

Observatoire Océanologique de Villefranche-sur-mer (O.O.V.) - Laboratoire d'Océanographie de Villefranche (L.O.V.) - UMR 7093 - BP08, 06238 Villefranche-sur-mer

POMME 1 - LEG1

3 Fevrier - 23 Fevrier 2001

ATALANTE

LISTING STATIONS

L.PRIEUR - J.RAUNET

Laboratoire d'Oceanographie - Observatoire Oceanologique . BP 08 . 06230 VILLEFRANCHE SUR MER

FICHIER	STAT	DATE	D/M	LONGITUDE	LATITUDE	HEURE DEB	HEURE FIN	N.SEQ	PMIN	PMAX	CAMPAGNE	NAVIRE
asc1001	1	3/ 2/ 1	1	16.40012 W	38.59876 N	22h 48m 0s	23h 23m 0s	2002	4.0	2005.0	POMME1 LEG1	ATALANTE
asc1002	2	4/ 2/ 1	1	16.39945 W	39.30108 N	3h 26m 0s	4h 1m 0s	1998	5.0	2002.0	POMME1 LEG1	ATALANTE
asc1003	3	4/ 2/ 1	1	16.39881 W	40.00011 N	8h 10m 0s	0h 0m 0s	4998	6.0	5001.0	POMME1 LEG1	ATALANTE
asc1004	4	4/ 2/ 1	1	16.39948 W	40.29902 N	14h 50m 0s	15h 33m 0s	2000	6.0	2005.0	POMME1 LEG1	ATALANTE
asc1005	5	4/ 2/ 1	1	16.40042 W	40.59859 N	21h 30m 0s	22h 31m 0s	2000	6.0	2005.0	POMME1 LEG1	ATALANTE
asc1006	6	5/ 2/ 1	1	16.39743 W	41.30191 N	4h 42m 0s	5h 18m 0s	1999	4.0	2002.0	POMME1 LEG1	ATALANTE
asc1007	7	6/ 2/ 1	1	16.39935 W	41.59998 N	15h 2m 0s	0h 0m 0s	1979	27.0	2005.0	POMME1 LEG1	ATALANTE
asc1008	8	6/ 2/ 1	1	16.39976 W	42.29885 N	20h 4m 0s	0h 0m 0s	1979	24.0	2002.0	POMME1 LEG1	ATALANTE
asc1009	9	7/ 2/ 1	1	16.40268 W	42.59872 N	2h 45m 0s	4h 15m 0s	2006	1.0	2004.0	POMME1 LEG1	ATALANTE
asc1010	10	7/ 2/ 1	1	16.40279 W	43.29997 N	9h 27m 0s	10h 10m 0s	1983	22.0	2004.0	POMME1 LEG1	ATALANTE
asc1011	11	7/ 2/ 1	1	16.40079 W	44.00209 N	14h 21m 0s	15h 10m 0s	1991	14.0	2004.0	POMME1 LEG1	ATALANTE
asc1012	12	7/ 2/ 1	1	16.39949 W	44.30001 N	20h 45m 0s	21h 32m 0s	1989	13.0	2001.0	POMME1 LEG1	ATALANTE
asc1013	13	8/ 2/ 1	1	17.19990 W	44.29984 N	2h 30m 0s	3h 12m 0s	2003	1.0	2003.0	POMME1 LEG1	ATALANTE
asc1014	14	8/ 2/ 1	1	17.59851 W	44.30028 N	8h 15m 0s	9h 36m 0s	4368	3.0	4370.0	POMME1 LEG1	ATALANTE
asc1015	15	8/ 2/ 1	1	18.40026 W	44.30036 N	14h 15m 0s	14h 59m 0s	1987	15.0	2001.0	POMME1 LEG1	ATALANTE
asc1016	16	8/ 2/ 1	1	19.19837 W	44.30058 N	18h 50m 0s	0h 0m 0s	1996	9.0	2004.0	POMME1 LEG1	ATALANTE
asc1017	17	9/ 2/ 1	1	20.00186 W	44.29927 N	0h 35m 0s	1h 19m 0s	1986	16.0	2001.0	POMME1 LEG1	ATALANTE
asc1018	18	9/ 2/ 1	1	20.39952 W	44.30046 N	5h 30m 0s	6h 10m 0s	1999	4.0	2002.0	POMME1 LEG1	ATALANTE
asc1019	19	9/ 2/ 1	1	20.40194 W	44.00032 N	11h 3m 0s	11h 44m 0s	2001	2.0	2002.0	POMME1 LEG1	ATALANTE
asc1020	20	9/ 2/ 1	1	19.59889 W	44.00080 N	16h 4m 0s	16h 44m 0s	1990	13.0	2002.0	POMME1 LEG1	ATALANTE
asc1021	21	9/ 2/ 1	1	18.40029 W	43.59946 N	23h 30m 0s	0h 11m 0s	1994	8.0	2001.0	POMME1 LEG1	ATALANTE
asc1022	22	10/ 2/ 1	1	18.00005 W	44.00092 N	4h 45m 0s	5h 29m 0s	2002	2.0	2003.0	POMME1 LEG1	ATALANTE
asc1023	23	10/ 2/ 1	1	17.20735 W	43.30372 N	11h 5m 0s	12h 0m 0s	1999	4.0	2002.0	POMME1 LEG1	ATALANTE
asc1024	24	10/ 2/ 1	1	17.20003 W	43.00121 N	21h 25m 0s	22h 13m 0s	1991	11.0	2001.0	POMME1 LEG1	ATALANTE
asc1025	25	11/ 2/ 1	1	17.19977 W	42.30068 N	4h 33m 0s	5h 16m 0s	2000	3.0	2002.0	POMME1 LEG1	ATALANTE
asc1026	26	11/ 2/ 1	1	17.20008 W	42.00021 N	9h 45m 0s	10h 27m 0s	2003	4.0	2006.0	POMME1 LEG1	ATALANTE
asc1027	27	11/ 2/ 1	1	17.19850 W	41.30021 N	15h 55m 0s	16h 39m 0s	2001	7.0	2007.0	POMME1 LEG1	ATALANTE
asc1028	28	11/ 2/ 1	1	17.20089 W	40.59974 N	21h 55m 0s	22h 38m 0s	1996	7.0	2002.0	POMME1 LEG1	ATALANTE
asc1029	29	12/ 2/ 1	1	17.20032 W	40.29686 N	3h 46m 0s	4h 26m 0s	1992	12.0	2003.0	POMME1 LEG1	ATALANTE
asc1030	30	12/ 2/ 1	1	17.19954 W	40.00024 N	9h 5m 0s	9h 48m 0s	1996	15.0	2010.0	POMME1 LEG1	ATALANTE
asc1031	31	12/ 2/ 1	1	17.15268 W	39.30412 N	13h 38m 0s	14h 19m 0s	1999	5.0	2003.0	POMME1 LEG1	ATALANTE
asc1032	32	13/ 2/ 1	1	17.59933 W	39.04934 N	0h 25m 0s	1h 45m 0s	4447	6.0	4452.0	POMME1 LEG1	ATALANTE
asc1033	33	13/ 2/ 1	1	18.00016 W	39.30100 N	5h 40m 0s	6h 19m 0s	2000	3.0	2002.0	POMME1 LEG1	ATALANTE
asc1034	34	13/ 2/ 1	1	18.00472 W	39.59769 N	10h 5m 0s	10h 46m 0s	2000	2.0	2001.0	POMME1 LEG1	ATALANTE
asc1035	35	13/ 2/ 1	1	17.59948 W	40.29947 N	16h 17m 0s	16h 57m 0s	1999	4.0	2002.0	POMME1 LEG1	ATALANTE
asc1036	36	13/ 2/ 1	1	17.59926 W	41.00040 N	20h 40m 0s	21h 16m 0s	1997	6.0	2002.0	POMME1 LEG1	ATALANTE
asc1037	37	14/ 2/ 1	1	18.00124 W	41.30267 N	2h 15m 0s	3h 50m 0s	4998	5.0	5002.0	POMME1 LEG1	ATALANTE
asc1038	38	14/ 2/ 1	1	18.02140 W	42.00594 N	8h 23m 0s	9h 2m 0s	1998	4.0	2001.0	POMME1 LEG1	ATALANTE
asc1039	39	14/ 2/ 1	1	17.59981 W	42.30100 N	15h 58m 0s	16h 36m 0s	1998	4.0	2001.0	POMME1 LEG1	ATALANTE
asc1040	40	14/ 2/ 1	1	18.00011 W	43.00005 N	21h 7m 0s	21h 48m 0s	1994	9.0	2002.0	POMME1 LEG1	ATALANTE
asc1041	41	15/ 2/ 1	1	18.00057 W	43.29911 N	1h 56m 0s	2h 43m 0s	1999	6.0	2004.0	POMME1 LEG1	ATALANTE
asc1042	42	15/ 2/ 1	1	19.20151 W	43.30133 N	9h 45m 0s	10h 21m 0s	2003	4.0	2004.0	POMME1 LEG1	ATALANTE
asc1043	43	15/ 2/ 1	1	20.00344 W	43.30251 N	14h 0m 0s	14h 38m 0s	1997	8.0	2004.0	POMME1 LEG1	ATALANTE
asc1044	44	15/ 2/ 1	1	20.39890 W	43.29958 N	18h 50m 0s	19h 27m 0s	2001	3.0	2003.0	POMME1 LEG1	ATALANTE
asc1045	45	16/ 2/ 1	1	20.47793 W	42.53033 N	0h 29m 0s	1h 46m 0s	4298	5.0	4302.0	POMME1 LEG1	ATALANTE
asc1046	46	16/ 2/ 1	1	19.59974 W	43.00011 N	7h 19m 0s	7h 53m 0s	1998	4.0	2001.0	POMME1 LEG1	ATALANTE
asc1047	47	16/ 2/ 1	1	18.59798 W	42.59945 N	13h 14m 0s	13h 54m 0s	1997	5.0	2001.0	POMME1 LEG1	ATALANTE
asc1048	48	16/ 2/ 1	1	18.40093 W	43.00013 N	19h 49m 0s	20h 27m 0s	1998	5.0	2002.0	POMME1 LEG1	ATALANTE
asc1049	49	17/ 2/ 1	1	18.39901 W	42.30033 N	0h 1m 0s	0h 43m 0s	1999	4.0	2002.0	POMME1 LEG1	ATALANTE
asc1050	50	17/ 2/ 1	1	18.40060 W	42.00043 N	5h 32m 0s	6h 4m 0s	1998	5.0	2002.0	POMME1 LEG1	ATALANTE
asc1051	51	17/ 2/ 1	1	18.39949 W	41.30111 N	10h 0m 0s	11h 47m 0s	5086	3.0	5088.0	POMME1 LEG1	ATALANTE
asc1052	52	17/ 2/ 1	1	18.40010 W	41.00094 N	17h 43m 0s	18h 21m 0s	2001	3.0	2003.0	POMME1 LEG1	ATALANTE
asc1053	53	17/ 2/ 1	1	18.39857 W	40.29945 N	23h 17m 0s	23h 58m 0s	1993	9.0	2001.0	POMME1 LEG1	ATALANTE
asc1054	54	18/ 2/ 1	1	18.39984 W	39.59911 N	4h 55m 0s	5h 31m 0s	1999	3.0	2001.0	POMME1 LEG1	ATALANTE
asc1055	55	18/ 2/ 1	1	18.51654 W	39.35158 N	12h 3m 0s	12h 44m 0s	1998	4.0	2001.0	POMME1 LEG1	ATALANTE
asc1056	56	18/ 2/ 1	1	18.39958 W	38.59987 N	16h 48m 0s	17h 24m 0s	1999	3.0	2001.0	POMME1 LEG1	ATALANTE
asc1057	57	18/ 2/ 1	1	19.20033 W	39.00083 N	21h 27m 0s	22h 11m 0s	1998	5.0	2002.0	POMME1 LEG1	ATALANTE
asc1058	58	19/ 2/ 1	1	19.19963 W	39.30131 N	2h 31m 0s	3h 9m 0s	1994	10.0	2003.0	POMME1 LEG1	ATALANTE
asc1059	59	19/ 2/ 1	1	19.20151 W	40.00385 N	7h 30m 0s	8h 3m 0s	1998	5.0	2002.0	POMME1 LEG1	ATALANTE
asc1060	60	19/ 2/ 1	1	19.19941 W	40.30042 N	11h 41m 0s	12h 21m 0s	2000	3.0	2002.0	POMME1 LEG1	ATALANTE
asc1061	61	19/ 2/ 1	1	19.20099 W	41.00016 N	17h 42m 0s	18h 22m 0s	2002	3.0	2004.0	POMME1 LEG1	ATALANTE
asc1062	62	19/ 2/ 1	1	19.19949 W	41.30016 N	21h 58m 0s	22h 37m 0s	1998	5.0	2002.0	POMME1 LEG1	ATALANTE
asc1063	63	20/ 2/ 1	1	19.20189 W	41.59922 N	2h 26m 0s	3h 3m 0s	1998	4.0	2001.0	POMME1 LEG1	ATALANTE
asc1064	64	20/ 2/ 1	1	19.19969 W	42.30036 N	7h 47m 0s	8h 22m 0s	1996	8.0	2003.0	POMME1 LEG1	ATALANTE
asc1065	65	20/ 2/ 1	1	20.00130 W	42.29906 N	12h 47m 0s	13h 25m 0s	2001	3.0	2003.0	POMME1 LEG1	ATALANTE
asc1066	66	20/ 2/ 1	1	20.39757 W	42.30003 N	17h 25m 0s	18h 3m 0s	2002	4.0	2005.0	POMME1 LEG1	ATALANTE
asc1067	67	20/ 2/ 1	1	20.39956 W	42.00021 N	22h 20m 0s	23h 0m 0s	1994	8.0	2001.0	POMME1 LEG1	ATALANTE
asc1068	68	21/ 2/ 1	1	19.59994 W	41.29992 N	4h 29m 0s	5h 4m 0s	2000	4.0	2003.0	POMME1 LEG1	ATALANTE
asc1069	69	21/ 2/ 1	1	19.59888 W	40.59950 N	9h 13m 0s	9h 52m 0s	2001	2.0	2002.0	POMME1 LEG1	ATALANTE
asc1070	70	21/ 2/ 1	1	20.40190 W	41.29961 N	15h 11m 0s	15h 50m 0s	1994	10.0	2003.0	POMME1 LEG1	ATALANTE
asc1071	71	21/ 2/ 1	1	20.39985 W	40.59990 N	19h 45m 0s	20h 24m 0s	2000	4.0	2003.0	POMME1 LEG1	ATALANTE
asc1072	72	22/ 2/ 1	1	20.40032 W	40.29849 N	0h 39m 0s	1h 19m 0s	1998	5.0	2002.0	POMME1 LEG1	ATALANTE
asc1073	73	22/ 2/ 1	1	20.00095 W	40.30063 N	5h 30m 0s	6h 0m 0s	1999	4.0	2002.0	POMME1 LEG1	ATALANTE
asc1074	74	22/ 2/ 1	1	19.59937 W	40.00085 N	10h 5m 0s	11h 23m 0s	4300	3.0	4302.0	POMME1 LEG1	ATALANTE

asc1075	75	22/ 2/ 1	1	20.39977 W	39.59923 N	16h 15m	0s	0h 0m	0s	1999	4.0	2002.0	POMME1	LEG1	ATALANTE
asc1076	76	22/ 2/ 1	1	20.39930 W	39.29965 N	20h 17m	0s	20h 56m	0s	1999	3.0	2001.0	POMME1	LEG1	ATALANTE
asc1077	77	23/ 2/ 1	1	19.59760 W	39.29818 N	1h 35m	0s	2h 13m	0s	1998	6.0	2003.0	POMME1	LEG1	ATALANTE
asc1078	78	23/ 2/ 1	1	19.59837 W	39.02952 N	6h 5m	0s	6h 42m	0s	2000	3.0	2002.0	POMME1	LEG1	ATALANTE
asc1079	79	23/ 2/ 1	1	20.40011 W	38.59985 N	10h 35m	0s	11h 16m	0s	1999	4.0	2002.0	POMME1	LEG1	ATALANTE

POMME 1 - LEG1

3 Fevrier - 23 Fevrier 2001

ATALANTE

LISTING BOTTLES

L.PRIEUR - J.RAUNET

Laboratoire d'Oceanographie - Observatoire Oceanologique . BP 08 . 06230 VILLEFRANCHE SUR MER

POMME1 - LEG1

LIGNE 1 - CHOIX de DEPART des PROFONDEURS BOUTEILLES
LIGNE 2 - FICHIER ROSETTE des PROFONDEURS BOUTEILLES

NST	NUMEROS de BOUTEILLES																				
	1	2	3	4	5	6	7	8	9	10	11	12	13	17	18	19	20	21	22	23	24
1001	2000	1500	1000	800	600	500	400	300	200	150	100	80	60	50	50	40	40	20	20	5	5
1001	2000	1501	1001	799	601	501	401	302	200	151	100	76	62	51	51	41	40	20	21	6	6
1002	2000	1500	1000	800	600	500	400	300	200	150	100	80	60	50	50	40	40	20	20	5	5
1002	2003	1499	1000	799	601	501	402	301	200	151	101	81	61	51	51	42	41	21	20	6	5
1003	5000	4000	3500	3000	2500	2000	1500	1000	800	600	500	400	300	200	150	100	80	60	40	20	5
1003	5002	4001	3501	3002	2501	1999	1502	1000	799	599	499	400	301	202	149	100	76	55	40	20	4
1004	2000	2000	1500	1500	1000	1000	800	800	600	500	400	300	200	150	100	80	60	50	40	20	5
1004	2002	2002	1500	1499	1002	1003	803	800	601	501	399	299	201	151	99	81	56	49	38	23	5
1005	2000	2000	1500	1500	1000	1000	800	800	600	500	400	300	200	150	100	80	60	50	40	20	5
1005	1999	1999	1502	1501	994	995	799	801	603	501	401	301	200	152	102	82	63	54	45	24	9
1006	2000	1500	1000	800	600	500	400	300	200	150	100	80	60	50	50	40	40	20	20	5	5
1006	2001	1503	1000	800	600	504	402	299	200	151	101	82	62	50	50	39	39	19	19	4	4
1007	2000	2000	1500	1500	1000	1000	800	800	600	600	500	500	400	300	300	200	200	130	130	50	20
1007																					
1008	2000	2000	1500	1500	1000	1000	800	800	600	600	500	500	400	300	300	200	200	80	80	50	20
1008	2002	1997	1501	1496	1007	997	806	800	603	597	507	499	405	303	301	202	194	83	81	54	21
1009	2000	2000	1500	1500	1000	1000	800	800	600	600	500	500	400	300	300	200	200	80	80	50	20
1009	1992	1999	1499	1493	1002	990	800	790	600	592	497	496	401	301	296	205	191	79	72	49	18
1010	2000	2000	1500	1500	1000	1000	800	800	600	600	500	500	400	300	300	230	230	100	100	50	20
1010	2001	2003	1506	1488	1007	990	800	784	606	594	507	492	404	304	289	230	211	101	101	53	29
1011	2000	2000	1500	1500	1000	1000	800	800	600	600	500	500	400	300	300	200	200	150	150	50	20
1011	2000	2001	1507	1494	1005	989	807	790	605	596	505	475	408	302	290	205	185	155	142	54	22
1012	2000	2000	1500	1500	1000	1000	800	800	600	600	500	500	400	300	300	200	200	150	150	50	20
1012																					
1013	2000	2000	1500	1500	1000	1000	800	800	600	600	500	500	400	300	300	200	200	100	100	50	20
1013	2001	2002	1500	1491	1001	991	797	791	599	591	498	490	398	297	290	198	189	102	102	51	21
1014	5000	4000	3500	3000	2500	2000	1500	1000	800	600	500	400	300	200	150	100	80	60	40	20	5
1014	4368	4005	3505	3009	2506	2003	1501	1001	805	605	507	405	306	206	153	100	89	65	43	22	4
1015	2000	2000	1500	1500	1000	1000	800	800	600	500	400	300	200	150	100	80	60	50	40	20	5
1015	2000	2000	1504	1500	1006	999	809	800	604	506	405	306	206	154	102	84	63	52	43	22	5
1016	2000	2000	1500	1500	1000	1000	800	800	600	500	400	300	200	120	100	80	60	50	40	20	5
1016	2003	2002	1507	1500	1006	997	806	798	605	501	402	303	205	118	99	81	63	52	41	23	6

NST	NUMEROS de BOUTEILLES																				
	1	2	3	4	5	6	7	8	9	10	11	12	13	17	18	19	20	21	22	23	24
1017	2000	1500	1000	800	600	500	400	300	200	150	100	80	60	50	50	40	40	20	20	5	5
1017	1996	1500	1000	799	599	499	400	300	201	149	101	80	62	51	51	41	41	21	20	5	5
1018	2000	1500	1000	800	600	500	400	300	200	150	100	80	60	50	50	40	40	20	20	5	5
1018	2000	1495	999	800	600	500	399	299	199	149	102	79	61	51	52	42	42	20	20	5	5
1019	2000	2000	1500	1500	1000	1000	800	800	600	500	400	300	200	150	100	80	60	50	40	20	5
1019	2001	2000	1503	1496	1003	997	808	800	604	502	403	302	203	153	101	83	62	51	41	22	8
1020	2000	2000	1500	1500	1000	1000	800	800	610	500	400	300	200	150	100	80	60	50	40	20	5
1020	2003	2001	1505	1498	1008	1000	799	792	616	481	405	306	204	156	99	85	65	57	46	27	2
1021	2000	1500	1000	800	600	500	400	300	200	150	100	80	60	50	50	40	40	20	20	5	5
1021	2000	1503	1002	802	604	503	403	300	201	153	101	84	63	50	47	42	40	24	22	9	8
1022	2000	1500	1000	800	600	500	400	300	200	150	100	80	60	50	50	40	40	20	20	5	5
1022	2001	1499	997	799	599	501	402	300	196	143	100	80	60	53	51	39	40	20	19	6	3
1023	2000	2000	1500	1500	1000	1000	800	800	600	500	400	300	200	150	100	80	60	50	40	20	5
1023	2001	2000	1505	1500	1005	1002	805	800	602	505	400	302	202	152	102	84	61	51	43	23	8
1024	2000	2000	1500	1500	1000	1000	800	800	600	500	400	300	200	150	100	80	60	50	40	20	5
1024	2000	2000	1490	1483	999	993	805	798	605	506	408	306	202	152	101	83	64	48	40	25	9
1025	2000	1500	1000	800	600	500	400	300	200	150	100	80	60	50	50	40	40	20	20	5	5
1025	2001	1497	1002	800	603	497	398	300	196	151	102	80	61	51	52	39	40	21	21		
1026	2000	2000	1500	1500	1000	1000	800	800	600	500	400	300	200	150	100	80	60	50	40	20	5
1026	2003	2002	1509	1500	1006	997	804	796	605	506	404	305	206	156	100	84	67	53	43	23	4

1027	2000	2000	1500	1500	1000	1000	800	800	600	500	400	300	200	150	100	80	60	50	40	20	5
1027	2001	2003	1507	1499	1005	997	805	797	608	507	406	304	208	154	100	84	63	51	41	24	9
1028	2000	2000	1500	1500	1000	1000	800	800	600	500	400	300	200	150	100	80	60	50	40	20	5
1028	2001	2002	1507	1502	1010	1003	809	802	605	504	405	304	201	152	99	80	63	53	44	23	10
1029	2000	1500	1000	800	600	500	400	300	200	150	100	80	60	50	50	40	40	20	20	5	5
1029	2000	1499	1000	799	599	500	399	299	200	147	102	81	61	52	51	40	40	20	20	4	4
1030	2000	2000	1800	1800	1000	1000	800	800	600	500	400	300	200	150	100	80	60	50	40	20	5
1030	2008	2008	1805	1797	1007	998	807	798	605	504	404	307	205	156	102	85	63	53	44	23	3
1031	2000	2000	1500	1500	1000	1000	800	800	600	500	400	300	200	150	100	80	60	50	40	20	5
1031	2001	2001	1507	1501	1007	1003	807	801	606	507	405	303	203	151	99	85	63	53	43	24	8
1032	4450	4000	3500	3000	2500	2000	1500	1000	800	600	500	400	300	200	150	100	80	60	40	20	5
1032	4450	4001	3499	3003	2499	2001	1498	1000	800	601	500	400	299	198	150	100	80	60	41	20	6
1033	2000	1500	1000	800	600	500	400	300	200	150	100	80	60	50	50	40	40	20	20	5	5
1033	1999	1500	998	800	599	498	397	299	197	148	101	81	61	51	51	40	40	19	20	5	5
1034	2000	2000	1500	1500	1000	1000	800	800	600	500	400	300	200	150	100	80	60	50	40	20	5
1034	1999	1999	1504	1494	1001	995	804	796	599	497	400	299	199	148	100	81	61	51	42	21	5
1035	2000	1500	1500	1000	1000	800	800	600	500	400	300	200	150	100	80	60	50	40	30	20	5
1035	2001	1507	1499	1007	998	809	799	603	502	403	302	201	151	99	84	60	50	39	29	19	5
1036	2000	1500	1500	1000	1000	800	770	600	500	400	300	200	150	100	60	60	50	40	30	20	5
1036	2002	1508	1501	1009	1001	809	773	604	503	402	302	203	152	100	59	59	51	38	30	21	6

NST	1	2	3	4	5	6	7	8	9	10	11	12	13	17	18	19	20	21	22	23	24
1037	5000	4000	3500	3000	2500	2000	1500	1000	800	600	500	400	300	200	150	100	80	60	40	20	5
1037	5002	3998	3501	3001	2500	2003	1500	1001	801	599	499	400	301	200	148	101	80	59	40	19	4
1038	2000	1500	1500	1000	1000	800	800	600	500	400	300	200	150	100	80	60	50	40	30	20	5
1038	2000	1501	1497	1003	999	803	799	599	501	399	299	198	150	101	82	59	49	41	30	20	5
1039	2000	1500	1500	1000	1000	800	800	600	500	400	300	200	150	100	80	60	50	40	30	20	5
1039	1996	1508	1502	1007	1002	807	801	604	505	402	303	201	150	100	80	59	50	41	29	20	6
1040	2000	1500	1500	1000	1000	800	800	600	500	400	300	200	150	100	80	60	50	40	30	20	5
1040	2001	1505	1500	1009	1001	808	802	601	502	403	301	201	153	101	80	60	50	41	30	19	6
1041	2000	1500	1000	800	600	500	400	300	200	150	100	80	60	50	40	40	30	20	20	5	5
1041	1998	1498	1000	801	600	500	399	299	199	150	99	81	61	50	40	40	30	20	19	7	6
1042	2000	1500	1500	1000	1000	800	800	600	500	400	300	200	150	100	80	60	50	40	30	20	5
1042	2003	1512	1503	1011	1003	807	799	605	504	405	304	205	154	101	84	63	54	43	34	23	3
1043	2000	1500	1500	1000	1000	800	800	600	500	400	300	200	150	100	80	60	50	40	30	20	5
1043	2004	1508	1499	1005	999	806	800	605	504	406	303	208	156	109	86	68	56	46	36	26	10
1044	2000	1500	1500	1000	1000	800	800	600	500	400	300	200	150	100	80	60	50	40	30	20	5
1044	2002	1505	1499	1007	999	806	798	604	505	402	303	202	153	101	81	59	50	38	30	21	5
1045	4300	4000	3500	3000	2500	2000	1500	1000	800	600	500	400	300	200	150	100	80	60	40	20	5
1045	4302	4001	3501	3000	2500	2000	1500	1000	800	600	500	401	301	200	149	100	81	60	40	20	6
1046	2000	1500	1500	1000	1000	800	800	600	500	400	300	200	150	100	80	60	50	40	30	20	5
1046	2001	1501	1495	1002	998	801	799	600	500	400	299	199	150	100	81	60	50	40	29	20	6
1047	2000	1500	1500	1000	1000	800	800	600	500	400	300	200	150	100	80	60	50	40	30	20	5
1047	2001	1507	1500	1008	1002	807	800	603	504	404	303	203	154	100	81	60	50	40	30	20	6
1048	2000	1500	1500	1000	1000	800	800	600	500	400	300	200	150	100	80	60	50	40	30	20	5
1048	2001	1509	1503	1008	1001	805	798	603	503	404	304	203	154	100	80	58	51	40	30	20	5
1049	2000	1500	1000	800	600	500	400	300	200	150	100	80	60	50	40	40	30	20	20	5	5
1049	2003	1498	1001	800	600	501	400	301	200	151	100	80	61	51	40	40	30	20	21	6	5
1050	2000	1500	1000	800	600	500	400	300	200	150	100	80	60	50	40	40	30	20	20	5	5
1050	2000	1500	1000	800	600	499	399	299	201	148	101	80	59	50	40	40	30	20	20	4	5
1051	5078	4000	3500	3000	2500	2000	1500	1000	800	600	500	400	300	200	150	100	80	60	40	20	5
1051	5015	4006	3504	3006	2502	2000	1503	1006	804	602	502	402	304	202	150	99	81	61	40	20	
1052	2000	1500	1500	1000	1000	800	800	600	500	400	300	200	150	100	80	60	50	40	30	20	5
1052	2001	1506	1498	1006	998	801	793	606	506	405	306	208	156	101	83	65	56	46	36	25	5
1053	2000	1500	1000	800	600	500	400	300	200	150	100	80	60	50	40	40	30	20	20	5	5
1053	2000	1504	1001	802	604	503	403	302	203	150	99	80	59	50	40	40	30	20	20	5	5
1054	2000	1500	1000	800	600	500	400	300	200	150	100	80	60	50	40	40	30	20	20	5	5
1054	2001	1501	1000	800	600	500	401	300	200	150	100	82	61	49	41	41	30	20	20	5	5
1055	2000	1500	1500	1000	1000	800	800	600	500	400	300	200	150	100	80	60	50	40	30	20	5
1055	2000	1508	1500	1007	1000	808	801	605	503	402	303	203	153	100	79	60	50	41	30	20	5
1056	2000	1500	1500	1000	1000	800	800	600	500	400	300	200	150	100	80	60	50	40	30	20	5
1056	2001	1507	1499	1007	1000	806	799	606	506	406	306	206	156	106	85	62	55	45	34	24	3

NST	1	2	3	4	5	6	7	8	9	10	11	12	13	17	18	19	20	21	22	23	24

1057	2000	1500	1500	1000	1000	800	800	600	500	400	300	200	150	100	80	60	50	40	30	20	5
1057	2001	1507	1500	1008	1001	807	798	603	503	402	300	203	152	100	78	60	50	39	30	19	4
1058	2000	1500	1000	800	600	500	400	300	200	150	100	80	60	50	40	40	30	20	20	5	5
1058	2000	1501	999	799	599	499	400	301	200	150	100	81	60	51	41	40	31	20	20	6	5
1059	2000	1500	1500	1000	1000	800	800	600	500	400	300	200	150	100	80	60	50	40	30	20	5
1059	2001	1502	1499	1002	998	802	800	600	500	400	299	201	149	101	80	61	50	41	30	20	5
1060	2000	1500	1500	1000	1000	800	800	600	500	400	300	200	150	100	80	60	50	40	30	20	5
1060	2003	1503	1496	1006	1001	807	801	603	502	402	303	203	154	100	80	60	50	41	30	21	6
1061	2000	1550	1550	1000	1000	800	800	600	500	400	300	200	150	100	80	60	50	40	30	20	5
1061	2003	1554	1548	1008	1001	806	799	606	506	406	305	205	155	101	81	63	55	46	34	24	5
1062	2000	1500	1000	800	600	500	400	300	200	150	100	80	60	50	40	40	30	20	20	5	5
1062	2004	1503	1003	804	504	486	403	302	202	152	100	80	58	50	39	39	30	20	20	5	6
1063	2000	1500	1000	800	600	500	400	300	200	150	100	80	60	50	40	40	30	20	20	5	5
1063	1998	1501	999	801	600	500	401	300	201	150	101	81	60	51	41	41	31	20	20	5	5
1064	2000	1500	1500	1000	1000	800	800	600	500	400	300	200	150	100	80	60	50	40	30	20	5
1064	2002	1502	1498	1002	997	800	796	599	499	400	300	200	150	100	81	61	51	40	30	20	6
1065	2000	1500	1500	1000	1000	800	800	600	500	400	300	200	150	100	80	60	50	40	30	20	5
1065	2003	1506	1498	1007	1000	809	802	604	504	402	300	203	153	100	81	60	50	41	29	20	5
1066	2000	1500	1500	1000	1000	800	800	600	500	400	300	200	150	100	80	60	50	40	30	20	5
1066	2005	1505	1498	1007	999	807	800	607	506	406	306	205	155	100	84	66	54	43	36	23	5
1067	2000	1500	1000	800	600	500	400	300	200	150	100	80	60	50	40	40	30	20	20	5	5
1067	1994	1504	1003	804	604	498	403	303	203	153	100	79	59	48	40	40	29	19	19	5	5
1068	2000	1500	1000	800	600	500	400	300	200	150	100	80	60	50	40	40	30	20	20	5	5
1068	2002	1499	1000	800	600	500	399	300	200	150	101	80	60	50	39	40	29	19	19	6	6
1069	2000	1500	1500	1000	1000	800	800	600	500	400	300	200	150	100	80	60	50	40	30	20	5
1069	1999	1505	1500	1008	998	807	798	606	507	406	308	207	156	101	85	62	50	42	32	19	3
1070	2000	1500	1500	1000	1000	800	800	600	500	400	300	200	150	100	80	60	50	40	30	20	5
1070	2000	1508	1501	1008	1000	808	801	606	505	405	305	207	157	101	83	63	54	42	34	24	5
1071	2000	1500	1500	1000	1000	800	800	600	400	400	300	200	150	100	80	60	50	40	30	20	5
1071	2001	1506	1498	1007	1000	807	799	595	403	391	289	206	151	100	80	61	50	40	29	21	6
1072	2000	1500	1000	800	600	500	400	300	200	150	100	80	60	50	40	40	30	20	20	5	5
1072	2000	1500	1001	801	600	499	399	300	200	151	101	81	60	51	41	41	30	20	20	6	5
1073	2000	1500	1000	800	600	500	400	300	200	150	100	80	60	50	40	40	30	20	20	5	5
1073	2000	1498	1001	800	600	500	400	301	199	150	100	80	60	50	40	40	31	20	20	6	5
1074	4300	4000	3500	3000	2500	2000	1500	1000	800	600	500	400	300	200	150	100	80	60	40	20	5
1074	4301	4003	3507	3005	2506	2003	1503	1001	803	604	504	391	304	203	153	101	81	61	41	20	5
1075	2000	1500	1500	1000	1000	800	800	600	500	400	300	200	150	100	80	60	50	40	30	20	5
1075	2001	1508	1500	1007	999	807	799	606	506	405	307	208	155	101	84	64	53	43	34	22	4
1076	2000	1500	1500	1000	1000	800	800	600	500	400	300	200	150	100	80	60	50	40	30	20	5
1076	2001	1509	1502	1008	1000	807	799	602	503	403	302	203	153	102	80	59	50	39	29	19	4

NST	1	2	3	4	5	6	7	8	9	10	11	12	13	17	18	19	20	21	22	23	24
1077	2000	1500	1000	800	600	500	400	300	200	150	100	80	60	50	40	40	30	20	20	5	5
1077	2002	1500	1000	800	601	499	399	300	201	150	101	81	60	51	40	41	30	20	20	6	6
1078	2000	1500	1000	800	600	500	400	300	200	150	100	80	60	50	40	40	30	20	20	5	5
1078	2000	1500	1000	801	600	499	399	301	199	150	100	81	61	51	40	40	30	20	20	5	4
1079	2000	1500	1500	1000	1000	800	800	600	500	400	300	200	150	100	80	60	50	40	30	20	5
1079	2002	1506	1499	1003	995	796	788	600	499	401	300	206	155	101	84	63	55	42	34	22	4

POMME 2001

3 Février – 8 Octobre

Atalante

LISTE DES TYPES DE PRELEVEMENTS EFECTUES SUR LES BOUTEILLES DE LA ROSETTE A LA FIN DE CHAQUE STATION CTD-ROSETTE

Pomme 1 Leg 1

L. PRIEUR – C. POCHO

Juillet 2005

Observatoire Océanologique de Villefranche-sur-mer (O.O.V.) - Laboratoire d'Océanographie de Villefranche (L.O.V.) - UMR 7093 - BP08, 06238 Villefranche-sur-mer

Inventaire des types de prélèvement effectués sur les bouteilles de la Rosette à la fin de chaque Station CTD-Rosette

L'inventaire complet de tous les prélèvements sur chaque bouteille reproduit à partir des feuilles de station cochées par les responsables des pélèvements est d'abord présenté. Il est suivi de l'inventaire par type de prélèvement pour les plus abondants .

ALK: Alcalinité
BB : biomasse bactérienne
BIODEG : pour expérience de biodégradation
BSi : silice biogénique
COLL : Colloides
CytoM : Cytométrie (picoplancton)
CytoR : Cytométrie
DI : dissolved inorganic carbon
DOC : dissolved organic carbon
DOM : Dissolved organic matter
ETS: Electron transport system (proxy du taux d'oxydation de la matière carbonée)
FR : Fréon
HIAC : spectre de taille du micro et nanoplancton
LIP : Lipides
MET : métaux en traces
OX : oxygène Winkler
PB : Production bactérienne
PIG : Pigments
POD : Phospore organique dissous
SAL : Salinité en canette
Si : silice
SNT : Sel nutritifs
15N : production primaire méthode Azote 15
PP : production primaire méthode 14C
Si32 : production primaire méthode Silicium
PI : prélèvement pour déterminer les courbes P versus I, production primaire
P_O2 : production primaire méthode Oxgène

POMME1 - LEG1

PRELEVEMENTS STATIONS DE JOUR :

O2-DIC + DMS + PH-Alc + DOC + Bact + SNUT + MOP + Pigm + HIAC

PRELEVEMENTS STATIONS DE NUIT :

O2-DIC + DMS + PH-Alc + DOC + Bact + SNUT + MOD + MOP + Pigm + HIAC + Pprim + Phyto

PRELEVEMENTS STATIONS PROFONDES :

O2-DIC + DIC + + TOC + SNUT + + MOP + Pigm + HIAC + Cyto

	NUMEROS de BOUTEILLES																			
NST	1	2	3	4	5	6	7	8	9	10	11	12	13	17	18	19	20	21	22	23	24
1001 Nuit	2000	1501	1001	799	601	501	401	302	200	151	100	76	62	51	51	41	40	20	21	6	6
	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2		DCO2	DCO2	DCO2		DCO2	
																DMS	DMS	DMS		DMS	
	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl		PHAl	PHAl	PHAl		PHAl	
	DOC	DOC	DOC	DOC	DOC	DOC	DOC	DOC	DOC	DOC	DOC	DOC	DOC	DOC	DOC		DOC		DOC		DOC
	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT		SNUT		SNUT		SNUT
												MOD	MOD	MOD	MOD		MOD		MOD		MOD
									MOP	MOP	MOP	MOP	MOP	MOP	MOP		MOP		MOP		MOP
														Pigm		Pigm	Pigm	Pigm		Pigm	
	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC		HIAC	HIAC	HIAC		HIAC	
												Pprm	Pprm	Pprm	Pprm		Pprm		Pprm		Pprm
																					Phyt
1002 Nuit	2003	1499	1000	799	601	501	402	301	200	151	101	81	61	51	51	42	41	21	20	6	5
	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2		DCO2	DCO2	DCO2		DCO2	
																DMS	DMS	DMS		DMS	
	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl		PHAl	PHAl	PHAl		PHAl	

	DOC	DOC	DOC	DOC	DOC	DOC	DOC	DOC	DOC	DOC	DOC	DOC	DOC	DOC	DOC		DOC		DOC		DOC
	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT		SNUT		SNUT		SNUT
												MOD	MOD	MOD	MOD		MOD		MOD		MOD
									MOP	MOP	MOP	MOP	MOP	MOP	MOP		MOP		MOP		MOP
														Pigm							
	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC			Pigm	Pigm	Pigm		Pigm		
												Pprm	Pprm	Pprm	Pprm								Pprm
																							Phyt
1003	5002	4001	3501	3002	2501	1999	1502	1000	799	599	499	400	301	202	149	100	76	55	40	20	4
Nuit	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2
Prof	DIC	DIC	DIC	DIC	DIC	DIC	DIC	DIC	DIC	DIC	DIC	DIC	DIC	DIC	DIC	DIC	DIC	DIC	DIC	DIC	DIC
	TOC	TOC	TOC	TOC	TOC	TOC	TOC	TOC	TOC	TOC	TOC	TOC	TOC	TOC	TOC	TOC	TOC	TOC	TOC	TOC	TOC
	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT
												MOP	MOP	MOP	MOP	MOP	MOP	MOP	MOP	MOP	MOP
													Pigm	Pigm	Pigm	Pigm	Pigm	Pigm	Pigm	Pigm	Pigm
	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC
												Cyto	Cyto	Cyto	Cyto	Cyto	Cyto	Cyto	Cyto	Cyto	Cyto
1004	2002	2002	1500	1499	1002	1003	803	800	601	501	399	299	201	151	99	81	56	49	38	23	5
Jour	DCO2		DCO2		DCO2		DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2
																		DMS	DMS	DMS	DMS
	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl
	DOC	DOC		DOC		DOC		DOC	DOC	DOC	DOC	DOC	DOC	DOC	DOC	DOC	DOC	DOC	DOC	DOC	DOC
	SNUT	SNUT		SNUT		SNUT		SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT
												MOP	MOP	MOP	MOP	MOP	MOP	MOP	MOP	MOP	MOP
											Pigm	Pigm	Pigm	Pigm	Pigm	Pigm	Pigm	Pigm	Pigm	Pigm	Pigm
	HIAC		HIAC		HIAC		HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC
1005	1999	1999	1502	1501	994	995	799	801	603	501	401	301	200	152	102	82	63	54	45	24	9
Nuit	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2		DCO2	DCO2	DCO2		DCO2	
																DMS	DMS	DMS		DMS	
	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl		PHAl	PHAl	PHAl		PHAl	
	DOC	DOC	DOC	DOC	DOC	DOC	DOC	DOC	DOC	DOC	DOC	DOC	DOC	DOC	DOC		DOC		DOC		DOC
	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT		SNUT		SNUT		SNUT
												MOD	MOD	MOD	MOD		MOD		MOD		MOD
									MOP	MOP	MOP	MOP	MOP	MOP	MOP		MOP		MOP		MOP
														Pigm							
	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC			Pigm	Pigm	Pigm		Pigm		
												Pprm	Pprm	Pprm	Pprm								Pprm
																							Phyt
1006	2001	1503	1000	800	600	504	402	299	200	151	101	82	62	50	50	39	39	19	19	4	4
Nuit	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2		DCO2	DCO2	DCO2		DCO2	

																DMS	DMS	DMS		DMS			
		PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl		PHAl			
		DOC	DOC	DOC	DOC	DOC	DOC	DOC	DOC	DOC	DOC	DOC	DOC	DOC	DOC	DOC	DOC		DOC		DOC		DOC
		SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT		SNUT		SNUT		SNUT
													MOD	MOD	MOD	MOD	MOD		MOD		MOD		MOD
										MOP	MOP	MOP	MOP	MOP	MOP	MOP	MOP		MOP		MOP		MOP
															Pigm		Pigm	Pigm	Pigm		Pigm		
		HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC		HIAC	HIAC	HIAC		HIAC		
													Pprm	Pprm	Pprm	Pprm		Pprm		Pprm		Pprm	
																						Phyt	
1007																							
Jour		DCO2		DCO2		DCO2		DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2
																		DMS	DMS	DMS	DMS		
		PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl		
		DOC	DOC		DOC		DOC		DOC	DOC	DOC	DOC	DOC	DOC	DOC	DOC	DOC	DOC	DOC	DOC	DOC		
		SNUT	SNUT		SNUT		SNUT		SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT		
													MOP	MOP	MOP	MOP	MOP	MOP	MOP	MOP	MOP		
												Pigm	Pigm	Pigm	Pigm	Pigm	Pigm	Pigm	Pigm	Pigm	Pigm		
		HIAC		HIAC		HIAC		HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC		
1008		2002	1997	1501	1496	1007	997	806	800	603	597	507	499	405	303	301	202	194	83	81	54	21	
Nuit		DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2		DCO2	DCO2	DCO2		DCO2		
																	DMS	DMS	DMS		DMS		
		PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl		PHAl	PHAl	PHAl		PHAl		
		DOC	DOC	DOC	DOC	DOC	DOC	DOC	DOC	DOC	DOC	DOC	DOC	DOC	DOC	DOC		DOC		DOC		DOC	
		SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT		SNUT		SNUT		SNUT	
													MOD	MOD	MOD	MOD		MOD		MOD		MOD	
										MOP	MOP	MOP	MOP	MOP	MOP	MOP		MOP		MOP		MOP	
															Pigm		Pigm	Pigm	Pigm		Pigm		
		HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC		HIAC	HIAC	HIAC		HIAC		
													Pprm	Pprm	Pprm	Pprm		Pprm		Pprm		Pprm	
																						Phyt	
1009		1992	1999	1499	1493	1002	990	800	790	600	592	497	496	401	301	296	205	191	79	72	49	18	
Nuit		DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2		DCO2	DCO2	DCO2		DCO2		
																	DMS	DMS	DMS		DMS		
		PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl		PHAl	PHAl	PHAl		PHAl		
		DOC	DOC	DOC	DOC	DOC	DOC	DOC	DOC	DOC	DOC	DOC	DOC	DOC	DOC	DOC		DOC		DOC		DOC	
		SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT		SNUT		SNUT		SNUT	
													MOD	MOD	MOD	MOD		MOD		MOD		MOD	
										MOP	MOP	MOP	MOP	MOP	MOP	MOP		MOP		MOP		MOP	
															Pigm		Pigm	Pigm	Pigm		Pigm		
		HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC		HIAC	HIAC	HIAC		HIAC		

												Pprm	Pprm	Pprm	Pprm		Pprm		Pprm		Pprm
																					Phyt
1010	2001	2003	1506	1488	1007	990	800	784	606	594	507	492	404	304	289	230	211	101	101	53	29
Jour	DCO2		DCO2		DCO2		DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2
																		DMS	DMS	DMS	DMS
	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl
	DOC	DOC		DOC		DOC		DOC	DOC	DOC	DOC	DOC	DOC	DOC	DOC	DOC	DOC	DOC	DOC	DOC	DOC
	SNUT	SNUT		SNUT		SNUT		SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT
												MOP	MOP	MOP	MOP	MOP	MOP	MOP	MOP	MOP	MOP
											Pigm	Pigm	Pigm	Pigm	Pigm	Pigm	Pigm	Pigm	Pigm	Pigm	Pigm
	HIAC		HIAC		HIAC		HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC
1011	2000	2001	1507	1494	1005	989	807	790	605	596	505	475	408	302	290	205	185	155	142	54	22
Jour	DCO2		DCO2		DCO2		DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2
																		DMS	DMS	DMS	DMS
	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl
	DOC	DOC		DOC		DOC		DOC	DOC	DOC	DOC	DOC	DOC	DOC	DOC	DOC	DOC	DOC	DOC	DOC	DOC
	SNUT	SNUT		SNUT		SNUT		SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT
												MOP	MOP	MOP	MOP	MOP	MOP	MOP	MOP	MOP	MOP
											Pigm	Pigm	Pigm	Pigm	Pigm	Pigm	Pigm	Pigm	Pigm	Pigm	Pigm
	HIAC		HIAC		HIAC		HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC
1012																					
Nuit																					
1013	2001	2002	1500	1491	1001	991	797	791	599	591	498	490	398	297	290	198	189	102	102	51	21
Nuit	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2		DCO2	DCO2	DCO2		DCO2	
																DMS	DMS	DMS		DMS	
	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl		PHAl	PHAl	PHAl		PHAl	
	DOC	DOC	DOC	DOC	DOC	DOC	DOC	DOC	DOC	DOC	DOC	DOC	DOC	DOC	DOC		DOC		DOC		DOC
	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT		SNUT		SNUT		SNUT
												MOD	MOD	MOD	MOD		MOD		MOD		MOD
									MOP	MOP	MOP	MOP	MOP	MOP	MOP		MOP		MOP		MOP
														Pigm		Pigm	Pigm	Pigm		Pigm	
	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC		HIAC	HIAC	HIAC		HIAC	
												Pprm	Pprm	Pprm	Pprm		Pprm		Pprm		Pprm
																					Phyt
1014	4368	4005	3505	3009	2506	2003	1501	1001	805	605	507	405	306	206	153	100	89	65	43	22	4
Jour	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2
Prof	DIC	DIC	DIC	DIC	DIC	DIC	DIC	DIC	DIC	DIC	DIC	DIC	DIC	DIC	DIC	DIC	DIC	DIC	DIC	DIC	DIC
	TOC	TOC	TOC	TOC	TOC	TOC	TOC	TOC	TOC	TOC	TOC	TOC	TOC	TOC	TOC	TOC	TOC	TOC	TOC	TOC	TOC
	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT

													MOP	MOP	MOP	MOP	MOP	MOP	MOP	MOP	MOP	MOP
														Pigm	Pigm	Pigm	Pigm	Pigm	Pigm	Pigm	Pigm	Pigm
		HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC
											Cyto	Cyto	Cyto	Cyto	Cyto	Cyto	Cyto	Cyto	Cyto	Cyto	Cyto	Cyto
1015		2000	2000	1504	1500	1006	999	809	800	604	506	405	306	206	154	102	84	63	52	43	22	5
Jour		DCO2		DCO2		DCO2		DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2
																			DMS	DMS	DMS	DMS
		PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl
		DOC	DOC		DOC		DOC		DOC	DOC	DOC	DOC	DOC	DOC	DOC	DOC	DOC	DOC	DOC	DOC	DOC	DOC
		SNUT	SNUT		SNUT		SNUT		SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT
													MOP	MOP	MOP	MOP	MOP	MOP	MOP	MOP	MOP	MOP
												Pigm	Pigm	Pigm	Pigm	Pigm	Pigm	Pigm	Pigm	Pigm	Pigm	Pigm
		HIAC		HIAC		HIAC		HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC
1016		2003	2002	1507	1500	1006	997	806	798	605	501	402	303	205	118	99	81	63	52	41	23	6
Jour		DCO2		DCO2		DCO2		DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2
																			DMS	DMS	DMS	DMS
		PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl
		DOC	DOC		DOC		DOC		DOC	DOC	DOC	DOC	DOC	DOC	DOC	DOC	DOC	DOC	DOC	DOC	DOC	DOC
		SNUT	SNUT		SNUT		SNUT		SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT
													MOP	MOP	MOP	MOP	MOP	MOP	MOP	MOP	MOP	MOP
												Pigm	Pigm	Pigm	Pigm	Pigm	Pigm	Pigm	Pigm	Pigm	Pigm	Pigm
		HIAC		HIAC		HIAC		HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC
1017		1996	1500	1000	799	599	499	400	300	201	149	101	80	62	51	51	41	41	21	20	5	5
Nuit		DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2		DCO2	DCO2	DCO2		DCO2	
																	DMS	DMS	DMS		DMS	
		PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl		PHAl	PHAl	PHAl		PHAl	
		DOC	DOC	DOC	DOC	DOC	DOC	DOC	DOC	DOC	DOC	DOC	DOC	DOC	DOC	DOC		DOC		DOC		DOC
		SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT		SNUT		SNUT		SNUT
													MOD	MOD	MOD	MOD		MOD		MOD		MOD
										MOP	MOP	MOP	MOP	MOP	MOP	MOP		MOP		MOP		MOP
															Pigm			Pigm	Pigm	Pigm		
		HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC			HIAC	HIAC	HIAC		HIAC
													Pprm	Pprm	Pprm	Pprm			Pprm		Pprm	
																						Phyt
1018		2000	1495	999	800	600	500	399	299	199	149	102	79	61	51	52	42	42	20	20	5	5
Nuit		DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2		DCO2	DCO2	DCO2		DCO2	
																	DMS	DMS	DMS		DMS	
		PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl		PHAl	PHAl	PHAl		PHAl	
		DOC	DOC	DOC	DOC	DOC	DOC	DOC	DOC	DOC	DOC	DOC	DOC	DOC	DOC	DOC		DOC		DOC		DOC
		SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT		SNUT		SNUT		SNUT

													MOD	MOD	MOD	MOD		MOD		MOD		MOD
										MOP	MOP	MOP	MOP	MOP	MOP	MOP		MOP		MOP		MOP
															Pigm			Pigm	Pigm	Pigm		Pigm	
		HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC			HIAC	HIAC	HIAC		HIAC	
													Pprm	Pprm	Pprm	Pprm			Pprm				Pprm
																							Phyt
1019		2001	2000	1503	1496	1003	997	808	800	604	502	403	302	203	153	101	83	62	51	41	22	8	
Jour		DCO2		DCO2		DCO2		DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	
																			DMS	DMS	DMS	DMS	
		PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	
		DOC	DOC		DOC		DOC		DOC	DOC	DOC	DOC	DOC	DOC	DOC	DOC	DOC	DOC	DOC	DOC	DOC	DOC	
		SNUT	SNUT		SNUT		SNUT		SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	
													MOP	MOP	MOP	MOP	MOP	MOP	MOP	MOP	MOP	MOP	
												Pigm	Pigm	Pigm	Pigm	Pigm	Pigm	Pigm	Pigm	Pigm	Pigm	Pigm	
		HIAC		HIAC		HIAC		HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	
1020		2003	2001	1505	1498	1008	1000	799	792	616	481	405	306	204	156	99	85	65	57	46	27	2	
Jour		DCO2		DCO2		DCO2		DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	
																			DMS	DMS	DMS	DMS	
		PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	
		DOC	DOC		DOC		DOC		DOC	DOC	DOC	DOC	DOC	DOC	DOC	DOC	DOC	DOC	DOC	DOC	DOC	DOC	
		SNUT	SNUT		SNUT		SNUT		SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	
													MOP	MOP	MOP	MOP	MOP	MOP	MOP	MOP	MOP	MOP	
												Pigm	Pigm	Pigm	Pigm	Pigm	Pigm	Pigm	Pigm	Pigm	Pigm	Pigm	
		HIAC		HIAC		HIAC		HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	
1021		2000	1503	1002	802	604	503	403	300	201	153	101	84	63	50	47	42	40	24	22	9	8	
Nuit		DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2		DCO2	DCO2	DCO2		DCO2		
																	DMS	DMS	DMS		DMS		
		PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl		PHAl	PHAl	PHAl		PHAl		
		DOC	DOC	DOC	DOC	DOC	DOC	DOC	DOC	DOC	DOC	DOC	DOC	DOC	DOC	DOC		DOC		DOC		DOC	
		SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT		SNUT		SNUT		SNUT	
													MOD	MOD	MOD	MOD		MOD		MOD		MOD	
										MOP	MOP	MOP	MOP	MOP	MOP	MOP		MOP		MOP		MOP	
															Pigm		Pigm	Pigm	Pigm		Pigm		
		HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC		HIAC	HIAC	HIAC		HIAC		
													Pprm	Pprm	Pprm	Pprm		Pprm		Pprm			Pprm
																							Phyt
1022		2001	1499	997	799	599	501	402	300	196	143	100	80	60	53	51	39	40	20	19	6	3	
Nuit		DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2		DCO2	DCO2	DCO2		DCO2		
																	DMS	DMS	DMS		DMS		
		PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl		PHAl	PHAl	PHAl		PHAl		

	DOC SNUT HIAC	DOC SNUT HIAC	DOC SNUT HIAC	DOC SNUT HIAC	DOC SNUT HIAC	DOC SNUT HIAC	DOC SNUT HIAC	DOC SNUT HIAC	DOC SNUT MOP HIAC	DOC SNUT MOP HIAC	DOC SNUT MOP HIAC	DOC SNUT MOD MOP HIAC Pprm	DOC SNUT MOD MOP HIAC Pprm	DOC SNUT MOD MOP Pigm HIAC	DOC SNUT MOD MOP Pprm		DOC SNUT MOD MOP Pigm HIAC Pprm		DOC SNUT MOD MOP Pprm		DOC SNUT MOD MOP Pprm Phyt
1023 Jour	2001 DCO2 PHAl DOC SNUT HIAC	2000 PHAl DOC SNUT HIAC	1505 DCO2 PHAl HIAC	1500 PHAl DOC SNUT HIAC	1005 DCO2 PHAl DOC SNUT HIAC	1002 PHAl DOC SNUT HIAC	805 DCO2 PHAl HIAC	800 DCO2 PHAl DOC SNUT HIAC	602 DCO2 PHAl DOC SNUT HIAC	505 DCO2 PHAl DOC SNUT HIAC	400 DCO2 PHAl DOC SNUT Pigm HIAC	302 DCO2 PHAl DOC SNUT MOP Pigm HIAC	202 DCO2 PHAl DOC SNUT MOP Pigm HIAC	152 DCO2 PHAl DOC SNUT MOP Pigm HIAC	102 DCO2 PHAl DOC SNUT MOP Pigm HIAC	84 DCO2 PHAl DOC SNUT MOP Pigm HIAC	61 DCO2 PHAl DOC SNUT MOP Pigm HIAC	51 DCO2 DMS PHAl DOC SNUT MOP Pigm HIAC	43 DCO2 DMS PHAl DOC SNUT MOP Pigm HIAC	23 DCO2 DMS PHAl DOC SNUT MOP Pigm HIAC	8 DCO2 DMS PHAl DOC SNUT MOP Pigm HIAC
1024 Nuit	2000 DCO2 PHAl DOC SNUT HIAC	2000 DCO2 PHAl DOC SNUT HIAC	1490 DCO2 PHAl DOC SNUT HIAC	1483 DCO2 PHAl DOC SNUT HIAC	999 DCO2 PHAl DOC SNUT HIAC	993 DCO2 PHAl DOC SNUT HIAC	805 DCO2 PHAl DOC SNUT HIAC	798 DCO2 PHAl DOC SNUT HIAC	605 DCO2 PHAl DOC SNUT MOP HIAC	506 DCO2 PHAl DOC SNUT MOP HIAC	408 DCO2 PHAl DOC SNUT MOP HIAC	306 DCO2 PHAl DOC SNUT MOD MOP HIAC Pprm	202 DCO2 PHAl DOC SNUT MOD MOP HIAC Pprm	152 DCO2 PHAl DOC SNUT MOD MOP Pigm HIAC Pprm	101 DOC SNUT MOD MOP Pprm	83 DCO2 DMS PHAl DOC SNUT MOD MOP Pigm HIAC	64 DCO2 DMS PHAl DOC SNUT MOD MOP Pigm HIAC Pprm	48 DCO2 DMS PHAl DOC SNUT MOD MOP Pigm HIAC	40 DOC SNUT MOD MOP Pprm	25 DCO2 DMS PHAl DOC SNUT MOD MOP Pigm HIAC	9 DOC SNUT MOD MOP Pprm Phyt
1025 Nuit	2001 DCO2 PHAl DOC SNUT HIAC	1497 DCO2 PHAl DOC SNUT HIAC	1002 DCO2 PHAl DOC SNUT HIAC	800 DCO2 PHAl DOC SNUT HIAC	603 DCO2 PHAl DOC SNUT HIAC	497 DCO2 PHAl DOC SNUT HIAC	398 DCO2 PHAl DOC SNUT HIAC	300 DCO2 PHAl DOC SNUT HIAC	196 DCO2 PHAl DOC SNUT MOP HIAC	151 DCO2 PHAl DOC SNUT MOP HIAC	102 DCO2 PHAl DOC SNUT MOP HIAC	80 DCO2 PHAl DOC SNUT MOD MOP HIAC Pprm	61 DCO2 PHAl DOC SNUT MOD MOP HIAC Pprm	51 DCO2 PHAl DOC SNUT MOD MOP Pigm HIAC Pprm	52 DOC SNUT MOD MOP Pprm	39 DCO2 DMS PHAl DOC SNUT MOD MOP Pigm HIAC	40 DCO2 DMS PHAl DOC SNUT MOD MOP Pigm HIAC Pprm	21 DCO2 DMS PHAl DOC SNUT MOD MOP Pigm HIAC	21 DOC SNUT MOD MOP Pprm	 DCO2 DMS PHAl DOC SNUT MOD MOP Pigm HIAC	 DOC SNUT MOD MOP Pprm Phyt

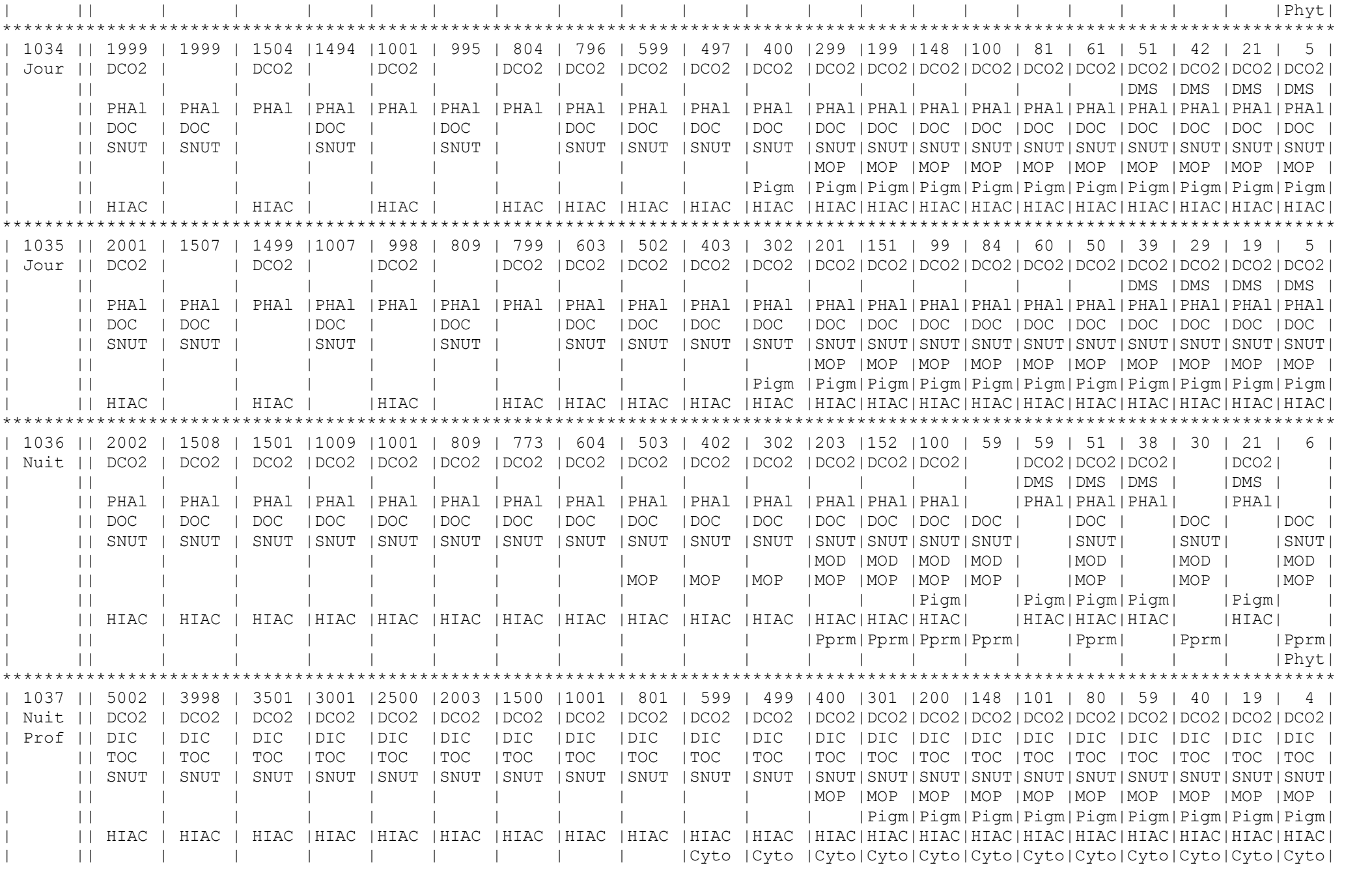
1026	2003	2002	1509	1500	1006	997	804	796	605	506	404	305	206	156	100	84	67	53	43	23	4
Jour	DCO2		DCO2		DCO2		DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DMS	DMS	DMS	DMS
	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl
	DOC	DOC		DOC		DOC		DOC	DOC	DOC	DOC	DOC	DOC	DOC	DOC	DOC	DOC	DOC	DOC	DOC	DOC
	SNUT	SNUT		SNUT		SNUT		SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT
												MOP	MOP	MOP	MOP	MOP	MOP	MOP	MOP	MOP	MOP
											Pigm	Pigm	Pigm	Pigm	Pigm	Pigm	Pigm	Pigm	Pigm	Pigm	Pigm
	HIAC		HIAC		HIAC		HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC

1027	2001	2003	1507	1499	1005	997	805	797	608	507	406	304	208	154	100	84	63	51	41	24	9
Jour	DCO2		DCO2		DCO2		DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DMS	DMS	DMS	DMS
	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl
	DOC	DOC		DOC		DOC		DOC	DOC	DOC	DOC	DOC	DOC	DOC	DOC	DOC	DOC	DOC	DOC	DOC	DOC
	SNUT	SNUT		SNUT		SNUT		SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT
												MOP	MOP	MOP	MOP	MOP	MOP	MOP	MOP	MOP	MOP
											Pigm	Pigm	Pigm	Pigm	Pigm	Pigm	Pigm	Pigm	Pigm	Pigm	Pigm
	HIAC		HIAC		HIAC		HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC

1028	2001	2002	1507	1502	1010	1003	809	802	605	504	405	304	201	152	99	80	63	53	44	23	10
Nuit	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2		DCO2	DCO2	DCO2		DCO2	
																DMS	DMS	DMS		DMS	
	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl		PHAl	PHAl	PHAl		PHAl	
	DOC	DOC	DOC	DOC	DOC	DOC	DOC	DOC	DOC	DOC	DOC	DOC	DOC	DOC	DOC		DOC		DOC		DOC
	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT		SNUT		SNUT		SNUT
												MOD	MOD	MOD	MOD		MOD		MOD		MOD
									MOP	MOP	MOP	MOP	MOP	MOP	MOP		MOP		MOP		MOP
														Pigm		Pigm	Pigm	Pigm		Pigm	
	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC		HIAC	HIAC	HIAC		HIAC	
												Pprm	Pprm	Pprm	Pprm		Pprm		Pprm		Pprm
																					Phyt

1029	2000	1499	1000	799	599	500	399	299	200	147	102	81	61	52	51	40	40	20	20	4	4
Nuit	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2		DCO2	DCO2	DCO2		DCO2	
																DMS	DMS	DMS		DMS	
	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl		PHAl	PHAl	PHAl		PHAl	
	DOC	DOC	DOC	DOC	DOC	DOC	DOC	DOC	DOC	DOC	DOC	DOC	DOC	DOC	DOC		DOC		DOC		DOC
	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT		SNUT		SNUT		SNUT
												MOD	MOD	MOD	MOD		MOD		MOD		MOD
									MOP	MOP	MOP	MOP	MOP	MOP	MOP		MOP		MOP		MOP
														Pigm		Pigm	Pigm	Pigm		Pigm	
	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC		HIAC	HIAC	HIAC		HIAC	

												Pprm	Pprm	Pprm	Pprm		Pprm		Pprm		Pprm
																					Phyt
1030	2008	2008	1805	1797	1007	998	807	798	605	504	404	307	205	156	102	85	63	53	44	23	3
Jour	DCO2		DCO2		DCO2		DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2
																		DMS	DMS	DMS	DMS
	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl
	DOC	DOC		DOC		DOC		DOC	DOC	DOC	DOC	DOC	DOC	DOC	DOC	DOC	DOC	DOC	DOC	DOC	DOC
	SNUT	SNUT		SNUT		SNUT		SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT
												MOP	MOP	MOP	MOP	MOP	MOP	MOP	MOP	MOP	MOP
											Pigm	Pigm	Pigm	Pigm	Pigm	Pigm	Pigm	Pigm	Pigm	Pigm	Pigm
	HIAC		HIAC		HIAC		HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC
1031	2001	2001	1507	1501	1007	1003	807	801	606	507	405	303	203	151	99	85	63	53	43	24	8
Jour	DCO2		DCO2		DCO2		DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2
																		DMS	DMS	DMS	DMS
	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl
	DOC	DOC		DOC		DOC		DOC	DOC	DOC	DOC	DOC	DOC	DOC	DOC	DOC	DOC	DOC	DOC	DOC	DOC
	SNUT	SNUT		SNUT		SNUT		SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT
												MOP	MOP	MOP	MOP	MOP	MOP	MOP	MOP	MOP	MOP
											Pigm	Pigm	Pigm	Pigm	Pigm	Pigm	Pigm	Pigm	Pigm	Pigm	Pigm
	HIAC		HIAC		HIAC		HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC
1032	4450	4001	3499	3003	2499	2001	1498	1000	800	601	500	400	299	198	150	100	80	60	41	20	6
Nuit	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2
Prof	DIC	DIC	DIC	DIC	DIC	DIC	DIC	DIC	DIC	DIC	DIC	DIC	DIC	DIC	DIC	DIC	DIC	DIC	DIC	DIC	DIC
	TOC	TOC	TOC	TOC	TOC	TOC	TOC	TOC	TOC	TOC	TOC	TOC	TOC	TOC	TOC	TOC	TOC	TOC	TOC	TOC	TOC
	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT
												MOP	MOP	MOP	MOP	MOP	MOP	MOP	MOP	MOP	MOP
													Pigm	Pigm	Pigm	Pigm	Pigm	Pigm	Pigm	Pigm	Pigm
	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC
											Cyto	Cyto	Cyto	Cyto	Cyto	Cyto	Cyto	Cyto	Cyto	Cyto	Cyto
1033	1999	1500	998	800	599	498	397	299	197	148	101	81	61	51	51	40	40	19	20	5	5
Nuit	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2		DCO2	DCO2	DCO2		DCO2	
																DMS	DMS	DMS		DMS	
	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl		PHAl	PHAl	PHAl		PHAl	
	DOC	DOC	DOC	DOC	DOC	DOC	DOC	DOC	DOC	DOC	DOC	DOC	DOC	DOC	DOC		DOC		DOC		DOC
	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT		SNUT		SNUT		SNUT
												MOD	MOD	MOD	MOD		MOD		MOD		MOD
									MOP	MOP	MOP	MOP	MOP	MOP	MOP		MOP		MOP		MOP
														Pigm		Pigm	Pigm	Pigm		Pigm	
	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC		HIAC	HIAC	HIAC		HIAC	
												Pprm	Pprm	Pprm	Pprm		Pprm		Pprm		Pprm



1038	2000	1501	1497	1003	999	803	799	599	501	399	299	198	150	101	82	59	49	41	30	20	5
Jour	DCO2		DCO2		DCO2		DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DMS	DMS	DMS	DMS
	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl
	DOC	DOC		DOC		DOC		DOC	DOC	DOC	DOC	DOC	DOC	DOC	DOC	DOC	DOC	DOC	DOC	DOC	DOC
	SNUT	SNUT		SNUT		SNUT		SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT
												MOP	MOP	MOP	MOP	MOP	MOP	MOP	MOP	MOP	MOP
											Pigm	Pigm	Pigm	Pigm	Pigm	Pigm	Pigm	Pigm	Pigm	Pigm	Pigm
	HIAC		HIAC		HIAC		HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC

1039	1996	1508	1502	1007	1002	807	801	604	505	402	303	201	150	100	80	59	50	41	29	20	6
Jour	DCO2		DCO2		DCO2		DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DMS	DMS	DMS	DMS
	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl
	DOC	DOC		DOC		DOC		DOC	DOC	DOC	DOC	DOC	DOC	DOC	DOC	DOC	DOC	DOC	DOC	DOC	DOC
	SNUT	SNUT		SNUT		SNUT		SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT
												MOP	MOP	MOP	MOP	MOP	MOP	MOP	MOP	MOP	MOP
											Pigm	Pigm	Pigm	Pigm	Pigm	Pigm	Pigm	Pigm	Pigm	Pigm	Pigm
	HIAC		HIAC		HIAC		HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC

1040	2001	1505	1500	1009	1001	808	802	601	502	403	301	201	153	101	80	60	50	41	30	19	6
Nuit	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2		DCO2	DCO2	DCO2		DCO2	
																DMS	DMS	DMS		DMS	
	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl		PHAl	PHAl	PHAl		PHAl	
	DOC	DOC	DOC	DOC	DOC	DOC	DOC	DOC	DOC	DOC	DOC	DOC	DOC	DOC	DOC		DOC		DOC		DOC
	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT		SNUT		SNUT		SNUT
												MOD	MOD	MOD	MOD		MOD		MOD		MOD
									MOP	MOP	MOP	MOP	MOP	MOP	MOP		MOP		MOP		MOP
														Pigm		Pigm	Pigm	Pigm		Pigm	
	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC		HIAC	HIAC	HIAC		HIAC	
												Pprm	Pprm	Pprm	Pprm		Pprm		Pprm		Pprm
																					Phyt

1041	1998	1498	1000	801	600	500	399	299	199	150	99	81	61	50	40	40	30	20	19	7	6
Nuit	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2		DCO2	DCO2	DCO2		DCO2	
																DMS	DMS	DMS		DMS	
	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl		PHAl	PHAl	PHAl		PHAl	
	DOC	DOC	DOC	DOC	DOC	DOC	DOC	DOC	DOC	DOC	DOC	DOC	DOC	DOC	DOC		DOC		DOC		DOC
	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT		SNUT		SNUT		SNUT
												MOD	MOD	MOD	MOD		MOD		MOD		MOD
									MOP	MOP	MOP	MOP	MOP	MOP	MOP		MOP		MOP		MOP
														Pigm		Pigm	Pigm	Pigm		Pigm	
	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC		HIAC	HIAC	HIAC		HIAC	

												Pprm	Pprm	Pprm	Pprm		Pprm		Pprm		Pprm
																					Phyt
1042	2003	1512	1503	1011	1003	807	799	605	504	405	304	205	154	101	84	63	54	43	34	23	3
Jour	DCO2		DCO2		DCO2		DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2
																		DMS	DMS	DMS	DMS
	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl
	DOC	DOC		DOC		DOC		DOC	DOC	DOC	DOC	DOC	DOC	DOC	DOC	DOC	DOC	DOC	DOC	DOC	DOC
	SNUT	SNUT		SNUT		SNUT		SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT
												MOP	MOP	MOP	MOP	MOP	MOP	MOP	MOP	MOP	MOP
											Pigm	Pigm	Pigm	Pigm	Pigm	Pigm	Pigm	Pigm	Pigm	Pigm	Pigm
	HIAC		HIAC		HIAC		HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC
1043	2004	1508	1499	1005	999	806	800	605	504	406	303	208	156	109	86	68	56	46	36	26	10
Jour	DCO2		DCO2		DCO2		DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2
																		DMS	DMS	DMS	DMS
	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl
	DOC	DOC		DOC		DOC		DOC	DOC	DOC	DOC	DOC	DOC	DOC	DOC	DOC	DOC	DOC	DOC	DOC	DOC
	SNUT	SNUT		SNUT		SNUT		SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT
												MOP	MOP	MOP	MOP	MOP	MOP	MOP	MOP	MOP	MOP
											Pigm	Pigm	Pigm	Pigm	Pigm	Pigm	Pigm	Pigm	Pigm	Pigm	Pigm
	HIAC		HIAC		HIAC		HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC
1044	2002	1505	1499	1007	999	806	798	604	505	402	303	202	153	101	81	59	50	38	30	21	5
Jour	DCO2		DCO2		DCO2		DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2
																		DMS	DMS	DMS	DMS
	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl
	DOC	DOC		DOC		DOC		DOC	DOC	DOC	DOC	DOC	DOC	DOC	DOC	DOC	DOC	DOC	DOC	DOC	DOC
	SNUT	SNUT		SNUT		SNUT		SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT
												MOP	MOP	MOP	MOP	MOP	MOP	MOP	MOP	MOP	MOP
											Pigm	Pigm	Pigm	Pigm	Pigm	Pigm	Pigm	Pigm	Pigm	Pigm	Pigm
	HIAC		HIAC		HIAC		HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC
1045	4302	4001	3501	3000	2500	2000	1500	1000	800	600	500	401	301	200	149	100	81	60	40	20	6
Nuit	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2
Prof	DIC	DIC	DIC	DIC	DIC	DIC	DIC	DIC	DIC	DIC	DIC	DIC	DIC	DIC	DIC	DIC	DIC	DIC	DIC	DIC	DIC
	TOC	TOC	TOC	TOC	TOC	TOC	TOC	TOC	TOC	TOC	TOC	TOC	TOC	TOC	TOC	TOC	TOC	TOC	TOC	TOC	TOC
	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT
												MOP	MOP	MOP	MOP	MOP	MOP	MOP	MOP	MOP	MOP
													Pigm	Pigm	Pigm	Pigm	Pigm	Pigm	Pigm	Pigm	Pigm
	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC
											Cyto	Cyto	Cyto	Cyto	Cyto	Cyto	Cyto	Cyto	Cyto	Cyto	Cyto
1046	2001	1501	1495	1002	998	801	799	600	500	400	299	199	150	100	81	60	50	40	29	20	6

Nuit	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2
															DMS	DMS	DMS		DMS	
	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl		PHAl	
	DOC	DOC	DOC	DOC	DOC	DOC	DOC	DOC	DOC	DOC	DOC	DOC	DOC	DOC		DOC		DOC		DOC
	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT		SNUT		SNUT		SNUT
												MOD	MOD	MOD	MOD		MOD		MOD	
									MOP	MOP	MOP	MOP	MOP	MOP	MOP		MOP		MOP	
														Pigm		Pigm	Pigm	Pigm		Pigm
	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC		HIAC	HIAC	HIAC		HIAC
												Pprm	Pprm	Pprm	Pprm		Pprm		Pprm	
																				Phyt
1047 Jour	2001	1507	1500	1008	1002	807	800	603	504	404	303	203	154	100	81	60	50	40	30	20	6
	DCO2		DCO2		DCO2		DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2
																		DMS	DMS	DMS	DMS
	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl
	DOC	DOC		DOC		DOC		DOC	DOC	DOC	DOC	DOC	DOC	DOC	DOC	DOC	DOC	DOC	DOC	DOC	DOC
	SNUT	SNUT		SNUT		SNUT		SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT
												MOP	MOP	MOP	MOP	MOP	MOP	MOP	MOP	MOP	MOP
											Pigm	Pigm	Pigm	Pigm	Pigm	Pigm	Pigm	Pigm	Pigm	Pigm	Pigm
	HIAC		HIAC		HIAC		HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC
1048 Nuit	2001	1509	1503	1008	1001	805	798	603	503	404	304	203	154	100	80	58	51	40	30	20	5
	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2		DCO2	DCO2	DCO2		DCO2	
																DMS	DMS	DMS		DMS	
	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl		PHAl	PHAl	PHAl		PHAl	
	DOC	DOC	DOC	DOC	DOC	DOC	DOC	DOC	DOC	DOC	DOC	DOC	DOC	DOC	DOC		DOC		DOC		DOC
	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT		SNUT		SNUT		SNUT
												MOD	MOD	MOD	MOD		MOD		MOD		MOD
									MOP	MOP	MOP	MOP	MOP	MOP	MOP		MOP		MOP		MOP
														Pigm		Pigm	Pigm	Pigm		Pigm	
	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC		HIAC	HIAC	HIAC		HIAC	
												Pprm	Pprm	Pprm	Pprm		Pprm		Pprm		Pprm
																					Phyt
1049 Nuit	2003	1498	1001	800	600	501	400	301	200	151	100	80	61	51	40	40	30	20	21	6	5
	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2		DCO2	DCO2	DCO2		DCO2	
																DMS	DMS	DMS		DMS	
	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl		PHAl	PHAl	PHAl		PHAl	
	DOC	DOC	DOC	DOC	DOC	DOC	DOC	DOC	DOC	DOC	DOC	DOC	DOC	DOC	DOC		DOC		DOC		DOC
	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT		SNUT		SNUT		SNUT
												MOD	MOD	MOD	MOD		MOD		MOD		MOD
									MOP	MOP	MOP	MOP	MOP	MOP	MOP		MOP		MOP		MOP
														Pigm		Pigm	Pigm	Pigm		Pigm	

	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC		HIAC	HIAC	HIAC		HIAC		
												Pprm	Pprm	Pprm	Pprm		Pprm		Pprm		Pprm	
																					Phyt	
1050 Nuit	2000 DCO2 PHAl DOC SNUT	1500 DCO2 PHAl DOC SNUT	1000 DCO2 PHAl DOC SNUT	800 DCO2 PHAl DOC SNUT	600 DCO2 PHAl DOC SNUT	499 DCO2 PHAl DOC SNUT	399 DCO2 PHAl DOC SNUT	299 DCO2 PHAl DOC SNUT	201 DCO2 PHAl DOC SNUT MOP	148 DCO2 PHAl DOC SNUT MOP	101 DCO2 PHAl DOC SNUT MOP	80 DCO2 PHAl DOC SNUT MOD MOP	59 DCO2 PHAl DOC SNUT MOD MOP	50 DCO2 PHAl DOC SNUT MOD MOP Pigm	40 DOC SNUT MOD MOP	40 DCO2 DMS PHAl DOC SNUT MOD MOP Pigm HIAC	30 DCO2 DMS PHAl DOC SNUT MOD MOP Pigm HIAC	20 DCO2 DMS PHAl DOC SNUT MOD MOP Pigm HIAC	20 DOC SNUT MOD MOP	4 DCO2 DMS PHAl DOC SNUT MOD MOP Pigm HIAC	5 DOC SNUT MOD MOP
1051 Jour Prof	5015 DCO2 DIC TOC SNUT HIAC	4006 DCO2 DIC TOC SNUT HIAC	3504 DCO2 DIC TOC SNUT HIAC	3006 DCO2 DIC TOC SNUT HIAC	2502 DCO2 DIC TOC SNUT HIAC	2000 DCO2 DIC TOC SNUT HIAC	1503 DCO2 DIC TOC SNUT HIAC	1006 DCO2 DIC TOC SNUT HIAC	804 DCO2 DIC TOC SNUT HIAC	602 DCO2 DIC TOC SNUT HIAC	502 DCO2 DIC TOC SNUT HIAC	402 DCO2 DIC TOC SNUT MOP HIAC Cyto	304 DCO2 DIC TOC SNUT MOP Pigm HIAC Cyto	202 DCO2 DIC TOC SNUT MOP Pigm HIAC Cyto	150 DCO2 DIC TOC SNUT MOP Pigm HIAC Cyto	99 DCO2 DIC TOC SNUT MOP Pigm HIAC Cyto	81 DCO2 DIC TOC SNUT MOP Pigm HIAC Cyto	61 DCO2 DIC TOC SNUT MOP Pigm HIAC Cyto	40 DCO2 DIC TOC SNUT MOP Pigm HIAC Cyto	20 DCO2 DIC TOC SNUT MOP Pigm HIAC Cyto	DCO2 DIC TOC SNUT MOP Pigm HIAC Cyto
1052 Jour	2001 DCO2 PHAl DOC SNUT HIAC	1506 PHAl	1498 DCO2 PHAl HIAC	1006 PHAl DOC SNUT	998 DCO2 PHAl HIAC	801 PHAl	793 DCO2 PHAl HIAC	606 DCO2 PHAl DOC SNUT HIAC	506 DCO2 PHAl DOC SNUT HIAC	405 DCO2 PHAl DOC SNUT HIAC	306 DCO2 PHAl DOC SNUT Pigm HIAC	208 DCO2 PHAl DOC SNUT MOP Pigm HIAC	156 DCO2 PHAl DOC SNUT MOP Pigm HIAC	101 DCO2 PHAl DOC SNUT MOP Pigm HIAC	83 DCO2 PHAl DOC SNUT MOP Pigm HIAC	65 DCO2 PHAl DOC SNUT MOP Pigm HIAC	56 DCO2 DMS PHAl DOC SNUT MOP Pigm HIAC	46 DCO2 DMS PHAl DOC SNUT MOP Pigm HIAC	36 DCO2 DMS PHAl DOC SNUT MOP Pigm HIAC	25 DCO2 DMS PHAl DOC SNUT MOP Pigm HIAC	5 DCO2 DMS PHAl DOC SNUT MOP Pigm HIAC
1053 Nuit	2000 DCO2 PHAl DOC SNUT	1504 DCO2 PHAl DOC SNUT	1001 DCO2 PHAl DOC SNUT	802 DCO2 PHAl DOC SNUT	604 DCO2 PHAl DOC SNUT	503 DCO2 PHAl DOC SNUT	403 DCO2 PHAl DOC SNUT	302 DCO2 PHAl DOC SNUT	203 DCO2 PHAl DOC SNUT	150 DCO2 PHAl DOC SNUT	99 DCO2 PHAl DOC SNUT MOD	80 DCO2 PHAl DOC SNUT MOD	59 DCO2 PHAl DOC SNUT MOD	50 DCO2 PHAl DOC SNUT MOD	40 DOC SNUT MOD	40 DCO2 DMS PHAl DOC SNUT MOD	30 DCO2 DMS PHAl DOC SNUT MOD	20 DCO2 DMS PHAl DOC SNUT MOD	20 DOC SNUT MOD	5 DCO2 DMS PHAl DOC SNUT MOD	5 DOC SNUT MOD

										MOP	MOP	MOP	MOP	MOP	MOP	MOP		MOP		MOP		MOP	
															Pigm			Pigm	Pigm	Pigm		Pigm	
		HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC			HIAC	HIAC	HIAC		HIAC	
													Pprm	Pprm	Pprm	Pprm			Pprm				Pprm
																							Phyt
1054		2001	1501	1000	800	600	500	401	300	200	150	100	82	61	49	41	41	30	20	20	5	5	
Nuit		DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2		DCO2	DCO2	DCO2		DCO2		
																	DMS	DMS	DMS		DMS		
		PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl		PHAl	PHAl	PHAl		PHAl		
		DOC	DOC	DOC	DOC	DOC	DOC	DOC	DOC	DOC	DOC	DOC	DOC	DOC	DOC	DOC		DOC		DOC		DOC	
		SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT		SNUT		SNUT		SNUT	
													MOD	MOD	MOD	MOD		MOD		MOD		MOD	
										MOP	MOP	MOP	MOP	MOP	MOP	MOP		MOP		MOP		MOP	
															Pigm			Pigm	Pigm	Pigm		Pigm	
		HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC			HIAC	HIAC	HIAC		HIAC	
													Pprm	Pprm	Pprm	Pprm			Pprm				Pprm
																							Phyt
1055		2000	1508	1500	1007	1000	808	801	605	503	402	303	203	153	100	79	60	50	41	30	20	5	
Jour		DCO2		DCO2		DCO2		DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	
																			DMS	DMS	DMS	DMS	
		PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	
		DOC	DOC		DOC		DOC		DOC	DOC	DOC	DOC	DOC	DOC	DOC	DOC	DOC	DOC	DOC	DOC	DOC	DOC	
		SNUT	SNUT		SNUT		SNUT		SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	
													MOP	MOP	MOP	MOP	MOP	MOP	MOP	MOP	MOP	MOP	
												Pigm	Pigm	Pigm	Pigm	Pigm	Pigm	Pigm	Pigm	Pigm	Pigm	Pigm	
		HIAC		HIAC		HIAC		HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	
1056		2001	1507	1499	1007	1000	806	799	606	506	406	306	206	156	106	85	62	55	45	34	24	3	
Jour		DCO2		DCO2		DCO2		DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	
																			DMS	DMS	DMS	DMS	
		PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	
		DOC	DOC		DOC		DOC		DOC	DOC	DOC	DOC	DOC	DOC	DOC	DOC	DOC	DOC	DOC	DOC	DOC	DOC	
		SNUT	SNUT		SNUT		SNUT		SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	
													MOP	MOP	MOP	MOP	MOP	MOP	MOP	MOP	MOP	MOP	
												Pigm	Pigm	Pigm	Pigm	Pigm	Pigm	Pigm	Pigm	Pigm	Pigm	Pigm	
		HIAC		HIAC		HIAC		HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	
1057		2001	1507	1500	1008	1001	807	798	603	503	402	300	203	152	100	78	60	50	39	30	19	4	
Nuit		DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2		DCO2	DCO2	DCO2		DCO2		
																	DMS	DMS	DMS		DMS		
		PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl		PHAl	PHAl	PHAl		PHAl		
		DOC	DOC	DOC	DOC	DOC	DOC	DOC	DOC	DOC	DOC	DOC	DOC	DOC	DOC	DOC		DOC		DOC		DOC	

	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT		SNUT		SNUT		SNUT
												MOD	MOD	MOD	MOD			MOD		MOD		MOD
									MOP	MOP	MOP	MOP	MOP	MOP	MOP			MOP		MOP		MOP
														Pigm			Pigm	Pigm	Pigm		Pigm	
	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC			HIAC	HIAC	HIAC		HIAC	
												Pprm	Pprm	Pprm	Pprm			Pprm		Pprm		Pprm
																						Phyt
1058	2000	1501	999	799	599	499	400	301	200	150	100	81	60	51	41	40	31	20	20	6	5	
Nuit	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2		DCO2	DCO2	DCO2		DCO2		
																DMS	DMS	DMS		DMS		
	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl		PHAl	PHAl	PHAl		PHAl		
	DOC	DOC	DOC	DOC	DOC	DOC	DOC	DOC	DOC	DOC	DOC	DOC	DOC	DOC	DOC		DOC		DOC		DOC	
	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT		SNUT		SNUT		SNUT	
												MOD	MOD	MOD	MOD		MOD		MOD		MOD	
									MOP	MOP	MOP	MOP	MOP	MOP	MOP		MOP		MOP		MOP	
														Pigm			Pigm	Pigm	Pigm		Pigm	
	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC			HIAC	HIAC	HIAC		HIAC	
												Pprm	Pprm	Pprm	Pprm			Pprm		Pprm		Pprm
																						Phyt
1059	2001	1502	1499	1002	998	802	800	600	500	400	299	201	149	101	80	61	50	41	30	20	5	
Jour	DCO2		DCO2		DCO2		DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	
																		DMS	DMS	DMS	DMS	
	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	
	DOC	DOC		DOC		DOC		DOC	DOC	DOC	DOC	DOC	DOC	DOC	DOC	DOC	DOC	DOC	DOC	DOC	DOC	
	SNUT	SNUT		SNUT		SNUT		SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	
												MOP	MOP	MOP	MOP	MOP	MOP	MOP	MOP	MOP	MOP	
											Pigm	Pigm	Pigm	Pigm	Pigm	Pigm	Pigm	Pigm	Pigm	Pigm	Pigm	
	HIAC		HIAC		HIAC		HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	
1060	2003	1503	1496	1006	1001	807	801	603	502	402	303	203	154	100	80	60	50	41	30	21	6	
Jour	DCO2		DCO2		DCO2		DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	
																		DMS	DMS	DMS	DMS	
	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	
	DOC	DOC		DOC		DOC		DOC	DOC	DOC	DOC	DOC	DOC	DOC	DOC	DOC	DOC	DOC	DOC	DOC	DOC	
	SNUT	SNUT		SNUT		SNUT		SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	
												MOP	MOP	MOP	MOP	MOP	MOP	MOP	MOP	MOP	MOP	
											Pigm	Pigm	Pigm	Pigm	Pigm	Pigm	Pigm	Pigm	Pigm	Pigm	Pigm	
	HIAC		HIAC		HIAC		HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	
1061	2003	1554	1548	1008	1001	806	799	606	506	406	305	205	155	101	81	63	55	46	34	24	5	
Jour	DCO2		DCO2		DCO2		DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	
																		DMS	DMS	DMS	DMS	

	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl
	DOC	DOC		DOC		DOC		DOC	DOC	DOC	DOC	DOC	DOC	DOC	DOC	DOC	DOC	DOC	DOC	DOC	DOC	DOC
	SNUT	SNUT		SNUT		SNUT		SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT
												MOP	MOP	MOP	MOP	MOP	MOP	MOP	MOP	MOP	MOP	MOP
											Pigm	Pigm	Pigm	Pigm	Pigm	Pigm	Pigm	Pigm	Pigm	Pigm	Pigm	Pigm
	HIAC		HIAC		HIAC		HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC
1062	2004	1503	1003	804	504	486	403	302	202	152	100	80	58	50	39	39	30	20	20	5	6	
Nuit	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2		DCO2	DCO2	DCO2		DCO2		
																DMS	DMS	DMS		DMS		
	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl		PHAl	PHAl	PHAl		PHAl		
	DOC	DOC	DOC	DOC	DOC	DOC	DOC	DOC	DOC	DOC	DOC	DOC	DOC	DOC	DOC		DOC		DOC		DOC	
	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT		SNUT		SNUT		SNUT	
												MOD	MOD	MOD	MOD		MOD		MOD		MOD	
									MOP	MOP	MOP	MOP	MOP	MOP	MOP		MOP		MOP		MOP	
														Pigm		Pigm	Pigm	Pigm		Pigm		
	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC		HIAC	HIAC	HIAC		HIAC		
												Pprm	Pprm	Pprm	Pprm		Pprm		Pprm		Pprm	
																					Phyt	
1063	1998	1501	999	801	600	500	401	300	201	150	101	81	60	51	41	41	31	20	20	5	5	
Nuit	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2		DCO2	DCO2	DCO2		DCO2		
																DMS	DMS	DMS		DMS		
	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl		PHAl	PHAl	PHAl		PHAl		
	DOC	DOC	DOC	DOC	DOC	DOC	DOC	DOC	DOC	DOC	DOC	DOC	DOC	DOC	DOC		DOC		DOC		DOC	
	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT		SNUT		SNUT		SNUT	
												MOD	MOD	MOD	MOD		MOD		MOD		MOD	
									MOP	MOP	MOP	MOP	MOP	MOP	MOP		MOP		MOP		MOP	
														Pigm		Pigm	Pigm	Pigm		Pigm		
	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC		HIAC	HIAC	HIAC		HIAC		
												Pprm	Pprm	Pprm	Pprm		Pprm		Pprm		Pprm	
																					Phyt	
1064	2002	1502	1498	1002	997	800	796	599	499	400	300	200	150	100	81	61	51	40	30	20	6	
Jour	DCO2		DCO2		DCO2		DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	
																		DMS	DMS	DMS	DMS	
	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	
	DOC	DOC		DOC		DOC		DOC	DOC	DOC	DOC	DOC	DOC	DOC	DOC	DOC	DOC	DOC	DOC	DOC	DOC	
	SNUT	SNUT		SNUT		SNUT		SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	
												MOP	MOP	MOP	MOP	MOP	MOP	MOP	MOP	MOP	MOP	
												Pigm	Pigm	Pigm	Pigm	Pigm	Pigm	Pigm	Pigm	Pigm	Pigm	
	HIAC		HIAC		HIAC		HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	
1065	2003	1506	1498	1007	1000	809	802	604	504	402	300	203	153	100	81	60	50	41	29	20	5	

Jour	DCO2		DCO2		DCO2		DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2
																	DMS	DMS	DMS	DMS
	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl
	DOC	DOC		DOC		DOC		DOC	DOC	DOC	DOC	DOC	DOC	DOC	DOC	DOC	DOC	DOC	DOC	DOC
	SNUT	SNUT		SNUT		SNUT		SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT
												MOP	MOP	MOP	MOP	MOP	MOP	MOP	MOP	MOP
											Pigm	Pigm	Pigm	Pigm	Pigm	Pigm	Pigm	Pigm	Pigm	Pigm
	HIAC		HIAC		HIAC		HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC
1066 Jour	2005 DCO2	1505	1498 DCO2	1007	999 DCO2	807	800 DCO2	607 DCO2	506 DCO2	406 DCO2	306 DCO2	205 DCO2	155 DCO2	100 DCO2	84 DCO2	66 DCO2	54 DCO2	43 DCO2	36 DCO2	23 DCO2	5 DCO2
																		DMS	DMS	DMS	DMS
	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl
	DOC	DOC		DOC		DOC		DOC	DOC	DOC	DOC	DOC	DOC	DOC	DOC	DOC	DOC	DOC	DOC	DOC	DOC
	SNUT	SNUT		SNUT		SNUT		SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT
												MOP	MOP	MOP	MOP	MOP	MOP	MOP	MOP	MOP	MOP
											Pigm	Pigm	Pigm	Pigm	Pigm	Pigm	Pigm	Pigm	Pigm	Pigm	Pigm
	HIAC		HIAC		HIAC		HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC
1067 Nuit	1994 DCO2	1504 DCO2	1003 DCO2	804 DCO2	604 DCO2	498 DCO2	403 DCO2	303 DCO2	203 DCO2	153 DCO2	100 DCO2	79 DCO2	59 DCO2	48 DCO2	40	40 DCO2	29 DCO2	19 DCO2	19	5 DCO2	5
																DMS	DMS	DMS		DMS	
	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl		PHAl	PHAl	PHAl		PHAl	
	DOC	DOC	DOC	DOC	DOC	DOC	DOC	DOC	DOC	DOC	DOC	DOC	DOC	DOC	DOC		DOC		DOC		DOC
	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT		SNUT		SNUT		SNUT
												MOD	MOD	MOD	MOD		MOD		MOD		MOD
									MOP	MOP	MOP	MOP	MOP	MOP	MOP		MOP		MOP		MOP
														Pigm		Pigm	Pigm	Pigm		Pigm	
	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC		HIAC	HIAC	HIAC		HIAC	
												Pprm	Pprm	Pprm	Pprm		Pprm		Pprm		Pprm
																					Phyt
1068 Nuit	2002 DCO2	1499 DCO2	1000 DCO2	800 DCO2	600 DCO2	500 DCO2	399 DCO2	300 DCO2	200 DCO2	150 DCO2	101 DCO2	80 DCO2	60 DCO2	50 DCO2	39	40 DCO2	29 DCO2	19 DCO2	19	6 DCO2	6
																DMS	DMS	DMS		DMS	
	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl		PHAl	PHAl	PHAl		PHAl	
	DOC	DOC	DOC	DOC	DOC	DOC	DOC	DOC	DOC	DOC	DOC	DOC	DOC	DOC	DOC		DOC		DOC		DOC
	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT		SNUT		SNUT		SNUT
												MOD	MOD	MOD	MOD		MOD		MOD		MOD
									MOP	MOP	MOP	MOP	MOP	MOP	MOP		MOP		MOP		MOP
														Pigm		Pigm	Pigm	Pigm		Pigm	
	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC		HIAC	HIAC	HIAC		HIAC	
												Pprm	Pprm	Pprm	Pprm		Pprm		Pprm		Pprm
																					Phyt

1069	1999	1505	1500	1008	998	807	798	606	507	406	308	207	156	101	85	62	50	42	32	19	3
Jour	DCO2		DCO2		DCO2		DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2
																		DMS	DMS	DMS	DMS
	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl
	DOC	DOC		DOC		DOC		DOC	DOC	DOC	DOC	DOC	DOC	DOC	DOC	DOC	DOC	DOC	DOC	DOC	DOC
	SNUT	SNUT		SNUT		SNUT		SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT
												MOP	MOP	MOP	MOP	MOP	MOP	MOP	MOP	MOP	MOP
											Pigm	Pigm	Pigm	Pigm	Pigm	Pigm	Pigm	Pigm	Pigm	Pigm	Pigm
	HIAC		HIAC		HIAC		HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC

1070	2000	1508	1501	1008	1000	808	801	606	505	405	305	207	157	101	83	63	54	42	34	24	5
Jour	DCO2		DCO2		DCO2		DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2
																		DMS	DMS	DMS	DMS
	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl
	DOC	DOC		DOC		DOC		DOC	DOC	DOC	DOC	DOC	DOC	DOC	DOC	DOC	DOC	DOC	DOC	DOC	DOC
	SNUT	SNUT		SNUT		SNUT		SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT
												MOP	MOP	MOP	MOP	MOP	MOP	MOP	MOP	MOP	MOP
											Pigm	Pigm	Pigm	Pigm	Pigm	Pigm	Pigm	Pigm	Pigm	Pigm	Pigm
	HIAC		HIAC		HIAC		HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC

1071	2001	1506	1498	1007	1000	807	799	595	403	391	289	206	151	100	80	61	50	40	29	21	6
Nuit	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2		DCO2	DCO2	DCO2		DCO2	
																DMS	DMS	DMS		DMS	
	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl		PHAl	PHAl	PHAl		PHAl	
	DOC	DOC	DOC	DOC	DOC	DOC	DOC	DOC	DOC	DOC	DOC	DOC	DOC	DOC	DOC		DOC		DOC		DOC
	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT		SNUT		SNUT		SNUT
												MOD	MOD	MOD	MOD		MOD		MOD		MOD
									MOP	MOP	MOP	MOP	MOP	MOP	MOP		MOP		MOP		MOP
														Pigm		Pigm	Pigm	Pigm		Pigm	
	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC		HIAC	HIAC	HIAC		HIAC	
												Pprm	Pprm	Pprm	Pprm		Pprm		Pprm		Pprm
																					Phyt

1072	2000	1500	1001	801	600	499	399	300	200	151	101	81	60	51	41	41	30	20	20	6	5
Nuit	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2		DCO2	DCO2	DCO2		DCO2	
																DMS	DMS	DMS		DMS	
	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl		PHAl	PHAl	PHAl		PHAl	
	DOC	DOC	DOC	DOC	DOC	DOC	DOC	DOC	DOC	DOC	DOC	DOC	DOC	DOC	DOC		DOC		DOC		DOC
	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT		SNUT		SNUT		SNUT
												MOD	MOD	MOD	MOD		MOD		MOD		MOD
									MOP	MOP	MOP	MOP	MOP	MOP	MOP		MOP		MOP		MOP
														Pigm		Pigm	Pigm	Pigm		Pigm	
	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC		HIAC	HIAC	HIAC		HIAC	

												Pprm	Pprm	Pprm	Pprm		Pprm		Pprm		Pprm
																					Phyt
1073	2000	1498	1001	800	600	500	400	301	199	150	100	80	60	50	40	40	31	20	20	6	5
Nuit	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2		DCO2	DCO2	DCO2		DCO2	
																DMS	DMS	DMS		DMS	
	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl		PHAl	PHAl	PHAl		PHAl	
	DOC	DOC	DOC	DOC	DOC	DOC	DOC	DOC	DOC	DOC	DOC	DOC	DOC	DOC	DOC		DOC		DOC		DOC
	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT		SNUT		SNUT		SNUT
												MOD	MOD	MOD	MOD		MOD		MOD		MOD
									MOP	MOP	MOP	MOP	MOP	MOP	MOP		MOP		MOP		MOP
														Pigm		Pigm	Pigm	Pigm		Pigm	
	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC		HIAC	HIAC	HIAC		HIAC	
												Pprm	Pprm	Pprm	Pprm		Pprm		Pprm		Pprm
																					Phyt
1074	4301	4003	3507	3005	2506	2003	1503	1001	803	604	504	391	304	203	153	101	81	61	41	20	5
Jour	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2
Prof	DIC	DIC	DIC	DIC	DIC	DIC	DIC	DIC	DIC	DIC	DIC	DIC	DIC	DIC	DIC	DIC	DIC	DIC	DIC	DIC	DIC
	TOC	TOC	TOC	TOC	TOC	TOC	TOC	TOC	TOC	TOC	TOC	TOC	TOC	TOC	TOC	TOC	TOC	TOC	TOC	TOC	TOC
	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT
												MOP	MOP	MOP	MOP	MOP	MOP	MOP	MOP	MOP	MOP
													Pigm	Pigm	Pigm	Pigm	Pigm	Pigm	Pigm	Pigm	Pigm
	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC
										Cyto	Cyto	Cyto	Cyto	Cyto	Cyto	Cyto	Cyto	Cyto	Cyto	Cyto	Cyto
1075	2001	1508	1500	1007	999	807	799	606	506	405	307	208	155	101	84	64	53	43	34	22	4
Jour	DCO2		DCO2		DCO2		DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2
																		DMS	DMS	DMS	DMS
	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl
	DOC	DOC		DOC		DOC		DOC	DOC	DOC	DOC	DOC	DOC	DOC	DOC	DOC	DOC	DOC	DOC	DOC	DOC
	SNUT	SNUT		SNUT		SNUT		SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT
												MOP	MOP	MOP	MOP	MOP	MOP	MOP	MOP	MOP	MOP
											Pigm	Pigm	Pigm	Pigm	Pigm	Pigm	Pigm	Pigm	Pigm	Pigm	Pigm
	HIAC		HIAC		HIAC		HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC
1076	2001	1509	1502	1008	1000	807	799	602	503	403	302	203	153	102	80	59	50	39	29	19	4
Nuit	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2		DCO2	DCO2	DCO2		DCO2	
																DMS	DMS	DMS		DMS	
	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl		PHAl	PHAl	PHAl		PHAl	
	DOC	DOC	DOC	DOC	DOC	DOC	DOC	DOC	DOC	DOC	DOC	DOC	DOC	DOC	DOC		DOC		DOC		DOC
	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT	SNUT		SNUT		SNUT		SNUT
												MOD	MOD	MOD	MOD		MOD		MOD		MOD
									MOP	MOP	MOP	MOP	MOP	MOP	MOP		MOP		MOP		MOP

		HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC Pprm	HIAC Pprm	Pigm HIAC Pprm	Pprm	Pigm HIAC	Pigm HIAC Pprm	Pigm HIAC	Pprm	Pigm HIAC	Pprm Phyt
1077 Nuit		2002 DCO2 PHAl DOC SNUT	1500 DCO2 PHAl DOC SNUT	1000 DCO2 PHAl DOC SNUT	800 DCO2 PHAl DOC SNUT	601 DCO2 PHAl DOC SNUT	499 DCO2 PHAl DOC SNUT	399 DCO2 PHAl DOC SNUT	300 DCO2 PHAl DOC SNUT	201 DCO2 PHAl DOC SNUT MOP	150 DCO2 PHAl DOC SNUT MOP	101 DCO2 PHAl DOC SNUT MOP	81 DCO2 PHAl DOC SNUT MOD MOP	60 DCO2 PHAl DOC SNUT MOD MOP	51 DCO2 PHAl DOC SNUT MOD MOP Pigm	40 DOC SNUT MOD MOP	41 DCO2 DMS PHAl DOC SNUT	30 DCO2 DMS PHAl DOC SNUT MOD MOP	20 DCO2 DMS PHAl DOC SNUT MOD MOP	20 DOC SNUT MOD MOP	6 DCO2 DMS PHAl DOC SNUT MOD MOP	6 DOC SNUT MOD MOP
		HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC Pprm	HIAC Pprm	HIAC Pprm	Pprm	Pigm HIAC Pprm	Pigm HIAC Pprm	Pigm HIAC Pprm	Pprm	Pigm HIAC Pprm	Pprm Phyt
1078 Nuit		2000 DCO2 PHAl DOC SNUT	1500 DCO2 PHAl DOC SNUT	1000 DCO2 PHAl DOC SNUT	801 DCO2 PHAl DOC SNUT	600 DCO2 PHAl DOC SNUT	499 DCO2 PHAl DOC SNUT	399 DCO2 PHAl DOC SNUT	301 DCO2 PHAl DOC SNUT	199 DCO2 PHAl DOC SNUT MOP	150 DCO2 PHAl DOC SNUT MOP	100 DCO2 PHAl DOC SNUT MOP	81 DCO2 PHAl DOC SNUT MOD MOP	61 DCO2 PHAl DOC SNUT MOD MOP	51 DCO2 PHAl DOC SNUT MOD MOP Pigm	40 DOC SNUT MOD MOP	40 DCO2 DMS PHAl DOC SNUT	30 DCO2 DMS PHAl DOC SNUT MOD MOP	20 DCO2 DMS PHAl DOC SNUT MOD MOP	20 DOC SNUT MOD MOP	5 DCO2 DMS PHAl DOC SNUT MOD MOP	4 DOC SNUT MOD MOP
		HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC Pprm	HIAC Pprm	HIAC Pprm	Pprm	Pigm HIAC Pprm	Pigm HIAC Pprm	Pigm HIAC Pprm	Pprm	Pigm HIAC Pprm	Pprm Phyt
1079 Jour		2002 DCO2 PHAl DOC SNUT	1506 PHAl	1499 DCO2 PHAl	1003 DOC SNUT	995 DCO2 PHAl	796 DOC SNUT	788 DCO2 PHAl	600 DCO2 PHAl DOC SNUT	499 DCO2 PHAl DOC SNUT	401 DCO2 PHAl DOC SNUT	300 DCO2 PHAl DOC SNUT Pigm	206 DCO2 PHAl DOC SNUT MOP Pigm HIAC	155 DCO2 PHAl DOC SNUT MOP Pigm HIAC	101 DCO2 PHAl DOC SNUT MOP Pigm HIAC	84 DCO2 PHAl DOC SNUT MOP Pigm HIAC	63 DCO2 PHAl DOC SNUT MOP Pigm HIAC	55 DCO2 PHAl DOC SNUT MOP Pigm HIAC	42 DCO2 DMS PHAl DOC SNUT MOP Pigm HIAC	34 DCO2 DMS PHAl DOC SNUT MOP Pigm HIAC	22 DCO2 DMS PHAl DOC SNUT MOP Pigm HIAC	4 DCO2 DMS PHAl DOC SNUT MOP Pigm HIAC

POMME 1 - LEG1

3 Fevrier - 23 Fevrier 2001

ATALANTE

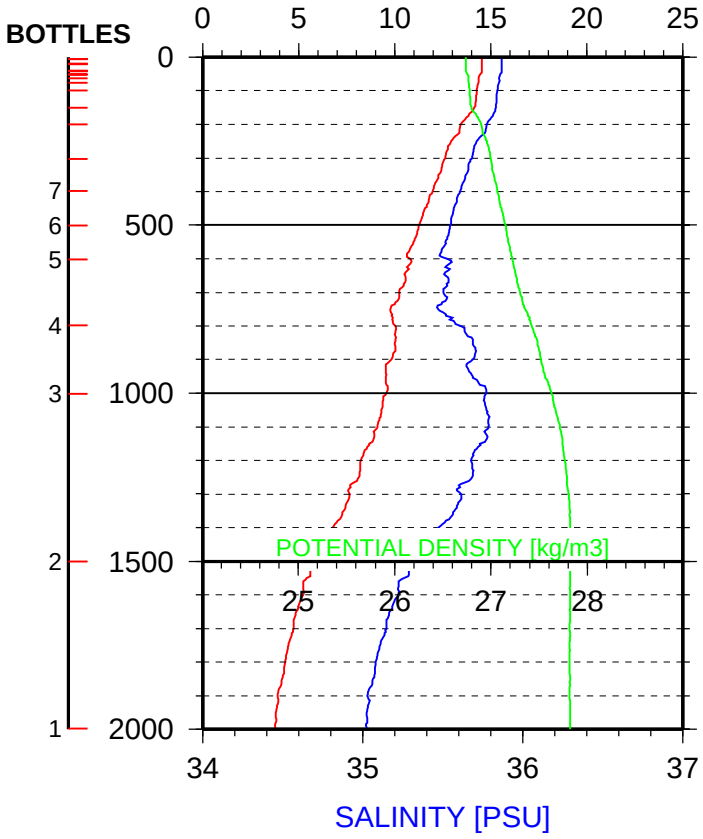
0 - 400 dbars
0 - 2000 dbars

L.PRIEUR - J.RAUNET

Laboratoire d'Oceanographie - Observatoire Oceanologique . BP 08 . 06230 VILLEFRANCHE SUR MER

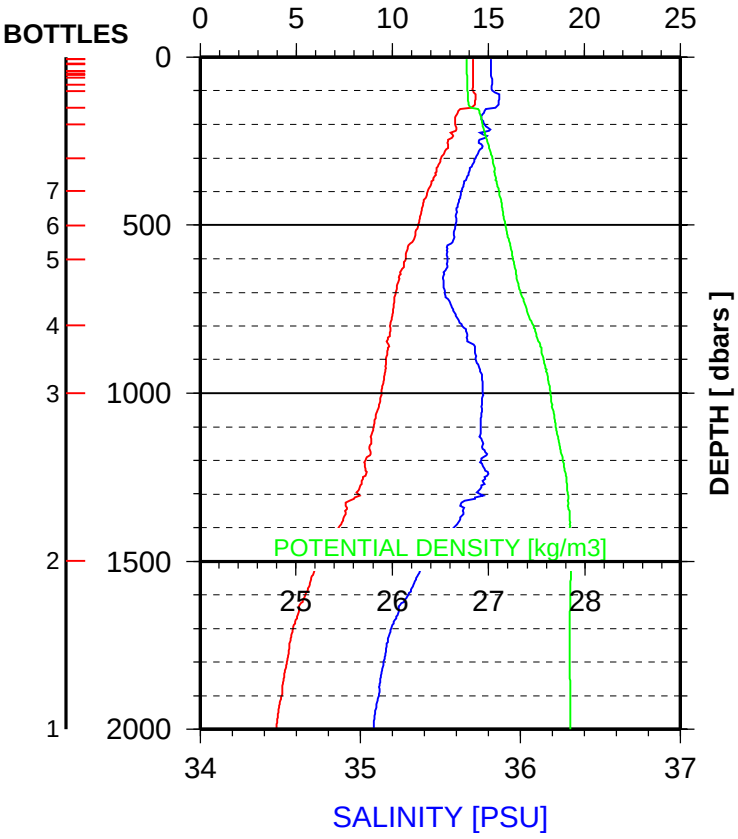
POMME1 - VALID STATION 1001

3 / 2 / 2001 - 22 h 48 m



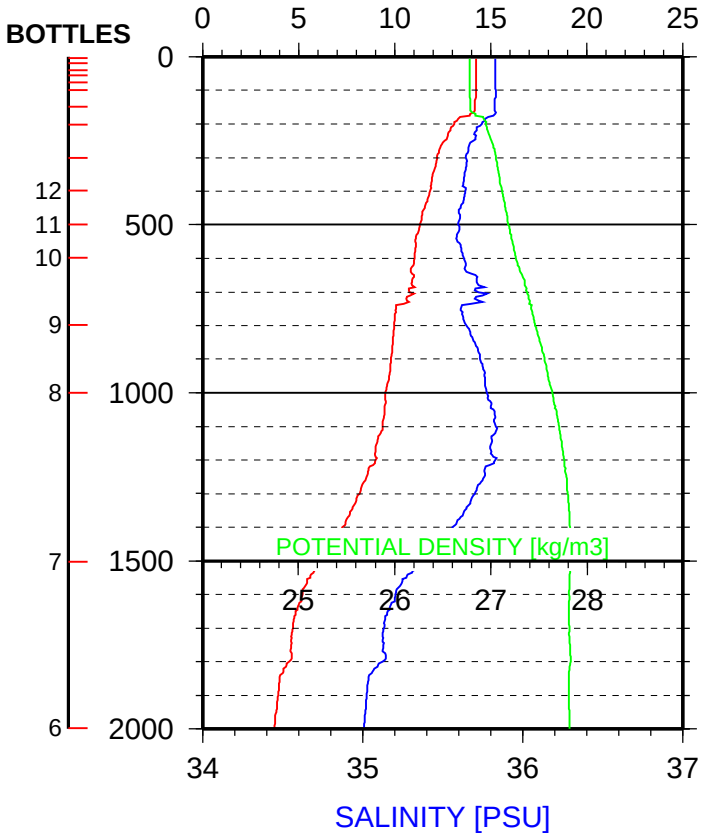
POMME1 - VALID STATION 1002

4 / 2 / 2001 - 3 h 26 m



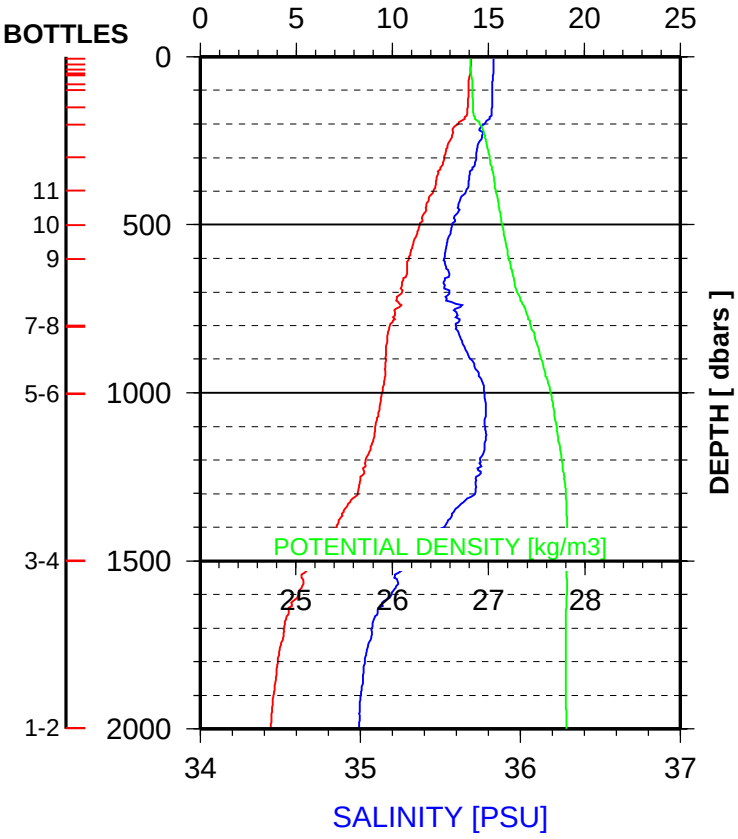
POMME1 - VALID STATION 1003

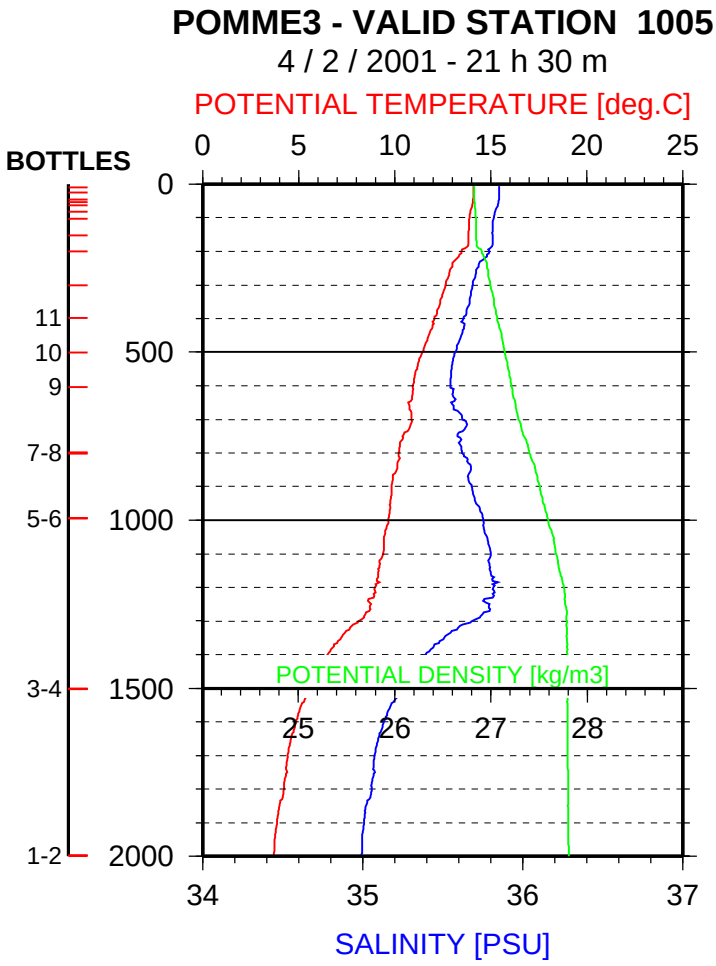
4 / 2 / 2001 - 8 h 10 m

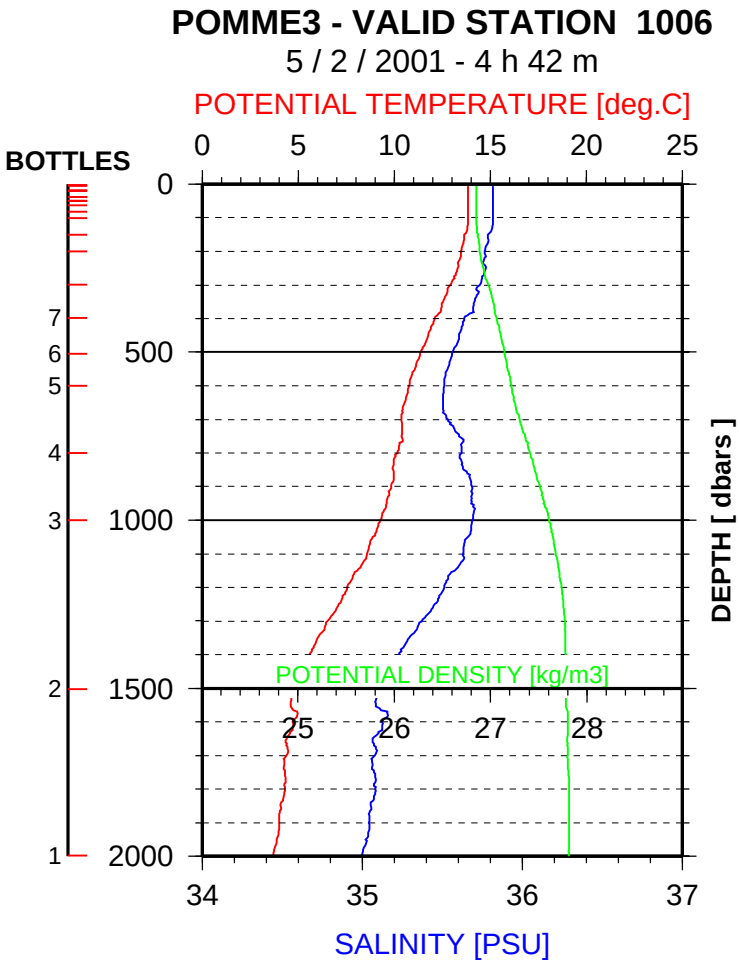


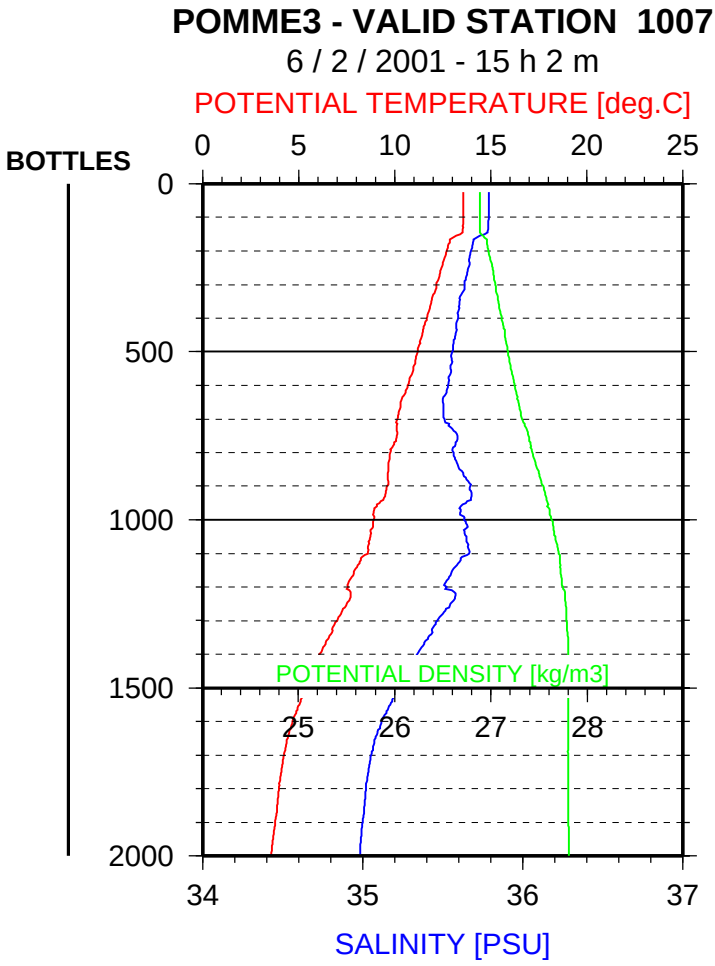
POMME1 - VALID STATION 1004

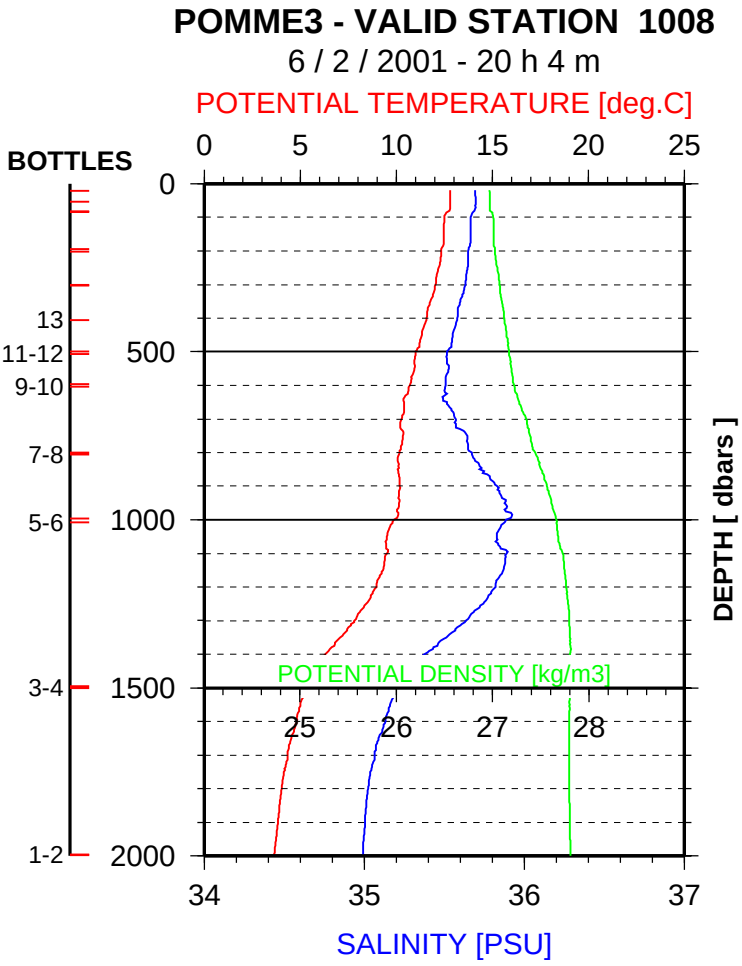
4 / 2 / 2001 - 14 h 50 m

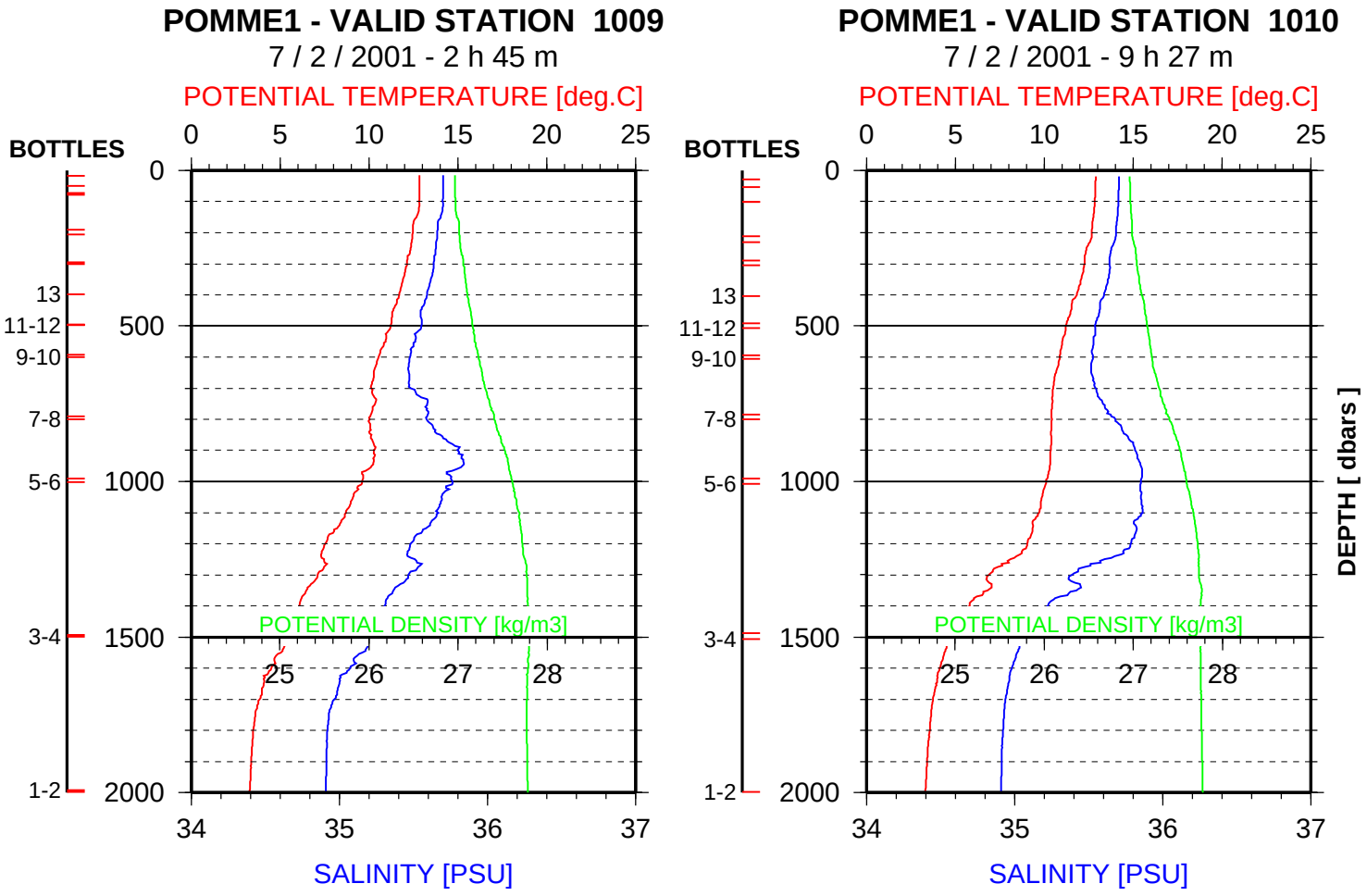



POMME3 - VALID STATION 1005
4 / 2 / 2001 - 21 h 30 m
POTENTIAL TEMPERATURE [deg.C]
BOTTLES
0 5 10 15 20 25
0
500
1000
1500
2000
11
10
9
7-8
5-6
3-4
1-2
POTENTIAL DENSITY [kg/m3]
25 26 27 28
34 35 36 37
SALINITY [PSU]

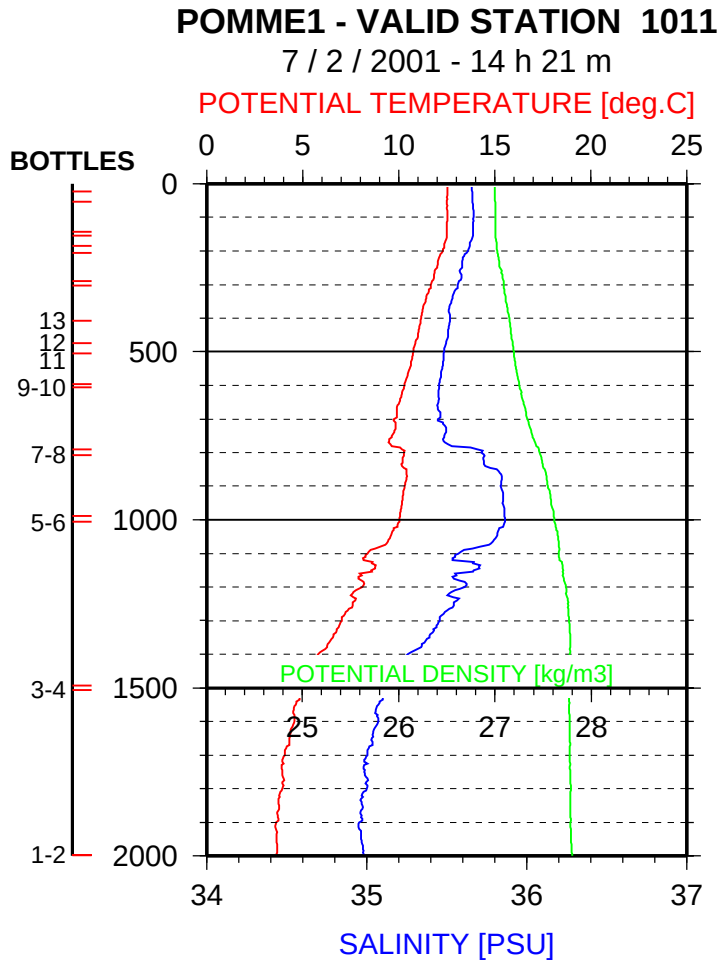

POMME3 - VALID STATION 1006
5 / 2 / 2001 - 4 h 42 m
POTENTIAL TEMPERATURE [deg.C]
BOTTLES
0 5 10 15 20 25
0
500
1000
1500
2000
7
6
5
4
3
2
1
DEPTH [dbars]
POTENTIAL DENSITY [kg/m3]
25 26 27 28
34 35 36 37
SALINITY [PSU]

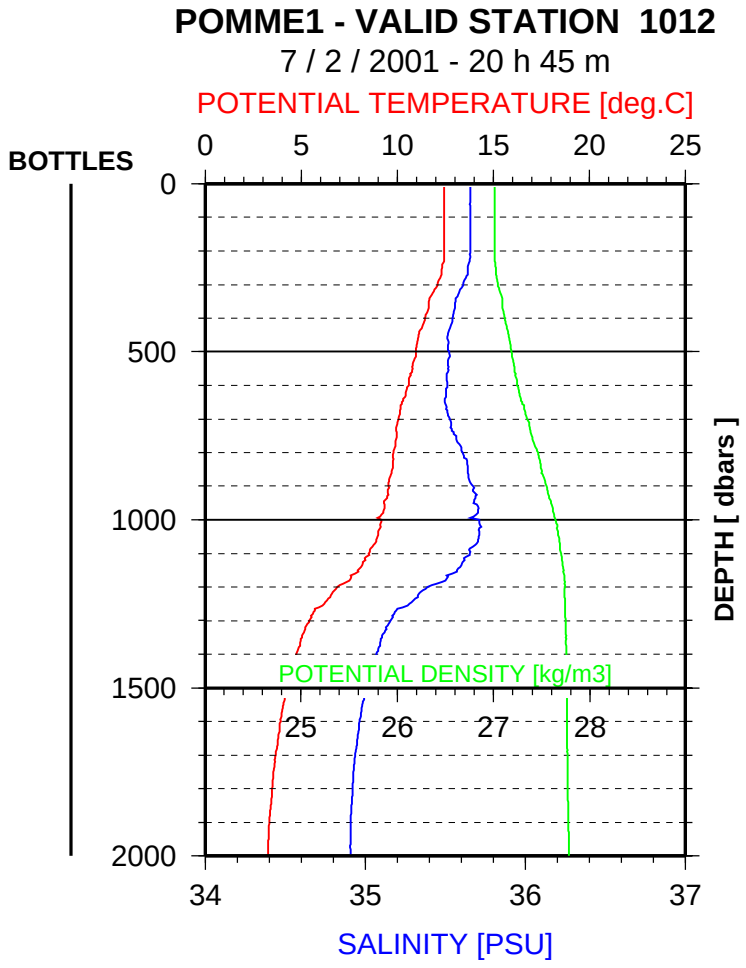

POMME3 - VALID STATION 1007
6 / 2 / 2001 - 15 h 2 m
POTENTIAL TEMPERATURE [deg.C]
BOTTLES
0 5 10 15 20 25
0
500
1000
1500
2000
POTENTIAL DENSITY [kg/m3]
25 26 27 28
34 35 36 37
SALINITY [PSU]

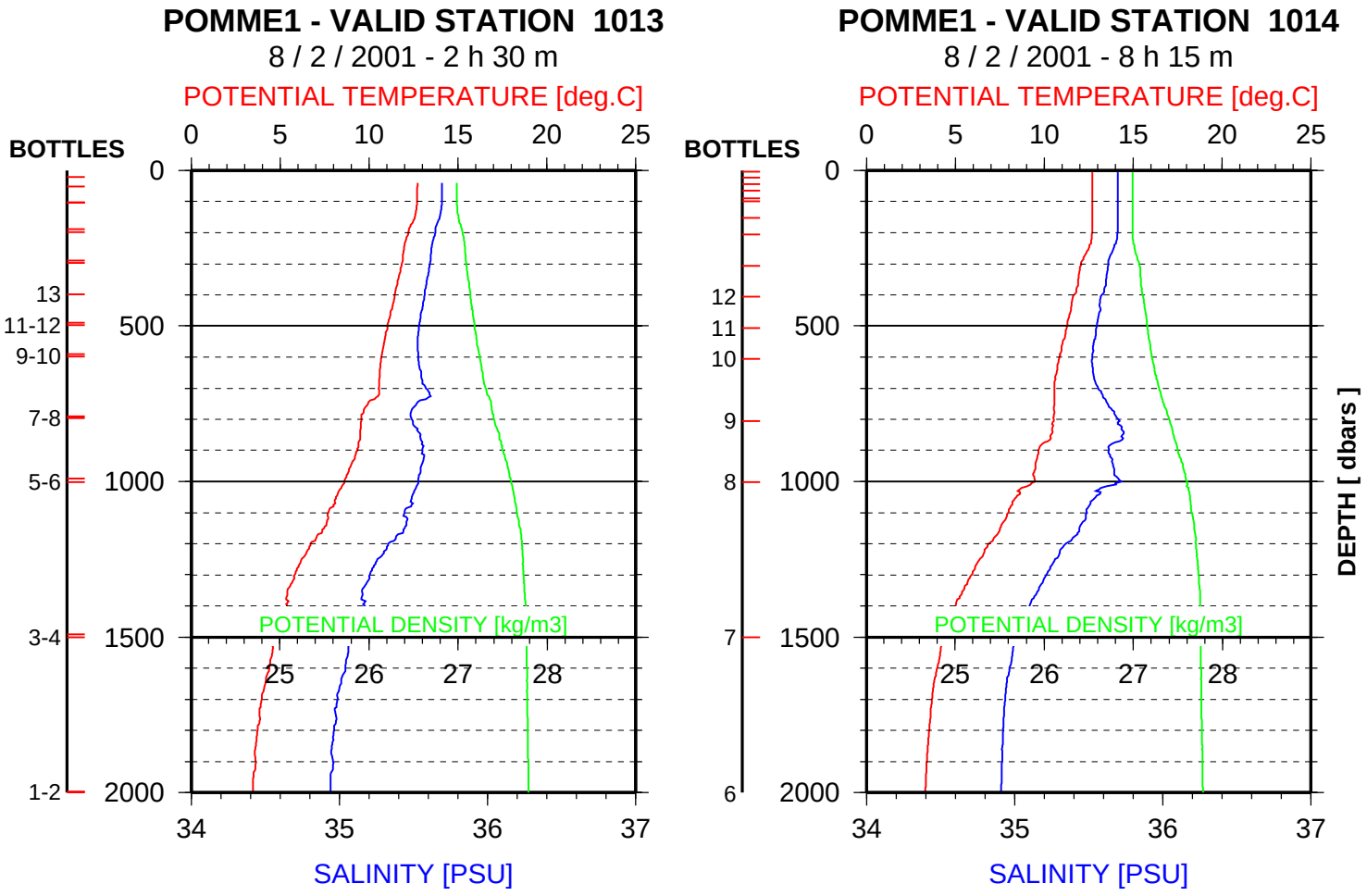

POMME3 - VALID STATION 1008
6 / 2 / 2001 - 20 h 4 m
POTENTIAL TEMPERATURE [deg.C]
BOTTLES
0 5 10 15 20 25
0
500
1000
1500
2000
13
11-12
9-10
7-8
5-6
3-4
1-2
DEPTH [dbars]
POTENTIAL DENSITY [kg/m3]
25 26 27 28
34 35 36 37
SALINITY [PSU]


POMME1 - VALID STATION 1009
7 / 2 / 2001 - 2 h 45 m
POTENTIAL TEMPERATURE [deg.C]
BOTTLES
DEPTH [dbars]
POTENTIAL DENSITY [kg/m3]
SALINITY [PSU]

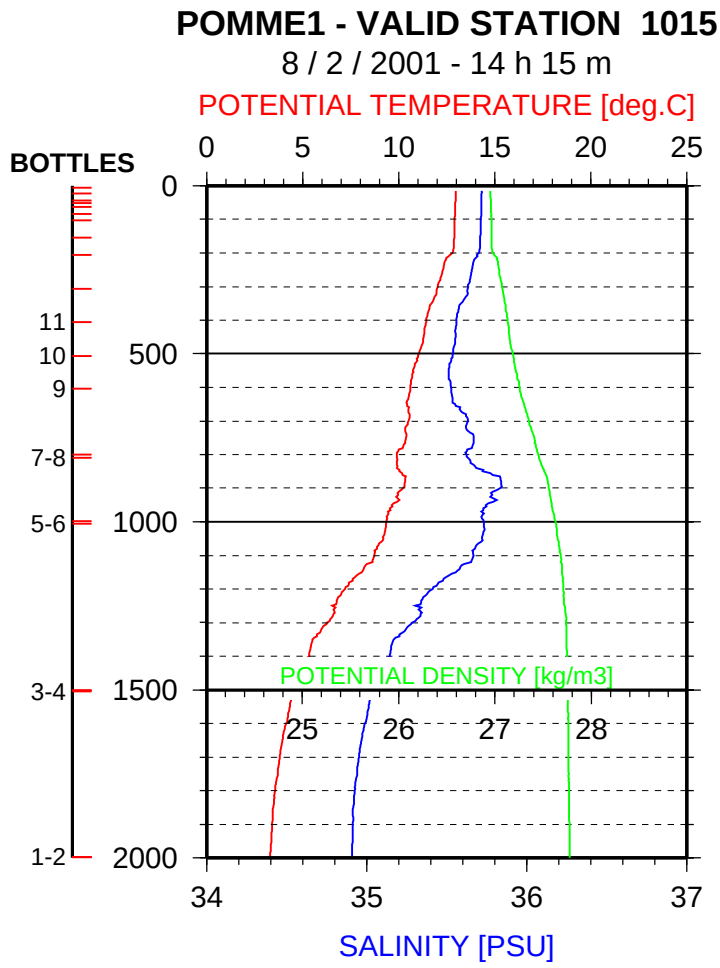
POMME1 - VALID STATION 1010
7 / 2 / 2001 - 9 h 27 m
POTENTIAL TEMPERATURE [deg.C]
BOTTLES
DEPTH [dbars]
POTENTIAL DENSITY [kg/m3]
SALINITY [PSU]

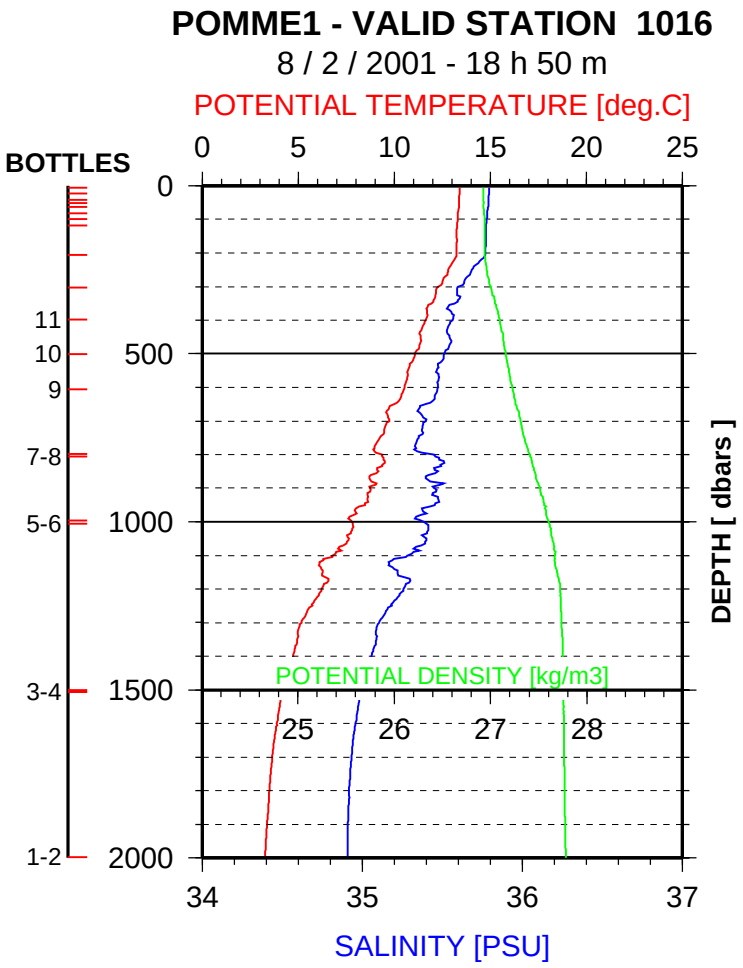

POMME1 - VALID STATION 1011
7 / 2 / 2001 - 14 h 21 m
POTENTIAL TEMPERATURE [deg.C]
BOTTLES
POTENTIAL DENSITY [kg/m3]
SALINITY [PSU]

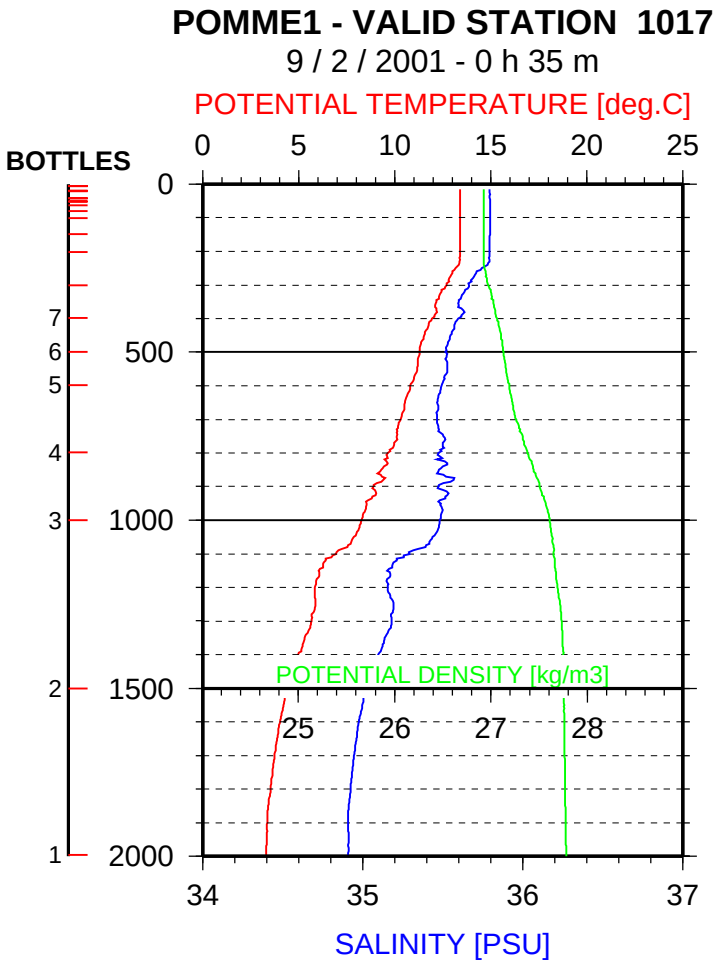

POMME1 - VALID STATION 1012
7 / 2 / 2001 - 20 h 45 m
POTENTIAL TEMPERATURE [deg.C]
BOTTLES
DEPTH [dbars]
POTENTIAL DENSITY [kg/m3]
SALINITY [PSU]

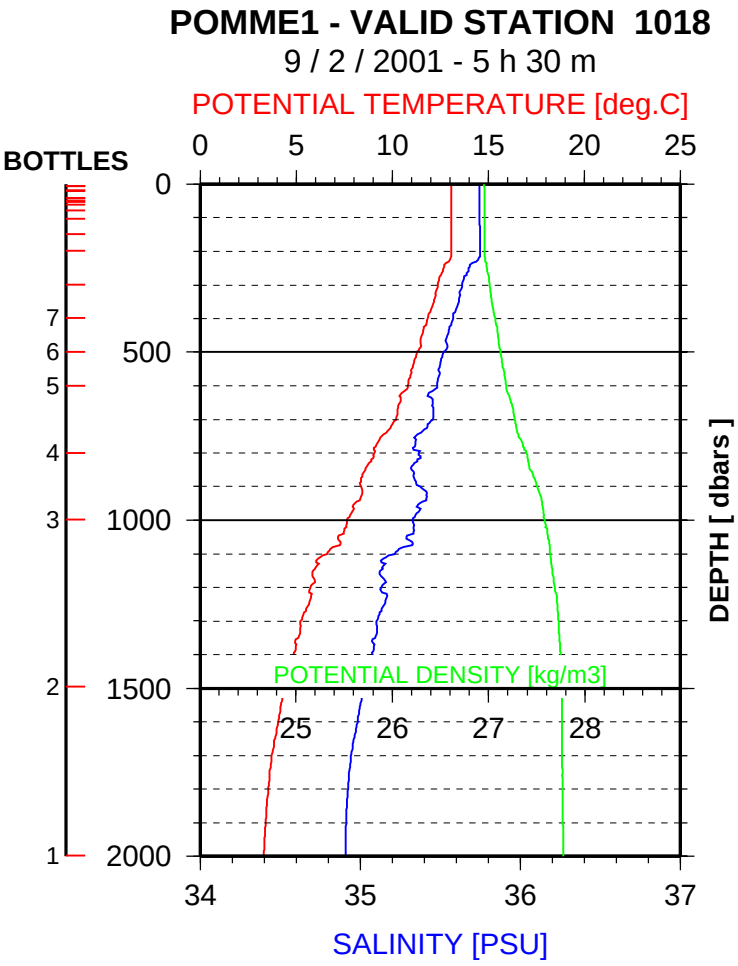

POMME1 - VALID STATION 1013
8 / 2 / 2001 - 2 h 30 m
POTENTIAL TEMPERATURE [deg.C]
BOTTLES
0 5 10 15 20 25
0
500
1000
1500
2000
13
11-12
9-10
7-8
5-6
3-4
1-2
POTENTIAL DENSITY [kg/m3]
25 26 27 28
34 35 36 37
SALINITY [PSU]

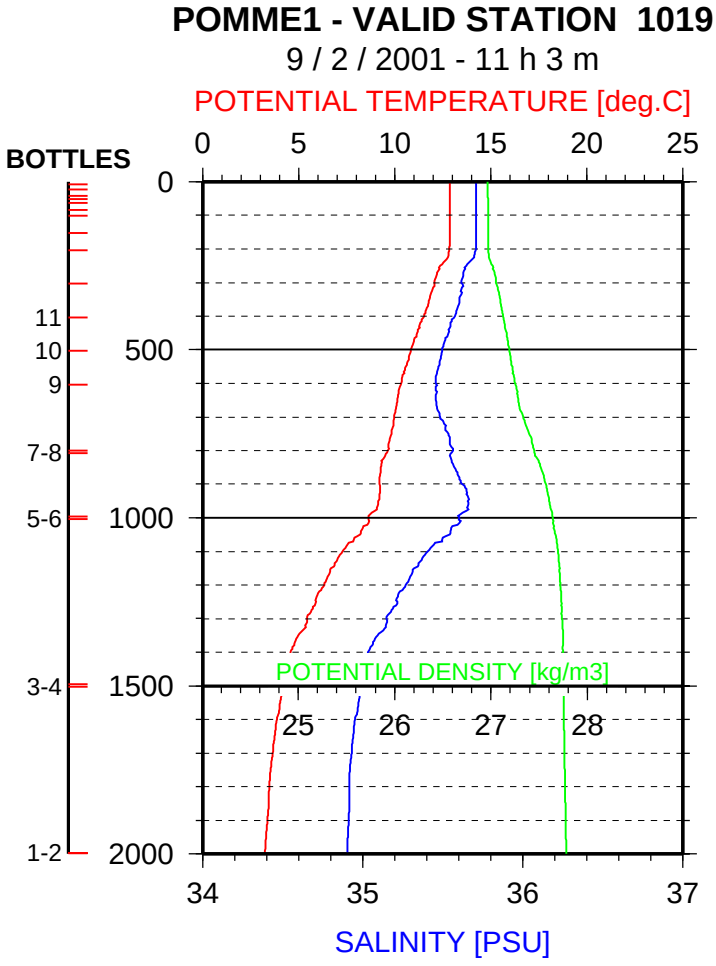
POMME1 - VALID STATION 1014
8 / 2 / 2001 - 8 h 15 m
POTENTIAL TEMPERATURE [deg.C]
BOTTLES
0 5 10 15 20 25
0
500
1000
1500
2000
12
11
10
9
8
7
6
POTENTIAL DENSITY [kg/m3]
25 26 27 28
34 35 36 37
SALINITY [PSU]
DEPTH [dbars]

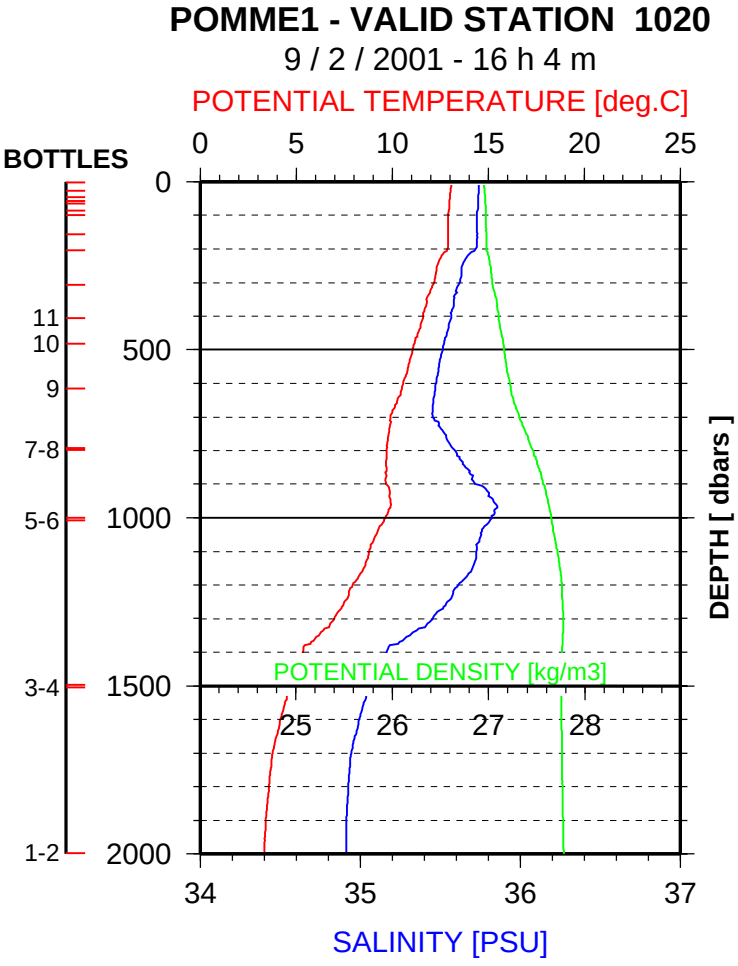

POMME1 - VALID STATION 1015
8 / 2 / 2001 - 14 h 15 m
POTENTIAL TEMPERATURE [deg.C]
BOTTLES
0 5 10 15 20 25
0
500
1000
1500
2000
11
10
9
7-8
5-6
3-4
1-2
POTENTIAL DENSITY [kg/m3]
25 26 27 28
34 35 36 37
SALINITY [PSU]

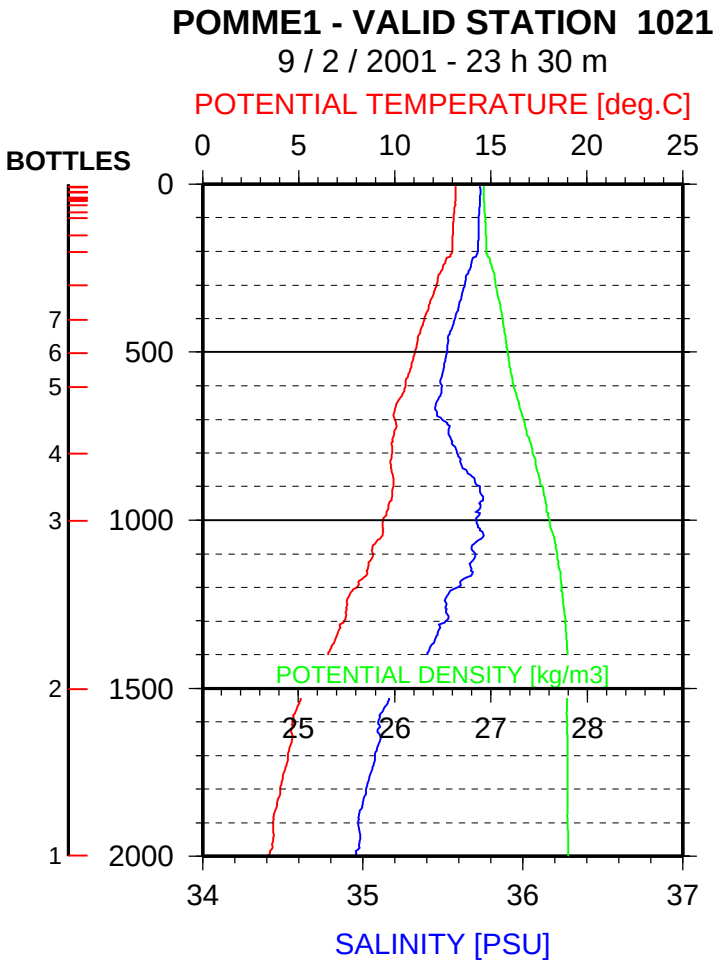

POMME1 - VALID STATION 1016
8 / 2 / 2001 - 18 h 50 m
POTENTIAL TEMPERATURE [deg.C]
BOTTLES
0 5 10 15 20 25
0
500
1000
1500
2000
11
10
9
7-8
5-6
3-4
1-2
POTENTIAL DENSITY [kg/m3]
25 26 27 28
34 35 36 37
SALINITY [PSU]
DEPTH [dbars]

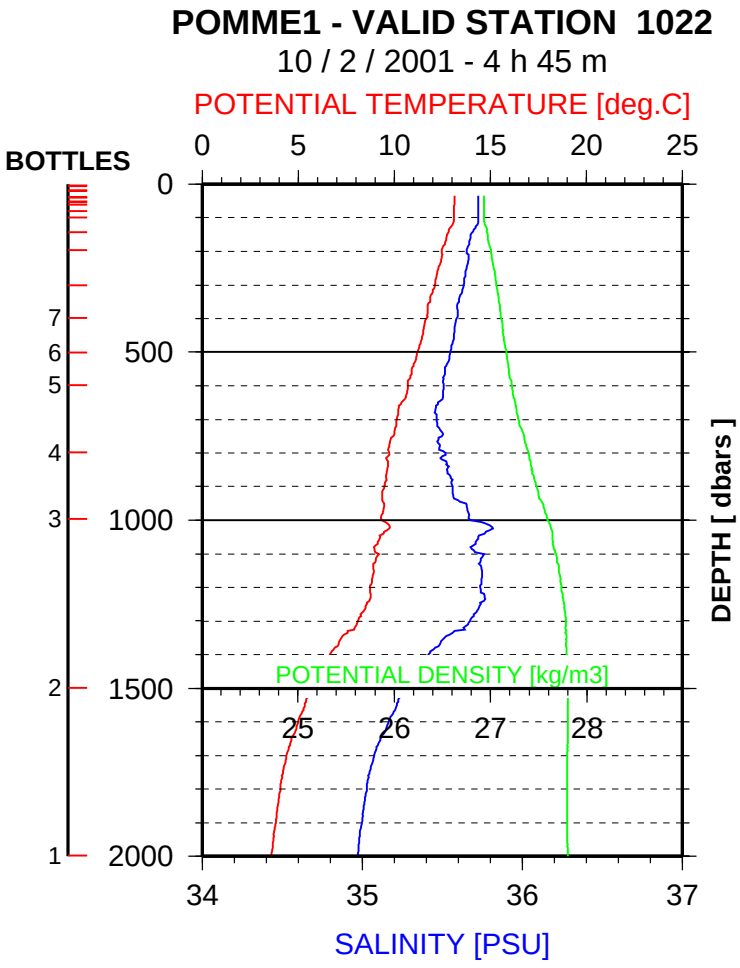

POMME1 - VALID STATION 1017
9 / 2 / 2001 - 0 h 35 m
POTENTIAL TEMPERATURE [deg.C]
BOTTLES
POTENTIAL DENSITY [kg/m3]
SALINITY [PSU]

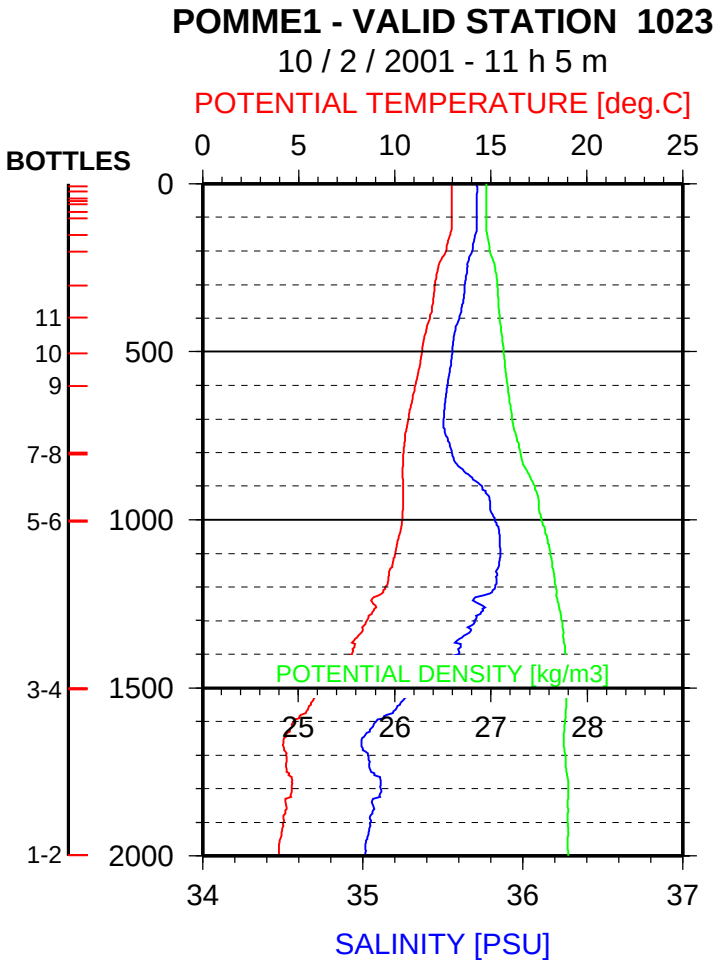

POMME1 - VALID STATION 1018
9 / 2 / 2001 - 5 h 30 m
POTENTIAL TEMPERATURE [deg.C]
BOTTLES
DEPTH [dbars]
POTENTIAL DENSITY [kg/m3]
SALINITY [PSU]

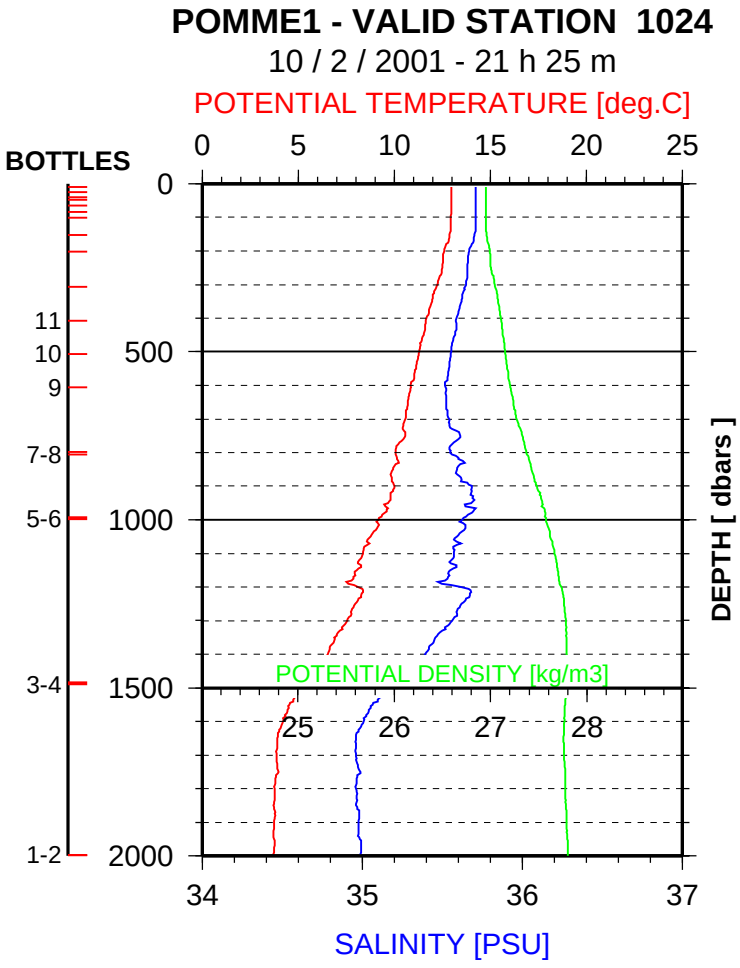

POMME1 - VALID STATION 1019
9 / 2 / 2001 - 11 h 3 m
POTENTIAL TEMPERATURE [deg.C]
BOTTLES
POTENTIAL DENSITY [kg/m3]
SALINITY [PSU]

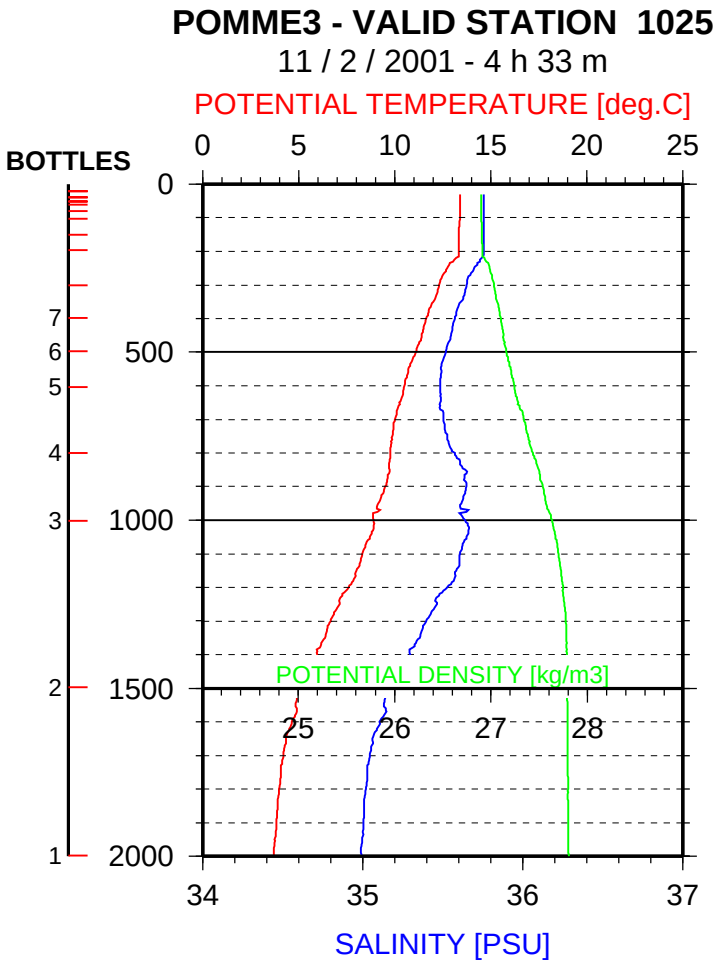

POMME1 - VALID STATION 1020
9 / 2 / 2001 - 16 h 4 m
POTENTIAL TEMPERATURE [deg.C]
BOTTLES
DEPTH [dbars]
POTENTIAL DENSITY [kg/m3]
SALINITY [PSU]

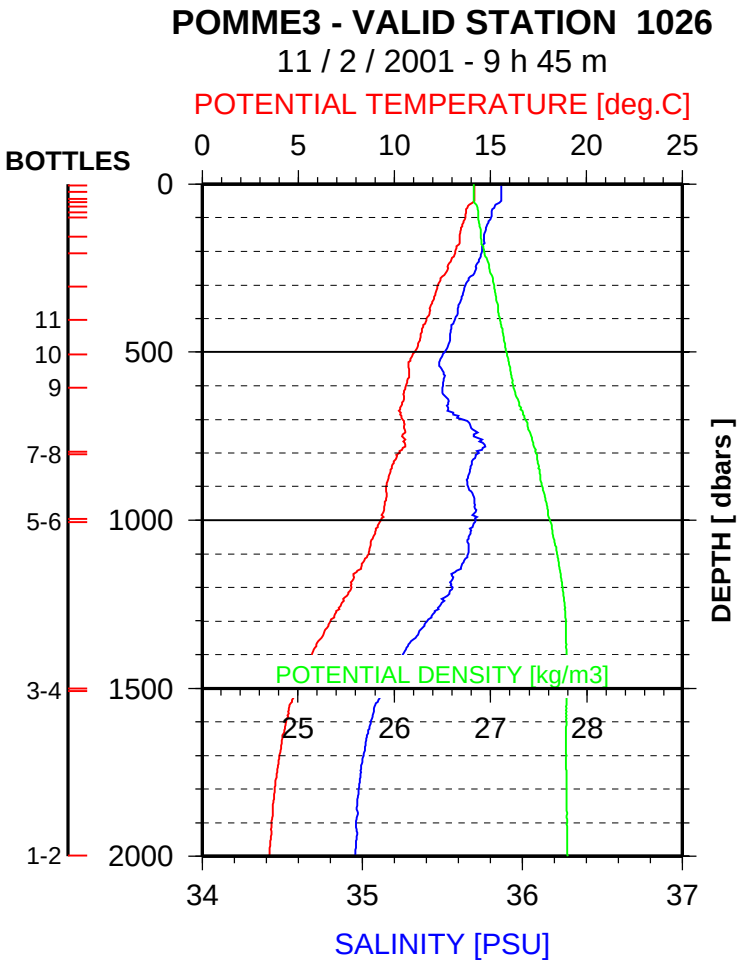

POMME1 - VALID STATION 1021
9 / 2 / 2001 - 23 h 30 m
POTENTIAL TEMPERATURE [deg.C]
BOTTLES
DEPTH [dbars]
POTENTIAL DENSITY [kg/m3]
SALINITY [PSU]

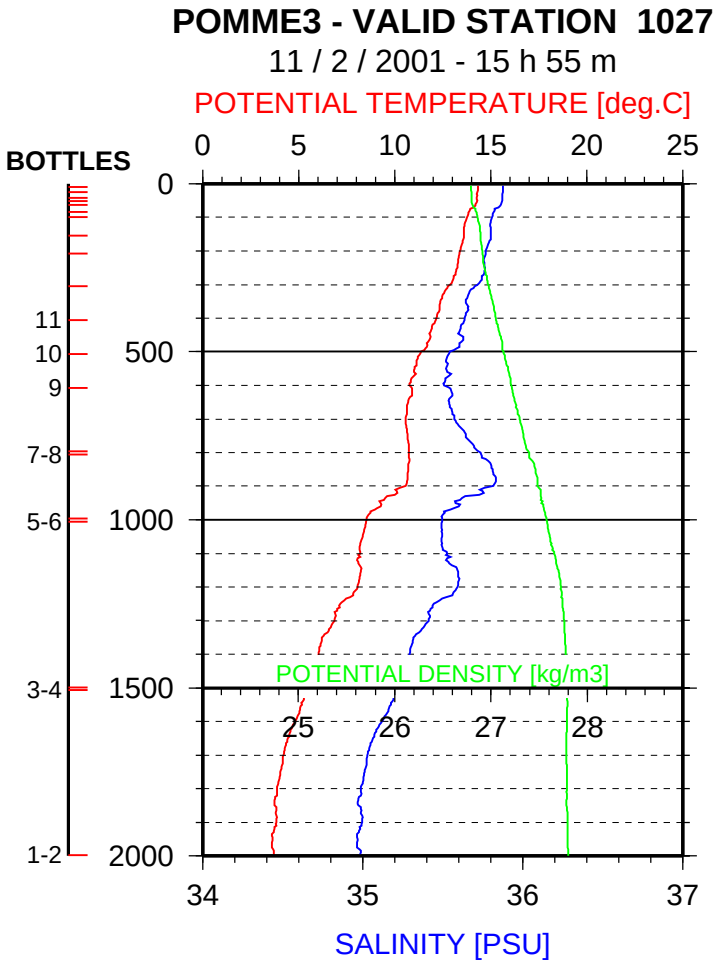

POMME1 - VALID STATION 1022
10 / 2 / 2001 - 4 h 45 m
POTENTIAL TEMPERATURE [deg.C]
BOTTLES
DEPTH [dbars]
POTENTIAL DENSITY [kg/m3]
SALINITY [PSU]

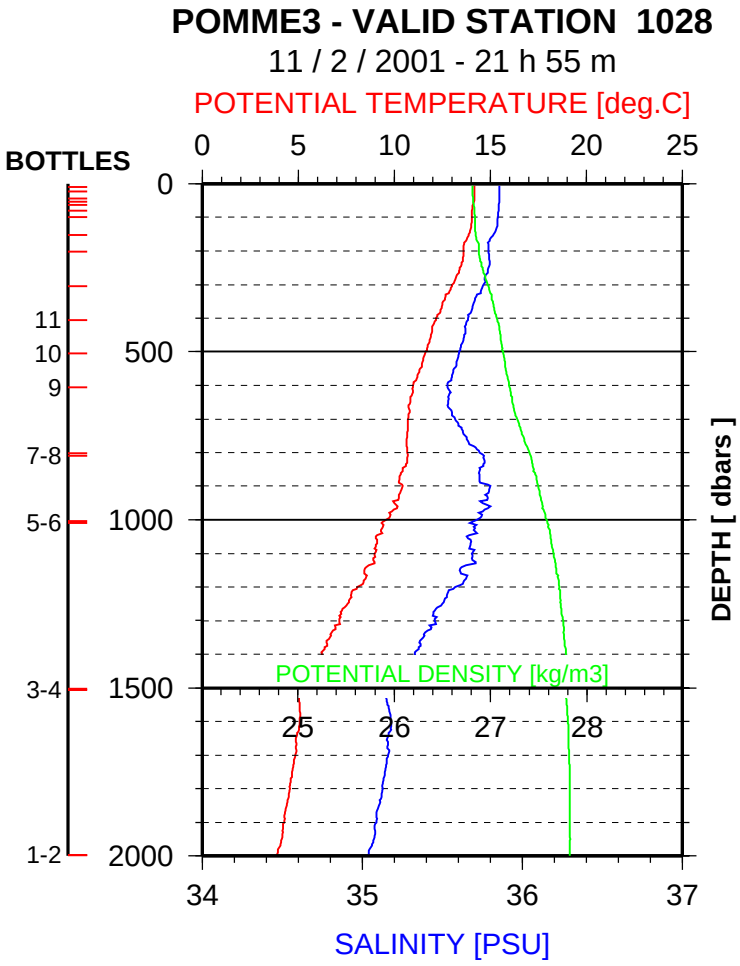

POMME1 - VALID STATION 1023
10 / 2 / 2001 - 11 h 5 m
POTENTIAL TEMPERATURE [deg.C]
BOTTLES
DEPTH [dbars]
POTENTIAL DENSITY [kg/m3]
SALINITY [PSU]

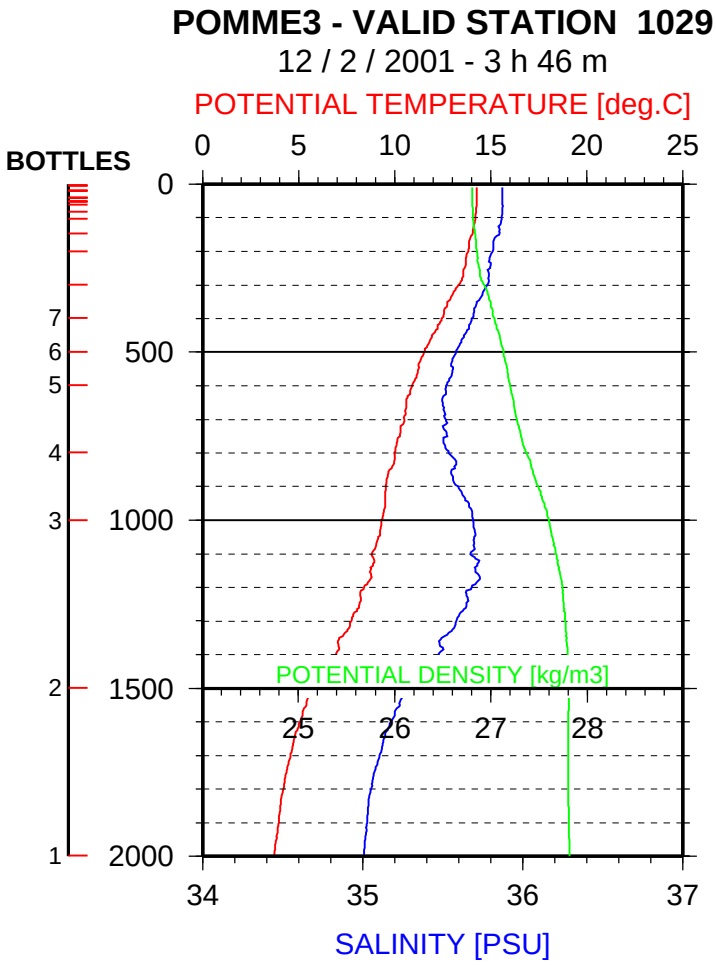

POMME1 - VALID STATION 1024
10 / 2 / 2001 - 21 h 25 m
POTENTIAL TEMPERATURE [deg.C]
BOTTLES
DEPTH [dbars]
POTENTIAL DENSITY [kg/m3]
SALINITY [PSU]

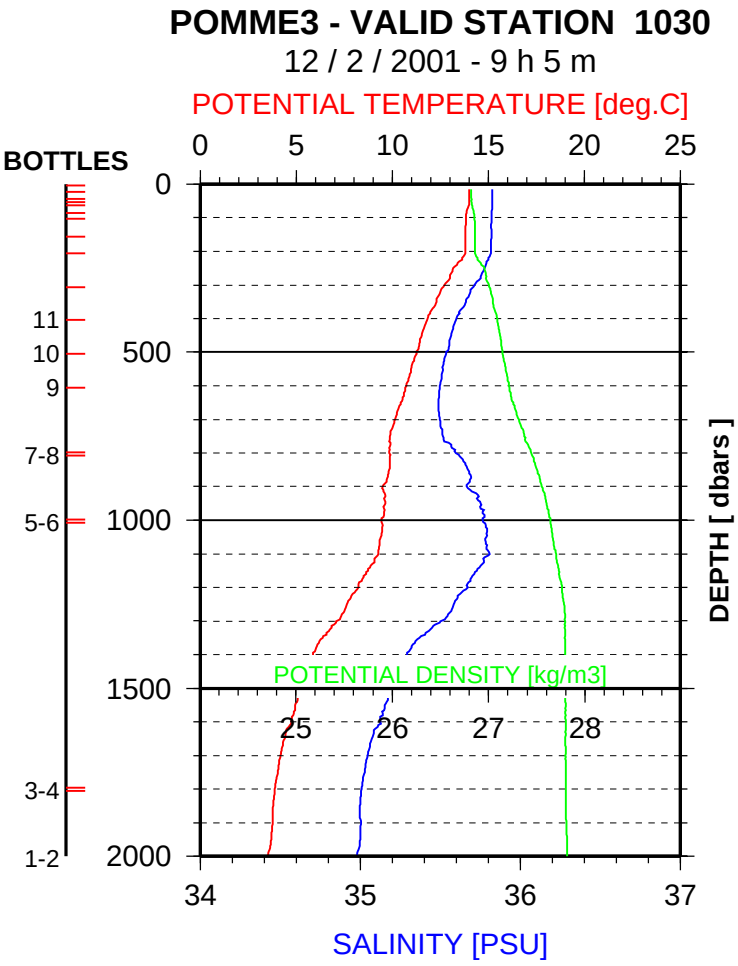

POMME3 - VALID STATION 1025
11 / 2 / 2001 - 4 h 33 m
POTENTIAL TEMPERATURE [deg.C]
0 5 10 15 20 25
BOTTLES
0
500
1000
1500
2000
7
6
5
4
3
2
1
POTENTIAL DENSITY [kg/m3]
25 26 27 28
34 35 36 37
SALINITY [PSU]

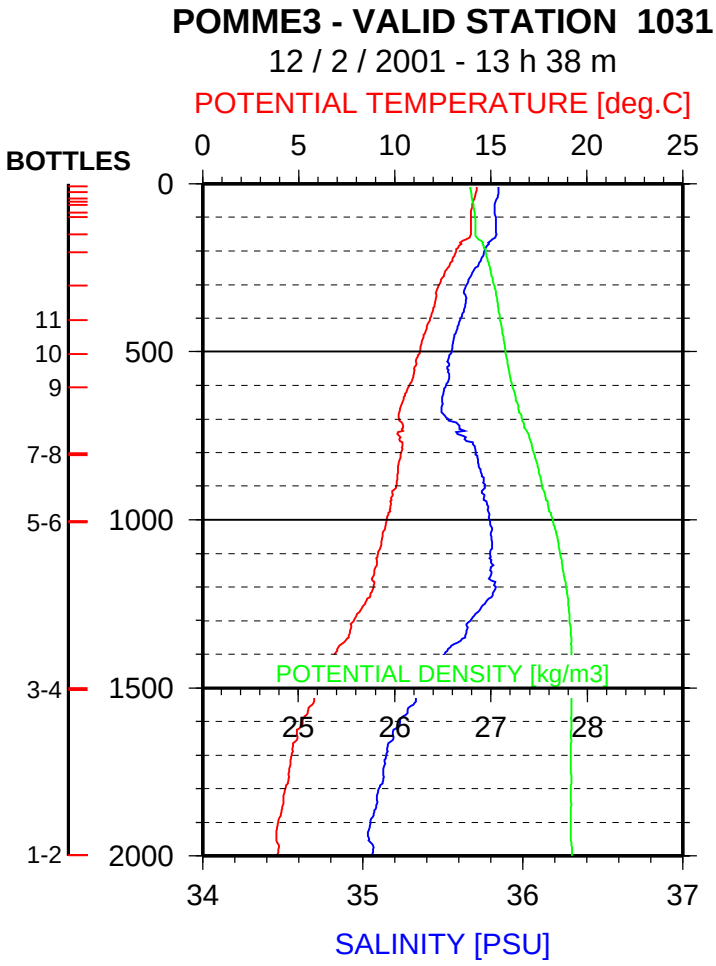

POMME3 - VALID STATION 1026
11 / 2 / 2001 - 9 h 45 m
POTENTIAL TEMPERATURE [deg.C]
0 5 10 15 20 25
BOTTLES
0
500
1000
1500
2000
11
10
9
7-8
5-6
3-4
1-2
POTENTIAL DENSITY [kg/m3]
25 26 27 28
34 35 36 37
SALINITY [PSU]
DEPTH [dbars]

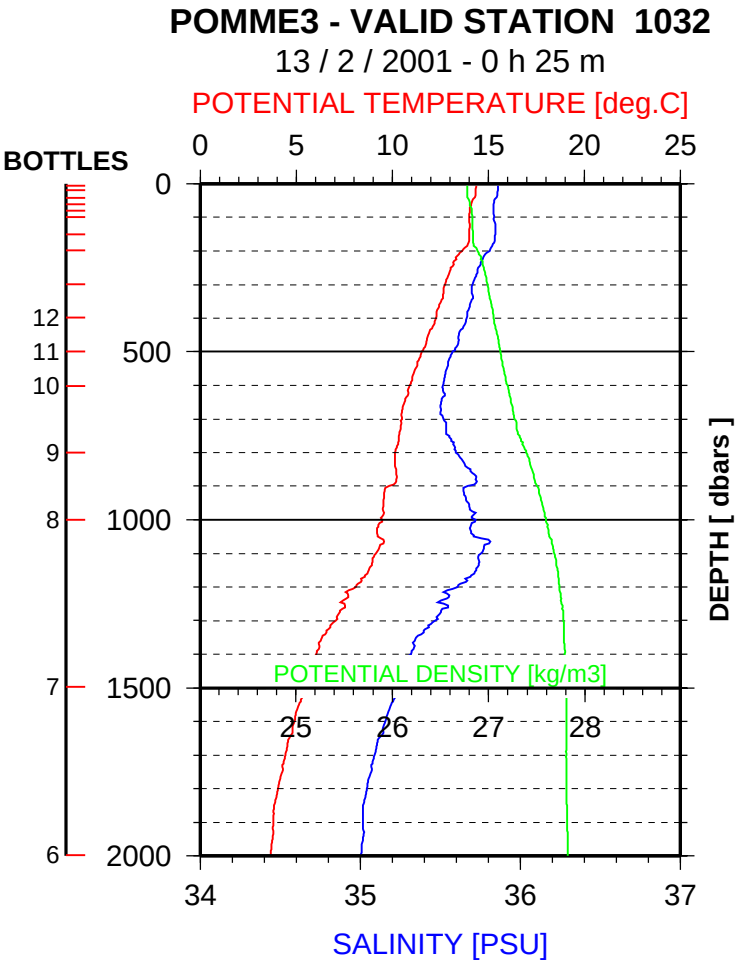

POMME3 - VALID STATION 1027
11 / 2 / 2001 - 15 h 55 m
POTENTIAL TEMPERATURE [deg.C]
0 5 10 15 20 25
BOTTLES
0
500
1000
1500
2000
11
10
9
7-8
5-6
3-4
1-2
POTENTIAL DENSITY [kg/m3]
25 26 27 28
34 35 36 37
SALINITY [PSU]

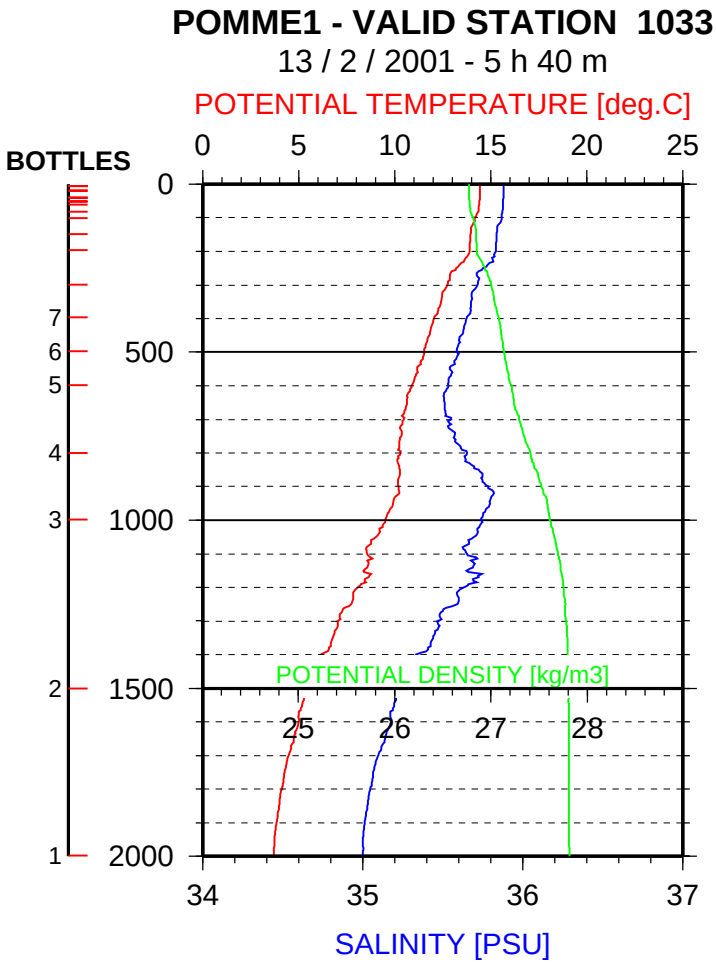

POMME3 - VALID STATION 1028
11 / 2 / 2001 - 21 h 55 m
POTENTIAL TEMPERATURE [deg.C]
0 5 10 15 20 25
BOTTLES
0
500
1000
1500
2000
11
10
9
7-8
5-6
3-4
1-2
POTENTIAL DENSITY [kg/m3]
25 26 27 28
34 35 36 37
SALINITY [PSU]
DEPTH [dbars]

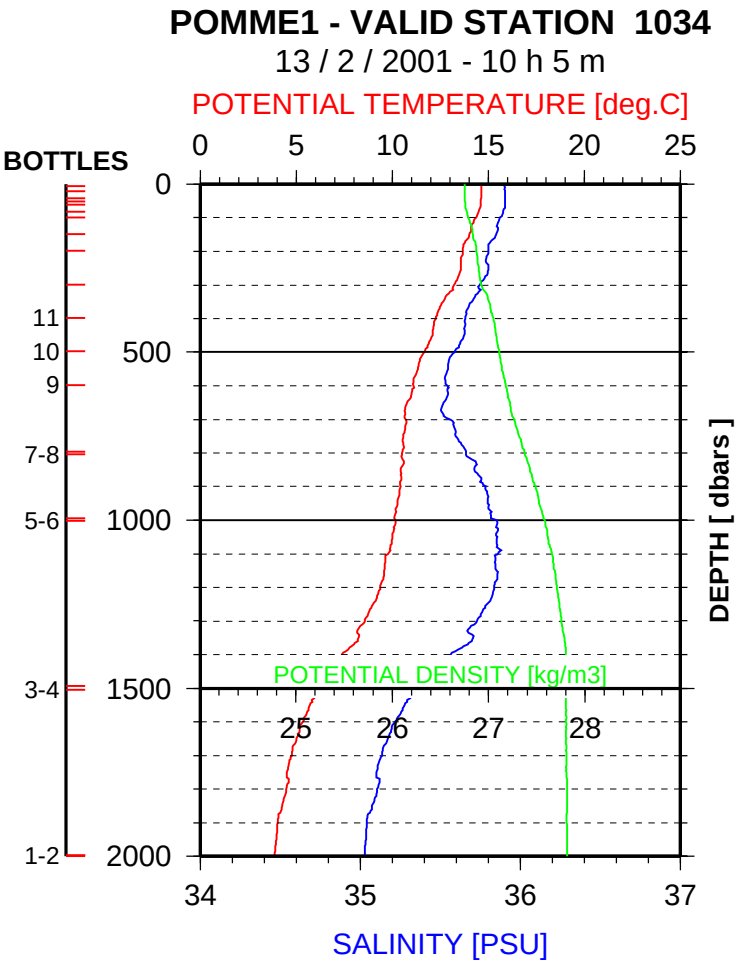

POMME3 - VALID STATION 1029
12 / 2 / 2001 - 3 h 46 m
POTENTIAL TEMPERATURE [deg.C]
BOTTLES
POTENTIAL DENSITY [kg/m3]
SALINITY [PSU]

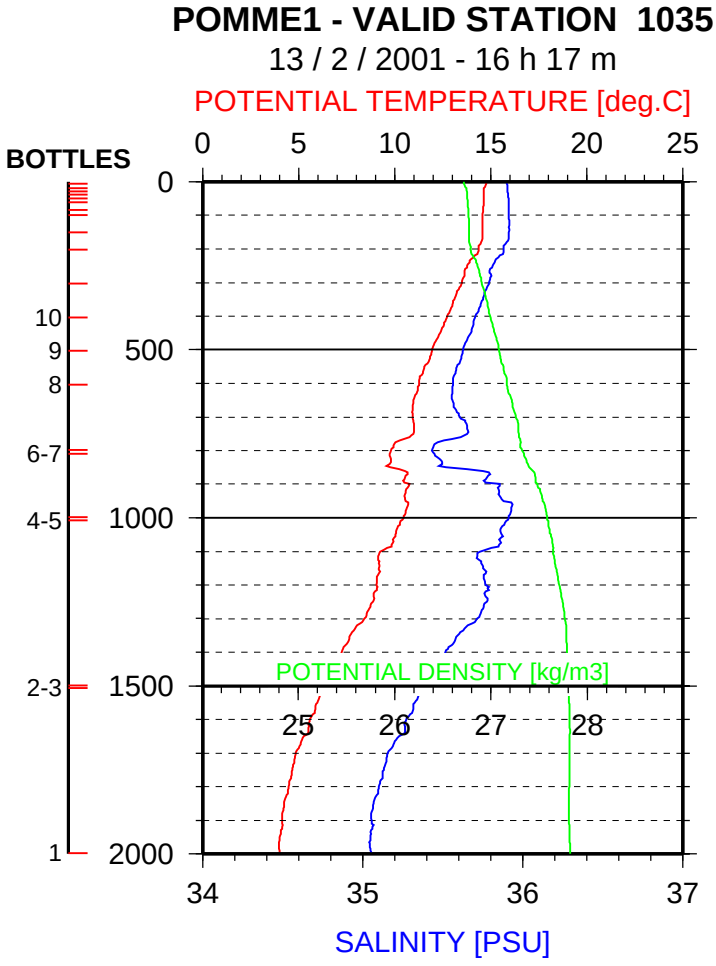

POMME3 - VALID STATION 1030
12 / 2 / 2001 - 9 h 5 m
POTENTIAL TEMPERATURE [deg.C]
BOTTLES
POTENTIAL DENSITY [kg/m3]
SALINITY [PSU]
DEPTH [dbars]

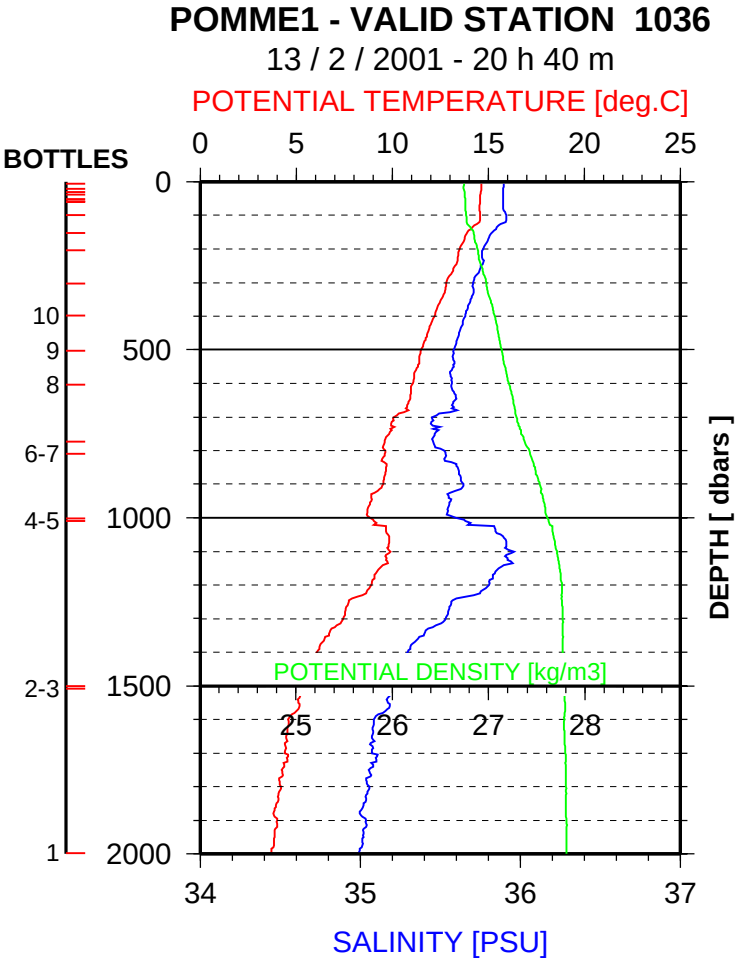

POMME3 - VALID STATION 1031
12 / 2 / 2001 - 13 h 38 m
POTENTIAL TEMPERATURE [deg.C]
BOTTLES
POTENTIAL DENSITY [kg/m3]
SALINITY [PSU]

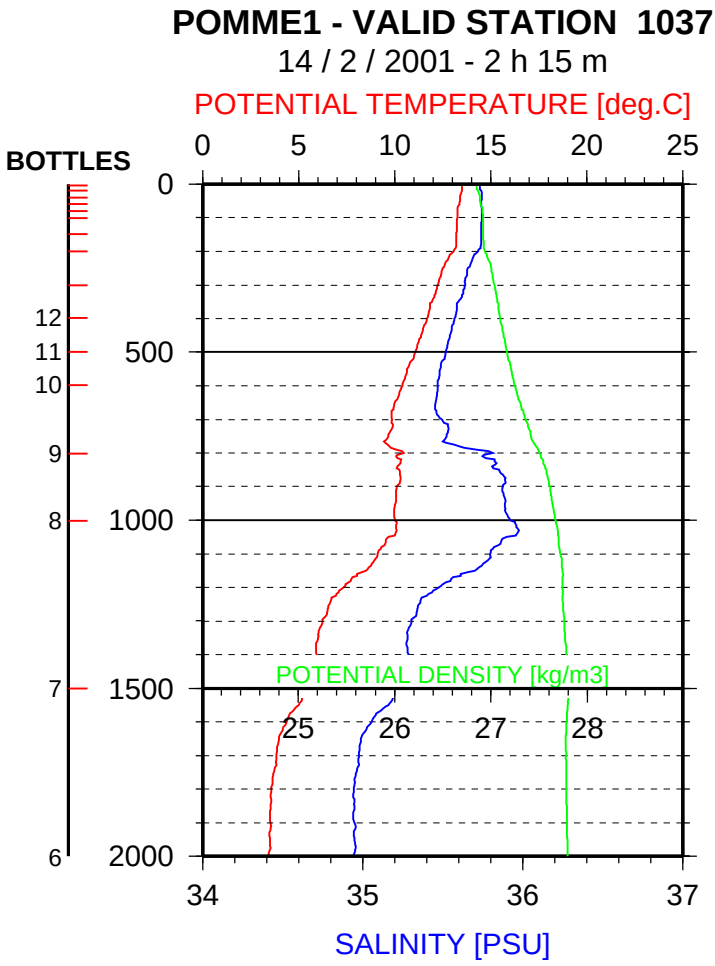

POMME3 - VALID STATION 1032
13 / 2 / 2001 - 0 h 25 m
POTENTIAL TEMPERATURE [deg.C]
BOTTLES
POTENTIAL DENSITY [kg/m3]
SALINITY [PSU]
DEPTH [dbars]

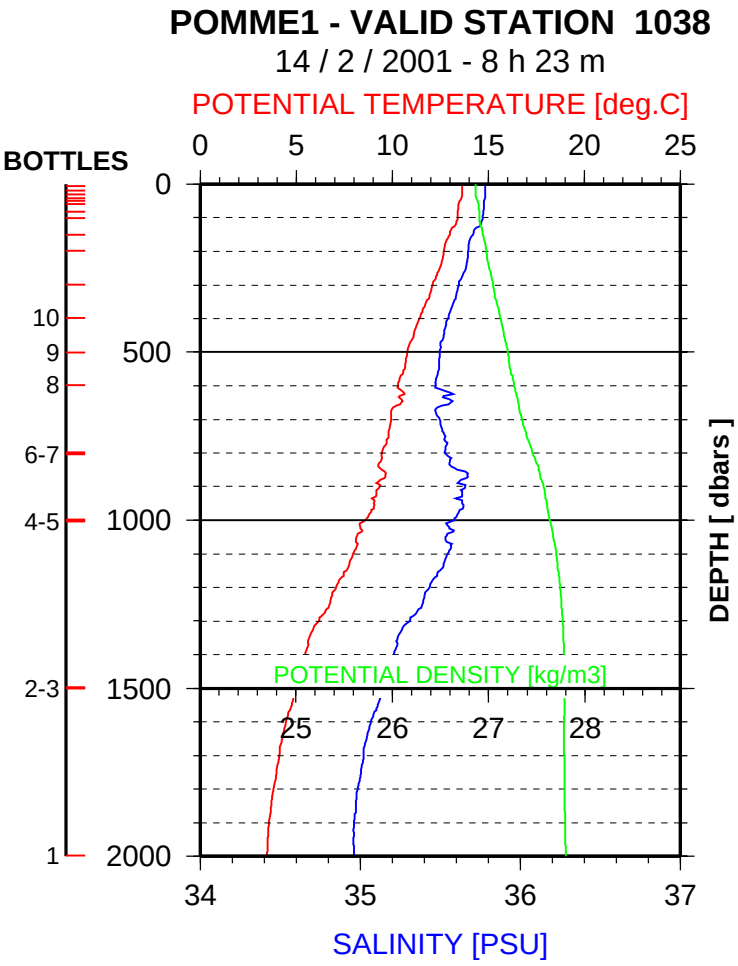

POMME1 - VALID STATION 1033
13 / 2 / 2001 - 5 h 40 m
POTENTIAL TEMPERATURE [deg.C]
0 5 10 15 20 25
BOTTLES
0
500
1000
1500
2000
7
6
5
4
3
2
1
POTENTIAL DENSITY [kg/m3]
25 26 27 28
34 35 36 37
SALINITY [PSU]

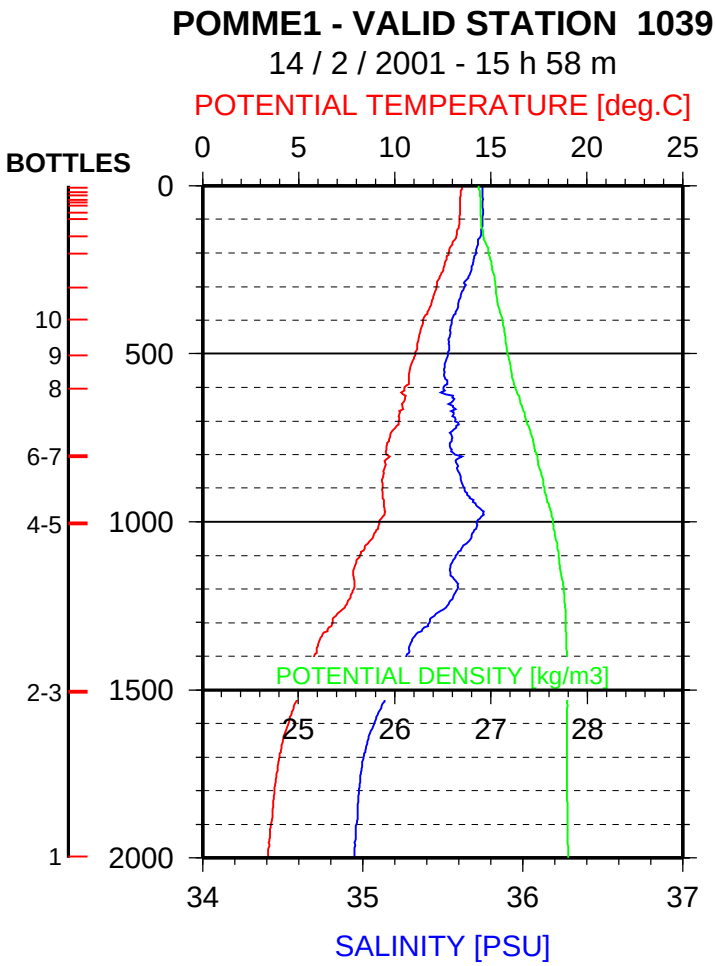

POMME1 - VALID STATION 1034
13 / 2 / 2001 - 10 h 5 m
POTENTIAL TEMPERATURE [deg.C]
0 5 10 15 20 25
BOTTLES
0
500
1000
1500
2000
11
10
9
7-8
5-6
3-4
1-2
POTENTIAL DENSITY [kg/m3]
25 26 27 28
34 35 36 37
SALINITY [PSU]
DEPTH [dbars]

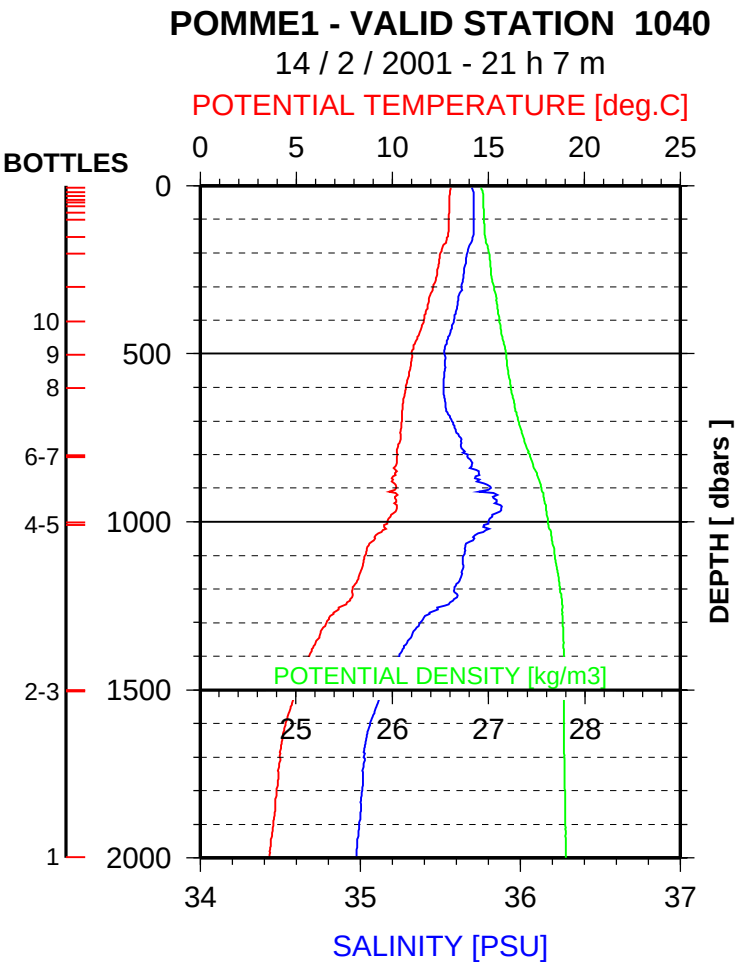

POMME1 - VALID STATION 1035
13 / 2 / 2001 - 16 h 17 m
POTENTIAL TEMPERATURE [deg.C]
0 5 10 15 20 25
BOTTLES
0
500
1000
1500
2000
10
9
8
6-7
4-5
2-3
1
POTENTIAL DENSITY [kg/m3]
25 26 27 28
34 35 36 37
SALINITY [PSU]

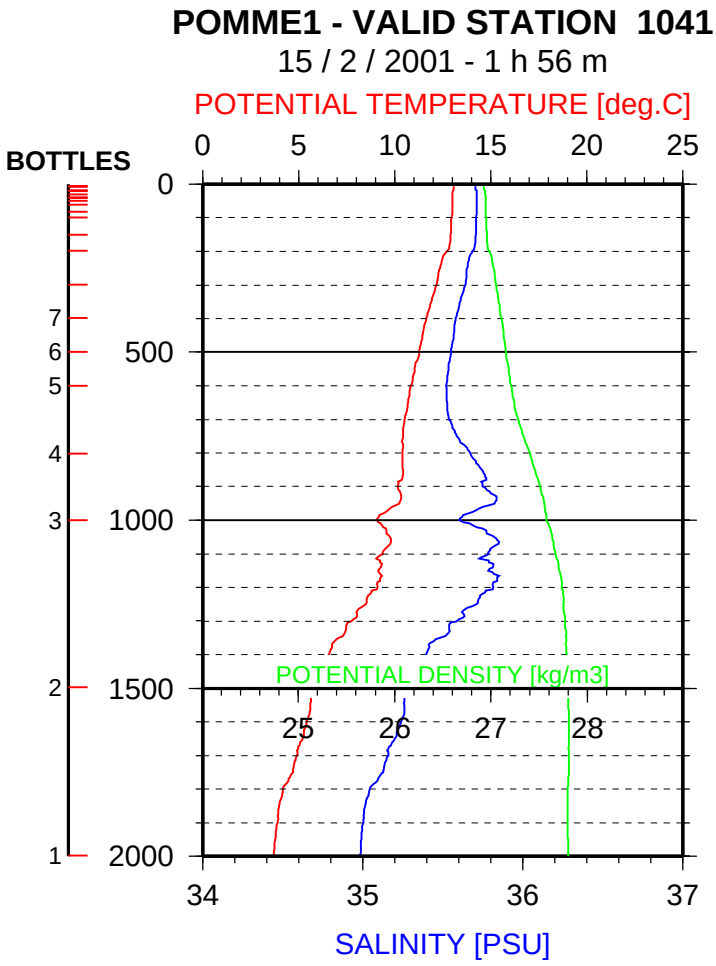

POMME1 - VALID STATION 1036
13 / 2 / 2001 - 20 h 40 m
POTENTIAL TEMPERATURE [deg.C]
0 5 10 15 20 25
BOTTLES
0
500
1000
1500
2000
10
9
8
6-7
4-5
2-3
1
POTENTIAL DENSITY [kg/m3]
25 26 27 28
34 35 36 37
SALINITY [PSU]
DEPTH [dbars]

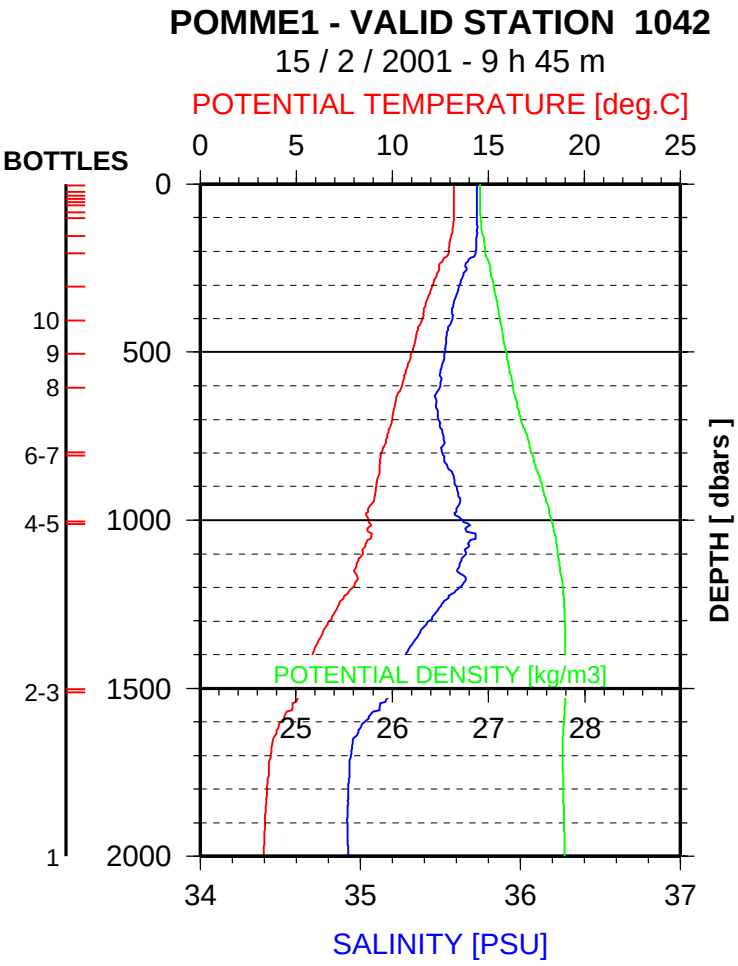

POMME1 - VALID STATION 1037
14 / 2 / 2001 - 2 h 15 m
POTENTIAL TEMPERATURE [deg.C]
BOTTLES
POTENTIAL DENSITY [kg/m3]
SALINITY [PSU]

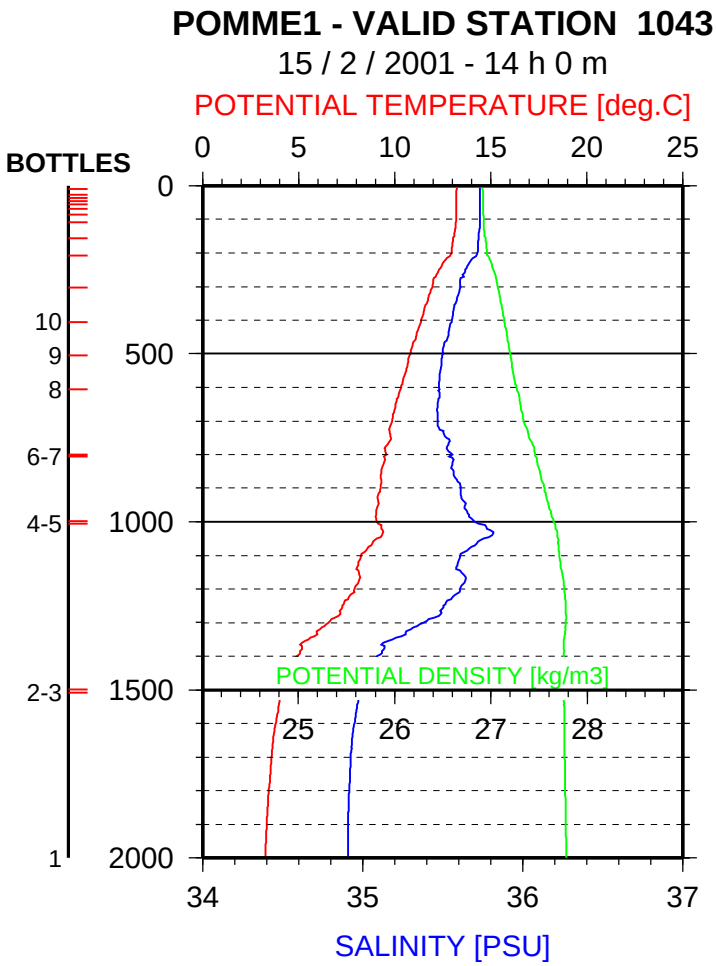

POMME1 - VALID STATION 1038
14 / 2 / 2001 - 8 h 23 m
POTENTIAL TEMPERATURE [deg.C]
BOTTLES
POTENTIAL DENSITY [kg/m3]
SALINITY [PSU]
DEPTH [dbars]

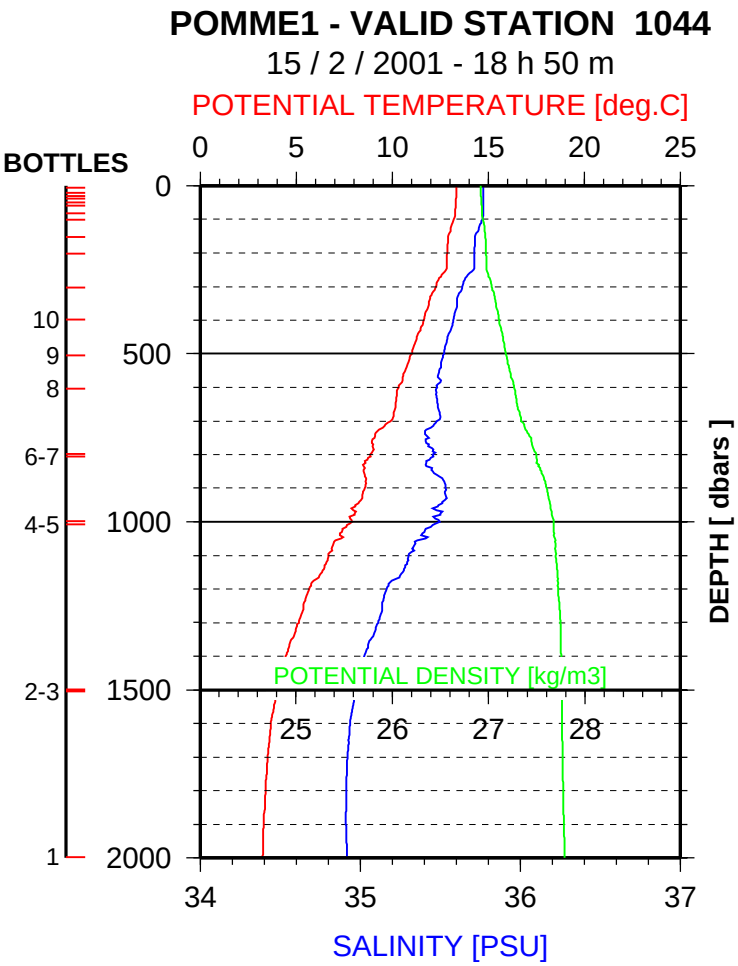

POMME1 - VALID STATION 1039
14 / 2 / 2001 - 15 h 58 m
POTENTIAL TEMPERATURE [deg.C]
BOTTLES
POTENTIAL DENSITY [kg/m3]
SALINITY [PSU]

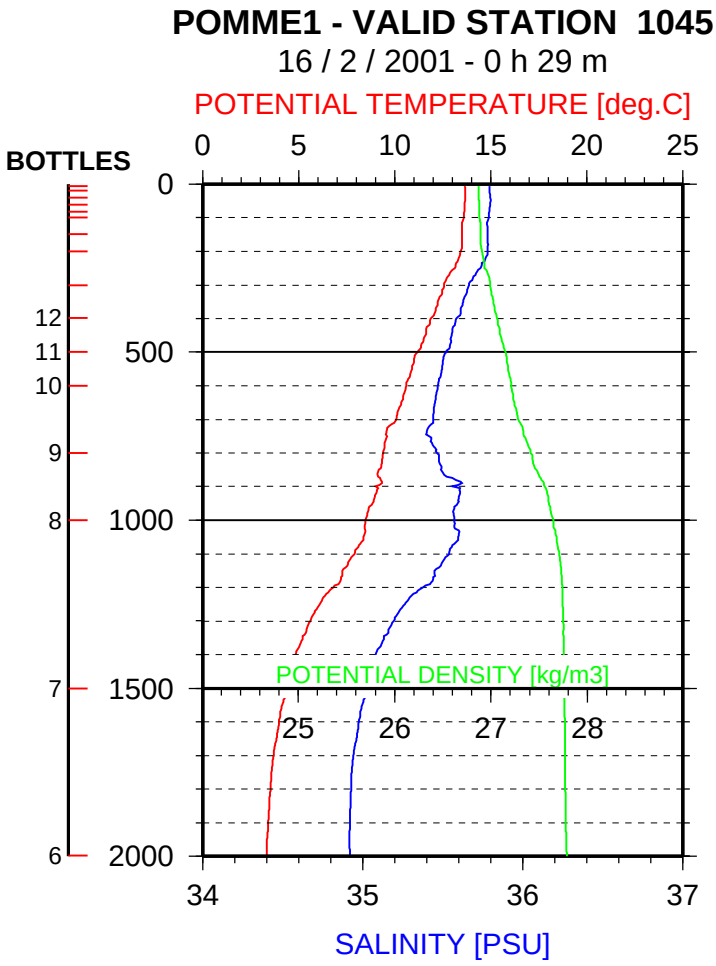

POMME1 - VALID STATION 1040
14 / 2 / 2001 - 21 h 7 m
POTENTIAL TEMPERATURE [deg.C]
BOTTLES
POTENTIAL DENSITY [kg/m3]
SALINITY [PSU]
DEPTH [dbars]

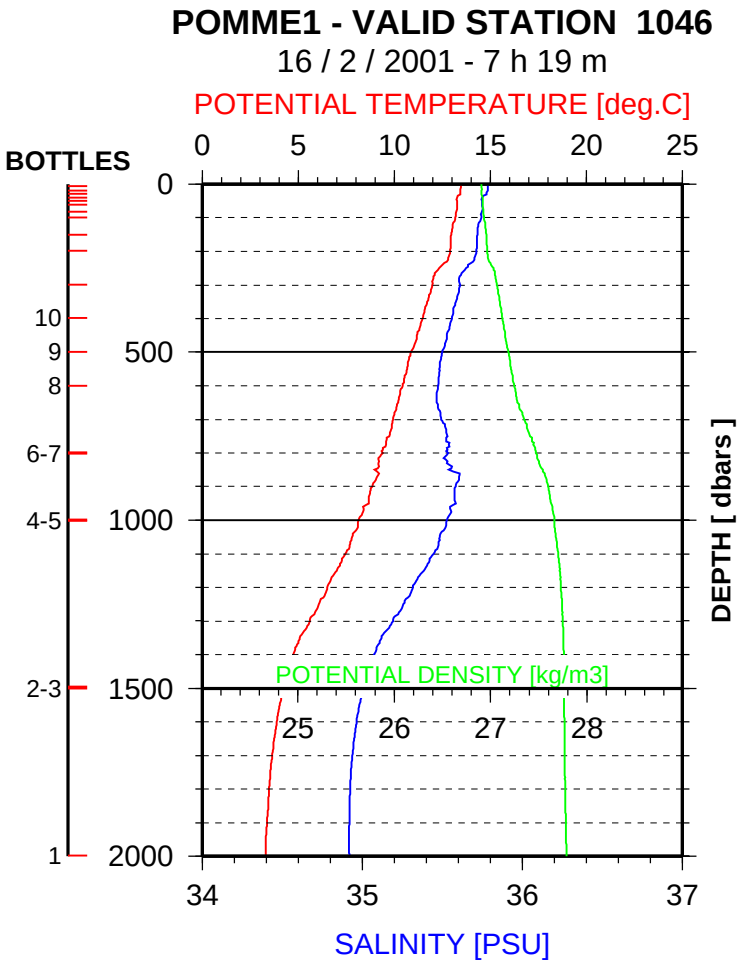

POMME1 - VALID STATION 1041
15 / 2 / 2001 - 1 h 56 m
POTENTIAL TEMPERATURE [deg.C]
BOTTLES
POTENTIAL DENSITY [kg/m3]
SALINITY [PSU]

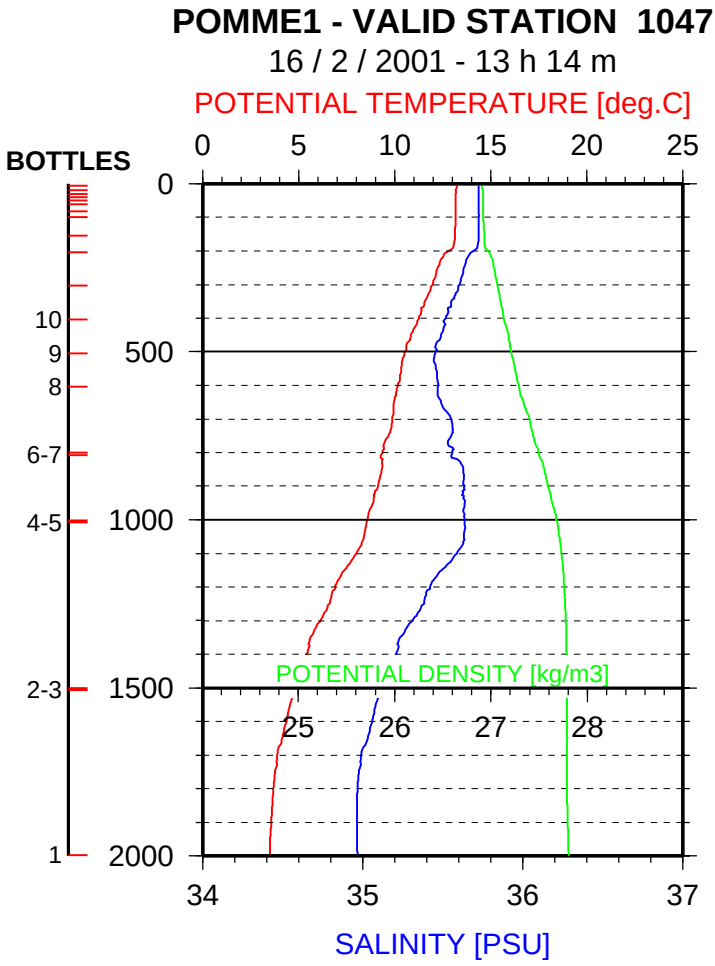

POMME1 - VALID STATION 1042
15 / 2 / 2001 - 9 h 45 m
POTENTIAL TEMPERATURE [deg.C]
BOTTLES
POTENTIAL DENSITY [kg/m3]
SALINITY [PSU]
DEPTH [dbars]

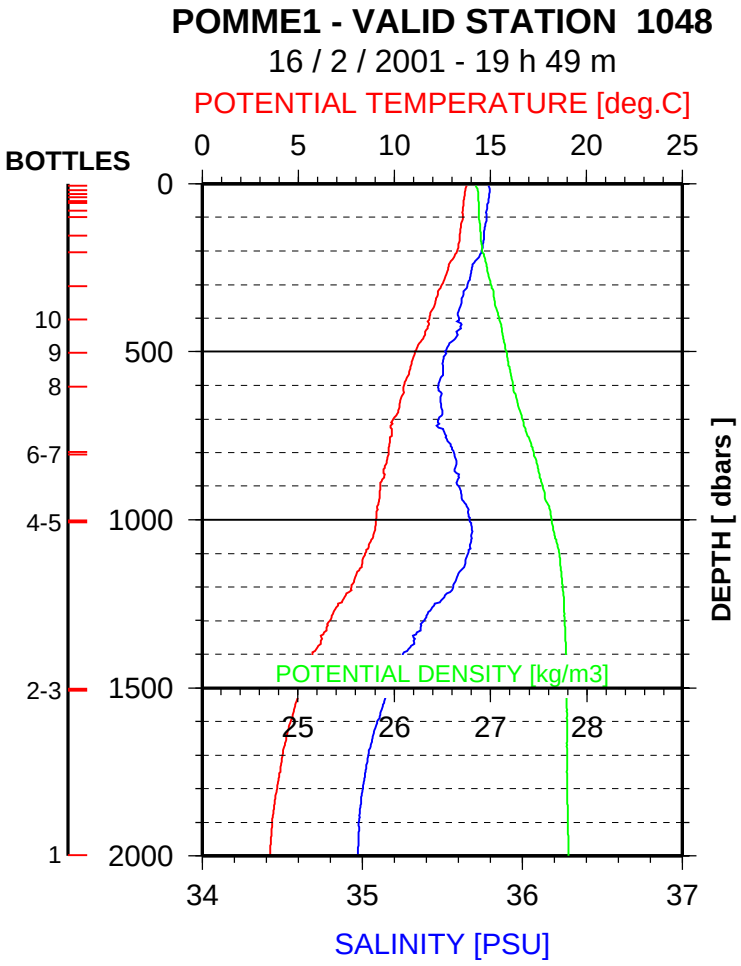

POMME1 - VALID STATION 1043
15 / 2 / 2001 - 14 h 0 m
POTENTIAL TEMPERATURE [deg.C]
BOTTLES
POTENTIAL DENSITY [kg/m3]
SALINITY [PSU]

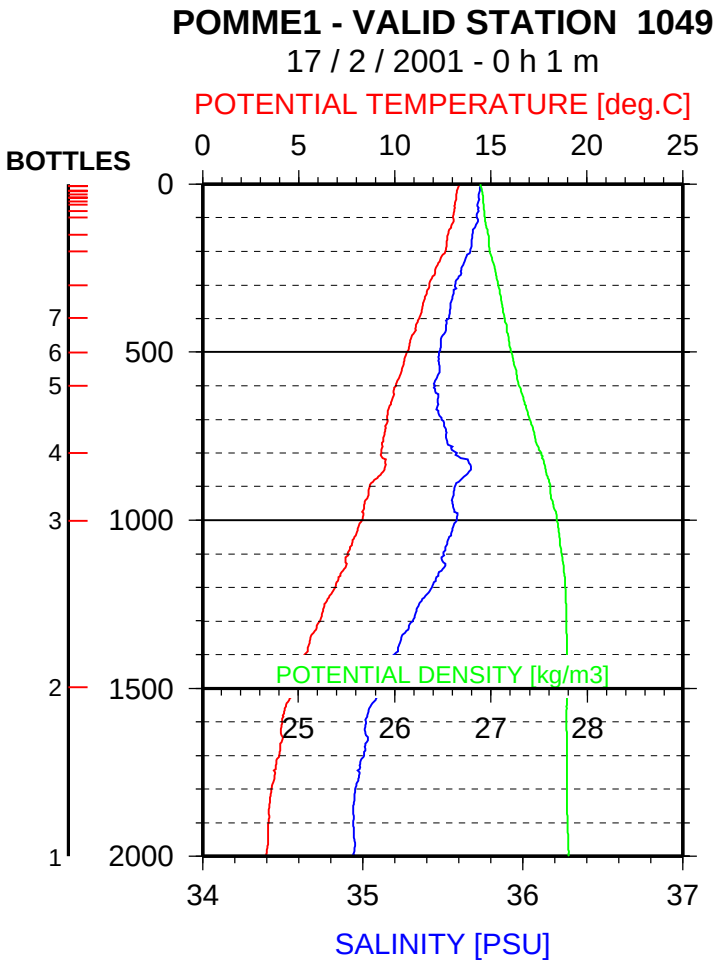

POMME1 - VALID STATION 1044
15 / 2 / 2001 - 18 h 50 m
POTENTIAL TEMPERATURE [deg.C]
BOTTLES
POTENTIAL DENSITY [kg/m3]
SALINITY [PSU]
DEPTH [dbars]

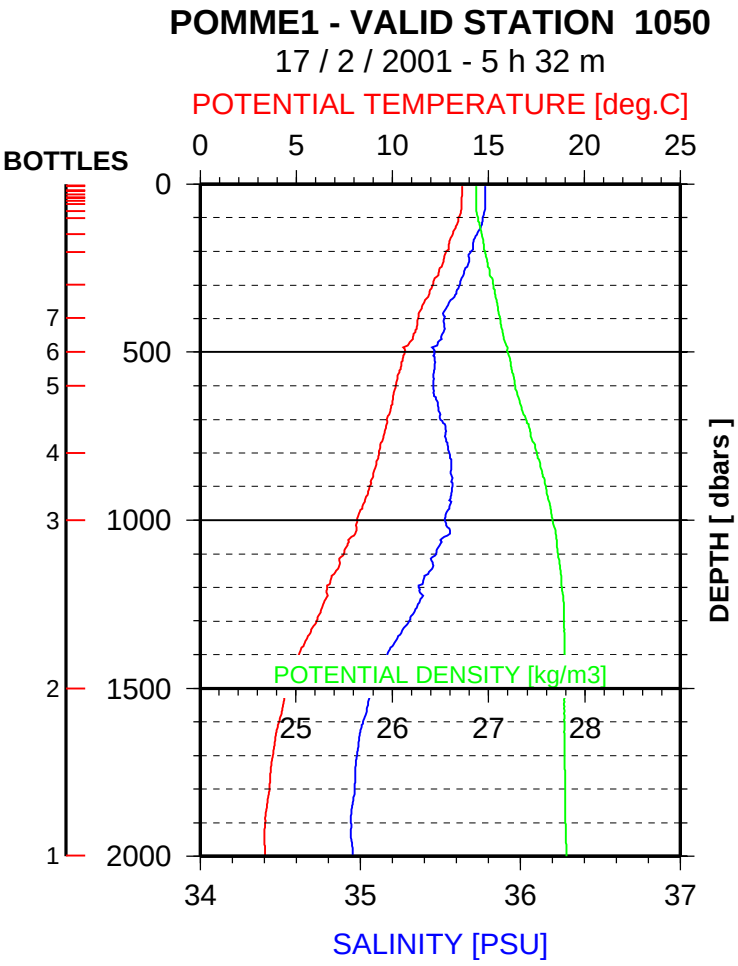

POMME1 - VALID STATION 1045
16 / 2 / 2001 - 0 h 29 m
POTENTIAL TEMPERATURE [deg.C]
0 5 10 15 20 25
BOTTLES
12
11
10
9
8
7
6
0
500
1000
1500
2000
POTENTIAL DENSITY [kg/m3]
25 26 27 28
34 35 36 37
SALINITY [PSU]

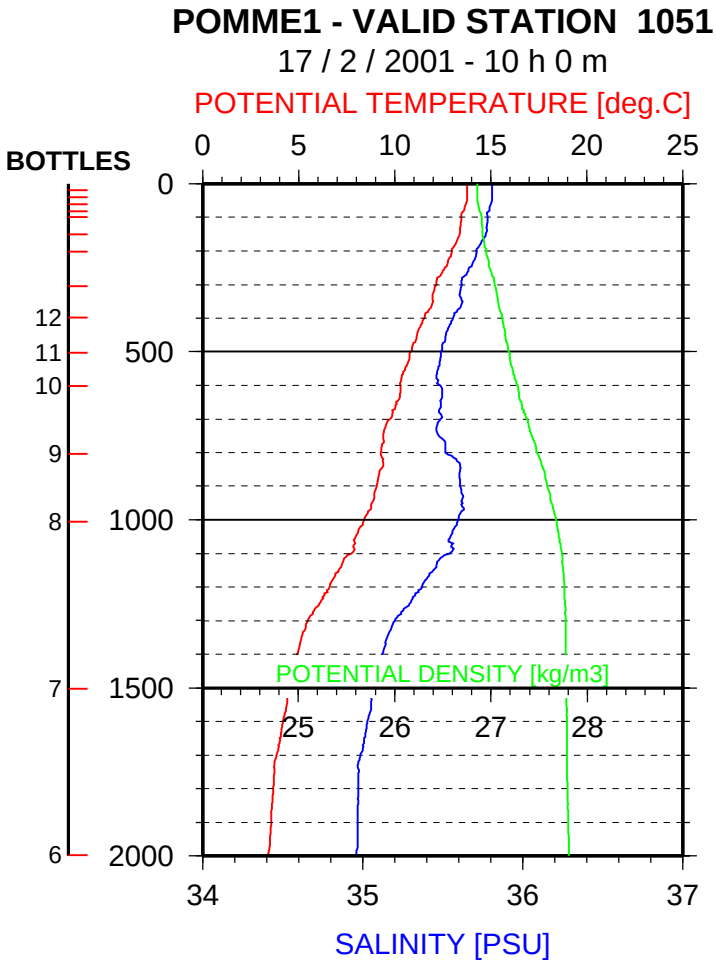

POMME1 - VALID STATION 1046
16 / 2 / 2001 - 7 h 19 m
POTENTIAL TEMPERATURE [deg.C]
0 5 10 15 20 25
BOTTLES
10
9
8
6-7
4-5
2-3
1
0
500
1000
1500
2000
POTENTIAL DENSITY [kg/m3]
25 26 27 28
34 35 36 37
SALINITY [PSU]
DEPTH [dbars]

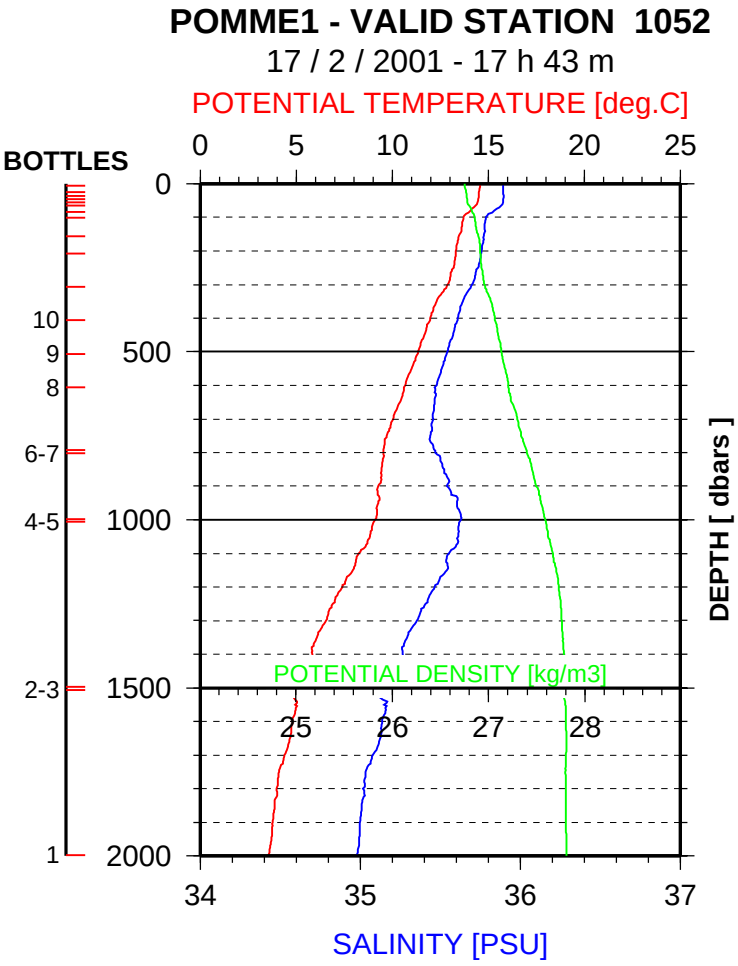

POMME1 - VALID STATION 1047
16 / 2 / 2001 - 13 h 14 m
POTENTIAL TEMPERATURE [deg.C]
0 5 10 15 20 25
BOTTLES
10
9
8
6-7
4-5
2-3
1
0
500
1000
1500
2000
POTENTIAL DENSITY [kg/m3]
25 26 27 28
34 35 36 37
SALINITY [PSU]

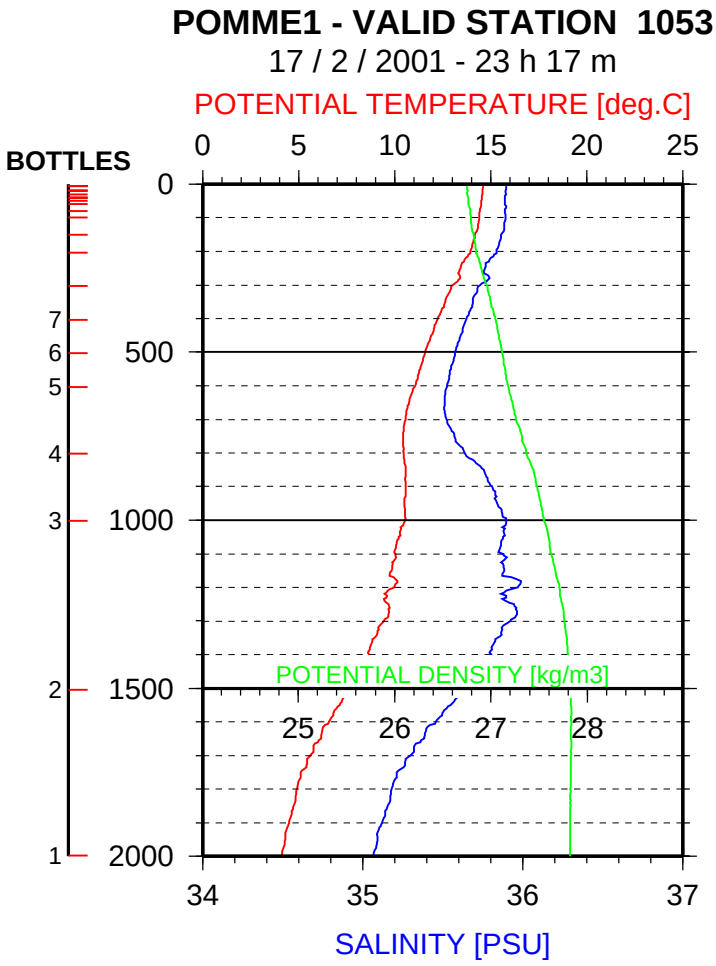

POMME1 - VALID STATION 1048
16 / 2 / 2001 - 19 h 49 m
POTENTIAL TEMPERATURE [deg.C]
0 5 10 15 20 25
BOTTLES
10
9
8
6-7
4-5
2-3
1
0
500
1000
1500
2000
POTENTIAL DENSITY [kg/m3]
25 26 27 28
34 35 36 37
SALINITY [PSU]
DEPTH [dbars]

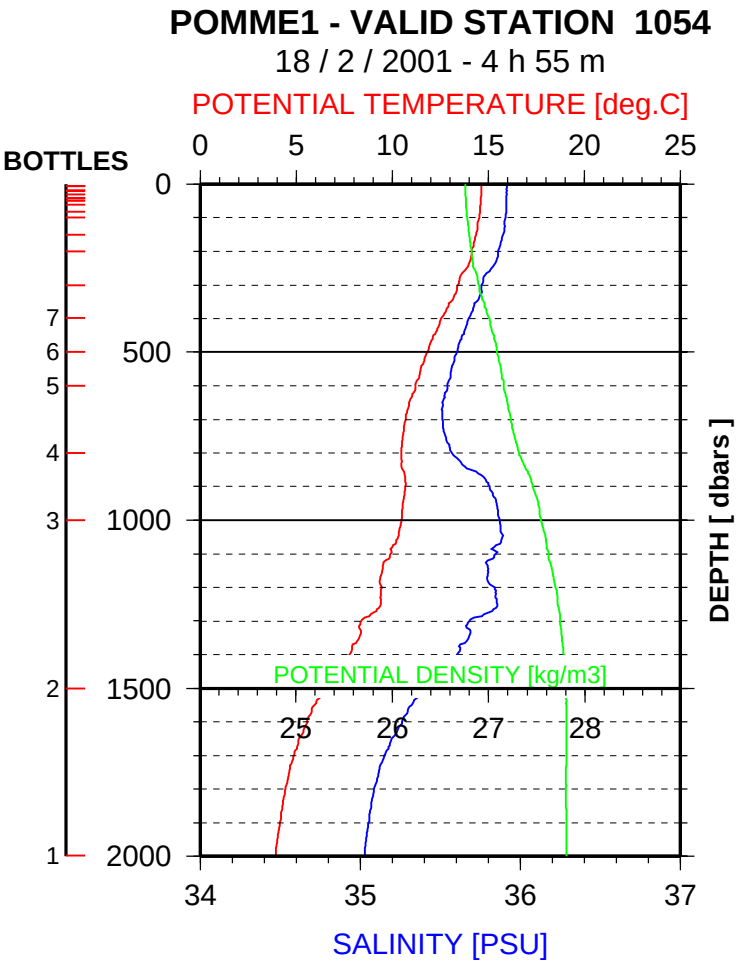

POMME1 - VALID STATION 1049
17 / 2 / 2001 - 0 h 1 m
POTENTIAL TEMPERATURE [deg.C]
BOTTLES
POTENTIAL DENSITY [kg/m3]
SALINITY [PSU]

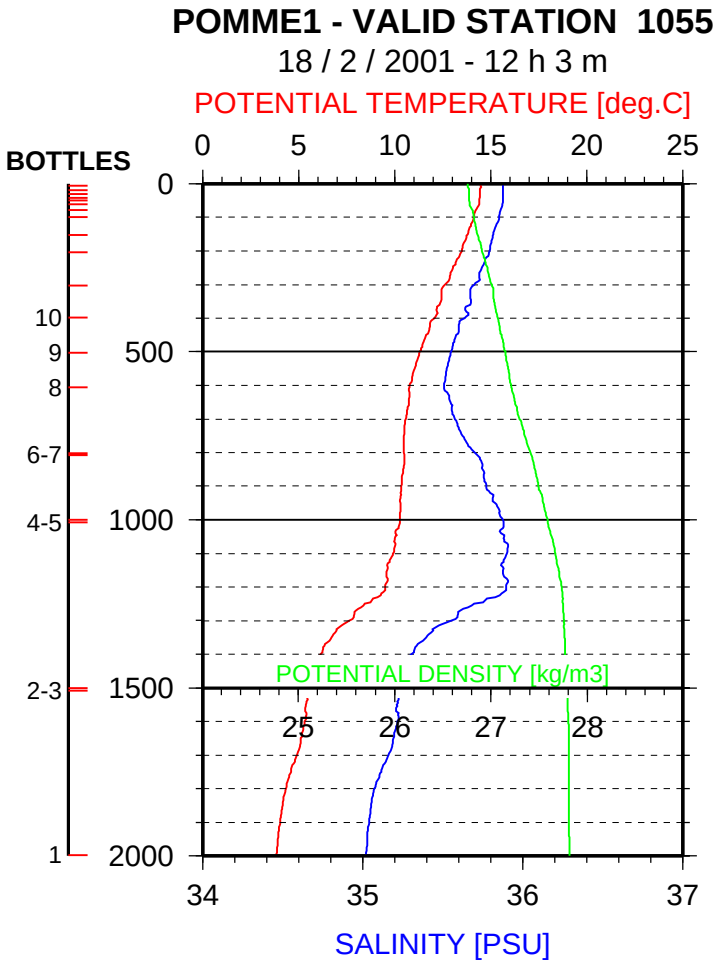

POMME1 - VALID STATION 1050
17 / 2 / 2001 - 5 h 32 m
POTENTIAL TEMPERATURE [deg.C]
BOTTLES
DEPTH [dbars]
POTENTIAL DENSITY [kg/m3]
SALINITY [PSU]

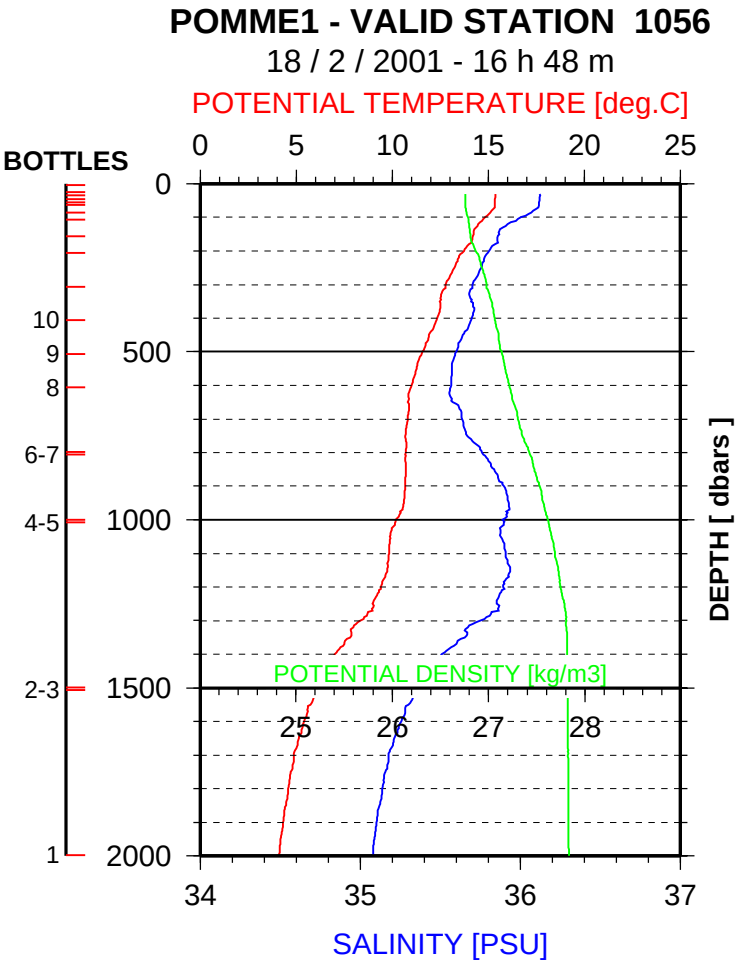

POMME1 - VALID STATION 1051
17 / 2 / 2001 - 10 h 0 m
POTENTIAL TEMPERATURE [deg.C]
BOTTLES
POTENTIAL DENSITY [kg/m3]
SALINITY [PSU]


POMME1 - VALID STATION 1052
17 / 2 / 2001 - 17 h 43 m
POTENTIAL TEMPERATURE [deg.C]
BOTTLES
DEPTH [dbars]
POTENTIAL DENSITY [kg/m3]
SALINITY [PSU]


POMME1 - VALID STATION 1053
17 / 2 / 2001 - 23 h 17 m
POTENTIAL TEMPERATURE [deg.C]
0 5 10 15 20 25
BOTTLES
0
7
6
5
4
3
2
1
500
1000
1500
2000
POTENTIAL DENSITY [kg/m3]
25 26 27 28
34 35 36 37
SALINITY [PSU]

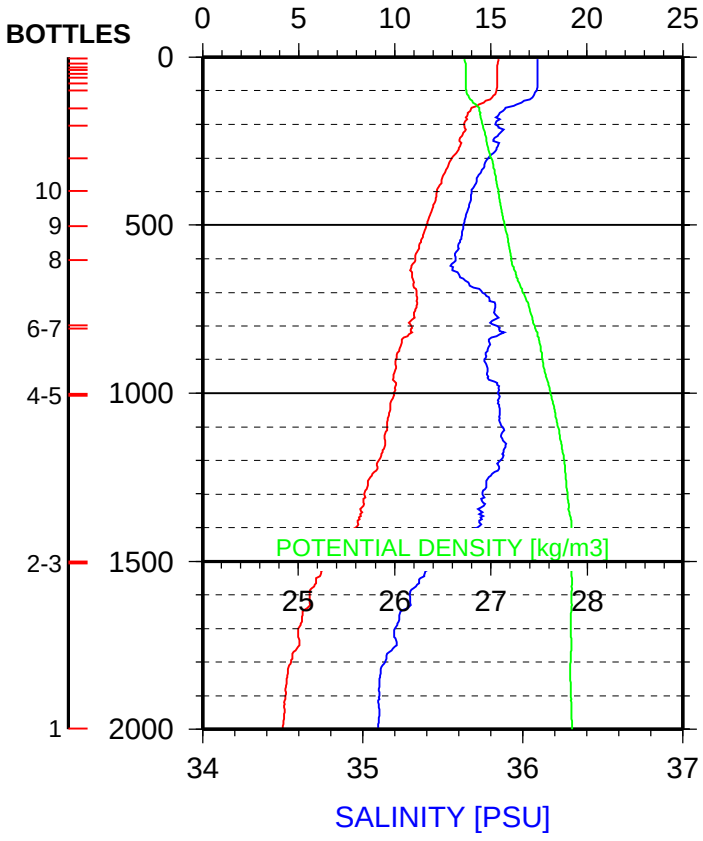

POMME1 - VALID STATION 1054
18 / 2 / 2001 - 4 h 55 m
POTENTIAL TEMPERATURE [deg.C]
0 5 10 15 20 25
BOTTLES
0
7
6
5
4
3
2
1
500
1000
1500
2000
POTENTIAL DENSITY [kg/m3]
25 26 27 28
34 35 36 37
SALINITY [PSU]
DEPTH [dbars]


POMME1 - VALID STATION 1055
18 / 2 / 2001 - 12 h 3 m
POTENTIAL TEMPERATURE [deg.C]
0 5 10 15 20 25
BOTTLES
0
10
9
8
6-7
4-5
2-3
1
500
1000
1500
2000
POTENTIAL DENSITY [kg/m3]
25 26 27 28
34 35 36 37
SALINITY [PSU]


POMME1 - VALID STATION 1056
18 / 2 / 2001 - 16 h 48 m
POTENTIAL TEMPERATURE [deg.C]
0 5 10 15 20 25
BOTTLES
0
10
9
8
6-7
4-5
2-3
1
500
1000
1500
2000
POTENTIAL DENSITY [kg/m3]
25 26 27 28
34 35 36 37
SALINITY [PSU]
DEPTH [dbars]

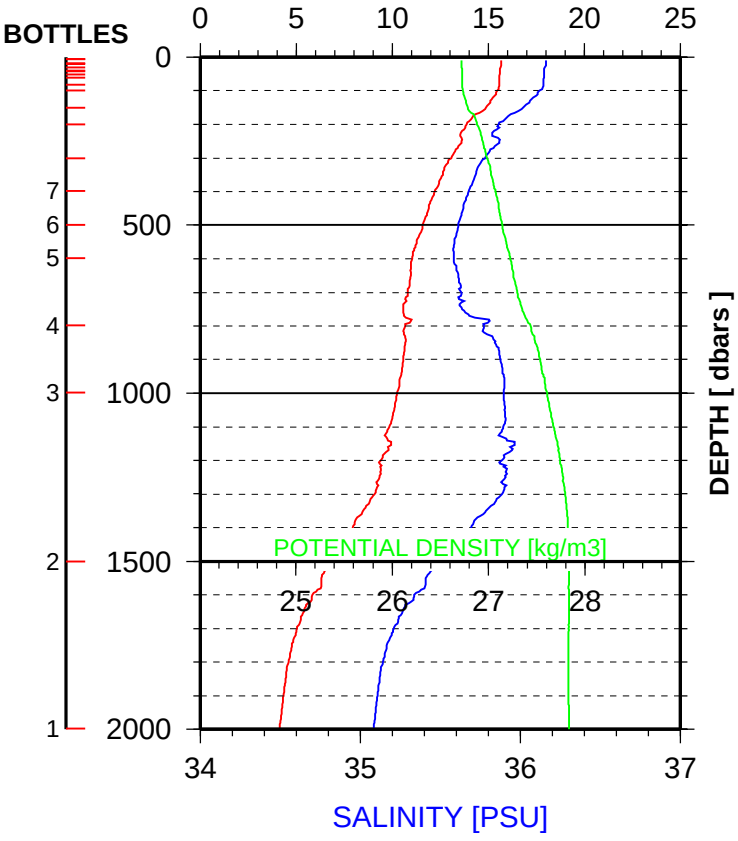
POMME1 - VALID STATION 1057

18 / 2 / 2001 - 21 h 27 m



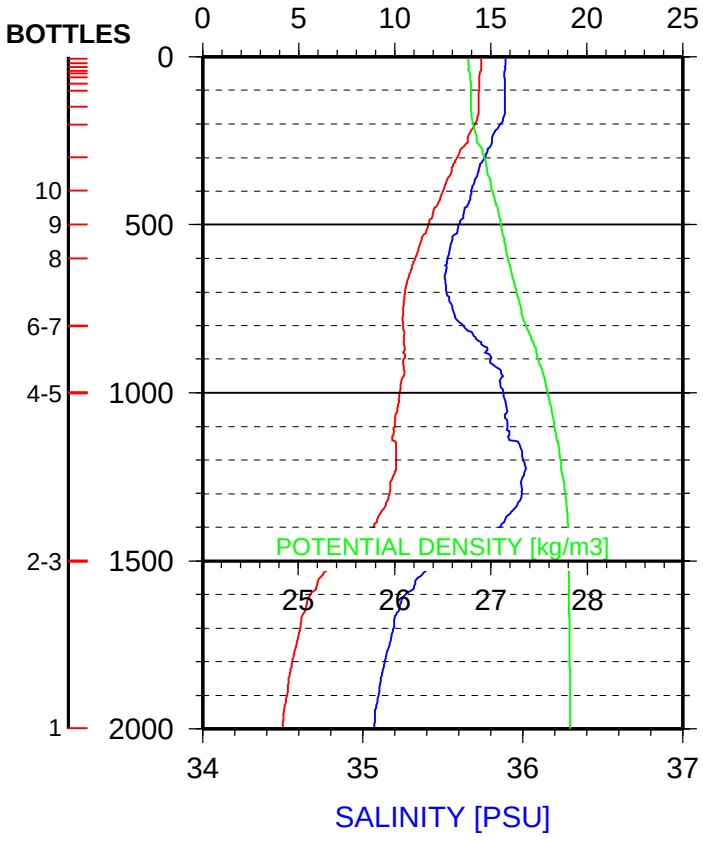
POMME1 - VALID STATION 1058

19 / 2 / 2001 - 2 h 31 m



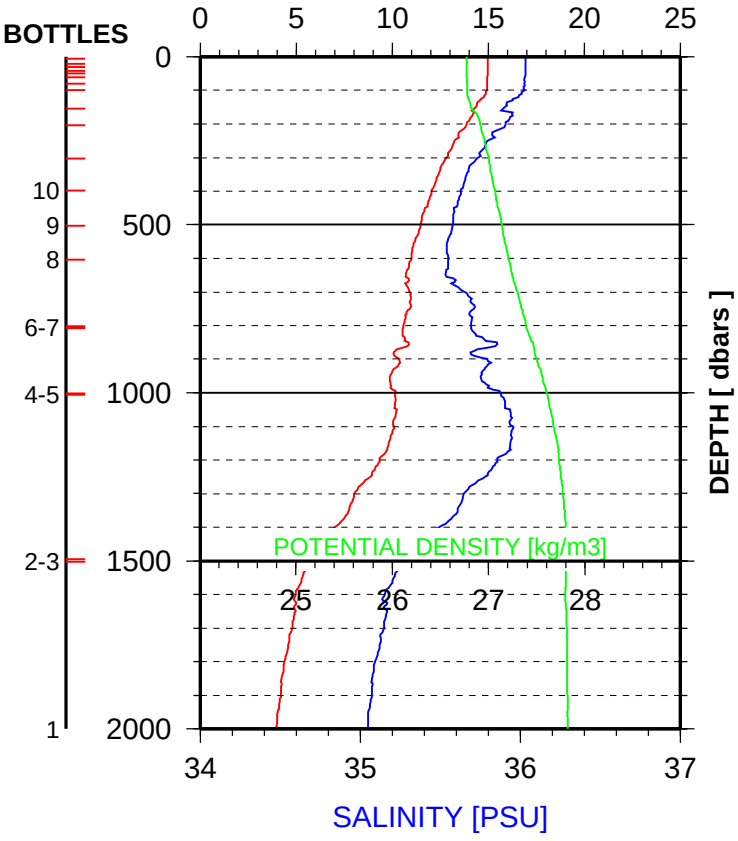
POMME1 - VALID STATION 1059

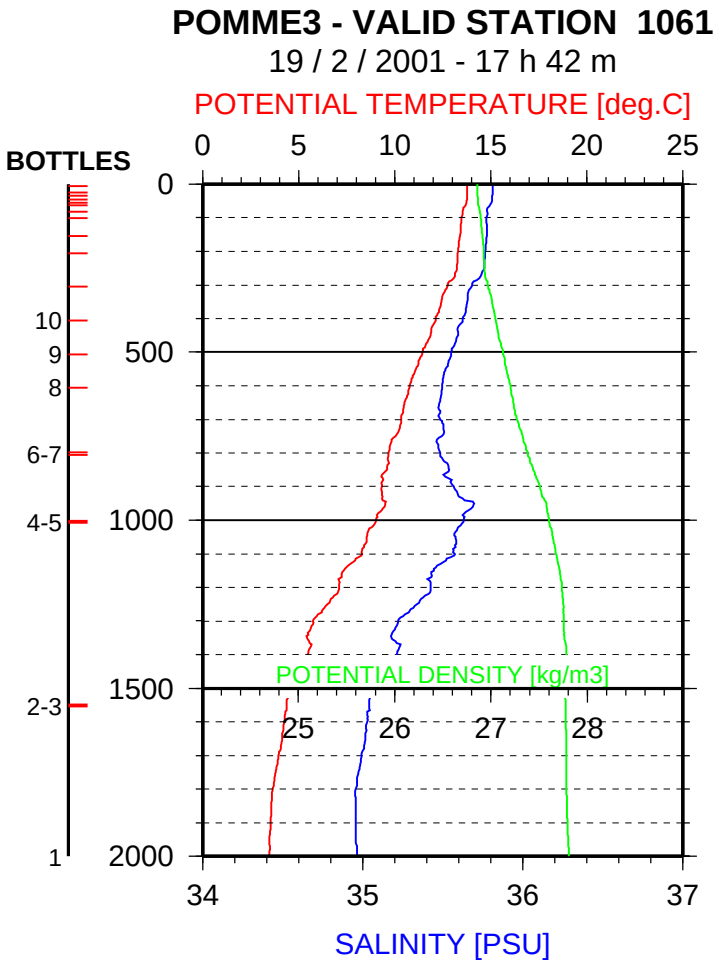
19 / 2 / 2001 - 7 h 30 m

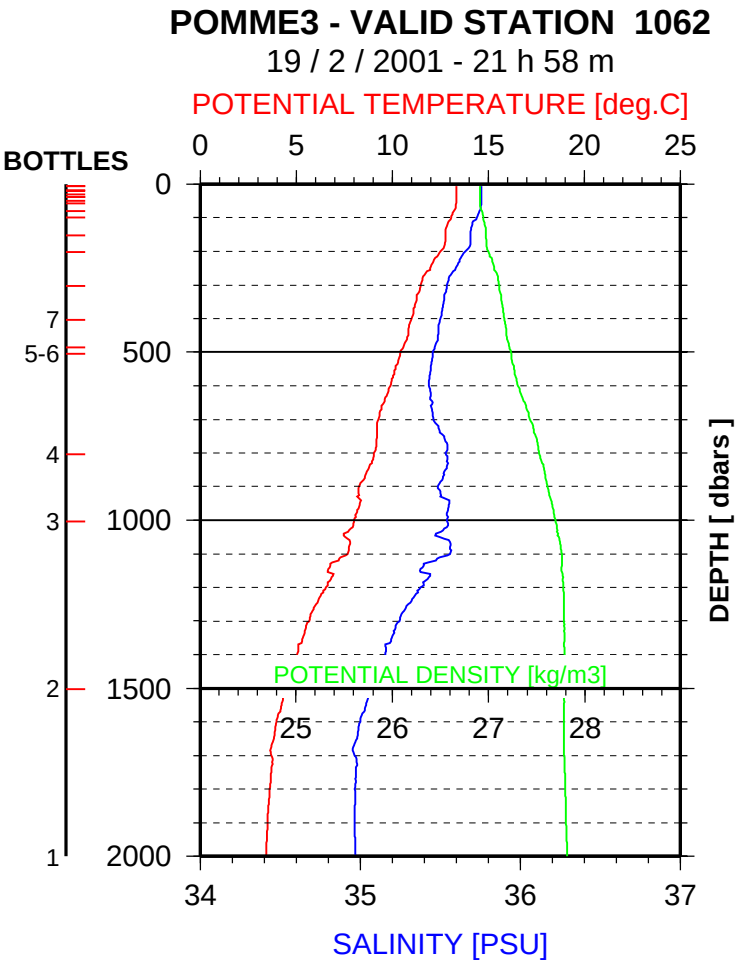


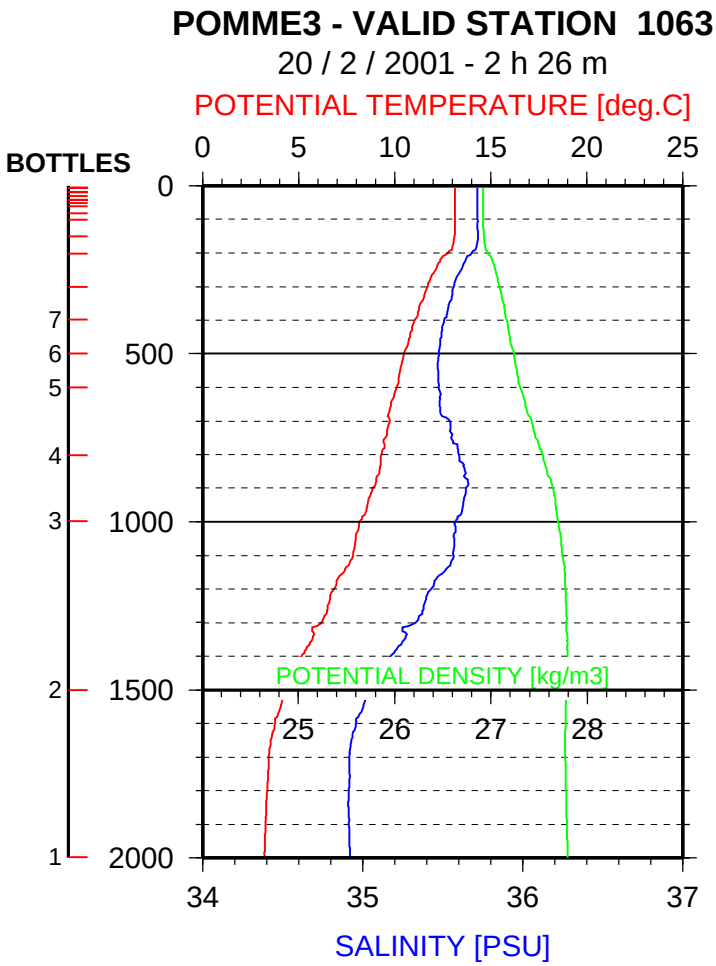
POMME1 - VALID STATION 1060

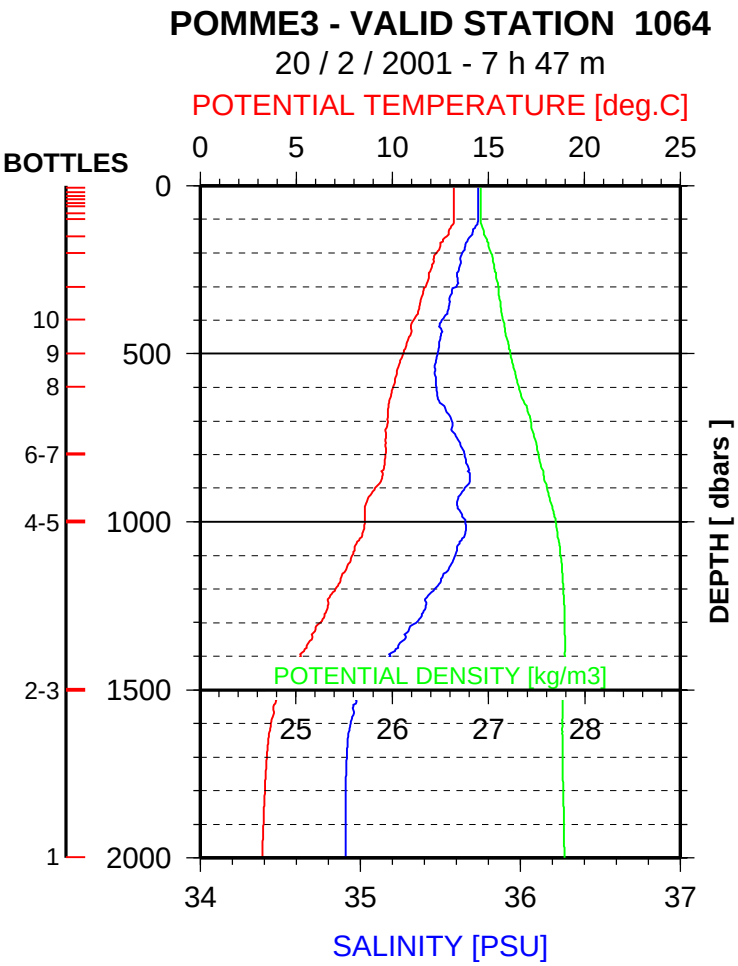
19 / 2 / 2001 - 11 h 41 m

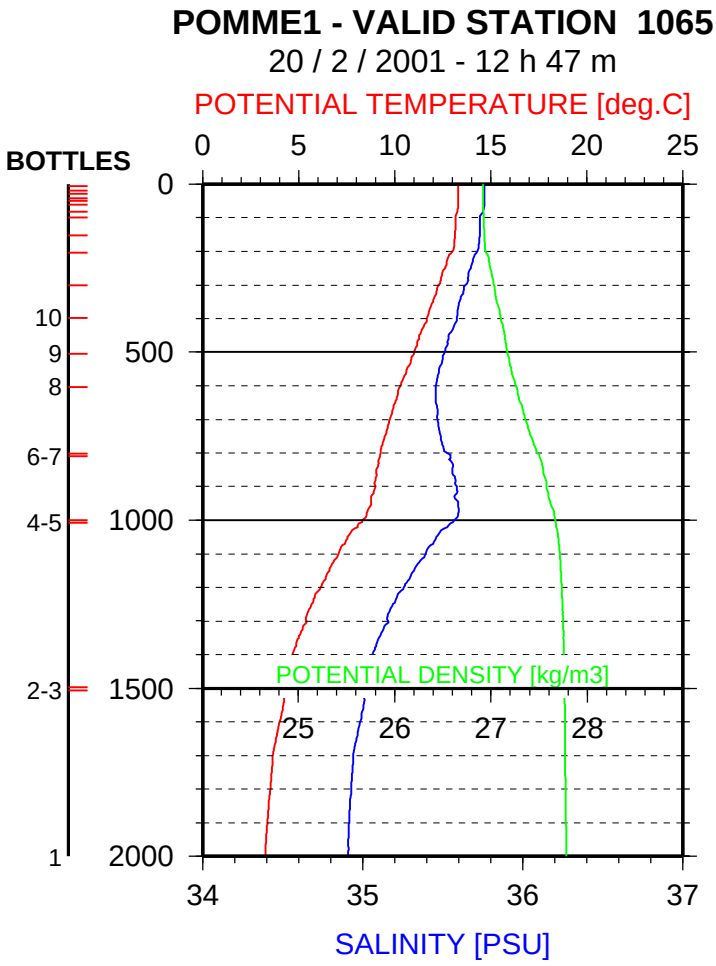


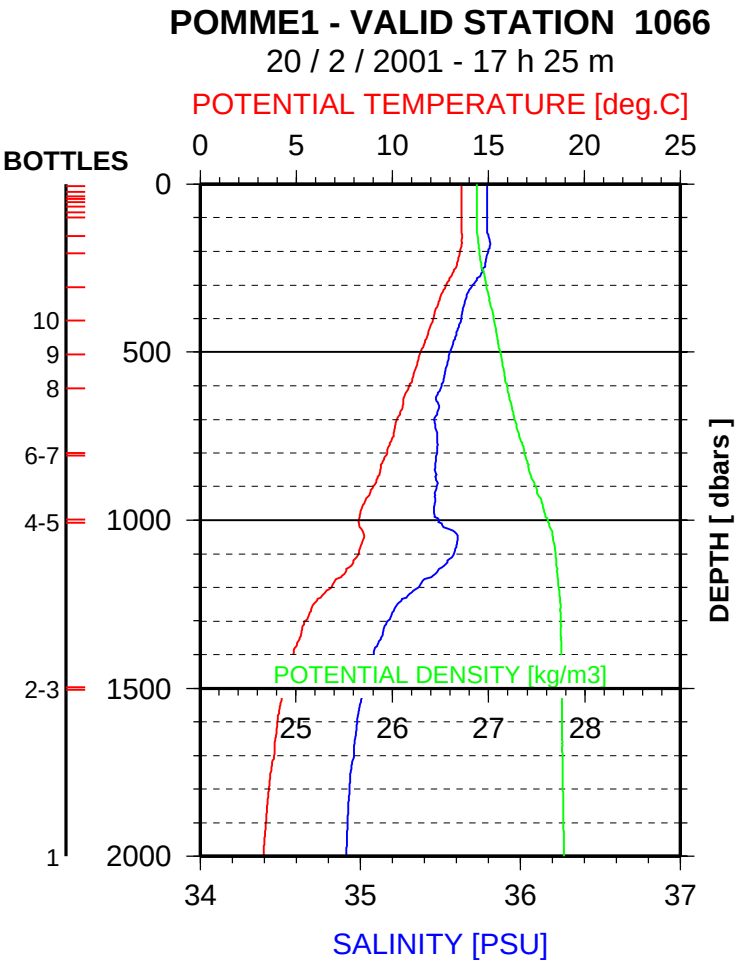

POMME3 - VALID STATION 1061
19 / 2 / 2001 - 17 h 42 m
POTENTIAL TEMPERATURE [deg.C]
BOTTLES
POTENTIAL DENSITY [kg/m3]
SALINITY [PSU]

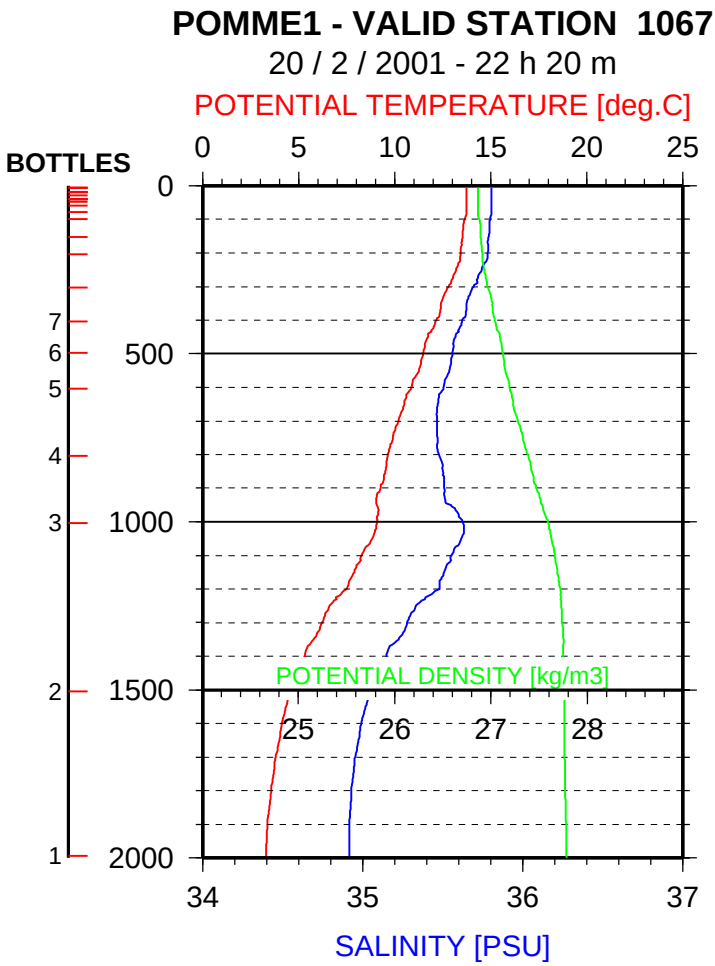

POMME3 - VALID STATION 1062
19 / 2 / 2001 - 21 h 58 m
POTENTIAL TEMPERATURE [deg.C]
BOTTLES
POTENTIAL DENSITY [kg/m3]
SALINITY [PSU]
DEPTH [dbars]

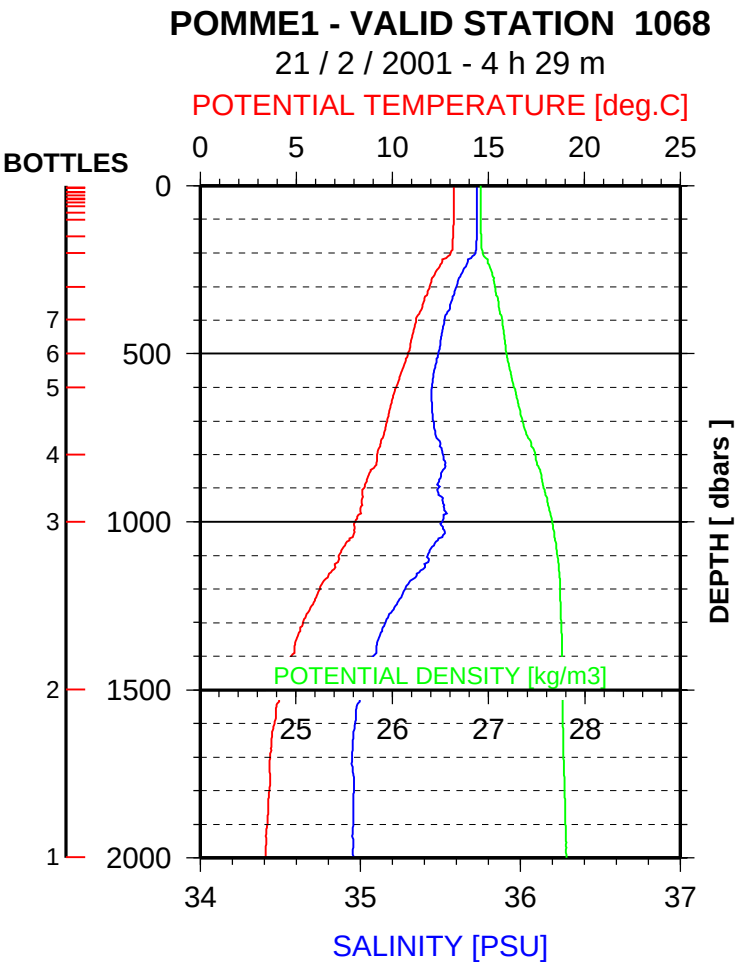

POMME3 - VALID STATION 1063
20 / 2 / 2001 - 2 h 26 m
POTENTIAL TEMPERATURE [deg.C]
BOTTLES
POTENTIAL DENSITY [kg/m3]
SALINITY [PSU]

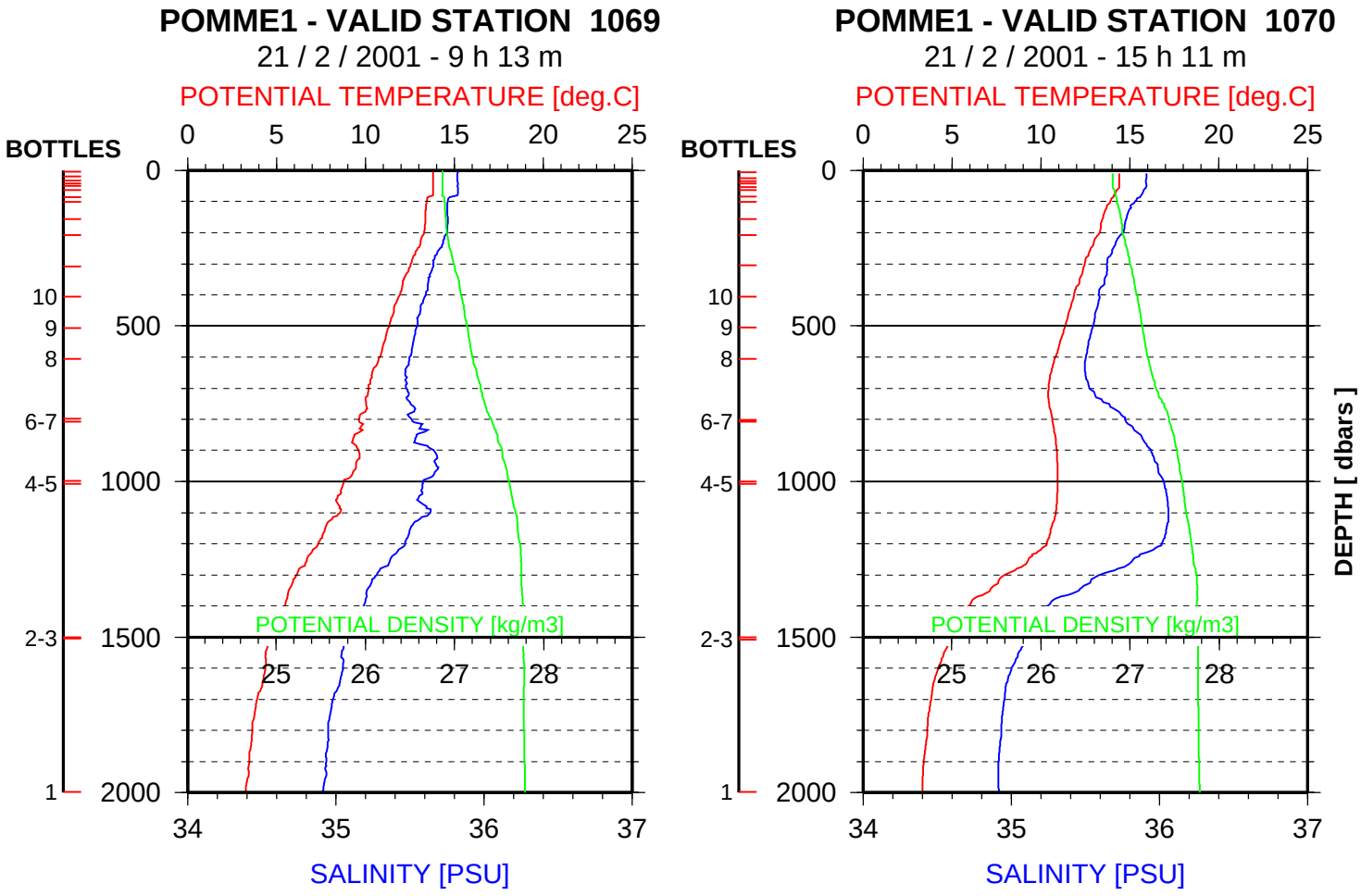

POMME3 - VALID STATION 1064
20 / 2 / 2001 - 7 h 47 m
POTENTIAL TEMPERATURE [deg.C]
BOTTLES
POTENTIAL DENSITY [kg/m3]
SALINITY [PSU]
DEPTH [dbars]


POMME1 - VALID STATION 1065
20 / 2 / 2001 - 12 h 47 m
POTENTIAL TEMPERATURE [deg.C]
BOTTLES
POTENTIAL DENSITY [kg/m3]
SALINITY [PSU]

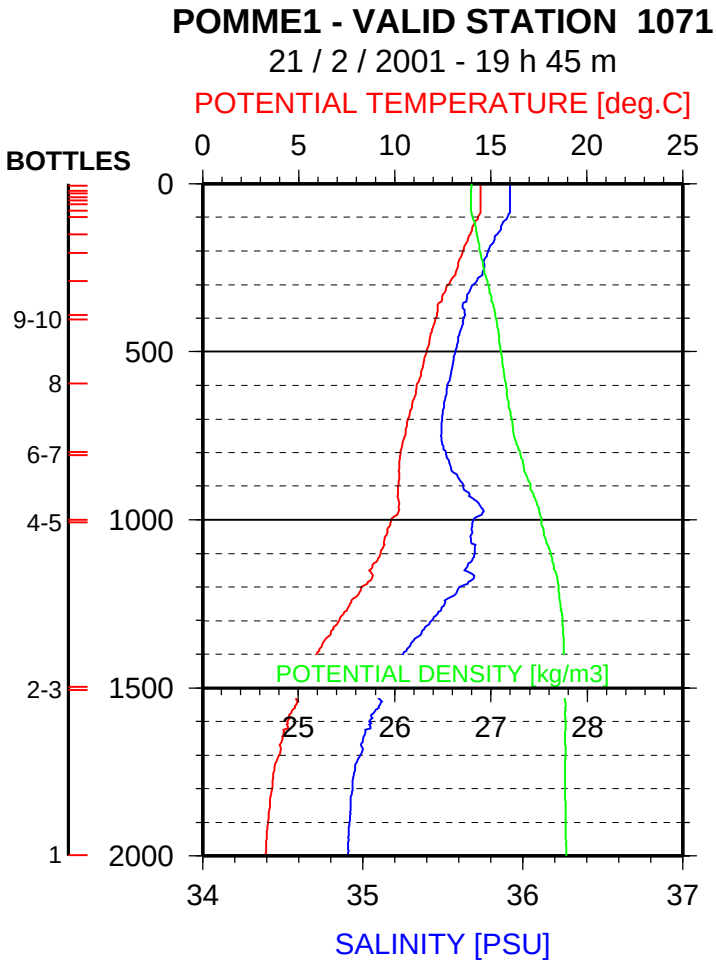

POMME1 - VALID STATION 1066
20 / 2 / 2001 - 17 h 25 m
POTENTIAL TEMPERATURE [deg.C]
BOTTLES
POTENTIAL DENSITY [kg/m3]
SALINITY [PSU]
DEPTH [dbars]

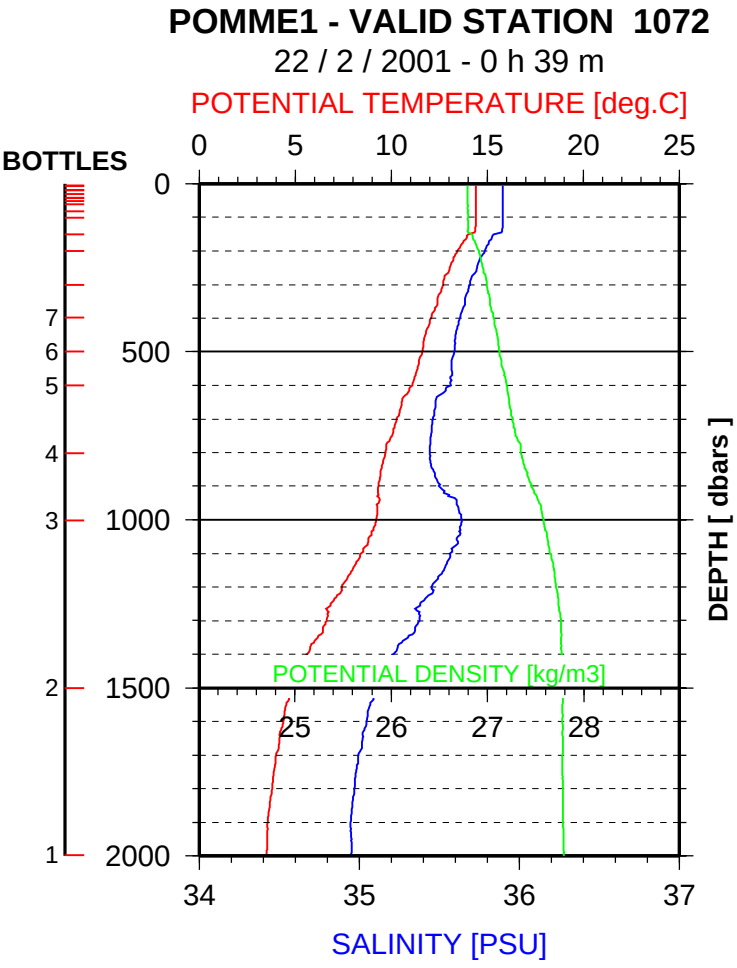

POMME1 - VALID STATION 1067
20 / 2 / 2001 - 22 h 20 m
POTENTIAL TEMPERATURE [deg.C]
BOTTLES
POTENTIAL DENSITY [kg/m3]
SALINITY [PSU]

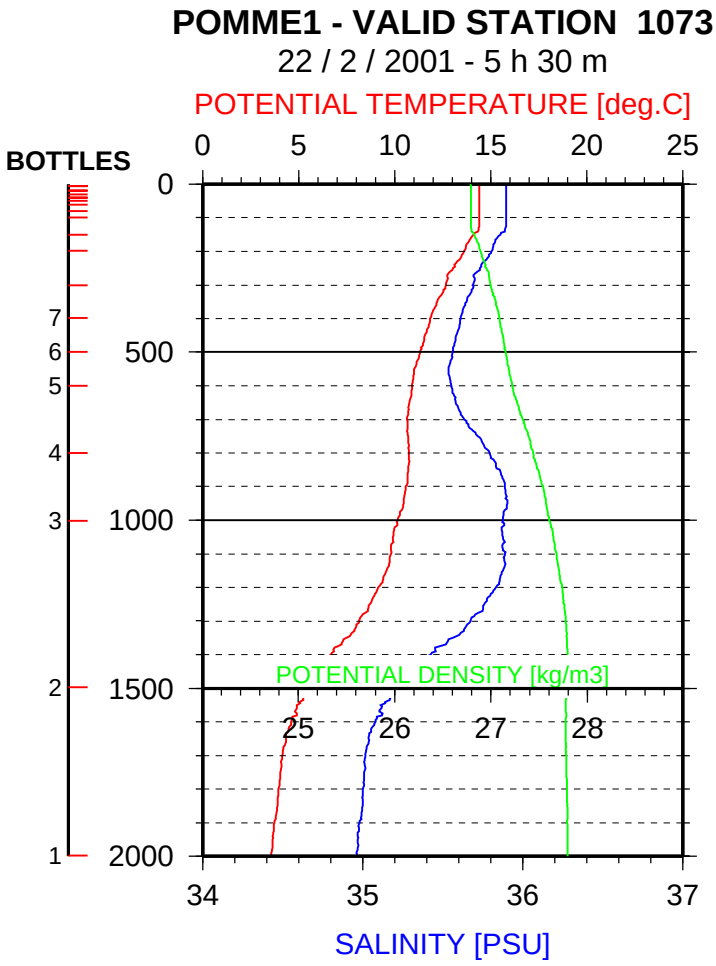

POMME1 - VALID STATION 1068
21 / 2 / 2001 - 4 h 29 m
POTENTIAL TEMPERATURE [deg.C]
BOTTLES
POTENTIAL DENSITY [kg/m3]
SALINITY [PSU]
DEPTH [dbars]

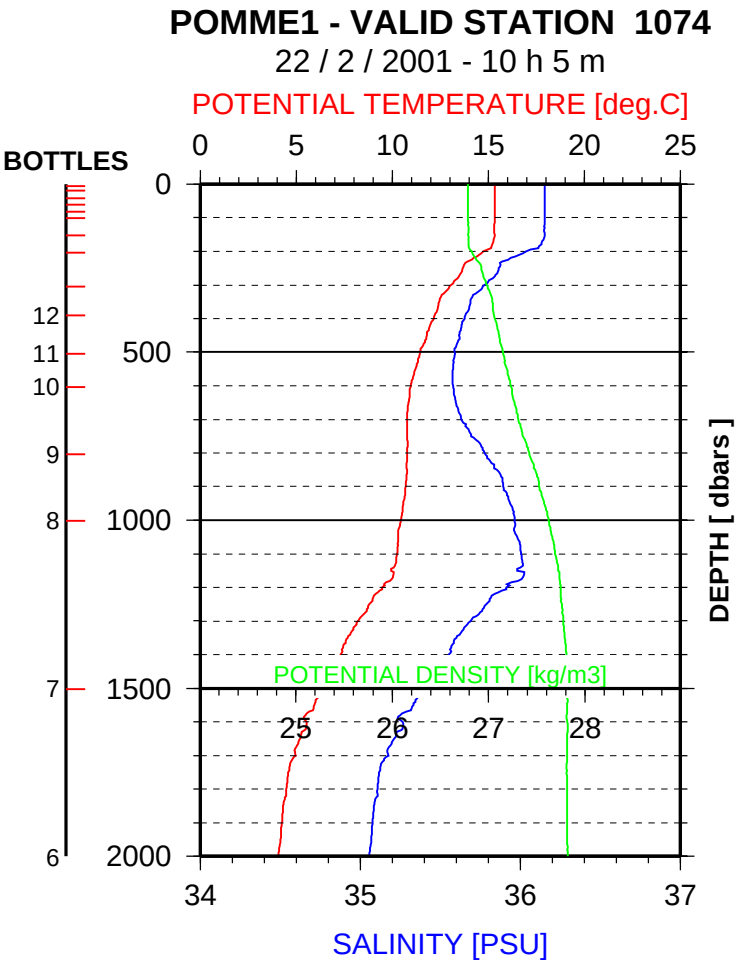

POMME1 - VALID STATION 1069
21 / 2 / 2001 - 9 h 13 m
POTENTIAL TEMPERATURE [deg.C]
BOTTLES
DEPTH [dbars]
POTENTIAL DENSITY [kg/m3]
SALINITY [PSU]

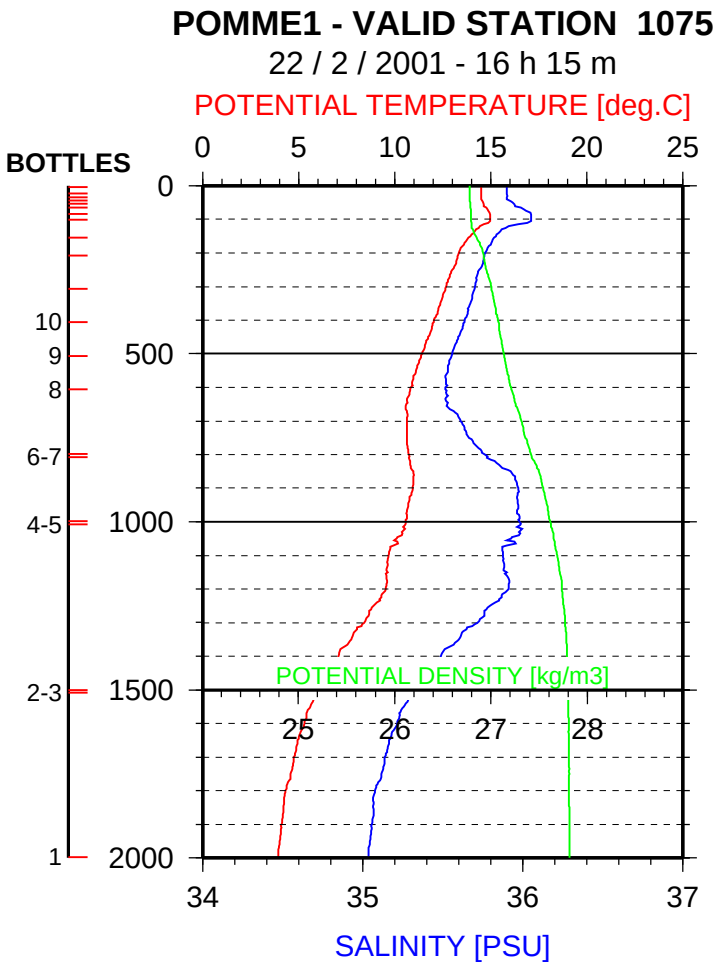
POMME1 - VALID STATION 1070
21 / 2 / 2001 - 15 h 11 m
POTENTIAL TEMPERATURE [deg.C]
BOTTLES
DEPTH [dbars]
POTENTIAL DENSITY [kg/m3]
SALINITY [PSU]

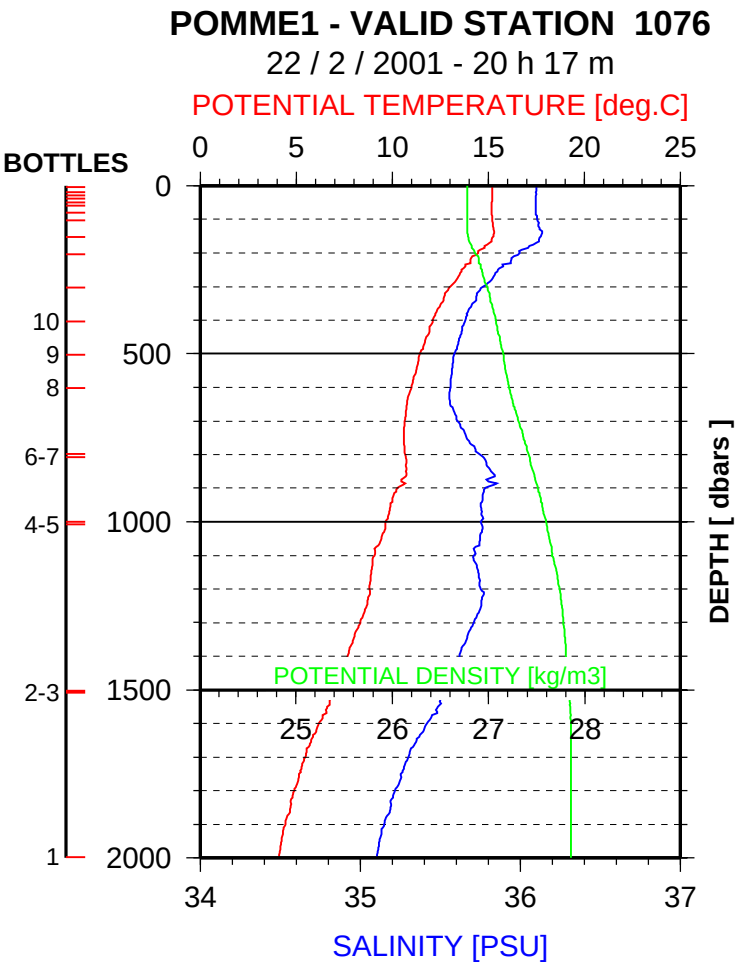

POMME1 - VALID STATION 1071
21 / 2 / 2001 - 19 h 45 m
POTENTIAL TEMPERATURE [deg.C]
BOTTLES
POTENTIAL DENSITY [kg/m3]
SALINITY [PSU]

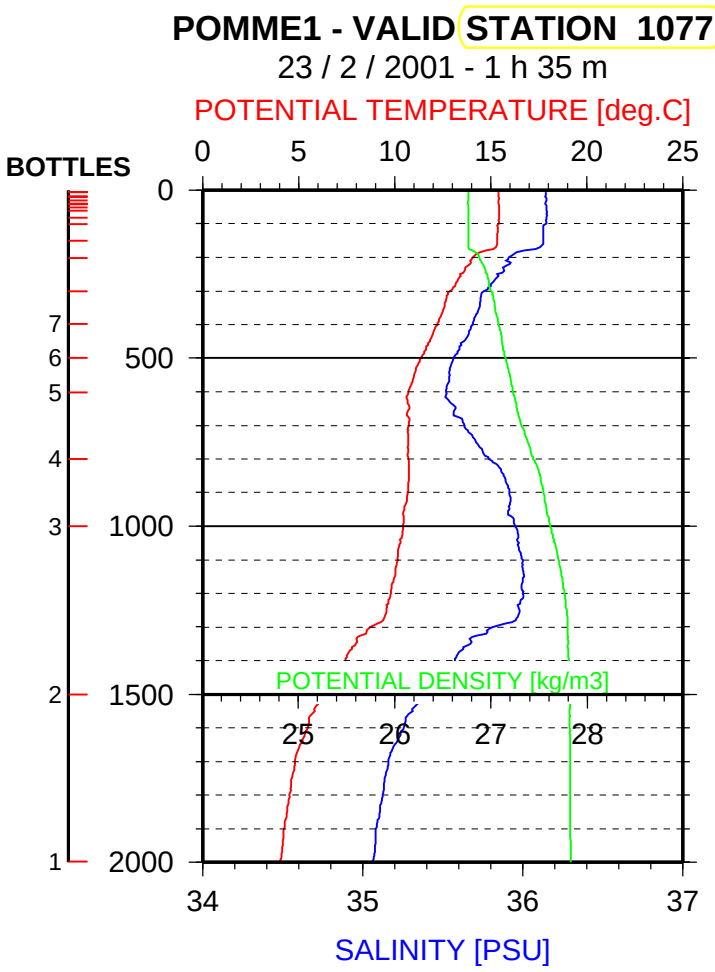

POMME1 - VALID STATION 1072
22 / 2 / 2001 - 0 h 39 m
POTENTIAL TEMPERATURE [deg.C]
BOTTLES
DEPTH [dbars]
POTENTIAL DENSITY [kg/m3]
SALINITY [PSU]

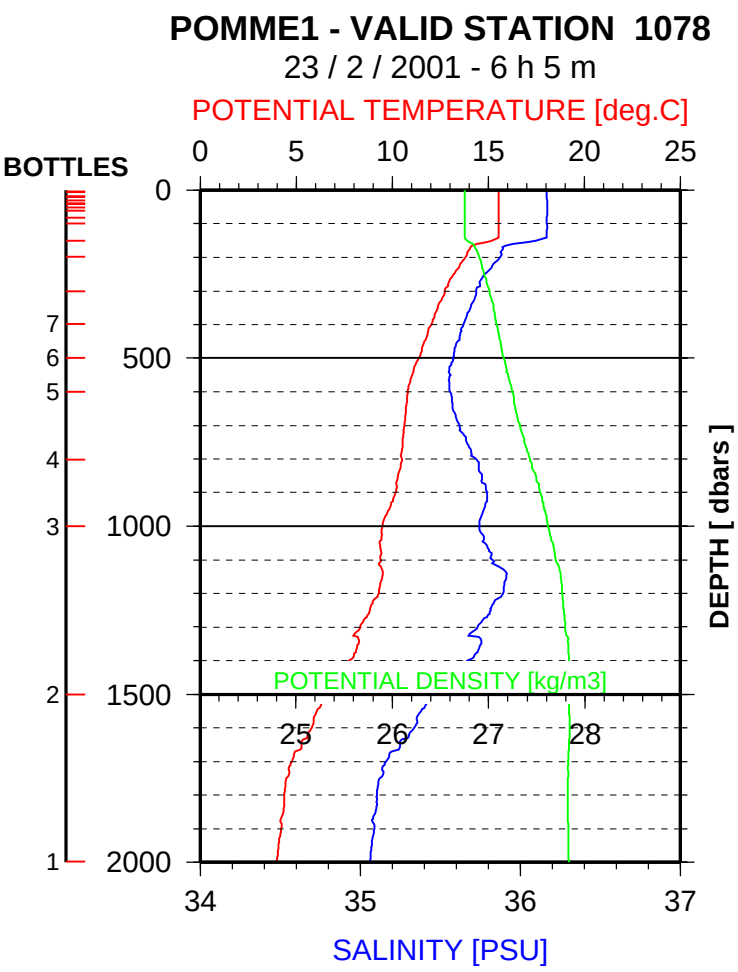

POMME1 - VALID STATION 1073
22 / 2 / 2001 - 5 h 30 m
POTENTIAL TEMPERATURE [deg.C]
BOTTLES
POTENTIAL DENSITY [kg/m3]
SALINITY [PSU]

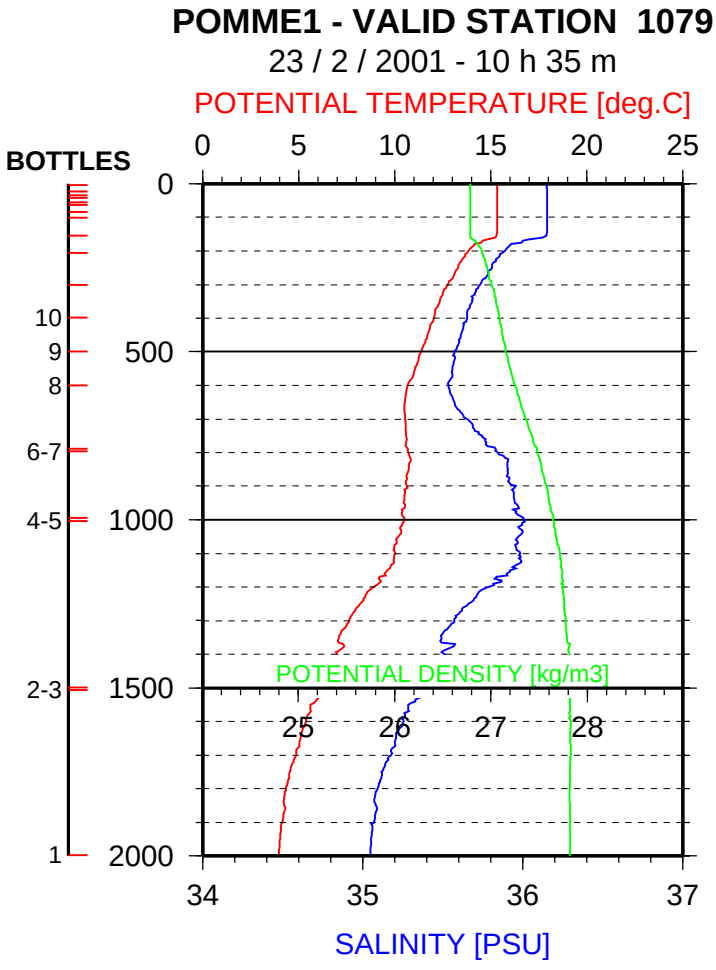

POMME1 - VALID STATION 1074
22 / 2 / 2001 - 10 h 5 m
POTENTIAL TEMPERATURE [deg.C]
BOTTLES
POTENTIAL DENSITY [kg/m3]
SALINITY [PSU]
DEPTH [dbars]


POMME1 - VALID STATION 1075
22 / 2 / 2001 - 16 h 15 m
POTENTIAL TEMPERATURE [deg.C]
BOTTLES
POTENTIAL DENSITY [kg/m3]
SALINITY [PSU]


POMME1 - VALID STATION 1076
22 / 2 / 2001 - 20 h 17 m
POTENTIAL TEMPERATURE [deg.C]
BOTTLES
POTENTIAL DENSITY [kg/m3]
SALINITY [PSU]
DEPTH [dbars]


POMME1 - VALID STATION 1077
23 / 2 / 2001 - 1 h 35 m
POTENTIAL TEMPERATURE [deg.C]
0 5 10 15 20 25
BOTTLES
0
500
1000
1500
2000
7 6 5 4 3 2 1
POTENTIAL DENSITY [kg/m3]
25 26 27 28
34 35 36 37
SALINITY [PSU]


POMME1 - VALID STATION 1078
23 / 2 / 2001 - 6 h 5 m
POTENTIAL TEMPERATURE [deg.C]
0 5 10 15 20 25
BOTTLES
0
500
1000
1500
2000
7 6 5 4 3 2 1
POTENTIAL DENSITY [kg/m3]
25 26 27 28
34 35 36 37
SALINITY [PSU]
DEPTH [dbars]


POMME1 - VALID STATION 1079
23 / 2 / 2001 - 10 h 35 m
POTENTIAL TEMPERATURE [deg.C]
0 5 10 15 20 25
BOTTLES
0
500
1000
1500
2000
10 9 8 6-7 4-5 2-3 1
POTENTIAL DENSITY [kg/m3]
25 26 27 28
34 35 36 37
SALINITY [PSU]

POMME 2001

1er Mars – 19 Mars

Atalante

Pomme 1 Leg 2

L. PRIEUR – C. POCHO
Juillet 2005

Observatoire Océanologique de Villefranche-sur-mer (O.O.V.) - Laboratoire d'Océanographie de Villefranche (L.O.V.) - UMR 7093 - BP08, 06238 Villefranche-sur-mer

POMME 1 – LEG 2

24 Mars – 12 Avril 2001

Atalante

LISTING STATIONS

L. PRIEUR – J. RAUNET

Laboratoire d'Océanographie . Observatoire Océanologique . BP08 . VILLEFRANCHE SUR MER

FICHIER	STAT	DATE	D/M	LONGITUDE	LATITUDE	HEURE DEB	HEURE FIN	N.SEQ	PMIN	PMAX	CAMPAGNE	NAVIRE
asc1080	80	28/ 2/ 1	1	20.04794 W	39.42196 N	14h 34m 0s	15h 16m 0s	2000	4.0	2003.0	POMME1 LEG2	ATALANTE
asc1081	81	1/ 3/ 1	1	18.45198 W	40.05963 N	5h 32m 0s	5h 38m 0s	250	4.0	253.0	POMME1 LEG2	ATALANTE
asc1082	82	1/ 3/ 1	1	18.46417 W	40.05930 N	7h 10m 0s	7h 35m 0s	1511	4.0	1514.0	POMME1 LEG2	ATALANTE
asc1083	83	1/ 3/ 1	1	18.47273 W	40.05936 N	10h 39m 0s	11h 9m 0s	1499	3.0	1501.0	POMME1 LEG2	ATALANTE
asc1084	84	1/ 3/ 1	1	18.45882 W	40.07257 N	17h 28m 0s	17h 40m 0s	1001	5.0	1005.0	POMME1 LEG2	ATALANTE
asc1085	85	1/ 3/ 1	1	18.45692 W	40.07488 N	19h 10m 0s	19h 35m 0s	1498	3.0	1500.0	POMME1 LEG2	ATALANTE
asc1086	86	1/ 3/ 1	1	18.45226 W	40.07110 N	23h 55m 0s	0h 13m 0s	1004	3.0	1006.0	POMME1 LEG2	ATALANTE
asc1087	87	2/ 3/ 1	1	18.45690 W	40.06942 N	1h 17m 0s	1h 24m 0s	302	3.0	304.0	POMME1 LEG2	ATALANTE
asc1088	88	2/ 3/ 1	1	18.45149 W	40.07517 N	4h 50m 0s	4h 53m 0s	101	3.0	103.0	POMME1 LEG2	ATALANTE
asc1089	89	2/ 3/ 1	1	18.44802 W	40.07629 N	5h 33m 0s	5h 36m 0s	101	5.0	105.0	POMME1 LEG2	ATALANTE
asc1090	90	2/ 3/ 1	1	18.44242 W	40.07156 N	6h 32m 0s	6h 40m 0s	404	2.0	405.0	POMME1 LEG2	ATALANTE
asc1091	91	2/ 3/ 1	1	18.44236 W	40.07207 N	7h 57m 0s	8h 13m 0s	799	3.0	801.0	POMME1 LEG2	ATALANTE
asc1092	92	2/ 3/ 1	1	18.46528 W	40.06958 N	11h 22m 0s	11h 50m 0s	1498	4.0	1501.0	POMME1 LEG2	ATALANTE
asc1093	93	2/ 3/ 1	1	18.48149 W	40.08400 N	18h 42m 0s	19h 22m 0s	1999	4.0	2002.0	POMME1 LEG2	ATALANTE
asc1094	94	3/ 3/ 1	1	18.48852 W	40.07980 N	5h 48m 0s	0h 0m 0s	1	0.0	0.0	POMME1 LEG2	ATALANTE
asc1095	95	3/ 3/ 1	1	18.30096 W	39.30119 N	22h 22m 0s	22h 39m 0s	1003	5.0	1007.0	POMME1 LEG2	ATALANTE
asc1096	96	4/ 3/ 1	1	18.33253 W	39.39423 N	0h 30m 0s	0h 49m 0s	1004	3.0	1006.0	POMME1 LEG2	ATALANTE
asc1097	97	4/ 3/ 1	1	18.37751 W	39.49249 N	2h 32m 0s	2h 52m 0s	1002	3.0	1004.0	POMME1 LEG2	ATALANTE
asc1098	98	4/ 3/ 1	1	18.41867 W	39.58892 N	4h 29m 0s	4h 45m 0s	998	4.0	1001.0	POMME1 LEG2	ATALANTE
asc1099	99	4/ 3/ 1	1	18.45733 W	40.08335 N	6h 30m 0s	6h 53m 0s	992	12.0	1003.0	POMME1 LEG2	ATALANTE
asc1100	100	4/ 3/ 1	1	18.49823 W	40.18251 N	9h 2m 0s	9h 26m 0s	987	16.0	1002.0	POMME1 LEG2	ATALANTE
asc1101	101	4/ 3/ 1	1	18.54032 W	40.28016 N	11h 2m 0s	11h 25m 0s	985	17.0	1001.0	POMME1 LEG2	ATALANTE
asc1102	102	4/ 3/ 1	1	18.58106 W	40.37632 N	13h 10m 0s	13h 30m 0s	996	6.0	1001.0	POMME1 LEG2	ATALANTE
asc1103	103	4/ 3/ 1	1	19.01877 W	40.47117 N	15h 3m 0s	15h 25m 0s	989	13.0	1001.0	POMME1 LEG2	ATALANTE
asc1104	104	4/ 3/ 1	1	19.05798 W	40.56721 N	17h 10m 0s	17h 35m 0s	999	3.0	1001.0	POMME1 LEG2	ATALANTE
asc1105	105	4/ 3/ 1	1	19.09995 W	41.06715 N	19h 28m 0s	19h 50m 0s	1001	2.0	1002.0	POMME1 LEG2	ATALANTE
asc1106	106	4/ 3/ 1	1	19.14079 W	41.16311 N	21h 26m 0s	21h 45m 0s	1004	3.0	1006.0	POMME1 LEG2	ATALANTE
asc1107	107	4/ 3/ 1	1	19.18206 W	41.25983 N	23h 30m 0s	23h 48m 0s	1003	6.0	1008.0	POMME1 LEG2	ATALANTE
asc1108	108	5/ 3/ 1	1	19.02992 W	40.50109 N	5h 26m 0s	5h 31m 0s	191	14.0	204.0	POMME1 LEG2	ATALANTE
asc1109	109	5/ 3/ 1	1	18.57676 W	40.47059 N	18h 45m 0s	19h 39m 0s	1503	1.0	1503.0	POMME1 LEG2	ATALANTE
asc1110	110	5/ 3/ 1	1	18.56025 W	40.47358 N	22h 12m 0s	22h 41m 0s	1003	1.0	1003.0	POMME1 LEG2	ATALANTE
asc1111	111	6/ 3/ 1	1	18.54274 W	40.47803 N	0h 28m 44s	0h 37m 0s	300	4.0	303.0	POMME1 LEG2	ATALANTE
asc1112	112	6/ 3/ 1	1	18.52045 W	40.52082 N	4h 25m 0s	4h 32m 0s	174	29.0	202.0	POMME1 LEG2	ATALANTE
asc1113	113	6/ 3/ 1	1	18.49123 W	40.52603 N	7h 32m 0s	7h 55m 0s	992	11.0	1002.0	POMME1 LEG2	ATALANTE
asc1114	114	6/ 3/ 1	1	18.46379 W	40.54603 N	11h 19m 0s	12h 0m 0s	1505	1.0	1505.0	POMME1 LEG2	ATALANTE
asc1115	115	6/ 3/ 1	1	18.44300 W	40.57027 N	18h 55m 0s	19h 47m 0s	2002	1.0	2002.0	POMME1 LEG2	ATALANTE
asc1116	116	7/ 3/ 1	1	18.37911 W	41.02940 N	4h 38m 0s	4h 43m 0s	92	12.0	103.0	POMME1 LEG2	ATALANTE
asc1117	117	7/ 3/ 1	1	18.37269 W	41.03342 N	5h 57m 0s	6h 6m 0s	391	13.0	403.0	POMME1 LEG2	ATALANTE
asc1118	118	7/ 3/ 1	1	18.36667 W	41.04929 N	7h 57m 0s	8h 37m 0s	1994	11.0	2004.0	POMME1 LEG2	ATALANTE
asc1119	119	7/ 3/ 1	1	18.36412 W	41.04566 N	10h 59m 0s	11h 37m 0s	1493	13.0	1505.0	POMME1 LEG2	ATALANTE
asc1120	120	7/ 3/ 1	1	18.38486 W	41.11138 N	19h 19m 0s	19h 50m 0s	1003	1.0	1003.0	POMME1 LEG2	ATALANTE
asc1123	123	8/ 3/ 1	1	19.56737 W	40.09849 N	14h 44m 0s	15h 10m 0s	981	23.0	1003.0	POMME1 LEG2	ATALANTE
asc1124	124	8/ 3/ 1	1	19.53617 W	40.19493 N	17h 6m 0s	18h 59m 0s	4606	12.0	4617.0	POMME1 LEG2	ATALANTE
asc1125	125	8/ 3/ 1	1	19.50023 W	40.29908 N	22h 5m 0s	22h 32m 0s	988	16.0	1003.0	POMME1 LEG2	ATALANTE
asc1126	126	9/ 3/ 1	1	19.46546 W	40.39997 N	0h 29m 20s	0h 50m 0s	1012	4.0	1015.0	POMME1 LEG2	ATALANTE
asc1127	127	9/ 3/ 1	1	19.43333 W	40.50102 N	2h 31m 13s	2h 50m 0s	1002	4.0	1005.0	POMME1 LEG2	ATALANTE
asc1128	128	9/ 3/ 1	1	19.40122 W	41.00071 N	4h 26m 0s	4h 46m 0s	995	13.0	1007.0	POMME1 LEG2	ATALANTE
asc1129	129	9/ 3/ 1	1	19.36765 W	41.10164 N	6h 23m 0s	6h 44m 0s	992	10.0	1001.0	POMME1 LEG2	ATALANTE
asc1130	130	9/ 3/ 1	1	19.33342 W	41.20026 N	8h 19m 0s	8h 39m 0s	998	7.0	1004.0	POMME1 LEG2	ATALANTE
asc1131	131	9/ 3/ 1	1	19.30085 W	41.30033 N	10h 25m 0s	10h 52m 0s	993	15.0	1007.0	POMME1 LEG2	ATALANTE
asc1132	132	9/ 3/ 1	1	19.26743 W	41.40092 N	12h 35m 0s	12h 59m 0s	998	5.0	1002.0	POMME1 LEG2	ATALANTE
asc1133	133	9/ 3/ 1	1	19.23471 W	41.50104 N	14h 43m 0s	15h 9m 0s	997	8.0	1004.0	POMME1 LEG2	ATALANTE
asc1134	134	9/ 3/ 1	1	19.20001 W	42.00121 N	16h 45m 0s	17h 13m 0s	999	8.0	1006.0	POMME1 LEG2	ATALANTE
asc1135	135	9/ 3/ 1	1	19.14926 W	41.50024 N	18h 51m 0s	19h 12m 0s	1003	7.0	1009.0	POMME1 LEG2	ATALANTE
asc1136	136	9/ 3/ 1	1	19.09875 W	41.40074 N	20h 55m 0s	21h 14m 0s	997	12.0	1008.0	POMME1 LEG2	ATALANTE
asc1137	137	10/ 3/ 1	1	19.20051 W	41.49561 N	5h 56m 0s	6h 3m 0s	200	4.0	203.0	POMME1 LEG2	ATALANTE
asc1138	138	10/ 3/ 1	1	19.21288 W	41.49373 N	7h 50m 0s	8h 16m 0s	1494	9.0	1502.0	POMME1 LEG2	ATALANTE
asc1139	139	10/ 3/ 1	1	19.21438 W	41.48607 N	10h 54m 0s	11h 34m 0s	1489	20.0	1508.0	POMME1 LEG2	ATALANTE
asc1140	140	10/ 3/ 1	1	19.18932 W	41.47573 N	17h 3m 0s	17h 38m 0s	1501	7.0	1507.0	POMME1 LEG2	ATALANTE
asc1141	141	10/ 3/ 1	1	19.17632 W	41.48201 N	19h 26m 0s	19h 57m 0s	1496	11.0	1506.0	POMME1 LEG2	ATALANTE
asc1142	142	10/ 3/ 1	1	19.16365 W	41.47157 N	22h 50m 0s	23h 10m 0s	1001	7.0	1007.0	POMME1 LEG2	ATALANTE
asc1143	143	11/ 3/ 1	1	19.17016 W	41.46504 N	0h 30m 0s	0h 37m 0s	301	4.0	304.0	POMME1 LEG2	ATALANTE
asc1144	144	11/ 3/ 1	1	19.15073 W	41.46381 N	3h 41m 0s	3h 47m 0s	200	3.0	202.0	POMME1 LEG2	ATALANTE
asc1145	145	11/ 3/ 1	1	19.14929 W	41.46296 N	4h 31m 0s	4h 34m 0s	102	4.0	105.0	POMME1 LEG2	ATALANTE
asc1146	146	11/ 3/ 1	1	19.14498 W	41.46070 N	5h 51m 0s	5h 58m 0s	398	4.0	401.0	POMME1 LEG2	ATALANTE
asc1147	147	11/ 3/ 1	1	19.13988 W	41.46095 N	7h 10m 0s	7h 27m 0s	799	5.0	803.0	POMME1 LEG2	ATALANTE
asc1148	148	11/ 3/ 1	1	19.13576 W	41.45411 N	12h 39m 0s	13h 14m 0s	1504	12.0	1515.0	POMME1 LEG2	ATALANTE
asc1149	149	11/ 3/ 1	1	19.13404 W	41.44545 N	20h 37m 0s	21h 17m 0s	1997	6.0	2002.0	POMME1 LEG2	ATALANTE
asc1150	150	12/ 3/ 1	1	19.09830 W	41.43403 N	9h 41m 0s	10h 24m 0s	1998	7.0	2004.0	POMME1 LEG2	ATALANTE
asc1151	151	12/ 3/ 1	1	19.02899 W	41.51048 N	16h 18m 0s	16h 37m 0s	998	7.0	1004.0	POMME1 LEG2	ATALANTE
asc1152	152	12/ 3/ 1	1	18.50658 W	41.55737 N	18h 10m 0s	18h 31m 0s	997	7.0	1003.0	POMME1 LEG2	ATALANTE
asc1153	153	12/ 3/ 1	1	18.42927 W	42.04044 N	20h 17m 0s	20h 49m 0s	983	22.0	1004.0	POMME1 LEG2	ATALANTE
asc1154	154	12/ 3/ 1	1	18.35200 W	42.12146 N	22h 34m 0s	22h 56m 0s	998	8.0	1005.0	POMME1 LEG2	ATALANTE
asc1155	155	13/ 3/ 1	1	18.27416 W	42.20334 N	0h 32m 0s	0h 52m 0s	1001	5.0	1005.0	POMME1 LEG2	ATALANTE
asc1156	156	13/ 3/ 1	1	18.19410 W	42.28695 N	2h 38m 0s	3h 0m 0s	1002	5.0	1006.0	POMME1 LEG2	ATALANTE
asc1157	157	13/ 3/ 1	1	18.11651 W	42.36885 N	4h 39m 0s	5h 0m 0s	995	9.0	1003.0	POMME1 LEG2	ATALANTE
asc1158	158	13/ 3/ 1	1	18.03914 W	42.44799 N	6h 40m 0s	7h 0m 0s	995	8.0	1002.0	POMME1 LEG2	ATALANTE
asc1159	159	13/ 3/ 1	1	17.55884 W	42.53141 N	8h 37m 0s	9h 2m 0s	1009	1.0	1009.0	POMME1 LEG2	ATALANTE
asc1160	160	13/ 3/ 1	1	17.47933 W	43.01316 N	10h 36m 0s	11h 2m 0s	994	9.0	1002.0	POMME1 LEG2	ATALANTE
asc1161	161	13/ 3/ 1	1	17.40166 W	43.09358 N	12h 43m 0s	13h 11m 0s	1003	4.0	1006.0	POMME1 LEG2	ATALANTE

asc1162	162	13/ 3/ 1	1	17.32108 W	43.17657 N	14h 55m	0s	15h 20m	0s	1002	3.0	1004.0	POMME1 LEG2 ATALANTE
asc1163	163	13/ 3/ 1	1	17.24130 W	43.25739 N	16h 58m	0s	17h 21m	0s	995	8.0	1002.0	POMME1 LEG2 ATALANTE
asc1164	164	13/ 3/ 1	1	17.16276 W	43.33083 N	18h 50m	0s	19h 10m	0s	994	9.0	1002.0	POMME1 LEG2 ATALANTE
asc1165	165	13/ 3/ 1	1	17.08928 W	43.40012 N	20h 53m	0s	21h 14m	0s	996	9.0	1002.0	POMME1 LEG2 ATALANTE
asc1166	166	14/ 3/ 1	1	17.29976 W	43.19739 N	4h 52m	0s	4h 57m	0s	197	6.0	202.0	POMME1 LEG2 ATALANTE
asc1167	167	14/ 3/ 1	1	17.30684 W	43.19368 N	6h 45m	0s	7h 13m	0s	1497	7.0	1503.0	POMME1 LEG2 ATALANTE
asc1168	168	14/ 3/ 1	1	17.28586 W	43.19036 N	10h 13m	0s	11h 18m	0s	3487	17.0	3503.0	POMME1 LEG2 ATALANTE
asc1169	169	14/ 3/ 1	1	17.27004 W	43.17211 N	16h 22m	0s	16h 50m	0s	991	13.0	1003.0	POMME1 LEG2 ATALANTE
asc1170	170	14/ 3/ 1	1	17.26440 W	43.16673 N	18h 14m	0s	18h 43m	0s	1489	16.0	1504.0	POMME1 LEG2 ATALANTE
asc1171	171	15/ 3/ 1	1	17.21657 W	43.15365 N	3h 16m	0s	3h 22m	0s	205	4.0	208.0	POMME1 LEG2 ATALANTE
asc1172	172	15/ 3/ 1	1	17.22013 W	43.15120 N	4h 8m	0s	4h 10m	0s	94	11.0	104.0	POMME1 LEG2 ATALANTE
asc1173	173	15/ 3/ 1	1	17.22303 W	43.14838 N	5h 19m	0s	5h 30m	0s	391	11.0	401.0	POMME1 LEG2 ATALANTE
asc1174	174	15/ 3/ 1	1	17.22412 W	43.14554 N	7h 3m	0s	7h 20m	0s	789	13.0	801.0	POMME1 LEG2 ATALANTE
asc1175	175	15/ 3/ 1	1	17.20717 W	43.14047 N	8h 29m	0s	8h 39m	0s	393	11.0	403.0	POMME1 LEG2 ATALANTE
asc1176	176	15/ 3/ 1	1	17.19497 W	43.12520 N	11h 45m	0s	12h 22m	0s	1480	25.0	1502.0	POMME1 LEG2 ATALANTE
asc1177	177	15/ 3/ 1	1	17.18758 W	43.11018 N	19h 2m	0s	19h 41m	0s	1990	14.0	2003.0	POMME1 LEG2 ATALANTE
asc1178	178	16/ 3/ 1	1	17.15518 W	43.07208 N	4h 40m	0s	5h 1m	0s	989	14.0	1002.0	POMME1 LEG2 ATALANTE
asc1179	179	16/ 3/ 1	1	17.15288 W	43.06749 N	6h 55m	0s	7h 6m	0s	491	12.0	502.0	POMME1 LEG2 ATALANTE
asc1180	180	16/ 3/ 1	1	17.16497 W	43.06602 N	9h 46m	0s	9h 54m	0s	199	5.0	203.0	POMME1 LEG2 ATALANTE
asc1181	181	16/ 3/ 1	1	17.16989 W	43.06353 N	10h 51m	0s	11h 31m	0s	1993	13.0	2005.0	POMME1 LEG2 ATALANTE
asc1182	182	16/ 3/ 1	1	16.19913 W	43.09860 N	20h 20m	0s	20h 54m	0s	2012	5.0	2016.0	POMME1 LEG2 ATALANTE
asc1183	183	17/ 3/ 1	1	16.20175 W	43.09218 N	4h 37m	0s	4h 39m	0s	97	9.0	105.0	POMME1 LEG2 ATALANTE
asc1184	184	17/ 3/ 1	1	16.20506 W	43.08694 N	5h 51m	0s	5h 58m	0s	390	13.0	402.0	POMME1 LEG2 ATALANTE
asc1185	185	17/ 3/ 1	1	16.19913 W	43.09095 N	7h 54m	0s	8h 22m	0s	1490	13.0	1502.0	POMME1 LEG2 ATALANTE
asc1186	186	17/ 3/ 1	1	16.19890 W	43.00182 N	11h 59m	0s	12h 19m	0s	989	14.0	1002.0	POMME1 LEG2 ATALANTE
asc1187	187	17/ 3/ 1	1	16.20411 W	42.49978 N	16h 50m	0s	17h 13m	0s	990	13.0	1002.0	POMME1 LEG2 ATALANTE
asc1188	188	17/ 3/ 1	1	16.19948 W	42.40009 N	18h 48m	0s	19h 10m	0s	992	12.0	1003.0	POMME1 LEG2 ATALANTE
asc1189	189	17/ 3/ 1	1	16.19956 W	42.30051 N	20h 48m	0s	21h 10m	0s	989	15.0	1003.0	POMME1 LEG2 ATALANTE
asc1190	190	17/ 3/ 1	1	16.19888 W	42.20098 N	22h 47m	0s	23h 6m	0s	1003	5.0	1007.0	POMME1 LEG2 ATALANTE
asc1191	191	18/ 3/ 1	1	16.20219 W	42.09969 N	0h 49m	0s	1h 10m	0s	1011	2.0	1012.0	POMME1 LEG2 ATALANTE
asc1192	192	18/ 3/ 1	1	16.19901 W	42.00033 N	2h 53m	0s	3h 16m	0s	1017	3.0	1019.0	POMME1 LEG2 ATALANTE
asc1193	193	18/ 3/ 1	1	16.20027 W	41.49913 N	4h 48m	0s	5h 8m	0s	993	9.0	1001.0	POMME1 LEG2 ATALANTE
asc1194	194	18/ 3/ 1	1	16.19891 W	41.39920 N	6h 48m	0s	7h 7m	0s	991	12.0	1002.0	POMME1 LEG2 ATALANTE
asc1195	195	18/ 3/ 1	1	16.19928 W	41.30002 N	8h 41m	0s	9h 5m	0s	988	15.0	1002.0	POMME1 LEG2 ATALANTE
asc1196	196	18/ 3/ 1	1	16.20087 W	41.20129 N	10h 35m	0s	10h 56m	0s	990	14.0	1003.0	POMME1 LEG2 ATALANTE
asc1197	197	18/ 3/ 1	1	16.19837 W	41.09784 N	12h 33m	0s	13h 0m	0s	999	5.0	1003.0	POMME1 LEG2 ATALANTE
asc1198	198	18/ 3/ 1	1	16.19860 W	40.59819 N	14h 28m	0s	14h 52m	0s	999	4.0	1002.0	POMME1 LEG2 ATALANTE
asc1199	199	18/ 3/ 1	1	16.19975 W	40.50039 N	16h 18m	0s	16h 42m	0s	992	13.0	1004.0	POMME1 LEG2 ATALANTE
asc1200	200	18/ 3/ 1	1	16.19891 W	40.40076 N	18h 11m	0s	18h 32m	0s	990	12.0	1001.0	POMME1 LEG2 ATALANTE
asc1201	201	18/ 3/ 1	1	16.20014 W	40.30014 N	20h 10m	0s	20h 29m	0s	1001	11.0	1011.0	POMME1 LEG2 ATALANTE
asc1202	202	18/ 3/ 1	1	16.19755 W	40.20260 N	22h 2m	0s	22h 22m	0s	995	10.0	1004.0	POMME1 LEG2 ATALANTE
asc1203	203	18/ 3/ 1	1	16.20001 W	40.10164 N	23h 56m	0s	0h 17m	0s	1000	10.0	1009.0	POMME1 LEG2 ATALANTE
asc1204	204	19/ 3/ 1	1	16.19711 W	40.00132 N	1h 57m	0s	2h 16m	0s	1012	4.0	1015.0	POMME1 LEG2 ATALANTE
asc1205	205	19/ 3/ 1	1	16.19929 W	39.49992 N	3h 53m	0s	4h 13m	0s	999	4.0	1002.0	POMME1 LEG2 ATALANTE
asc1206	206	19/ 3/ 1	1	16.19799 W	39.40044 N	5h 54m	0s	6h 14m	0s	992	11.0	1002.0	POMME1 LEG2 ATALANTE

POMME 1 – LEG 2

24 Mars – 12 Avril 2001

Atalante

LISTING BOTTLES

L. PRIEUR – J. RAUNET

Laboratoire d'Océanographie . Observatoire Océanologique . BP08 . VILLEFRANCHE SUR MER

POMME1 - LEG2

LIGNE 1 - CHOIX de DEPART des PROFONDEURS BOUTEILLES
LIGNE 2 - FICHIER ROSETTE des PROFONDEURS BOUTEILLES

NST	NUMEROS de BOUTEILLES																				
	1	2	3	4	5	6	7	8	9	10	11	12	13	17	18	19	20	21	22	23	24
1080	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000
1080	2001	2000	2000	2001	2001	2001	2001	2000	2002	2001	2002	2001	2002	2001	2002	2001	2002	2003	2001	2002	2002
1081	100	80	60	40	20	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
1081	101	82	57	40	19	5	4	5	3	5	5	4	5	4	5	4	5	5	4	5	4
1082	1000	1000	1000	1000	500	300	250	200	180	180	160	140	120	100	80	60	40	20	10	5	5
1082	1002	1002	1002	1002	500	300	248	199	183	178	160	140	121	100	78	61	40	21	11	6	6
1083	1500	1000	800	600	500	400	300	200	150	100	80	60	50	40	40	30	20	10	5	5	5
1083	1498	1000	799	595	500	399	300	199	149	101	80	61	50	39	40	31	21	10	5	5	5
1084	1000	1000	400	400	200	200	130	130	130	80	80	80	50	50	50	30	30	30	10	10	10
1084	1002	1002	397	396	200	197	134	132	129	80	80	79	51	50	51	30	28	29	10	10	10
1085	500	500	300	200	100	50	20	10	10	10	10	5									
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1086	1001	999	1000	901	900	901	801	801	800	702	701	701	600	599	600	500	500	501	400	399	400
1087	300	300	300	200	200	200	150	150	100	100	80	80	60	50	40	30	20	10	5	5	5
1087	302	303	302	202	201	202	151	150	100	101	81	80	59	50	39	29	20	10	6	5	5
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1090	101	101	80	81	61	60	60	51	50	51	39	40	40	31	31	21	21	21	6	5	5
1091	800	600	400	300	300	250	200	170	170	160	140	120	100	100	80	60	40	40	20	5	5
1091	800	601	398	302	297	248	200	171	166	160	140	121	100	100	81	62	42	41	21	6	5
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1092	998	798	598	499	401	300	198	149	101	79	59	51	40	40	30	21	21	11	6	5	6
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1094																					
1094																					
1095																					
1095																					

NST	NUMEROS de BOUTEILLES																				
	1	2	3	4	5	6	7	8	9	10	11	12	13	17	18	19	20	21	22	23	24
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1109	1500	1003	503	503	499	500	299	202	202	200	145	99	82	79	59	49	38	29	19	10	6
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1110	999	999	1002	902	900	897	803	800	798	701	703	698	600	600	596	502	499	497	401	401	399
1111	300	300	300	200	200	200	150	150	100	100	80	80	60	50	40	30	20	10	5	5	5
1111	302	301	304	201	203	203	151	151	101	100	79	80	58	51	38	30	19	8	5	6	5
1112	60	60	60	60	40	40	40	40	10	10	10	10	10	10	10	10	10	10	10	10	10
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1114	997	798	600	499	403	301	200	150	101	80	60	50	42	39	30	21	19	10	8	7	7
1115	400	400	400	400	200	150	100	80	60	50	40	30	20	10	10	10	10	10	10	10	5
1115	403	403	400	398	205	151	102	81	58	50	39	29	21	12	12	12	13	11	12	13	4

NST	1	2	3	4	5	6	7	8	9	10	11	12	13	17	18	19	20	21	22	23	24
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1118	2000	1500	997	901	802	700	599	499	401	300	199	148	98	79	61	53	41	29	21	9	6
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1119	1000	801	602	501	399	299	198	151	102	82	58	49	41	37	31	20	19	9	5	5	2
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1141	1500	1000	600	600	600	400	200	150	100	70	50	30	20	10	10	10	10	10	10	10	5
1141	1503	1000	601	601	601	397	201	149	97	68	51	30	19	11	12	12	13	12	12	12	4
1142	1000	1000	1000	900	900	900	800	800	800	700	700	700	600	600	600	500	500	500	400	400	400
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1143	302	303	302	203	201	202	150	151	98	99	81	81	59	49	39	30	20	8	5	5	5
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1147	800	600	400	400	400	200	150	100	90	80	70	60	50	50	40	30	20	10	5	5	5
1147	801	597	404	399	390	197	147	100	89	79	70	60	52	48	41	28	21	9	6	5	6
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1163	11	6																			
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1167	1502	998	499	200	201	202	150	117	101	88	78	69	58	48	37	28	19	10	6	5	5
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1168	996	798	600	499	400	299	197	152	97	82	60	50	41	40	30	21	20	9	4	5	5
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1169	1003	1000	399	401	202	201	131	132	134	80	80	81	49	49	52	31	30	31	11	13	10
1170	1500	1000	700	500	400	300	200	150	100	80	70	50	40	30	20	10	10	10	10	10	10
1170	1504	996	699	501	401	299	201	149	100	84	70	51	40	28	19	12	13	13	12	13	12
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1173	101	102		81	82	61	61		50	49	41		40	30		30	21	21		10	9
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1177	1000	400		400	200	100	80		60	40	30		20	10		10	10	10		5	5
1177	1002	402		401	198	98	80		59	41	27		18	9		8	7	6		4	4

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1178	1000	1000		1000	900	900	900		800	800	800		700	700		700	600	600		600	600
1178	1000	1000		1000	901	901	900		800	801	800		699	700		700	600	601		601	600
1179	500	500		500	400	400	400		300	300	300		200	200		200	150	150		100	100
1179	501	502		501	400	400	400		301	301	299		201	201		200	152	148		101	101
1180	80	80		60	50	40	30		20	20	5		5	5		5	5	5		5	5
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NST	1	2	3	4	5	6	7	8	9	10	11	12	13	17	18	19	20	21	22	23	24

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NST	1	2	3	4	5	6	7	8	9	10	11	12	13	17	18	19	20	21	22	23	24
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1204	9	4																			
1205	10	5																			
1205	9	2																			
1206	10	5																			
1206	9	4																			

POMME 2001

1er Mars – 19 Mars

Atalante

LISTE DES TYPES DE PRELEVEMENTS EFECTUES SUR LES BOUTEILLES DE LA ROSETTE A LA FIN DE CHAQUE STATION CTD-ROSETTE

Pomme 1 Leg 2

L. PRIEUR – C. POCHO

Juillet 2005

Observatoire Océanologique de Villefranche-sur-mer (O.O.V.) - Laboratoire d'Océanographie de Villefranche (L.O.V.) - UMR 7093 - BP08, 06238 Villefranche-sur-mer

Inventaire des types de prélèvement effectués sur les bouteilles de la Rosette à la fin de chaque Station CTD-Rosette

L'inventaire complet de tous les prélèvements sur chaque bouteille reproduit à partir des feuilles de station cochées par les responsables des pélèvements est d'abord présenté. Il est suivi de l'inventaire par type de prélèvement pour les plus abondants .

ALK: Alcalinité
BB : biomasse bactérienne
BIODEG : pour expérience de biodégradation
BSi : silice biogénique
COLL : Colloides
CytoM : Cytométrie (picoplancton)
CytoR : Cytométrie
DI : dissolved inorganic carbon
DOC : dissolved organic carbon
DOM : Dissolved organic matter
ETS: Electron transport system (proxy du taux d'oxydation de la matière carbonée)
FR : Fréon
HIAC : spectre de taille du micro et nanoplancton
LIP : Lipides
MET : métaux en traces
OX : oxygène Winkler
PB : Production bactérienne
PIG : Pigments
POD : Phospore organique dissous
SAL : Salinité en canette
Si : silice
SNT : Sel nutritifs
15N : production primaire méthode Azote 15
PP : production primaire méthode 14C
Si32 : production primaire méthode Silicium
PI : prélèvement pour déterminer les courbes P versus I, production primaire
P_O2 : production primaire méthode Oxgène

POMME1 - LEG2

F VAN WAMBEKE..... BP = Product. Bacterienne FL = Flagelles CL = Cilies

P MAYZAUD ..... MPRC = Mesure Processus IBID =

H CLAUSTRE ..... HPLC = Pigments

C FERNANDEZ ..... SNUT = Sels Nutritifs

T MOUTIN ..... EE = Essai enrichissenent CIPP = Cinetique PP CIAP = Cinetique AP
PP = Production Primaire AP = Assimil. Phosphate
PT = Ptotal PA = Pparticulaire CH = Chlo a

S BLAIN ..... Quantification des flux d'absorbtion et de regeneration des formes de l'azote
QFA3 = NO3 + NH4 + Uree
QFA6 = NO3 + NH4 + Uree + NOP + Chla + ANO3
QFA9 = NO3 + NH4 + Uree + NOP + Chla + Phyto + ANH4 + ANO3 + Auree
QFAN = NO3 + NH4 + Uree + NOP + Chla + "NOD" + ANH4 + ANO3 + Auree + RNH4
QFAP = NO3 + NH4 + Uree + NOP + Chla + "Phyto" + ANH4 + ANO3 + Auree + RNH4
QFND = NO3 + NH4 + Uree + NOP + Chla + "NOD" + ANH4 + ANO3 + Auree + RNH4 + RNO3 + Ruree
QFPH = NO3 + NH4 + Uree + NOP + Chla + "Phyto" + ANH4 + ANO3 + Auree + RNH4 + RNO3 + Ruree

K LEBLANC ..... SIL3 = Silice Biogenique et Lithogenique + Silicates
SIL4 = Silice Biogenique et Lithogenique + Silicates + Phytoplancton
SIL5 = Silice Biogenique et Lithogenique + Silicates + Phytoplancton + Uptake de Si

NUMEROS de BOUTEILLES

NST	1	2	3	4	5	6	7	8	9	10	11	12	13	17	18	19	20	21	22	23	24
1080 Jour	2001	2000	2000	2001	2001	2001	2001	2000	2002	2001	2002	2001	2002	2001	2002	2001	2002	2003	2001	2002	2002
1081 Nuit	101 QFA3	82 QFA3	57 QFA3	40 QFA3	19 QFA3	5 QFA6	4 QFA6	5 QFA6	3 QFA6	5 QFA6	5 QFA6	4 QFA6	5 QFA6	4 QFA6	5 QFA6	4 QFA6	5 QFA6	5 QFA6	4 QFA6	5 QFA6	4 QFA6
1082 Jour	1002 HPLC	1002 HPLC	1002 HPLC	1002 HPLC	500	300	248	199	183	178	160	140	121	100	78	61	40	21	11	6	6

1083	1498	1000	799	595	500	399	300	199	149	101	80	61	50	39	40	31	21	10	5	5	5
Jour				BP		BP	BP	BP		BP		BP	BP	BP		BP	BP	BP			BP
				FLCL		FLCL	FLCL	FLCL		FLCL		FLCL	FLCL	FLCL		FLCL	FLCL	FLCL			FLCL
								HPLC	HPLC	HPLC	HPLC	HPLC	HPLC		HPLC	HPLC	HPLC	HPLC	EE		HPLC
	SIL3	SIL3	SIL3	SIL3	SIL3	SIL3	SIL3	SIL3	SIL3	SIL4	SIL3	SIL4	SIL3		SIL4	SIL3	SIL3	SIL4			SIL4
1084	1002	1002	397	396	200	197	134	132	129	80	80	79	51	50	51	30	28	29	10	10	10
Jour																					
1085	501	499	299	200	101	49	19	10	9	10	10	4									
Nuit								MPRC	MPRC	MPRC	MPRC										
		HPLC		HPLC	HPLC	HPLC						HPLC									
1086	1001	999	1000	901	900	901	801	801	800	702	701	701	600	599	600	500	500	501	400	399	400
Nuit																					
1087	302	303	302	202	201	202	151	150	100	101	81	80	59	50	39	29	20	10	6	5	5
Nuit																					
1088	59	59	59	60	60	41	41	41	41	40	5	5	5	6	6	6	6	6	6	6	5
Nuit	QFA9	QFA9	QFA9	QFA9	QFA9	QFA9	QFA9	QFA9	QFA9	QFA9	QFA9	QFA9	QFA9	QFA9	QFA9	QFA9	QFA9	QFA9	QFA9		
1089	101	101	82	83	61	59	59	50	51	51	40	40	40	30	30	20	20	20	6	6	6
Nuit		QFND		QFAN		QFND			QFAN			QFND			QFAN		QFND			QFND	
1090	101	101	80	81	61	60	60	51	50	51	39	40	40	31	31	21	21	21	6	5	5
Jour		BP		BP		BP			BP			BP			BP		BP			BP	
		HPLC		HPLC		HPLC			HPLC			HPLC			HPLC		HPLC			HPLC	
		PPAP		PPAP		PPAP			PPAP			PPAP			PPAP		PPAP			PPAP	
						PTPA						PTPA									PTPA	
						CH						CH									CH	
	SIL5		SIL5				SIL5			SIL5			SIL5	SIL5		SIL5					SIL5
1091	800	601	398	302	297	248	200	171	166	160	140	121	100	100	81	62	42	41	21	6	5
Jour				HPLC				HPLC					HPLC				HPLC			HPLC	
1092	998	798	598	499	401	300	198	149	101	79	59	51	40	40	30	21	21	11	6	5	6
Jour		BP		BP		BP	BP		BP		BP	BP	BP		BP	BP		BP			BP
		FLCL		FLCL		FLCL	FLCL		FLCL		FLCL	FLCL	FLCL		FLCL	FLCL		FLCL			FLCL
							HPLC	HPLC	HPLC	HPLC	HPLC	HPLC		HPLC	HPLC		HPLC	HPLC		HPLC	
1093	2004	1500	999	497	197	148	101	79	60	50	41	31	21	11	11	11	11	10	11	11	5
Jour					HPLC	HPLC	HPLC	HPLC	HPLC	HPLC	HPLC	HPLC	HPLC	IBID	IBID	IBID	IBID	IBID	IBID	HPLC	HPLC
1094	Nuit																				

1095 || Nuit																				
1096 || Nuit																				
1097 || Nuit																				
1098 || Nuit																				
1099 || Jour																				
1100 || Jour																				
1101 || Jour																				
1102 || Jour																				
1103 || Jour																				
1104 || Jour																				
1105 || Nuit																				
1106 || Nuit																				
1107 || Nuit																				
1108 || Nuit	100 QFA3	81 QFA3	62 QFA3	40 QFA3	22 QFA3	10 QFA6	9 QFA6	10 QFA6	10 QFA6	10 QFA6	10 QFA6	9 QFA6	9 QFA6	9 QFA6	10 QFA6	10 QFA6	9 QFA6	10 QFA6	10 QFA6	10 QFA6	9 QFA6
1109 || Jour	1500	1003	503	503	499	500	299	202	202	200	145	99	82	79	59	49	38	29	19	10	6
1110 || Nuit	999	999	1002 HPLC	902 HPLC	900 HPLC	897 HPLC	803	800	798	701	703	698	600	600	596	502	499	497	401	401	399
1111 || Nuit	302	301	304	201	203	203	151	151	101	100	79	80	58	51	38	30	19	8	5	6	5
1112 || Nuit	61 QFA9	60 QFA9	60 QFA9	61 QFA9	41 QFA9	41 QFA9	42 QFA9	42 QFA9	10 QFA9	11 QFA9	10 QFA9	10 QFA9	10 QFA9	10 QFA9	10 QFA9	10 QFA9	10 QFA9	10 QFA9	10 QFA9		
1113 || Jour	999	798 HPLC	601	402	200	150	113 HPLC	111	102	81 HPLC	80	70	60	49	39 HPLC	39	30	19	10	4 HPLC	5
1114 || Jour	997	798	600 BP FLCL	499	403 BP FLCL	301 BP FLCL	200 BP FLCL	150	101 BP FLCL	80	60 BP FLCL	50 BP FLCL	42 BP FLCL	39	30 BP FLCL	21 BP FLCL	19	10 BP FLCL	8	7	7 BP FLCL

	SIL3	SIL3		SIL3		SIL3	HPLC SIL3	HPLC SIL3	HPLC SIL3	HPLC SIL3	HPLC SIL3	HPLC SIL4		HPLC SIL4	HPLC SIL4		HPLC SIL4	HPLC SIL4	EE	HPLC SIL4	
1115 Jour	403 HPLC	403 HPLC	400	398 HPLC	205	151	102	81	58	50	39	29	21	12 IBID	12 IBID	12 IBID	13 IBID	11 IBID	12 IBID	13	4
1116 Nuit	100	99 QFPH	61	61 QFPH	60	50	50 QFAP	50	40	40 QFPH	40	31	31 QFA9	30	21	21 QFPH	21	5	5 QFPH	6	5
1117 Nuit	81 HPLC SIL5	82	61	61 BP HPLC PPAP PTPA CH SIL5	61	51	51 BP HPLC PPAP	51	41	40 BP HPLC PPAP PTPA CH	40 SIL5	31 SIL5	33 BP HPLC PPAP	21	22 BP HPLC PPAP SIL5	22	21	21	11	11 BP HPLC PPAP PTPA CH SIL5	11
1118 Jour	2000	1500	997	901	802	700	599	499	401 HPLC	300	199	148 HPLC	98	79	61 HPLC	53	41 HPLC	29	21	9 HPLC	6
1119 Jour	1000	801	602 BP FLCL	501	399 BP FLCL	299 BP FLCL	198 BP FLCL HPLC	151 HPLC	102 BP FLCL HPLC	82 HPLC	58 BP FLCL HPLC	49 BP FLCL HPLC	41 BP FLCL	37 HPLC	31 BP FLCL HPLC	20 BP FLCL	19 HPLC	9 BP FLCL HPLC	5	5	2 BP FLCL HPLC
1120 Jour	1002	997	401	398	199	197	131	127	127	83	81	80	55	51	46	33	31	30	12	12	8
1123 Jour																				10	4 SNUT
1124 Jour																				12	4 SNUT
1125 Nuit																				9	4 SNUT
1126 Nuit																				10	3 SNUT
1127 Nuit																				8	4 SNUT
1128 Nuit																				10	3 SNUT
1129																				10	3

Nuit																					SNUT
1130																				10	5
Jour																					SNUT
1131																				11	3
Jour																					SNUT
1132																				10	4
Jour																					SNUT
1133																				10	4
Jour																					SNUT
1134																				10	2
Jour																					SNUT
1135																				9	3
Jour																					SNUT
1136																				9	5
Nuit																					SNUT
1137	40	41	21	6	6	6	5	5	6	5	5	6	6	6	6	5	5	6	6	99	79
Nuit	QFA3	QFA3	QFA3	QFA6	QFA6	QFA6	QFA6	QFA6	QFA6	QFA6	QFA6	QFA6	QFA6	QFA6	QFA6	QFA6	QFA6	QFA6	QFA6	QFA3	QFA3
1138	1499	1000	495	299	199	201	201	149	120	10`	90	80	68	60	50	40	31	20	10	5	1
Jour					HPLC			HPLC		HPLC					HPLC				HPLC		
1139	1001	800	603	499	396	300	200	148	101	79	62	51	41	37	30	20	18	9	6	6	7
Jour			BP		BP	BP	BP		BP		BP	BP	BP		BP	BP		BP			BP
			FLCL		FLCL	FLCL	FLCL		FLCL		FLCL	FLCL	FLCL		FLCL	FLCL		FLCL			FLCL
							HPLC	HPLC	HPLC	HPLC	HPLC	HPLC		HPLC	HPLC		HPLC	HPLC	EE		HPLC
1140	1001	997	406	399	204	200	136	131	131	83	83	80	50	50	51	31	32	29	12	11	9
Jour																					
1141	1503	1000	601	601	601	397	201	149	97	68	51	30	19	11	12	12	13	12	12	12	4
Jour			HPLC	HPLC	HPLC									IBID	IBID	IBID	IBID	IBID	IBID		
1142	1002	1000	1001	900	902	901	802	803	804	699	701	700	585	583	585	495	498	498	400	399	399
Nuit																					
1143	302	303	302	203	201	202	150	151	98	99	81	81	59	49	39	30	20	8	5	5	5
Nuit																					

1144	60	60	60	60	42	42	42	42	4	5	4	5	4	5	5	4	4	5	4	4	5
Nuit	QFA9	QFA9	QFA9	QFA9	QFA9	QFA9	QFA9	QFA9	QFA9	QFA9	QFA9	QFA9	QFA9	QFA9	QFA9	QFA9	QFA9	QFA9	QFA9		

1145	101	100	79	82	62	62	61	52	51	51	41	39	38	30	31	21	21	21	5	6	6
Nuit		QFND		QFAN		QFND			QFAN			QFND			QFAN		QFND			QFND		

1146	101	99	80	81	61	60	61	50	50	50	41	41	41	30	30	21	21	21	6	5	5
Nuit				BP		BP			BP			BP			BP		BP				BP	
		HPLC		HPLC		HPLC			HPLC			HPLC			HPLC		HPLC				HPLC	
				PPAP		PPAP			PPAP			PPAP			PPAP		PPAP				PPAP	
						PTPA						PTPA										PTPA	
						CH						CH										CH	
	SIL5		SIL5				SIL5			SIL5			SIL5	SIL5				SIL5				SIL5

1147	801	597	404	399	390	197	147	100	89	79	70	60	52	48	41	28	21	9	6	5	6
Jour						HPLC		HPLC			HPLC			HPLC			HPLC					

1148	998	799	596	498	399	301	201	150	100	81	59	51	41	31	18	9	5	4	3	3	3
Jour							HPLC	HPLC	HPLC	HPLC	HPLC	HPLC	HPLC	HPLC	HPLC	HPLC				HPLC	
	SIL3	SIL3	SIL3	SIL3	SIL3	SIL3	SIL3	SIL3	SIL3	SIL3	SIL3	SIL4	SIL4	SIL4	SIL4					SIL4	

1149	1498	997	800	800	800	502	298	148	100	60	49	29	19	10	10	10	10	10	9	10	4
Nuit			HPLC	HPLC	HPLC									IBID	IBID	IBID	IBID	IBID	IBID		

1150	2004	1500	998	498	399	299	199	149	100	78	60	50	41	39	30	21	19	10	5	5	5
Jour							HPLC	HPLC	HPLC	HPLC	HPLC	HPLC		HPLC	HPLC		HPLC	HPLC	HPLC		

1151	10	4																			
Jour		SNUT																			

1152	8	4																			
Jour		SNUT																			

1153	11	5																			
Nuit																					

1154	9	2																			
Nuit		SNUT																			

1155	8	3																			
Nuit		SNUT																			

1156	10	4																			
Nuit		SNUT																			

1157	10	4																			
Nuit		SNUT																			

	|| CIPP	CIPP																			
1158	|| 10	4																			
Jour	||	SNUT																			
1159	|| 12	4																			
Jour	||	SNUT																			
1160	|| 10	4																			
Jour	||	SNUT																			
1161	|| 10	4																			
Jour	||	SNUT																			
1162	|| 10	4																			
Jour	||	SNUT																			
1163	|| 11	6																			
Jour	||	SNUT																			
1164	|| 10	5																			
Jour	||	SNUT																			
1165	|| 10	5																			
Nuit	||	SNUT																			
1166	|| 101	79	58	40	19	4	4	5	4	5	4	4	5	4	4	5	4	4	5	4	5
Nuit	|| QFA3	QFA3	QFA3	QFA3	QFA3	QFA6	QFA6	QFA6	QFA6	QFA6	QFA6	QFA6	QFA6	QFA6	QFA6	QFA6	QFA6	QFA6	QFA6	QFA6	QFA6
1167	|| 1502	998	499	200	201	202	150	117	101	88	78	69	58	48	37	28	19	10	6	5	5
Jour	||						HPLC		HPLC		HPLC		HPLC					HPLC			
1168	|| 996	798	600	499	400	299	197	152	97	82	60	50	41	40	30	21	20	9	4	5	5
Jour	||		BP		BP	BP	BP		BP		BP	BP	BP		BP	BP		BP			BP
	||		FLCL		FLCL	FLCL	FLCL		FLCL		FLCL	FLCL	FLCL		FLCL	FLCL		FLCL			FLCL
	||						HPLC	HPLC	HPLC	HPLC	HPLC	HPLC		HPLC	HPLC		HPLC	HPLC			HPLC
	|| SIL3	SIL3	SIL3	SIL3	SIL3	SIL3	SIL3	SIL3	SIL3	SIL3	SIL3	SIL4		SIL4	SIL4		SIL4				SIL4
1169	|| 1003	1000	399	401	202	201	131	132	134	80	80	81	49	49	52	31	30	31	11	13	10
Jour	||																				
1170	|| 1504	996	699	501	401	299	201	149	100	84	70	51	40	28	19	12	13	13	12	13	12
Jour	||		HPLC	HPLC	HPLC									IBID	IBID	IBID	IBID	IBID	IBID		
1171	|| 60		60	61	59	42	40		40	40	7		7	6		7	7	6		6	6
Nuit	|| QFA9		QFA9	QFA9	QFA9	QFA9	QFA9		QFA9	QFA9	QFA9		QFA9	QFA9		QFA9	QFA9	QFA9		QFA9	QFA9

1172	Nuit	102	102 QFND		80	81 QFAN	60	61 QFND		51	51 QFAN	41		41 QFND	31		30 QFAN	20	20 QFND		10	10 QFND
1173	Nuit	101 SIL5	102 HPLC		81 BP HPLC PPAP	82 SIL5	61 BP HPLC PPAP PTPA CH	61 SIL5		50 BP HPLC PPAP	49 SIL5	41 BP HPLC PPAP PTPA CH		40 SIL5	30 BP HPLC PPAP		30 SIL5	21 BP HPLC PPAP	21 SIL5		10 BP HPLC PPAP PTPA CH	9 SIL5
1174	Jour	152	145 HPLC		101	101 HPLC	91	81		73	68 HPLC	60		49	42		38 HPLC	30	20		9	7 HPLC
1175	Jour	401	401		402	128	125	83		79	52	50		31	28		10	10	10		10	10
1176	Jour	1000	598 BP FLCL		404 BP FLCL	299 BP FLCL	199 BP FLCL HPLC	100 BP FLCL HPLC		81 HPLC	60 BP FLCL HPLC	50 BP FLCL HPLC		41 BP FLCL	41 HPLC		29 BP FLCL HPLC	20 BP FLCL HPLC	10 BP FLCL HPLC		6 HPLC	4 BP FLCL
1177	Jour	1002	402		401	198 HPLC	98 HPLC	80 HPLC		59 HPLC	41 HPLC	27 HPLC		18 HPLC	9		8	7	6		4	4 HPLC
1178	Nuit	1000	1000		1000	901	901	900		800	801	800		699	700		700	600	601		601	600
1179	Jour	501	502		501	400	400	400		301	301	299		201	201		200	152	148		101	101
1180	Jour	83	79		60	50	40	30		20	19	6		5	6		6	5	6		6	6
1181	Jour	2001	1002 HPLC		1002 HPLC	999 HPLC	499	199		150 HPLC	100 HPLC	81 HPLC		60 HPLC	51		39 HPLC	31	20 HPLC		11 HPLC	5 HPLC
1182	Nuit	1997	1497		997	799	599	499		400	297	199		129	78		49	29	9		5	5
1183	Nuit	101	100 QFND		61	61 QFND	61	50		50 QFAN	41	41 QFND		30	30 QFAN		19	19 QFND	20		6	5 QFND
1184	Nuit	100 SIL5	100		81	80 SIL5	60 PP	61 SIL5		50 PP	50 SIL5	40 PP		41 SIL5	30 PP		30 SIL5	21 PP	21 SIL5		11 PP	10 SIL5

1185	1001	602		397	301	201	99		82	59	48		43	40		29	20	10		6	4
Jour						HPLC	HPLC		HPLC	HPLC	HPLC			HPLC		HPLC	HPLC	HPLC		HPLC	
	SIL3	SIL3		SIL3	SIL3	SIL3	SIL3		SIL3	SIL3	SIL4			SIL3		SIL4	SIL3				SIL4
1186	1001	5																			
Jour		SNUT																			
1187	11	5																			
Jour		SNUT																			
1188	12	5																			
Jour		SNUT																			
1189	11	5																			
Nuit		SNUT																			
1190	10	5																			
Nuit		SNUT																			
1191	6	4																			
Nuit		SNUT																			
1192	9	4																			
Nuit		SNUT																			
1193	10	3																			
Nuit		SNUT																			
1194	10	4																			
Jour		SNUT																			
1195	11	5																			
Jour		SNUT																			
1196	11	6																			
Jour		SNUT																			
1197	12	6																			
Jour		SNUT																			
1198	9	4																			
Jour		SNUT																			
1199	11	5																			
Jour		SNUT																			
1200	11	4																			

Jour			SNUT																			
1201		10	4																			
Nuit			SNUT																			
1202		9	5																			
Nuit			SNUT																			
1203		9	4																			
Nuit			SNUT																			
1204		9	4																			
Nuit			SNUT																			
1205		9	2																			
Nuit			SNUT																			
1206		9	4																			
Nuit			SNUT																			

POMME 1 - LEG2

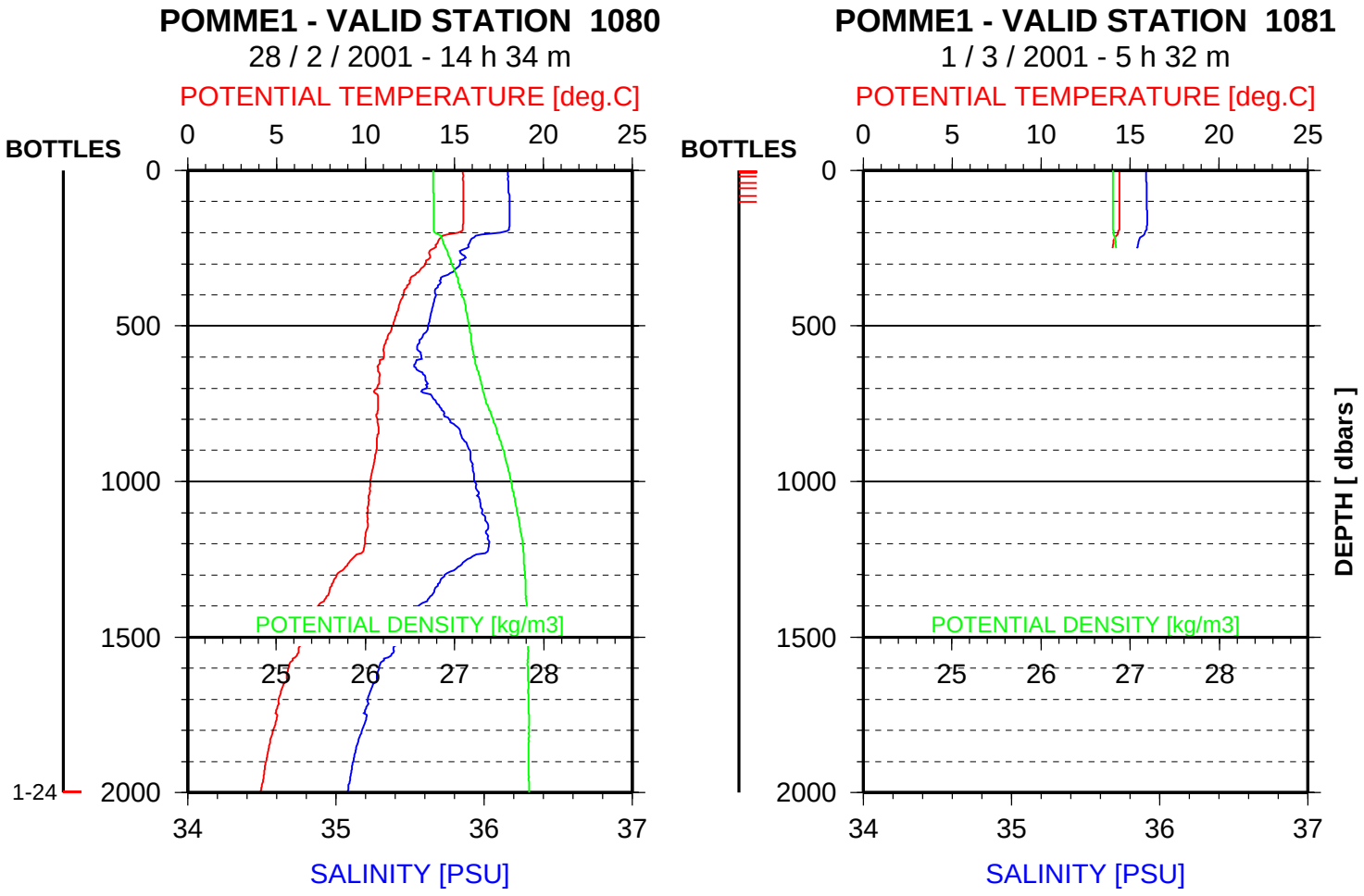
1 Mars - 19 Mars 2001

ATALANTE

0 - 400 dbars
0 - 2000 dbars

L.PRIEUR - J.RAUNET

Laboratoire d'Oceanographie - Observatoire Oceanologique . BP 08 . 06230 VILLEFRANCHE SUR MER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28 / 2 / 2001 - 14 h 34 m
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BOTTLES
1-24
POTENTIAL DENSITY [kg/m3]
SALINITY [PSU]
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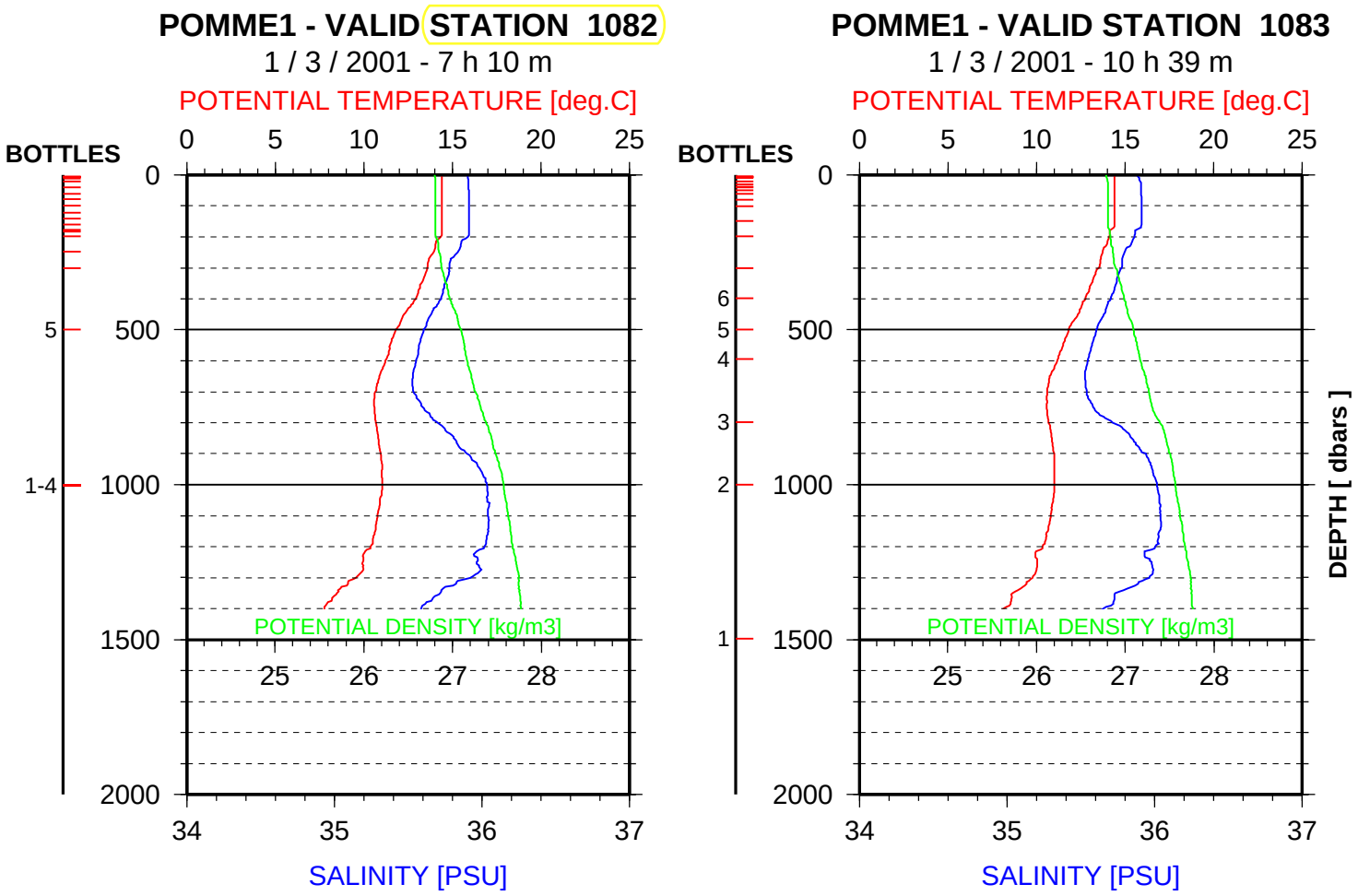
1 / 3 / 2001 - 5 h 32 m
POTENTIAL TEMPERATURE [deg.C]
BOTTLES
POTENTIAL DENSITY [kg/m3]
SALINITY [PSU]
DEPTH [dbars]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1 / 3 / 2001 - 7 h 10 m
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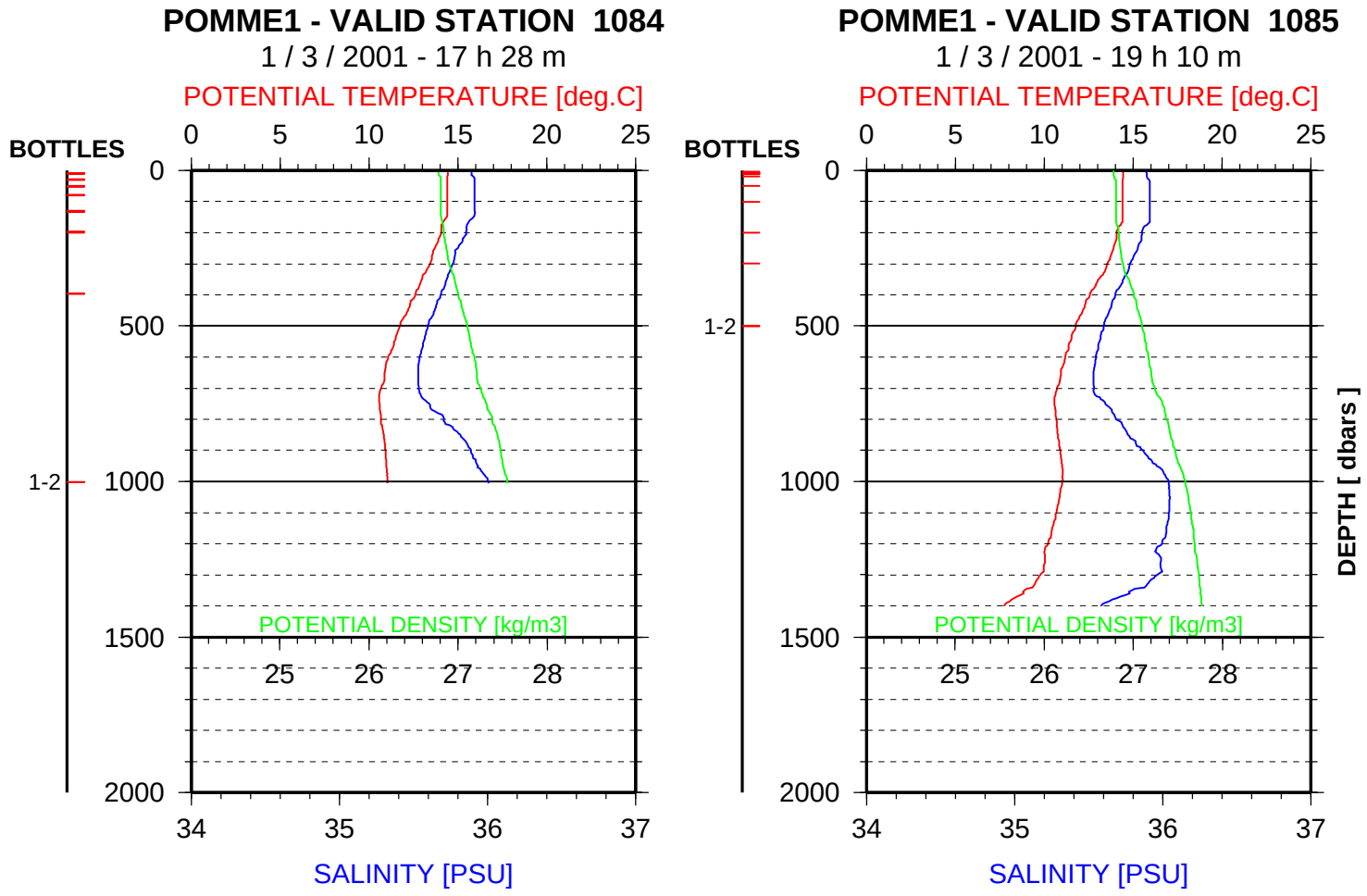
BOTTLES
5
1-4
POTENTIAL DENSITY [kg/m3]
SALINITY [PSU]
POMME1 - VALID STATION 1083
1 / 3 / 2001 - 10 h 39 m
POTENTIAL TEMPERATURE [deg.C]
BOTTLES
6
5
4
3
2
1
POTENTIAL DENSITY [kg/m3]
SALINITY [PSU]
DEPTH [dbars]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1 / 3 / 2001 - 17 h 28 m
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BOTTLES
1-2
POTENTIAL DENSITY [kg/m3]
SALINITY [PSU]
POMME1 - VALID STATION 1085
1 / 3 / 2001 - 19 h 10 m
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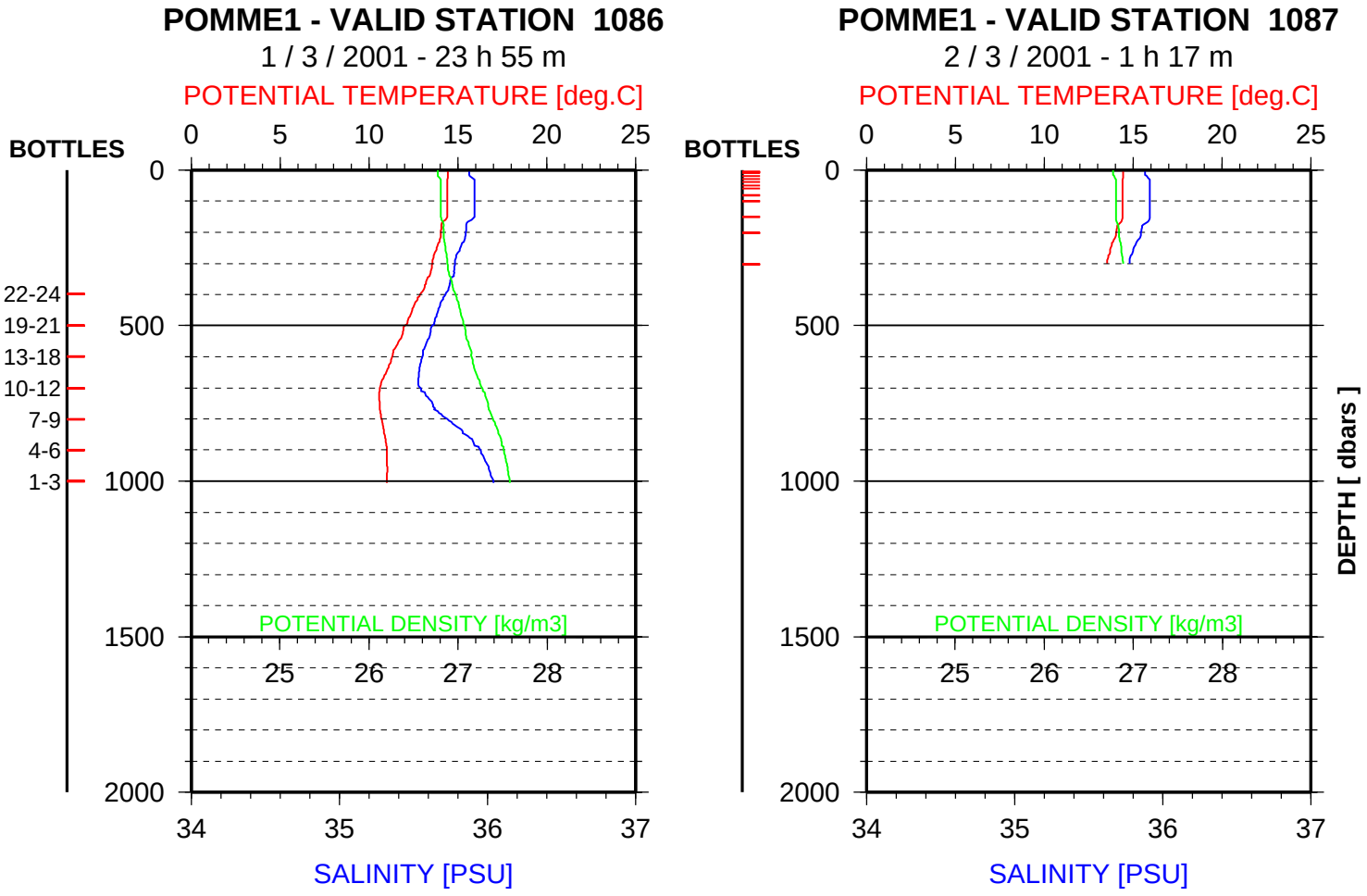
BOTTLES
1-2
POTENTIAL DENSITY [kg/m3]
SALINITY [PSU]
DEPTH [dbars]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1 / 3 / 2001 - 23 h 55 m
POTENTIAL TEMPERATURE [deg.C]
BOTTLES
22-24
19-21
13-18
10-12
7-9
4-6
1-3
POTENTIAL DENSITY [kg/m3]
SALINITY [PSU]
POMME1 - VALID STATION 1087
2 / 3 / 2001 - 1 h 17 m
POTENTIAL TEMPERATURE [deg.C]
BOTTLES
POTENTIAL DENSITY [kg/m3]
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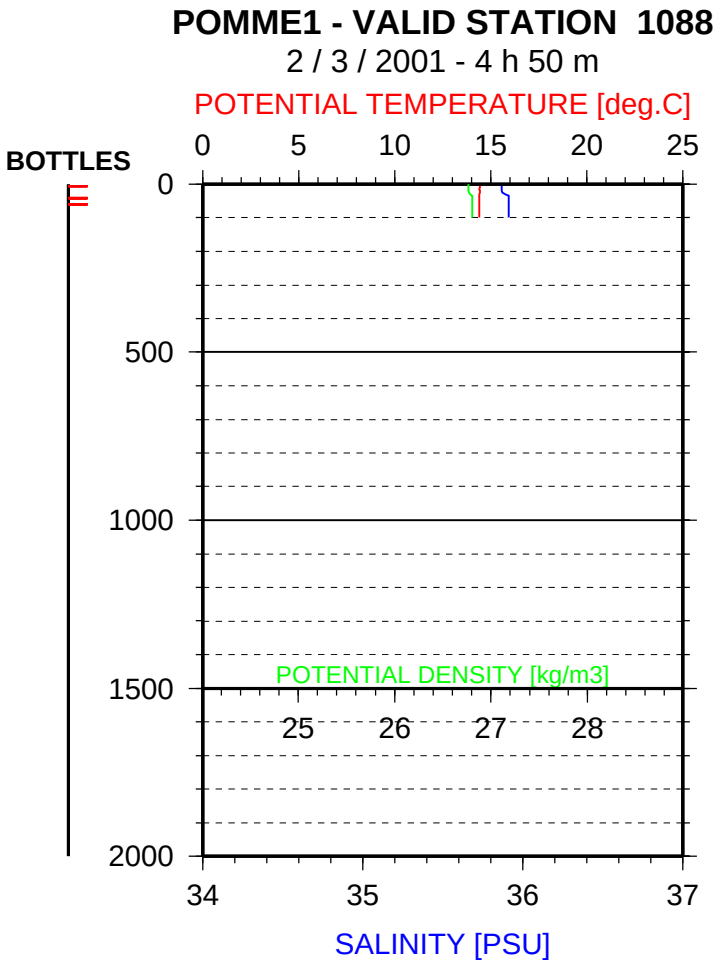
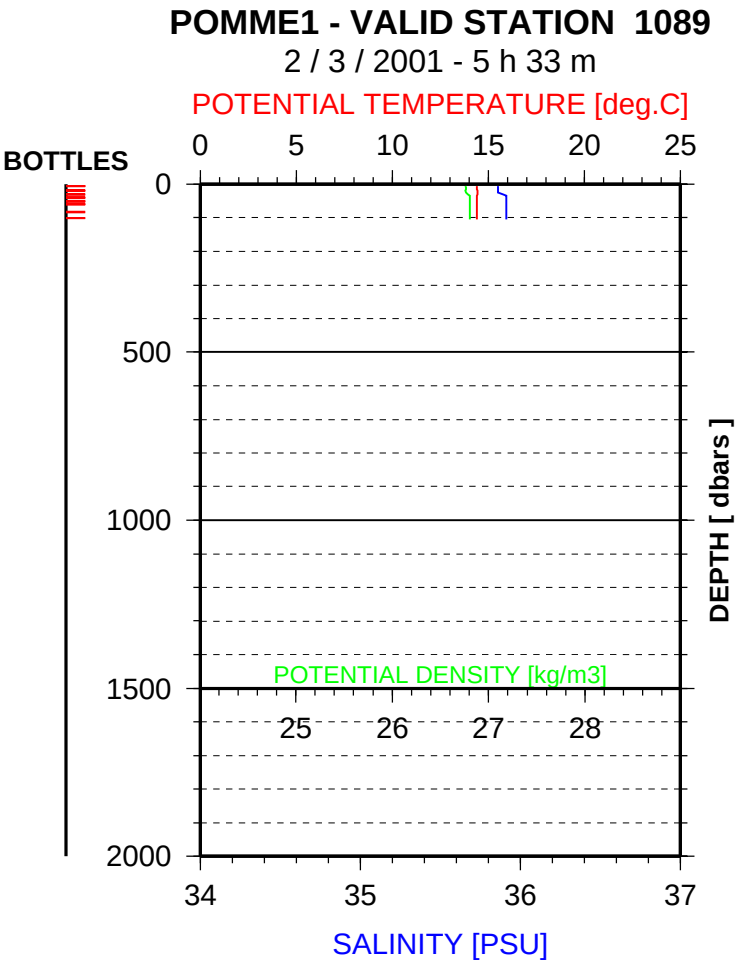
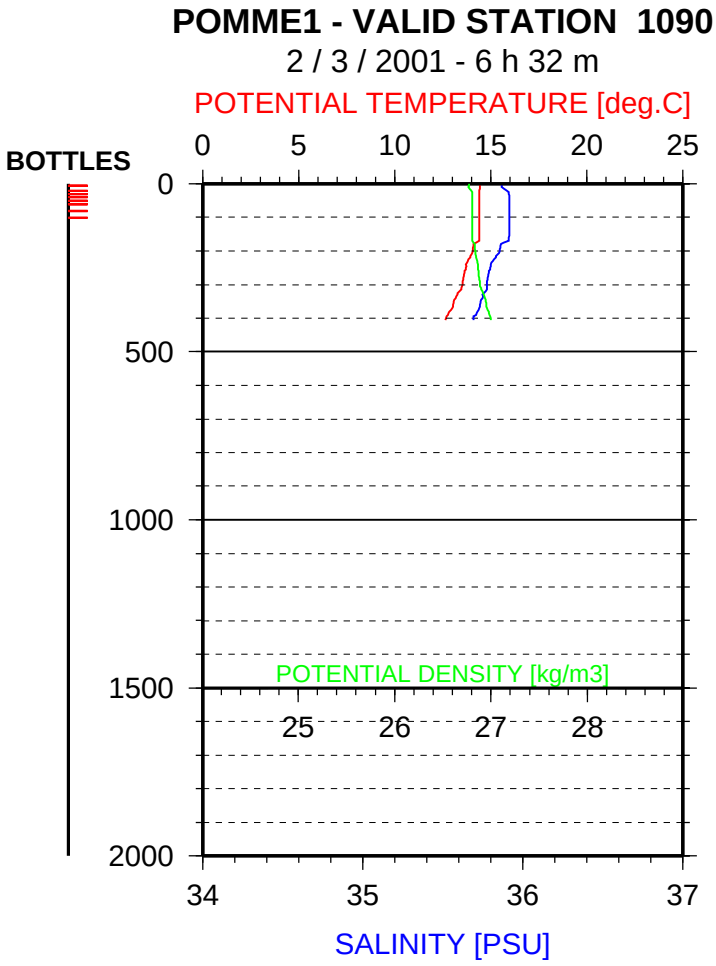
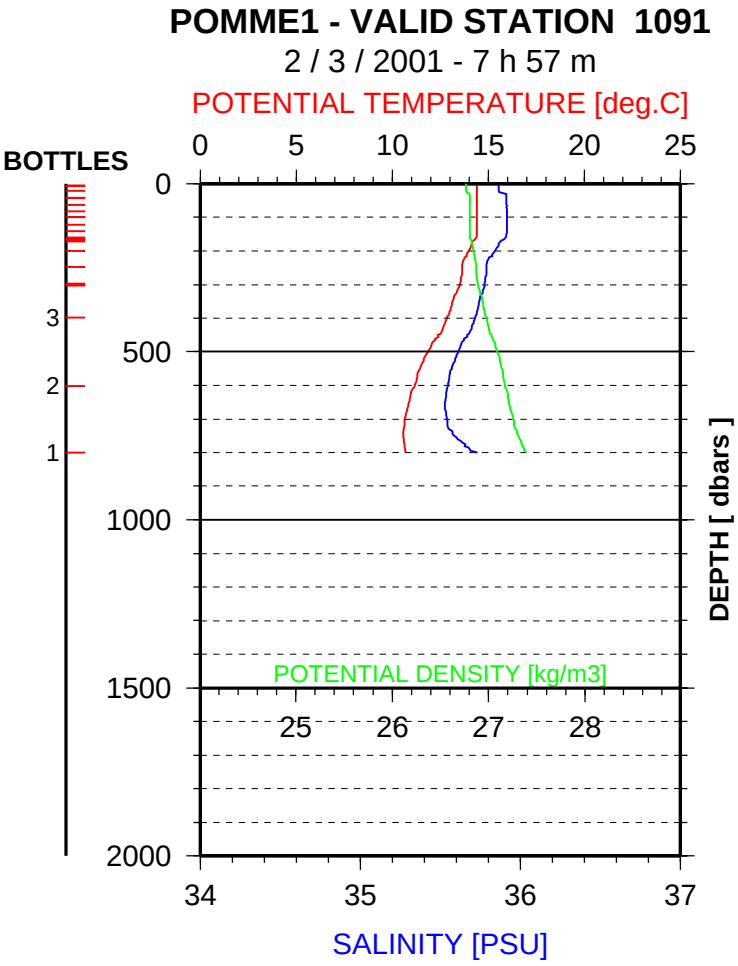
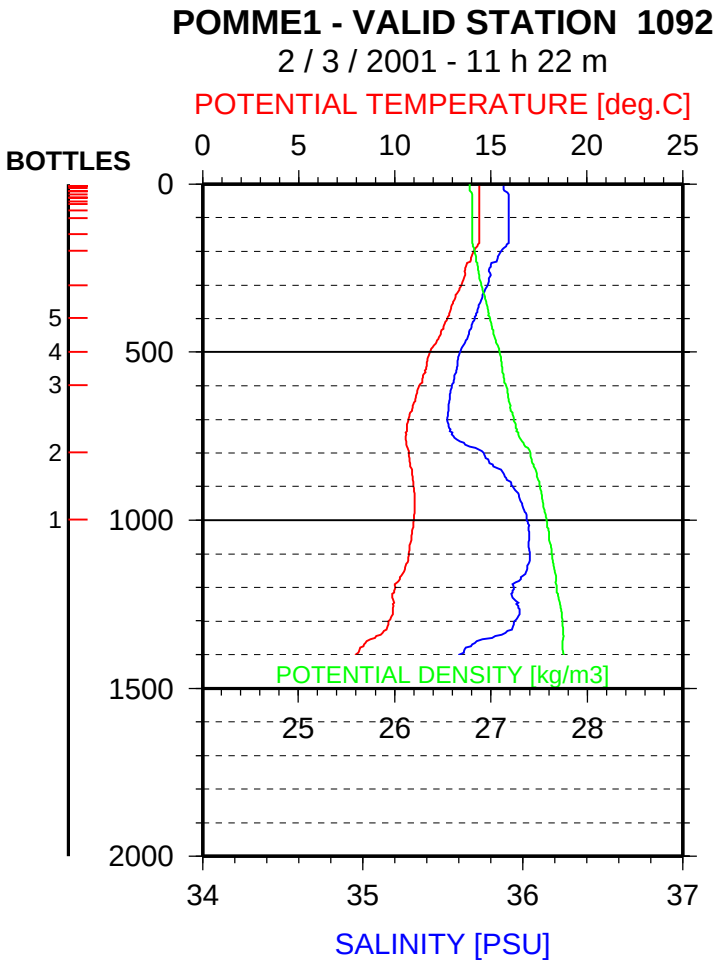
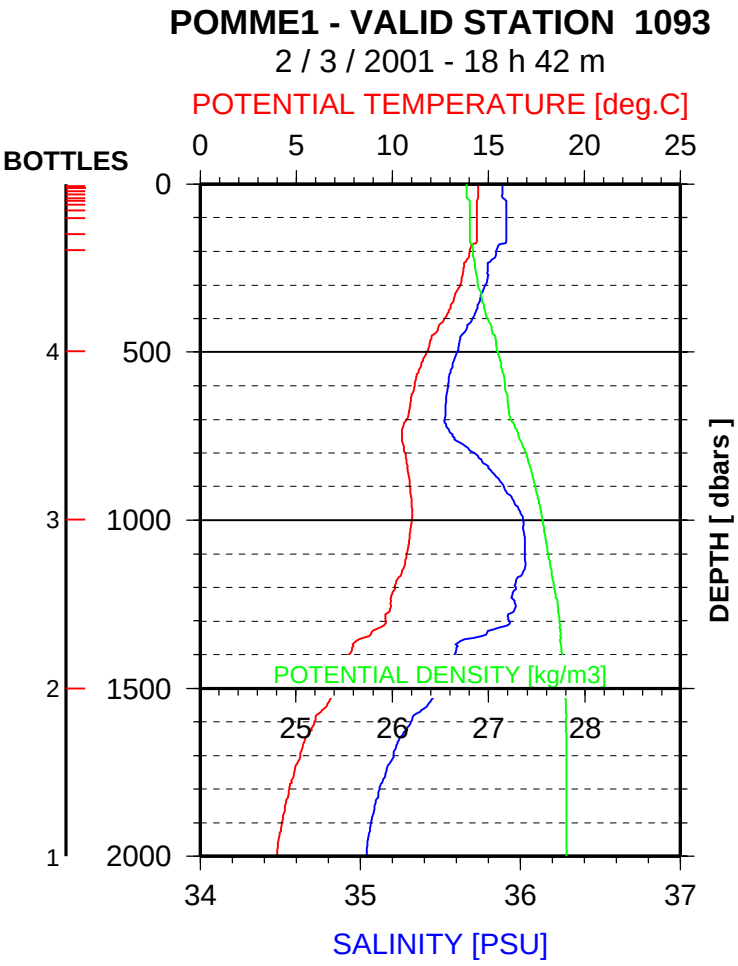

POMME1 - VALID STATION 1088
2 / 3 / 2001 - 4 h 50 m
POTENTIAL TEMPERATURE [deg.C]
BOTTLES
0 5 10 15 20 25
0
500
1000
1500
2000
POTENTIAL DENSITY [kg/m3]
25 26 27 28
34 35 36 37
SALINITY [PSU]

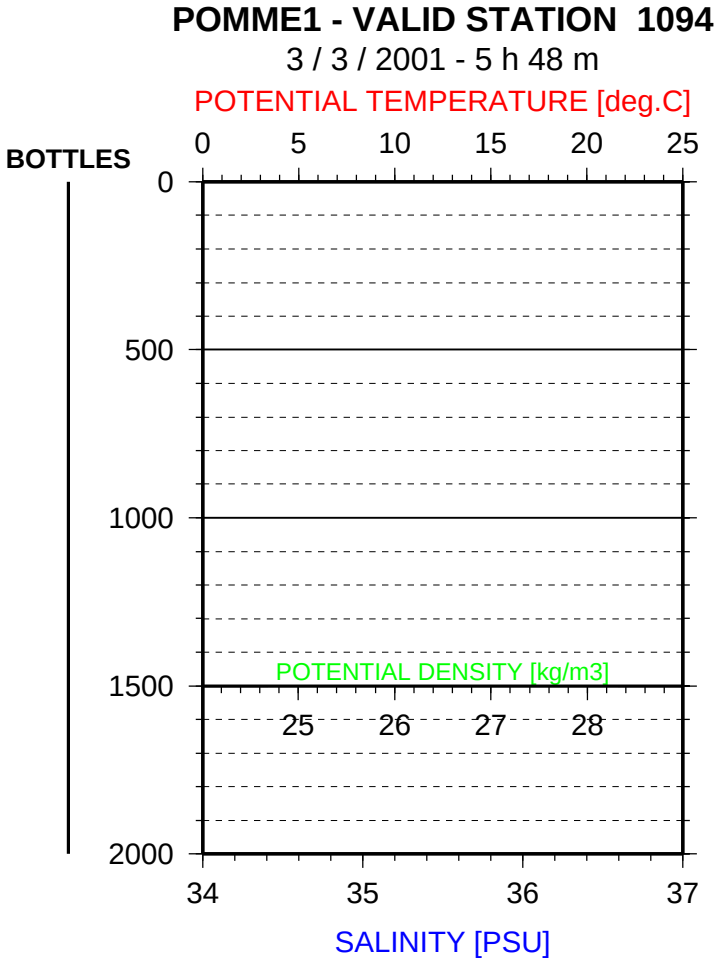

POMME1 - VALID STATION 1089
2 / 3 / 2001 - 5 h 33 m
POTENTIAL TEMPERATURE [deg.C]
BOTTLES
0 5 10 15 20 25
0
500
1000
1500
2000
POTENTIAL DENSITY [kg/m3]
25 26 27 28
34 35 36 37
SALINITY [PSU]
DEPTH [dbars]

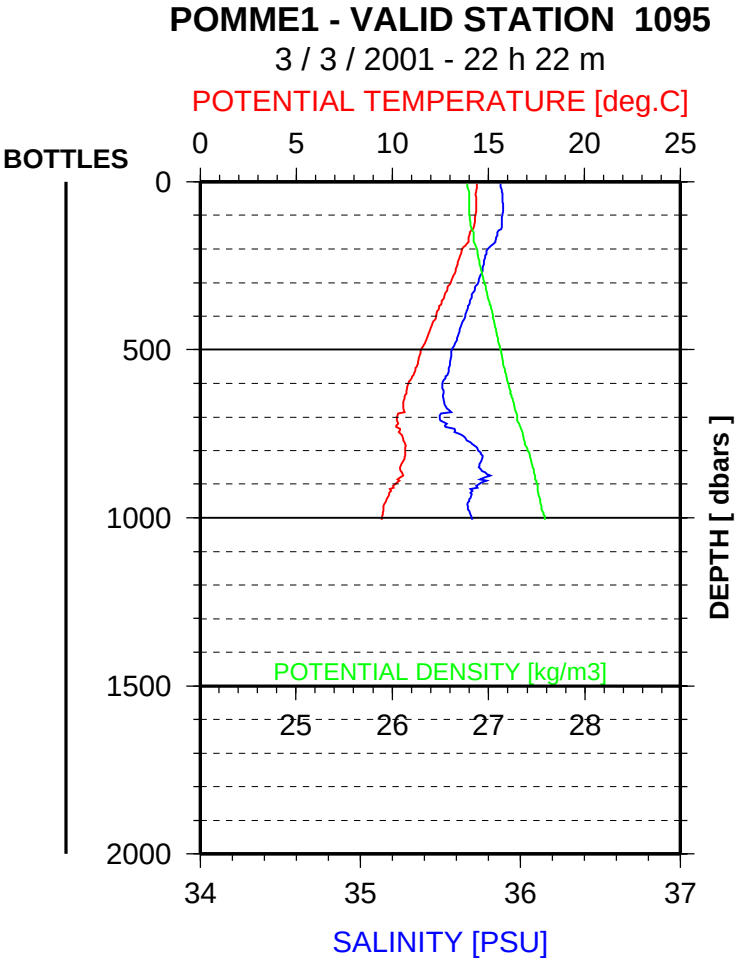

POMME1 - VALID STATION 1090
2 / 3 / 2001 - 6 h 32 m
POTENTIAL TEMPERATURE [deg.C]
BOTTLES
0 5 10 15 20 25
0
500
1000
1500
2000
POTENTIAL DENSITY [kg/m3]
25 26 27 28
34 35 36 37
SALINITY [PSU]

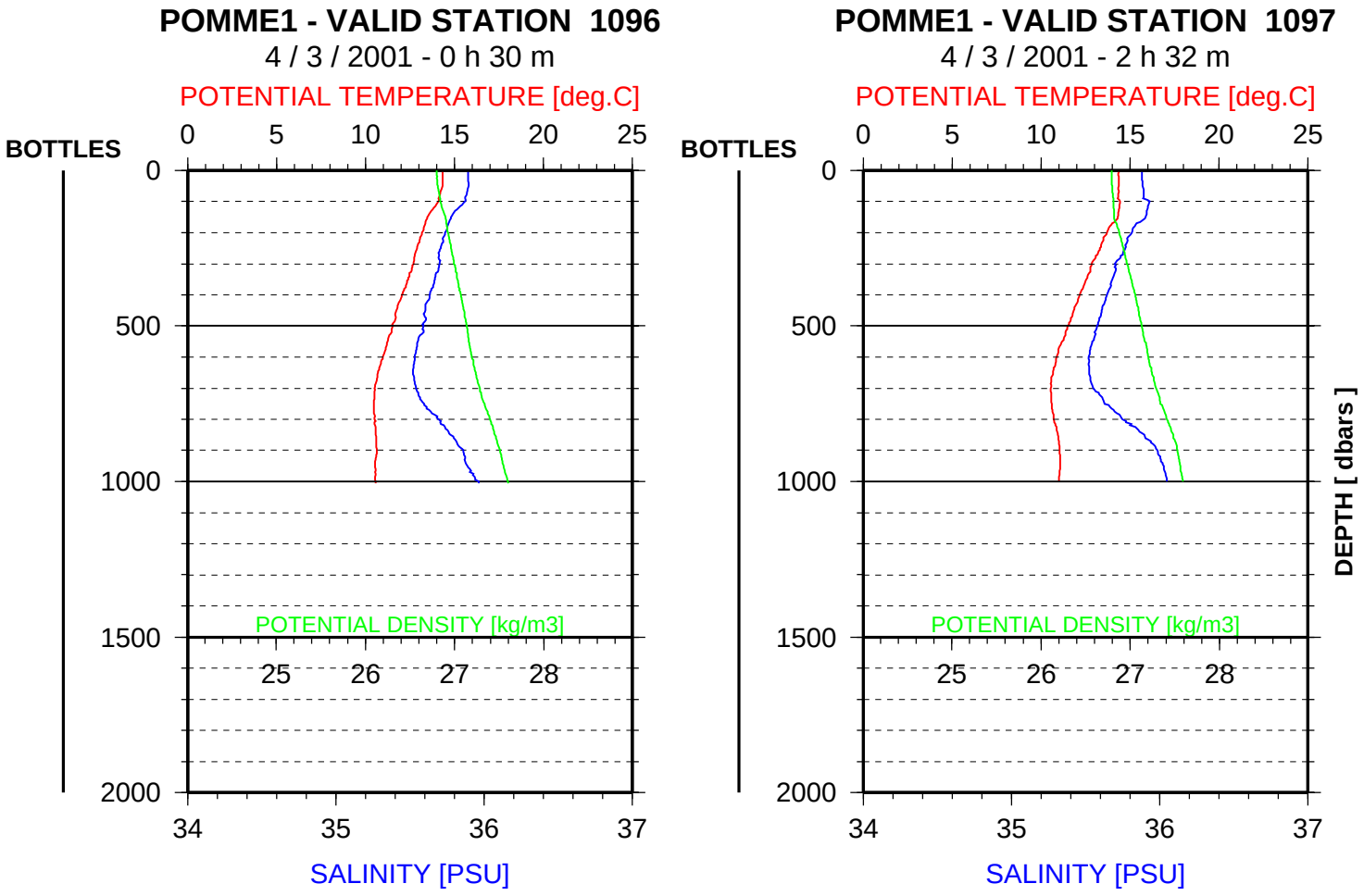

POMME1 - VALID STATION 1091
2 / 3 / 2001 - 7 h 57 m
POTENTIAL TEMPERATURE [deg.C]
BOTTLES
0 5 10 15 20 25
3
2
1
0
500
1000
1500
2000
POTENTIAL DENSITY [kg/m3]
25 26 27 28
34 35 36 37
SALINITY [PSU]
DEPTH [dbars]

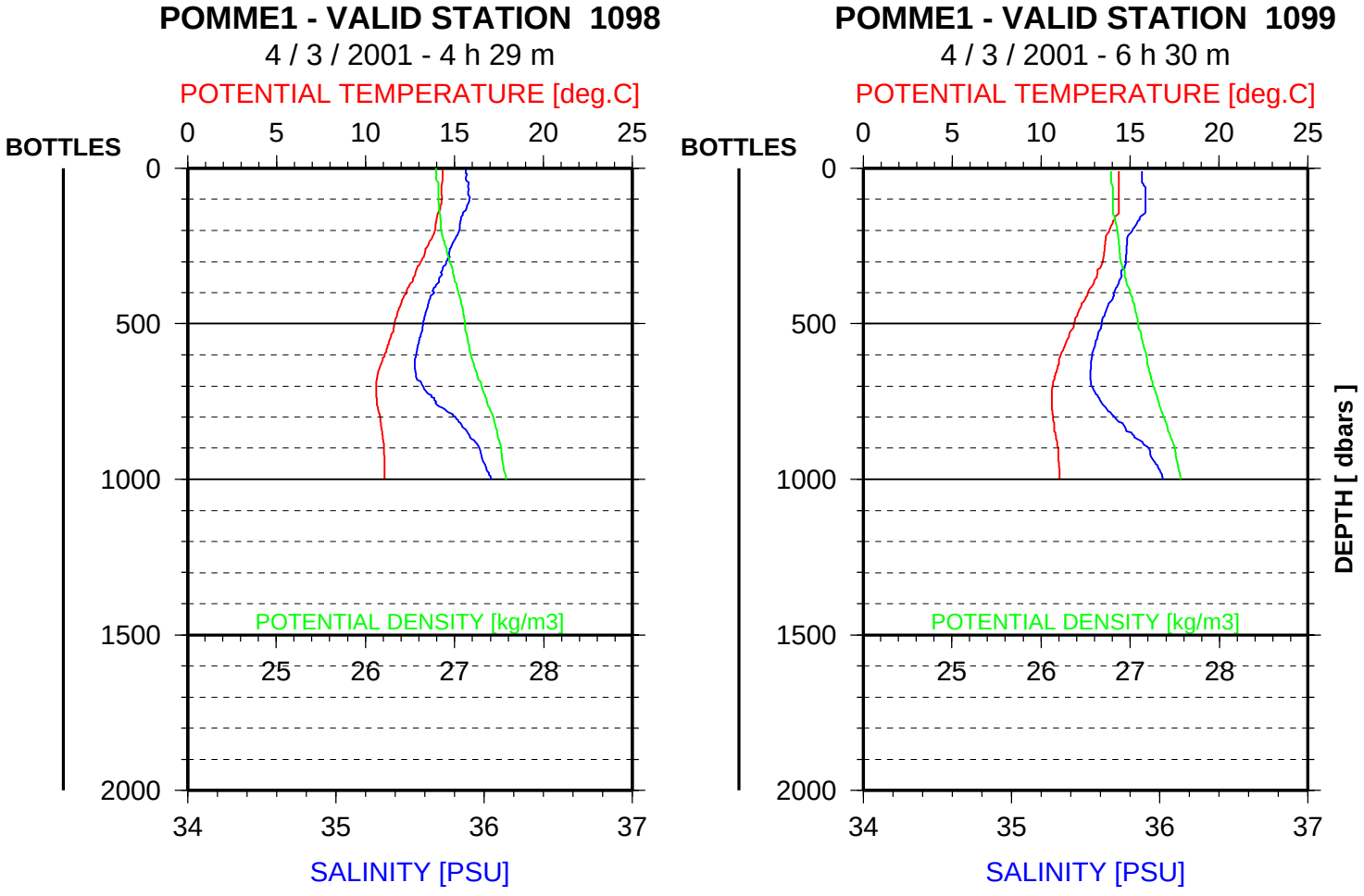

POMME1 - VALID STATION 1092
2 / 3 / 2001 - 11 h 22 m
POTENTIAL TEMPERATURE [deg.C]
BOTTLES
0 5 10 15 20 25
0
500
1000
1500
2000
5
4
3
2
1
POTENTIAL DENSITY [kg/m3]
25 26 27 28
34 35 36 37
SALINITY [PSU]

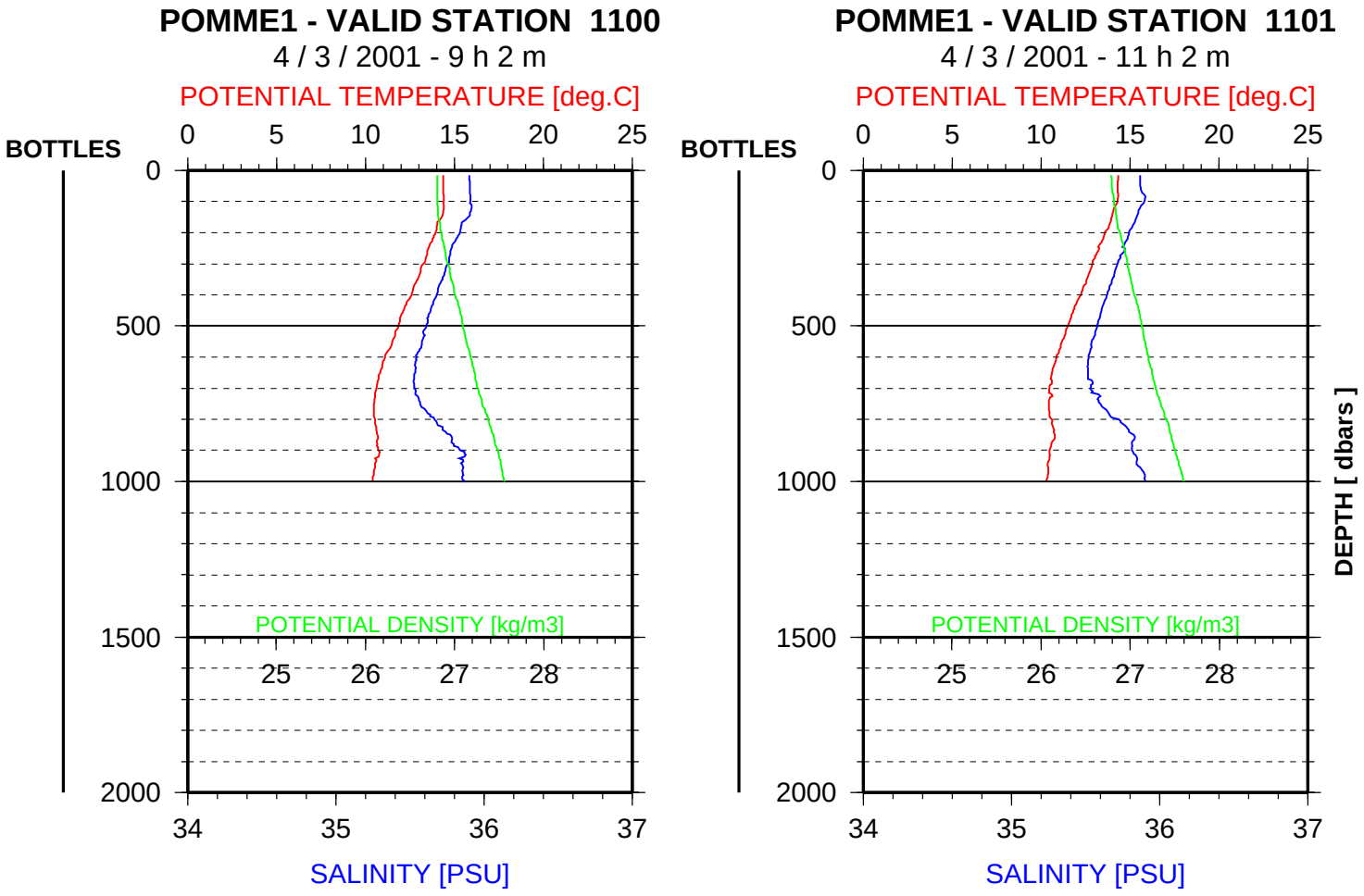

POMME1 - VALID STATION 1093
2 / 3 / 2001 - 18 h 42 m
POTENTIAL TEMPERATURE [deg.C]
BOTTLES
0 5 10 15 20 25
0
500
1000
1500
2000
4
3
2
1
POTENTIAL DENSITY [kg/m3]
25 26 27 28
34 35 36 37
SALINITY [PSU]
DEPTH [dbars]

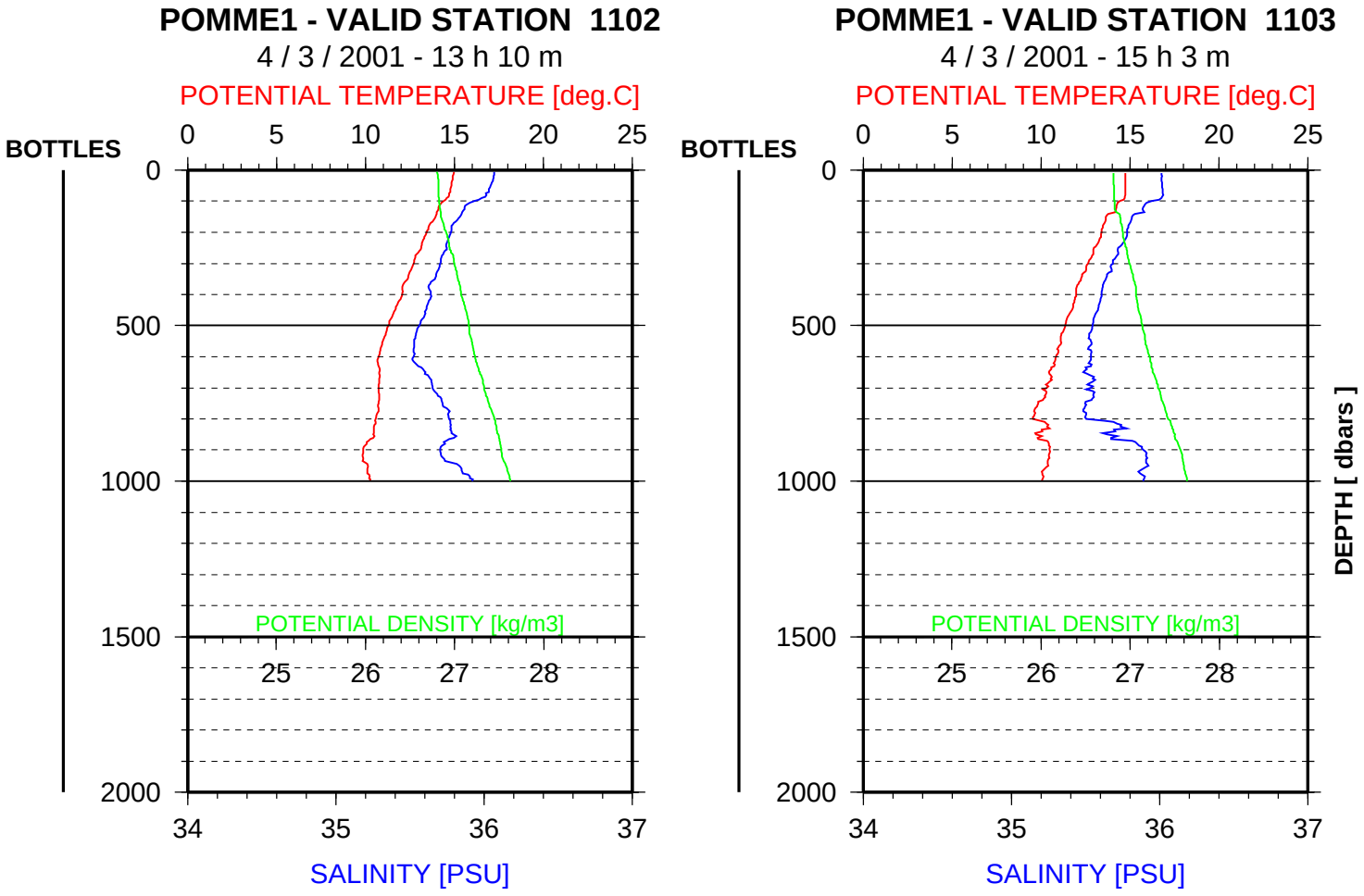

POMME1 - VALID STATION 1094
3 / 3 / 2001 - 5 h 48 m
POTENTIAL TEMPERATURE [deg.C]
BOTTLES
0 5 10 15 20 25
0
500
1000
1500
2000
POTENTIAL DENSITY [kg/m3]
25 26 27 28
34 35 36 37
SALINITY [PSU]

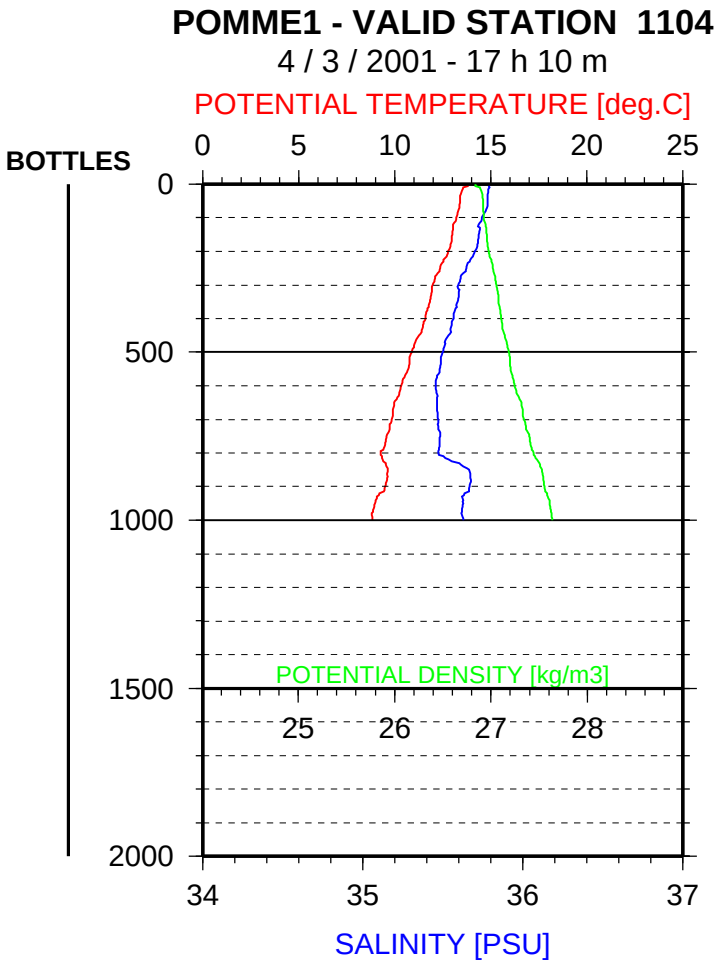

POMME1 - VALID STATION 1095
3 / 3 / 2001 - 22 h 22 m
POTENTIAL TEMPERATURE [deg.C]
BOTTLES
0 5 10 15 20 25
0
500
1000
1500
2000
POTENTIAL DENSITY [kg/m3]
25 26 27 28
34 35 36 37
SALINITY [PSU]
DEPTH [dbars]

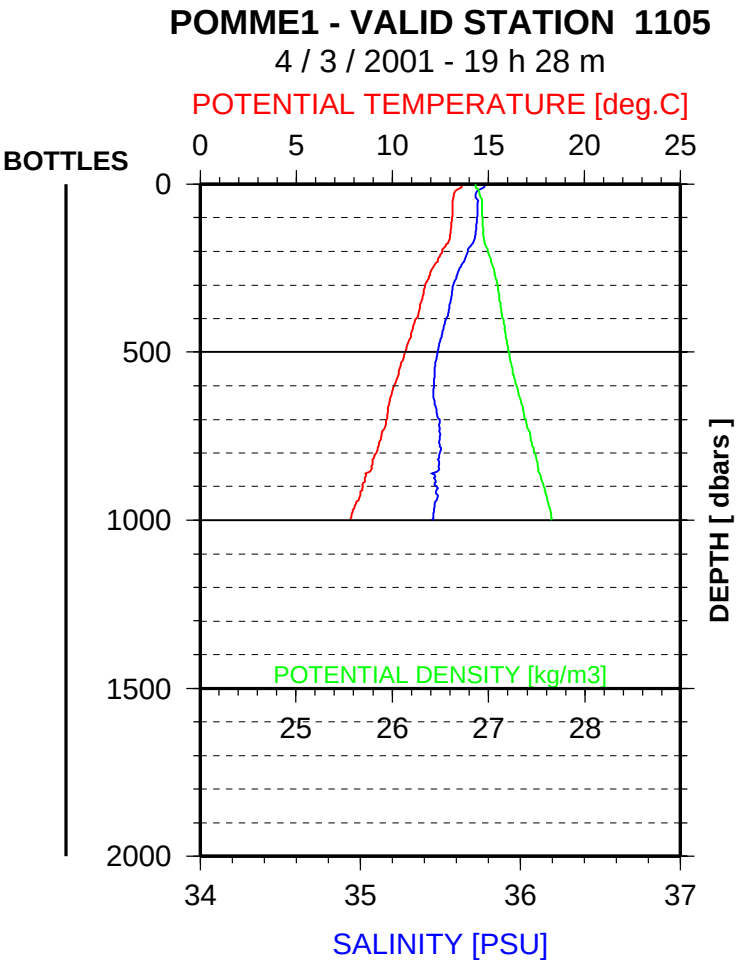

POMME1 - VALID STATION 1096
4 / 3 / 2001 - 0 h 30 m
POTENTIAL TEMPERATURE [deg.C]
BOTTLES
0 5 10 15 20 25
0
500
1000
1500
2000
POTENTIAL DENSITY [kg/m3]
25 26 27 28
34 35 36 37
SALINITY [PSU]
POMME1 - VALID STATION 1097
4 / 3 / 2001 - 2 h 32 m
POTENTIAL TEMPERATURE [deg.C]
BOTTLES
DEPTH [dbars]
POTENTIAL DENSITY [kg/m3]
SALINITY [PSU]

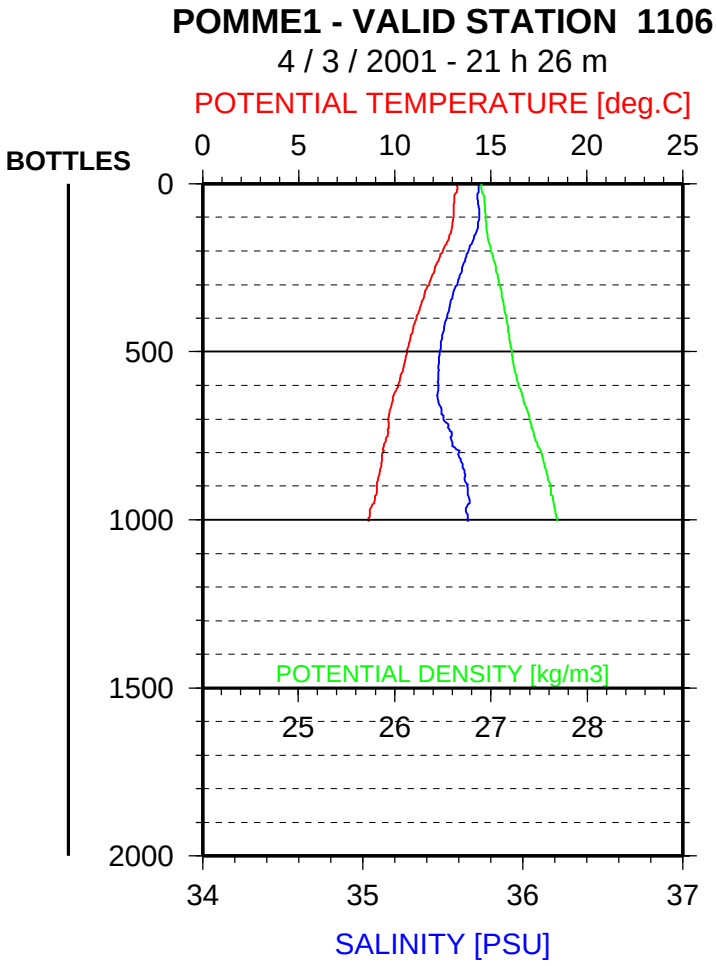

POMME1 - VALID STATION 1098
4 / 3 / 2001 - 4 h 29 m
POTENTIAL TEMPERATURE [deg.C]
BOTTLES
POTENTIAL DENSITY [kg/m3]
SALINITY [PSU]
POMME1 - VALID STATION 1099
4 / 3 / 2001 - 6 h 30 m
POTENTIAL TEMPERATURE [deg.C]
BOTTLES
DEPTH [dbars]
POTENTIAL DENSITY [kg/m3]
SALINITY [PSU]

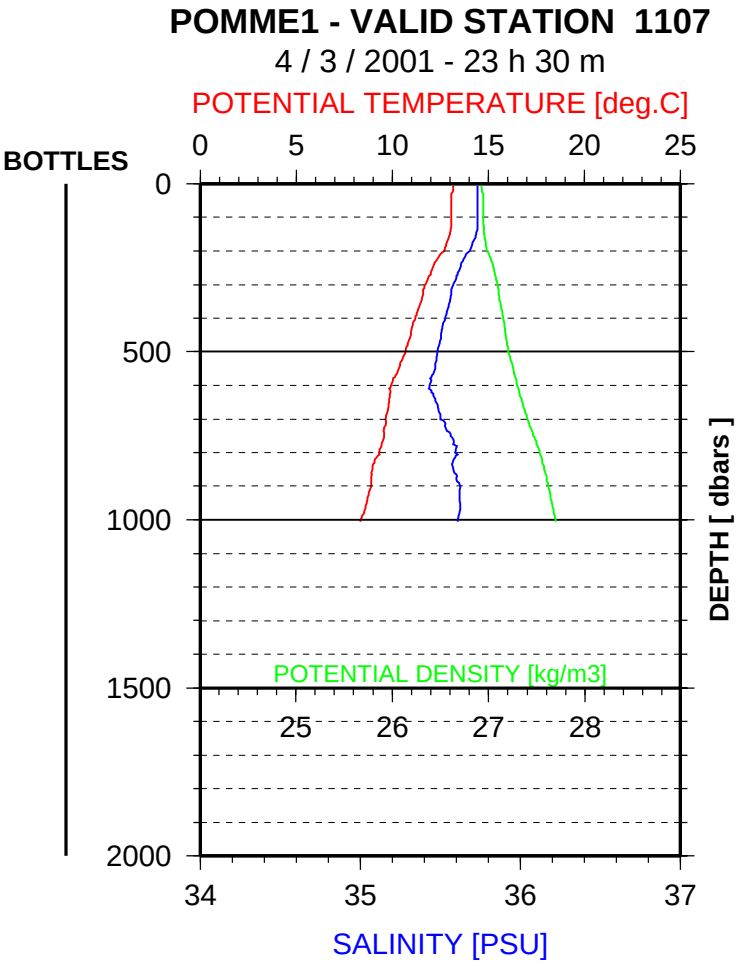

POMME1 - VALID STATION 1100
4 / 3 / 2001 - 9 h 2 m
POTENTIAL TEMPERATURE [deg.C]
BOTTLES
0 5 10 15 20 25
0
500
1000
1500
2000
POTENTIAL DENSITY [kg/m3]
25 26 27 28
34 35 36 37
SALINITY [PSU]
POMME1 - VALID STATION 1101
4 / 3 / 2001 - 11 h 2 m
POTENTIAL TEMPERATURE [deg.C]
BOTTLES
DEPTH [dbars]


POMME1 - VALID STATION 1102
4 / 3 / 2001 - 13 h 10 m
POTENTIAL TEMPERATURE [deg.C]
BOTTLES
SALINITY [PSU]
POMME1 - VALID STATION 1103
4 / 3 / 2001 - 15 h 3 m
POTENTIAL TEMPERATURE [deg.C]
BOTTLES
DEPTH [dbars]


POMME1 - VALID STATION 1104
4 / 3 / 2001 - 17 h 10 m
POTENTIAL TEMPERATURE [deg.C]
BOTTLES
0 5 10 15 20 25
0
500
1000
1500
2000
POTENTIAL DENSITY [kg/m3]
25 26 27 28
34 35 36 37
SALINITY [PSU]

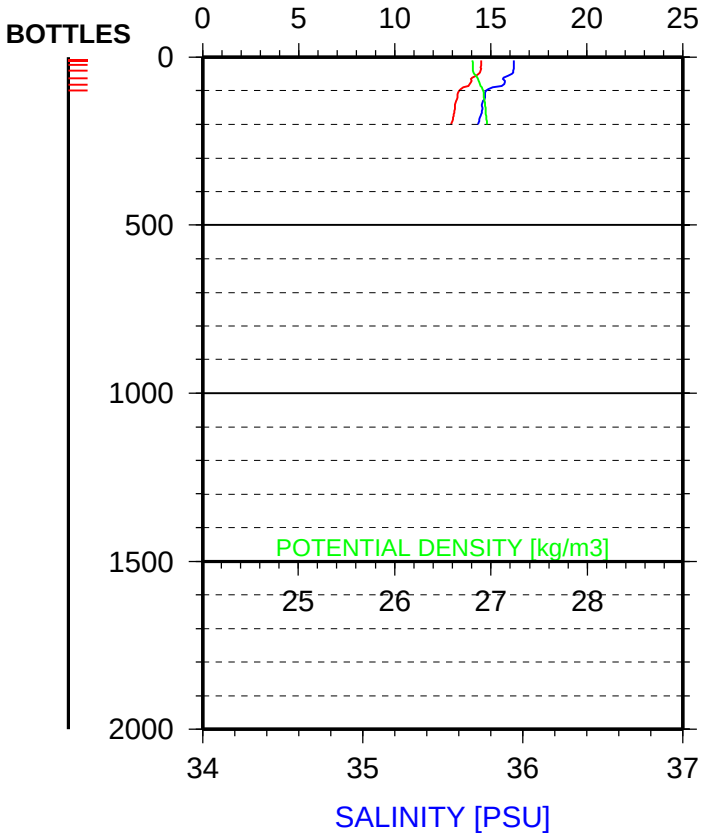

POMME1 - VALID STATION 1105
4 / 3 / 2001 - 19 h 28 m
POTENTIAL TEMPERATURE [deg.C]
BOTTLES
0 5 10 15 20 25
0
500
1000
1500
2000
POTENTIAL DENSITY [kg/m3]
25 26 27 28
34 35 36 37
SALINITY [PSU]
DEPTH [dbars]


POMME1 - VALID STATION 1106
4 / 3 / 2001 - 21 h 26 m
POTENTIAL TEMPERATURE [deg.C]
BOTTLES
0 5 10 15 20 25
0
500
1000
1500
2000
POTENTIAL DENSITY [kg/m3]
25 26 27 28
34 35 36 37
SALINITY [PSU]


POMME1 - VALID STATION 1107
4 / 3 / 2001 - 23 h 30 m
POTENTIAL TEMPERATURE [deg.C]
BOTTLES
0 5 10 15 20 25
0
500
1000
1500
2000
POTENTIAL DENSITY [kg/m3]
25 26 27 28
34 35 36 37
SALINITY [PSU]
DEPTH [dbars]

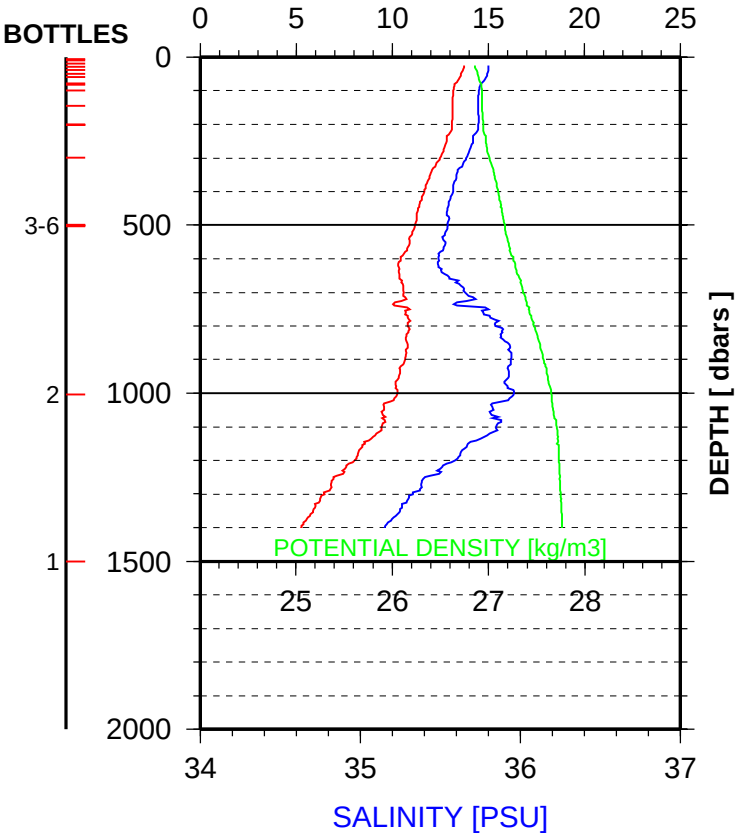
POMME1 - VALID STATION 1108

5 / 3 / 2001 - 5 h 26 m



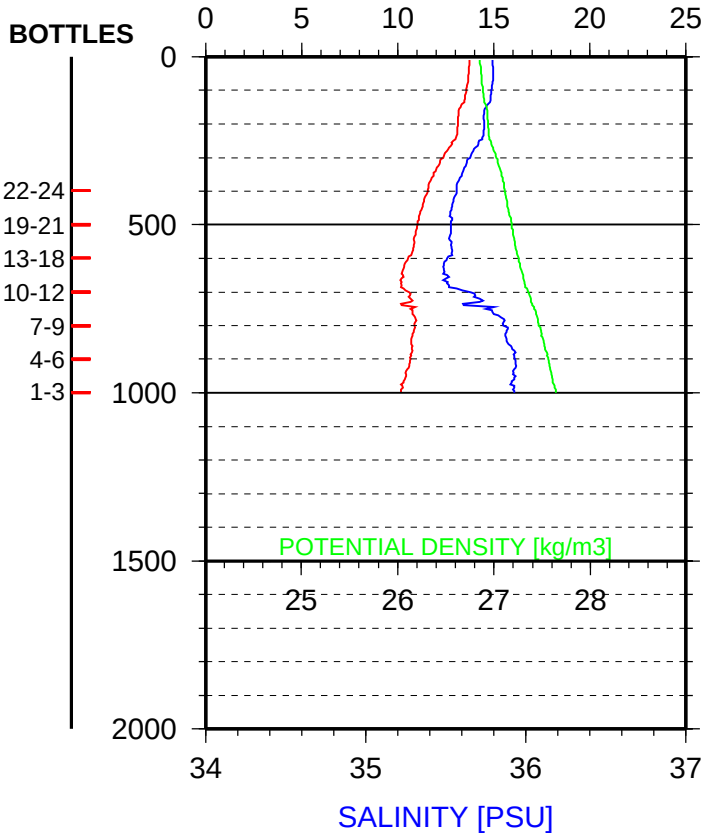
POMME1 - VALID STATION 1109

5 / 3 / 2001 - 18 h 45 m



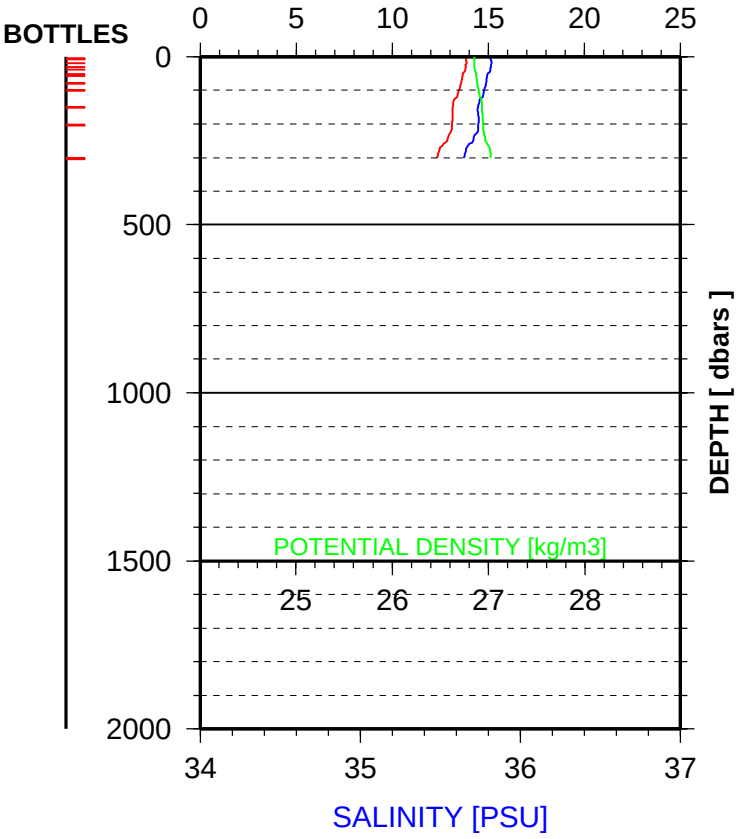
POMME1 - VALID STATION 1110

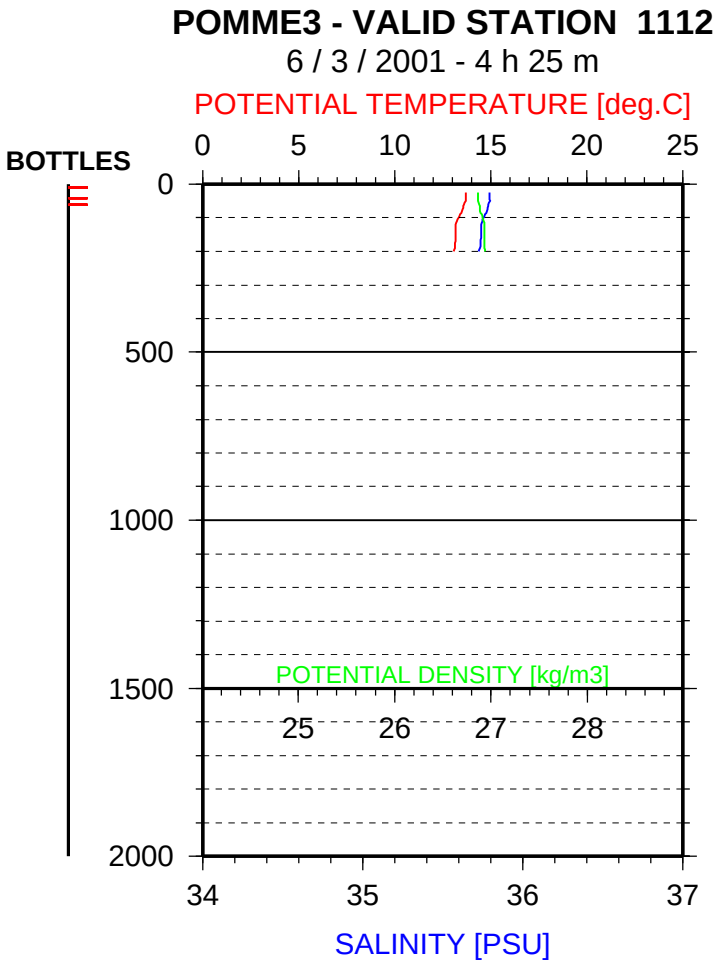
5 / 3 / 2001 - 22 h 12 m

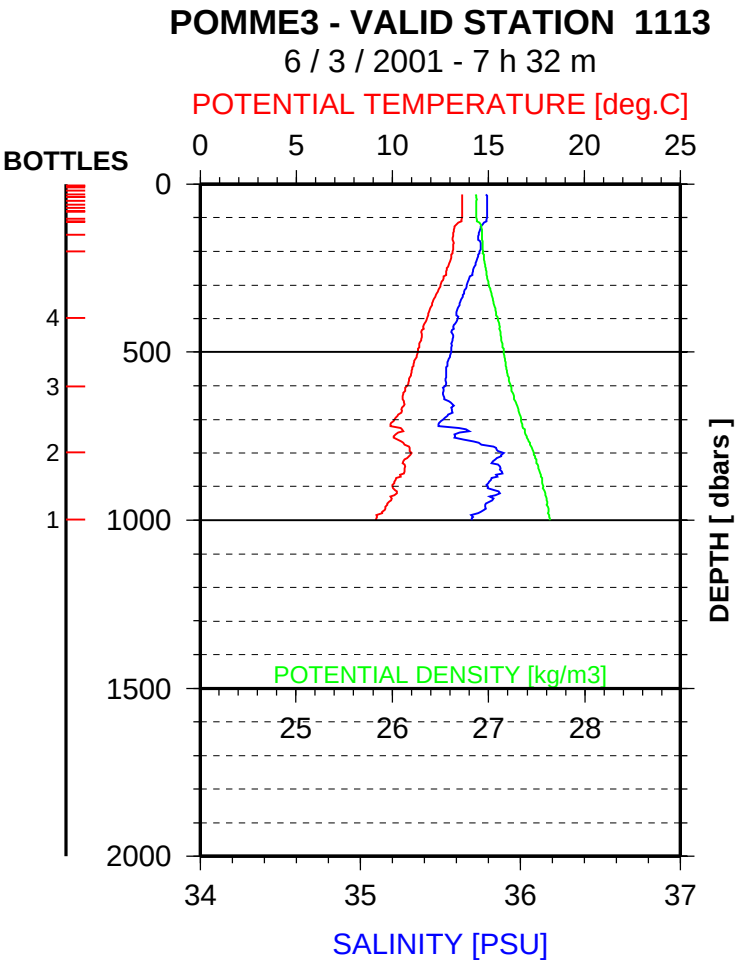


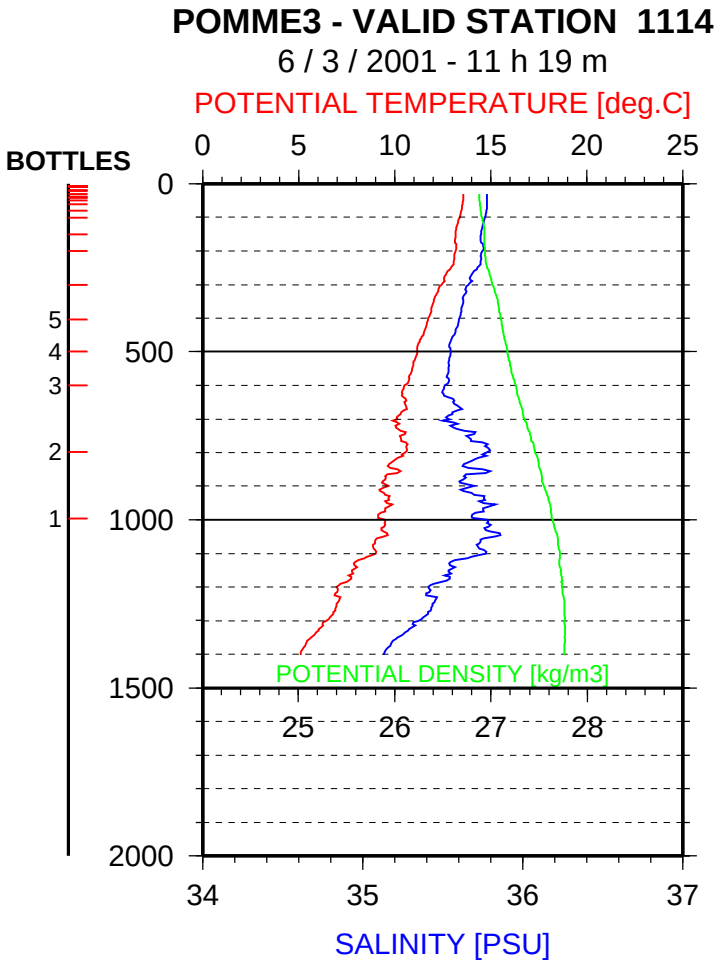
POMME1 - VALID STATION 1111

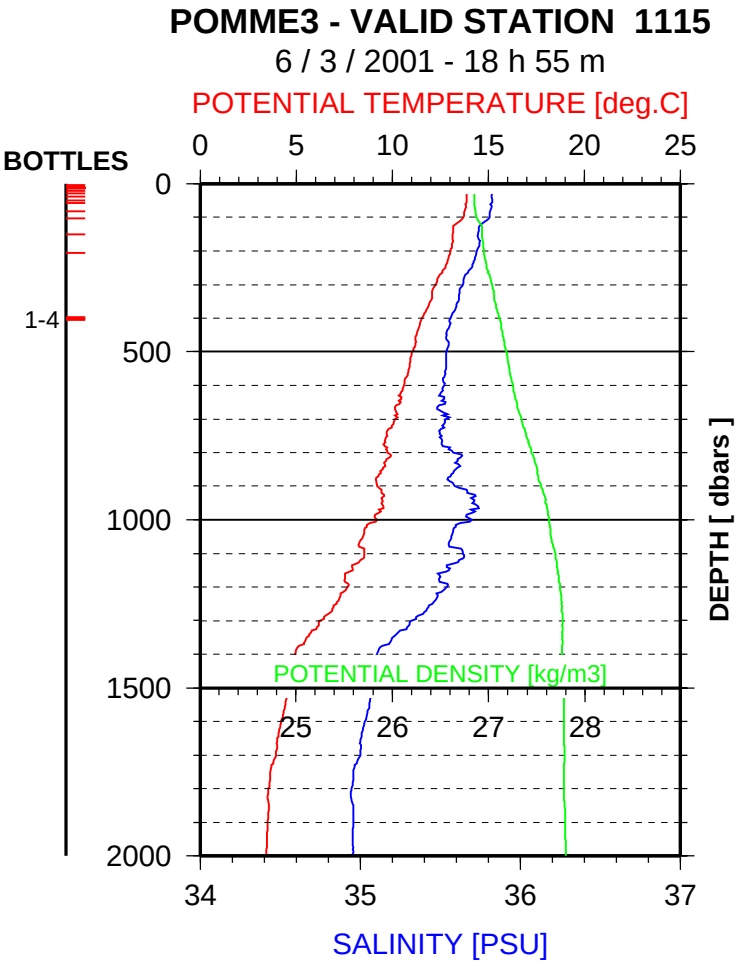
6 / 3 / 2001 - 0 h 28 m

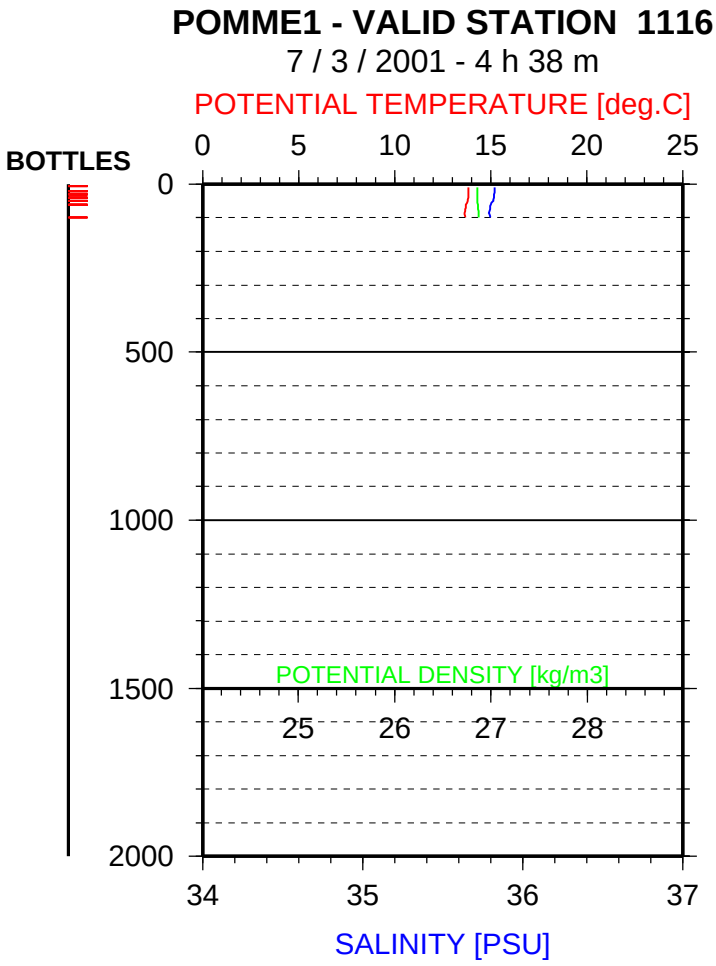


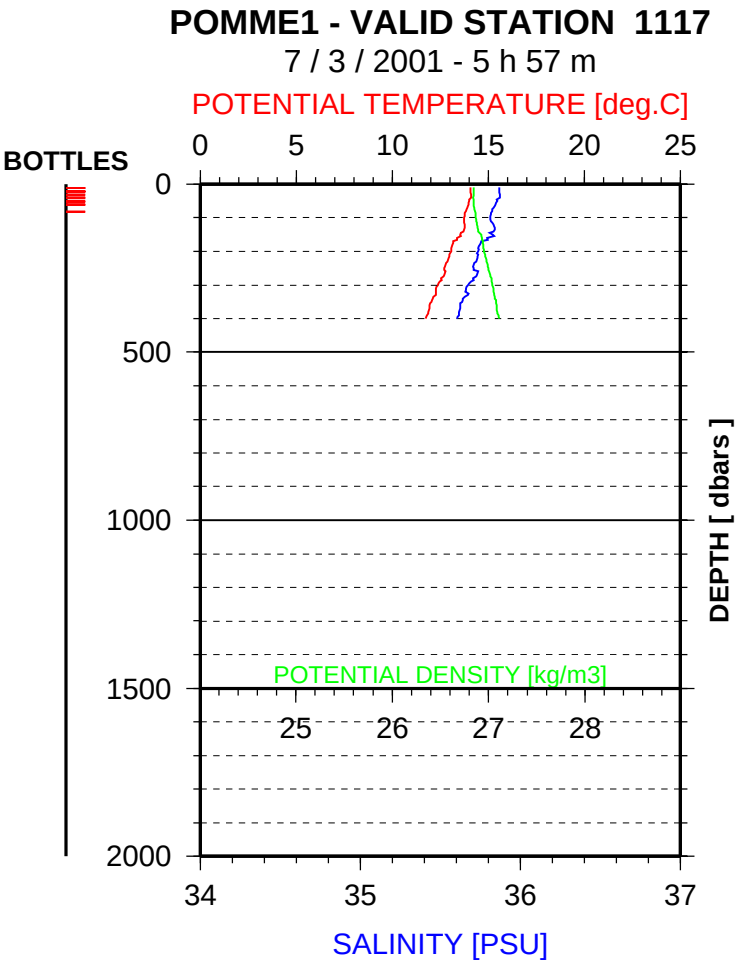

POMME3 - VALID STATION 1112
6 / 3 / 2001 - 4 h 25 m
POTENTIAL TEMPERATURE [deg.C]
BOTTLES
POTENTIAL DENSITY [kg/m3]
SALINITY [PSU]

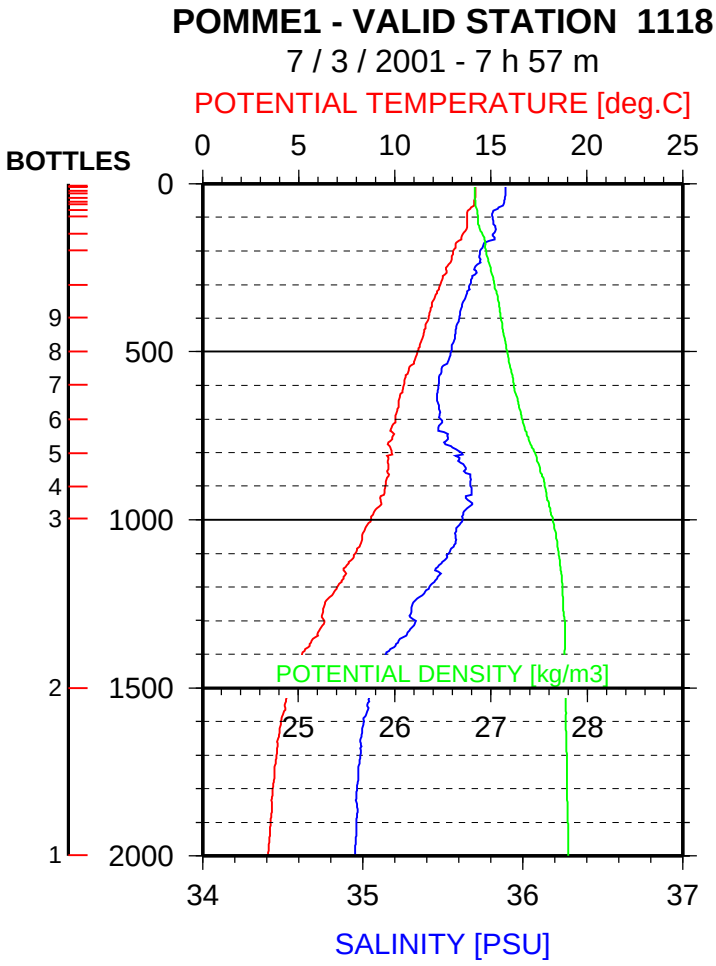

POMME3 - VALID STATION 1113
6 / 3 / 2001 - 7 h 32 m
POTENTIAL TEMPERATURE [deg.C]
BOTTLES
POTENTIAL DENSITY [kg/m3]
SALINITY [PSU]
DEPTH [dbars]

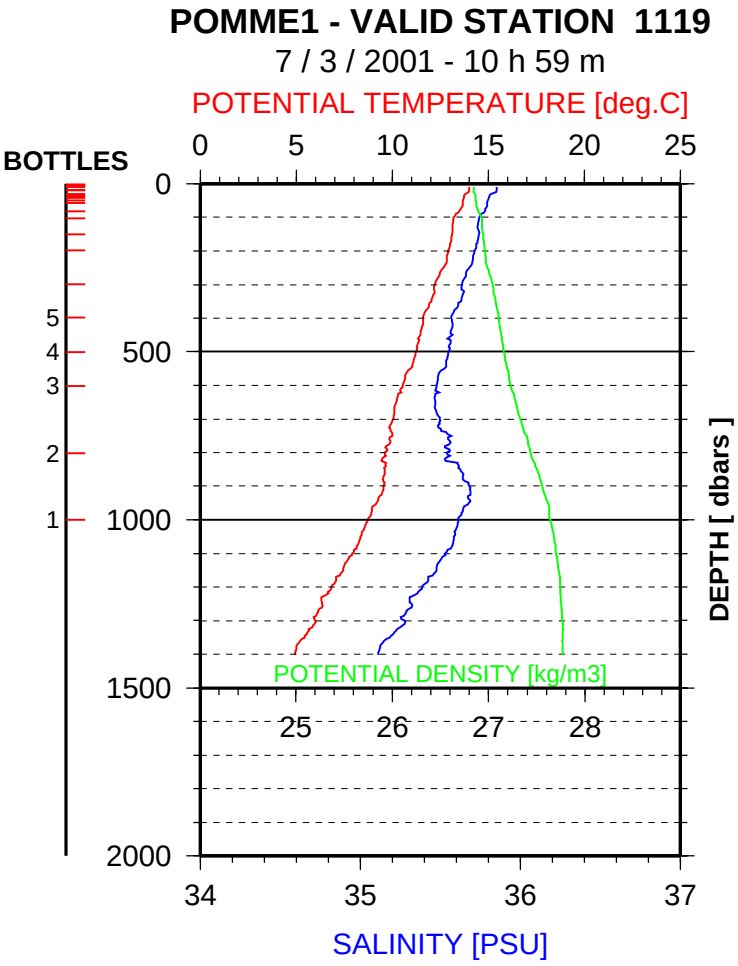

POMME3 - VALID STATION 1114
6 / 3 / 2001 - 11 h 19 m
POTENTIAL TEMPERATURE [deg.C]
BOTTLES
POTENTIAL DENSITY [kg/m3]
SALINITY [PSU]

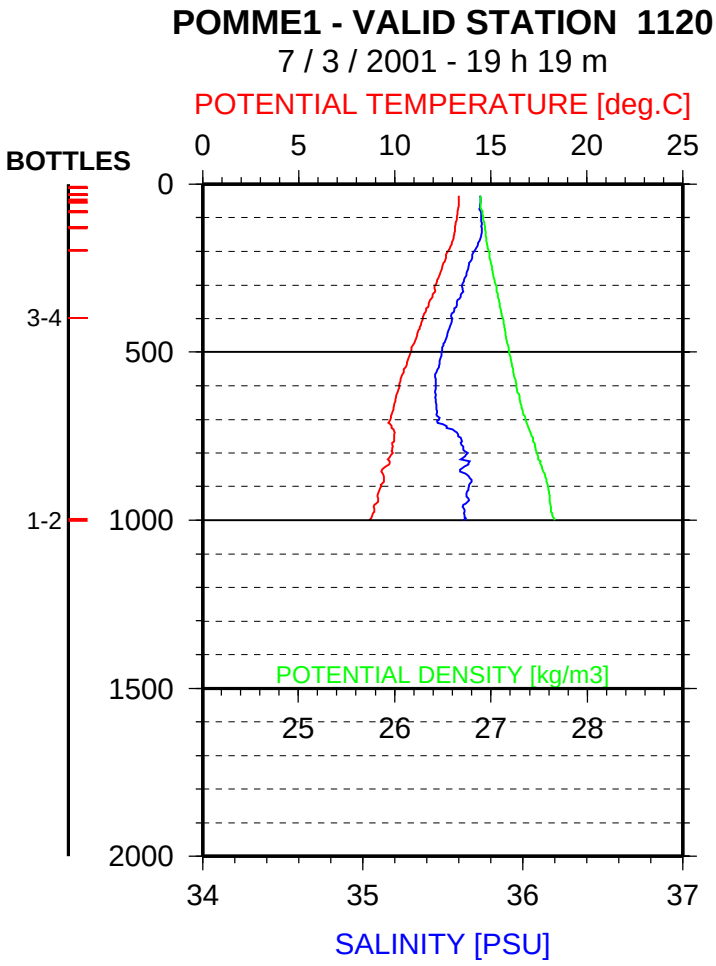

POMME3 - VALID STATION 1115
6 / 3 / 2001 - 18 h 55 m
POTENTIAL TEMPERATURE [deg.C]
BOTTLES
1-4
POTENTIAL DENSITY [kg/m3]
SALINITY [PSU]
DEPTH [dbars]

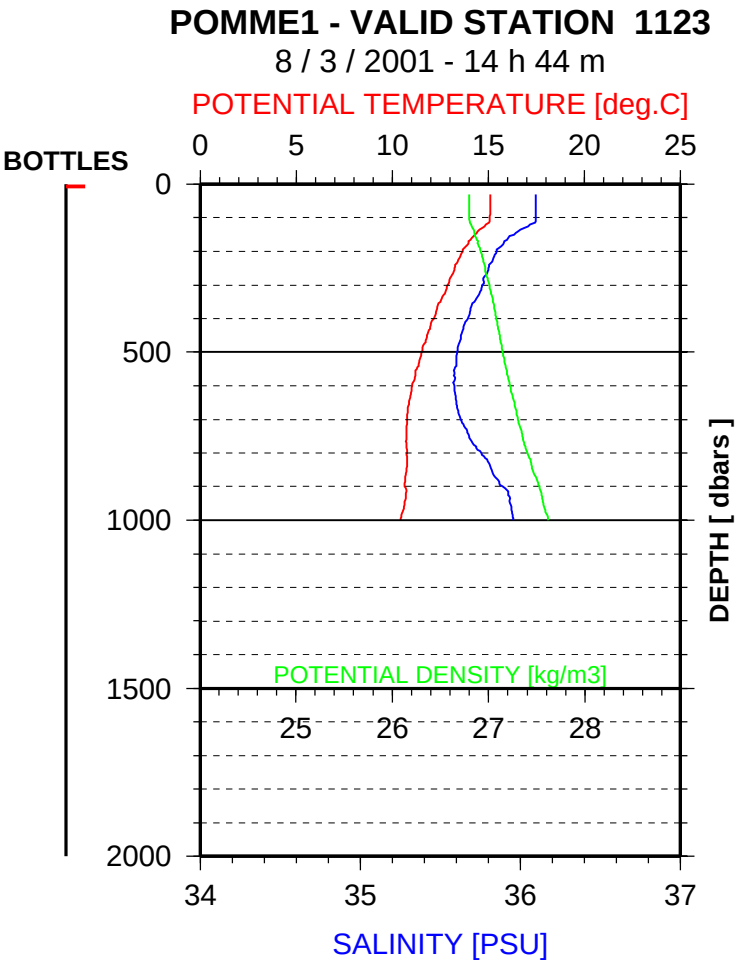

POMME1 - VALID STATION 1116
7 / 3 / 2001 - 4 h 38 m
POTENTIAL TEMPERATURE [deg.C]
BOTTLES
0 5 10 15 20 25
0
500
1000
1500
2000
POTENTIAL DENSITY [kg/m3]
25 26 27 28
34 35 36 37
SALINITY [PSU]

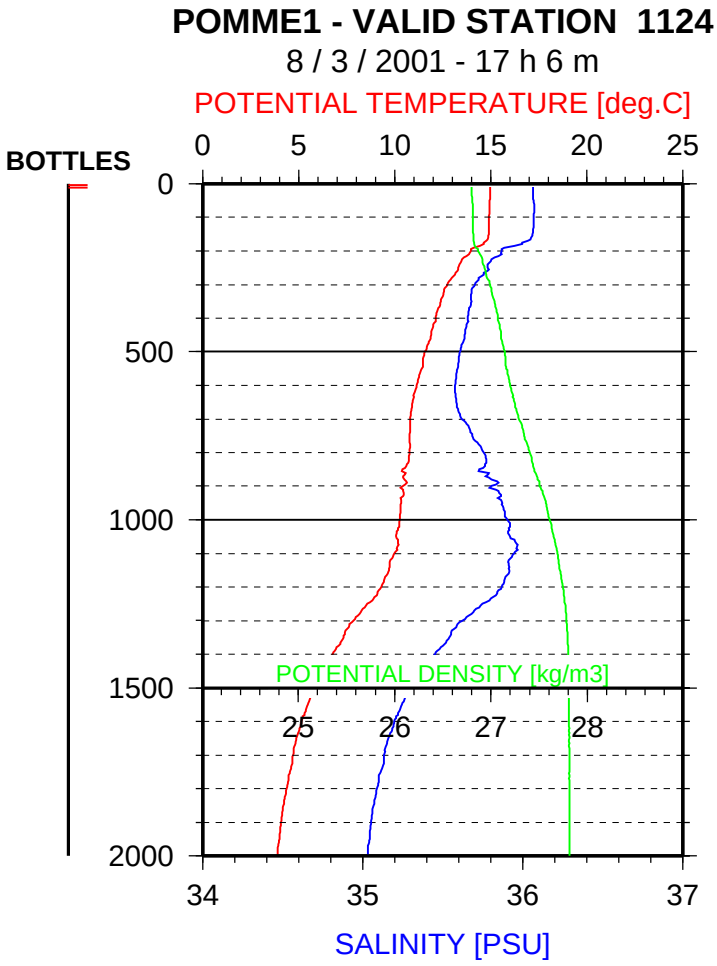

POMME1 - VALID STATION 1117
7 / 3 / 2001 - 5 h 57 m
POTENTIAL TEMPERATURE [deg.C]
BOTTLES
0 5 10 15 20 25
0
500
1000
1500
2000
POTENTIAL DENSITY [kg/m3]
25 26 27 28
34 35 36 37
SALINITY [PSU]
DEPTH [dbars]

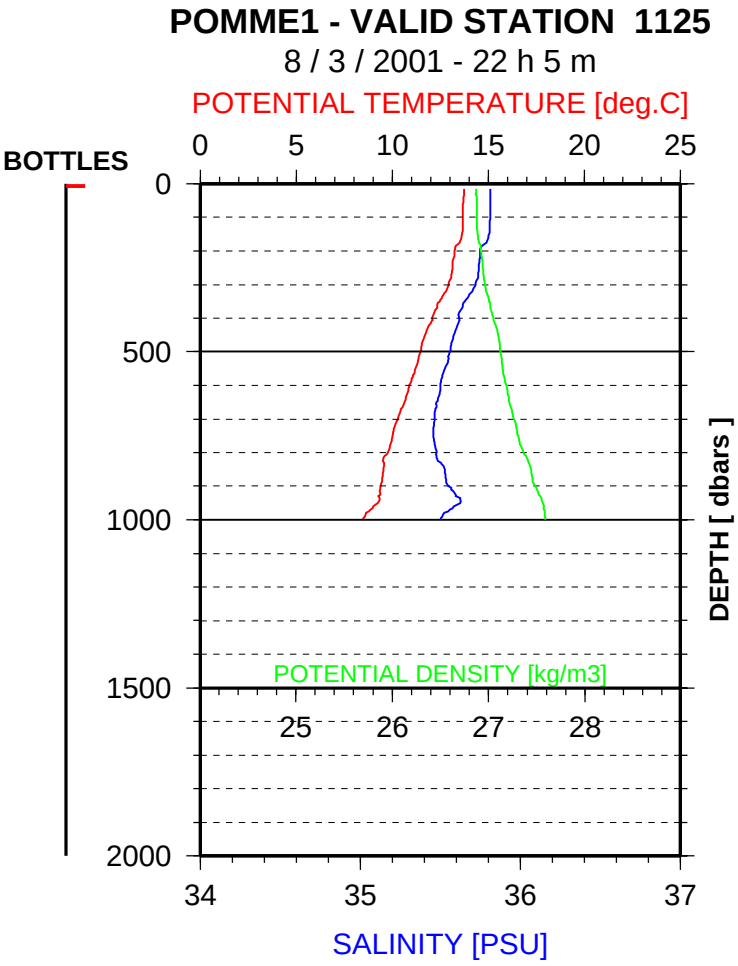

POMME1 - VALID STATION 1118
7 / 3 / 2001 - 7 h 57 m
POTENTIAL TEMPERATURE [deg.C]
BOTTLES
0 5 10 15 20 25
9
8
7
6
5
4
3
2
1
0
500
1000
1500
2000
POTENTIAL DENSITY [kg/m3]
25 26 27 28
34 35 36 37
SALINITY [PSU]

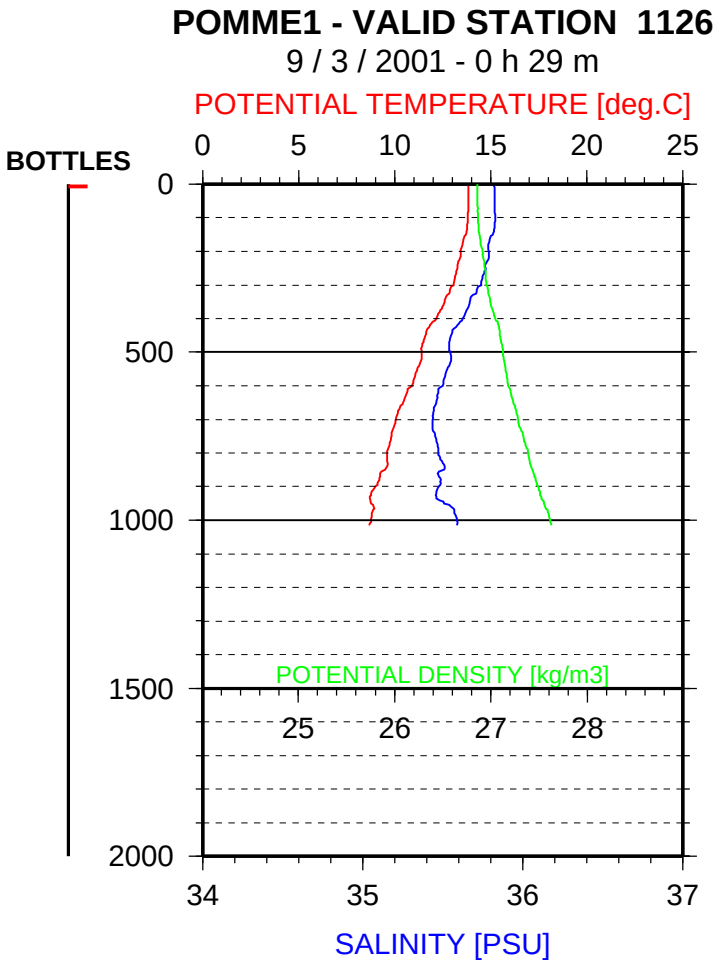

POMME1 - VALID STATION 1119
7 / 3 / 2001 - 10 h 59 m
POTENTIAL TEMPERATURE [deg.C]
BOTTLES
0 5 10 15 20 25
5
4
3
2
1
0
500
1000
1500
2000
POTENTIAL DENSITY [kg/m3]
25 26 27 28
34 35 36 37
SALINITY [PSU]
DEPTH [dbars]

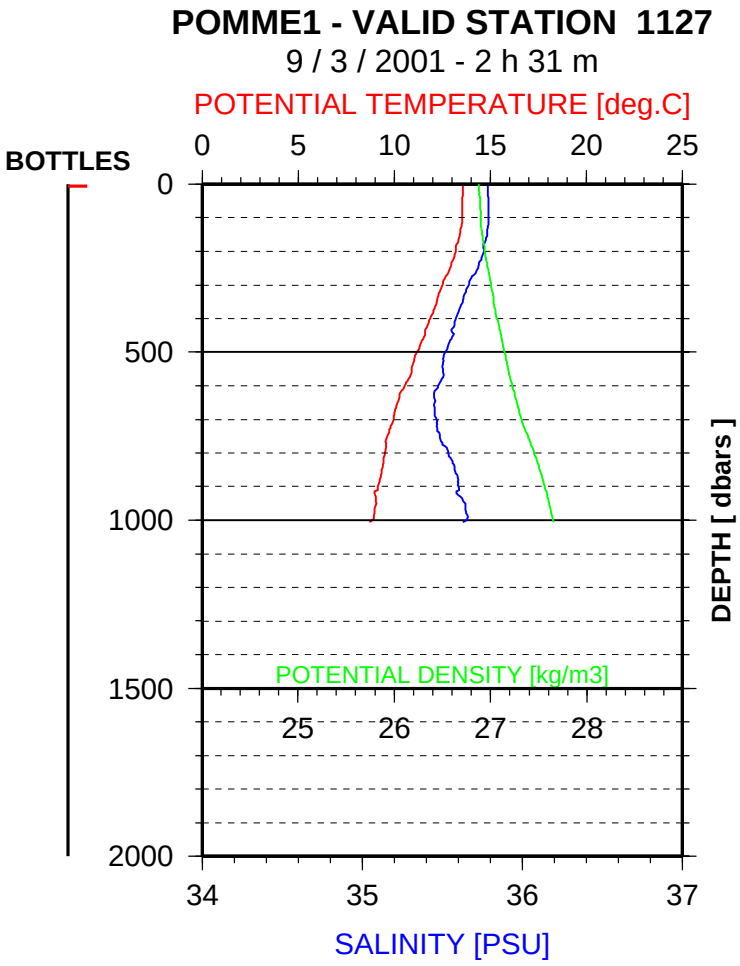

POMME1 - VALID STATION 1120
7 / 3 / 2001 - 19 h 19 m
POTENTIAL TEMPERATURE [deg.C]
BOTTLES
3-4
1-2
POTENTIAL DENSITY [kg/m3]
SALINITY [PSU]

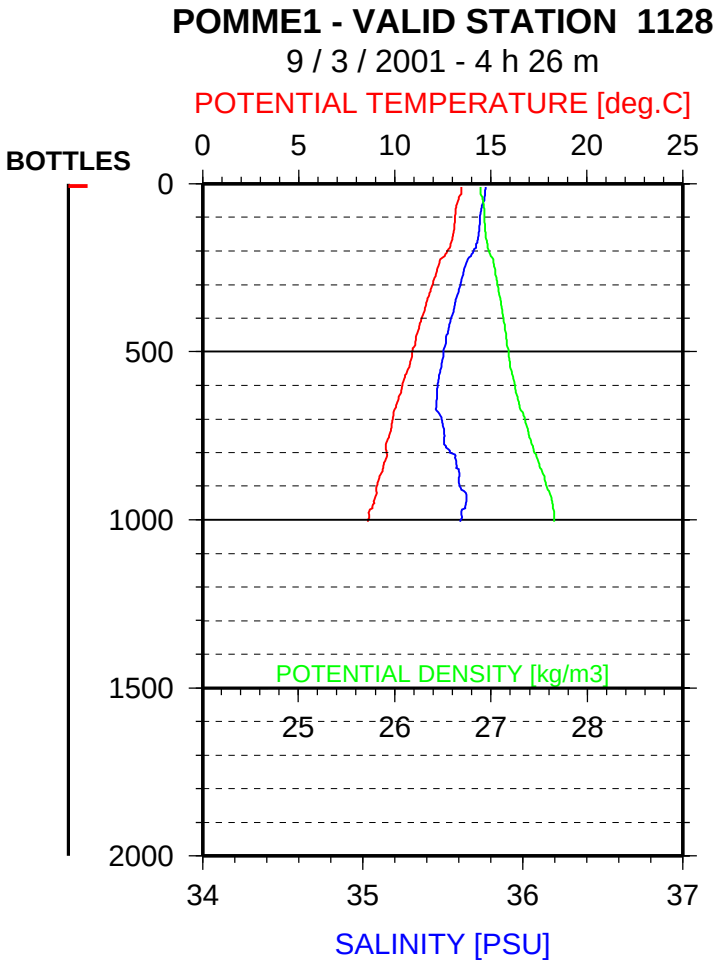

POMME1 - VALID STATION 1123
8 / 3 / 2001 - 14 h 44 m
POTENTIAL TEMPERATURE [deg.C]
BOTTLES
POTENTIAL DENSITY [kg/m3]
SALINITY [PSU]
DEPTH [dbars]

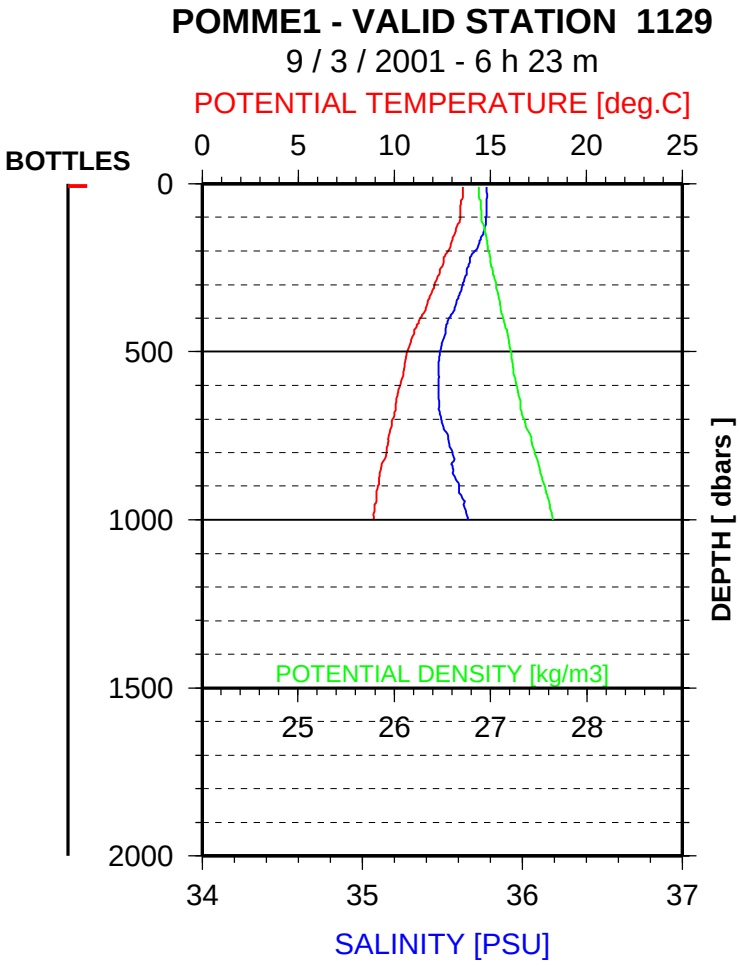

POMME1 - VALID STATION 1124
8 / 3 / 2001 - 17 h 6 m
POTENTIAL TEMPERATURE [deg.C]
BOTTLES
POTENTIAL DENSITY [kg/m3]
SALINITY [PSU]

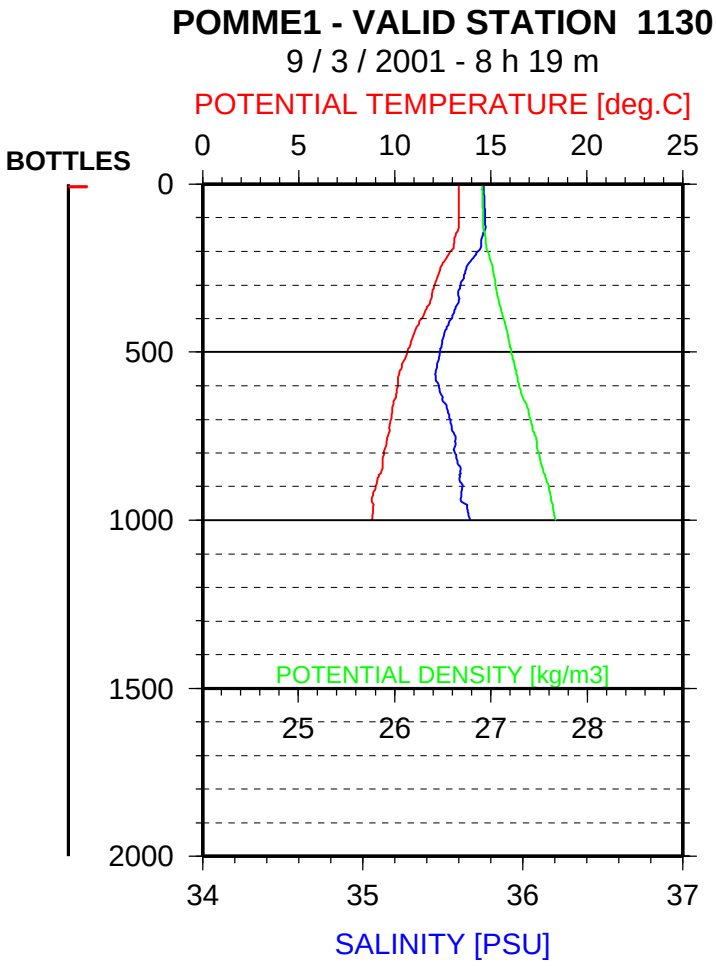

POMME1 - VALID STATION 1125
8 / 3 / 2001 - 22 h 5 m
POTENTIAL TEMPERATURE [deg.C]
BOTTLES
POTENTIAL DENSITY [kg/m3]
SALINITY [PSU]
DEPTH [dbars]

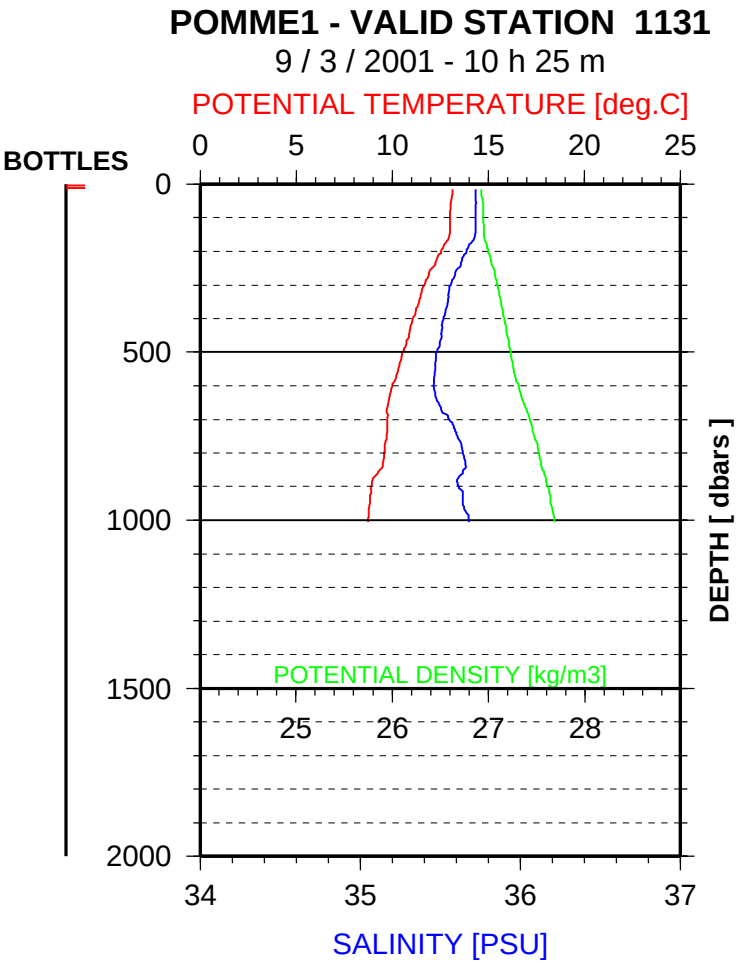

POMME1 - VALID STATION 1126
9 / 3 / 2001 - 0 h 29 m
POTENTIAL TEMPERATURE [deg.C]
BOTTLES
0 5 10 15 20 25
0
500
1000
1500
2000
POTENTIAL DENSITY [kg/m3]
25 26 27 28
34 35 36 37
SALINITY [PSU]

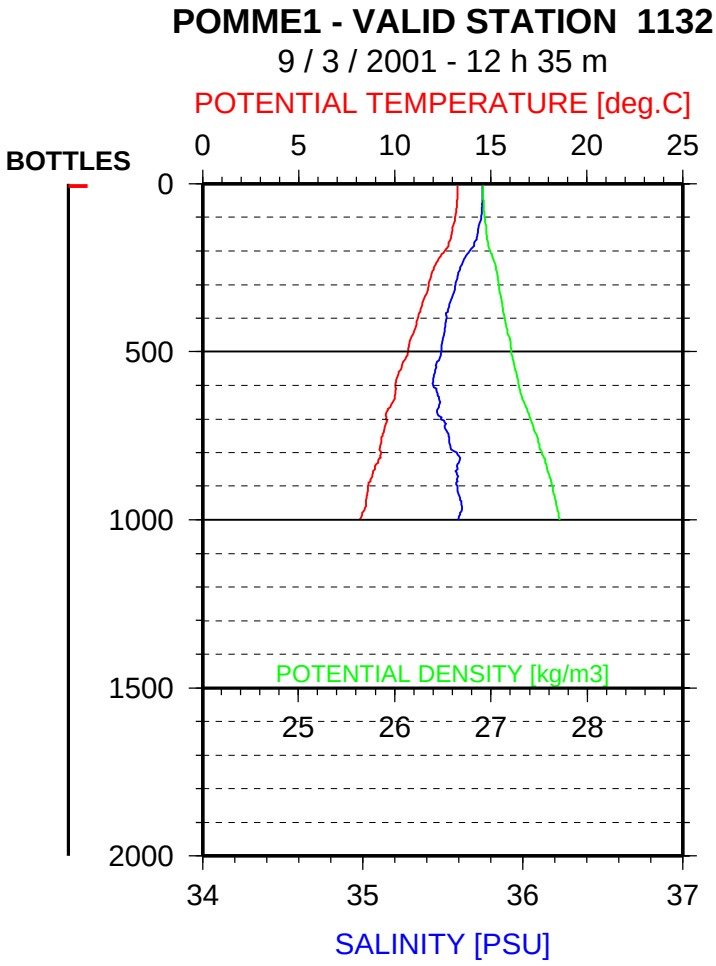

POMME1 - VALID STATION 1127
9 / 3 / 2001 - 2 h 31 m
POTENTIAL TEMPERATURE [deg.C]
BOTTLES
0 5 10 15 20 25
0
500
1000
1500
2000
POTENTIAL DENSITY [kg/m3]
25 26 27 28
34 35 36 37
SALINITY [PSU]
DEPTH [dbars]

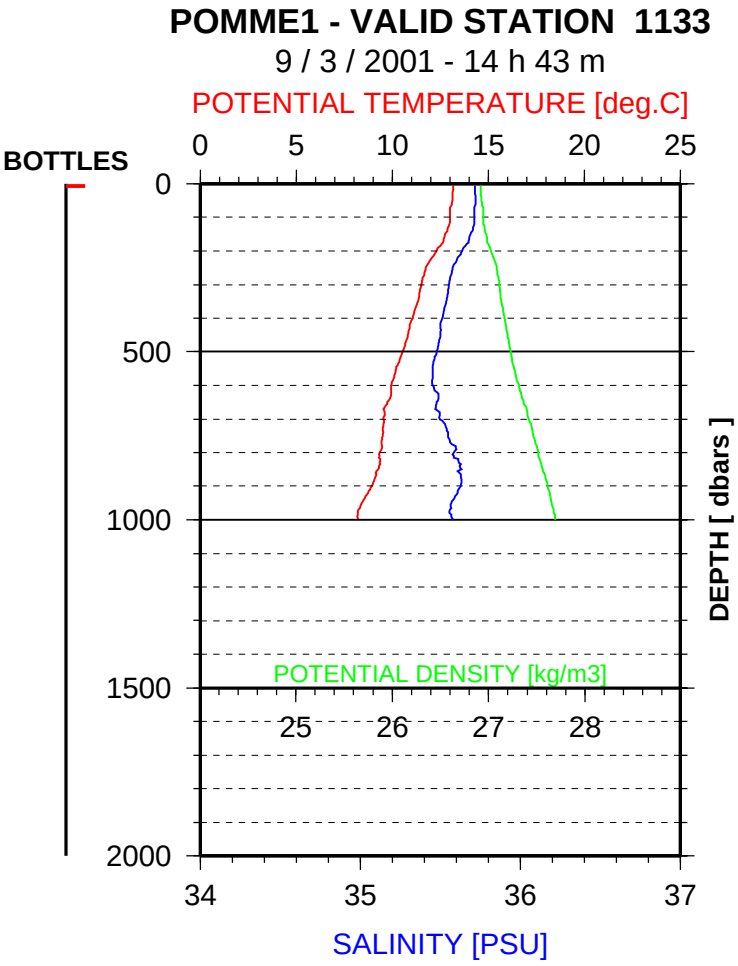

POMME1 - VALID STATION 1128
9 / 3 / 2001 - 4 h 26 m
POTENTIAL TEMPERATURE [deg.C]
BOTTLES
0 5 10 15 20 25
0
500
1000
1500
2000
POTENTIAL DENSITY [kg/m3]
25 26 27 28
34 35 36 37
SALINITY [PSU]

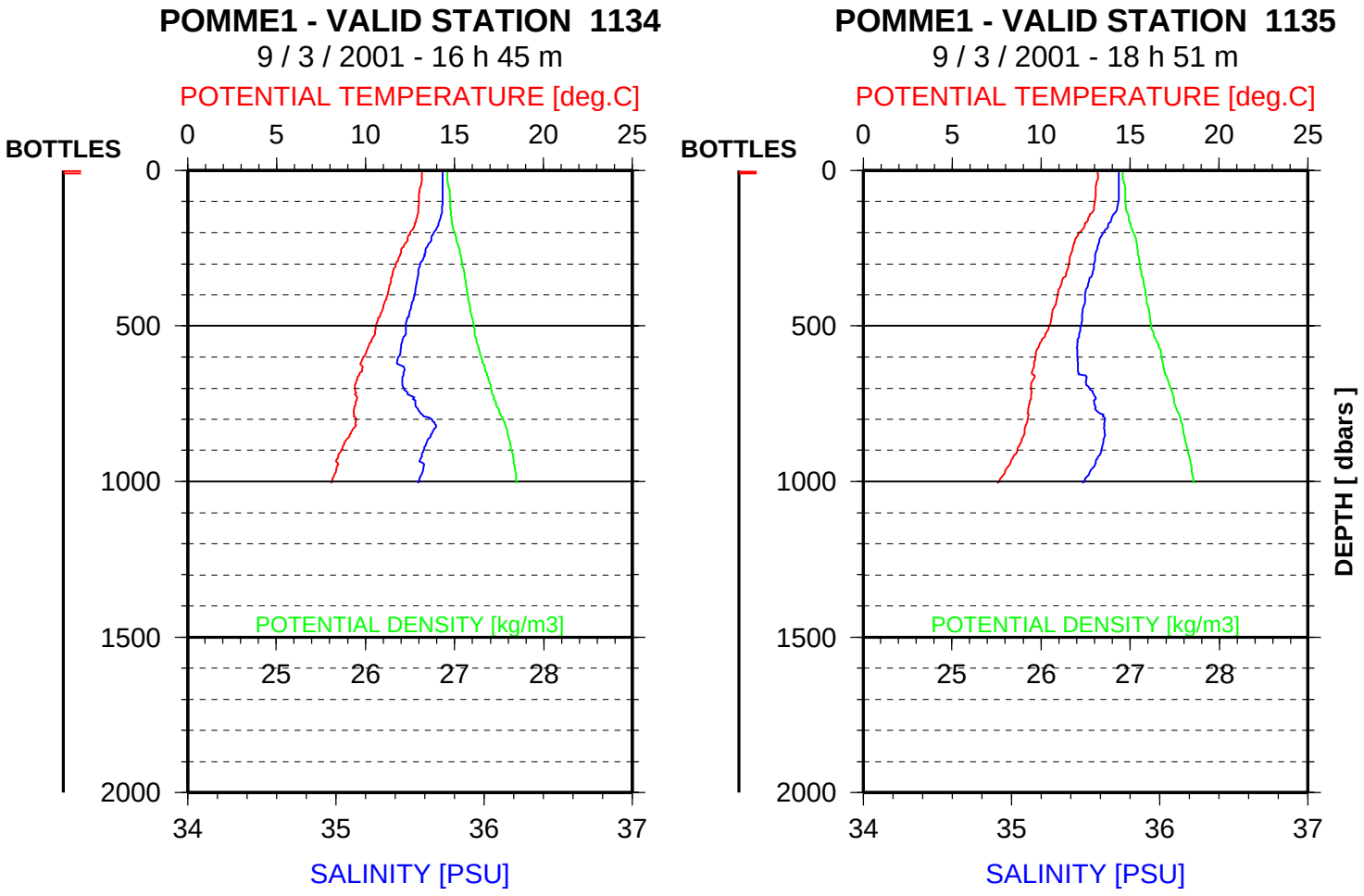

POMME1 - VALID STATION 1129
9 / 3 / 2001 - 6 h 23 m
POTENTIAL TEMPERATURE [deg.C]
BOTTLES
0 5 10 15 20 25
0
500
1000
1500
2000
POTENTIAL DENSITY [kg/m3]
25 26 27 28
34 35 36 37
SALINITY [PSU]
DEPTH [dbars]

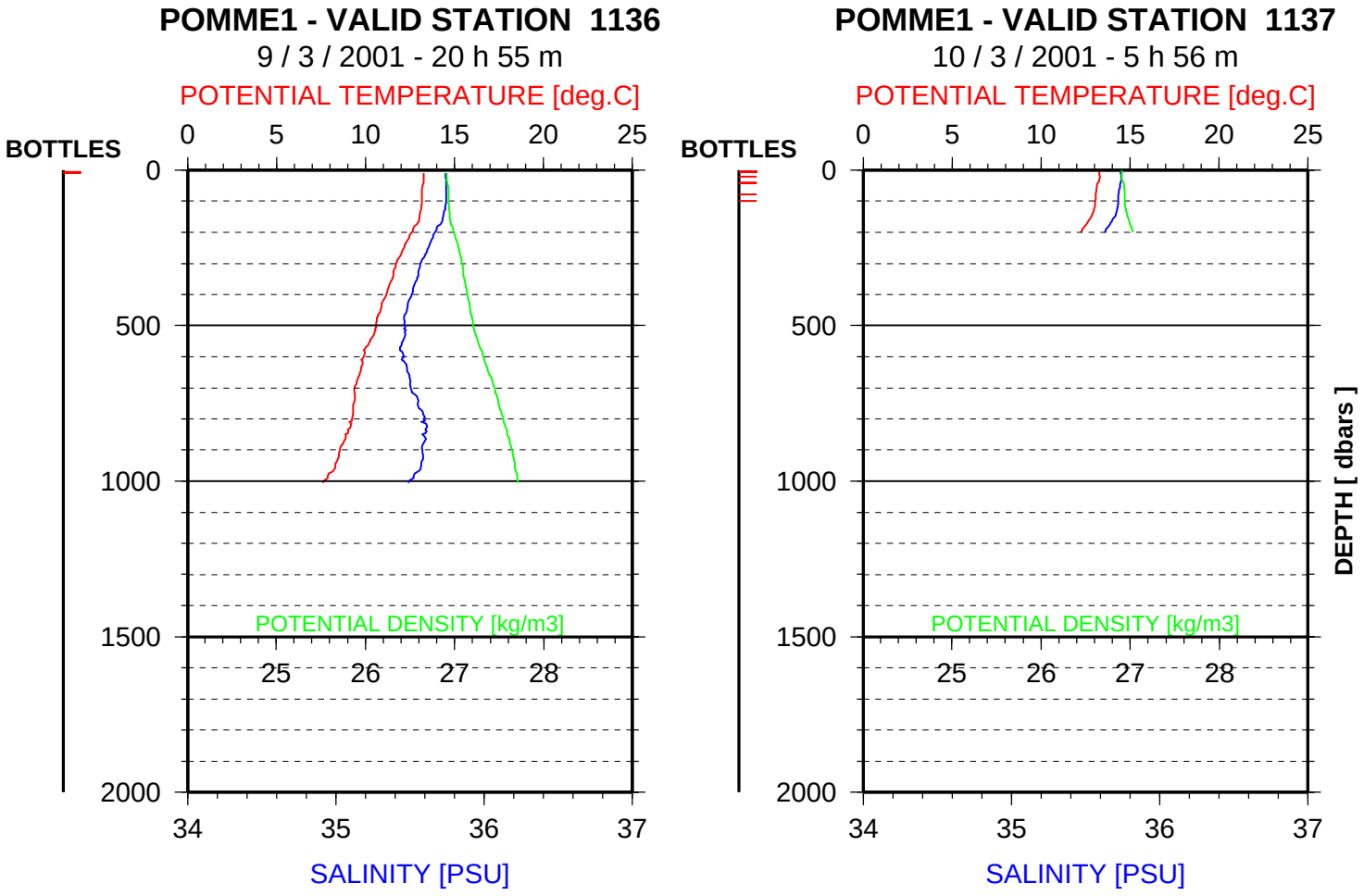

POMME1 - VALID STATION 1130
9 / 3 / 2001 - 8 h 19 m
POTENTIAL TEMPERATURE [deg.C]
BOTTLES
0 5 10 15 20 25
0
500
1000
1500
2000
POTENTIAL DENSITY [kg/m3]
25 26 27 28
34 35 36 37
SALINITY [PSU]

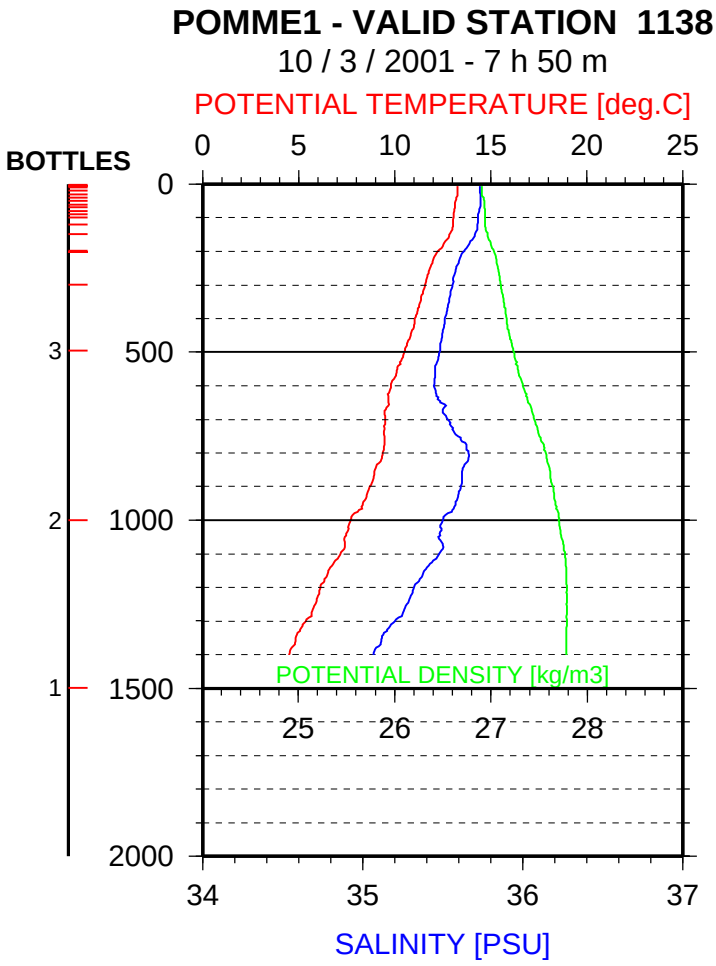

POMME1 - VALID STATION 1131
9 / 3 / 2001 - 10 h 25 m
POTENTIAL TEMPERATURE [deg.C]
BOTTLES
0 5 10 15 20 25
0
500
1000
1500
2000
POTENTIAL DENSITY [kg/m3]
25 26 27 28
34 35 36 37
SALINITY [PSU]
DEPTH [dbars]

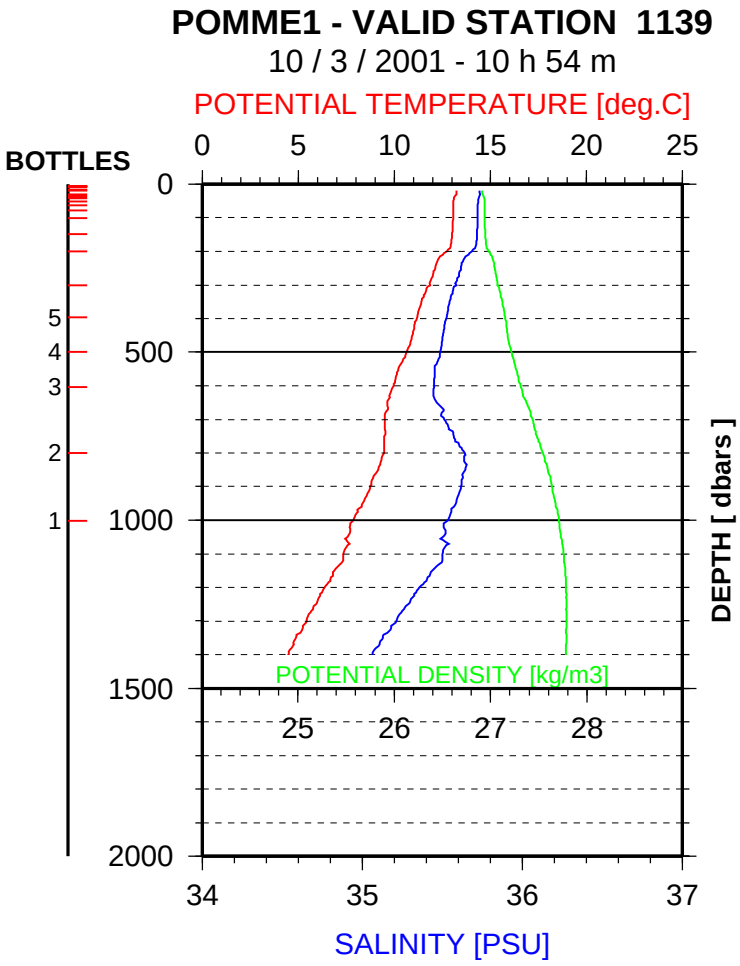

POMME1 - VALID STATION 1132
9 / 3 / 2001 - 12 h 35 m
POTENTIAL TEMPERATURE [deg.C]
BOTTLES
0 5 10 15 20 25
0
500
1000
1500
2000
POTENTIAL DENSITY [kg/m3]
25 26 27 28
34 35 36 37
SALINITY [PSU]

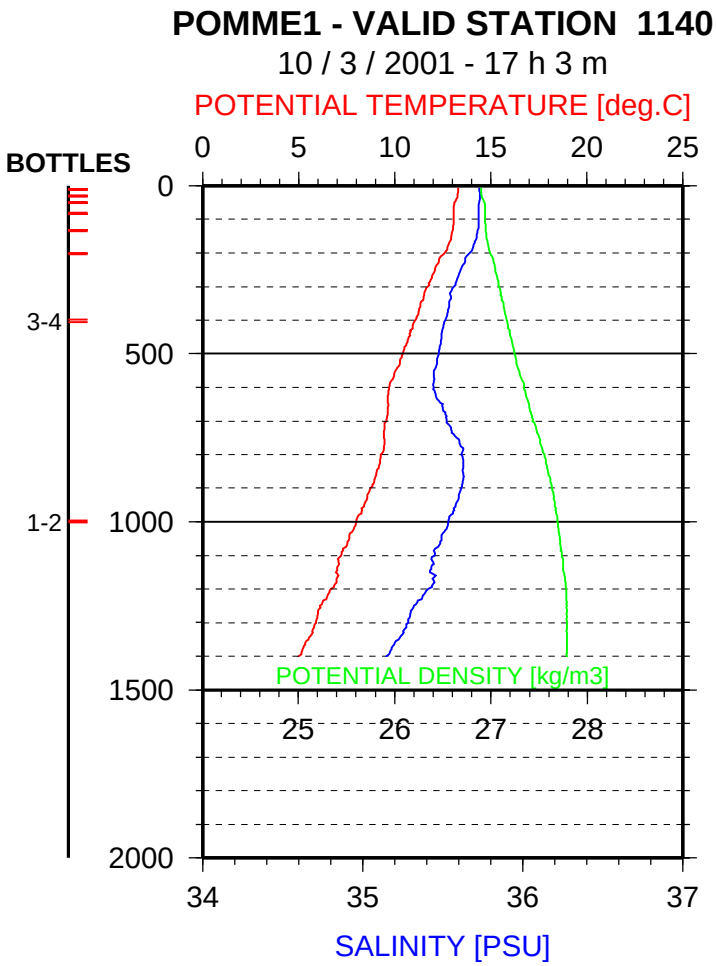

POMME1 - VALID STATION 1133
9 / 3 / 2001 - 14 h 43 m
POTENTIAL TEMPERATURE [deg.C]
BOTTLES
0 5 10 15 20 25
0
500
1000
1500
2000
POTENTIAL DENSITY [kg/m3]
25 26 27 28
34 35 36 37
SALINITY [PSU]
DEPTH [dbars]

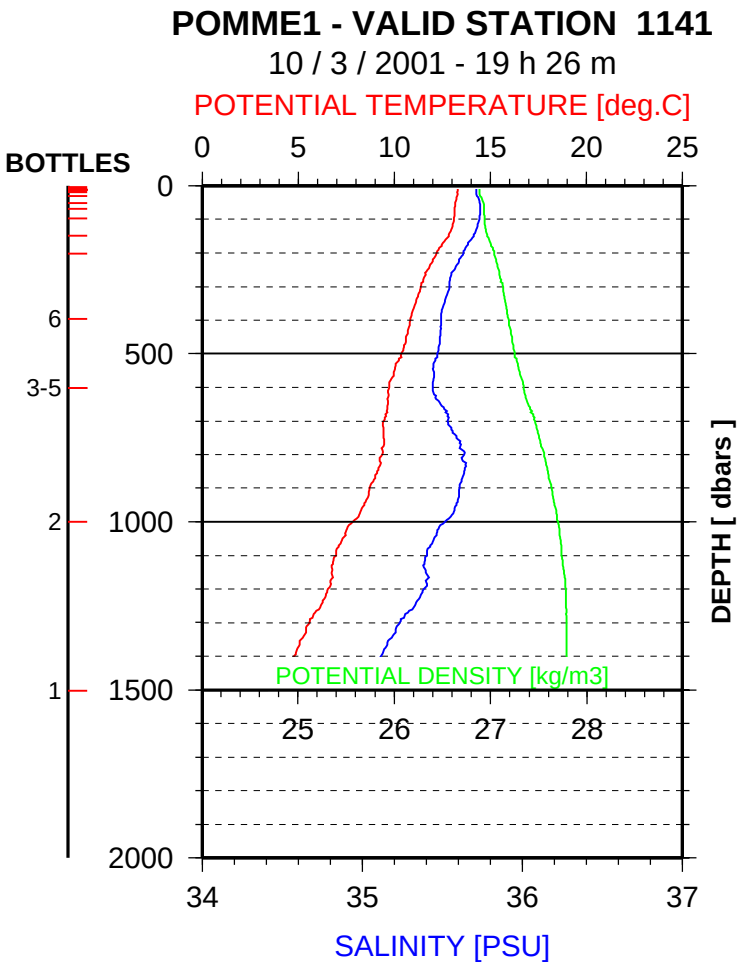

POMME1 - VALID STATION 1134
9 / 3 / 2001 - 16 h 45 m
POTENTIAL TEMPERATURE [deg.C]
BOTTLES
0 5 10 15 20 25
0
500
1000
1500
2000
POTENTIAL DENSITY [kg/m3]
25 26 27 28
34 35 36 37
SALINITY [PSU]
POMME1 - VALID STATION 1135
9 / 3 / 2001 - 18 h 51 m
POTENTIAL TEMPERATURE [deg.C]
BOTTLES
DEPTH [dbars]


POMME1 - VALID STATION 1136
9 / 3 / 2001 - 20 h 55 m
POTENTIAL TEMPERATURE [deg.C]
BOTTLES
SALINITY [PSU]
POMME1 - VALID STATION 1137
10 / 3 / 2001 - 5 h 56 m
POTENTIAL TEMPERATURE [deg.C]
BOTTLES
DEPTH [dbars]


POMME1 - VALID STATION 1138
10 / 3 / 2001 - 7 h 50 m
POTENTIAL TEMPERATURE [deg.C]
BOTTLES
POTENTIAL DENSITY [kg/m3]
SALINITY [PSU]

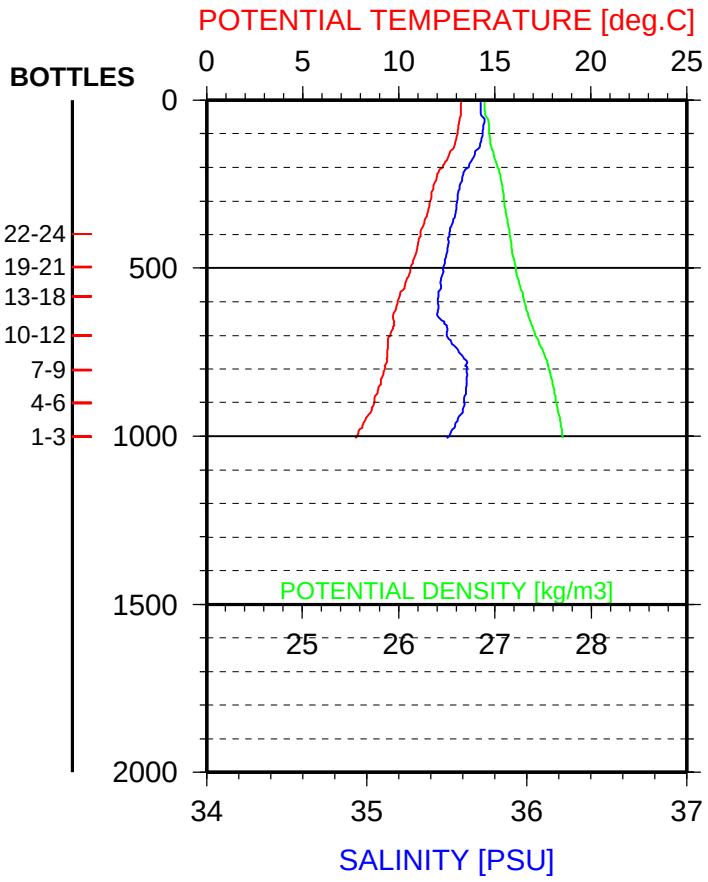

POMME1 - VALID STATION 1139
10 / 3 / 2001 - 10 h 54 m
POTENTIAL TEMPERATURE [deg.C]
BOTTLES
POTENTIAL DENSITY [kg/m3]
SALINITY [PSU]
DEPTH [dbars]


POMME1 - VALID STATION 1140
10 / 3 / 2001 - 17 h 3 m
POTENTIAL TEMPERATURE [deg.C]
BOTTLES
POTENTIAL DENSITY [kg/m3]
SALINITY [PSU]


POMME1 - VALID STATION 1141
10 / 3 / 2001 - 19 h 26 m
POTENTIAL TEMPERATURE [deg.C]
BOTTLES
POTENTIAL DENSITY [kg/m3]
SALINITY [PSU]
DEPTH [dbars]

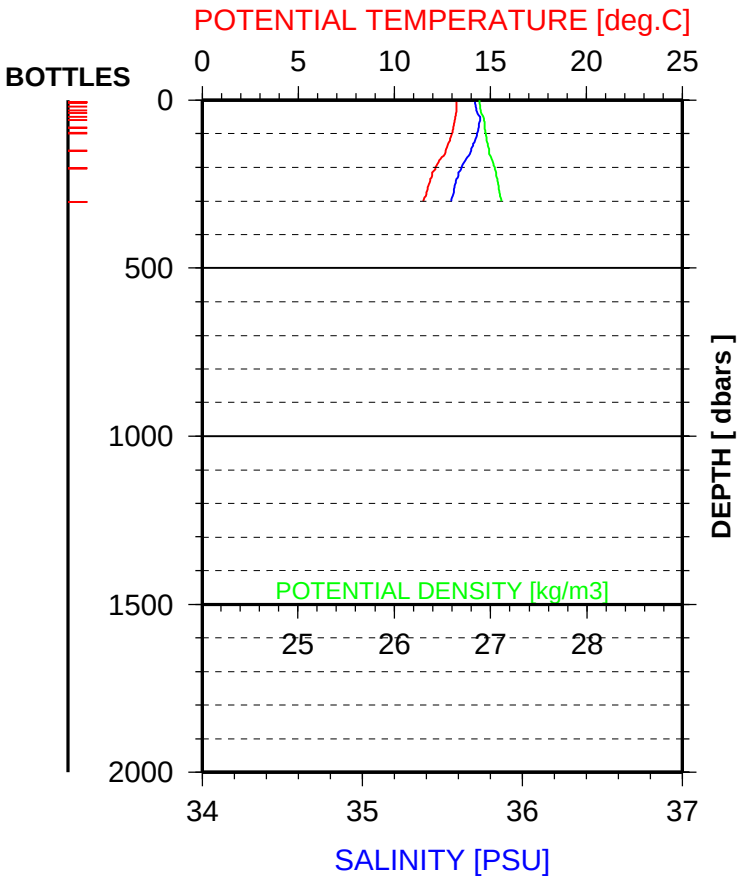
POMME1 - VALID STATION 1142

10 / 3 / 2001 - 22 h 50 m



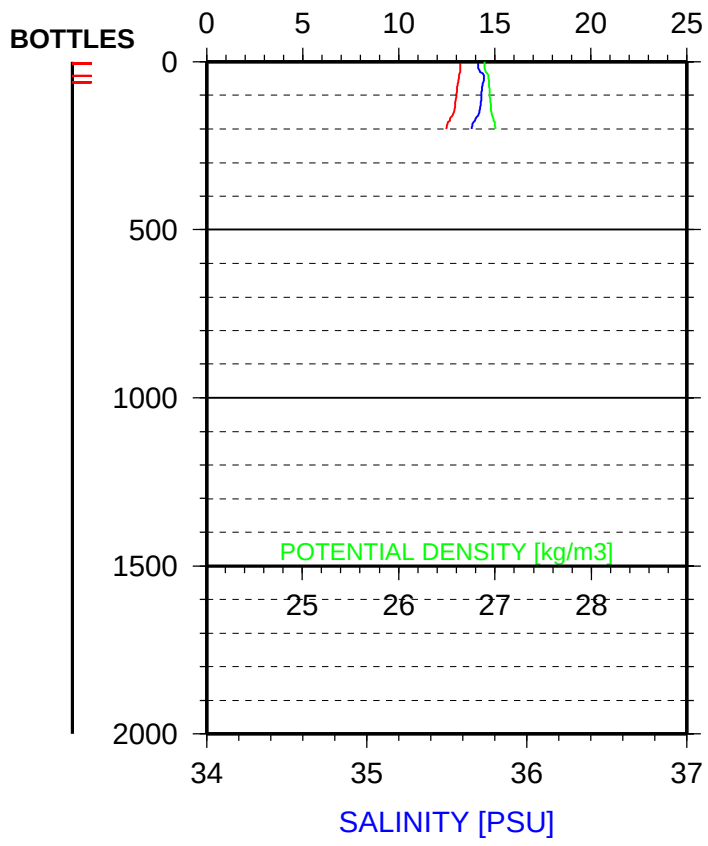
POMME1 - VALID STATION 1143

11 / 3 / 2001 - 0 h 30 m



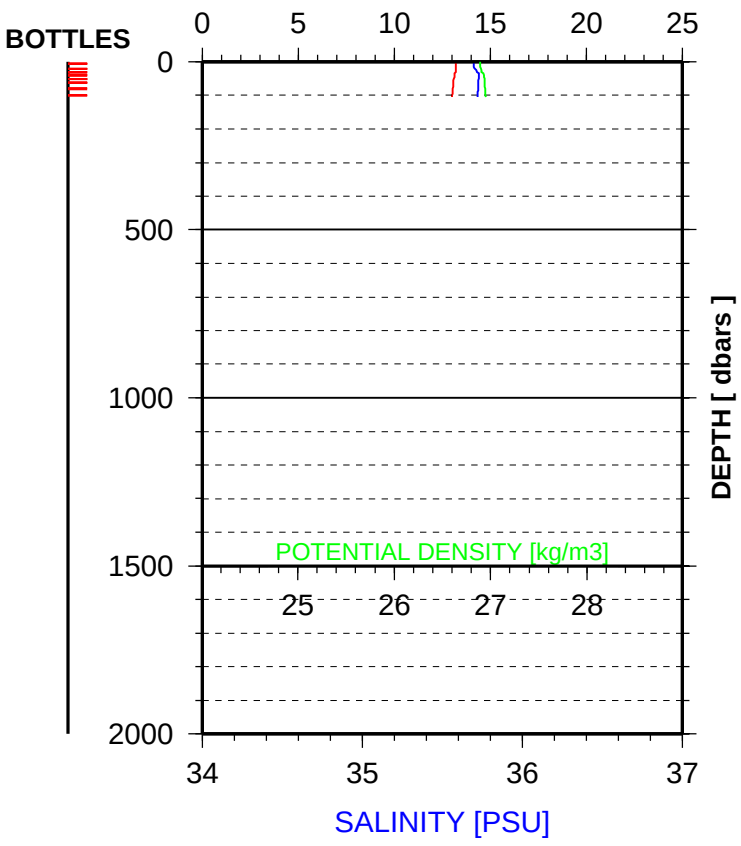
POMME1 - VALID STATION 1144

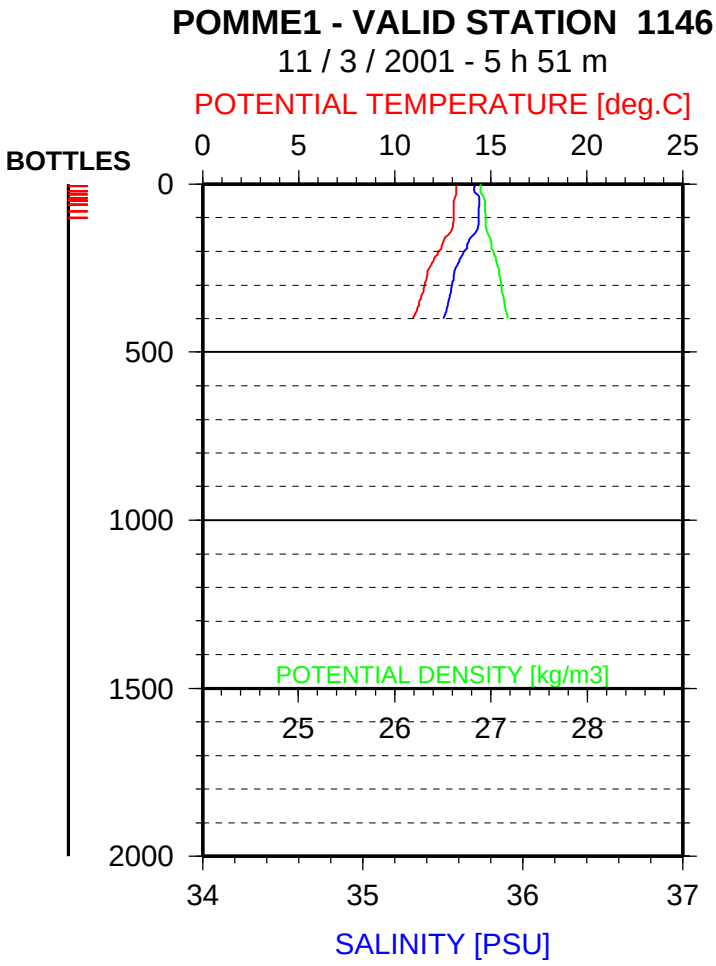
11 / 3 / 2001 - 3 h 41 m

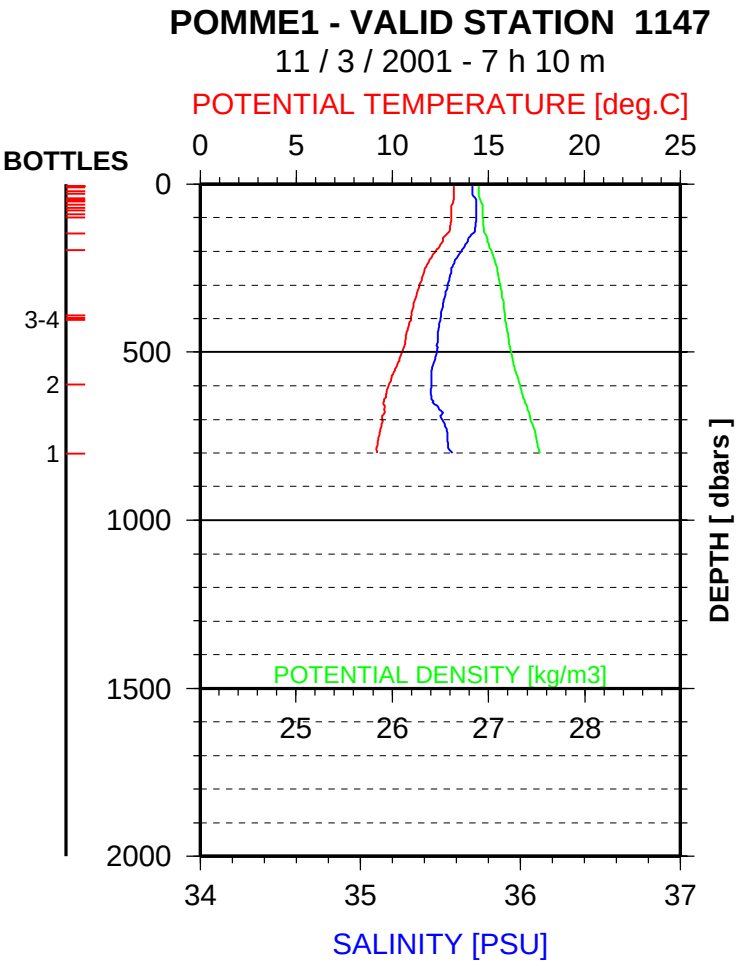


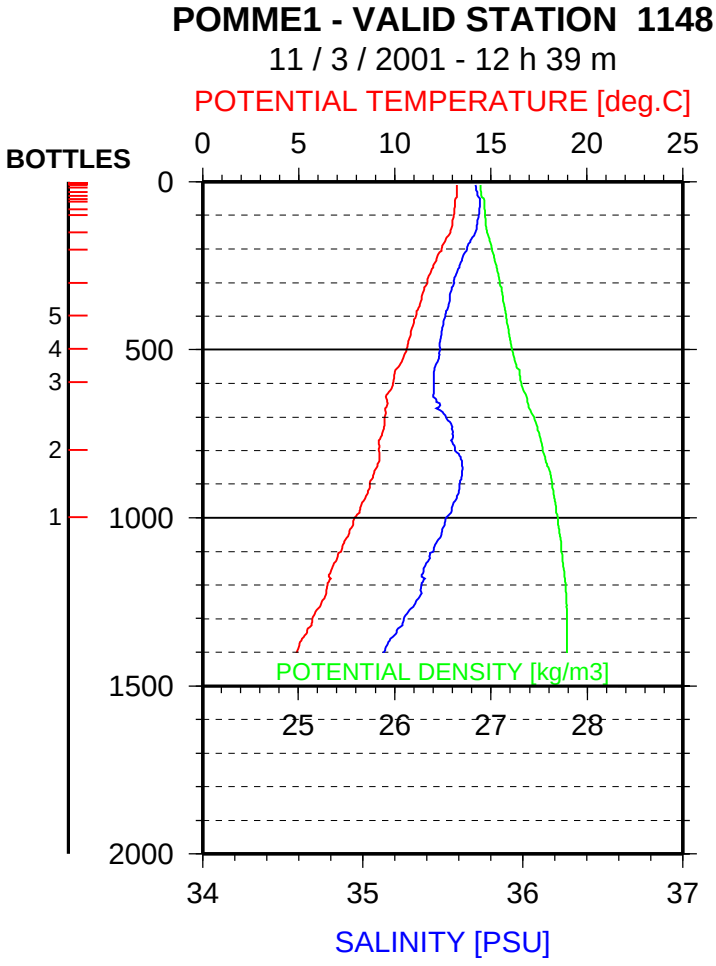
POMME1 - VALID STATION 1145

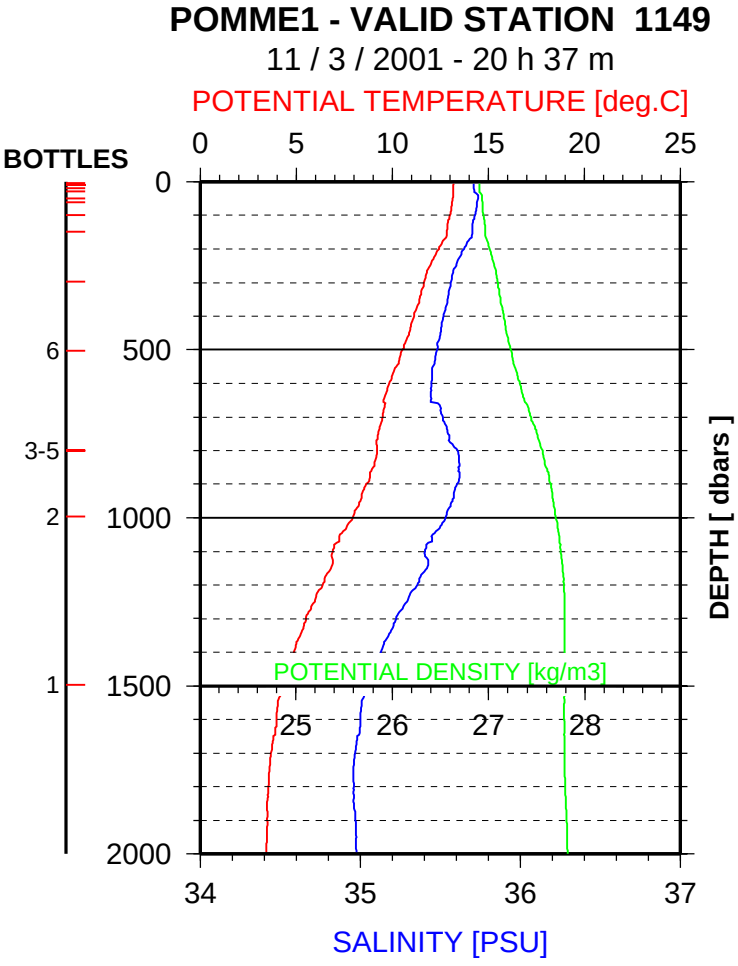
11 / 3 / 2001 - 4 h 31 m

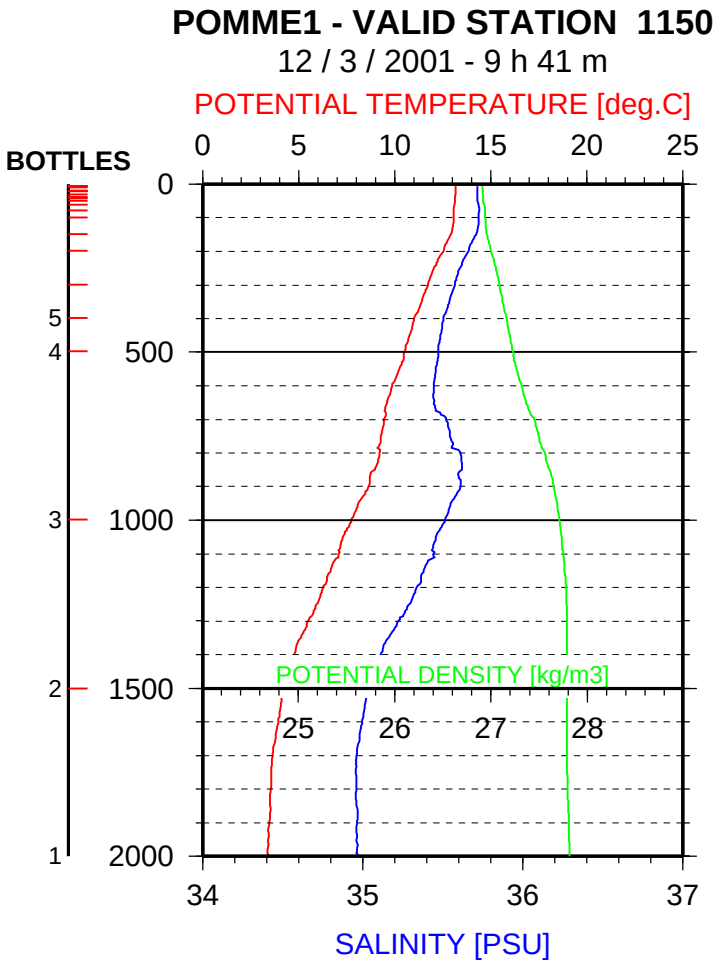


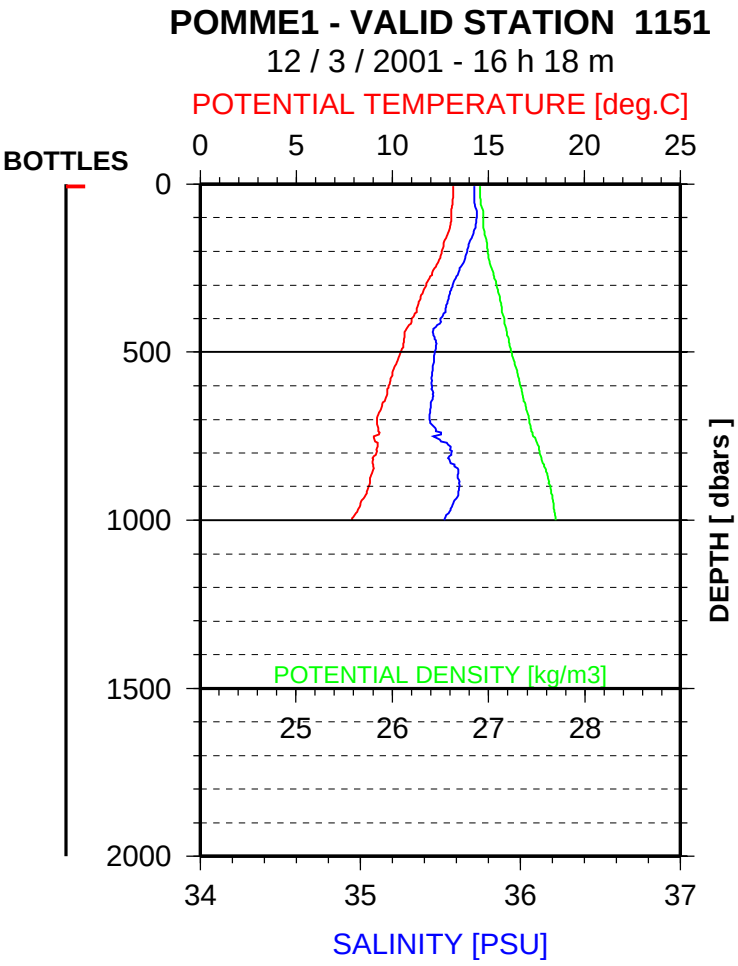

POMME1 - VALID STATION 1146
11 / 3 / 2001 - 5 h 51 m
POTENTIAL TEMPERATURE [deg.C]
BOTTLES
0 5 10 15 20 25
0
500
1000
1500
2000
POTENTIAL DENSITY [kg/m3]
25 26 27 28
34 35 36 37
SALINITY [PSU]

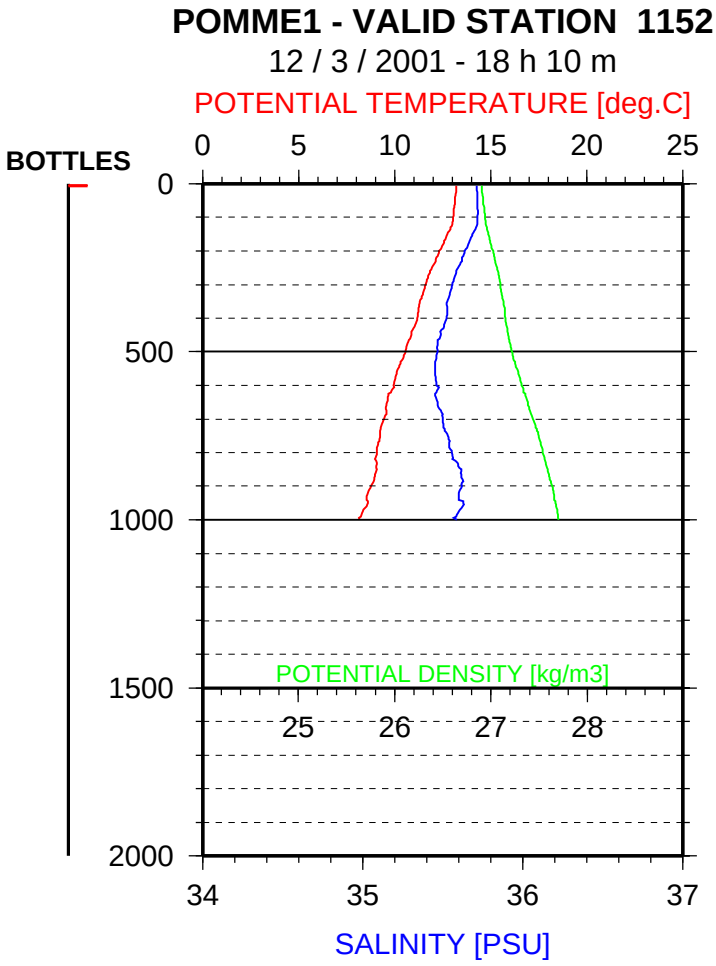

POMME1 - VALID STATION 1147
11 / 3 / 2001 - 7 h 10 m
POTENTIAL TEMPERATURE [deg.C]
BOTTLES
3-4
2
1
0 5 10 15 20 25
0
500
1000
1500
2000
POTENTIAL DENSITY [kg/m3]
25 26 27 28
34 35 36 37
SALINITY [PSU]
DEPTH [dbars]

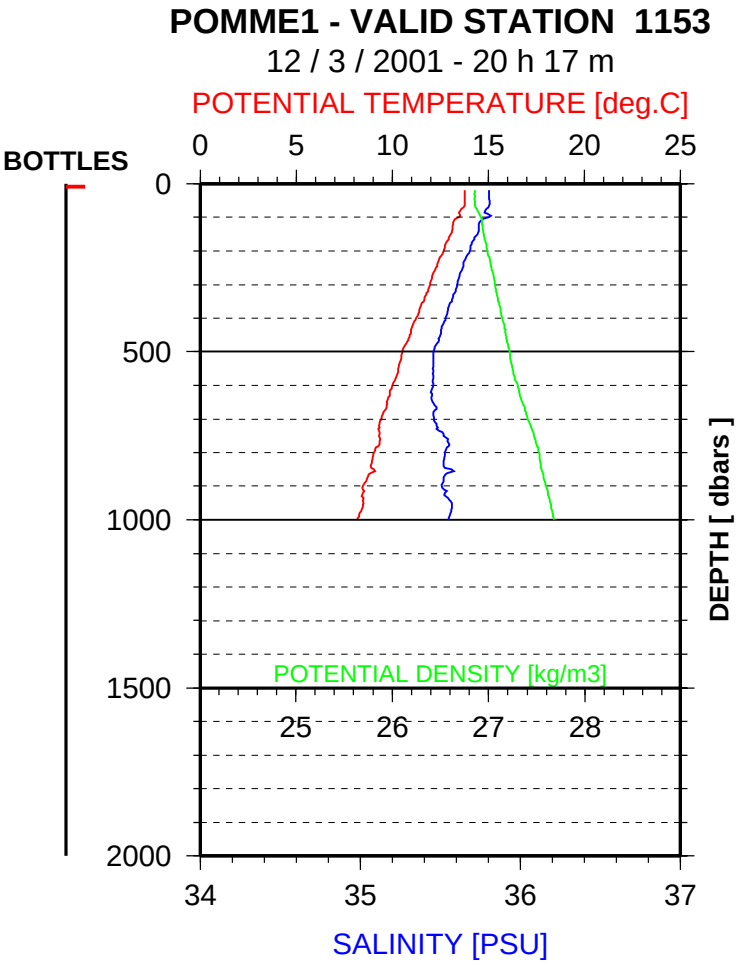

POMME1 - VALID STATION 1148
11 / 3 / 2001 - 12 h 39 m
POTENTIAL TEMPERATURE [deg.C]
BOTTLES
5
4
3
2
1
0 5 10 15 20 25
0
500
1000
1500
2000
POTENTIAL DENSITY [kg/m3]
25 26 27 28
34 35 36 37
SALINITY [PSU]


POMME1 - VALID STATION 1149
11 / 3 / 2001 - 20 h 37 m
POTENTIAL TEMPERATURE [deg.C]
BOTTLES
6
3-5
2
1
0 5 10 15 20 25
0
500
1000
1500
2000
POTENTIAL DENSITY [kg/m3]
25 26 27 28
34 35 36 37
SALINITY [PSU]
DEPTH [dbars]


POMME1 - VALID STATION 1150
12 / 3 / 2001 - 9 h 41 m
POTENTIAL TEMPERATURE [deg.C]
BOTTLES
0 5 10 15 20 25
0
500
1000
1500
2000
5
4
3
2
1
POTENTIAL DENSITY [kg/m3]
25 26 27 28
34 35 36 37
SALINITY [PSU]

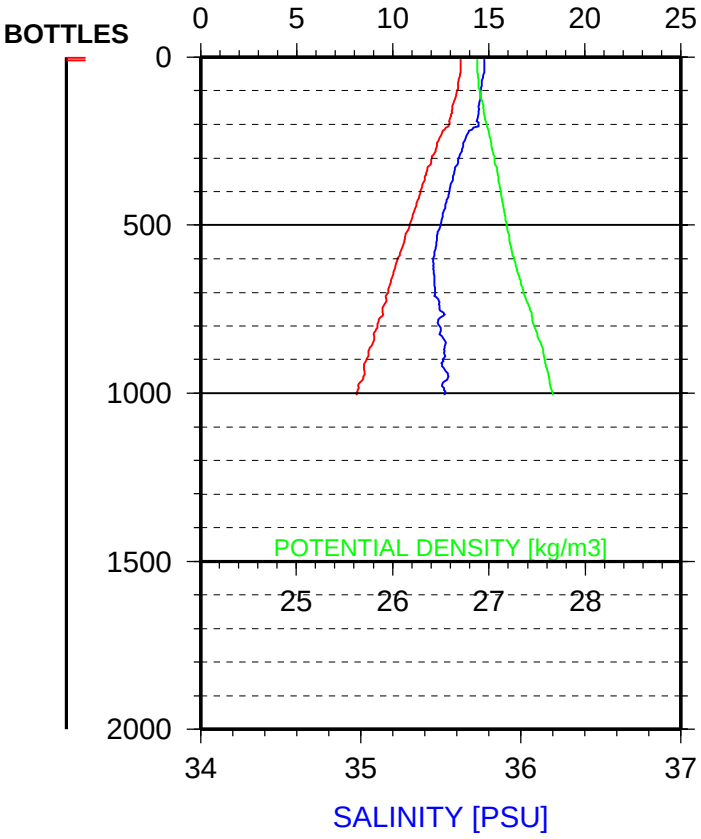

POMME1 - VALID STATION 1151
12 / 3 / 2001 - 16 h 18 m
POTENTIAL TEMPERATURE [deg.C]
BOTTLES
0 5 10 15 20 25
0
500
1000
1500
2000
DEPTH [dbars]
POTENTIAL DENSITY [kg/m3]
25 26 27 28
34 35 36 37
SALINITY [PSU]


POMME1 - VALID STATION 1152
12 / 3 / 2001 - 18 h 10 m
POTENTIAL TEMPERATURE [deg.C]
BOTTLES
0 5 10 15 20 25
0
500
1000
1500
2000
POTENTIAL DENSITY [kg/m3]
25 26 27 28
34 35 36 37
SALINITY [PSU]


POMME1 - VALID STATION 1153
12 / 3 / 2001 - 20 h 17 m
POTENTIAL TEMPERATURE [deg.C]
BOTTLES
0 5 10 15 20 25
0
500
1000
1500
2000
DEPTH [dbars]
POTENTIAL DENSITY [kg/m3]
25 26 27 28
34 35 36 37
SALINITY [PSU]

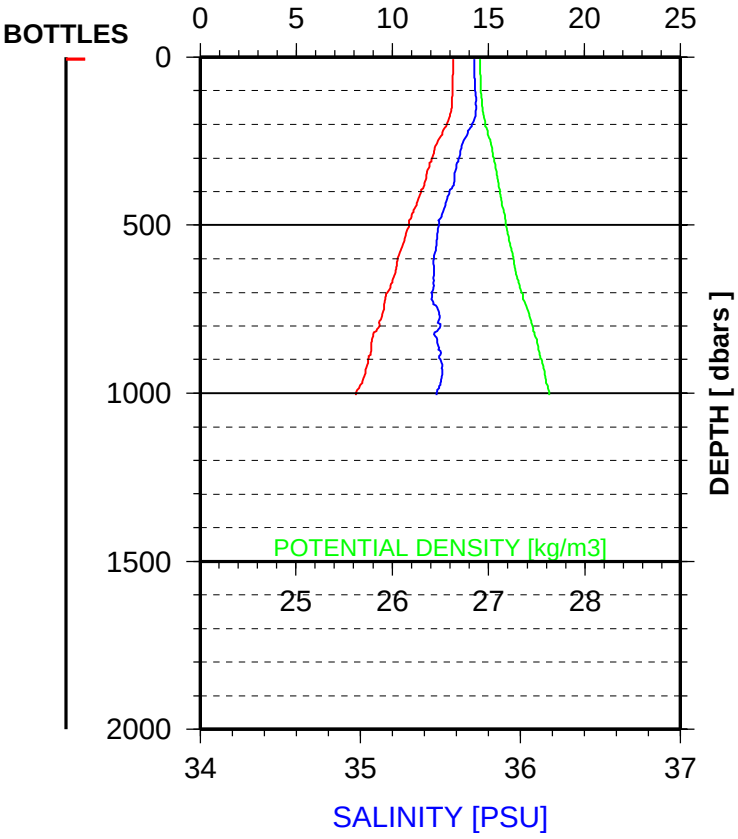
POMME1 - VALID STATION 1154

12 / 3 / 2001 - 22 h 34 m



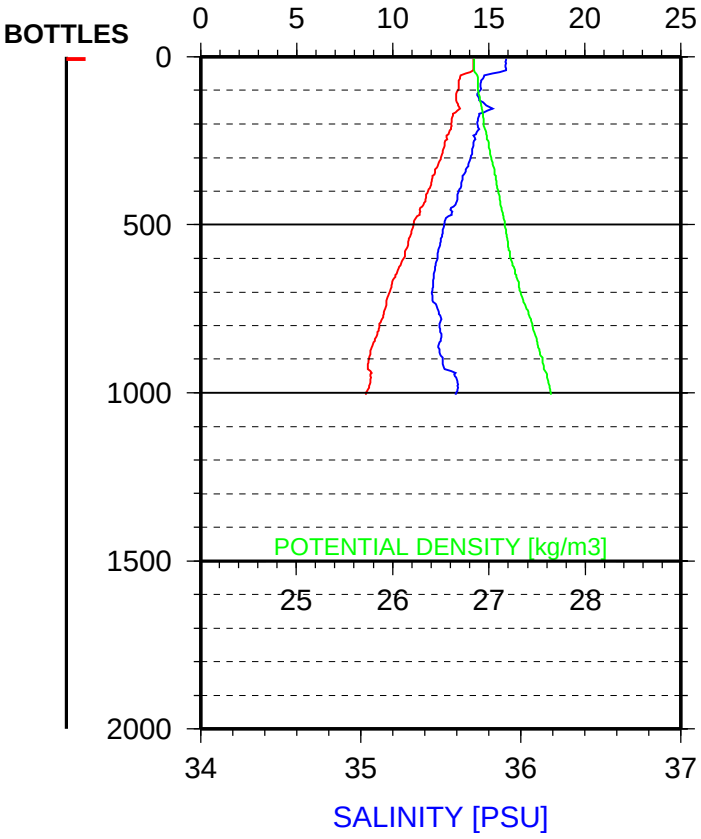
POMME1 - VALID STATION 1155

13 / 3 / 2001 - 0 h 32 m



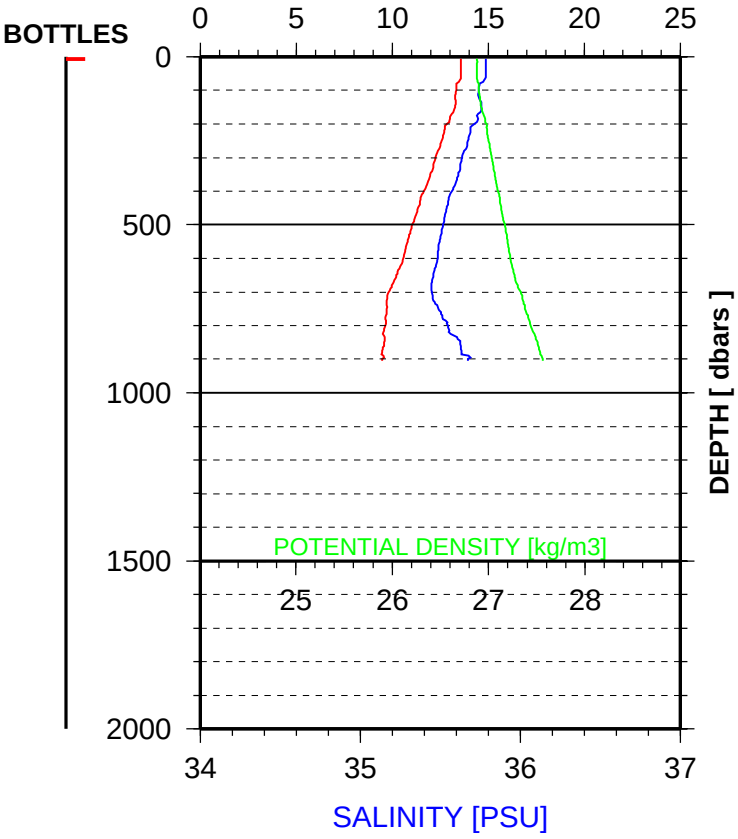
POMME1 - VALID STATION 1156

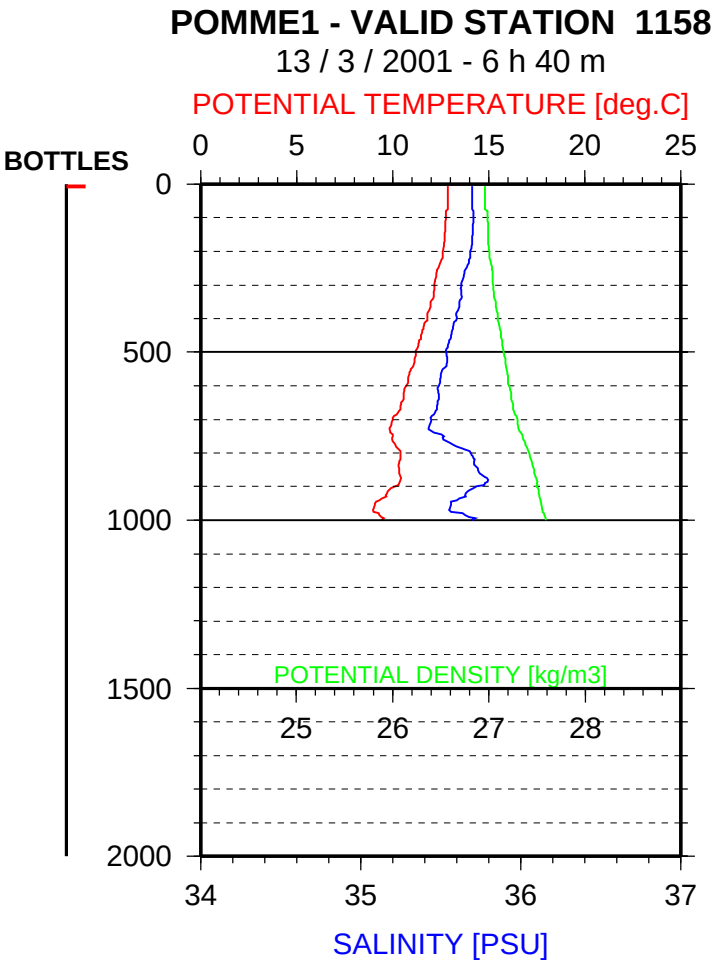
13 / 3 / 2001 - 2 h 38 m

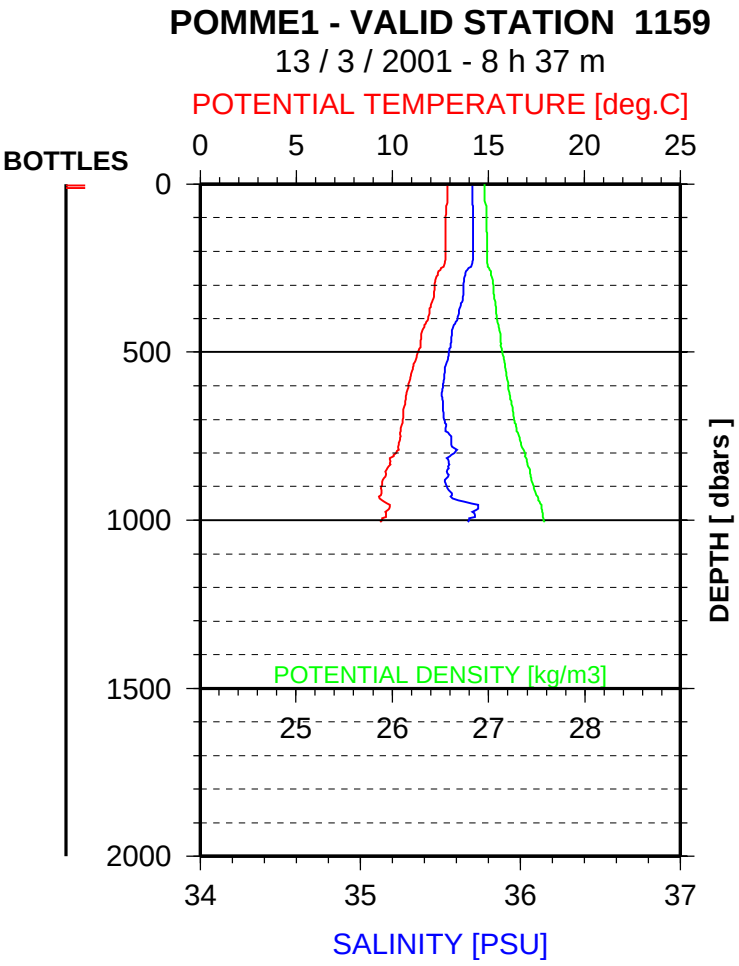


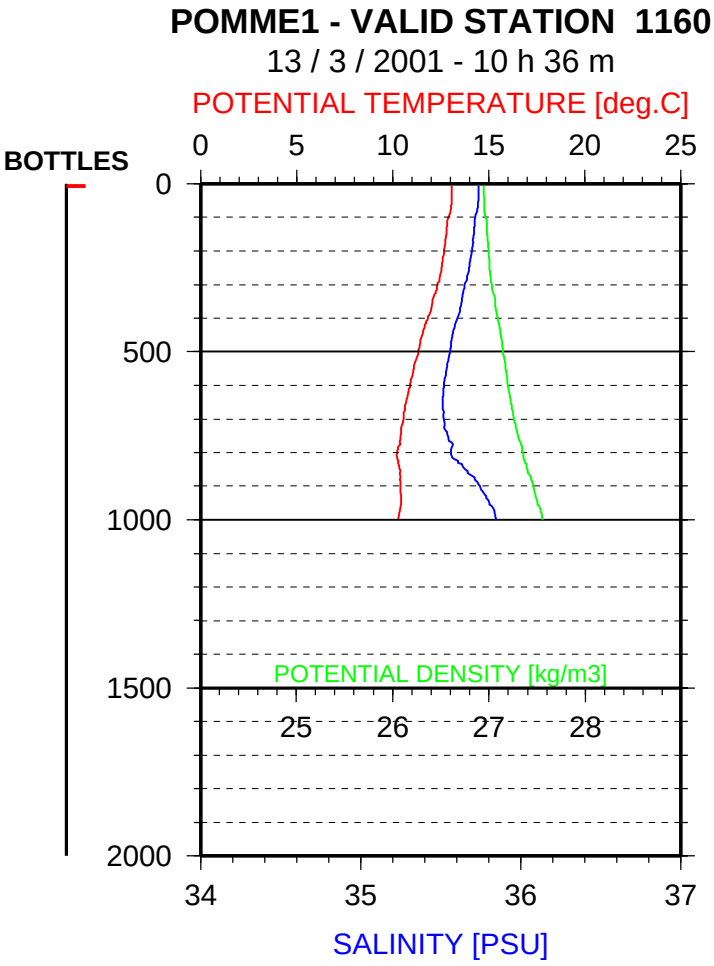
POMME1 - VALID STATION 1157

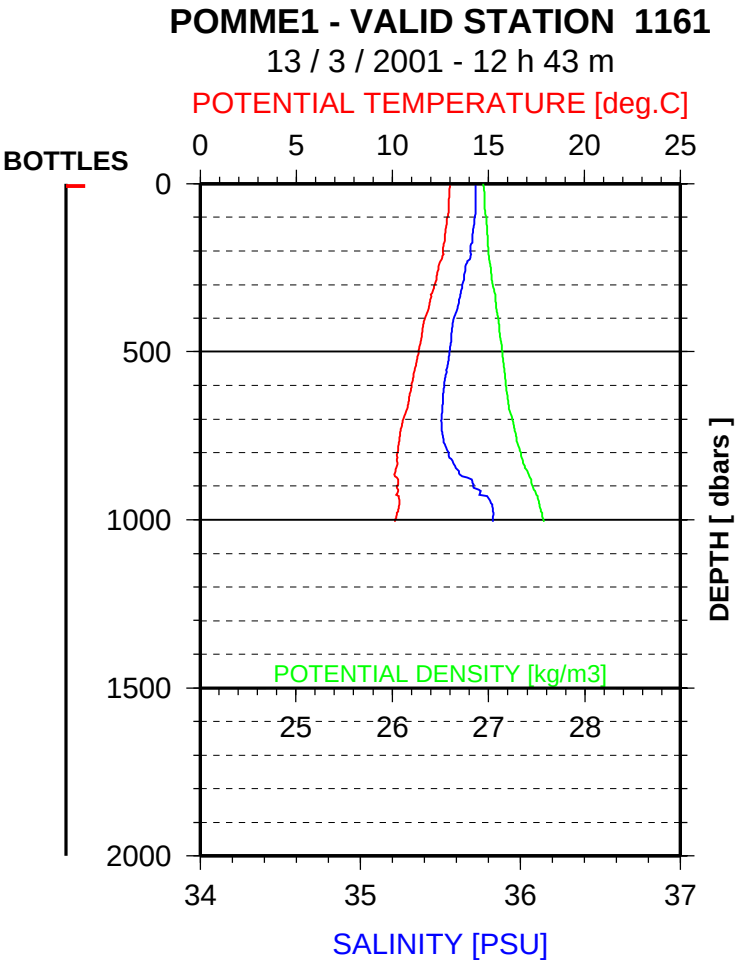
13 / 3 / 2001 - 4 h 39 m

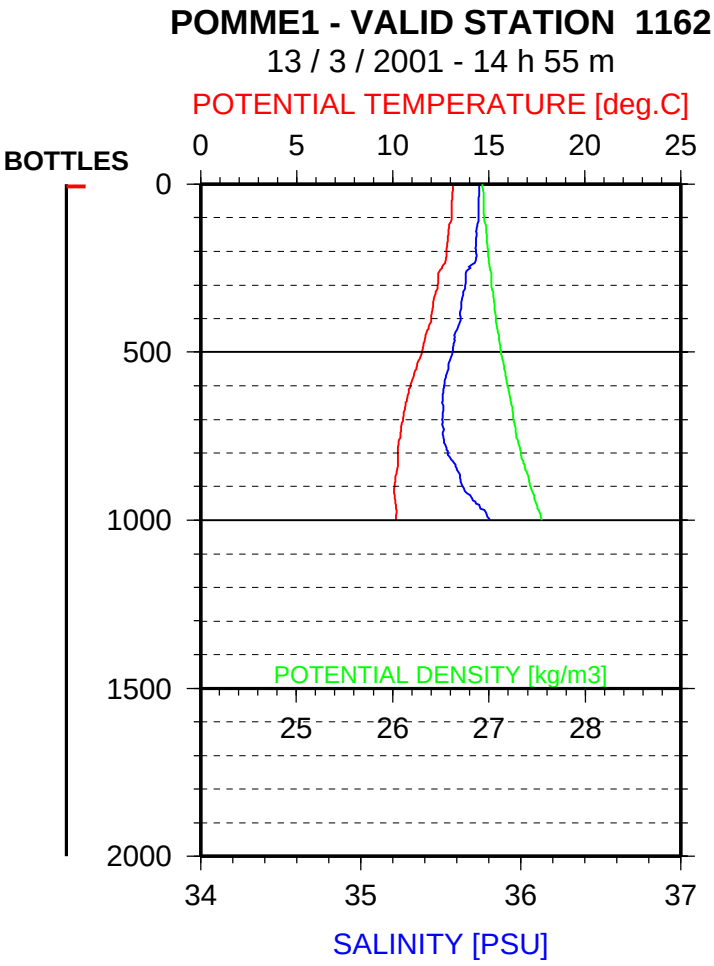


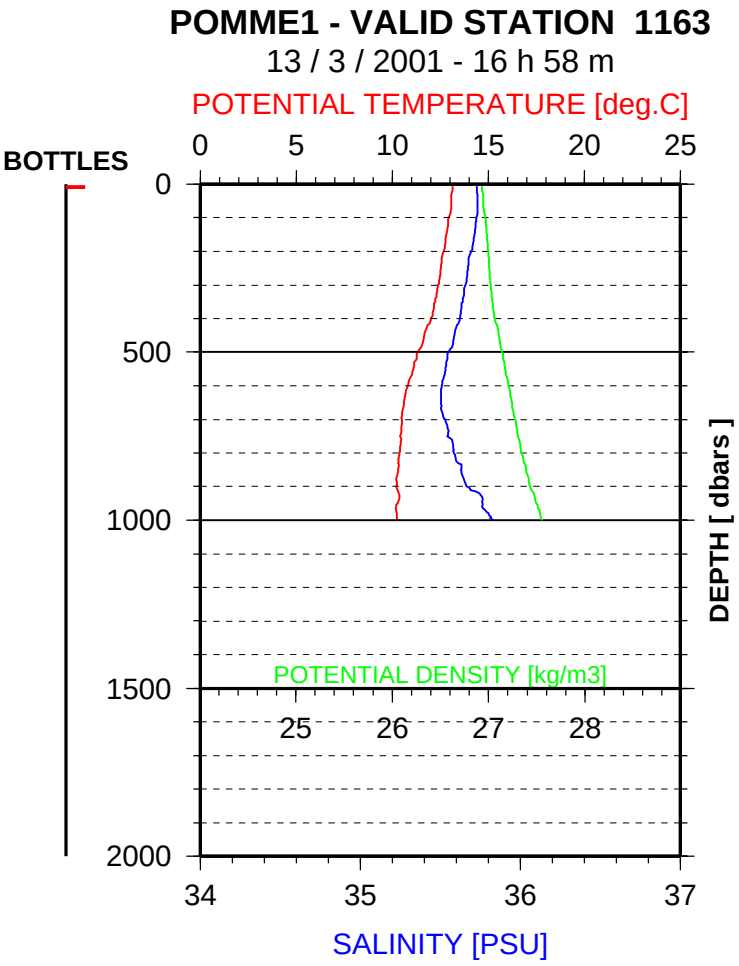

POMME1 - VALID STATION 1158
13 / 3 / 2001 - 6 h 40 m
POTENTIAL TEMPERATURE [deg.C]
BOTTLES
0 5 10 15 20 25
0
500
1000
1500
2000
POTENTIAL DENSITY [kg/m3]
25 26 27 28
34 35 36 37
SALINITY [PSU]

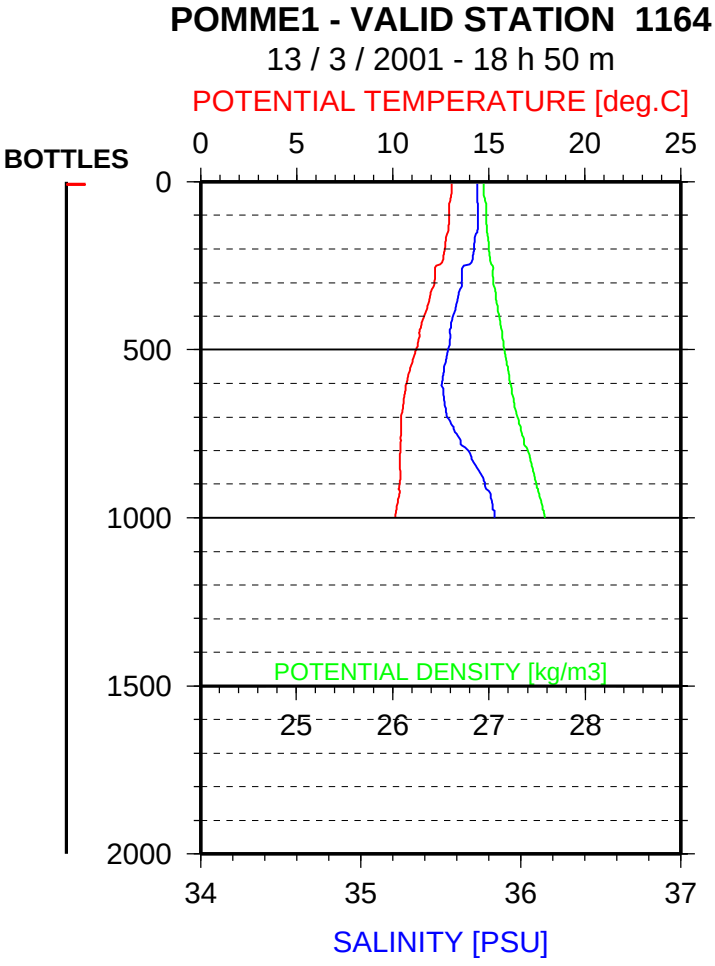

POMME1 - VALID STATION 1159
13 / 3 / 2001 - 8 h 37 m
POTENTIAL TEMPERATURE [deg.C]
BOTTLES
0 5 10 15 20 25
0
500
1000
1500
2000
POTENTIAL DENSITY [kg/m3]
25 26 27 28
34 35 36 37
SALINITY [PSU]
DEPTH [dbars]

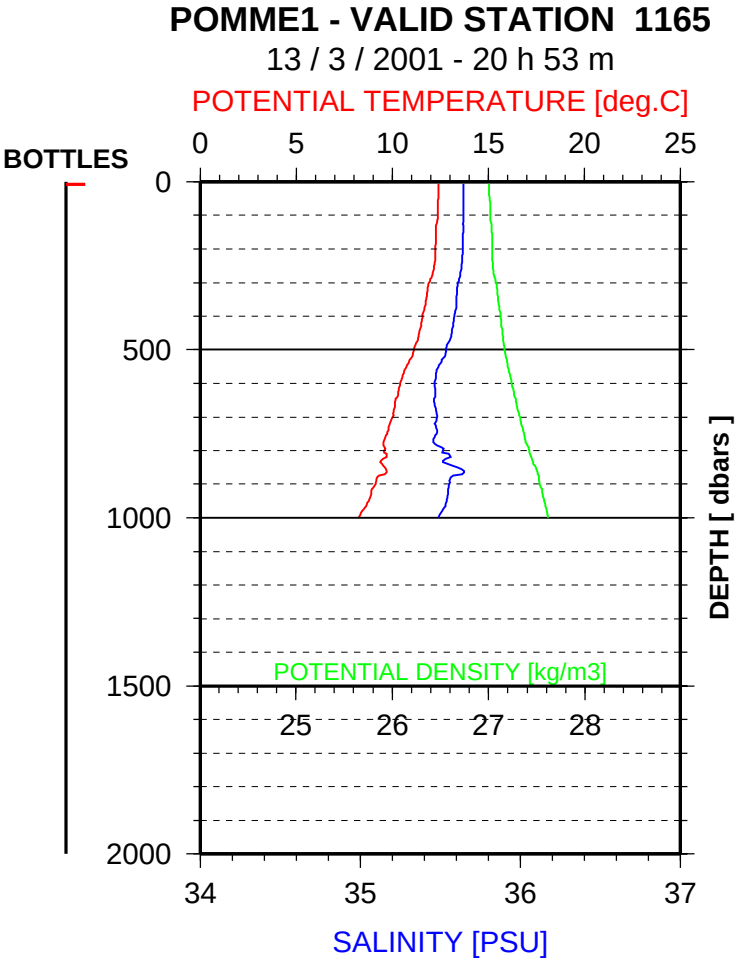

POMME1 - VALID STATION 1160
13 / 3 / 2001 - 10 h 36 m
POTENTIAL TEMPERATURE [deg.C]
BOTTLES
0 5 10 15 20 25
0
500
1000
1500
2000
POTENTIAL DENSITY [kg/m3]
25 26 27 28
34 35 36 37
SALINITY [PSU]

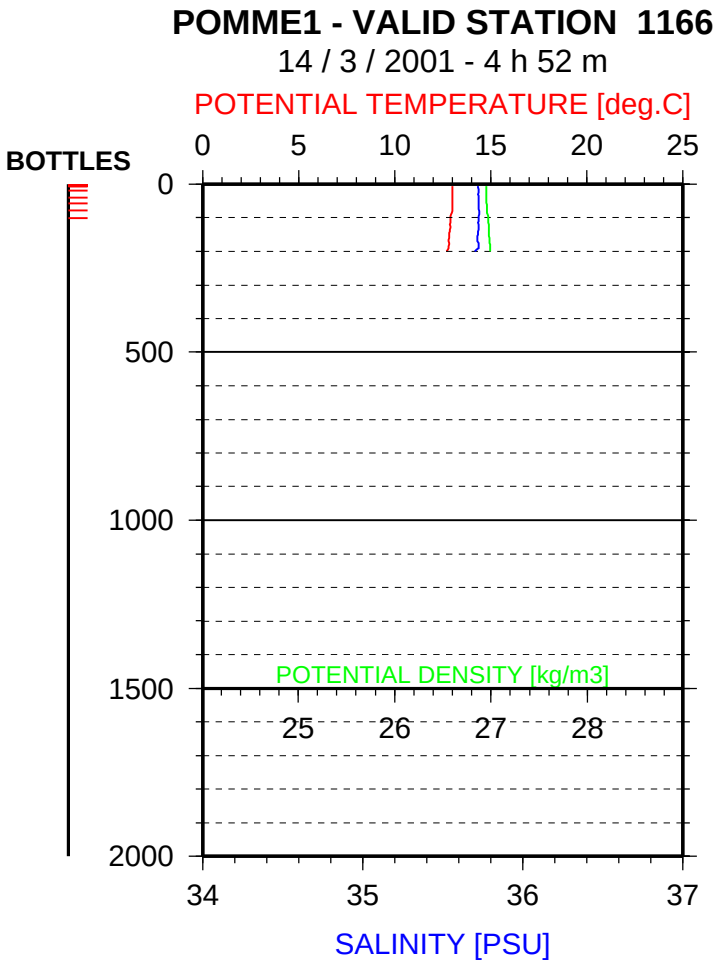

POMME1 - VALID STATION 1161
13 / 3 / 2001 - 12 h 43 m
POTENTIAL TEMPERATURE [deg.C]
BOTTLES
0 5 10 15 20 25
0
500
1000
1500
2000
POTENTIAL DENSITY [kg/m3]
25 26 27 28
34 35 36 37
SALINITY [PSU]
DEPTH [dbars]

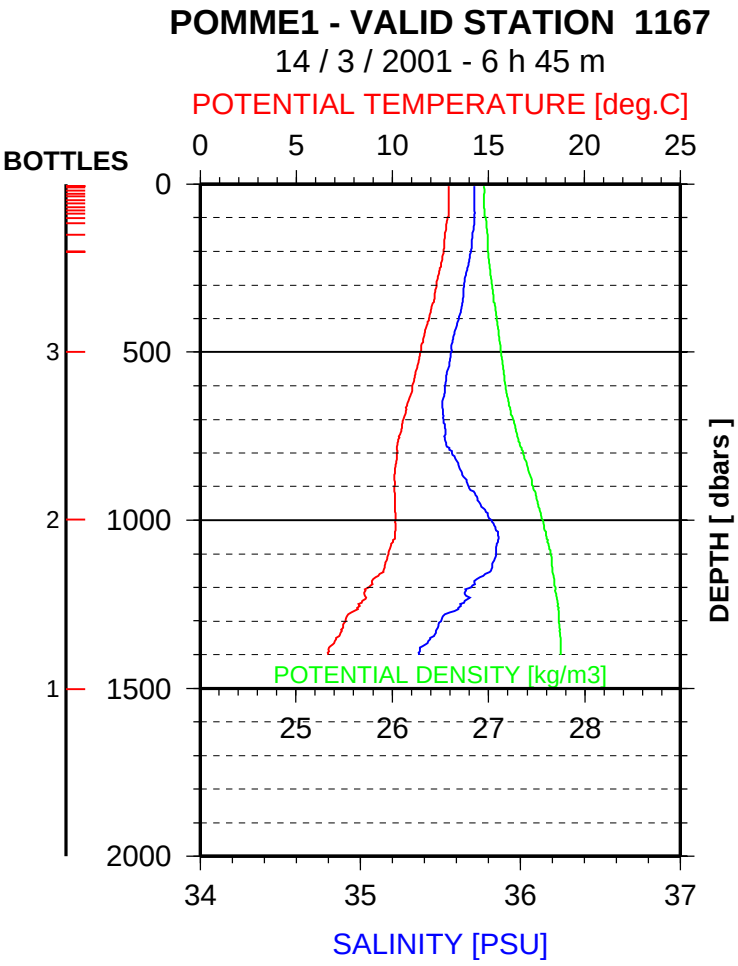

POMME1 - VALID STATION 1162
13 / 3 / 2001 - 14 h 55 m
POTENTIAL TEMPERATURE [deg.C]
BOTTLES
0 5 10 15 20 25
0
500
1000
1500
2000
POTENTIAL DENSITY [kg/m3]
25 26 27 28
34 35 36 37
SALINITY [PSU]

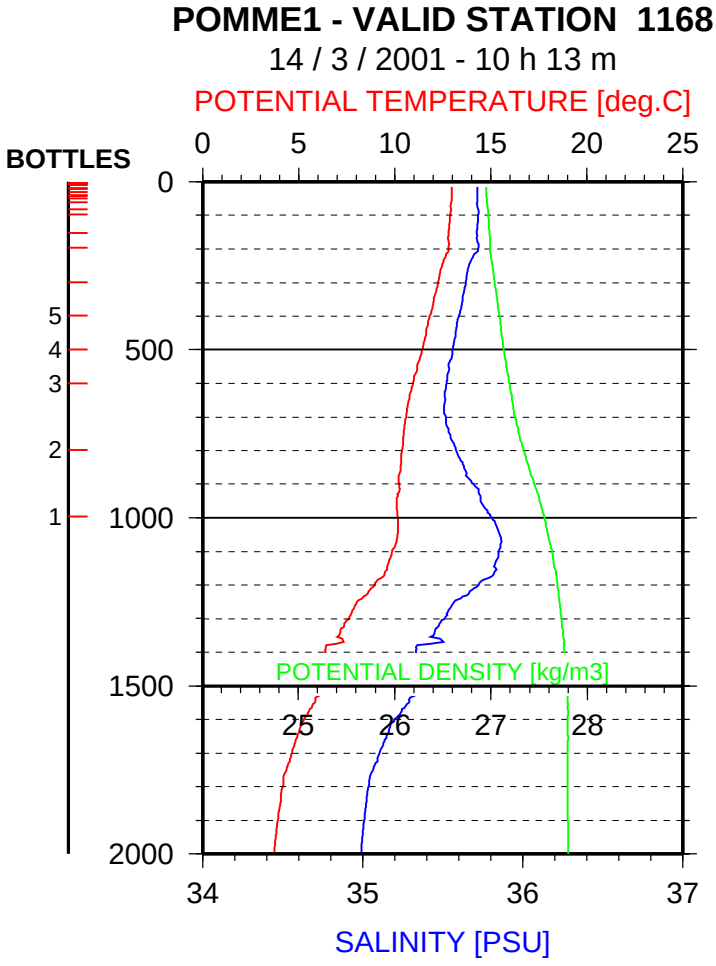

POMME1 - VALID STATION 1163
13 / 3 / 2001 - 16 h 58 m
POTENTIAL TEMPERATURE [deg.C]
BOTTLES
0 5 10 15 20 25
0
500
1000
1500
2000
POTENTIAL DENSITY [kg/m3]
25 26 27 28
34 35 36 37
SALINITY [PSU]
DEPTH [dbars]

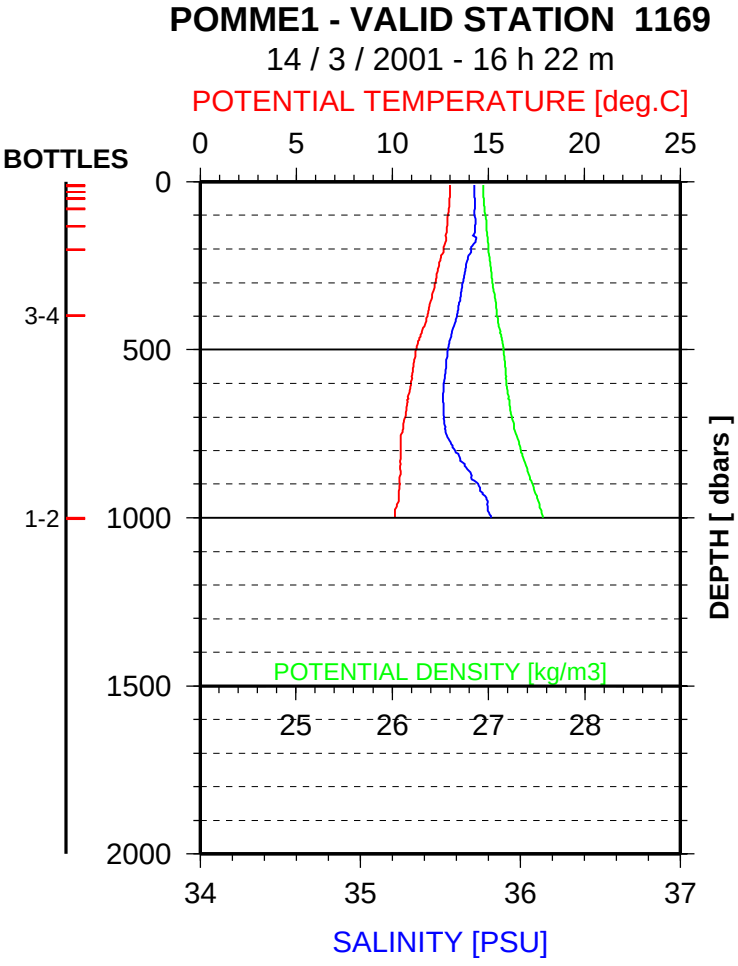

POMME1 - VALID STATION 1164
13 / 3 / 2001 - 18 h 50 m
POTENTIAL TEMPERATURE [deg.C]
BOTTLES
0 5 10 15 20 25
0
500
1000
1500
2000
POTENTIAL DENSITY [kg/m3]
25 26 27 28
34 35 36 37
SALINITY [PSU]

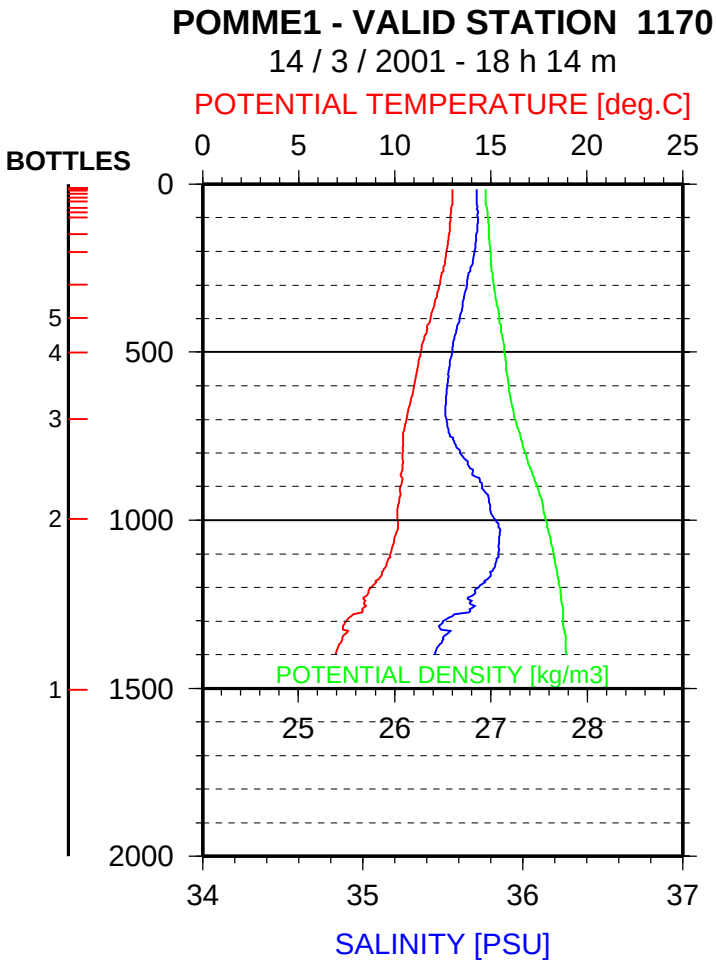

POMME1 - VALID STATION 1165
13 / 3 / 2001 - 20 h 53 m
POTENTIAL TEMPERATURE [deg.C]
BOTTLES
0 5 10 15 20 25
0
500
1000
1500
2000
POTENTIAL DENSITY [kg/m3]
25 26 27 28
34 35 36 37
SALINITY [PSU]
DEPTH [dbars]

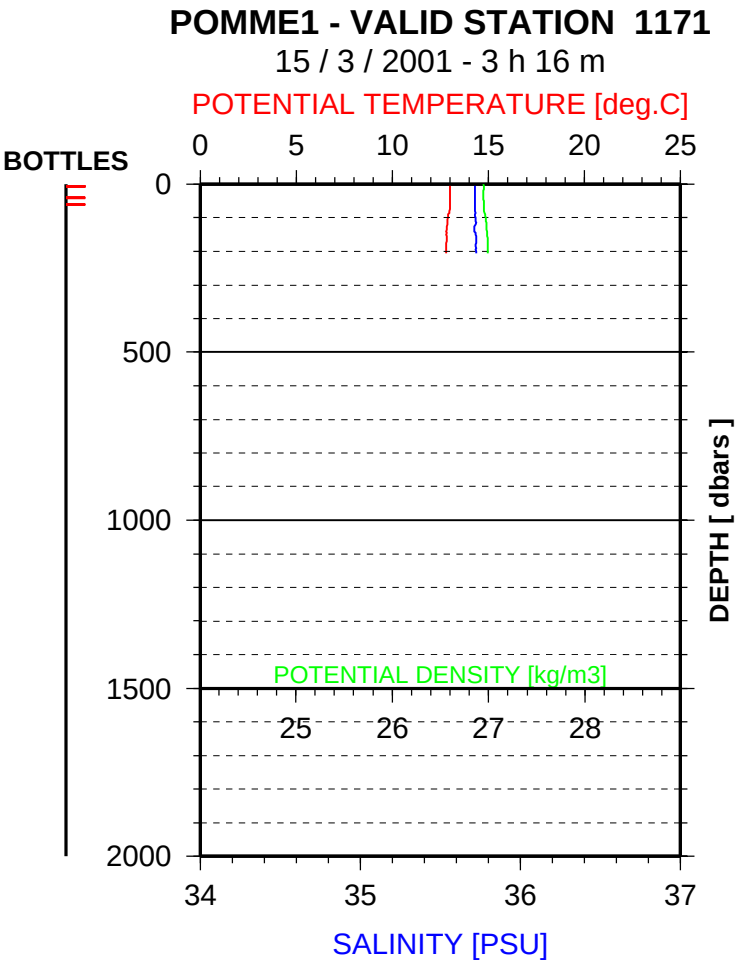

POMME1 - VALID STATION 1166
14 / 3 / 2001 - 4 h 52 m
POTENTIAL TEMPERATURE [deg.C]
BOTTLES
0 5 10 15 20 25
0
500
1000
1500
2000
POTENTIAL DENSITY [kg/m3]
25 26 27 28
34 35 36 37
SALINITY [PSU]

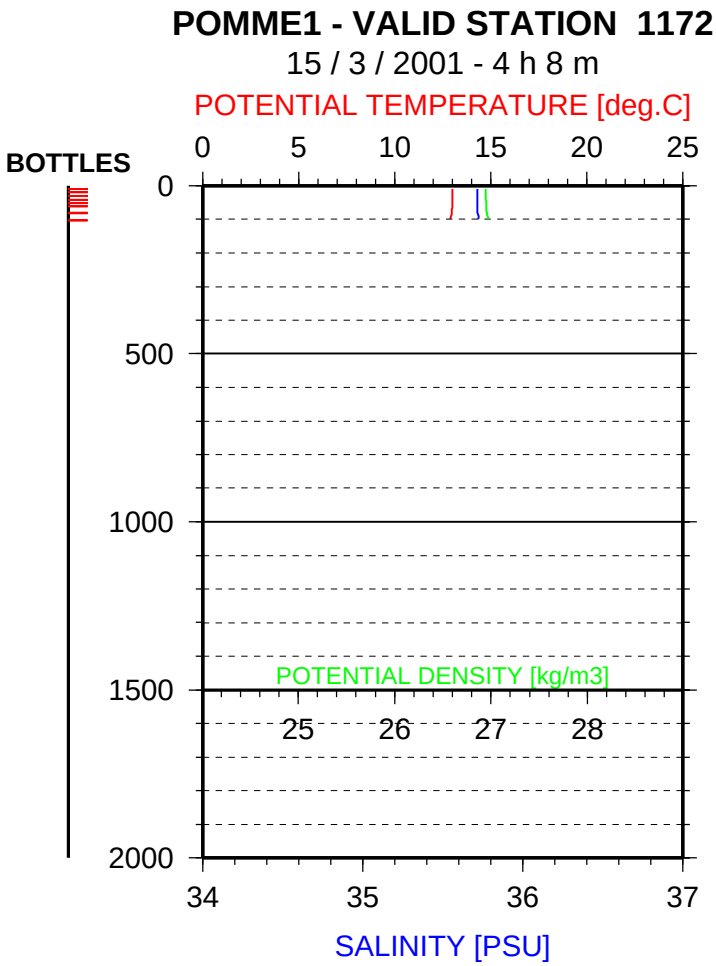

POMME1 - VALID STATION 1167
14 / 3 / 2001 - 6 h 45 m
POTENTIAL TEMPERATURE [deg.C]
BOTTLES
3
2
1
0 5 10 15 20 25
0
500
1000
1500
2000
POTENTIAL DENSITY [kg/m3]
25 26 27 28
34 35 36 37
SALINITY [PSU]
DEPTH [dbars]

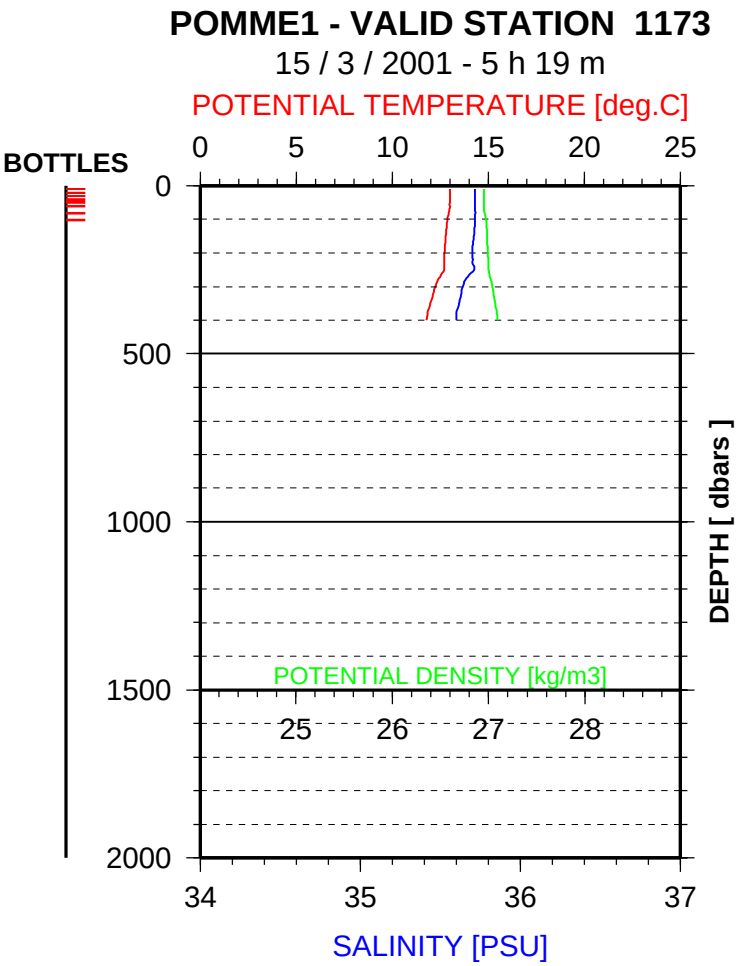

POMME1 - VALID STATION 1168
14 / 3 / 2001 - 10 h 13 m
POTENTIAL TEMPERATURE [deg.C]
BOTTLES
5
4
3
2
1
0 5 10 15 20 25
0
500
1000
1500
2000
POTENTIAL DENSITY [kg/m3]
25 26 27 28
34 35 36 37
SALINITY [PSU]

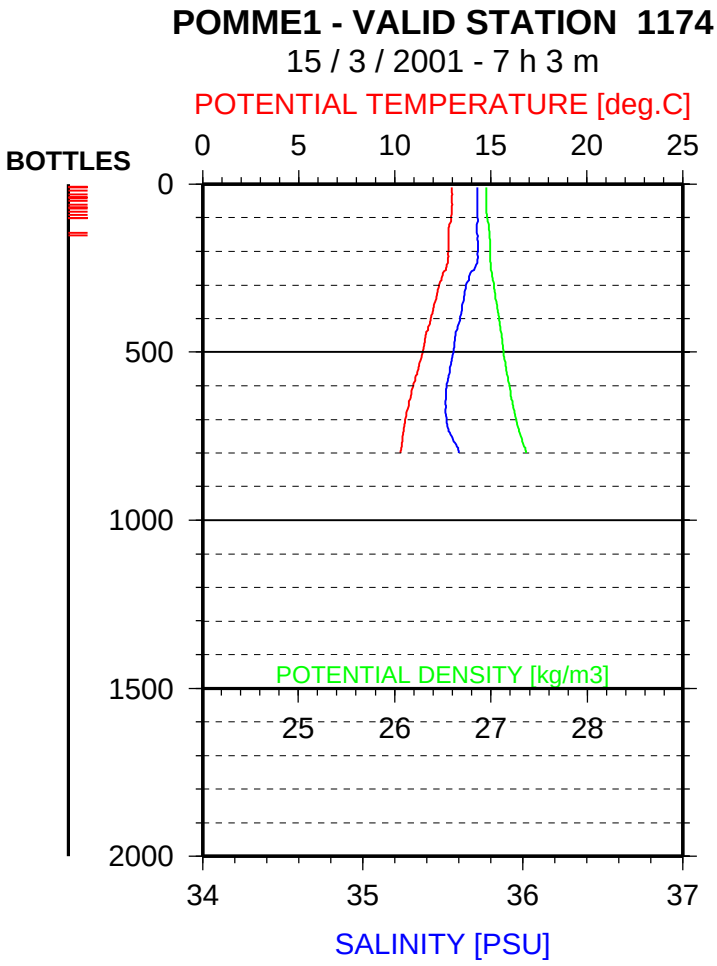

POMME1 - VALID STATION 1169
14 / 3 / 2001 - 16 h 22 m
POTENTIAL TEMPERATURE [deg.C]
BOTTLES
3-4
1-2
0 5 10 15 20 25
0
500
1000
1500
2000
POTENTIAL DENSITY [kg/m3]
25 26 27 28
34 35 36 37
SALINITY [PSU]
DEPTH [dbars]

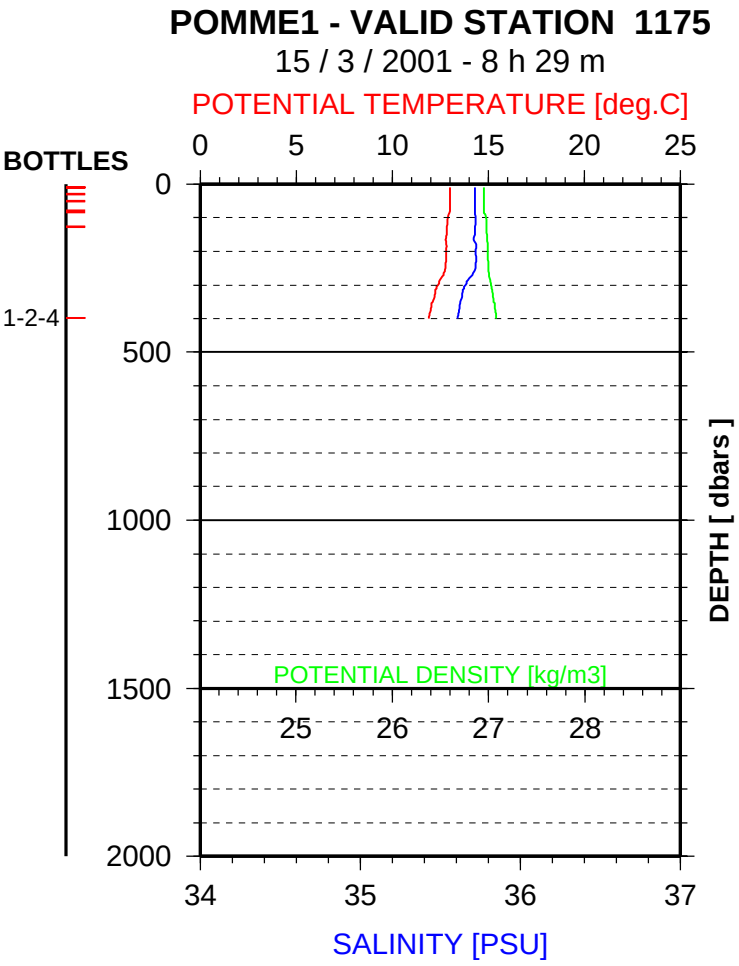

POMME1 - VALID STATION 1170
14 / 3 / 2001 - 18 h 14 m
POTENTIAL TEMPERATURE [deg.C]
BOTTLES
POTENTIAL DENSITY [kg/m3]
SALINITY [PSU]

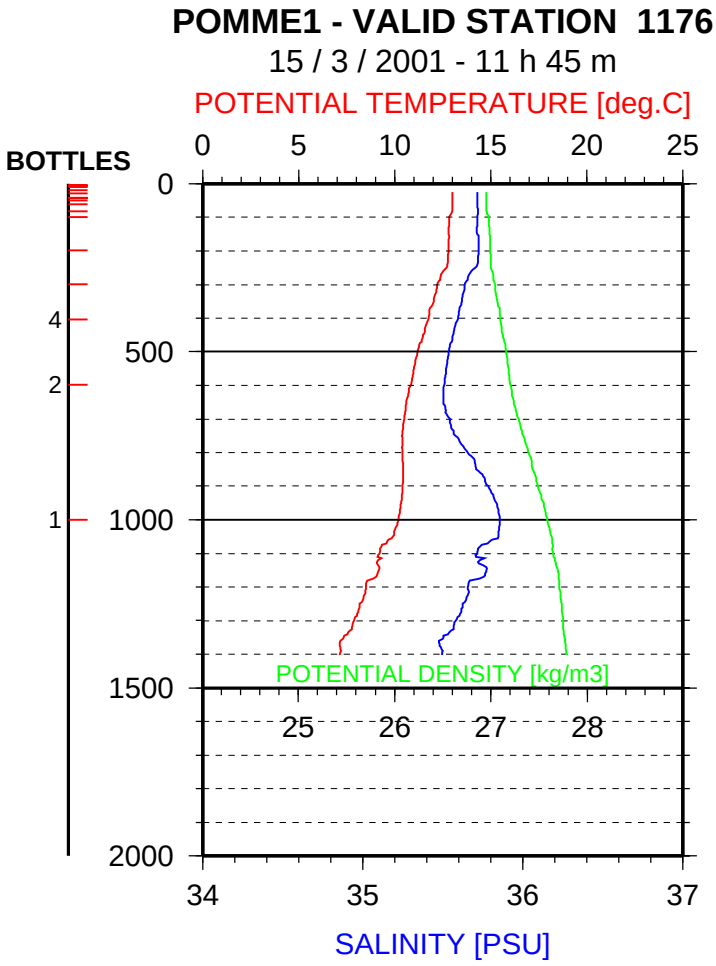

POMME1 - VALID STATION 1171
15 / 3 / 2001 - 3 h 16 m
POTENTIAL TEMPERATURE [deg.C]
BOTTLES
POTENTIAL DENSITY [kg/m3]
SALINITY [PSU]
DEPTH [dbars]

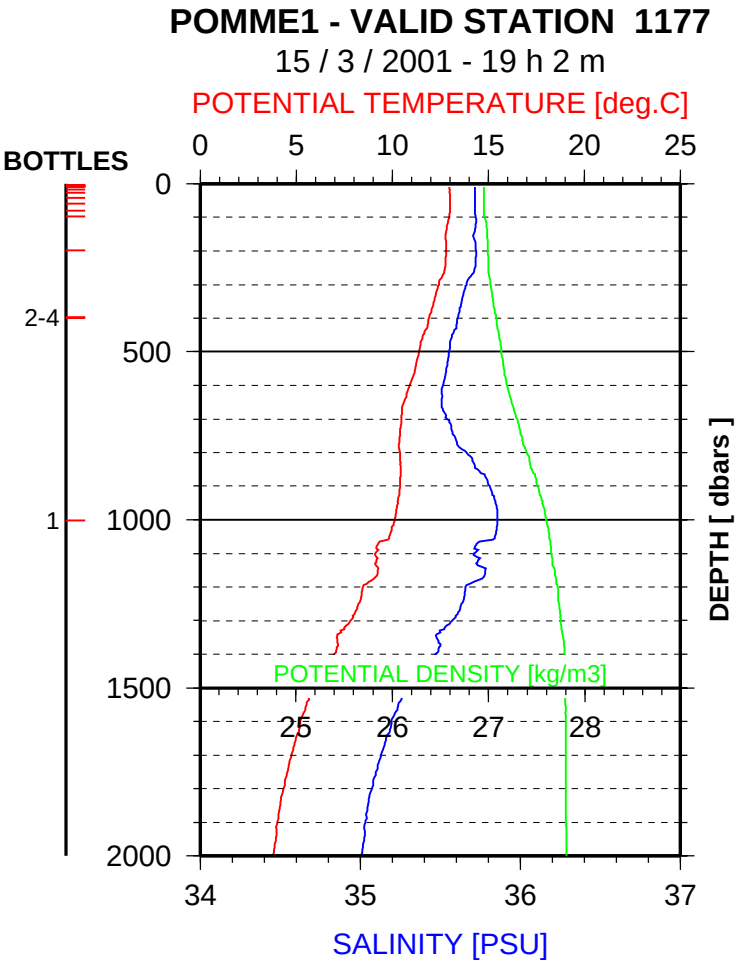

POMME1 - VALID STATION 1172
15 / 3 / 2001 - 4 h 8 m
POTENTIAL TEMPERATURE [deg.C]
BOTTLES
POTENTIAL DENSITY [kg/m3]
SALINITY [PSU]

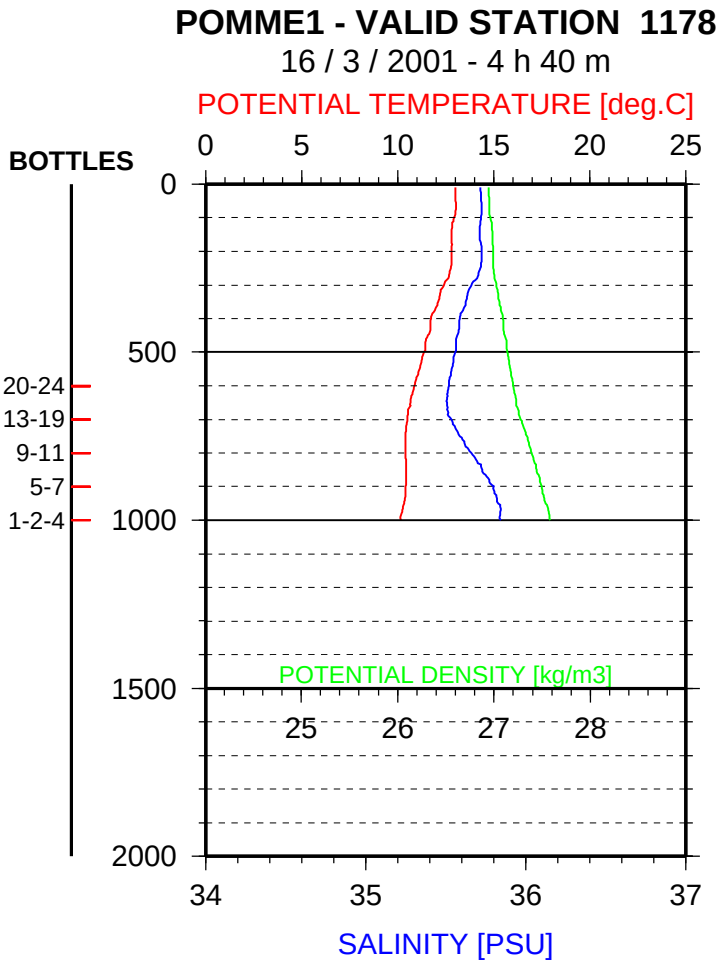

POMME1 - VALID STATION 1173
15 / 3 / 2001 - 5 h 19 m
POTENTIAL TEMPERATURE [deg.C]
BOTTLES
POTENTIAL DENSITY [kg/m3]
SALINITY [PSU]
DEPTH [dbars]

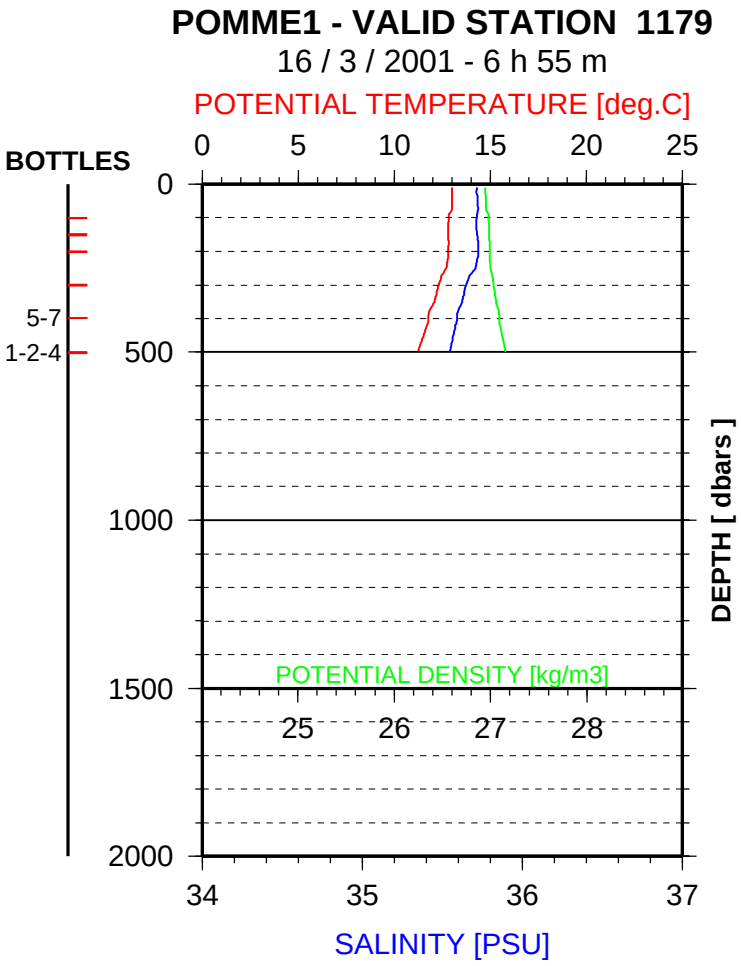

POMME1 - VALID STATION 1174
15 / 3 / 2001 - 7 h 3 m
POTENTIAL TEMPERATURE [deg.C]
BOTTLES
POTENTIAL DENSITY [kg/m3]
SALINITY [PSU]

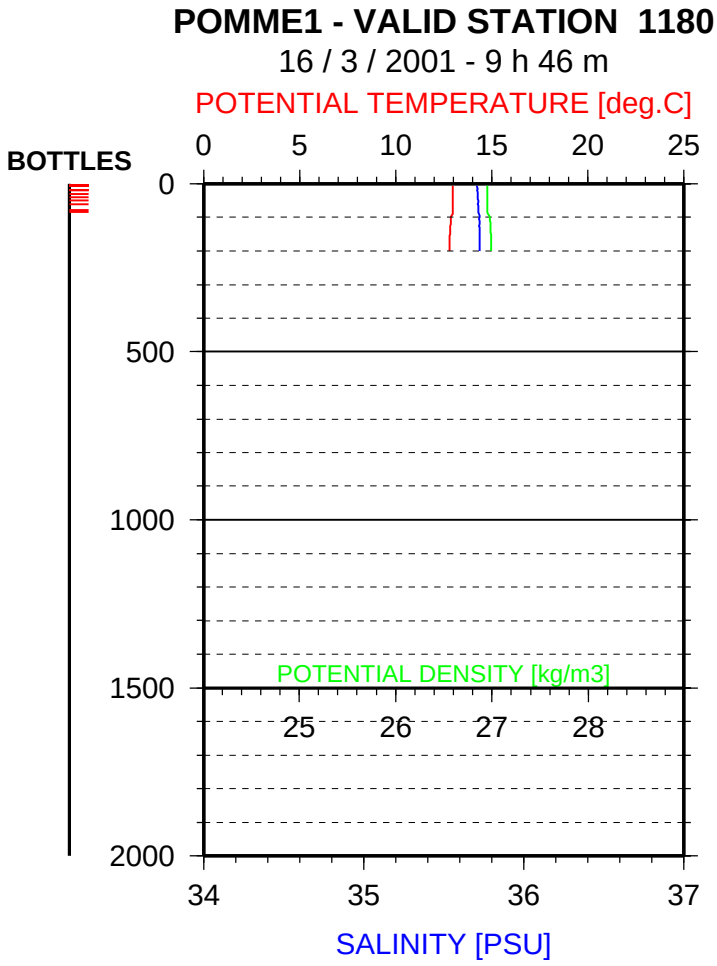

POMME1 - VALID STATION 1175
15 / 3 / 2001 - 8 h 29 m
POTENTIAL TEMPERATURE [deg.C]
BOTTLES
1-2-4
POTENTIAL DENSITY [kg/m3]
SALINITY [PSU]
DEPTH [dbars]

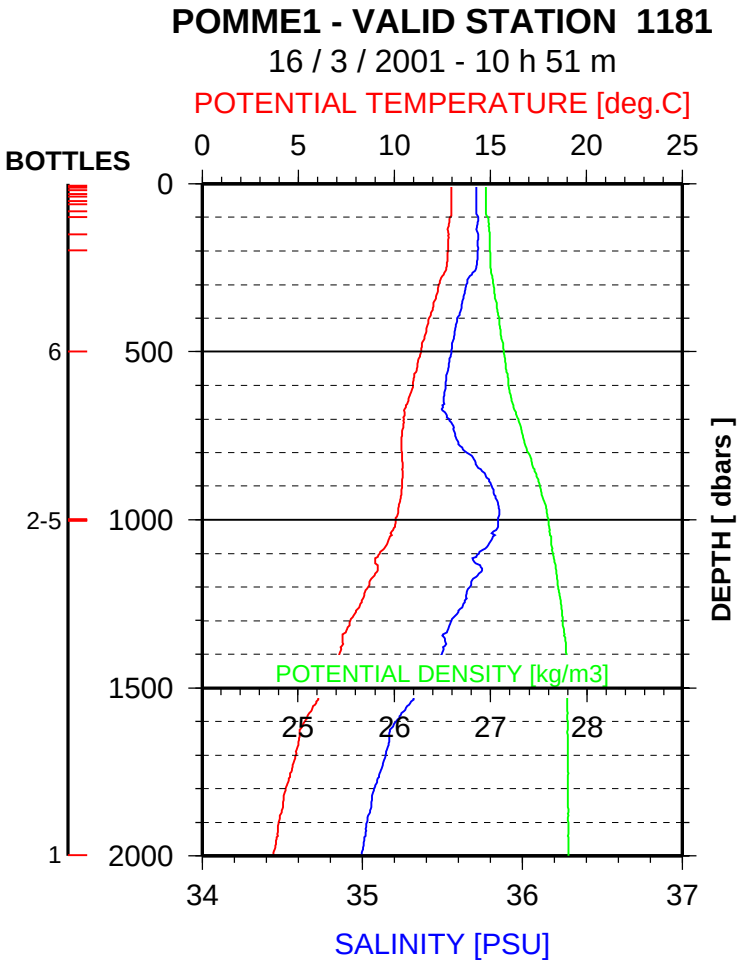

POMME1 - VALID STATION 1176
15 / 3 / 2001 - 11 h 45 m
POTENTIAL TEMPERATURE [deg.C]
BOTTLES
4
2
1
POTENTIAL DENSITY [kg/m3]
SALINITY [PSU]

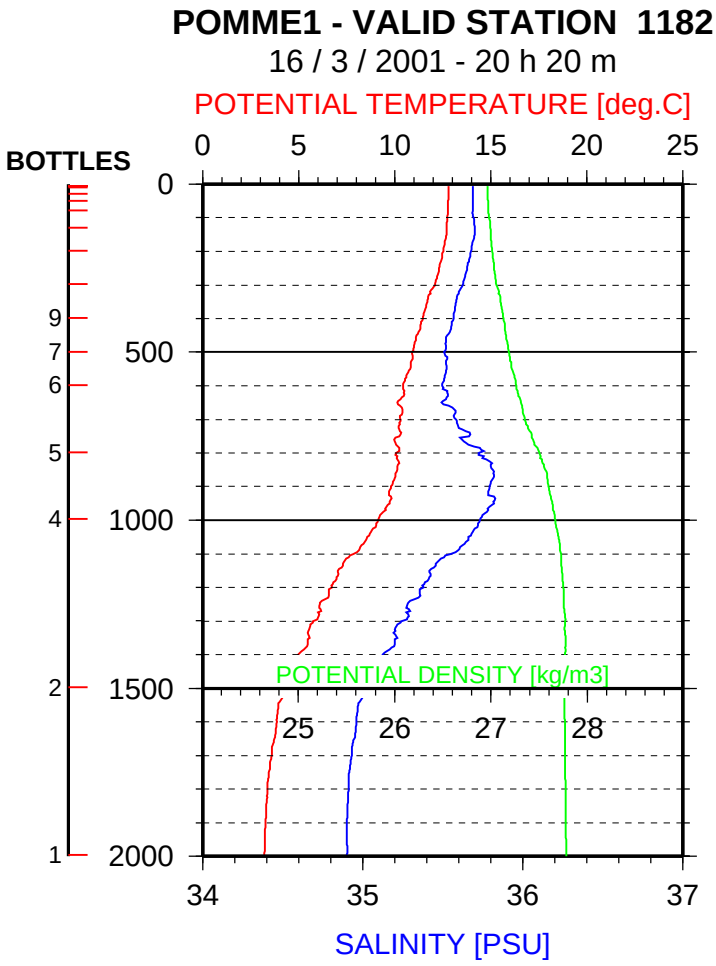

POMME1 - VALID STATION 1177
15 / 3 / 2001 - 19 h 2 m
POTENTIAL TEMPERATURE [deg.C]
BOTTLES
2-4
1
POTENTIAL DENSITY [kg/m3]
SALINITY [PSU]
DEPTH [dbars]

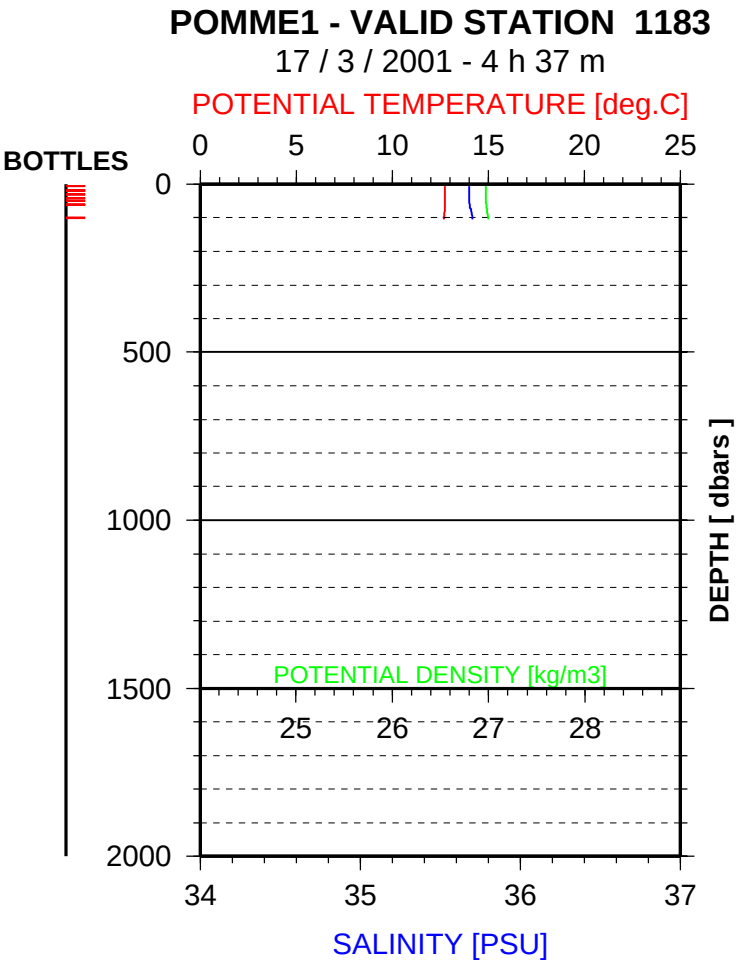

POMME1 - VALID STATION 1178
16 / 3 / 2001 - 4 h 40 m
POTENTIAL TEMPERATURE [deg.C]
0 5 10 15 20 25
BOTTLES
0
500
1000
1500
2000
20-24
13-19
9-11
5-7
1-2-4
POTENTIAL DENSITY [kg/m3]
25 26 27 28
34 35 36 37
SALINITY [PSU]

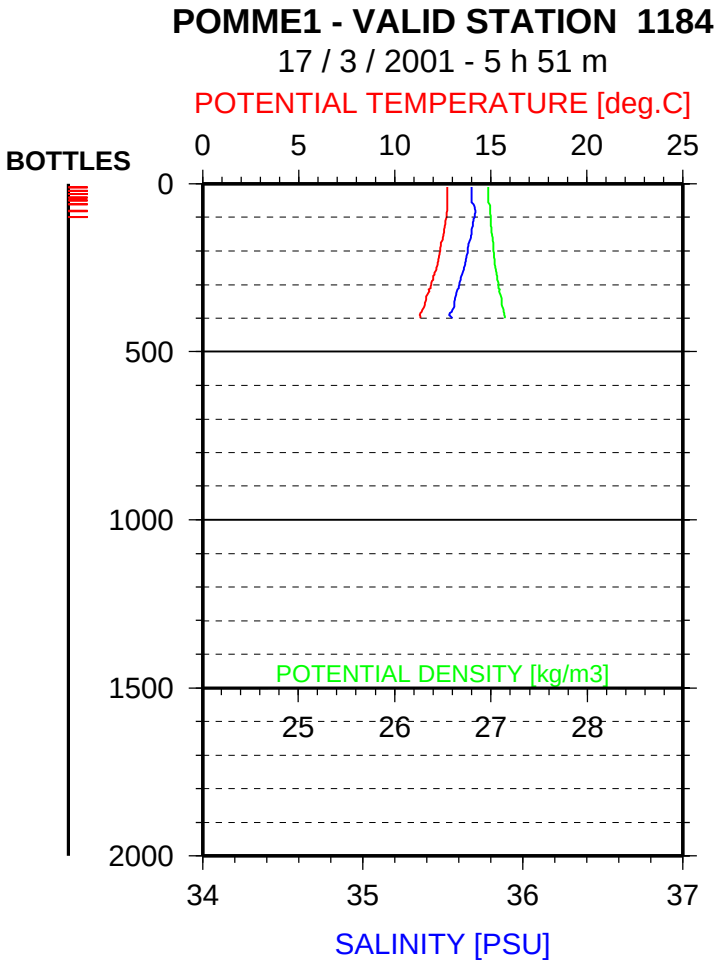

POMME1 - VALID STATION 1179
16 / 3 / 2001 - 6 h 55 m
POTENTIAL TEMPERATURE [deg.C]
0 5 10 15 20 25
BOTTLES
0
500
1000
1500
2000
5-7
1-2-4
POTENTIAL DENSITY [kg/m3]
25 26 27 28
34 35 36 37
SALINITY [PSU]
DEPTH [dbars]

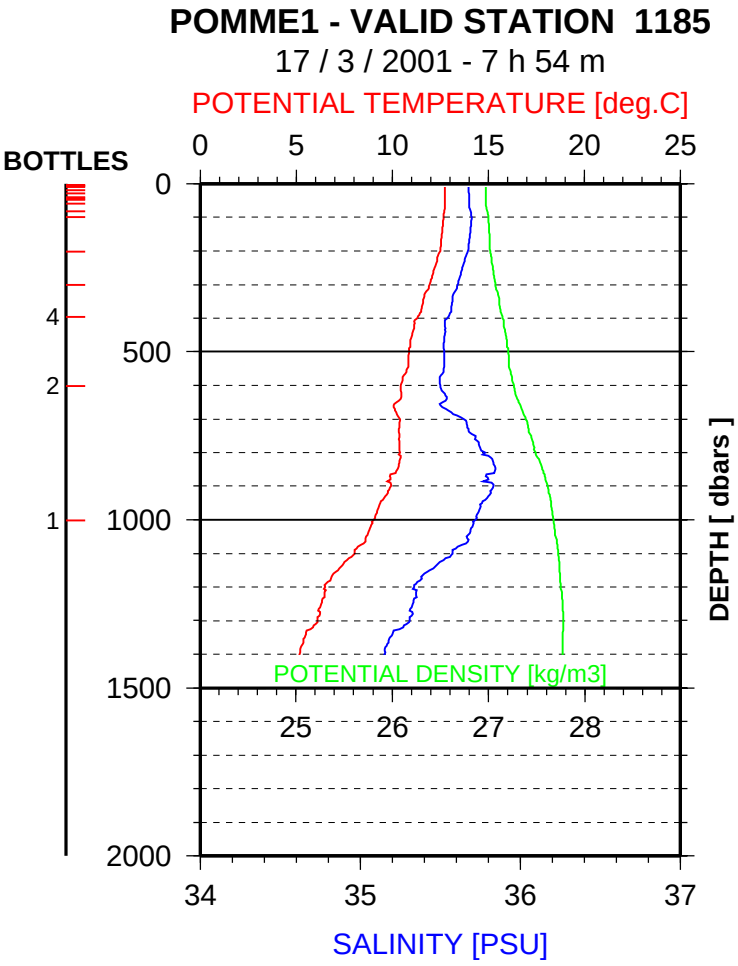

POMME1 - VALID STATION 1180
16 / 3 / 2001 - 9 h 46 m
POTENTIAL TEMPERATURE [deg.C]
0 5 10 15 20 25
BOTTLES
0
500
1000
1500
2000
POTENTIAL DENSITY [kg/m3]
25 26 27 28
34 35 36 37
SALINITY [PSU]


POMME1 - VALID STATION 1181
16 / 3 / 2001 - 10 h 51 m
POTENTIAL TEMPERATURE [deg.C]
0 5 10 15 20 25
BOTTLES
0
500
1000
1500
2000
6
2-5
1
POTENTIAL DENSITY [kg/m3]
25 26 27 28
34 35 36 37
SALINITY [PSU]
DEPTH [dbars]


POMME1 - VALID STATION 1182
16 / 3 / 2001 - 20 h 20 m
POTENTIAL TEMPERATURE [deg.C]
BOTTLES
DEPTH [dbars]
POTENTIAL DENSITY [kg/m3]
SALINITY [PSU]

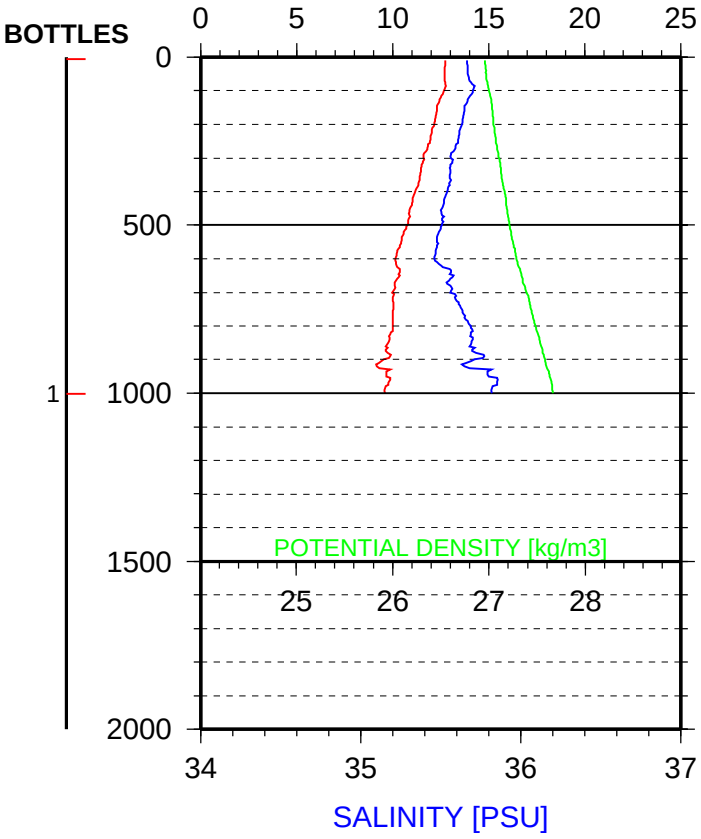

POMME1 - VALID STATION 1183
17 / 3 / 2001 - 4 h 37 m
POTENTIAL TEMPERATURE [deg.C]
BOTTLES
DEPTH [dbars]
POTENTIAL DENSITY [kg/m3]
SALINITY [PSU]


POMME1 - VALID STATION 1184
17 / 3 / 2001 - 5 h 51 m
POTENTIAL TEMPERATURE [deg.C]
BOTTLES
POTENTIAL DENSITY [kg/m3]
SALINITY [PSU]


POMME1 - VALID STATION 1185
17 / 3 / 2001 - 7 h 54 m
POTENTIAL TEMPERATURE [deg.C]
BOTTLES
DEPTH [dbars]
POTENTIAL DENSITY [kg/m3]
SALINITY [PSU]

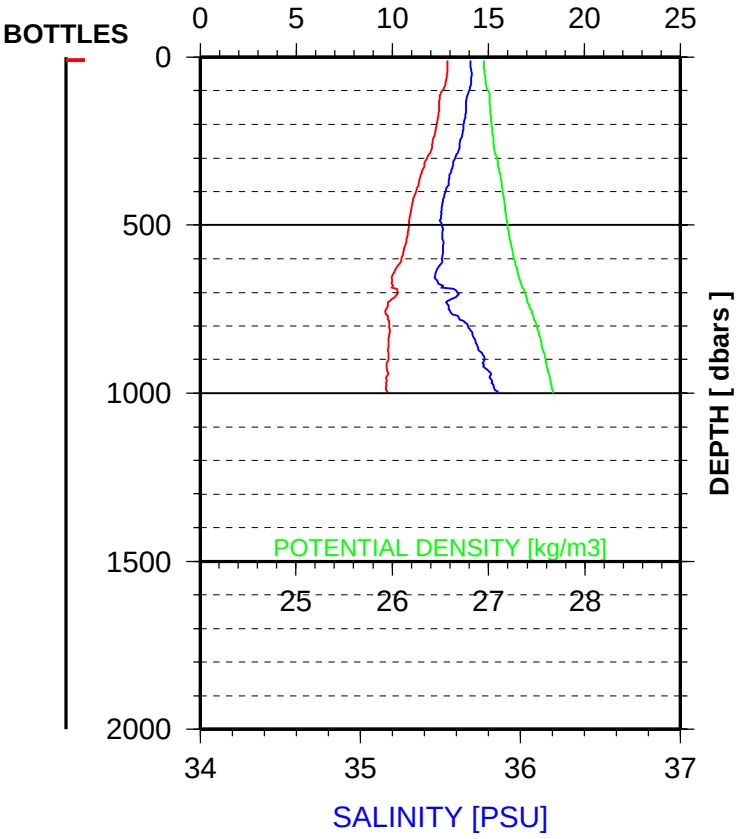
POMME1 - VALID STATION 1186

17 / 3 / 2001 - 11 h 59 m



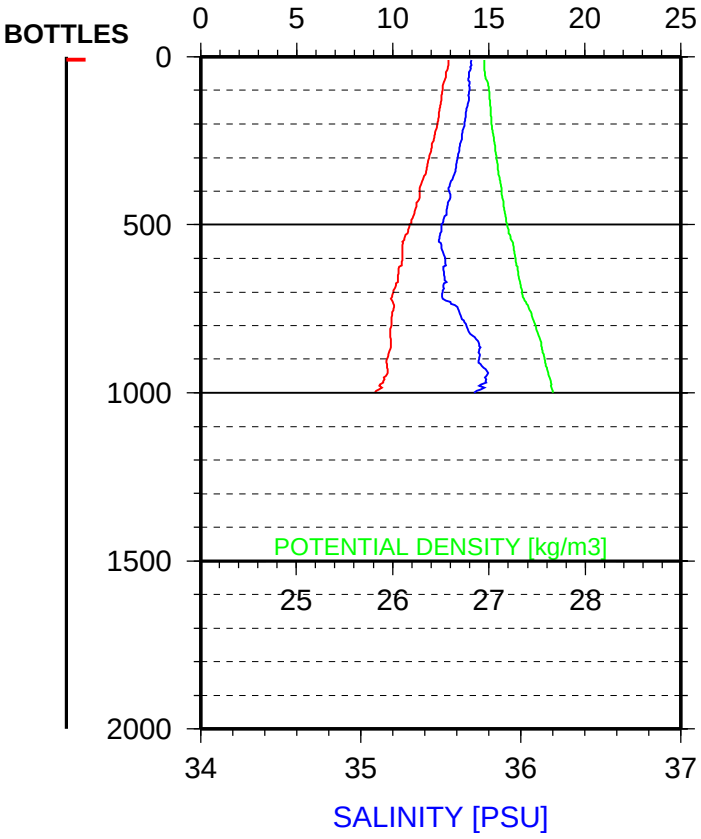
POMME1 - VALID STATION 1187

17 / 3 / 2001 - 16 h 50 m



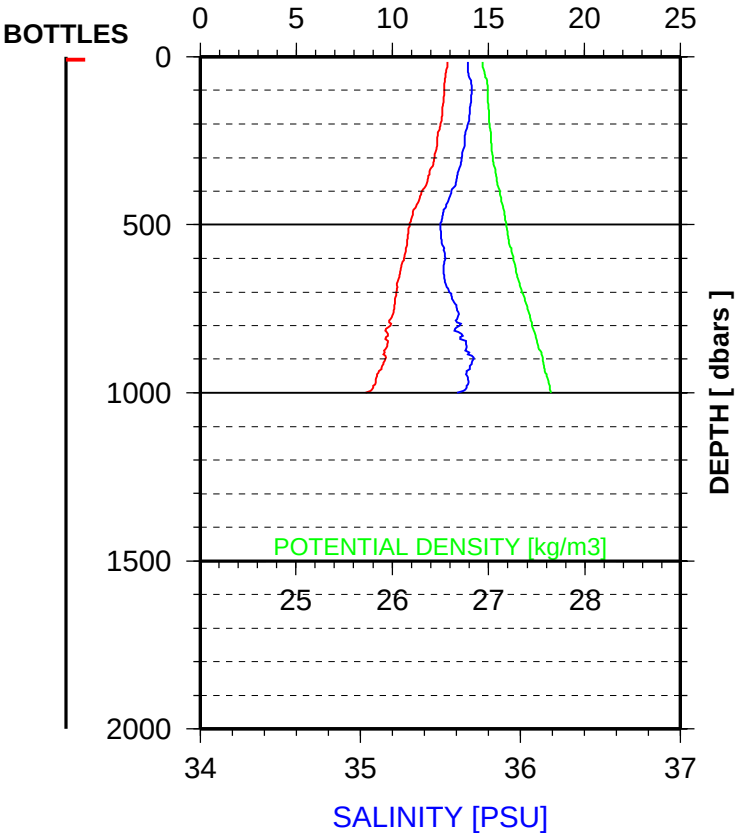
POMME1 - VALID STATION 1188

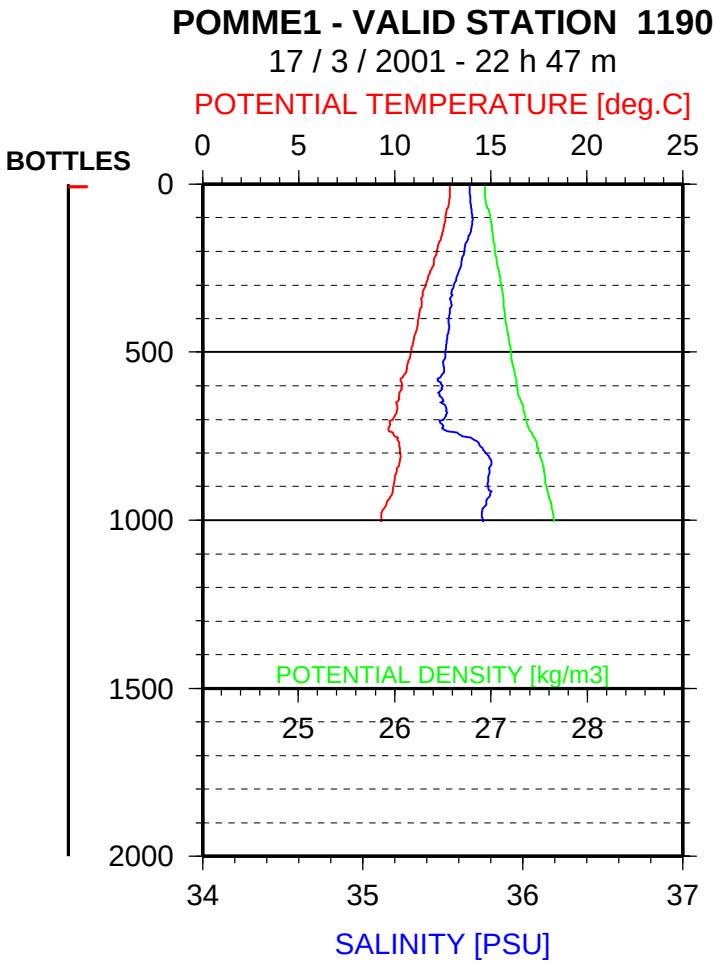
17 / 3 / 2001 - 18 h 48 m

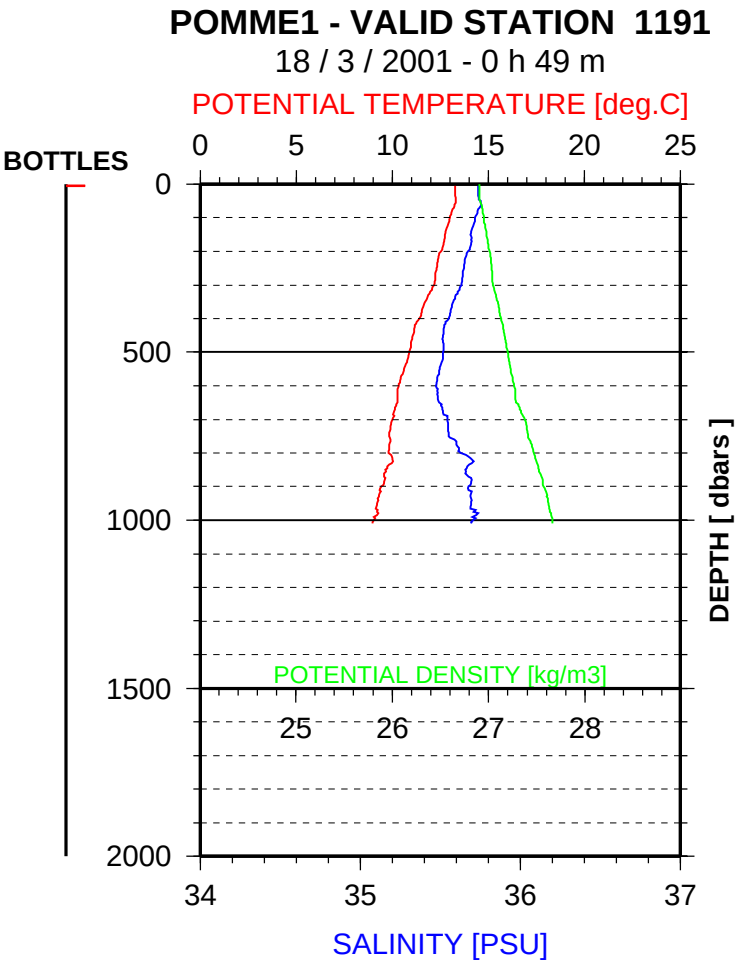


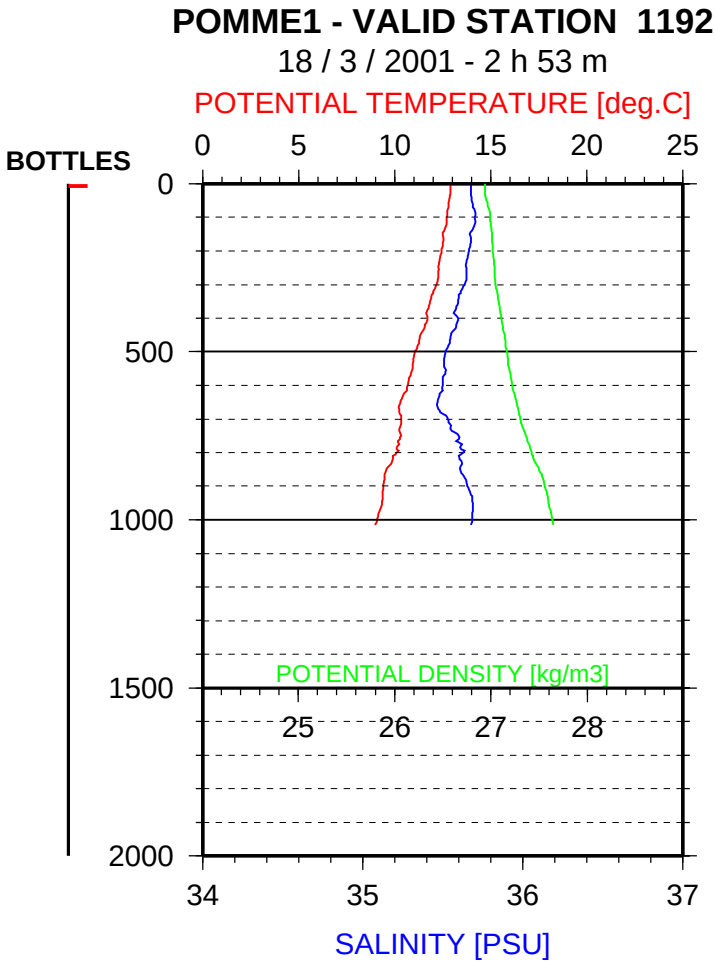
POMME1 - VALID STATION 1189

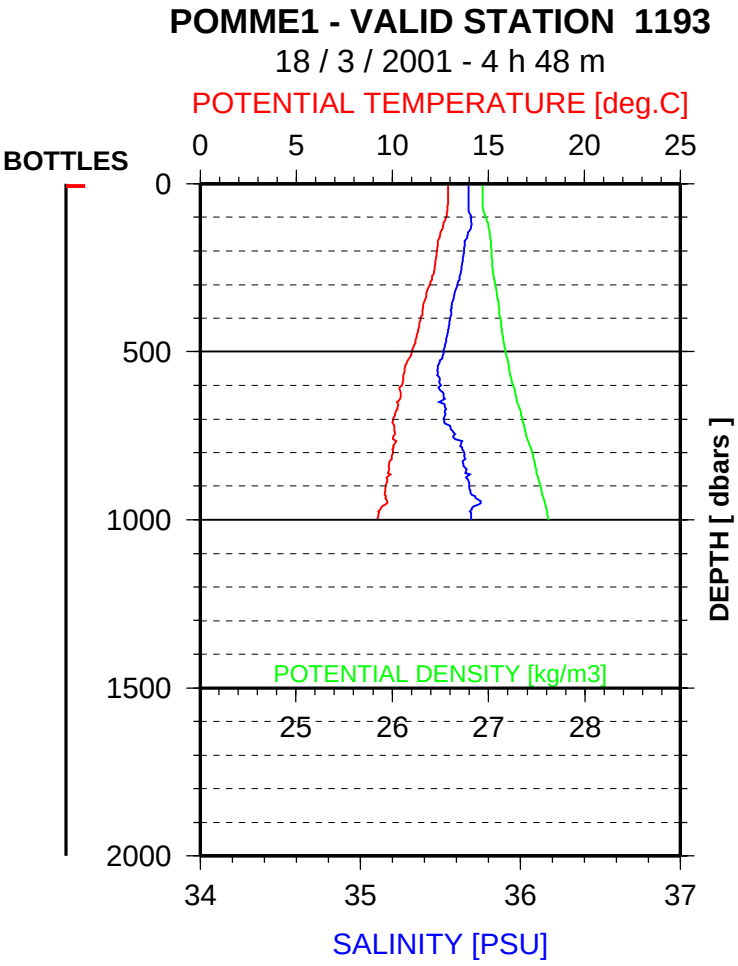
17 / 3 / 2001 - 20 h 48 m

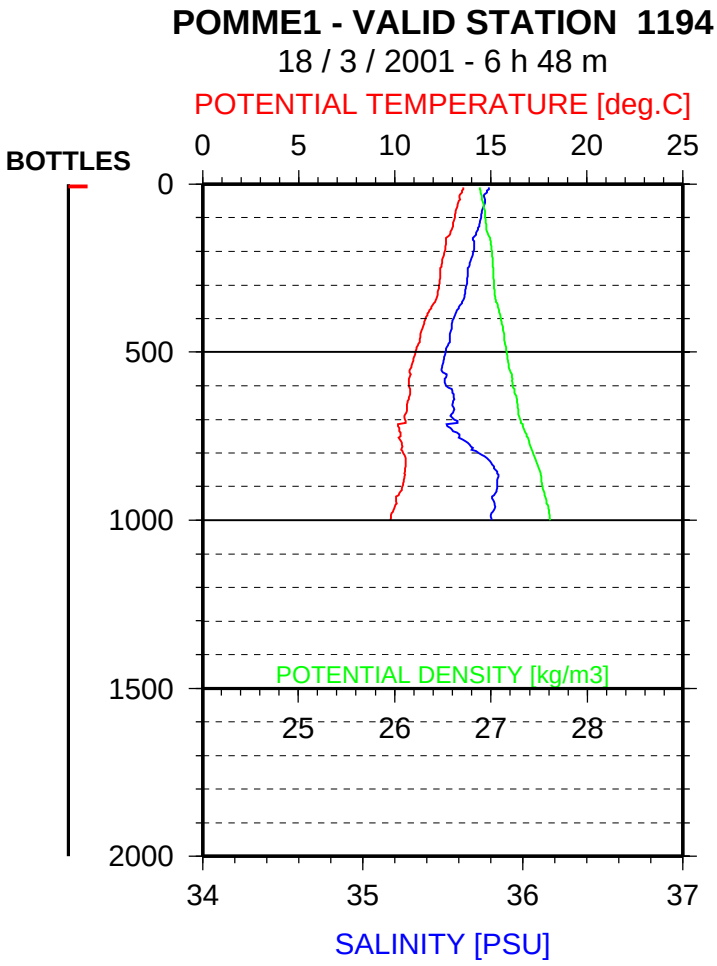


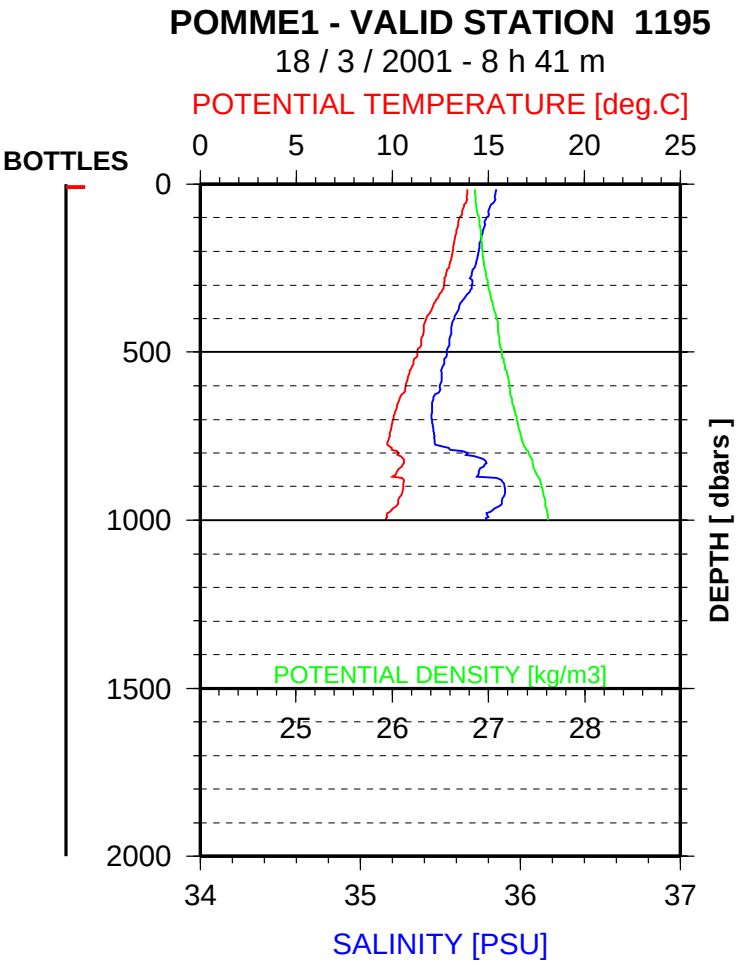

POMME1 - VALID STATION 1190
17 / 3 / 2001 - 22 h 47 m
POTENTIAL TEMPERATURE [deg.C]
BOTTLES
0 5 10 15 20 25
0
500
1000
1500
2000
POTENTIAL DENSITY [kg/m3]
25 26 27 28
34 35 36 37
SALINITY [PSU]

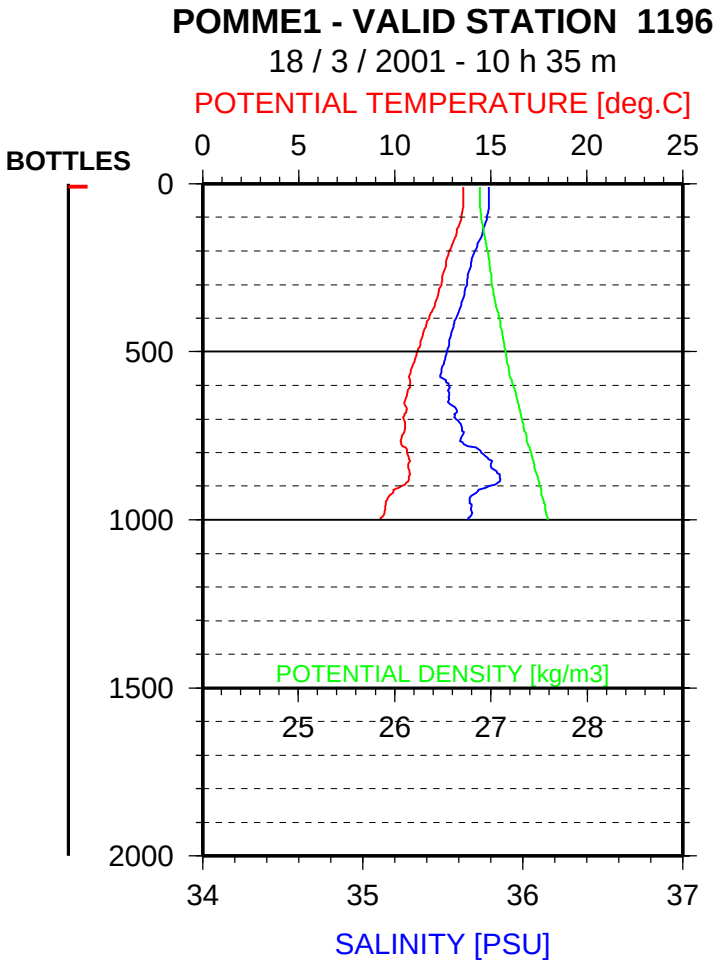

POMME1 - VALID STATION 1191
18 / 3 / 2001 - 0 h 49 m
POTENTIAL TEMPERATURE [deg.C]
BOTTLES
0 5 10 15 20 25
0
500
1000
1500
2000
POTENTIAL DENSITY [kg/m3]
25 26 27 28
34 35 36 37
SALINITY [PSU]
DEPTH [dbars]

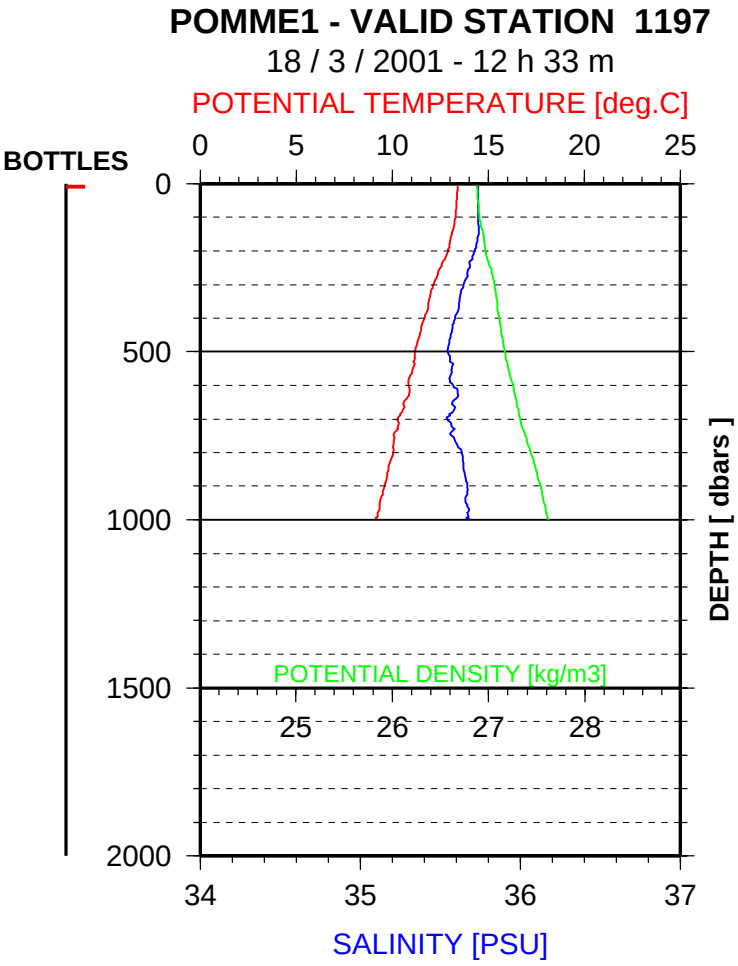

POMME1 - VALID STATION 1192
18 / 3 / 2001 - 2 h 53 m
POTENTIAL TEMPERATURE [deg.C]
BOTTLES
0 5 10 15 20 25
0
500
1000
1500
2000
POTENTIAL DENSITY [kg/m3]
25 26 27 28
34 35 36 37
SALINITY [PSU]

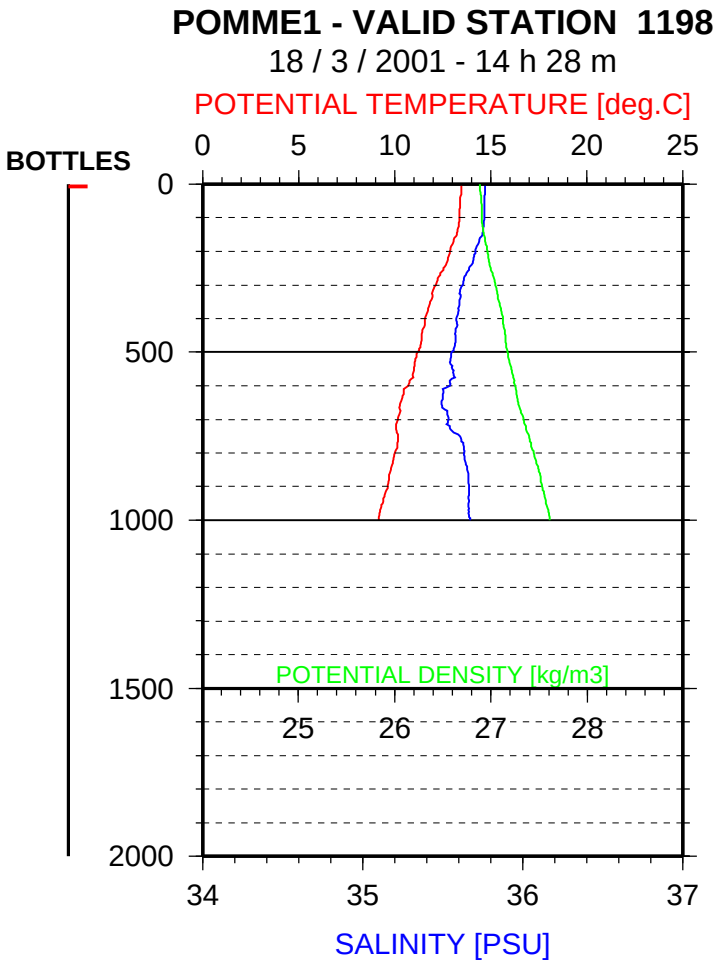

POMME1 - VALID STATION 1193
18 / 3 / 2001 - 4 h 48 m
POTENTIAL TEMPERATURE [deg.C]
BOTTLES
0 5 10 15 20 25
0
500
1000
1500
2000
POTENTIAL DENSITY [kg/m3]
25 26 27 28
34 35 36 37
SALINITY [PSU]
DEPTH [dbars]

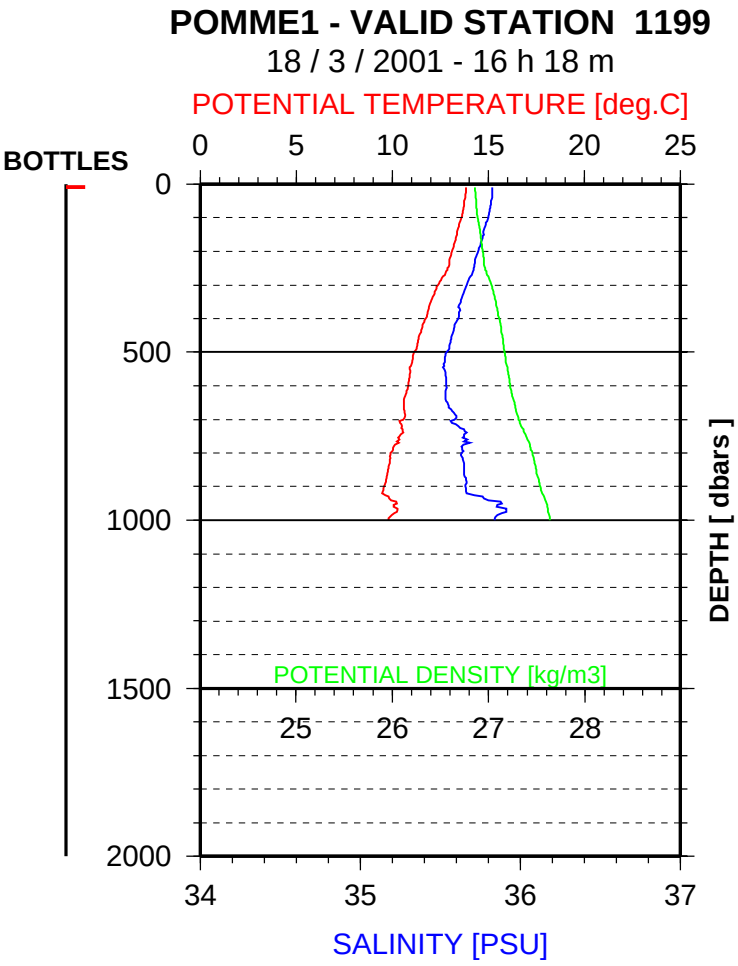

POMME1 - VALID STATION 1194
18 / 3 / 2001 - 6 h 48 m
POTENTIAL TEMPERATURE [deg.C]
BOTTLES
0 5 10 15 20 25
0
500
1000
1500
2000
POTENTIAL DENSITY [kg/m3]
25 26 27 28
34 35 36 37
SALINITY [PSU]

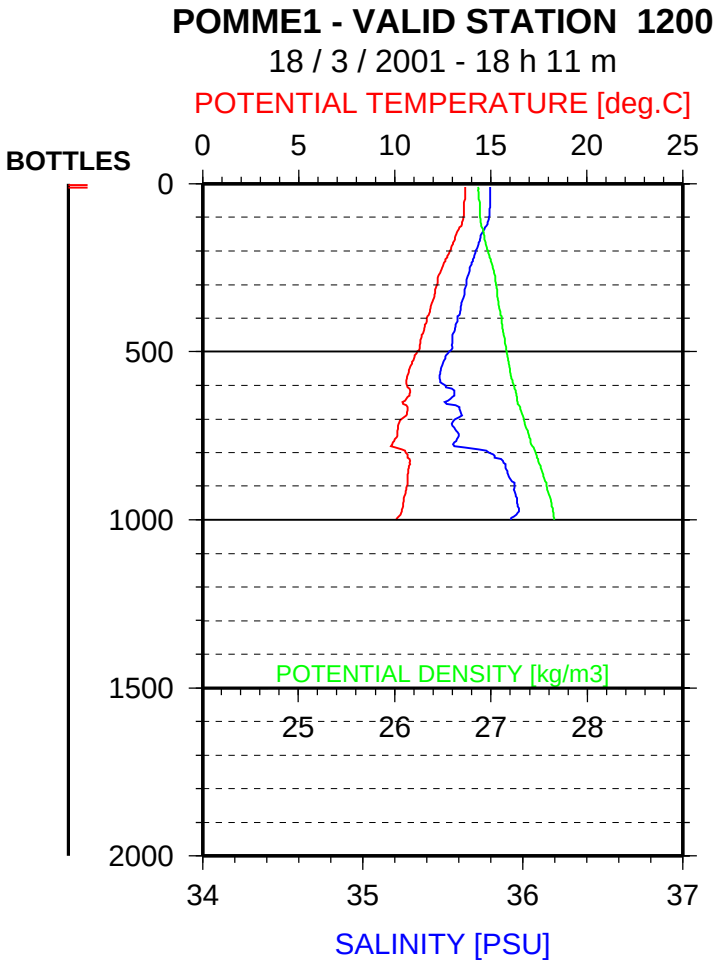

POMME1 - VALID STATION 1195
18 / 3 / 2001 - 8 h 41 m
POTENTIAL TEMPERATURE [deg.C]
BOTTLES
0 5 10 15 20 25
0
500
1000
1500
2000
POTENTIAL DENSITY [kg/m3]
25 26 27 28
34 35 36 37
SALINITY [PSU]
DEPTH [dbars]

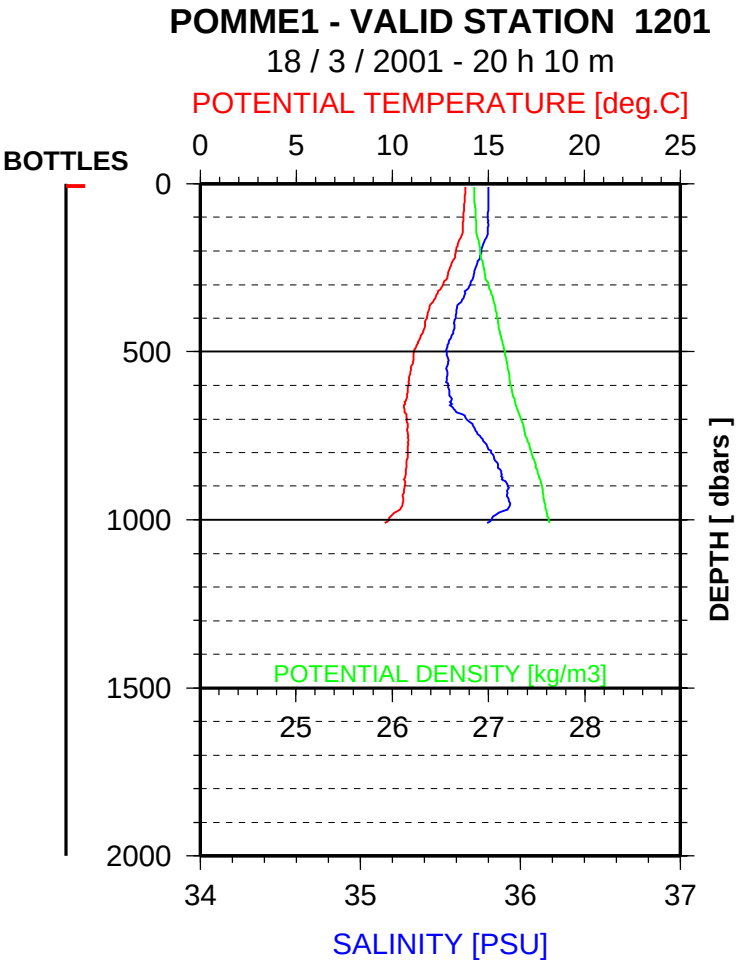

POMME1 - VALID STATION 1196
18 / 3 / 2001 - 10 h 35 m
POTENTIAL TEMPERATURE [deg.C]
BOTTLES
0 5 10 15 20 25
0
500
1000
1500
2000
POTENTIAL DENSITY [kg/m3]
25 26 27 28
34 35 36 37
SALINITY [PSU]


POMME1 - VALID STATION 1197
18 / 3 / 2001 - 12 h 33 m
POTENTIAL TEMPERATURE [deg.C]
BOTTLES
0 5 10 15 20 25
0
500
1000
1500
2000
POTENTIAL DENSITY [kg/m3]
25 26 27 28
34 35 36 37
SALINITY [PSU]
DEPTH [dbars]


POMME1 - VALID STATION 1198
18 / 3 / 2001 - 14 h 28 m
POTENTIAL TEMPERATURE [deg.C]
BOTTLES
0 5 10 15 20 25
0
500
1000
1500
2000
POTENTIAL DENSITY [kg/m3]
25 26 27 28
34 35 36 37
SALINITY [PSU]

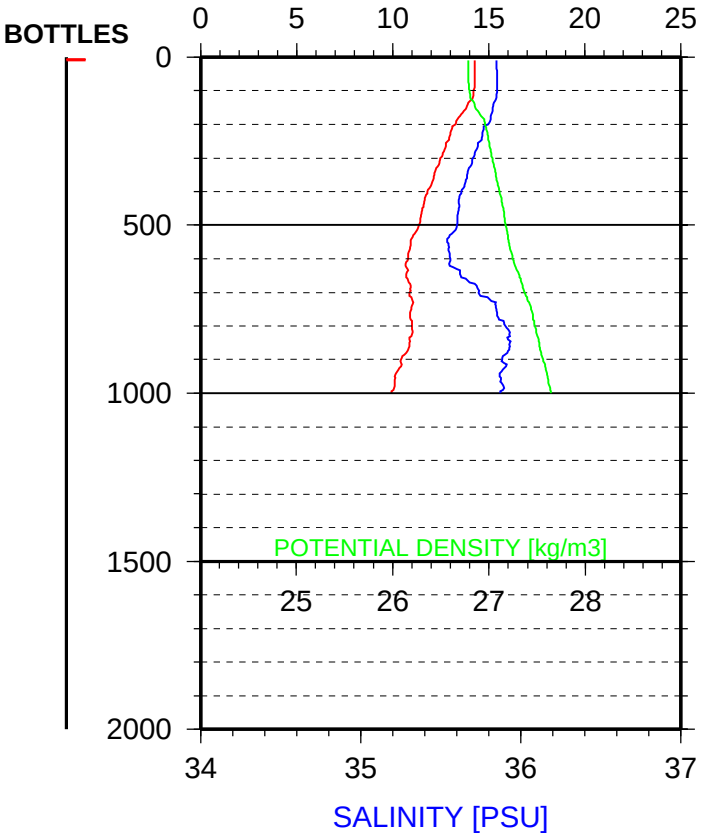

POMME1 - VALID STATION 1199
18 / 3 / 2001 - 16 h 18 m
POTENTIAL TEMPERATURE [deg.C]
BOTTLES
0 5 10 15 20 25
0
500
1000
1500
2000
POTENTIAL DENSITY [kg/m3]
25 26 27 28
34 35 36 37
SALINITY [PSU]
DEPTH [dbars]


POMME1 - VALID STATION 1200
18 / 3 / 2001 - 18 h 11 m
POTENTIAL TEMPERATURE [deg.C]
BOTTLES
0 5 10 15 20 25
0
500
1000
1500
2000
POTENTIAL DENSITY [kg/m3]
25 26 27 28
34 35 36 37
SALINITY [PSU]


POMME1 - VALID STATION 1201
18 / 3 / 2001 - 20 h 10 m
POTENTIAL TEMPERATURE [deg.C]
BOTTLES
0 5 10 15 20 25
0
500
1000
1500
2000
POTENTIAL DENSITY [kg/m3]
25 26 27 28
34 35 36 37
SALINITY [PSU]
DEPTH [dbars]

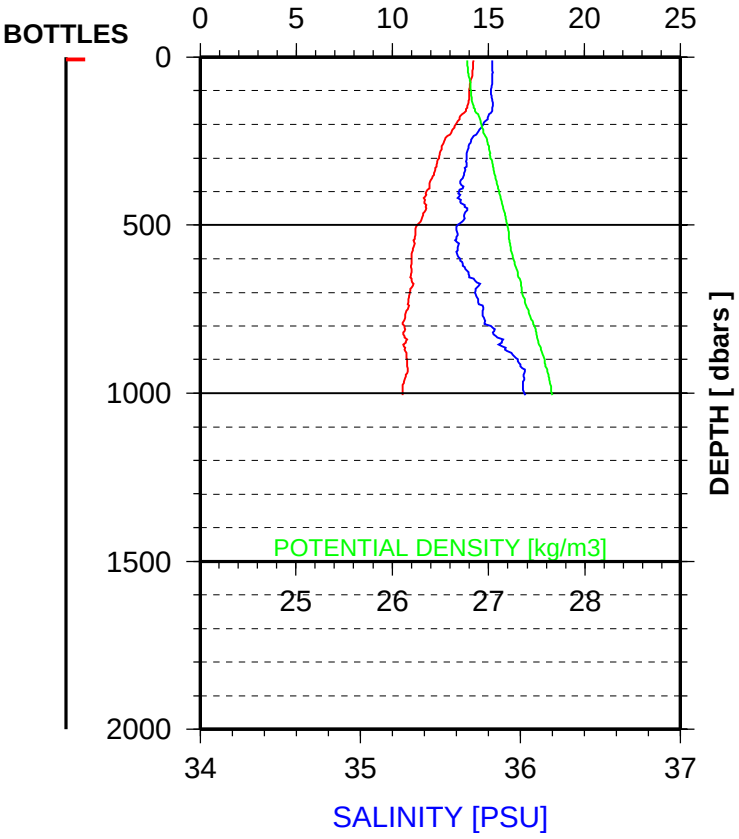
POMME1 - VALID STATION 1202

18 / 3 / 2001 - 22 h 2 m



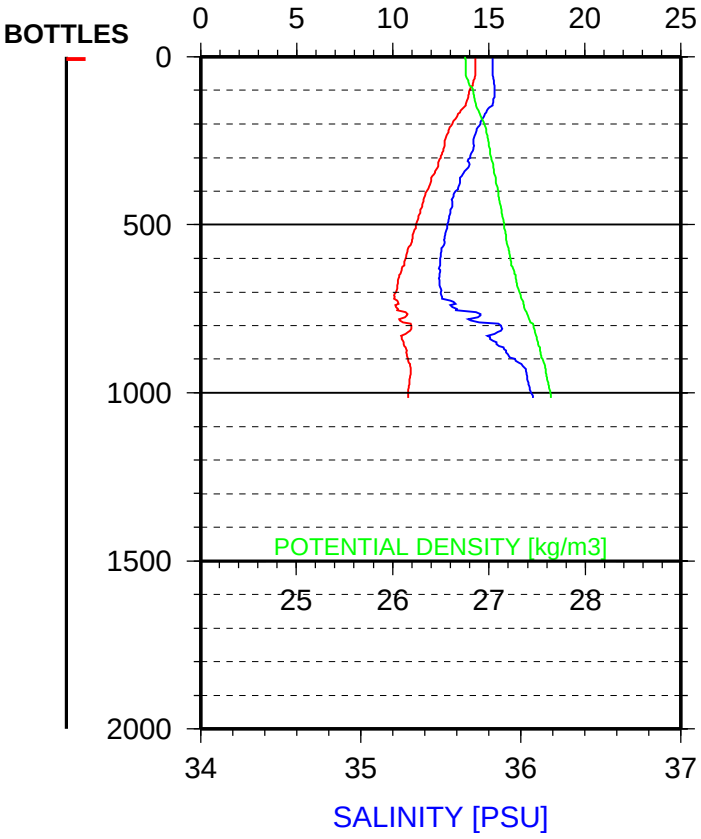
POMME1 - VALID STATION 1203

18 / 3 / 2001 - 23 h 56 m



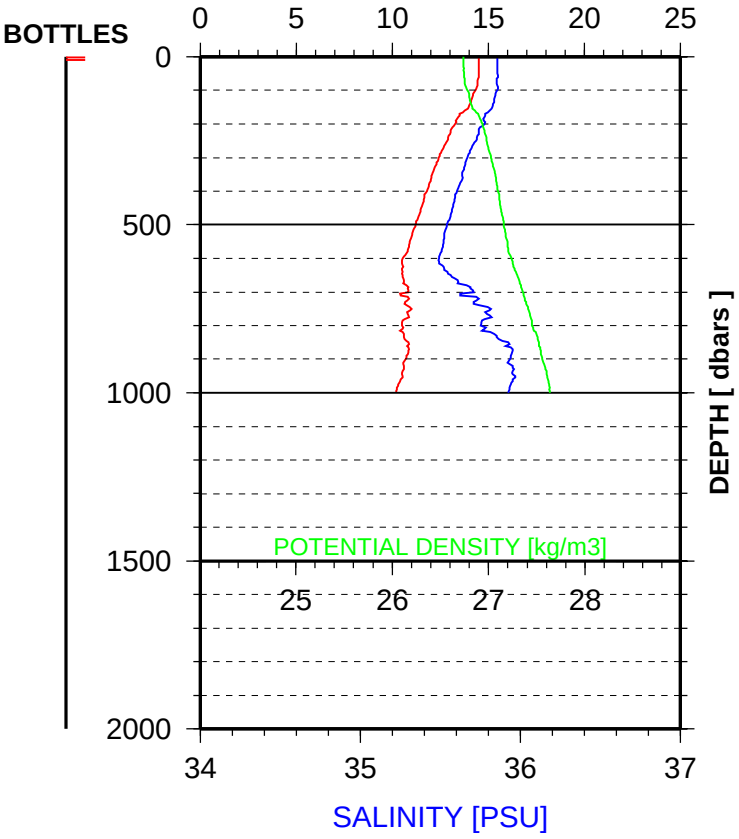
POMME1 - VALID STATION 1204

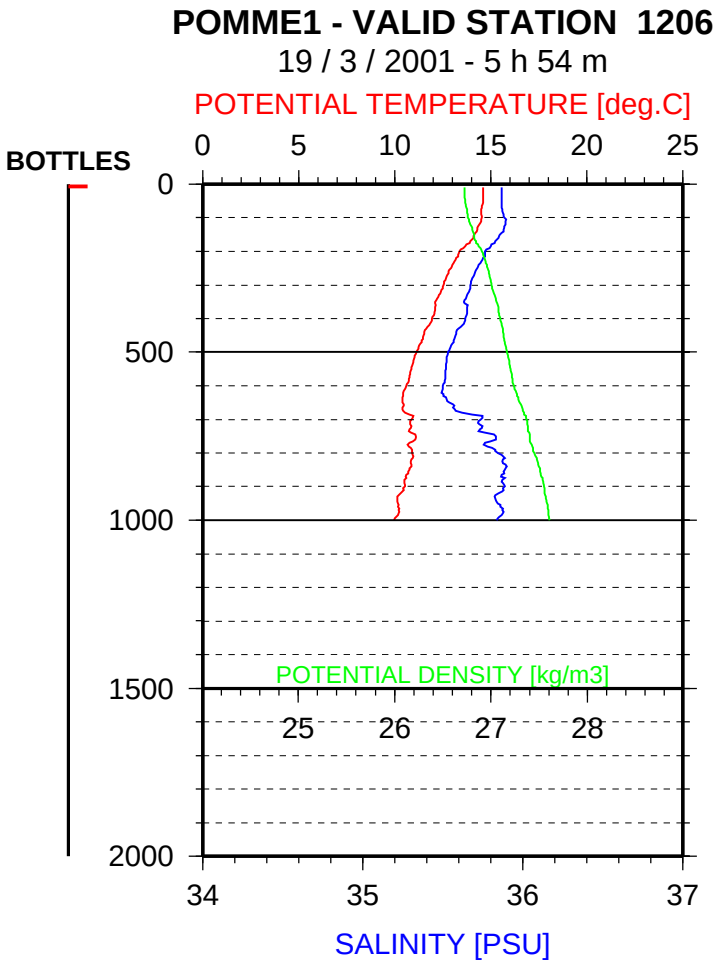
19 / 3 / 2001 - 1 h 57 m



POMME1 - VALID STATION 1205

19 / 3 / 2001 - 3 h 53 m




POMME1 - VALID STATION 1206
19 / 3 / 2001 - 5 h 54 m
POTENTIAL TEMPERATURE [deg.C]
BOTTLES
0
5
10
15
20
25
0
500
1000
1500
2000
POTENTIAL DENSITY [kg/m3]
25
26
27
28
34
35
36
37
SALINITY [PSU]