



CAMPAGNE POMME

Programme Océan Multidisciplinaire Méso Echelle



ATLAS POMME 2 et 3

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

L. PRIEUR – C. POCHO – J. RAUNET

Juillet 2005



CAMPAGNE POMME

Programme Océan Multidisciplinaire Méso Echelle



ATLAS POMME 2

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

L. PRIEUR – C. POCHO

Juillet 2005

POMME 2001

24 Mars – 12 Avril

Atalante

Pomme 2 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 2001

3 Fevrier - 8 Octobre

ATALANTE - THALASSA

CTD - VALID STATIONS **POMME 2** - POMME 3

POTENTIAL TEMPERATURE

SALINITY

POTENTIAL DENSITY

BOTTLES

L.PRIEUR - J.RAUNET

Laboratoire d'Océanographie - Observatoire Océanologique . BP 08 . 06230 VILLEFRANCHE SUR MER

POMME 2 - LEG1

24 Mars - 12 Avril 2001

ATALANTE

LISTING STATIONS

L.PRIEUR - J.RAUNET

asc2077	77	11/	4/	1	1	19.20046	W	39.29945	N	3h 12m	0s	3h 48m	0s	2004	5.0	2006.0	POMME2	LEG1	ATALANTE
asc2078	78	11/	4/	1	1	19.59903	W	39.29906	N	8h 42m	0s	9h 23m	0s	2003	3.0	2001.0	POMME2	LEG1	ATALANTE
asc2079	79	11/	4/	1	1	20.00055	W	39.00063	N	14h 31m	0s	15h 6m	0s	2003	4.0	2004.0	POMME2	LEG1	ATALANTE
asc2080	80	11/	4/	1	1	20.40158	W	39.30100	N	22h 23m	0s	23h 4m	0s	1999	5.0	2001.0	POMME2	LEG1	ATALANTE
asc2081	81	12/	4/	1	1	20.39989	W	39.00023	N	2h 45m	0s	4h 9m	0s	4915	3.0	4915.0	POMME2	LEG1	ATALANTE

POMME 2 - LEG1

24 Mars - 12 Avril 2001

ATALANTE

LISTING BOTTLES

L.PRIEUR - J.RAUNET

2027 || 2000 | 1500 | 1500 | 1000 | 1000 | 800 | 800 | 600 | 500 | 400 | 320 | 200 | 150 | 100 | 80 | 60 | 50 | 40 | 30 | 20 | 5 |
2027 || 2000 | 1506 | 1498 | 976 | 969 | 806 | 799 | 602 | 501 | 402 | 321 | 201 | 150 | 100 | 74 | 55 | 50 | 42 | 30 | 19 | 5 |

2028 || 2000 | 1500 | 1000 | 800 | 600 | 500 | 400 | 300 | 200 | 150 | 100 | 80 | 60 | 50 | 40 | 40 | 30 | 20 | 20 | 5 | 5 |
2028 || 1997 | 1496 | 1000 | 798 | 599 | 498 | 400 | 301 | 198 | 148 | 100 | 79 | 59 | 49 | 42 | 41 | 30 | 20 | 19 | 5 | 4 |

2029 || 2000 | 1500 | 1500 | 1000 | 1000 | 800 | 800 | 600 | 600 | 400 | 230 | 200 | 150 | 100 | 80 | 60 | 50 | 40 | 30 | 20 | 5 | 5 |
2029 || 2001 | 1506 | 1499 | 998 | 989 | 804 | 799 | 608 | 602 | 403 | 231 | 199 | 150 | 99 | 82 | 60 | 50 | 41 | 32 | 20 | 8 |

2030 || 2000 | 1500 | 1000 | 1000 | 1000 | 800 | 800 | 600 | 500 | 400 | 300 | 200 | 150 | 100 | 80 | 60 | 50 | 40 | 30 | 20 | 5 | 5 |
2030 || 1999 | 1497 | 999 | 992 | 989 | 801 | 802 | 598 | 499 | 398 | 297 | 199 | 148 | 101 | 82 | 60 | 46 | 40 | 28 | 16 | 5 | 5 |

2031 || 2000 | 1500 | 1500 | 1000 | 1000 | 800 | 800 | 600 | 500 | 400 | 300 | 200 | 150 | 100 | 80 | 60 | 50 | 40 | 30 | 20 | 5 | 5 |
2031 || 1998 | 1504 | 1498 | 1004 | 1002 | 803 | 800 | 600 | 500 | 399 | 299 | 201 | 153 | 101 | 80 | 61 | 49 | 41 | 30 | 21 | 4 | 4 |

2032 || 2000 | 1500 | 1000 | 800 | 600 | 500 | 400 | 300 | 200 | 150 | 100 | 80 | 60 | 50 | 40 | 40 | 30 | 20 | 20 | 5 | 5 |
2032 || 2000 | 1499 | 997 | 800 | 598 | 496 | 393 | 299 | 197 | 147 | 100 | 80 | 62 | 47 | 39 | 41 | 30 | 18 | 18 | 6 | 5 |

2033 || 2000 | 1500 | 1000 | 800 | 600 | 500 | 400 | 300 | 200 | 150 | 100 | 80 | 60 | 50 | 40 | 40 | 30 | 20 | 20 | 5 | 5 |
2033 || 2000 | 1496 | 998 | 800 | 599 | 501 | 403 | 302 | 200 | 151 | 101 | 81 | 59 | 51 | 41 | 39 | 30 | 21 | 18 | 5 | 3 |

2034 || 4600 | 4000 | 3500 | 3000 | 2500 | 2000 | 1500 | 1000 | 800 | 600 | 500 | 400 | 300 | 200 | 150 | 100 | 80 | 60 | 40 | 20 | 5 | 5 |
2034 || 4601 | 4005 | 3504 | 3002 | 2486 | 2000 | 1502 | 1002 | 802 | 602 | 502 | 402 | 301 | 201 | 149 | 98 | 80 | 61 | 40 | 22 | 7 | 7 |

2035 || 2000 | 1500 | 1500 | 1000 | 1000 | 800 | 800 | 600 | 500 | 400 | 300 | 200 | 150 | 100 | 80 | 60 | 50 | 40 | 30 | 20 | 5 | 5 |
2035 || 2001 | 1502 | 1500 | 1001 | 998 | 802 | 801 | 601 | 497 | 401 | 299 | 200 | 150 | 100 | 80 | 60 | 50 | 41 | 30 | 20 | 4 | 4 |

2036 || 2000 | 1500 | 1500 | 1000 | 1000 | 800 | 800 | 600 | 500 | 400 | 300 | 200 | 150 | 100 | 80 | 60 | 50 | 40 | 30 | 20 | 5 | 5 |
2036 || 1996 | 1506 | 1498 | 1003 | 998 | 804 | 797 | 600 | 499 | 401 | 302 | 200 | 151 | 100 | 83 | 62 | 50 | 40 | 31 | 20 | 7 | 7 |

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

2037 || 2000 | 1500 | 1000 | 800 | 600 | 500 | 400 | 320 | 200 | 150 | 100 | 80 | 60 | 50 | 40 | 40 | 30 | 20 | 20 | 5 | 5 |
2037 || 2000 | 1495 | 996 | 795 | 597 | 500 | 401 | 314 | 197 | 152 | 100 | 80 | 60 | 50 | 41 | 40 | 30 | 20 | 20 | 6 | 5 |

2038 || 5000 | 4000 | 3500 | 3000 | 2500 | 2000 | 1500 | 1000 | 800 | 600 | 500 | 400 | 230 | 200 | 150 | 100 | 80 | 60 | 40 | 20 | 5 | 5 |
2038 || 5001 | 4001 | 3502 | 2998 | 2501 | 1999 | 1501 | 1001 | 801 | 602 | 500 | 400 | 234 | 201 | 151 | 100 | 79 | 60 | 40 | 19 | 4 | 4 |

2039 || 2000 | 1500 | 1000 | 800 | 600 | 500 | 400 | 300 | 200 | 150 | 100 | 80 | 60 | 50 | 40 | 40 | 30 | 20 | 20 | 5 | 5 |
2039 || 2007 | 1500 | 1000 | 799 | 599 | 499 | 402 | 301 | 203 | 152 | 100 | 81 | 62 | 51 | 41 | 42 | 33 | 20 | 21 | 9 | 7 | 7 |

2040 || 2000 | 1500 | 1000 | 800 | 600 | 500 | 400 | 340 | 200 | 150 | 100 | 80 | 60 | 50 | 40 | 40 | 30 | 20 | 20 | 5 | 5 |
2040 || 2001 | 1502 | 1000 | 802 | 602 | 499 | 400 | 338 | 200 | 151 | 100 | 79 | 58 | 50 | 40 | 37 | 30 | 21 | 18 | 4 | 2 | 2 |

2041 || 2000 | 1500 | 1500 | 1000 | 1000 | 800 | 800 | 600 | 500 | 400 | 300 | 200 | 150 | 100 | 80 | 60 | 50 | 40 | 30 | 20 | 5 | 5 |
2041 || 1997 | 1505 | 1497 | 1003 | 997 | 804 | 797 | 600 | 499 | 399 | 300 | 199 | 150 | 100 | 81 | 59 | 50 | 39 | 30 | 20 | 6 | 6 |

2042 || 2000 | 1500 | 1500 | 1000 | 1000 | 800 | 800 | 600 | 500 | 400 | 300 | 200 | 150 | 100 | 80 | 60 | 50 | 40 | 30 | 20 | 5 | 5 |
2042 || 2001 | 1503 | 1503 | 1000 | 1000 | 801 | 800 | 598 | 499 | 399 | 299 | 198 | 148 | 101 | 79 | 60 | 50 | 40 | 30 | 20 | 5 | 5 |

2043 || 2000 | 1500 | 1500 | 1000 | 1000 | 800 | 800 | 600 | 500 | 400 | 300 | 200 | 150 | 100 | 80 | 60 | 50 | 40 | 30 | 20 | 5 | 5 |
2043 || 2000 | 1499 | 1491 | 1003 | 995 | 802 | 795 | 599 | 498 | 399 | 298 | 201 | 149 | 100 | 79 | 60 | 51 | 40 | 29 | 21 | 5 | 5 |

2044 || 2000 | 1500 | 1000 | 800 | 600 | 500 | 400 | 340 | 300 | 200 | 150 | 80 | 60 | 50 | 40 | 40 | 30 | 20 | 20 | 5 | 5 |
2044 || 2000 | 1499 | 998 | 797 | 598 | 500 | 399 | 339 | 298 | 199 | 148 | 80 | 59 | 49 | 39 | 39 | 30 | 21 | 20 | 5 | 4 | 4 |

2045 || 2000 | 1500 | 1500 | 1000 | 1000 | 800 | 800 | 600 | 500 | 400 | 280 | 200 | 150 | 100 | 80 | 60 | 50 | 40 | 30 | 20 | 5 | 5 |
2045 || 2002 | 1502 | 1497 | 1004 | 1000 | 802 | 800 | 601 | 502 | 399 | 279 | 200 | 149 | 100 | 79 | 61 | 49 | 41 | 31 | 19 | 4 | 4 |

2046 || 3100 | 3100 | 3000 | 3000 | 2500 | 2000 | 1500 | 1000 | 800 | 600 | 500 | 400 | 300 | 200 | 150 | 100 | 80 | 60 | 40 | 20 | 5 | 5 |
2046 || 3100 | 3100 | 3001 | 3001 | 2498 | 1999 | 1497 | 999 | 795 | 598 | 499 | 398 | 297 | 197 | 148 | 102 | 79 | 59 | 39 | 19 | 5 | 5 |

2047 || 2000 | 1500 | 1500 | 1000 | 1000 | 800 | 800 | 600 | 500 | 400 | 300 | 200 | 150 | 100 | 80 | 60 | 50 | 40 | 30 | 20 | 5 | 5 |
2047 || 2000 | 1500 | 1498 | 1003 | 999 | 802 | 799 | 600 | 500 | 400 | 300 | 199 | 149 | 101 | 79 | 60 | 49 | 41 | 30 | 20 | 4 | 4 |

2048 || 2000 | 1500 | 1500 | 1000 | 1000 | 800 | 800 | 600 | 500 | 400 | 300 | 200 | 150 | 100 | 80 | 60 | 50 | 40 | 30 | 20 | 5 | 5 |
2048 || 2000 | 1498 | 1492 | 1005 | 998 | 802 | 795 | 582 | 501 | 401 | 299 | 201 | 148 | 100 | 80 | 60 | 50 | 39 | 29 | 19 | 6 | 6 |

2049 || 2000 | 1500 | 1000 | 800 | 600 | 500 | 400 | 300 | 200 | 150 | 100 | 80 | 60 | 50 | 40 | 40 | 30 | 20 | 20 | 5 | 5 |
2049 || 1999 | 1494 | 993 | 799 | 599 | 499 | 398 | 298 | 198 | 148 | 101 | 79 | 60 | 50 | 41 | 41 | 30 | 21 | 20 | 5 | 5 | 5 |

2050 || 2000 | 1500 | 1500 | 1000 | 1000 | 800 | 800 | 600 | 500 | 400 | 200 | 180 | 150 | 100 | 80 | 60 | 50 | 40 | 30 | 20 | 5 | 5 |
2050 || 2000 | 1502 | 1500 | 1002 | 998 | 802 | 799 | 600 | 500 | 400 | 199 | 180 | 150 | 100 | 79 | 59 | 50 | 40 | 30 | 20 | 5 | 5 |

2051 || 2000 | 1500 | 1500 | 1000 | 1000 | 800 | 800 | 600 | 500 | 400 | 300 | 200 | 150 | 100 | 80 | 60 | 50 | 40 | 30 | 20 | 5 | 5 |
2051 || 2000 | 1501 | 1501 | 1001 | 1001 | 801 | 801 | 597 | 499 | 399 | 298 | 197 | 148 | 99 | 80 | 60 | 48 | 41 | 30 | 19 | 4 | 4 |

2052 || 2000 | 1500 | 1500 | 1000 | 1000 | 800 | 800 | 600 | 500 | 400 | 300 | 200 | 150 | 100 | 80 | 60 | 50 | 40 | 30 | 20 | 5 | 5 |
2052 || 2002 | 1502 | 1499 | 1001 | 998 | 801 | 798 | 601 | 501 | 400 | 301 | 200 | 150 | 101 | 80 | 60 | 51 | 40 | 30 | 19 | 6 | 6 |

2053 || 2000 | 1500 | 1500 | 1000 | 1000 | 800 | 800 | 600 | 500 | 400 | 300 | 200 | 150 | 100 | 80 | 60 | 50 | 40 | 30 | 20 | 5 | 5 |
2053 || 2002 | 1503 | 1497 | 1004 | 997 | 803 | 796 | 602 | 502 | 402 | 300 | 200 | 150 | 101 | 79 | 60 | 50 | 39 | 32 | 21 | 5 | 5 |

2054 || 2000 | 1500 | 1000 | 800 | 600 | 500 | 400 | 300 | 200 | 150 | 100 | 80 | 60 | 50 | 40 | 40 | 30 | 20 | 20 | 5 | 5 |
2054 || 1999 | 1499 | 998 | 797 | 597 | 497 | 397 | 297 | 197 | 147 | 101 | 79 | 59 | 50 | 40 | 39 | 30 | 20 | 20 | 5 | 5 |

2055 || 2000 | 1500 | 1500 | 1000 | 1000 | 800 | 800 | 600 | 500 | 400 | 300 | 200 | 150 | 100 | 80 | 60 | 50 | 40 | 30 | 20 | 5 | 5 |
2055 || 2001 | 1503 | 1500 | 1001 | 999 | 804 | 800 | 601 | 500 | 400 | 299 | 201 | 149 | 100 | 80 | 60 | 49 | 40 | 30 | 20 | 4 | 4 |

2056 || 2000 | 1500 | 1500 | 1000 | 1000 | 800 | 800 | 600 | 500 | 400 | 300 | 200 | 150 | 100 | 80 | 60 | 50 | 40 | 30 | 20 | 5 | 5 |
2056 || 2001 | 1502 | 1501 | 1000 | 1000 | 799 | 799 | 597 | 499 | 399 | 299 | 199 | 130 | 101 | 78 | 58 | 48 | 39 | 29 | 19 | 4 | 4 |

NST	1	2	3	4	5	6	7	8	9	10	11	12	13	17	18	19	20	21	22	23	24
2057	2000	1500	1500	1000	1000	800	800	600	500	400	300	200	150	100	80	60	50	40	30	20	5
2057	2001	1503	1500	1003	999	802	799	600	500	400	300	201	151	101	80	59	50	39	30	19	5
2058	2000	1500	1000	800	600	500	400	300	200	150	100	80	60	50	40	40	30	20	20	5	5
2058	2002	1502	1002	802	602	503	402	302	202	151	100	80	60	50	40	40	31	19	20	5	5
2059	2000	1500	1000	800	600	500	400	300	200	150	100	80	60	50	40	40	30	20	20	5	5
2059	1999	1500	999	799	599	501	402	299	201	149	101	80	58	49	40	37	30	22	19	6	3
2060	2000	1500	1500	1000	1000	800	800	600	500	375	300	200	150	100	80	60	50	40	30	20	5
2060	2001	1503	1494	1002	999	808	800	600	499	374	300	202	150	101	80	61	49	41	30	20	6
2061	2000	1500	1500	1000	1000	800	800	600	500	400	300	200	150	100	60	50	40	30	20	5	5
2061	1998	1500	1502	1001	1000	799	800	598	497	399	298	198	148	100	58	48	38	29	18	5	5
2062	2000	1500	1500	1000	1000	800	800	600	500	400	235	200	150	100	80	60	50	40	30	20	5
2062	2001	1503	1496	1003	996	801	795	601	501	400	233	202	144	99	79	59	50	39	30	22	6
2063	2000	1500	1000	800	600	500	400	300	200	150	100	80	60	50	40	40	30	20	20	5	5
2063	2001	1499	1001	797	598	496	398	297	195	148	101	79	58	49	39	37	31	20	20	5	5
2064	2000	1500	1000	800	600	500	400	300	200	150	100	80	60	50	40	40	30	20	20	5	5
2064	1998	1500	1000	798	601	502	401	302	201	151	100	80	59	50	41	38	29	22	19	7	4
2065	2000	1500	1500	1000	1000	800	800	600	500	400	300	200	150	100	80	60	50	40	30	20	5
2065	2002	1504	1497	1004	996	804	797	580	503	402	300	201	151	100	81	60	52	41	31	22	7
2066	2000	1500	1500	1000	1000	800	800	600	500	400	300	200	150	100	80	60	50	40	30	20	5
2066	2001	1502	1499	1000	998	801	798	600	501	400	300	200	148	100	79	59	50	40	30	21	5
2067	2000	1500	1500	1000	1000	800	800	600	500	400	300	200	150	100	80	60	50	40	30	20	5
2067	2002	1502	1495	1002	995	803	796	592	500	399	301	201	150	101	81	60	50	39	30	20	5
2068	2000	1500	1000	800	600	500	400	240	200	150	100	80	60	50	40	40	30	20	20	5	5
2068	1996	1499	999	798	597	498	398	238	199	148	102	80	59	49	39	40	29	20	20	5	5
2069	2000	1500	1500	1000	1000	800	800	600	500	400	260	200	150	100	80	60	50	40	30	20	5
2069	2001	1501	1498	1004	1001	801	799	599	499	400	261	200	148	100	80	60	51	39	29	20	4
2070	2000	1500	1500	1000	1000	800	800	600	500	400	300	200	150	100	80	60	50	40	30	20	5
2070	2005	1502	1497	1003	985	804	798	602	500	401	302	202	148	100	80	60	50	40	30	20	6
2071	4600	4000	3500	3000	2500	2000	1500	1000	800	600	500	400	300	200	150	100	80	60	40	20	5
2071	4602	4000	3501	2999	2499	2000	1501	1001	800	600	501	401	301	201	148	102	79	60	38	20	4
2072	2000	1500	1000	800	600	500	400	300	200	150	100	80	60	50	40	40	30	20	20	5	5
2072	2000	1498	999	799	598	498	395	299	195	149	100	79	59	50	40	40	28	19	19	4	4
2073	2000	1500	1000	800	600	500	400	300	200	150	100	80	60	50	40	40	30	20	20	5	5
2073	2001	1500	1001	800	600	502	399	301	201	151	100	79	59	50	43	39	29	23	19	6	3
2074	2000	1500	1500	1000	1000	800	800	600	500	400	300	200	150	100	80	60	50	40	30	20	5
2074	2003	1504	1494	1004	996	804	798	600	500	402	302	201	151	100	80	60	50	40	31	20	6
2075	2000	1500	1500	1000	1000	800	800	600	500	400	240	200	150	100	80	60	50	40	30	20	5
2075	2000	1501	1500	1000	1000	801	802	599	498	398	236	199	147	100	78	59	49	38	29	20	5
2076	4900	4000	3500	3000	2500	2000	1500	1000	800	600	500	400	300	200	150	100	80	60	40	20	5
2076	4901	3998	3501	3000	2501	2001	1502	1002	801	603	502	403	301	201	149	100	79	60	39	21	6
NST	1	2	3	4	5	6	7	8	9	10	11	12	13	17	18	19	20	21	22	23	24
2077	2000	1500	1000	800	600	500	400	280	200	150	100	80	60	50	40	40	30	20	20	5	5
2077	2000	1500	1000	800	600	501	400	280	199	150	100	80	60	49	42	39	29	22	19	7	5
2078	2000	1500	1500	1000	1000	800	800	600	500	400	300	200	150	100	80	60	50	40	30	20	5
2078	2001	1504	1497	1003	996	804	797	601	501	401	302	200	149	101	80	60	49	40	29	19	6
2079	2000	1500	1500	1000	1000	800	800	600	500	400	300	200	150	100	80	60	50	40	30	20	5
2079	1998	1499	1500	1000	1000	800	800	599	498	396	298	201	146	100	78	60	50	39	29	19	4
2080	2000	1500	1000	800	600	500	400	300	200	150	100	80	60	50	40	40	30	20	20	5	5
2080	2000	1501	1002	801	602	502	401	300	201	151	101	80	60	49	40	40	30	20	20	6	5
2081	4900	4000	3500	3000	2500	2000	1500	1000	800	600	500	400	240	200	150	100	80	60	40	20	5
2081	4899	4000	3501	2999	2501	2002	1501	1001	800	600	500	400	239	201	149	101	79	60	39	19	5

POMME 2001

24 Mars – 12 Avril

Atalante

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

Pomme 2 Leg 1

L. PRIEUR – C. POCHO
Juillet 2005

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 prélèvements 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 : Colloïdes

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 Oxygène

		TOC	TOC	TOC	TOCBP	TOCBP	TOC	TOCBP	TOCBP	TOCBP	TOCBP	TOCBP	TOCBP	TCBP	TCBP				TCBP		TCBP		

	2024		2002		1501		1498		1002		998		803		799		602		498		400		280
	Jour		HIAC		HIAC		HIAC		HIAC		HIAC		HIAC		HIAC		HIAC		HIAC		HIAC		HIAC

	2025		2003		1505		1498		1005		998		806		798		601		501		400		301
	Jour		HIAC		HIAC		HIAC		HIAC		HIAC		HIAC		HIAC		HIAC		HIAC		HIAC		HIAC
			TOC		TOC		TOC		TOC		TOCBP		TOCBP		TOC		TOCBP		TOCBP		TOC		TOCBP
			CO2		CO2		CO2		CO2		CO2		CO2		CO2		CO2		CO2		CO2		CO2

	2026		2001		1501		1498		1001		998		803		800		601		500		400		300
	Jour		HIAC		HIAC		HIAC		HIAC		HIAC		HIAC		HIAC		HIAC		HIAC		HIAC		HIAC
			TOC		TOC		TOC		TOC		TOC		TOC		TOC		TOC		TOC		TOC		TOC

	2027		2000		1506		1498		976		969		806		799		602		501		402		321
	Jour		HIAC		HIAC		HIAC		HIAC		HIAC		HIAC		HIAC		HIAC		HIAC		HIAC		HIAC
			TOC		TOC		TOC		TOC		TOCBP		TOCBP		TOC		TOCBP		TOCBP		TOC		TOCBP

	2028		1997		1496		1000		798		599		498		400		301		198		148		100
	Nuit		HIAC		HIAC		HIAC		HIAC		HIAC		HIAC		HIAC		HIAC		HIAC		HIAC		HIAC
			TOC		TOC		TOC		TOCBP		TOCBP		TOC		TOCBP		TOCBP		TOC		TOCBP		TOCBP
			CO2		CO2		CO2		CO2		CO2		CO2		CO2		CO2		CO2		CO2		CO2

	2029		2001		1506		1499		998		989		804		799		608		602		403		231
	Jour		HIAC		HIAC		HIAC		HIAC		HIAC		HIAC		HIAC		HIAC		HIAC		HIAC		HIAC

	2030		1999		1497		999		992		989		801		802		598		499		398		297
	Jour		HIAC		HIAC		HIAC		HIAC		HIAC		HIAC		HIAC		HIAC		HIAC		HIAC		HIAC
			TOC		TOC		TOC		TOC		TOCBP		TOCBP		TOC		TOCBP		TOCBP		TOC		TOCBP

	2031		1998		1504		1498		1004		1002		803		800		600		500		399		299
	Jour		HIAC		HIAC		HIAC		HIAC		HIAC		HIAC		HIAC		HIAC		HIAC		HIAC		HIAC
			TOC		TOC		TOC		TOC		TOC		TOC		TOC		TOC		TOC		TOC		TOC
			CO2		CO2		CO2		CO2		CO2		CO2		CO2		CO2		CO2		CO2		CO2

	2032		2000		1499		997		800		598		496		393		299		197		147		100
	Nuit		HIAC		HIAC		HIAC		HIAC		HIAC		HIAC		HIAC		HIAC		HIAC		HIAC		HIAC
			TOC		TOC		TOC		TOCBP		TOCBP		TOC		TOCBP		TOCBP		TOC		TOCBP		TOCBP


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| 2041 || 1997 | 1505 | 1497 |1003 | 997 | 804 | 797 | 600 | 499 | 399 | 300 |199 |150 |100 | 81 | 59 | 50 | 39 | 30 | 20 | 6 | | | | | | |
| Jour || HIAC | HIAC | HIAC |HIAC |HIAC |HIAC |HIAC |HIAC |HIAC |HIAC |HIAC |HIAC |HIAC |HIAC |HIAC |HIAC |HIAC |HIAC |HIAC |HIAC |HIAC |
| || TOC | TOC | TOC |TOC | | | | | | | | | | | | | | | | | | | | | | | |
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| *****
| 2042 || 2001 | 1503 | 1503 |1000 |1000 | 801 | 800 | 598 | 499 | 399 | 299 |198 |148 |101 | 79 | 60 | 50 | 40 | 30 | 20 | 5 | | | | | | |
| Jour || HIAC | HIAC | HIAC |HIAC |HIAC |HIAC |HIAC |HIAC |HIAC |HIAC |HIAC |HIAC |HIAC |HIAC |HIAC |HIAC |HIAC |HIAC |HIAC |HIAC |HIAC |
| || TOC | TOC | TOC |TOC | | | | | | | | | | | | | | | | | | | | | | |
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| *****
| 2043 || 2000 | 1499 | 1491 |1003 | 995 | 802 | 795 | 599 | 498 | 399 | 298 |201 |149 |100 | 79 | 60 | 51 | 40 | 29 | 21 | 5 | | | | | | |
| Jour || HIAC | HIAC | HIAC |HIAC |HIAC |HIAC |HIAC |HIAC |HIAC |HIAC |HIAC |HIAC |HIAC |HIAC |HIAC |HIAC |HIAC |HIAC |HIAC |HIAC |HIAC |
| || CO2 | CO2 | CO2 |CO2 |CO2 |CO2 |CO2 |CO2 |CO2 |CO2 |CO2 |CO2 |CO2 |CO2 |CO2 | | | | | | | | | | |
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| *****
| 2044 || 2000 | 1499 | 998 | 797 | 598 | 500 | 399 | 339 | 298 | 199 | 148 | 80 | 59 | 49 | 39 | 39 | 30 | 21 | 20 | 5 | 4 | | | | | | | |
| Nuit || HIAC | HIAC | HIAC |HIAC |HIAC |HIAC |HIAC |HIAC |HIAC |HIAC |HIAC |HIAC |HIAC |HIAC |HIAC |HIAC |HIAC |HIAC |HIAC |HIAC |HIAC |
| || TOC | TOC | TOC |TOCBP|TOCBP|TOC | | | | | | | | | | | | | | | | | | | | | | |
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| 2045 || 2002 | 1502 | 1497 |1004 |1000 | 802 | 800 | 601 | 502 | 399 | 279 |200 |149 |100 | 79 | 61 | 49 | 41 | 31 | 19 | 4 |
| Jour || | | | | | | | | | | | | | | | | | | | | | | | | | | |
| *****
| 2046 || 3100 | 3100 | 3001 |3001 |2498 |1999 |1497 | 999 | 795 | 598 | 499 |398 |297 |197 |148 |102 | 79 | 59 | 39 | 19 | 5 | | | | | | |
| Jour || HIAC | | | |HIAC | | | |HIAC |HIAC |HIAC | | | |HIAC |HIAC | | | |HIAC | | | |HIAC |
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| *****
| 2047 || 2000 | 1500 | 1498 |1003 | 999 | 802 | 799 | 600 | 500 | 400 | 300 |199 |149 |101 | 79 | 60 | 49 | 41 | 30 | 20 | 4 | | | | | | |
| Jour || HIAC | HIAC | HIAC |HIAC |HIAC |HIAC |HIAC |HIAC |HIAC |HIAC |HIAC |HIAC |HIAC |HIAC |HIAC |HIAC |HIAC |HIAC |HIAC |HIAC |HIAC |
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| *****
| 2048 || 2000 | 1498 | 1492 |1005 | 998 | 802 | 795 | 582 | 501 | 401 | 299 |201 |148 |100 | 80 | 60 | 50 | 39 | 29 | 19 | 6 | | | | | | |
| Jour || HIAC | HIAC | HIAC |HIAC |HIAC |HIAC |HIAC |HIAC |HIAC |HIAC |HIAC |HIAC |HIAC |HIAC |HIAC |HIAC |HIAC |HIAC |HIAC |HIAC |HIAC |
| || TOC | TOC | TOC |TOC | | | | | | | | | | | | | | | | | | | | | | |
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| *****
| 2049 || 1999 | 1494 | 993 | 799 | 599 | 499 | 398 | 298 | 198 | 148 | 101 | 79 | 60 | 50 | 41 | 41 | 30 | 21 | 20 | 5 | 5 | | | | | | |
| Nuit || HIAC | HIAC | HIAC |HIAC |HIAC |HIAC |HIAC |HIAC |HIAC |HIAC |HIAC |HIAC |HIAC |HIAC |HIAC |HIAC |HIAC |HIAC |HIAC |HIAC |HIAC |
| || | | | | | | | | | | | | | | | | | | | | | | | | | | |
| *****
| 2050 || 2000 | 1502 | 1500 |1002 | 998 | 802 | 799 | 600 | 500 | 400 | 199 |180 |150 |100 | 79 | 59 | 50 | 40 | 30 | 20 | 5 | | | | | | |
| Jour || HIAC | HIAC | HIAC |HIAC |HIAC |HIAC |HIAC |HIAC |HIAC |HIAC |HIAC |HIAC |HIAC |HIAC |HIAC |HIAC |HIAC |HIAC |HIAC |HIAC |HIAC |
| || | | | | | | | | | | | | | | | | | | | | | | | | | | |
| *****
| 2051 || 2000 | 1501 | 1501 |1001 |1001 | 801 | 801 | 597 | 499 | 399 | 298 |197 |148 | 99 | 80 | 60 | 48 | 41 | 30 | 19 | 4 |

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| 2061 || 1998 | 1500 | 1502 |1001 |1000 | 799 | 800 | 598 | 497 | 399 | 298 |198 |148 |100 | 58 | 48 | 38 | 29 | 18 | 5 | 5 | | | | | | | |
| Jour || HIAC | HIAC | HIAC |HIAC |HIAC |HIAC |HIAC |HIAC |HIAC |HIAC |HIAC |HIAC |HIAC |HIAC |HIAC |HIAC |HIAC |HIAC |HIAC |HIAC |HIAC |HIAC |
| || | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|*****
| 2062 || 2001 | 1503 | 1496 |1003 | 996 | 801 | 795 | 601 | 501 | 400 | 233 |202 |144 | 99 | 79 | 59 | 50 | 39 | 30 | 22 | 6 | | | | | | | |
| Jour || HIAC | HIAC | HIAC |HIAC |HIAC |HIAC |HIAC |HIAC |HIAC |HIAC |HIAC |HIAC |HIAC |HIAC |HIAC |HIAC |HIAC |HIAC |HIAC |HIAC |HIAC |HIAC |
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|*****
| 2063 || 2001 | 1499 | 1001 | 797 | 598 | 496 | 398 | 297 | 195 | 148 | 101 | 79 | 58 | 49 | 39 | 37 | 31 | 20 | 20 | 5 | 5 | | | | | | | |
| Nuit || HIAC | HIAC | HIAC |HIAC |HIAC |HIAC |HIAC |HIAC |HIAC |HIAC |HIAC |HIAC |HIAC |HIAC |HIAC |HIAC |HIAC |HIAC |HIAC |HIAC |HIAC |HIAC |
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|*****
| 2064 || 1998 | 1500 | 1000 | 798 | 601 | 502 | 401 | 302 | 201 | 151 | 100 | 80 | 59 | 50 | 41 | 38 | 29 | 22 | 19 | 7 | 4 | | | | | | | |
| Nuit || HIAC | HIAC | HIAC |HIAC |HIAC |HIAC |HIAC |HIAC |HIAC |HIAC |HIAC |HIAC |HIAC |HIAC |HIAC |HIAC |HIAC |HIAC |HIAC |HIAC |HIAC |HIAC |
| || TOC | TOC | TOC |TOCBP|TOCBP|TOC | |TOCBP|TOCBP|TOCBP|TOCBP|TOCBP|TOCBP|TCBP|TCBP| | | | | | | | | | | | |
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|*****
| 2065 || 2002 | 1504 | 1497 |1004 | 996 | 804 | 797 | 580 | 503 | 402 | 300 |201 |151 |100 | 81 | 60 | 52 | 41 | 31 | 22 | 7 | | | | | | | | | | | |
| Jour || HIAC | HIAC | HIAC |HIAC |HIAC |HIAC |HIAC |HIAC |HIAC |HIAC |HIAC |HIAC |HIAC |HIAC |HIAC |HIAC |HIAC |HIAC |HIAC |HIAC |HIAC |HIAC |
| || TOC | TOC | TOC |TOC | | |TOCBP| | |TOCBP|TOC | |TOCBP|TOCBP|TCBP|TCBP|TCBP|TCBP|TCBP|TCBP| | | | | | | | | | | | |
| || | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|*****
| 2066 || 2001 | 1502 | 1499 |1000 | 998 | 801 | 798 | 600 | 501 | 400 | 300 |200 |148 |100 | 79 | 59 | 50 | 40 | 30 | 21 | 5 | | | | | | | | | | | |
| Jour || HIAC | HIAC | HIAC |HIAC |HIAC |HIAC |HIAC |HIAC |HIAC |HIAC |HIAC |HIAC |HIAC |HIAC |HIAC |HIAC |HIAC |HIAC |HIAC |HIAC |HIAC |HIAC |
| || TOC | TOC | TOC |TOC | | |TOCBP| | |TOCBP|TOC | |TOCBP|TOCBP|TCBP|TCBP|TCBP|TCBP|TCBP|TCBP| | | | | | | | | | | | |
| || | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|*****
| 2067 || 2002 | 1502 | 1495 |1002 | 995 | 803 | 796 | 592 | 500 | 399 | 301 |201 |150 |101 | 81 | 60 | 50 | 39 | 30 | 20 | 5 | | | | | | | | | | | |
| JOUR || HIAC | HIAC | HIAC |HIAC |HIAC |HIAC |HIAC |HIAC |HIAC |HIAC |HIAC |HIAC |HIAC |HIAC |HIAC |HIAC |HIAC |HIAC |HIAC |HIAC |HIAC |HIAC |
| || TOC | TOC | TOC |TOC | | |TOCBP| | |TOCBP|TOC | |TOCBP|TOCBP|TCBP|TCBP|TCBP|TCBP|TCBP|TCBP| | | | | | | | | | | | |
| || | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| || CO2 | CO2 | CO2 |CO2 |CO2 |CO2 |CO2 |CO2 |CO2 |CO2 |CO2 |CO2 |CO2 |CO2 |CO2 | | | | | | | | | | | |
| || | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|*****
| 2068 || 1996 | 1499 | 999 | 798 | 597 | 498 | 398 | 238 | 199 | 148 | 102 | 80 | 59 | 49 | 39 | 40 | 29 | 20 | 20 | 5 | 5 | | | | | | | |
| Nuit || HIAC | HIAC | HIAC |HIAC |HIAC |HIAC |HIAC |HIAC |HIAC |HIAC |HIAC |HIAC |HIAC |HIAC |HIAC |HIAC |HIAC |HIAC |HIAC |HIAC |HIAC |HIAC |
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|*****
| 2069 || 2001 | 1501 | 1498 |1004 |1001 | 801 | 799 | 599 | 499 | 400 | 261 |200 |148 |100 | 80 | 60 | 51 | 39 | 29 | 20 | 4 | | | | | | | |
| Jour || HIAC | HIAC | HIAC |HIAC |HIAC |HIAC |HIAC |HIAC |HIAC |HIAC |HIAC |HIAC |HIAC |HIAC |HIAC |HIAC |HIAC |HIAC |HIAC |HIAC |HIAC |HIAC |
| || | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| || | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|*****
| 2070 || 2005 | 1502 | 1497 |1003 | 985 | 804 | 798 | 602 | 500 | 401 | 302 |202 |148 |100 | 80 | 60 | 50 | 40 | 30 | 20 | 6 | | | | | | | |
| Jour || HIAC | HIAC | HIAC |HIAC |HIAC |HIAC |HIAC |HIAC |HIAC |HIAC |HIAC |HIAC |HIAC |HIAC |HIAC |HIAC |HIAC |HIAC |HIAC |HIAC |HIAC |HIAC |
| || CO2 | CO2 | CO2 |CO2 |CO2 |CO2 |CO2 |CO2 |CO2 |CO2 |CO2 |CO2 |CO2 |CO2 |CO2 | | | | | | | | | | | |
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POMME2 - LEG1

H CLAUSTRE HIAC = Compteur optique de particules

M BIANCHI PRELEVEMENTS effectues par le groupe LMM :

TOC + Production Bacterienne (BP) + Flagelles (FL) + Cilies (CL)

E V DAFNER CO2

TOTO ABSR = Absorption

NUMEROS de BOUTEILLES

Year	Day	1	2	3	4	5	6	7	8	9	10	11	12	13	17	18	19	20	21	22	23	24	
2001	2001	1502	1499	1002	999	803	799	601	502	402	299	200	150	101	82	61	51	40	30	21	5		
	Jour	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	
		TOC	TOC	TOC	TOC		TOCBP		TOCBP	TOC	TOCBP	TOCBP	TCBP	TCBP	TCBP	TCBP	TCBP		TCBP		TCBP	TCBP	
									FL		FL		FLCL		FLCL		FLCL		FLCL		FL	FLCL	
													ABSR	ABSR	ABSR	ABSR	ABSR	ABSR	ABSR	ABSR	ABSR	ABSR	ABSR
2002	2000	1502	1002	804	602	506	404	304	202	153	101	82	61	50	41	41	30	19	21	6	6		
	Nuit	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC
		TOC	TOC	TOC	TOCBP	TOCBP	TOC	TOCBP	TOCBP	TOCBP	TOCBP	TOCBP	TCBP	TCBP		TCBP				TCBP		TCBP	
						FL		FL		FLCL		FLCL		FLCL		FLCL				FL		FLCL	
										ABSR	ABSR	ABSR	ABSR	ABSR	ABSR	ABSR		ABSR	ABSR	ABSR		ABSR	
2003	4998	4000	3501	3001	2500	1999	1501	1000	801	599	501	401	300	203	150	101	80	59	40	20	4		
	Nuit	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC
	Prof	TOC	TOC	TOC	TOC	TOC	TOC	TOC	TOCBP	TOCBP	TOCBP	TCBP	TCBP	TCBP	TCBP	TCBP	TCBP	TCBP	TCBP	TCBP	TCBP	TCBP	TCBP
										FL		FL		FLCL		FLCL		FLCL	FLCL	FL	FLCL		
														ABSR	ABSR	ABSR	ABSR	ABSR	ABSR	ABSR	ABSR	ABSR	ABSR
2004	2002	1501	1452	1000	992	808	802	606	502	399	302	203	150	100	82	61	50	40	32	21	6		
	Jour	HIAC	HIAC		HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC
		TOC	TOC	TOC	TOC		TOCBP		TOCBP	TOC	TOCBP	TOCBP	TCBP	TCBP	TCBP	TCBP	TCBP		TCBP		TCBP	TCBP	

									FL		FL		FLCL		FLCL		FLCL		FLCL		FL	FLCL
		CO2	CO2	CO2	CO2	CO2	CO2	CO2	CO2	CO2	CO2	CO2	CO2	CO2	CO2				CO2		CO2	CO2
													ABSR	ABSR	ABSR	ABSR	ABSR	ABSR	ABSR	ABSR	ABSR	ABSR

2005		1999	1501	1499	1001	999	799	798	598	499	398	301	198	149	100	79	58	45	38	29	19	4
Jour		HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	
		TOC	TOC	TOC	TOC		TOCBP		TOCBP	TOC	TOCBP	TOCBP	TOCBP	TOCBP	TOCBP	TOCBP	TOCBP		TOCBP		TOCBP	TOCBP
									FL		FL		FLCL		FLCL		FLCL		FLCL		FL	FLCL
													ABSR	ABSR	ABSR	ABSR	ABSR	ABSR	ABSR	ABSR	ABSR	

2006		2002	1504	1495	1005	997	803	792	604	504	403	302	202	151	100	82	59	51	40	30	21	6
Jour		HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC
		TOC	TOC	TOC	TOC		TOCBP		TOCBP	TOC	TOCBP	TOCBP	TOCBP	TOCBP	TOCBP	TOCBP	TOCBP		TOCBP		TOCBP	TOCBP
									FL		FL		FLCL		FLCL		FLCL		FLCL		FL	FLCL
													ABSR	ABSR	ABSR	ABSR	ABSR	ABSR	ABSR	ABSR	ABSR	ABSR

2007		2001	1498	998	798	597	498	377	297	198	148	100	79	59	49	40	40	29	21	19	5	5
Nuit		HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC
		TOC	TOC	TOC	TOCBP	TOCBP	TOC	TOCBP	TOCBP	TOCBP	TOCBP	TOCBP	TOCBP	TOCBP	TOCBP	TOCBP		TOCBP		TOCBP		TOCBP
						FL		FL		FLCL		FLCL		FLCL		FLCL			FL		FLCL	
		CO2	CO2	CO2	CO2	CO2	CO2	CO2	CO2	CO2	CO2	CO2				CO2	CO2		CO2	CO2	CO2	CO2
									ABSR	ABSR	ABSR	ABSR	ABSR	ABSR	ABSR		ABSR	ABSR	ABSR		ABSR	

2008		1999	1504	1500	1002	998	801	798	599	499	401	300	200	151	100	79	61	50	40	30	19	5
Jour		HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC
		TOC	TOC	TOC	TOC		TOCBP		TOCBP	TOC	TOCBP	TOCBP	TOCBP	TOCBP	TOCBP	TOCBP	TOCBP		TOCBP		TOCBP	TOCBP
									FL		FL		FLCL		FLCL		FLCL		FLCL		FL	FLCL
													ABSR	ABSR	ABSR	ABSR	ABSR	ABSR	ABSR	ABSR	ABSR	ABSR

2009		4508	4000	3499	3000	2499	2000	1501	998	800	600	497	399	299	198	148	101	79	59	40	20	6
Jour		HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC
Prof		TOC	TOC	TOC	TOC	TOC	TOC	TOC	TOC	TOCBP	TOCBP	TOCBP	TOCBP	TOCBP	TOCBP	TOCBP	TOCBP	TOCBP	TOCBP	TOCBP	TOCBP	TOCBP
											FL		FL		FLCL		FLCL		FLCL	FLCL	FL	FLCL
															ABSR	ABSR	ABSR	ABSR	ABSR	ABSR	ABSR	ABSR

2010		2002	1501	1498	1001	998	802	799	602	502	402	302	204	153	100	80	60	51	40	31	20	6
Jour		HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC
		TOC	TOC	TOC	TOC		TOCBP		TOCBP	TOC	TOCBP	TOCBP	TOCBP	TOCBP	TOCBP	TOCBP	TOCBP		TOCBP		TOCBP	TOCBP
									FL		FL		FLCL		FLCL		FLCL		FLCL		FL	FLCL
		CO2	CO2	CO2	CO2	CO2	CO2	CO2	CO2	CO2	CO2	CO2	CO2	CO2	CO2				CO2		CO2	CO2
													ABSR	ABSR	ABSR	ABSR	ABSR	ABSR	ABSR	ABSR	ABSR	ABSR

2011		2007	1500	999	799	599	497	399	299	198	148	100	79	60	49	40	40	29	20	20	4	5
Nuit		HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC		HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC
		TOC	TOC	TOC	TOCBP	TOCBP	TOC	TOCBP	TOCBP	TOCBP	TOCBP	TOCBP	TOCBP	TOCBP	TOCBP	TOCBP				TOCBP		TOCBP
						FL		FL		FLCL		FLCL		FLCL		FLCL				FL		FLCL

2019	1998	1498	999	797	597	500	399	299	198	149	100	79	59	50	40	41	31	21	21	6	5	
Nuit	TOC	TOC	TOC	TOCBP	TOCBP	TOC	TOCBP	TOCBP	TOCBP	TOCBP	TOCBP	TCBP	TCBP		TCBP			TCBP		TCBP		
					FL		FL		FLCL		FLCL		FLCL		FLCL			FL		FLCL		
									ABSR	ABSR	ABSR	ABSR	ABSR	ABSR	ABSR		ABSR	ABSR	ABSR		ABSR	

2020	2000	1502	1498	1005	999	806	799	586	404	398	302	202	153	99	84	64	51	42	32	21	8	
Jour	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC
	TOC	TOC	TOC	TOC		TOCBP		TOCBP	TOC	TOCBP	TOCBP	TCBP	TCBP	TCBP	TCBP	TCBP		TCBP		TCBP	TCBP	
									FL		FL		FLCL		FLCL		FLCL		FLCL	FL	FLCL	
													ABSR	ABSR	ABSR	ABSR	ABSR	ABSR	ABSR	ABSR	ABSR	ABSR

2021	2000	1501	1501	1002	999	802	800	600	497	403	299	201	151	102	80	60	48	38	28	20	5	
Jour	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC
	TOC	TOC	TOC	TOC		TOCBP		TOCBP	TOC	TOCBP	TOCBP	TCBP	TCBP	TCBP	TCBP	TCBP		TCBP		TCBP	TCBP	
									FL		FL		FLCL		FLCL		FLCL		FLCL	FL	FLCL	
													ABSR	ABSR	ABSR	ABSR	ABSR	ABSR	ABSR	ABSR	ABSR	ABSR

2022	2001	1501	1004	803	601	500	400	289	200	150	100	84	60	52	40	40	31	21	20	6	6	
Nuit	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC
	TOC	TOC	TOC	TOCBP	TOCBP	TOC	TOCBP	TOCBP	TOCBP	TOCBP	TOCBP	TCBP	TCBP		TCBP			TCBP		TCBP	TCBP	
					FL		FL		FLCL		FLCL		FLCL		FLCL			FL		FLCL		
	CO2	CO2	CO2	CO2	CO2	CO2	CO2	CO2	CO2	CO2	CO2				CO2	CO2		CO2	CO2	CO2	CO2	

2023	1999	1498	998	797	599	500	397	298	198	148	100	78	57	48	41	41	31	21	21	6	6	
Nuit	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC
	TOC	TOC	TOC	TOCBP	TOCBP	TOC	TOCBP	TOCBP	TOCBP	TOCBP	TOCBP	TCBP	TCBP		TCBP			TCBP		TCBP	TCBP	
					FL		FL		FLCL		FLCL		FLCL		FLCL			FL		FLCL		

2024	2002	1501	1498	1002	998	803	799	602	498	400	280	200	149	100	80	61	50	41	31	21	5	
Jour	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC
	TOC	TOC	TOC	TOC		TOCBP		TOCBP	TOC	TOCBP	TOCBP	TCBP	TCBP	TCBP	TCBP	TCBP		TCBP		TCBP	TCBP	
									FL		FL		FLCL		FLCL		FLCL		FLCL	FL	FLCL	

2025	2003	1505	1498	1005	998	806	798	601	501	400	301	199	149	101	81	61	50	41	29	21	7	
Jour	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC
	TOC	TOC	TOC	TOC		TOCBP		TOCBP	TOC	TOCBP	TOCBP	TCBP	TCBP	TCBP	TCBP	TCBP		TCBP		TCBP	TCBP	
									FL		FL		FLCL		FLCL		FLCL		FLCL	FL	FLCL	
	CO2	CO2	CO2	CO2	CO2	CO2	CO2	CO2	CO2	CO2	CO2	CO2	CO2	CO2	CO2				CO2		CO2	CO2

2026	2001	1501	1498	1001	998	803	800	601	500	400	300	200	150	100	82	60	50	40	29	20	4	
Jour	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC
	TOC	TOC	TOC	TOC		TOCBP		TOCBP	TOC	TOCBP	TOCBP	TCBP	TCBP	TCBP	TCBP	TCBP		TCBP		TCBP	TCBP	

2034		4601	4005	3504	3002	2486	2000	1502	1002	802	602	502	402	301	201	149	98	80	61	40	22	7				
Jour		HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC			
Prof		TOC	TOC	TOC	TOC	TOC	TOC	TOC	TOC	TOC	TOC	TOC	TOC	TOC	TCBP	TCBP	TCBP	TCBP	TCBP	TCBP	TCBP	TCBP	TCBP	TCBP		
												FL		FL		FLCL		FLCL		FLCL	FLCL	FL	FLCL			
								CO2	CO2	CO2	CO2	CO2	CO2	CO2	CO2	CO2	CO2			CO2	CO2	CO2				
																ABSR	ABSR	ABSR	ABSR	ABSR	ABSR	ABSR	ABSR	ABSR	ABSR	ABSR

2035		2000	1500	1500	1000	1000	800	800	600	500	400	300	200	150	100	80	60	50	40	30	20	5			
Jour		HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC		
		TOC	TOC	TOC	TOC			TOC	TOC	TOC	TOC	TOC	TOC	TCBP	TCBP	TCBP	TCBP	TCBP	TCBP	TCBP	TCBP	TCBP	TCBP	TCBP	TCBP
											FL		FL		FLCL		FLCL		FLCL		FLCL		FL	FLCL	
											FL		FL		FLCL		FLCL		FLCL		FLCL		FL	FLCL	
											ABSR	ABSR	ABSR	ABSR	ABSR	ABSR	ABSR	ABSR	ABSR	ABSR	ABSR	ABSR			

2036		2000	1500	1500	1000	1000	800	800	600	500	400	300	200	150	100	80	60	50	40	30	20	5			
Nuit		HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC		
		TOC	TOC	TOC	TOC	TOC	TOC	TOC	TOC	TOC	TOC	TOC	TOC	TCBP	TCBP	TCBP	TCBP	TCBP	TCBP	TCBP	TCBP	TCBP	TCBP	TCBP	TCBP
							FL		FL		FLCL		FLCL		FLCL		FLCL				FL		FLCL		
											ABSR	ABSR	ABSR	ABSR	ABSR	ABSR	ABSR		ABSR	ABSR	ABSR		ABSR		

2037		2000	1495	996	795	597	500	401	314	197	152	100	80	60	50	41	40	30	20	20	6	5			
Nuit		HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC		
		TOC	TOC	TOC	TOC	TOC	TOC	TOC	TOC	TOC	TOC	TOC	TOC	TCBP	TCBP	TCBP	TCBP	TCBP	TCBP	TCBP	TCBP	TCBP	TCBP	TCBP	TCBP
							FL		FL		FLCL		FLCL		FLCL		FLCL				FL		FLCL		
		CO2	CO2	CO2	CO2	CO2	CO2	CO2	CO2	CO2	CO2	CO2	CO2				CO2	CO2		CO2	CO2	CO2	CO2		
											ABSR	ABSR	ABSR	ABSR	ABSR	ABSR	ABSR		ABSR	ABSR	ABSR		ABSR		

2038		5001	4001	3502	2998	2501	1999	1501	1001	801	602	500	400	234	201	151	100	79	60	40	19	4					
Jour		HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC				
Prof		TOC	TOC	TOC	TOC	TOC	TOC	TOC	TOC	TOC	TOC	TOC	TOC	TOC	TCBP	TCBP	TCBP	TCBP	TCBP	TCBP	TCBP	TCBP	TCBP	TCBP	TCBP		
												FL		FL		FLCL		FLCL		FLCL		FLCL		FLCL	FLCL	FL	FLCL
																ABSR	ABSR	ABSR	ABSR	ABSR	ABSR	ABSR	ABSR	ABSR	ABSR	ABSR	ABSR

2039		2007	1500	1000	799	599	499	402	301	203	152	100	81	62	51	41	42	33	20	21	9	7					
Nuit		HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC				
		TOC	TOC	TOC	TOC	TOC	TOC	TOC	TOC	TOC	TOC	TOC	TOC	TOC	TCBP	TCBP	TCBP	TCBP	TCBP	TCBP	TCBP	TCBP	TCBP	TCBP	TCBP	TCBP	
							FL		FL		FLCL		FLCL		FLCL		FLCL				FL		FLCL				
																ABSR	ABSR	ABSR	ABSR	ABSR	ABSR	ABSR	ABSR	ABSR	ABSR	ABSR	ABSR

2040		2001	1502	1000	802	602	499	400	338	200	151	100	79	58	50	40	37	30	21	18	4	2				
Nuit		HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC			
		TOC	TOC	TOC	TOC	TOC	TOC	TOC	TOC	TOC	TOC	TOC	TOC	TOC	TCBP	TCBP	TCBP	TCBP	TCBP	TCBP	TCBP	TCBP	TCBP	TCBP	TCBP	TCBP
							FL		FL		FLCL		FLCL		FLCL		FLCL				FL		FLCL			
		CO2	CO2	CO2	CO2	CO2	CO2	CO2	CO2	CO2	CO2	CO2	CO2				CO2	CO2		CO2	CO2	CO2	CO2			
											ABSR	ABSR	ABSR	ABSR	ABSR	ABSR	ABSR		ABSR	ABSR	ABSR		ABSR			

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| 2041 | | 1997 | 1505 | 1497 | 1003 | 997 | 804 | 797 | 600 | 499 | 399 | 300 | 199 | 150 | 100 | 81 | 59 | 50 | 39 | 30 | 20 | 6 | | |
| Jour | | HIAC | HIAC | HIAC | HIAC | HIAC | HIAC | HIAC | HIAC | HIAC | HIAC | HIAC | HIAC | HIAC | HIAC | HIAC | HIAC | HIAC | HIAC | HIAC | HIAC | HIAC |
| | | TOC | TOC | TOC | TOC | | | TOCBP | | TOCBP | TOC | TOCBP | TOCBP | TCBP | TCBP | TCBP | TCBP | TCBP | | TCBP | | TCBP | TCBP |
| | | | | | | | | | | FL | | FL | | FLCL | | FLCL | | FLCL | | FLCL | | FL | FLCL |
| | | | | | | | | | | | | | ABSR | ABSR | ABSR | ABSR | ABSR | ABSR | ABSR | ABSR | ABSR | ABSR | ABSR | ABSR |
*****
| 2042 | | 2001 | 1503 | 1503 | 1000 | 1000 | 801 | 800 | 598 | 499 | 399 | 299 | 198 | 148 | 101 | 79 | 60 | 50 | 40 | 30 | 20 | 5 | | |
| Jour | | HIAC | HIAC | HIAC | HIAC | HIAC | HIAC | HIAC | HIAC | HIAC | HIAC | HIAC | HIAC | HIAC | HIAC | HIAC | HIAC | HIAC | HIAC | HIAC | HIAC | HIAC |
| | | TOC | TOC | TOC | TOC | | | TOCBP | | TOCBP | TOC | TOCBP | TOCBP | TCBP | TCBP | TCBP | TCBP | TCBP | | TCBP | | TCBP | TCBP |
| | | | | | | | | | | FL | | FL | | FLCL | | FLCL | | FLCL | | FLCL | | FL | FLCL |
| | | | | | | | | | | | | | ABSR | ABSR | ABSR | ABSR | ABSR | ABSR | ABSR | ABSR | ABSR | ABSR | ABSR | ABSR |
*****
| 2043 | | 2000 | 1499 | 1491 | 1003 | 995 | 802 | 795 | 599 | 498 | 399 | 298 | 201 | 149 | 100 | 79 | 60 | 51 | 40 | 29 | 21 | 5 | | |
| Jour | | HIAC | HIAC | HIAC | HIAC | HIAC | HIAC | HIAC | HIAC | HIAC | HIAC | HIAC | HIAC | HIAC | HIAC | HIAC | HIAC | HIAC | HIAC | HIAC | HIAC | HIAC |
| | | TOC | TOC | TOC | TOC | | | TOCBP | | TOCBP | TOC | TOCBP | TOCBP | TCBP | TCBP | TCBP | TCBP | TCBP | | TCBP | | TCBP | TCBP |
| | | | | | | | | | | FL | | FL | | FLCL | | FLCL | | FLCL | | FLCL | | FL | FLCL |
| | | CO2 | CO2 | CO2 | CO2 | CO2 | CO2 | CO2 | CO2 | CO2 | CO2 | CO2 | CO2 | CO2 | CO2 | CO2 | | | CO2 | | CO2 | CO2 |
| | | | | | | | | | | | | | ABSR | ABSR | ABSR | ABSR | ABSR | ABSR | ABSR | ABSR | ABSR | ABSR | ABSR | ABSR |
*****
| 2044 | | 2000 | 1499 | 998 | 797 | 598 | 500 | 399 | 339 | 298 | 199 | 148 | 80 | 59 | 49 | 39 | 39 | 30 | 21 | 20 | 5 | 4 | | | |
| Nuit | | HIAC | HIAC | HIAC | HIAC | HIAC | HIAC | HIAC | HIAC | HIAC | HIAC | HIAC | HIAC | HIAC | HIAC | HIAC | HIAC | HIAC | HIAC | HIAC | HIAC | HIAC |
| | | TOC | TOC | TOC | TOCBP | TOCBP | TOC | TOCBP | TOCBP | TOCBP | TOCBP | TOCBP | TCBP | TCBP | | TCBP | | | TCBP | | TCBP |
| | | | | | | | FL | | FL | | FLCL | | FLCL | | FLCL | | FLCL | | | FL | | FLCL |
| | | | | | | | | | | | | | ABSR | ABSR | ABSR | ABSR | ABSR | ABSR | | ABSR | ABSR | ABSR | | ABSR | |
*****
| 2045 | | 2002 | 1502 | 1497 | 1004 | 1000 | 802 | 800 | 601 | 502 | 399 | 279 | 200 | 149 | 100 | 79 | 61 | 49 | 41 | 31 | 19 | 4 | | |
| Jour | | TOC | TOC | TOC | TOC | | | TOCBP | | TOCBP | TOC | TOCBP | TOCBP | TCBP | TCBP | TCBP | TCBP | TCBP | | TCBP | | TCBP | TCBP |
| | | | | | | | | | | FL | | FL | | FLCL | | FLCL | | FLCL | | FLCL | | FL | FLCL |
| | | | | | | | | | | | | | ABSR | ABSR | ABSR | ABSR | ABSR | ABSR | ABSR | ABSR | ABSR | ABSR | ABSR | ABSR |
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| 2046 | | 3100 | 3100 | 3001 | 3001 | 2498 | 1999 | 1497 | 999 | 795 | 598 | 499 | 398 | 297 | 197 | 148 | 102 | 79 | 59 | 39 | 19 | 5 | | |
| Jour | | HIAC | | | HIAC | | HIAC | HIAC | HIAC | | HIAC | HIAC | | HIAC | HIAC | | HIAC | | HIAC | | HIAC | | HIAC |
| | | TOC | TOC | TOC | TOC | | | TOCBP | | TOCBP | TOC | TOCBP | TOCBP | TCBP | TCBP | TCBP | TCBP | | TCBP | | TCBP | TCBP |
| | | | | | | | | | | FL | | FL | | FLCL | | FLCL | | FLCL | | FLCL | | FL | FLCL |
| | | | | | | | | | | | | | ABSR | ABSR | ABSR | ABSR | ABSR | ABSR | ABSR | ABSR | ABSR | ABSR | ABSR | ABSR |
*****
| 2047 | | 2000 | 1500 | 1498 | 1003 | 999 | 802 | 799 | 600 | 500 | 400 | 300 | 199 | 149 | 101 | 79 | 60 | 49 | 41 | 30 | 20 | 4 | | |
| Jour | | HIAC | HIAC | HIAC | HIAC | HIAC | HIAC | HIAC | HIAC | HIAC | HIAC | HIAC | HIAC | HIAC | HIAC | HIAC | HIAC | HIAC | HIAC | HIAC | HIAC |
| | | TOC | TOC | TOC | TOC | | | TOCBP | | TOCBP | TOC | TOCBP | TOCBP | TCBP | TCBP | TCBP | TCBP | TCBP | | TCBP | | TCBP | TCBP |
| | | | | | | | | | | FL | | FL | | FLCL | | FLCL | | FLCL | | FLCL | | FL | FLCL |
| | | | | | | | | | | | | | ABSR | ABSR | ABSR | ABSR | ABSR | ABSR | ABSR | ABSR | ABSR | ABSR | ABSR | ABSR |
*****
| 2048 | | 2000 | 1498 | 1492 | 1005 | 998 | 802 | 795 | 582 | 501 | 401 | 299 | 201 | 148 | 100 | 80 | 60 | 50 | 39 | 29 | 19 | 6 | |
| Jour | | HIAC | HIAC | HIAC | HIAC | HIAC | HIAC | HIAC | HIAC | HIAC | HIAC | HIAC | HIAC | HIAC | HIAC | HIAC | HIAC | HIAC | HIAC | HIAC | HIAC |
| | | TOC | TOC | TOC | TOC | | | TOCBP | | TOCBP | TOC | TOCBP | TOCBP | TCBP | TCBP | TCBP | TCBP | TCBP | | TCBP | | TCBP | TCBP |

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		TOC	TOC	TOC	TOCBP	TOCBP	TOC	TOCBP	TOCBP	TOCBP	TOCBP	TOCBP	TCBP	TCBP					TCBP		TCBP
						FL		FL		FLCL		FLCL		FLCL		FLCL			FL		FLCL
									ABSR	ABSR	ABSR	ABSR	ABSR	ABSR	ABSR		ABSR	ABSR	ABSR		ABSR

	2064		1998		1500		1000		798		601		502		401		302		201		151
	Nuit		HIAC		HIAC		HIAC		HIAC		HIAC		HIAC		HIAC		HIAC		HIAC		HIAC
		TOC	TOC	TOC	TOCBP	TOCBP	TOC	TOCBP	TOCBP	TOCBP	TOCBP	TOCBP	TCBP	TCBP					TCBP		TCBP
						FL		FL		FLCL		FLCL		FLCL		FLCL			FL		FLCL
										ABSR	ABSR	ABSR	ABSR	ABSR	ABSR		ABSR	ABSR	ABSR		ABSR

	2065		2002		1504		1497		1004		996		804		797		580		503		402
	Jour		HIAC		HIAC		HIAC		HIAC		HIAC		HIAC		HIAC		HIAC		HIAC		HIAC
		TOC	TOC	TOC	TOC			TOCBP		TOCBP	TOC	TOCBP	TOCBP	TCBP	TCBP	TCBP	TCBP	TCBP	TCBP		TCBP
										FL		FL		FLCL		FLCL		FLCL		FLCL	
													ABSR	ABSR	ABSR	ABSR	ABSR	ABSR	ABSR	ABSR	ABSR

	2066		2001		1502		1499		1000		998		801		798		600		501		400
	Jour		HIAC		HIAC		HIAC		HIAC		HIAC		HIAC		HIAC		HIAC		HIAC		HIAC
		TOC	TOC	TOC	TOC			TOCBP		TOCBP	TOC	TOCBP	TOCBP	TCBP	TCBP	TCBP	TCBP	TCBP	TCBP		TCBP
										FL		FL		FLCL		FLCL		FLCL		FLCL	
													ABSR	ABSR	ABSR	ABSR	ABSR	ABSR	ABSR	ABSR	ABSR

	2067		2002		1502		1495		1002		995		803		796		592		500		399
	JOUR		HIAC		HIAC		HIAC		HIAC		HIAC		HIAC		HIAC		HIAC		HIAC		HIAC
		TOC	TOC	TOC	TOC			TOCBP		TOCBP	TOC	TOCBP	TOCBP	TCBP	TCBP	TCBP	TCBP	TCBP	TCBP		TCBP
										FL		FL		FLCL		FLCL		FLCL		FLCL	
		CO2	CO2	CO2	CO2	CO2	CO2	CO2	CO2	CO2	CO2	CO2	CO2	CO2	CO2				CO2		CO2
													ABSR	ABSR	ABSR	ABSR	ABSR	ABSR	ABSR	ABSR	ABSR

	2068		1996		1499		999		798		597		498		398		238		199		148
	Nuit		HIAC		HIAC		HIAC		HIAC		HIAC		HIAC		HIAC		HIAC		HIAC		HIAC
		TOC	TOC	TOC	TOCBP	TOCBP	TOC	TOCBP	TOCBP	TOCBP	TOCBP	TOCBP	TCBP	TCBP					TCBP		TCBP
						FL		FL		FLCL		FLCL		FLCL		FLCL			FL		FLCL
										ABSR	ABSR	ABSR	ABSR	ABSR	ABSR		ABSR	ABSR	ABSR		ABSR

	2069		2001		1501		1498		1004		1001		801		799		599		499		400
	Jour		HIAC		HIAC		HIAC		HIAC		HIAC		HIAC		HIAC		HIAC		HIAC		HIAC
		TOC	TOC	TOC	TOC			TOCBP		TOCBP	TOC	TOCBP	TOCBP	TCBP	TCBP	TCBP	TCBP	TCBP	TCBP		TCBP
										FL		FL		FLCL		FLCL		FLCL		FLCL	
													ABSR	ABSR	ABSR	ABSR	ABSR	ABSR	ABSR	ABSR	ABSR

	2070		2005		1502		1497		1003		985		804		798		602		500		401
	Jour		HIAC		HIAC		HIAC		HIAC		HIAC		HIAC		HIAC		HIAC		HIAC		HIAC
		TOC	TOC	TOC	TOC			TOCBP		TOCBP	TOC	TOCBP	TOCBP	TCBP	TCBP	TCBP	TCBP	TCBP	TCBP		TCBP
										FL		FL		FLCL		FLCL		FLCL		FLCL	
		CO2	CO2	CO2	CO2	CO2	CO2	CO2	CO2	CO2	CO2	CO2	CO2	CO2	CO2				CO2		CO2

2078		2001		1504		1497		1003		996		804		797		601		501		401		302		200		149		101		80		60		49		40		29		19		6					
Jour		HIAC		HIAC		HIAC		HIAC		HIAC		HIAC		HIAC		HIAC		HIAC		HIAC		HIAC		HIAC		HIAC		HIAC		HIAC		HIAC		HIAC		HIAC		HIAC		HIAC		HIAC		HIAC			
		TOC		TOC		TOC		TOC		TOCBP		TOCBP		TOC		TOCBP		TOCBP		TOCBP		TOCBP		TOCBP		TOCBP		TOCBP		TOCBP		TOCBP		TOCBP		TOCBP		TOCBP		TOCBP		TOCBP		TOCBP			
														FL		FL				FLCL		FLCL		FLCL		FLCL		FLCL		FLCL		FLCL		FLCL		FLCL		FLCL		FLCL		FLCL					
																				ABSR		ABSR		ABSR		ABSR		ABSR		ABSR		ABSR		ABSR		ABSR		ABSR		ABSR		ABSR					

2079		1998		1499		1500		1000		1000		800		800		599		498		396		298		201		146		100		78		60		50		39		29		19		4					
Jour		HIAC		HIAC		HIAC		HIAC		HIAC		HIAC		HIAC		HIAC		HIAC		HIAC		HIAC		HIAC		HIAC		HIAC		HIAC		HIAC		HIAC		HIAC		HIAC		HIAC		HIAC		HIAC			
		TOC		TOC		TOC		TOC		TOCBP		TOCBP		TOC		TOCBP		TOCBP		TOCBP		TOCBP		TOCBP		TOCBP		TOCBP		TOCBP		TOCBP		TOCBP		TOCBP		TOCBP		TOCBP		TOCBP		TOCBP		TOCBP	
														FL		FL				FLCL		FLCL		FLCL		FLCL		FLCL		FLCL		FLCL		FLCL		FLCL		FLCL		FLCL		FLCL		FLCL			
																				ABSR		ABSR		ABSR		ABSR		ABSR		ABSR		ABSR		ABSR		ABSR		ABSR		ABSR		ABSR		ABSR			

2080		2000		1501		1002		801		602		502		401		300		201		151		101		80		60		49		40		40		30		20		20		6		5					
Nuit		HIAC		HIAC		HIAC		HIAC		HIAC		HIAC		HIAC		HIAC		HIAC		HIAC		HIAC		HIAC		HIAC		HIAC		HIAC		HIAC		HIAC		HIAC		HIAC		HIAC		HIAC		HIAC		HIAC	
		TOC		TOC		TOC		TOCBP		TOCBP		TOC		TOCBP		TOCBP		TOCBP		TOCBP		TOCBP		TOCBP		TOCBP		TOCBP		TOCBP		TOCBP		TOCBP		TOCBP		TOCBP		TOCBP		TOCBP		TOCBP		TOCBP	
										FL		FL				FLCL		FLCL				FLCL		FLCL		FLCL		FLCL								FL		FL		FLCL		FLCL		FLCL			
																ABSR		ABSR		ABSR		ABSR		ABSR		ABSR		ABSR		ABSR		ABSR		ABSR		ABSR		ABSR		ABSR		ABSR		ABSR		ABSR	

2081		4899		4000		3501		2999		2501		2002		1501		1001		800		600		500		400		239		201		149		101		79		60		39		19		5					
Nuit		HIAC		HIAC		HIAC		HIAC		HIAC		HIAC		HIAC		HIAC		HIAC		HIAC		HIAC		HIAC		HIAC		HIAC		HIAC		HIAC		HIAC		HIAC		HIAC		HIAC		HIAC		HIAC		HIAC	
Prof		TOC		TOC		TOC		TOC		TOC		TOC		TOC		TOCBP		TOCBP		TOCBP		TOCBP		TOCBP		TOCBP		TOCBP		TOCBP		TOCBP		TOCBP		TOCBP		TOCBP		TOCBP		TOCBP		TOCBP		TOCBP	
																				FL		FL				FLCL		FLCL		FLCL		FLCL		FLCL		FLCL		FLCL		FLCL		FLCL		FLCL		FLCL	
																										ABSR		ABSR		ABSR		ABSR		ABSR		ABSR		ABSR		ABSR		ABSR		ABSR		ABSR	

POMME 2 - LEG1

24 Mars - 12 Avril 2001

ATALANTE

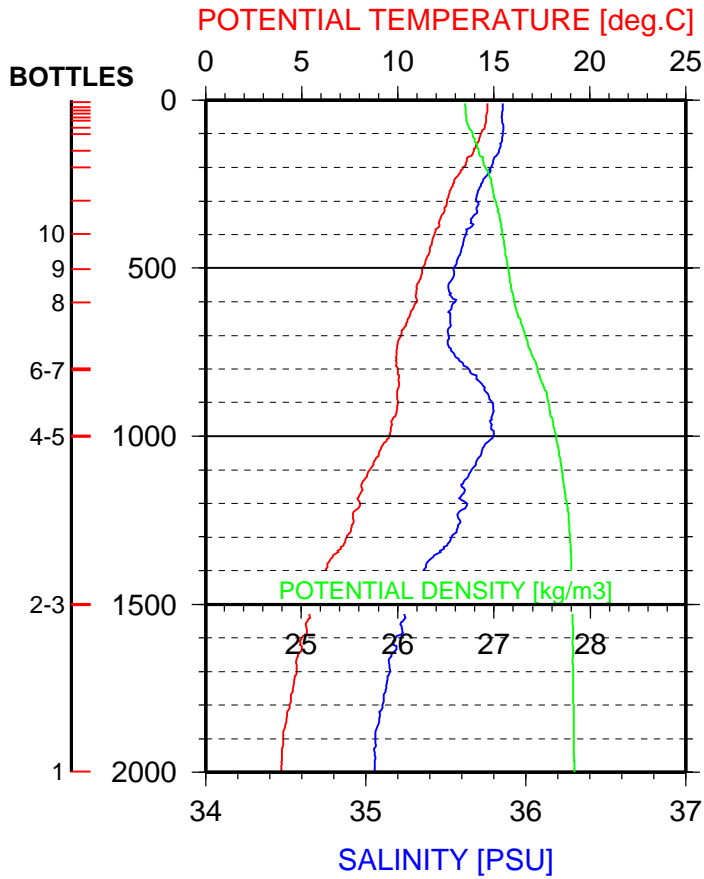
0 - 400 dbars

0 - 2000 dbars

L.PRIEUR - J.RAUNET

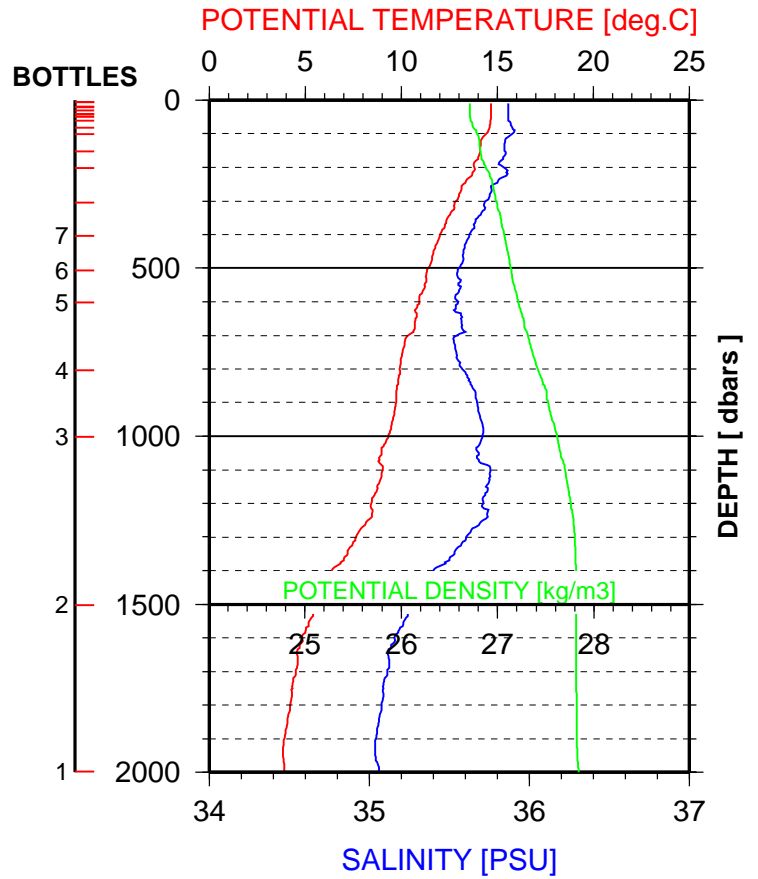
POMME2 - VALID STATION 2001

24 / 3 / 2001 - 18 h 7 m



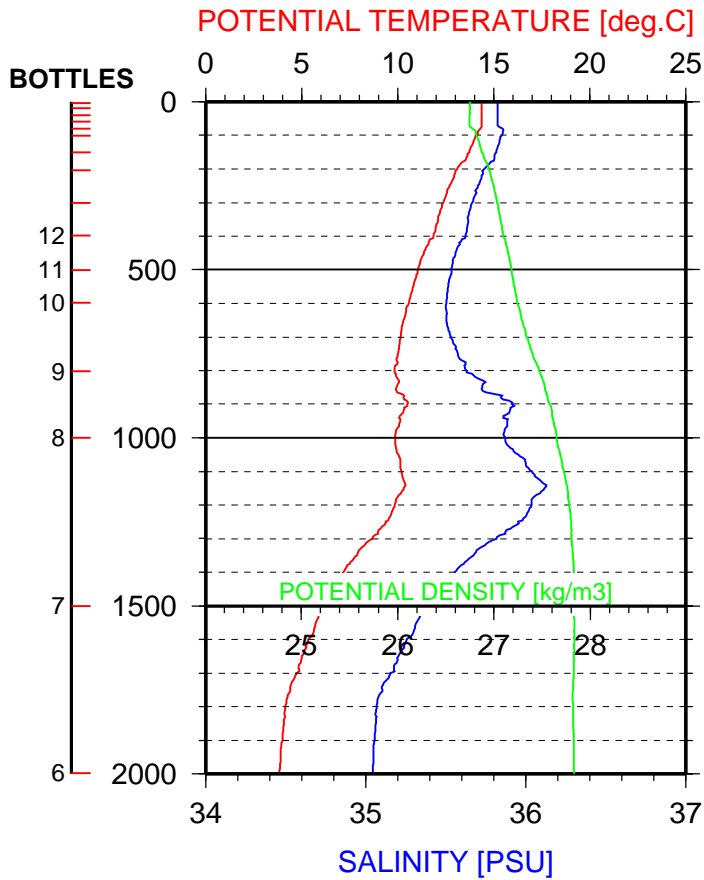
POMME2 - VALID STATION 2002

24 / 3 / 2001 - 22 h 36 m



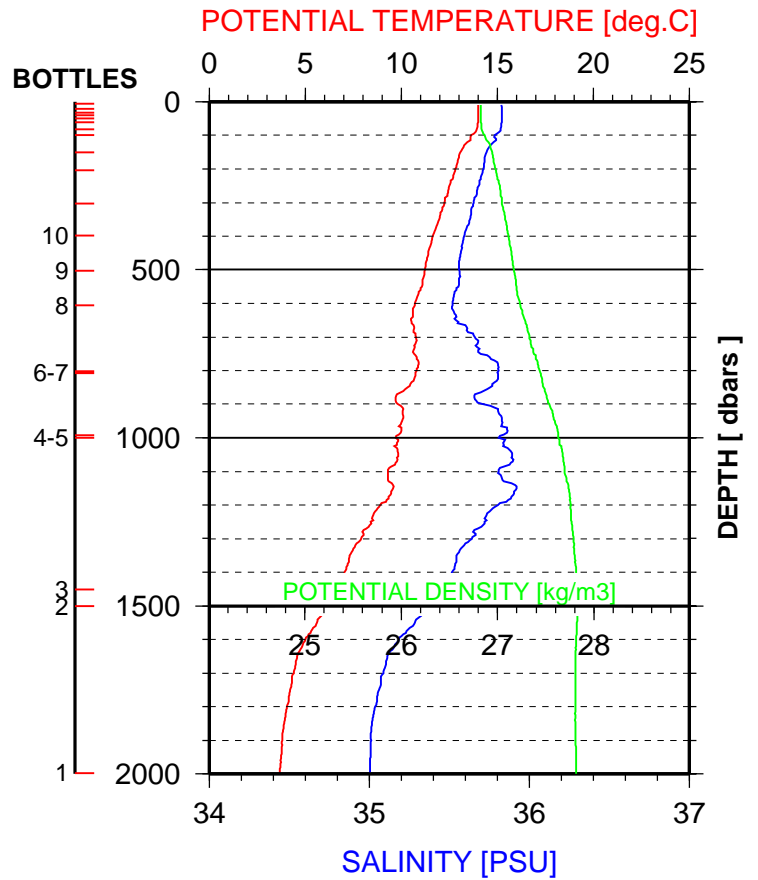
POMME2 - VALID STATION 2003

25 / 3 / 2001 - 3 h 51 m



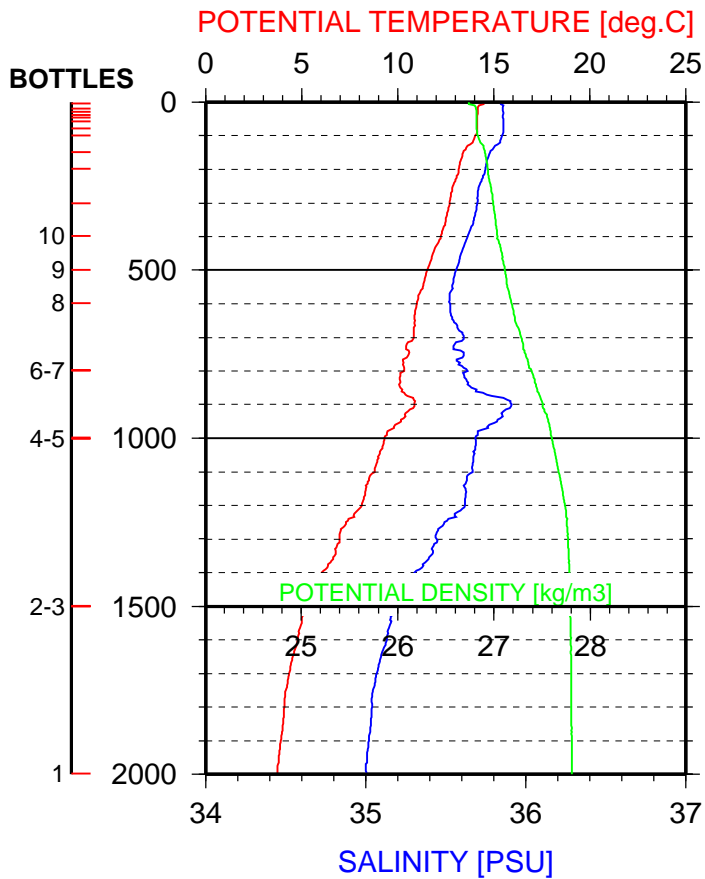
POMME2 - VALID STATION 2004

25 / 3 / 2001 - 10 h 33 m



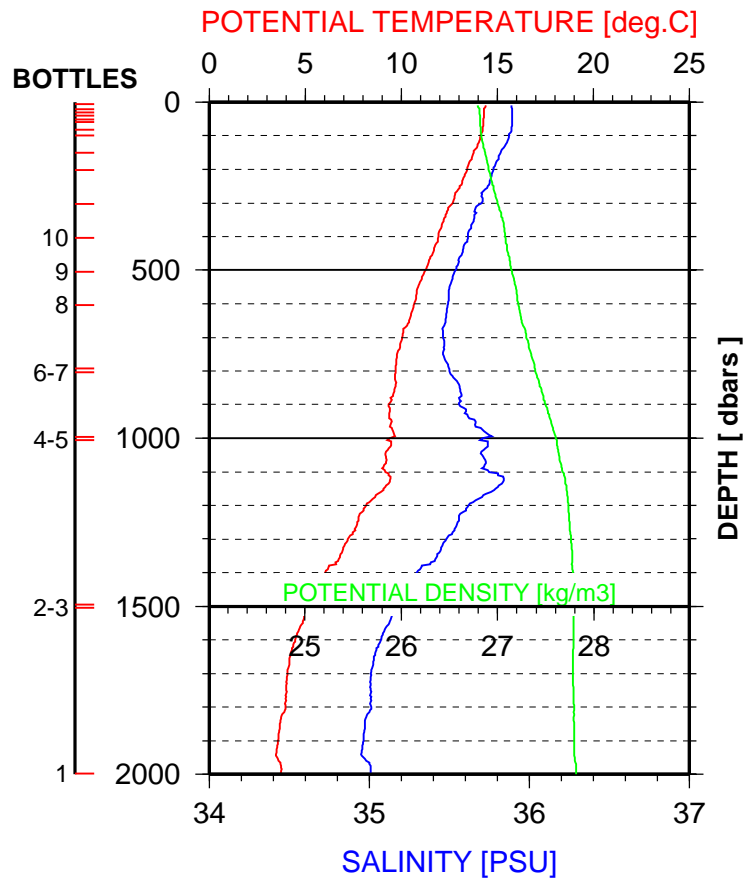
POMME2 - VALID STATION 2005

25 / 3 / 2001 - 15 h 11 m



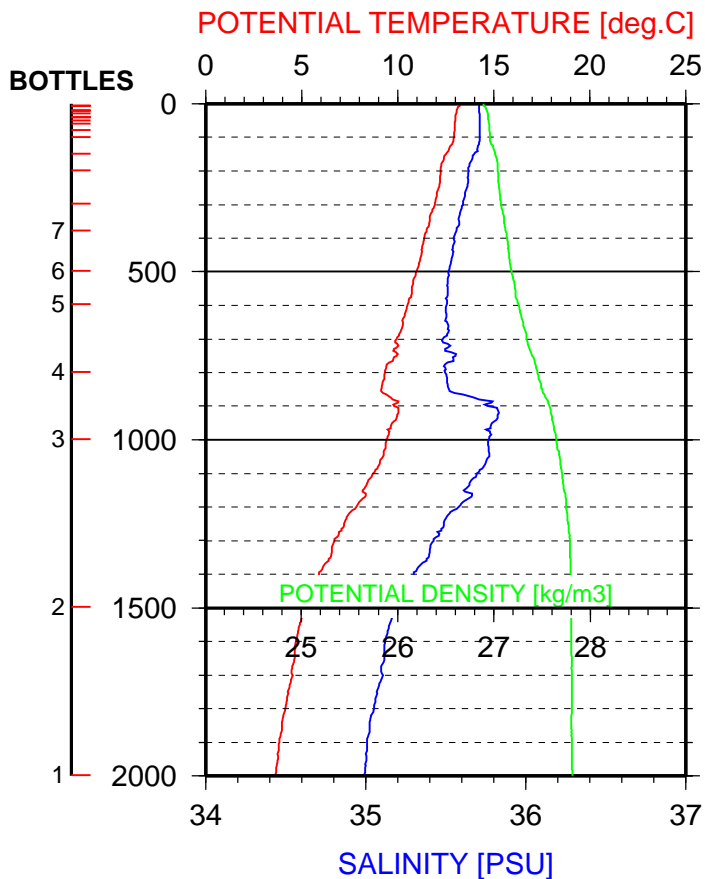
POMME2 - VALID STATION 2006

25 / 3 / 2001 - 20 h 20 m



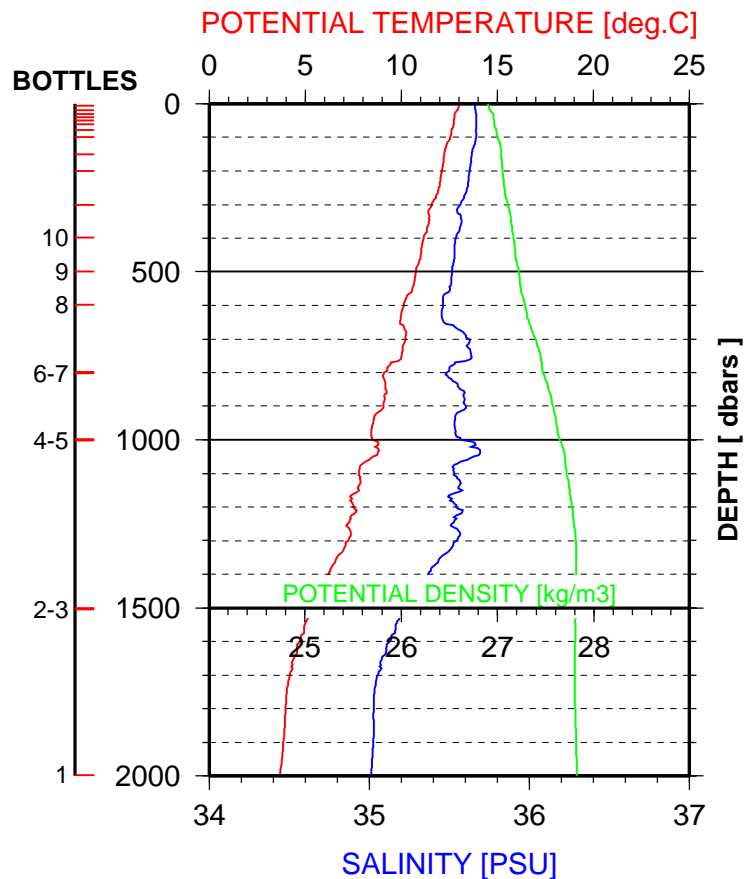
POMME2 - VALID STATION 2007

26 / 3 / 2001 - 2 h 18 m



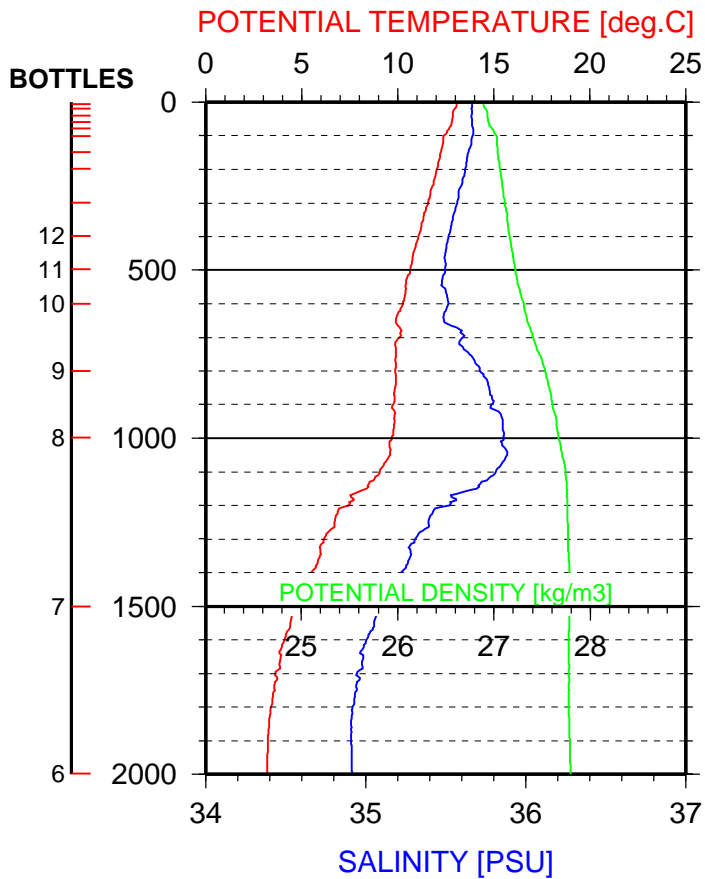
POMME2 - VALID STATION 2008

26 / 3 / 2001 - 6 h 36 m



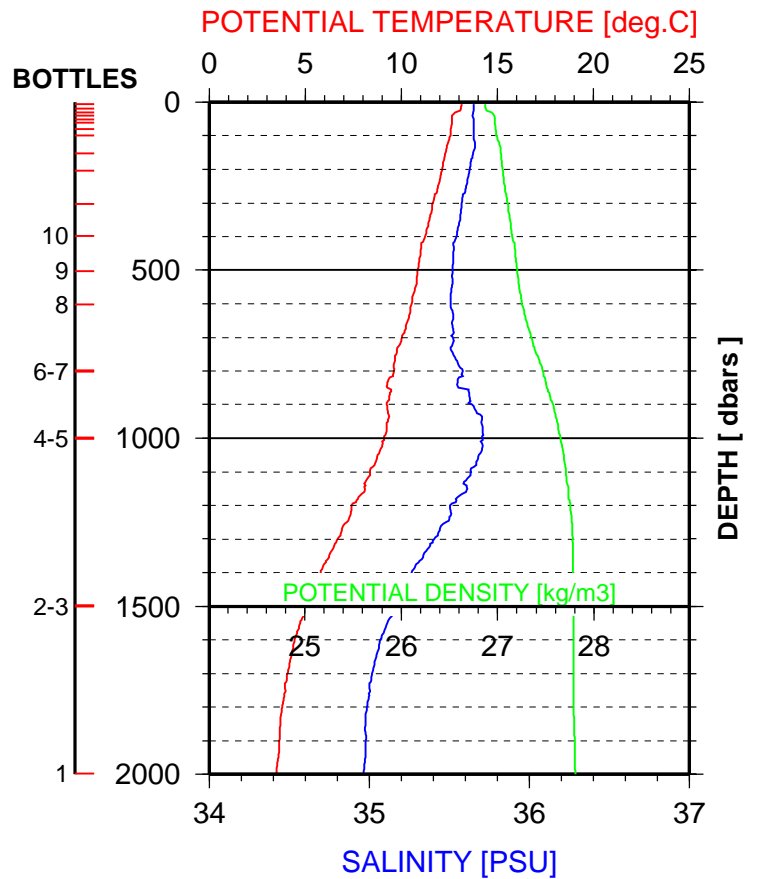
POMME2 - VALID STATION 2009

26 / 3 / 2001 - 11 h 38 m



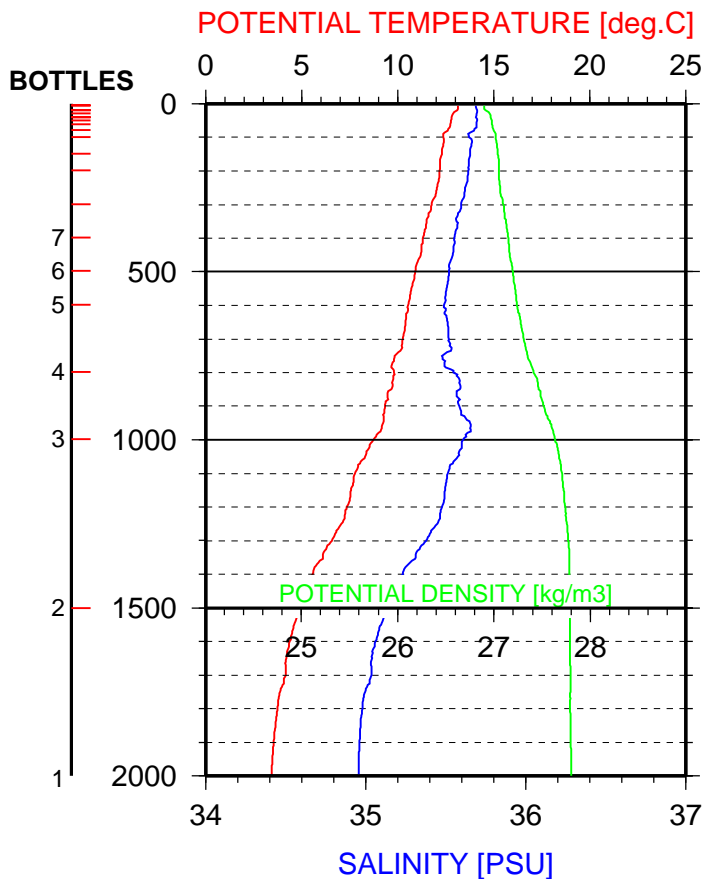
POMME2 - VALID STATION 2010

26 / 3 / 2001 - 18 h 50 m



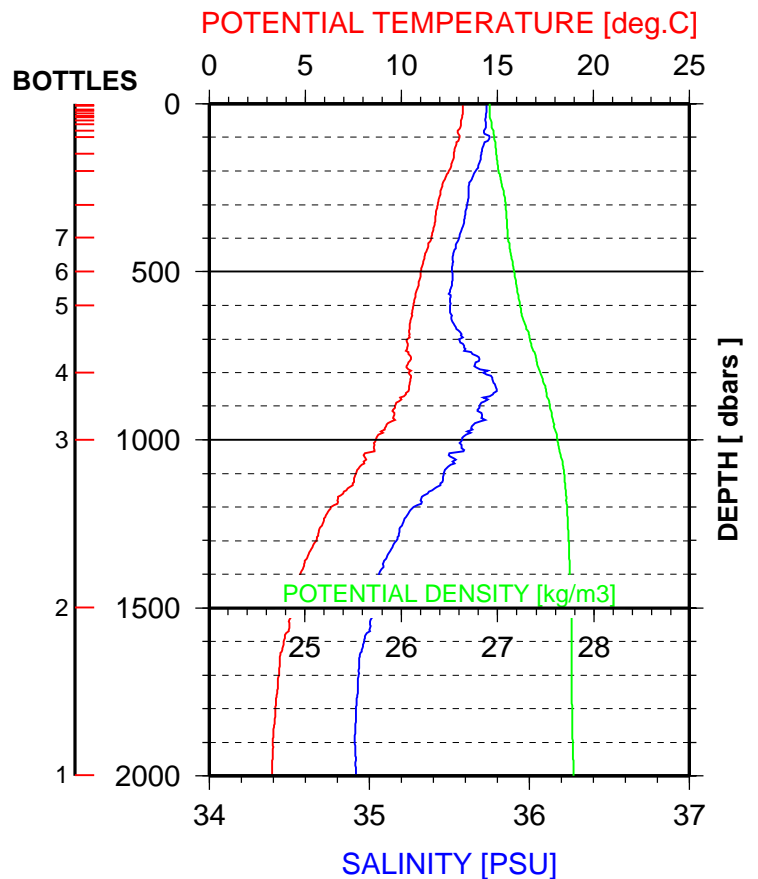
POMME2 - VALID STATION 2011

26 / 3 / 2001 - 23 h 30 m



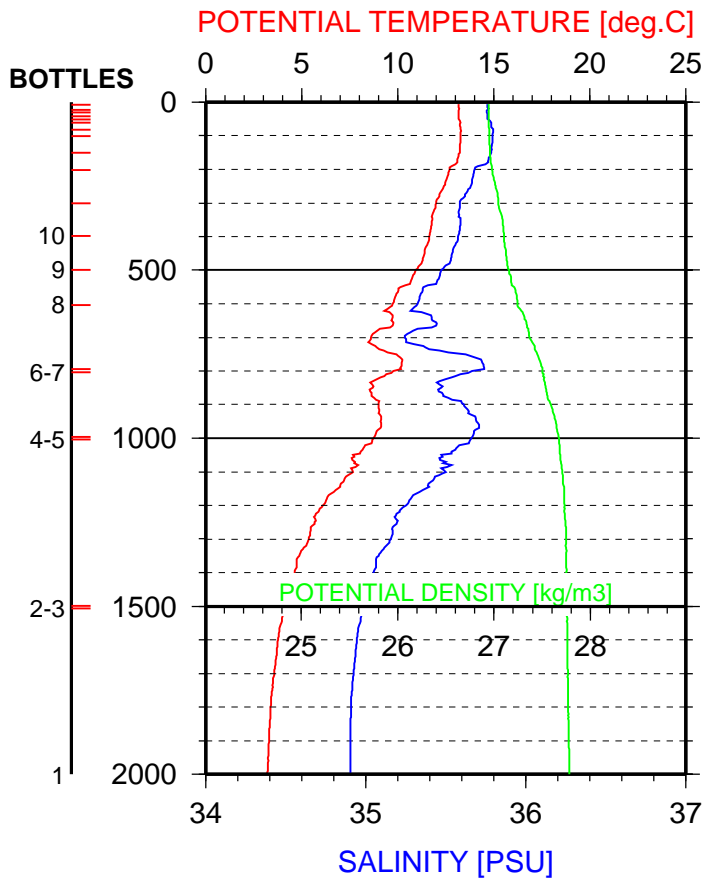
POMME2 - VALID STATION 2012

27 / 3 / 2001 - 4 h 14 m



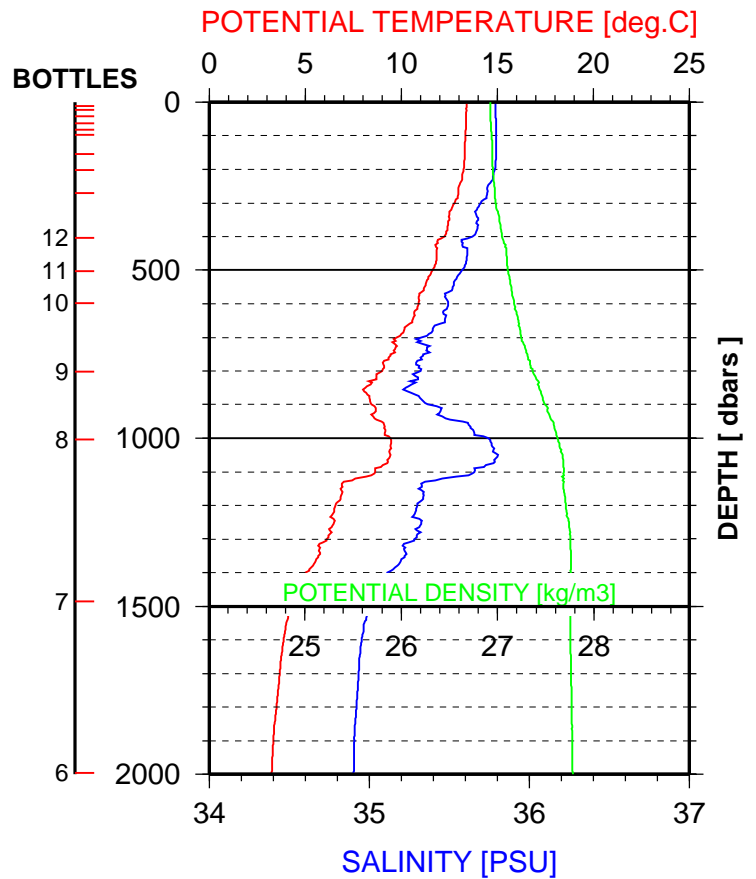
POMME2 - VALID STATION 2013

27 / 3 / 2001 - 10 h 16 m



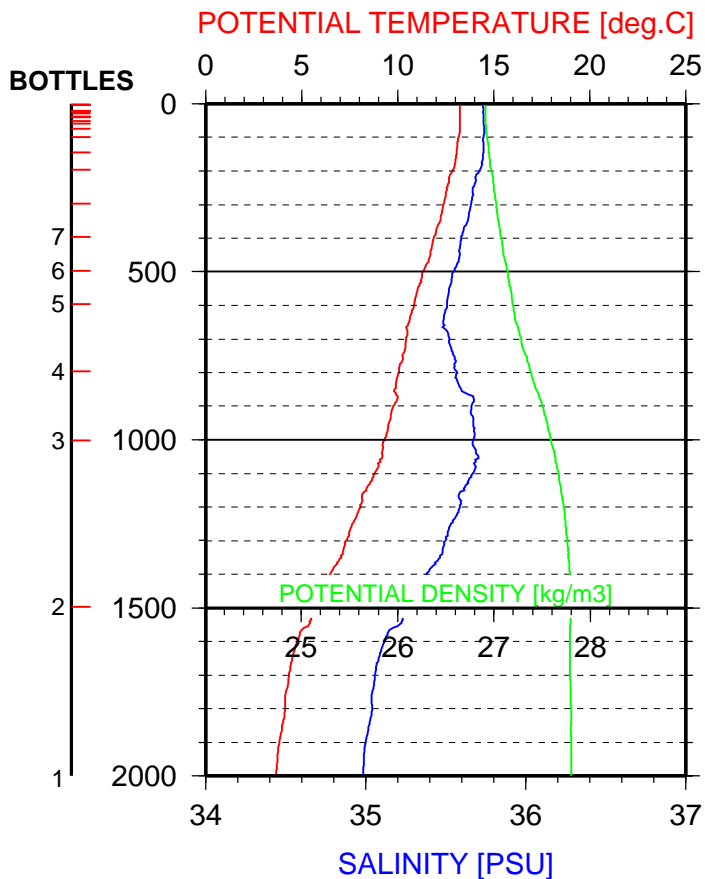
POMME2 - VALID STATION 2014

27 / 3 / 2001 - 19 h 22 m



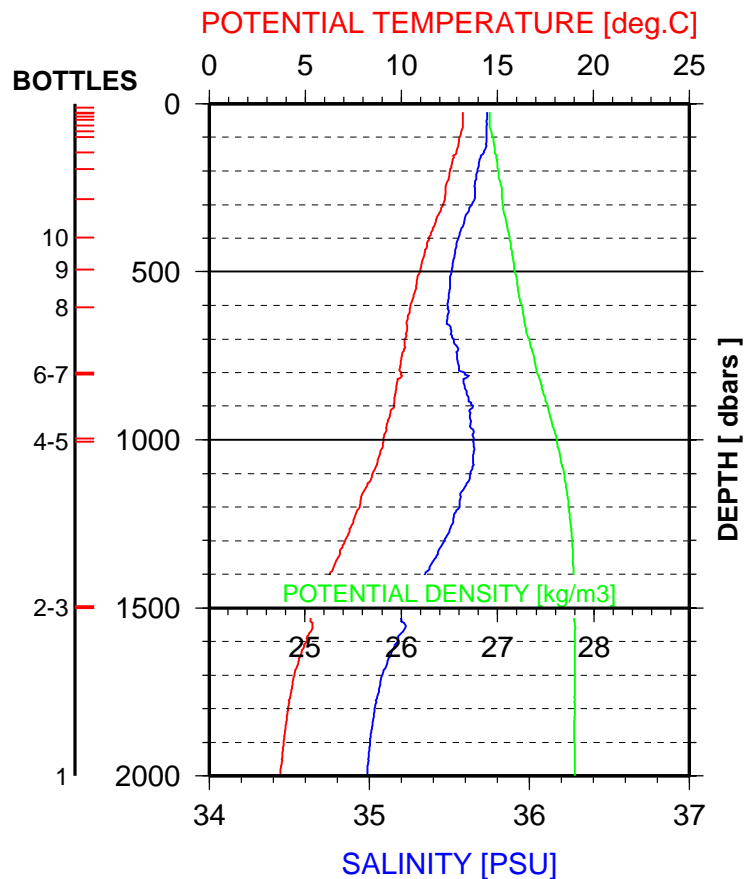
POMME2 - VALID STATION 2015

28 / 3 / 2001 - 2 h 59 m



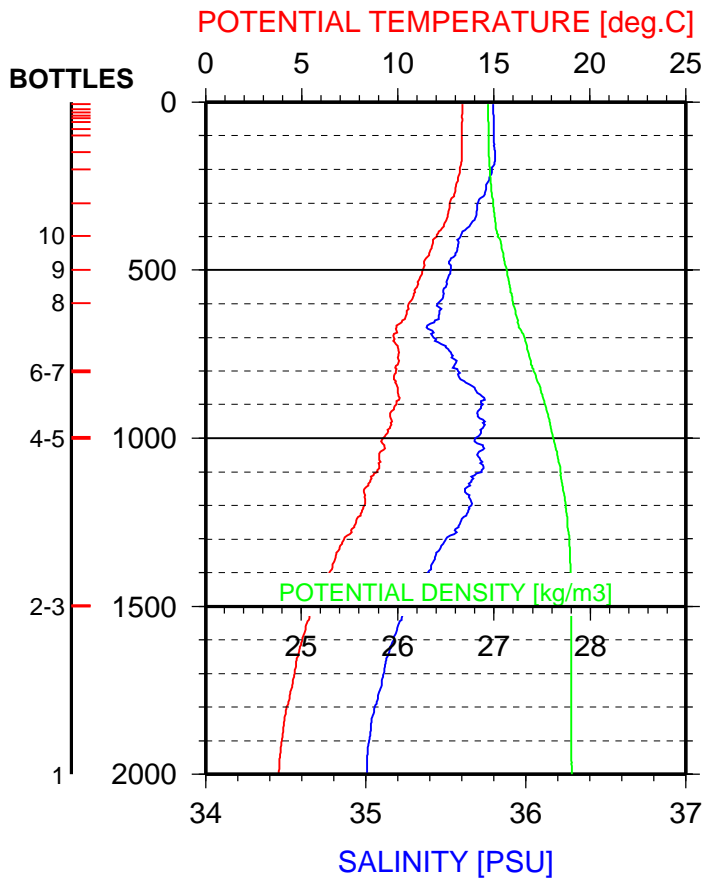
POMME2 - VALID STATION 2016

28 / 3 / 2001 - 8 h 42 m



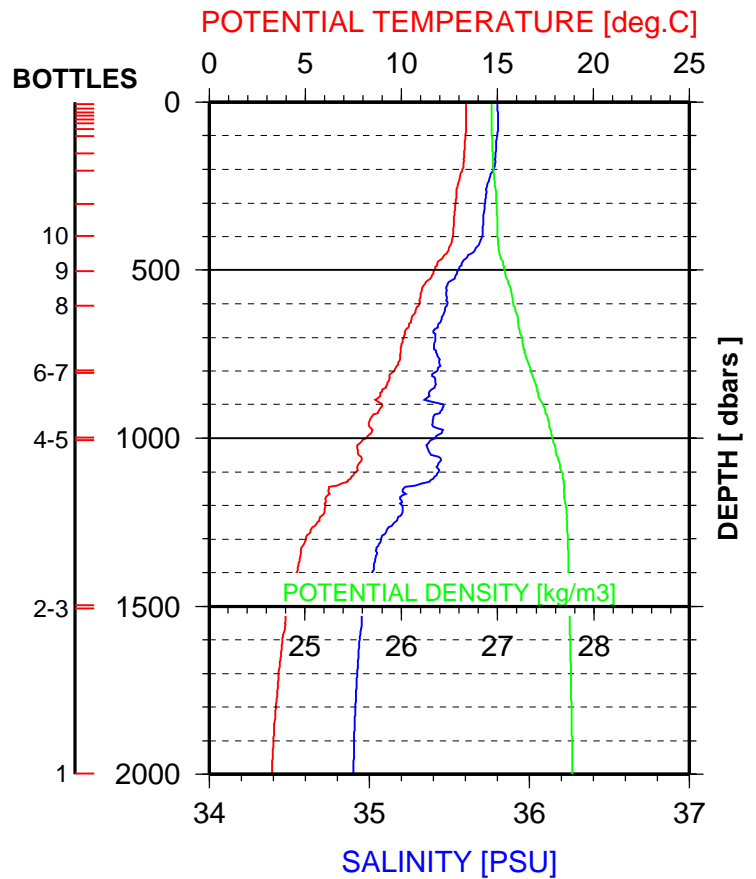
POMME2 - VALID STATION 2017

28 / 3 / 2001 - 16 h 12 m



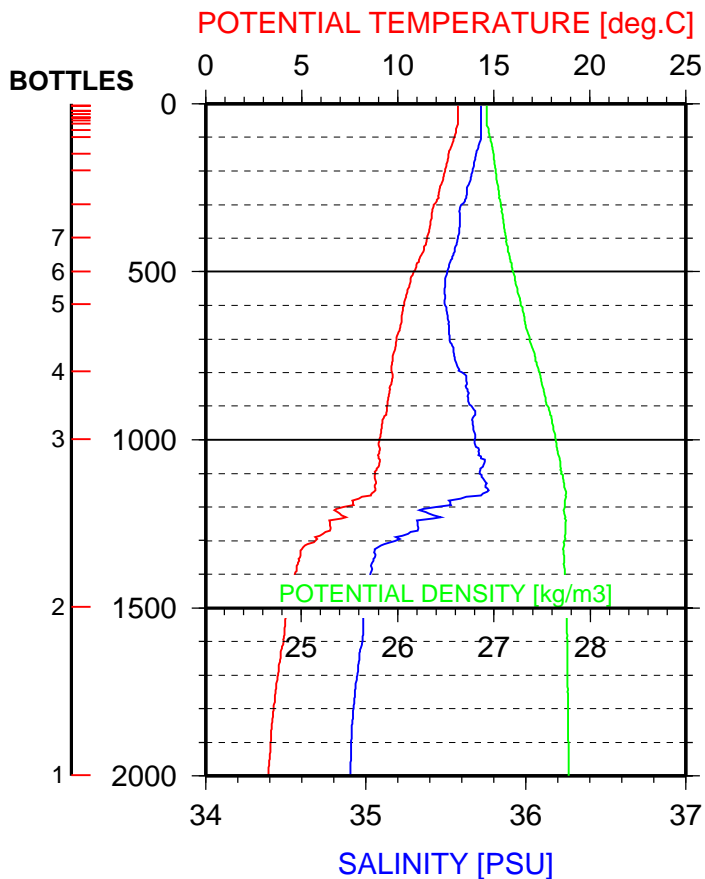
POMME2 - VALID STATION 2018

28 / 3 / 2001 - 20 h 53 m



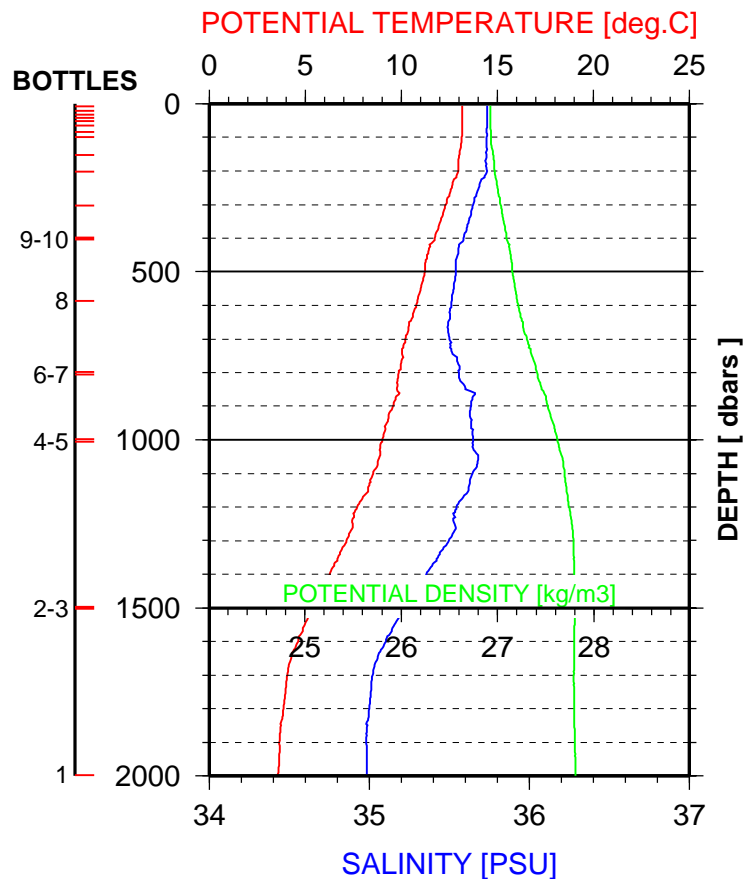
POMME2 - VALID STATION 2019

29 / 3 / 2001 - 2 h 48 m



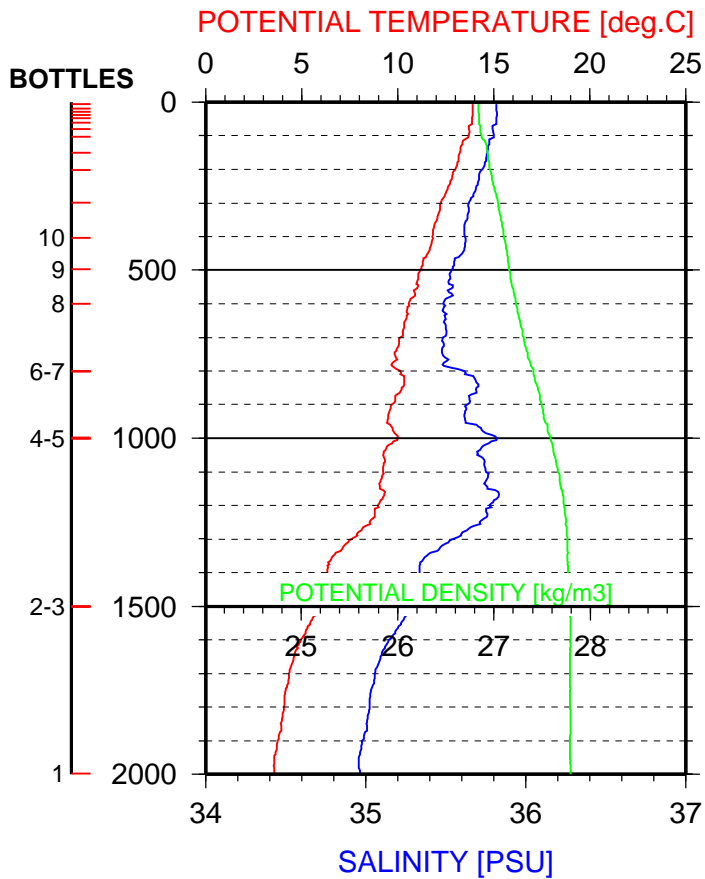
POMME2 - VALID STATION 2020

29 / 3 / 2001 - 7 h 7 m



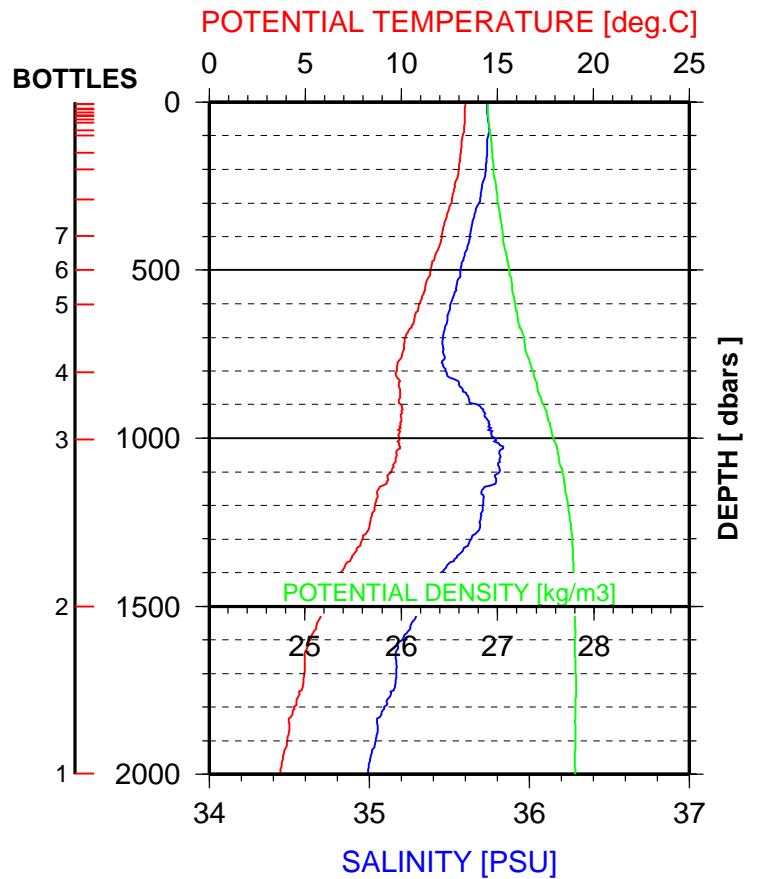
POMME2 - VALID STATION 2021

29 / 3 / 2001 - 15 h 31 m



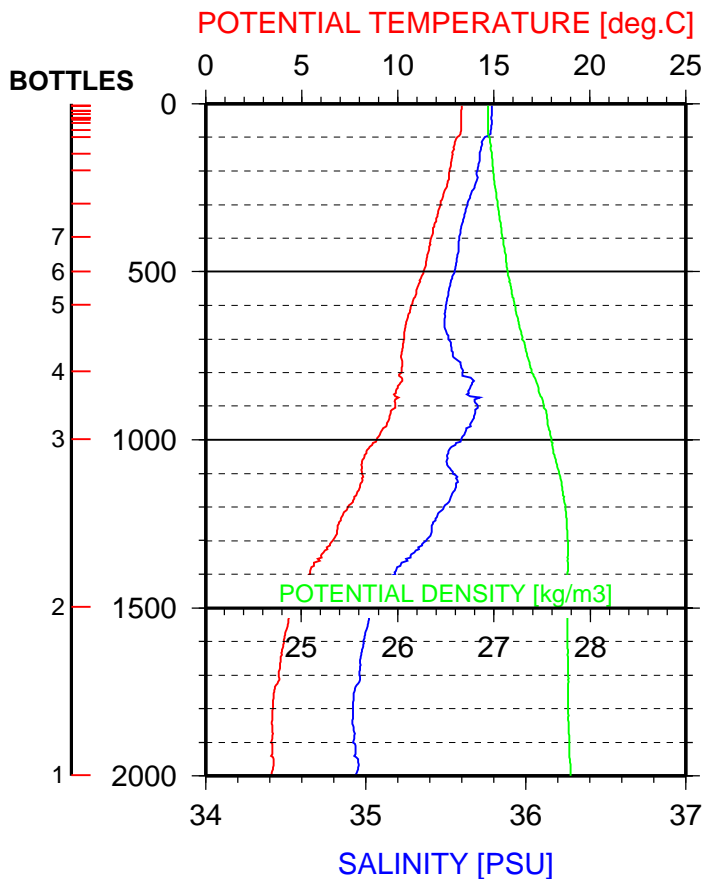
POMME2 - VALID STATION 2022

29 / 3 / 2001 - 19 h 45 m



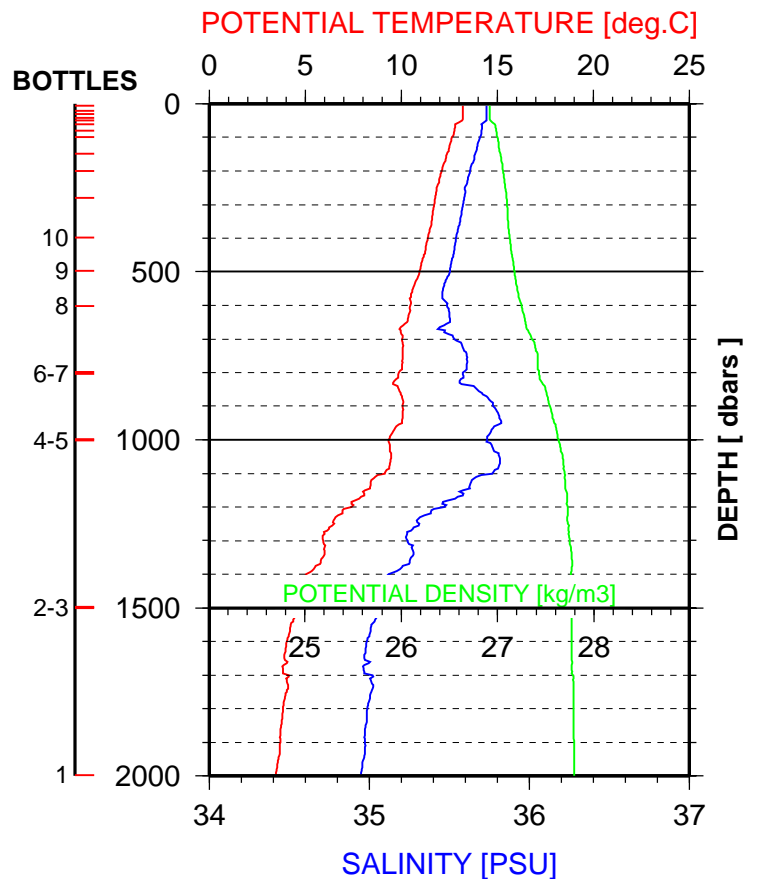
POMME2 - VALID STATION 2023

30 / 3 / 2001 - 1 h 34 m



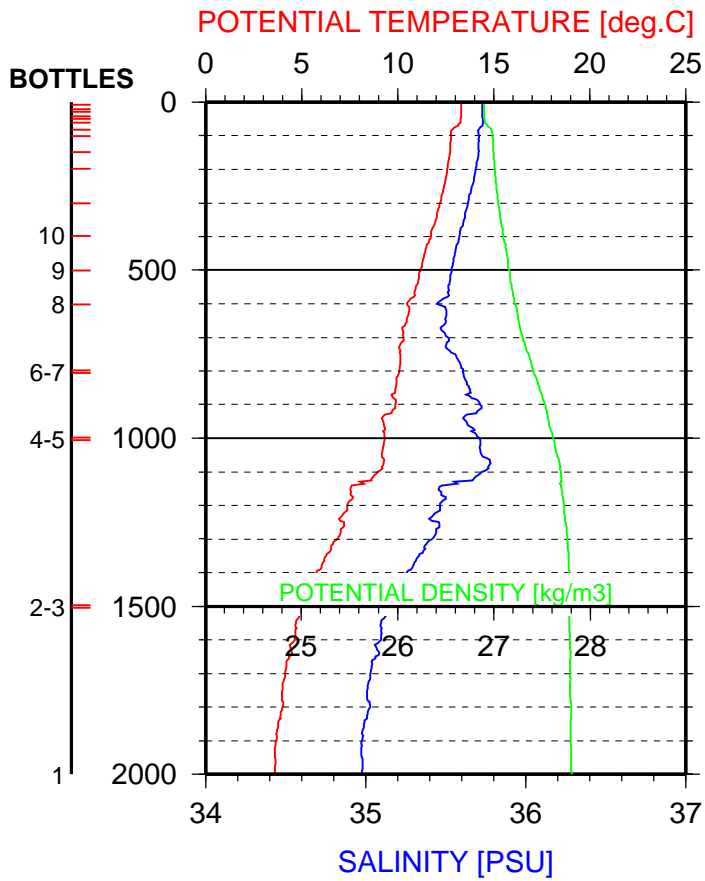
POMME2 - VALID STATION 2024

30 / 3 / 2001 - 5 h 49 m



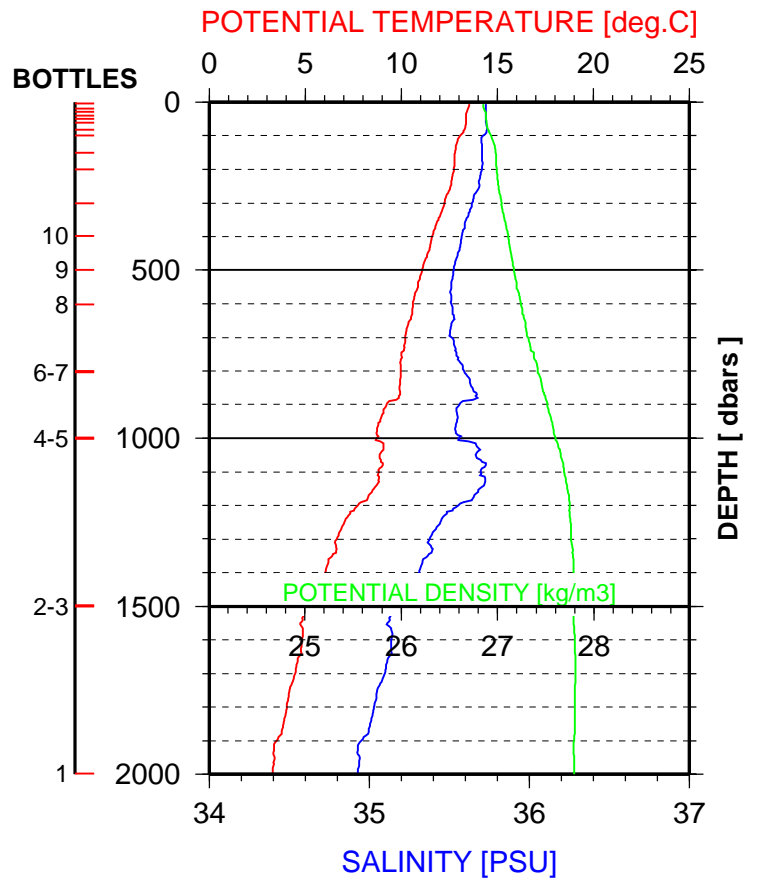
POMME2 - VALID STATION 2025

30 / 3 / 2001 - 9 h 57 m



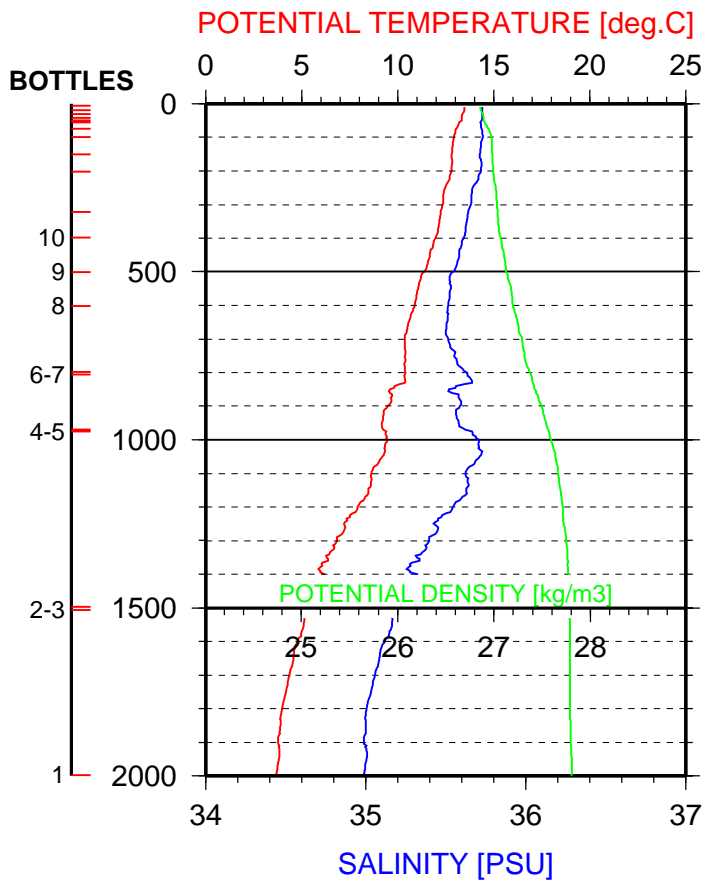
POMME2 - VALID STATION 2026

30 / 3 / 2001 - 15 h 38 m



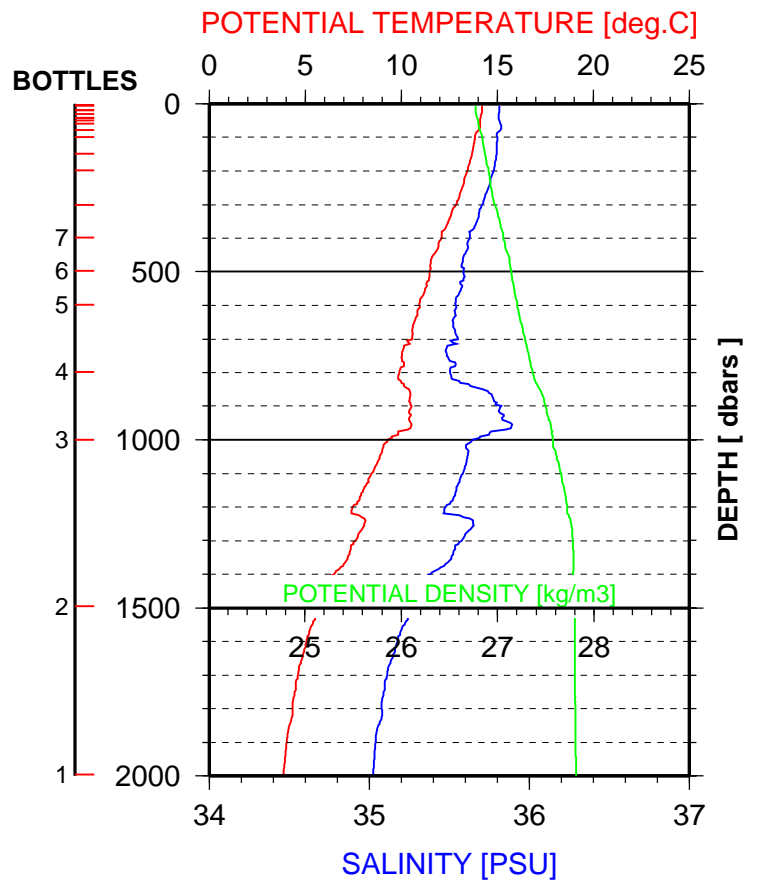
POMME2 - VALID STATION 2027

30 / 3 / 2001 - 19 h 59 m



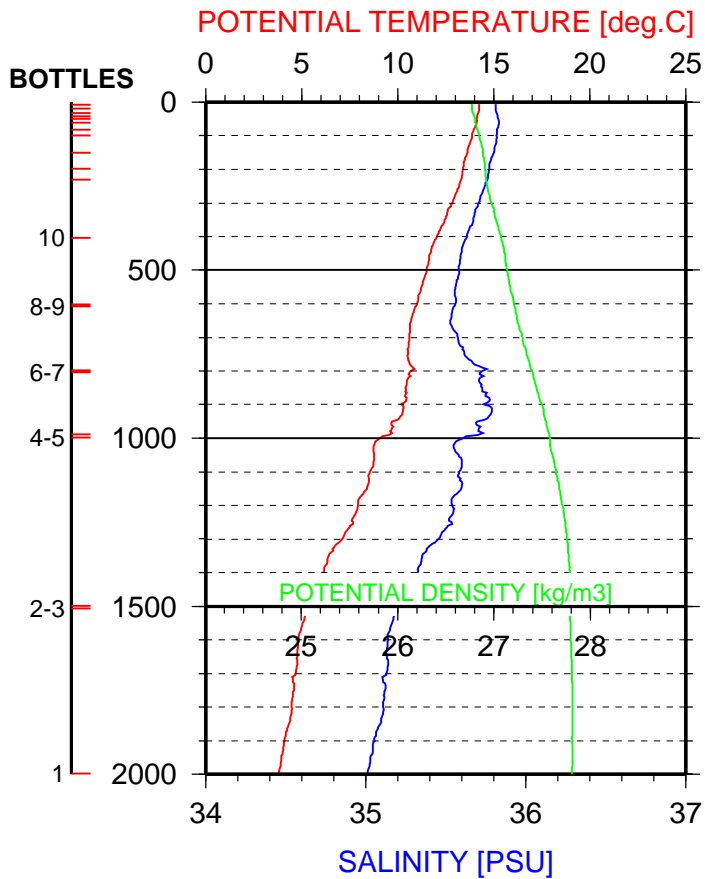
POMME2 - VALID STATION 2028

31 / 3 / 2001 - 1 h 53 m



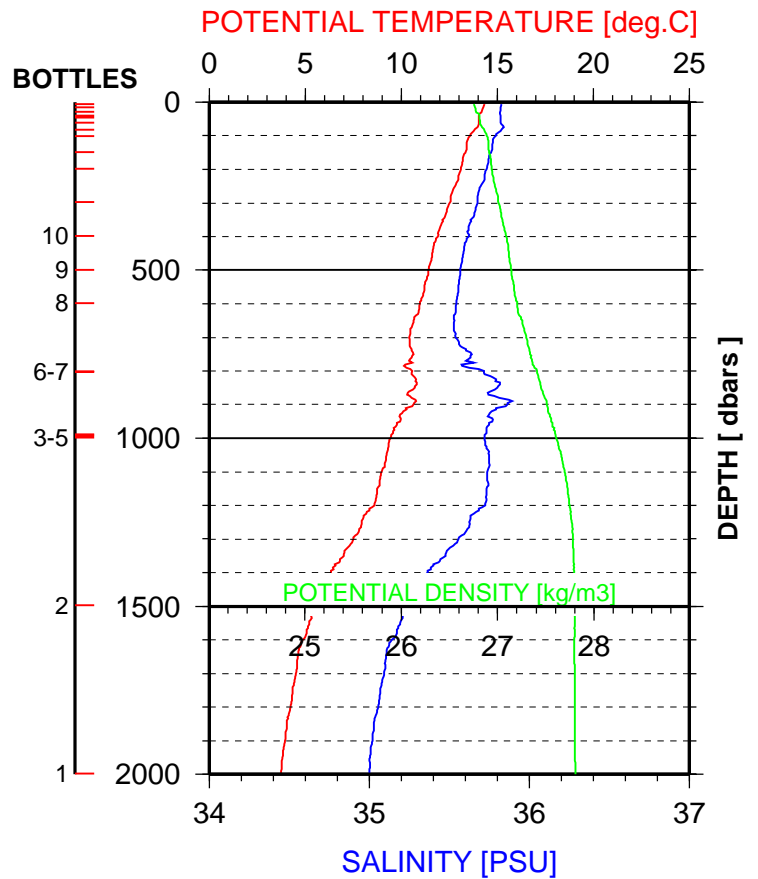
POMME3 - VALID STATION 2029

31 / 3 / 2001 - 7 h 38 m



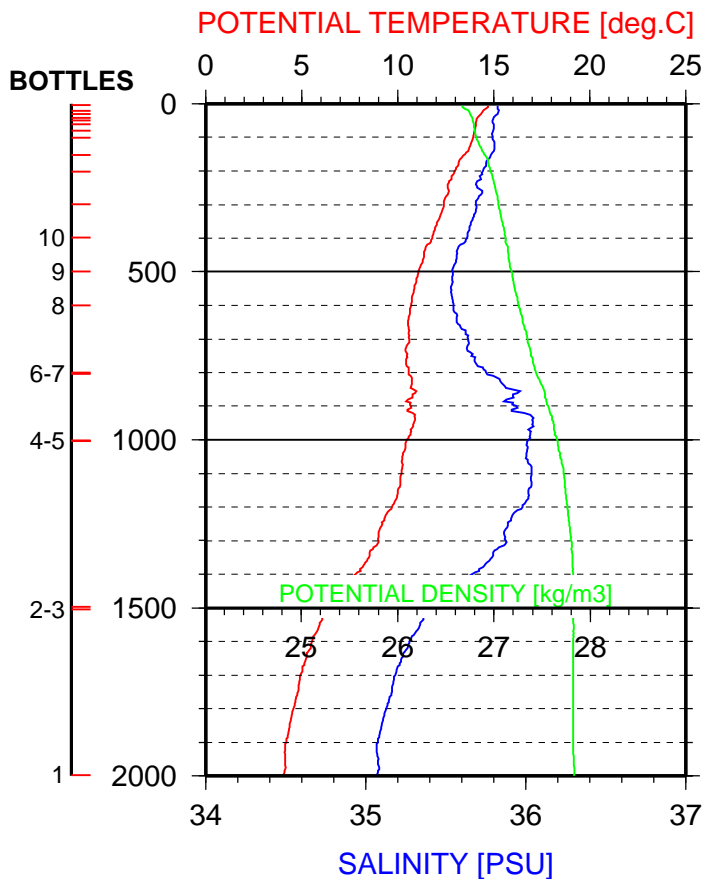
POMME3 - VALID STATION 2030

31 / 3 / 2001 - 11 h 55 m



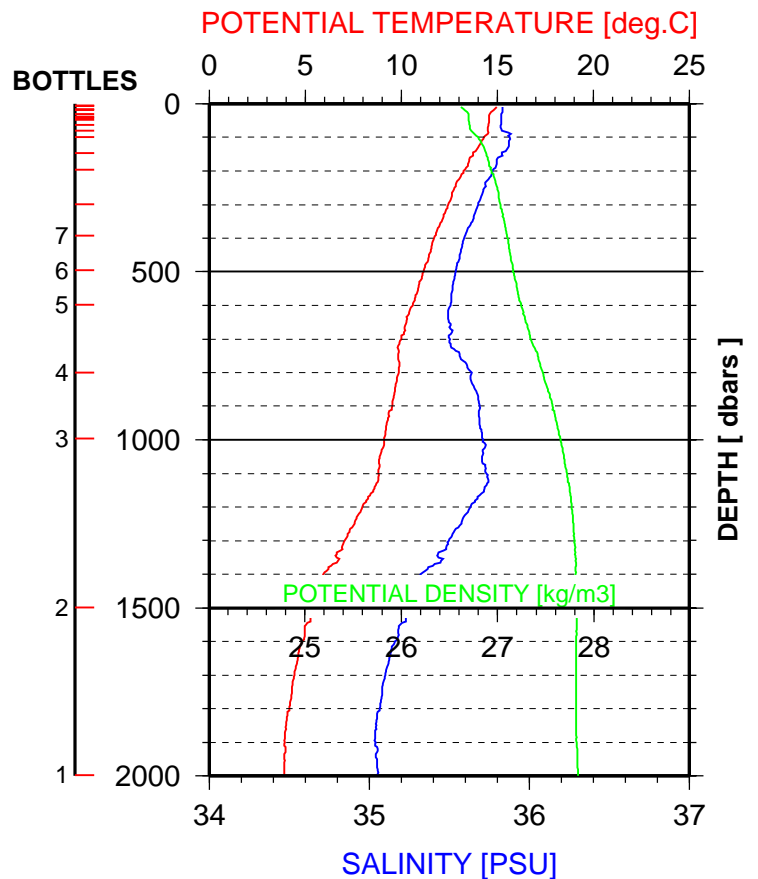
POMME3 - VALID STATION 2031

31 / 3 / 2001 - 17 h 44 m



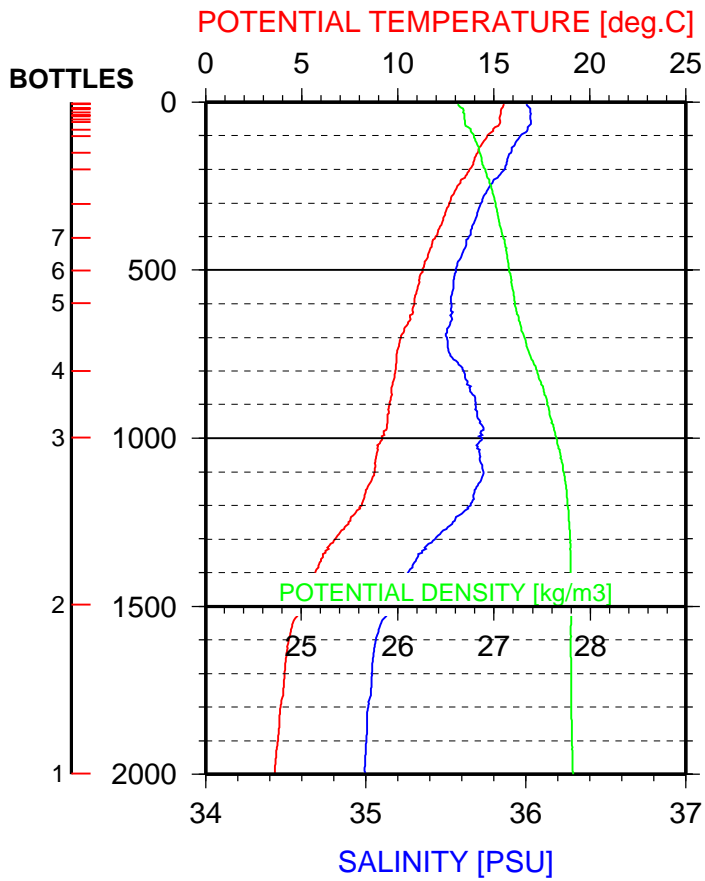
POMME3 - VALID STATION 2032

31 / 3 / 2001 - 23 h 31 m



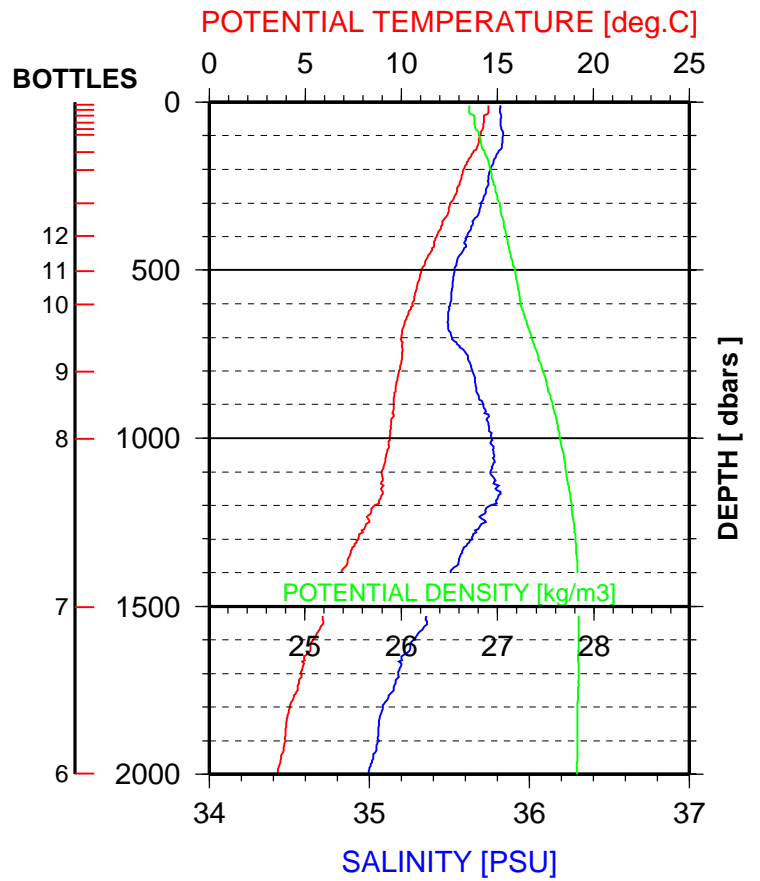
POMME2 - VALID STATION 2033

1 / 4 / 2001 - 4 h 10 m



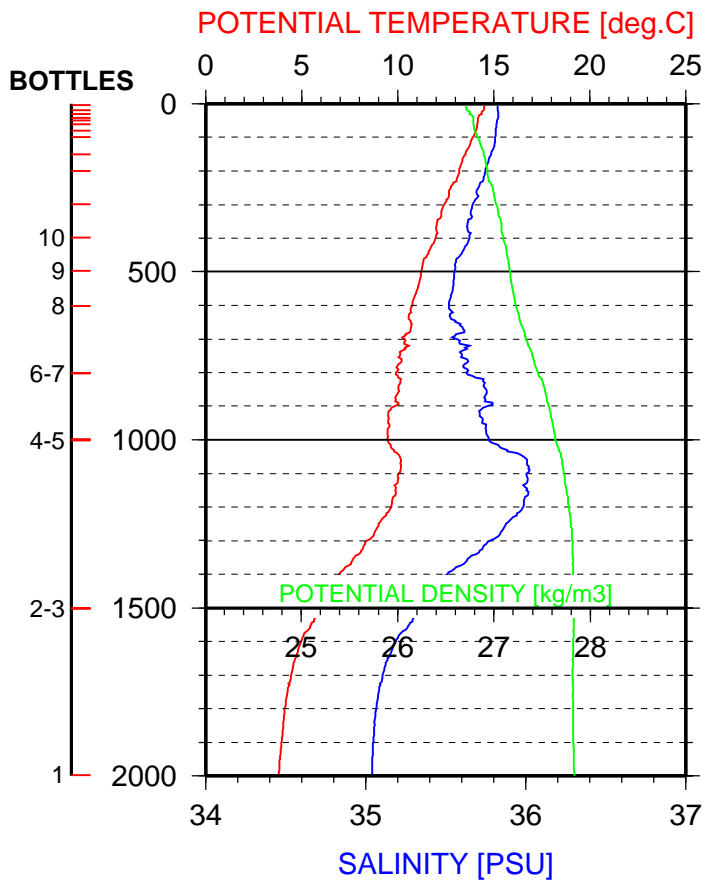
POMME2 - VALID STATION 2034

1 / 4 / 2001 - 8 h 54 m



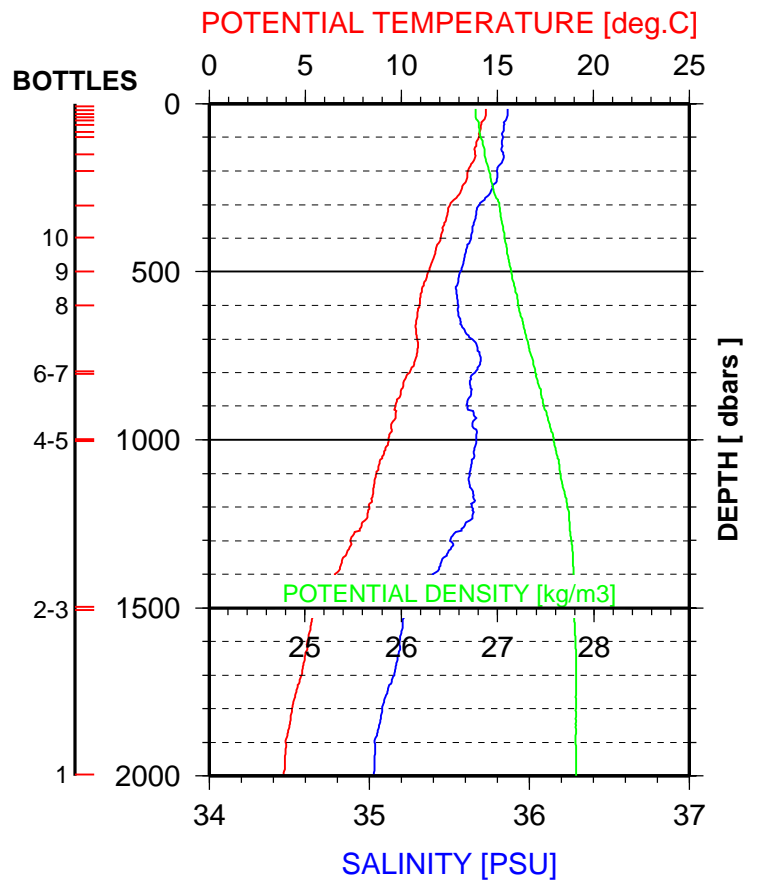
POMME2 - VALID STATION 2035

1 / 4 / 2001 - 16 h 14 m



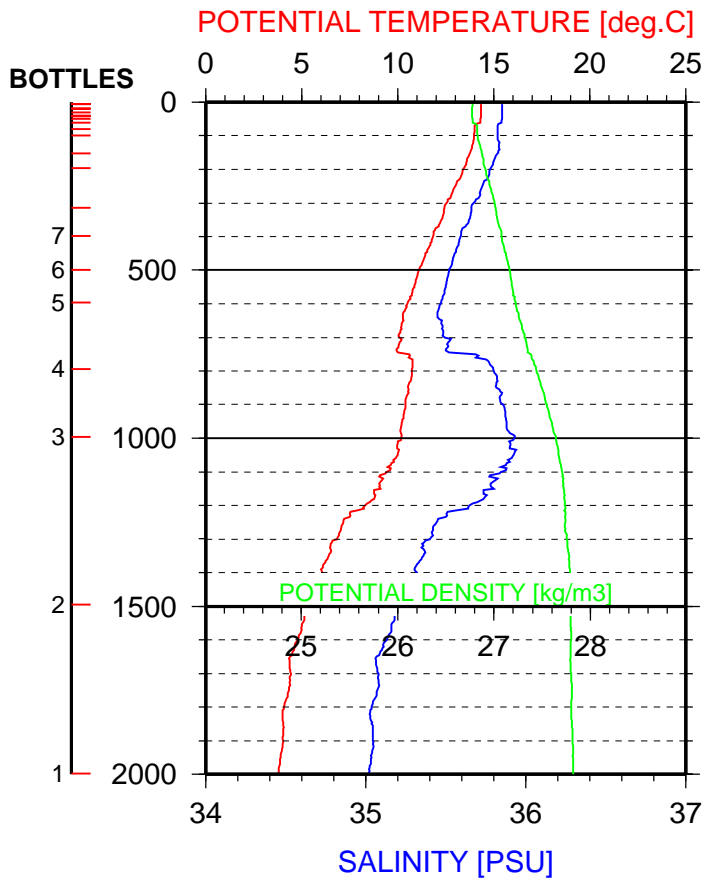
POMME2 - VALID STATION 2036

1 / 4 / 2001 - 20 h 45 m



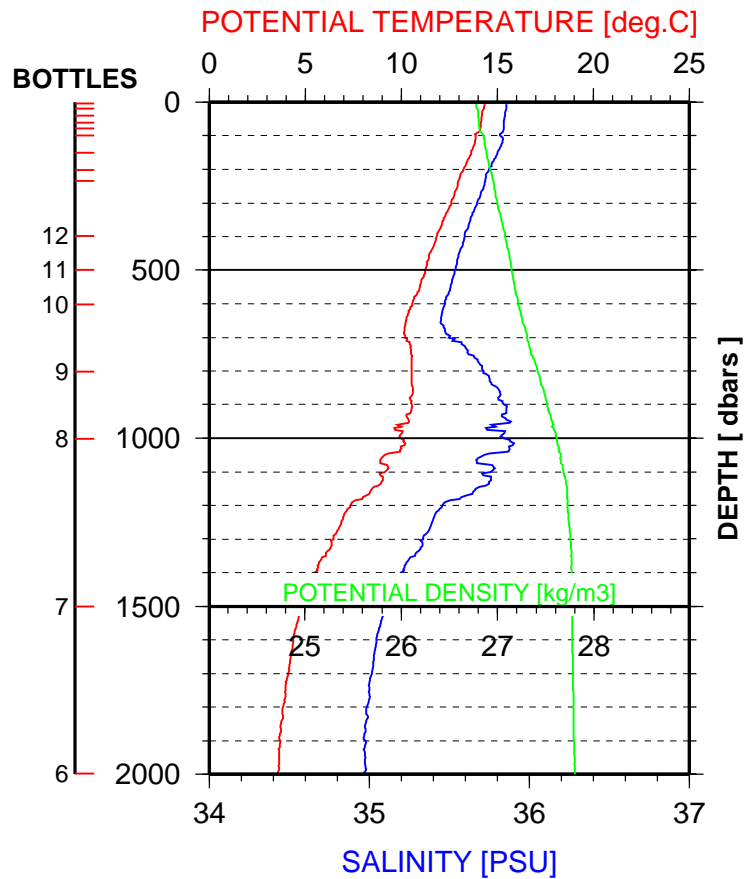
POMME2 - VALID STATION 2037

2 / 4 / 2001 - 1 h 45 m



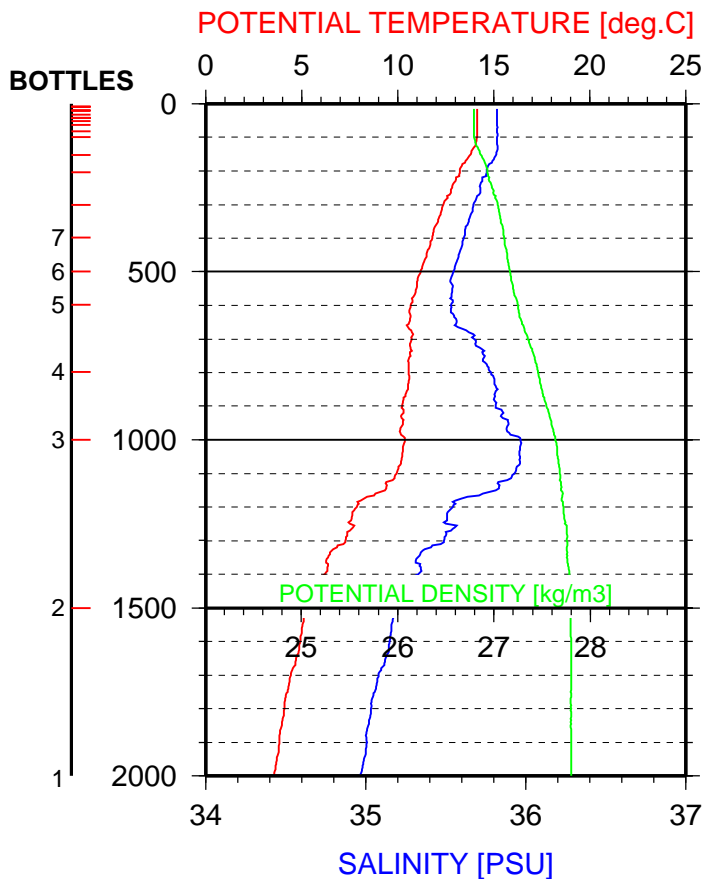
POMME2 - VALID STATION 2038

2 / 4 / 2001 - 16 h 20 m



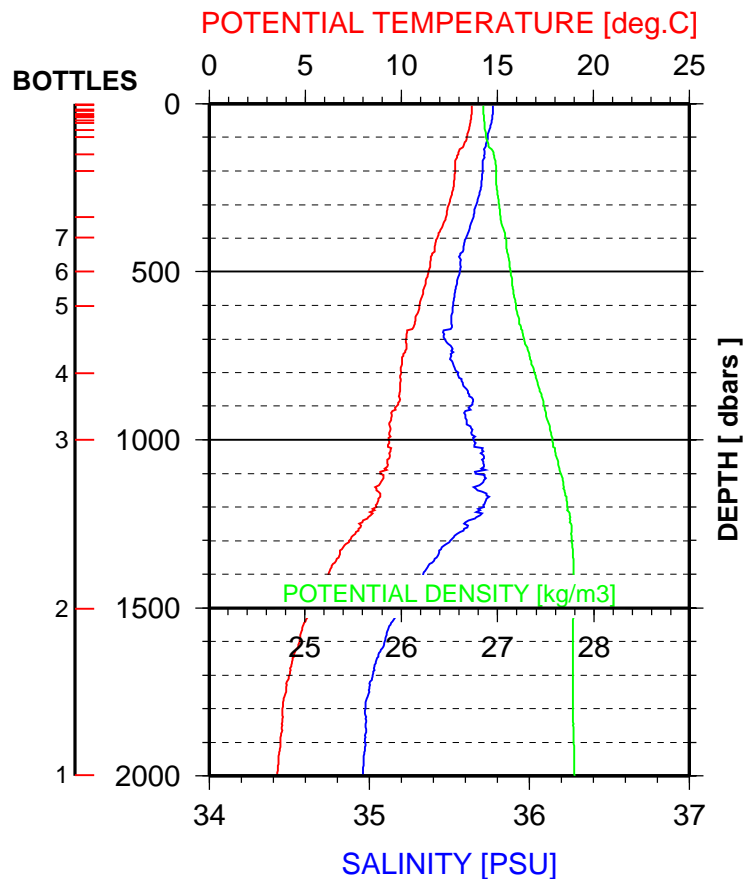
POMME2 - VALID STATION 2039

2 / 4 / 2001 - 22 h 24 m



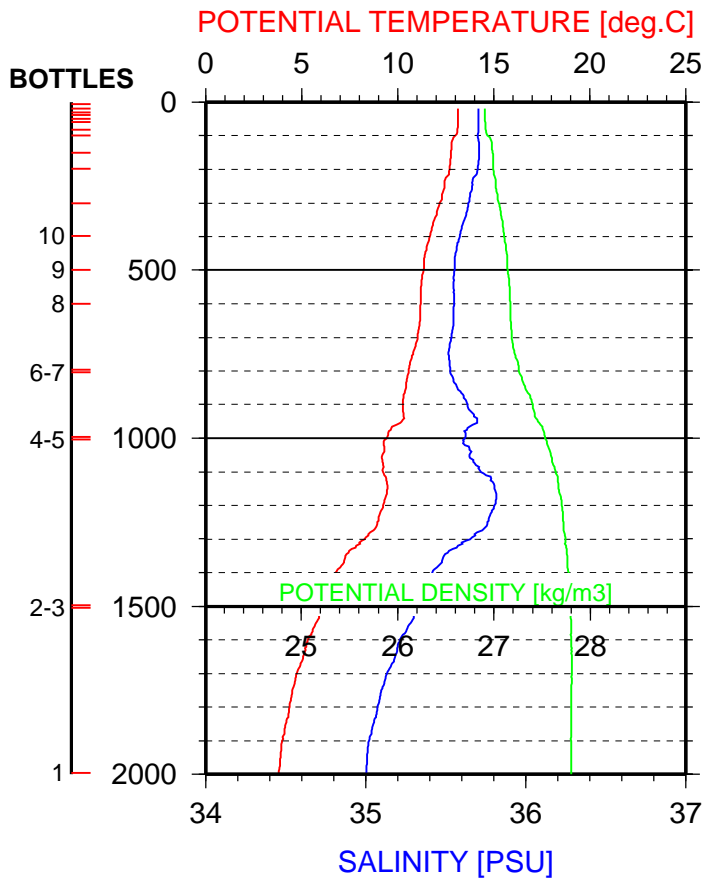
POMME2 - VALID STATION 2040

3 / 4 / 2001 - 2 h 57 m



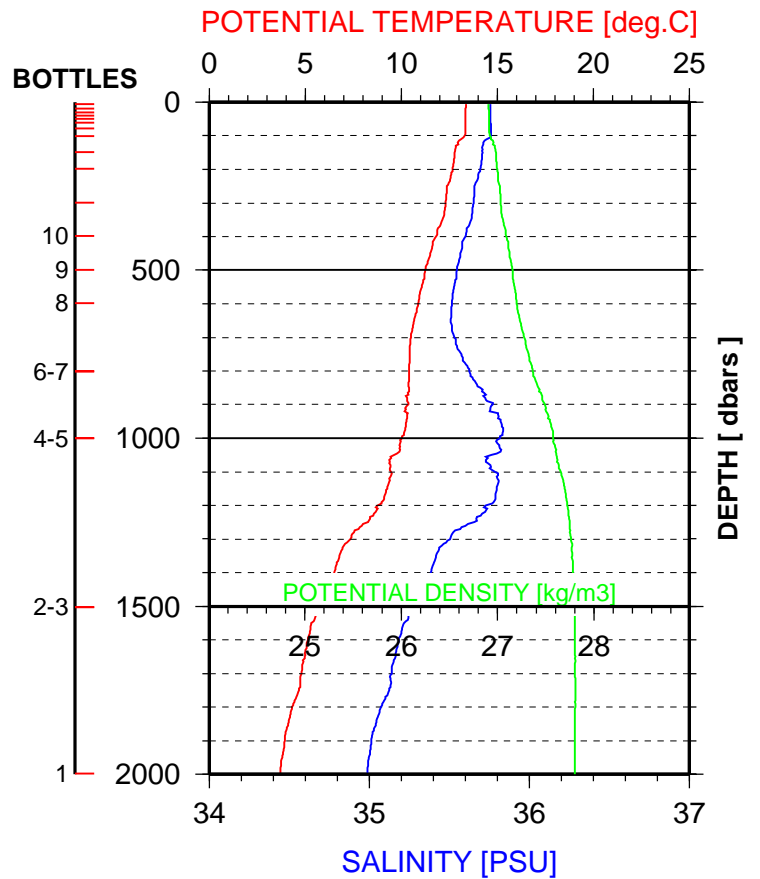
POMME2 - VALID STATION 2041

3 / 4 / 2001 - 9 h 48 m



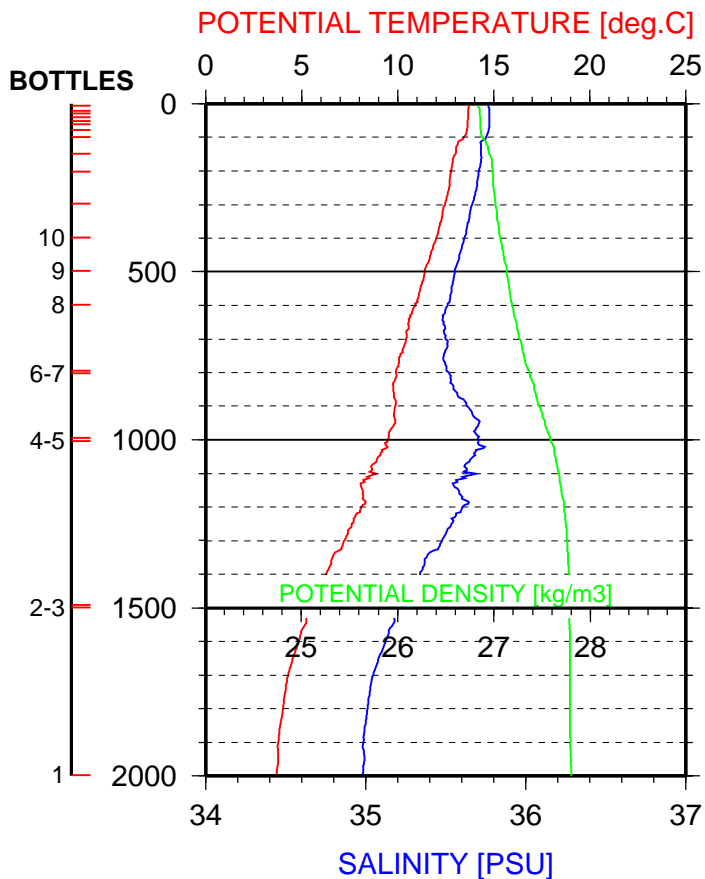
POMME2 - VALID STATION 2042

3 / 4 / 2001 - 14 h 29 m



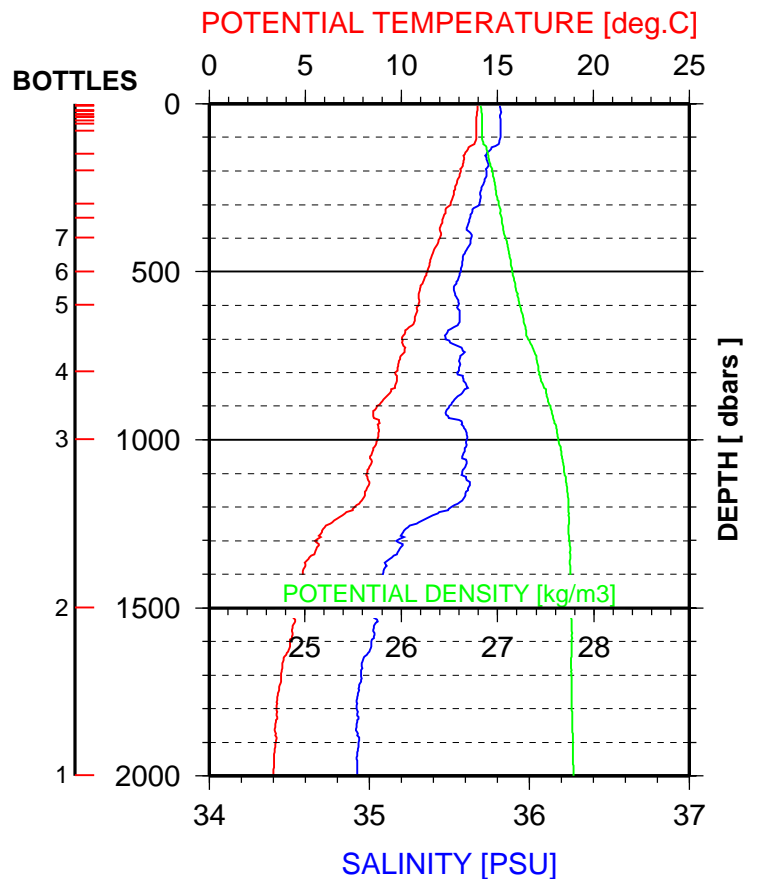
POMME2 - VALID STATION 2043

3 / 4 / 2001 - 20 h 34 m



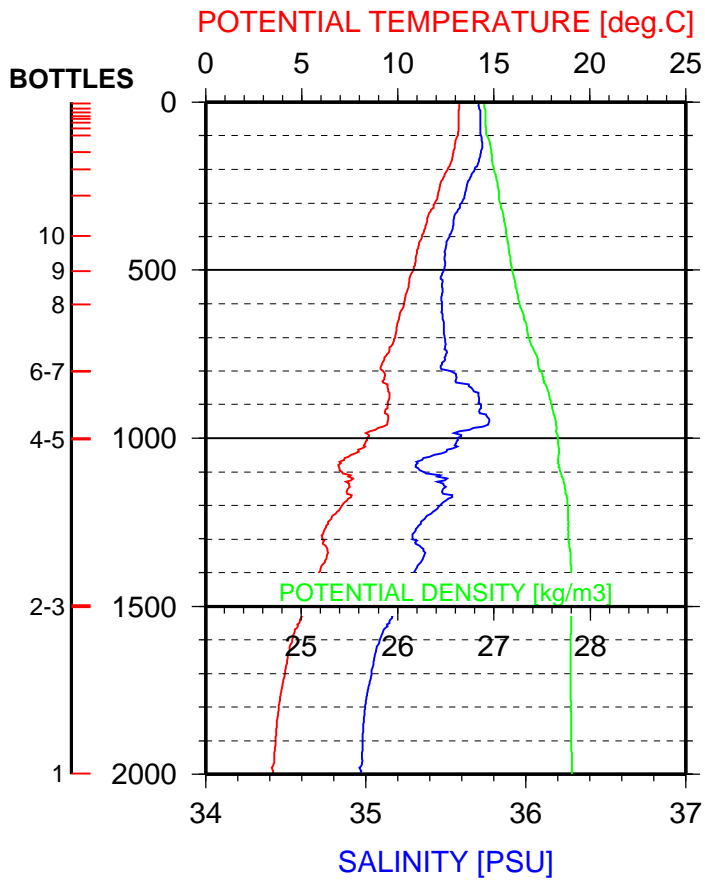
POMME2 - VALID STATION 2044

4 / 4 / 2001 - 2 h 25 m



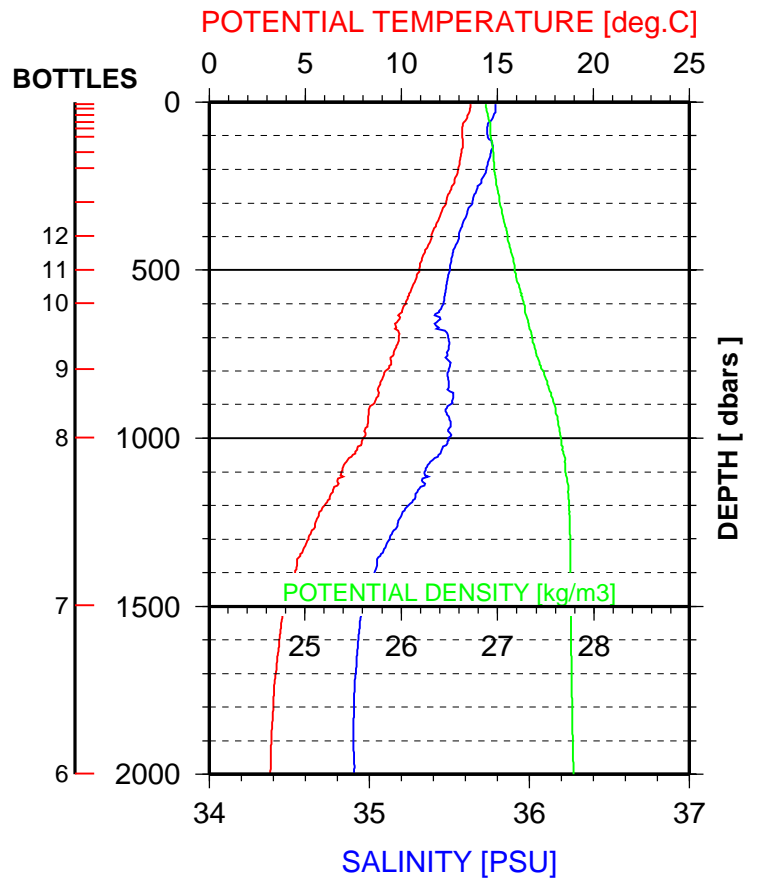
POMME2 - VALID STATION 2045

4 / 4 / 2001 - 6 h 39 m



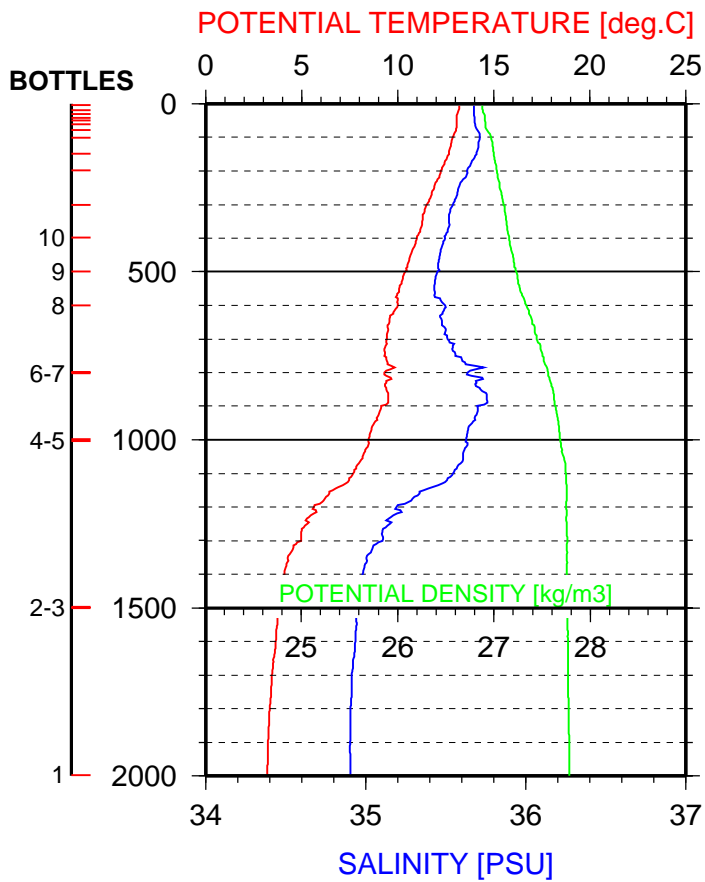
POMME2 - VALID STATION 2046

4 / 4 / 2001 - 12 h 55 m



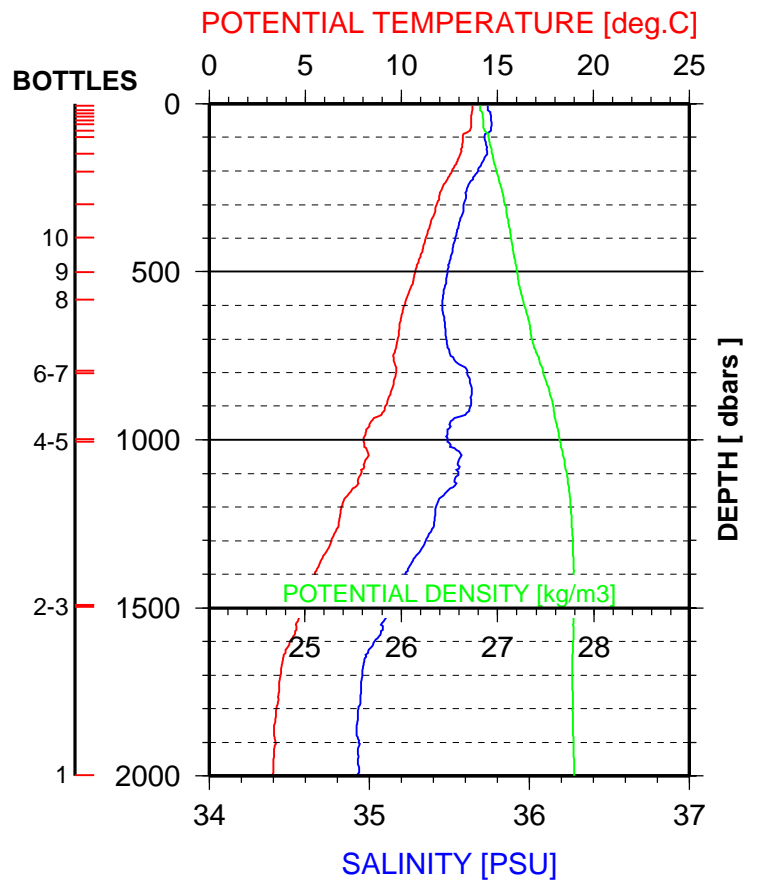
POMME2 - VALID STATION 2047

4 / 4 / 2001 - 18 h 47 m



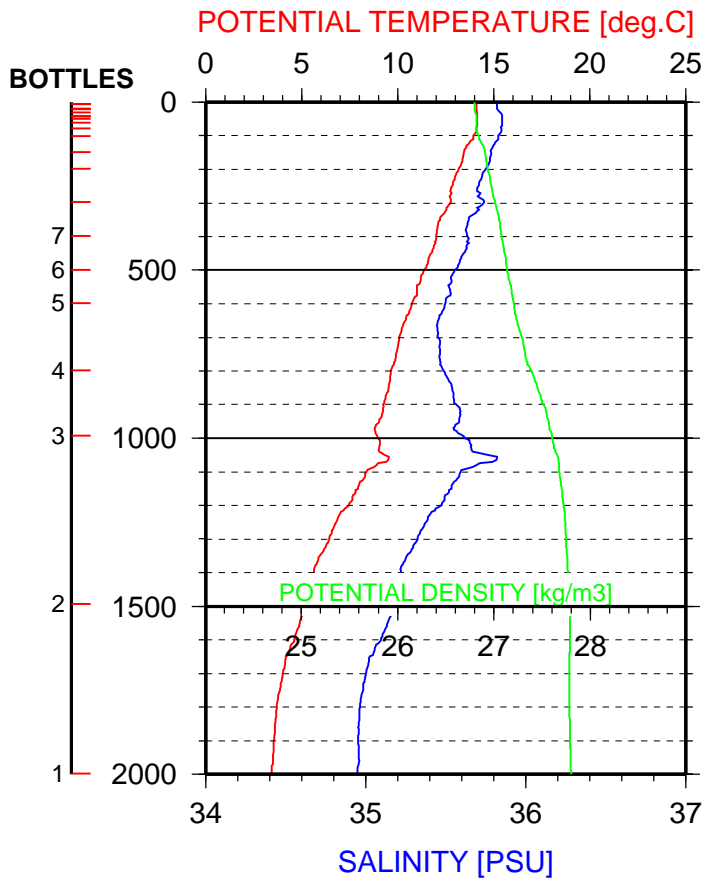
POMME2 - VALID STATION 2048

4 / 4 / 2001 - 22 h 47 m



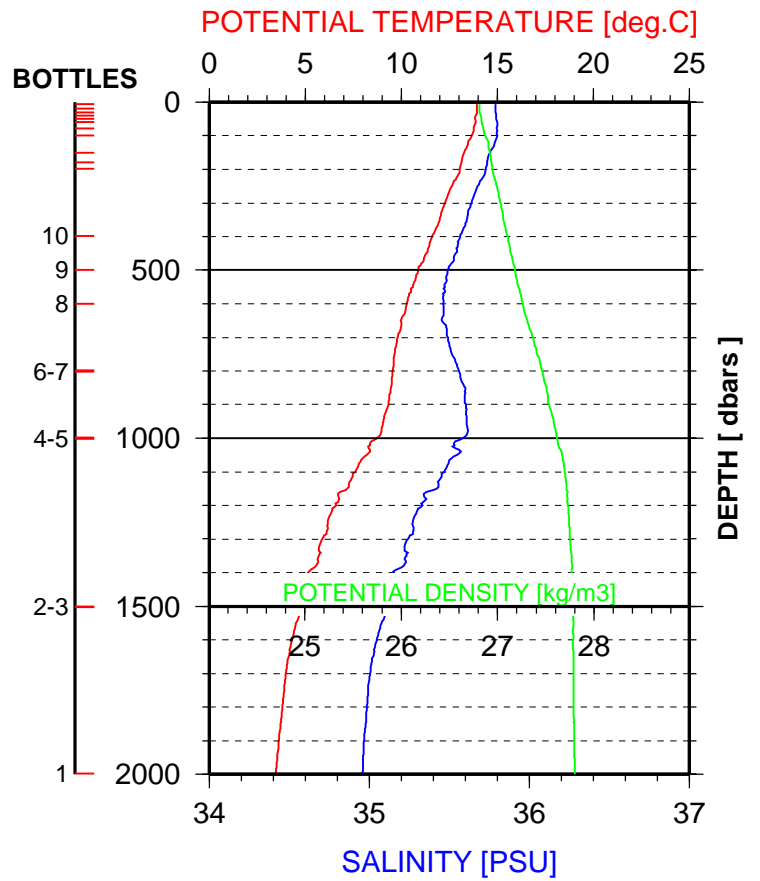
POMME2 - VALID STATION 2049

5 / 4 / 2001 - 3 h 0 m



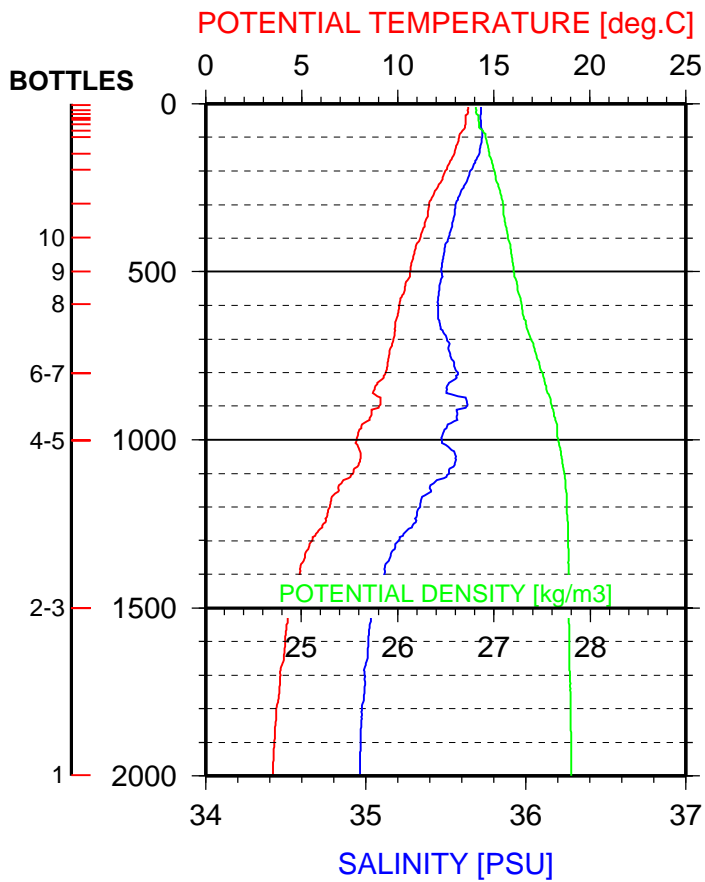
POMME2 - VALID STATION 2050

5 / 4 / 2001 - 7 h 27 m



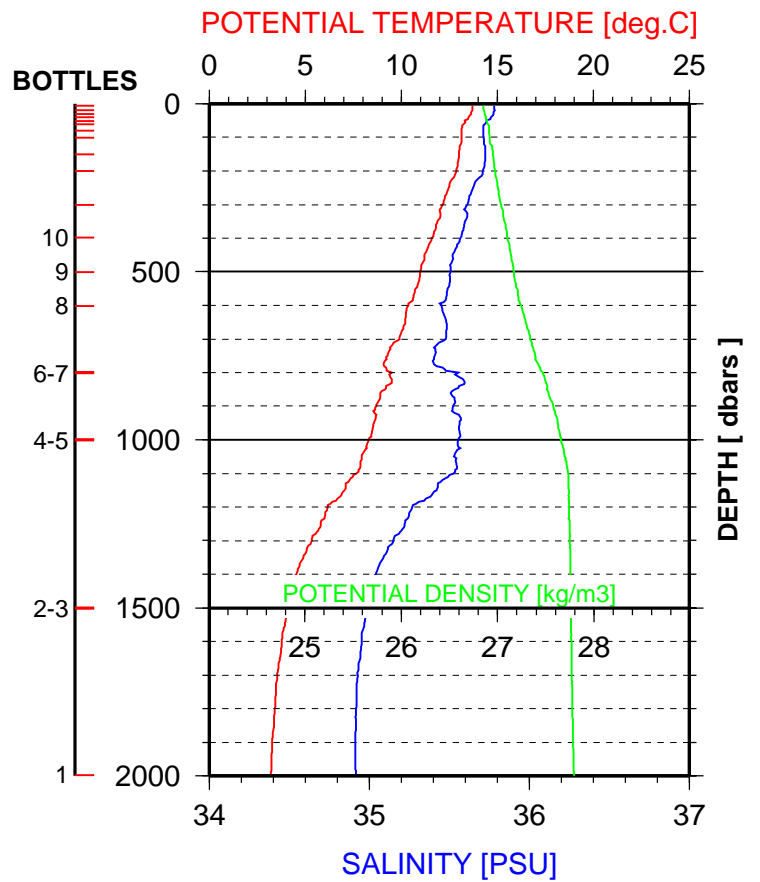
POMME2 - VALID STATION 2051

5 / 4 / 2001 - 11 h 54 m



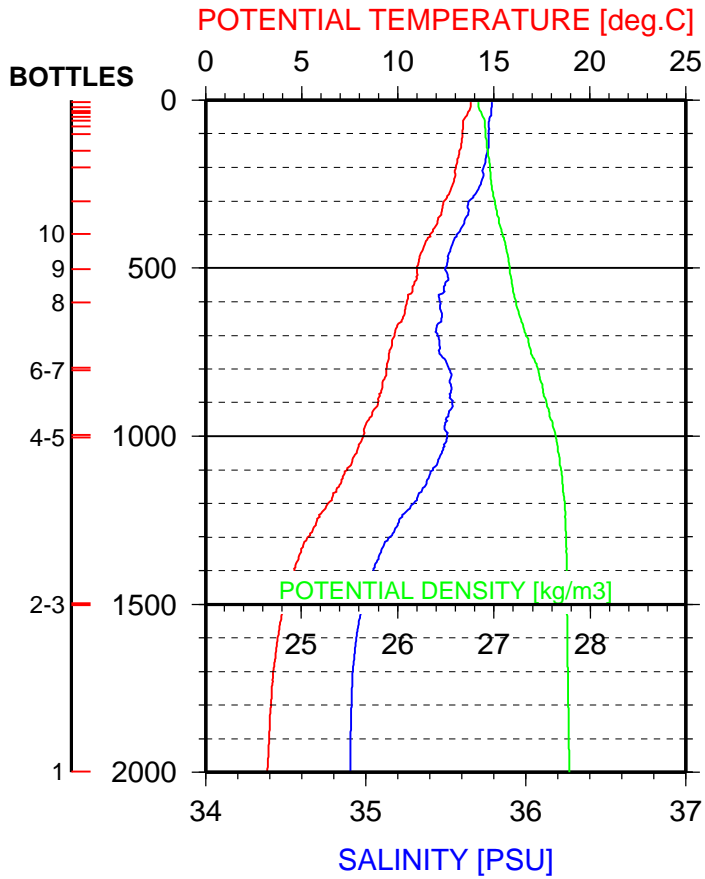
POMME2 - VALID STATION 2052

5 / 4 / 2001 - 16 h 35 m



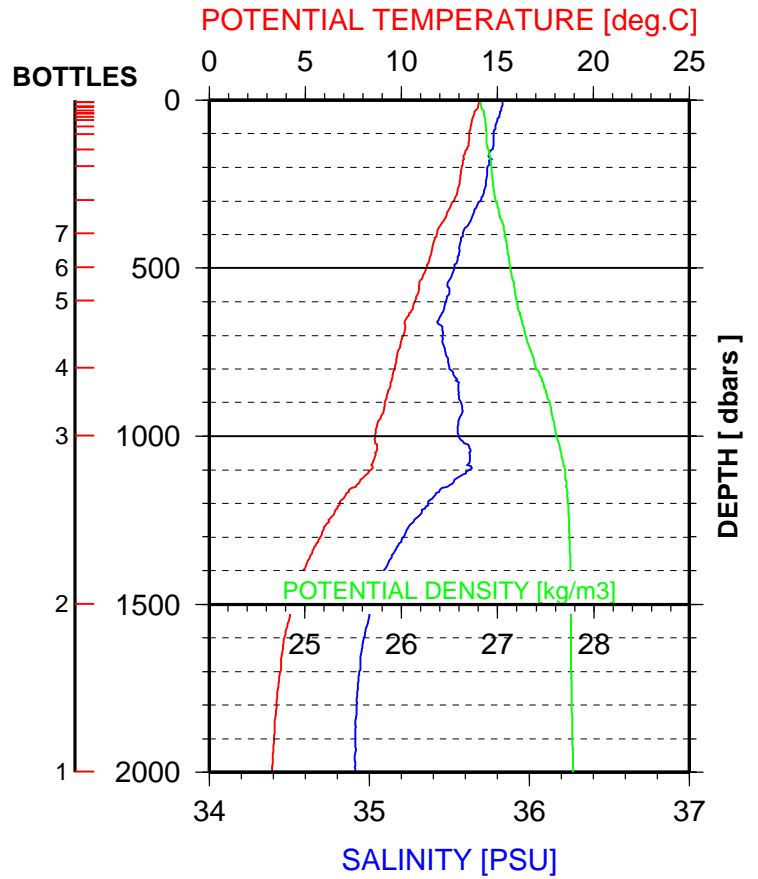
POMME2 - VALID STATION 2053

5 / 4 / 2001 - 21 h 22 m



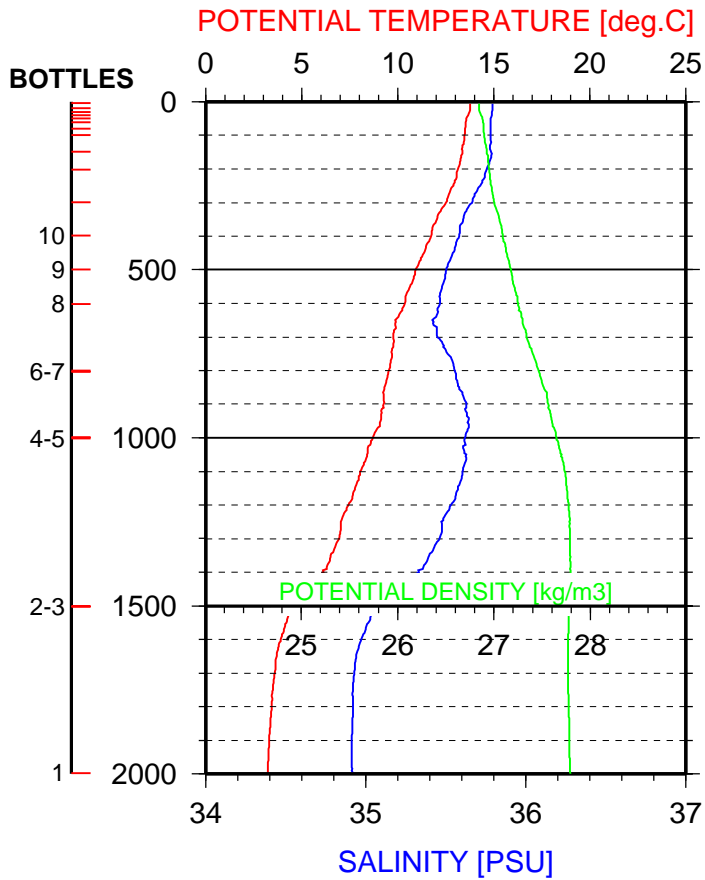
POMME2 - VALID STATION 2054

6 / 4 / 2001 - 1 h 40 m



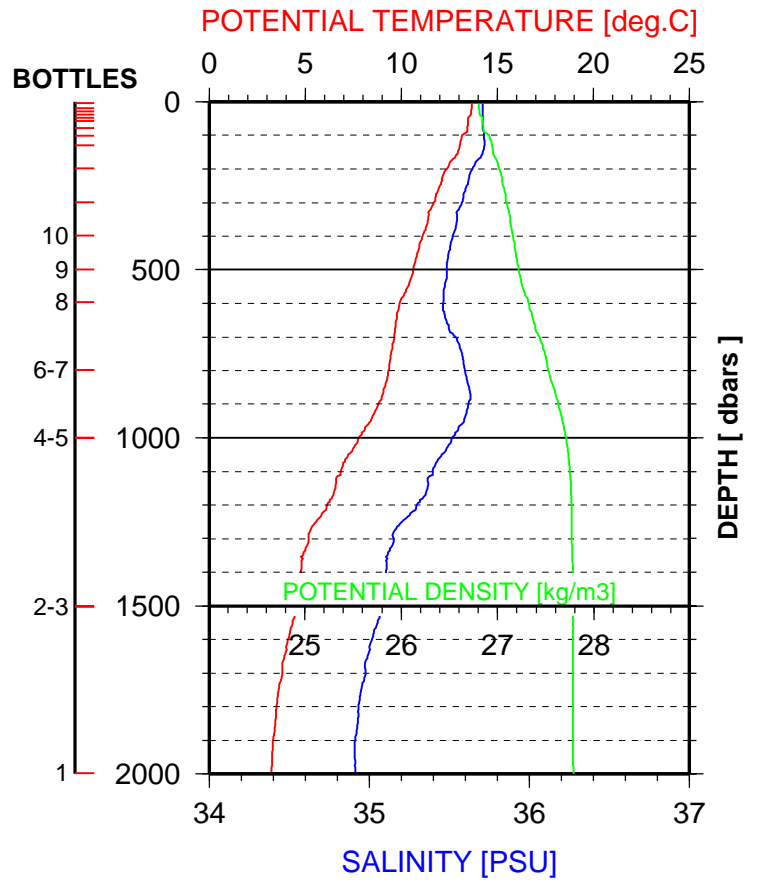
POMME2 - VALID STATION 2055

6 / 4 / 2001 - 5 h 45 m



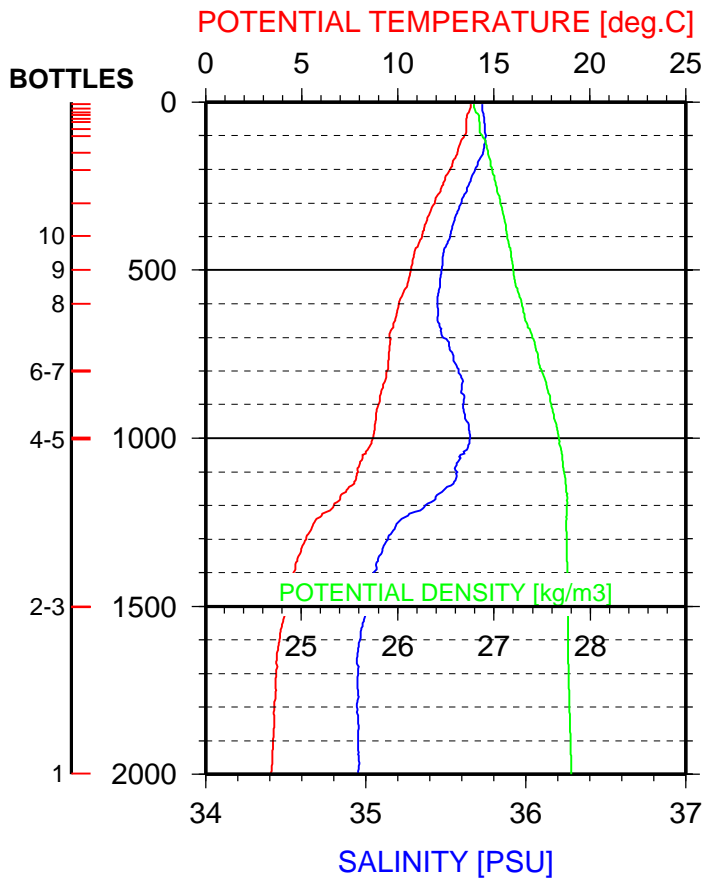
POMME2 - VALID STATION 2056

6 / 4 / 2001 - 11 h 14 m



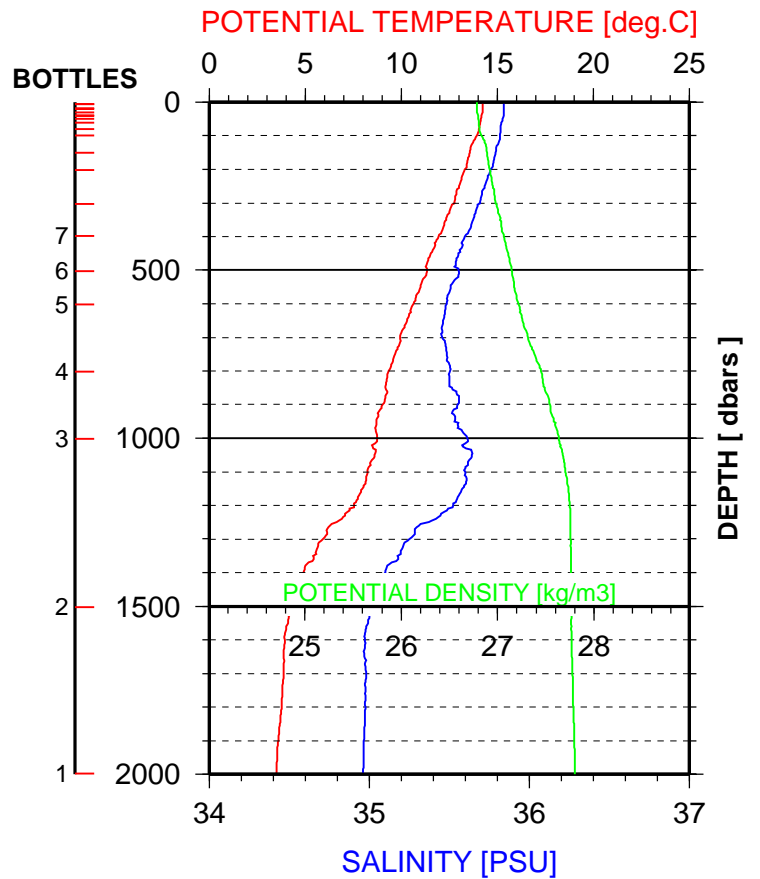
POMME2 - VALID STATION 2057

6 / 4 / 2001 - 15 h 24 m



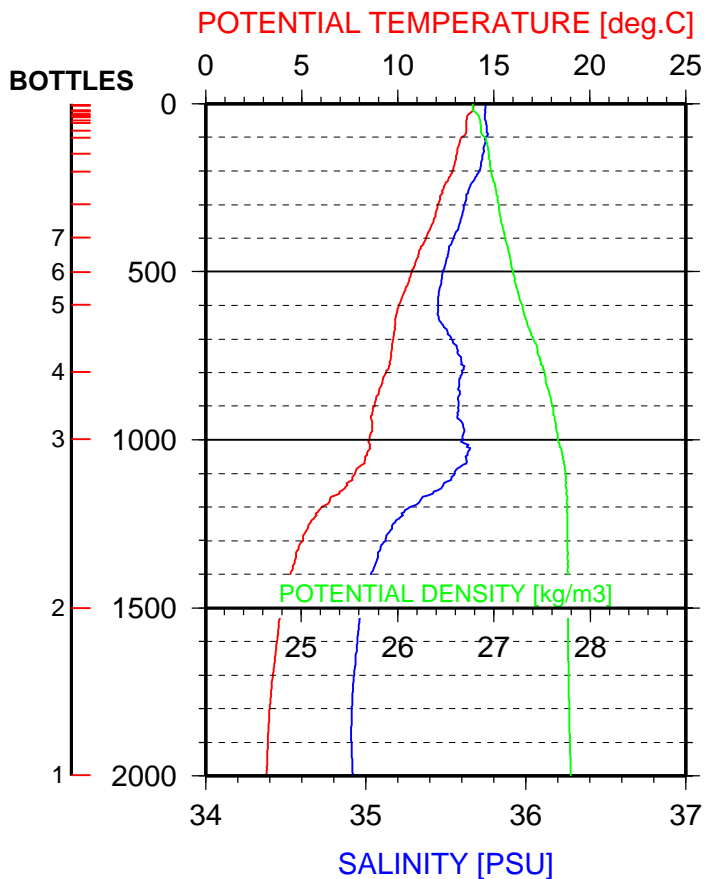
POMME2 - VALID STATION 2058

6 / 4 / 2001 - 22 h 21 m



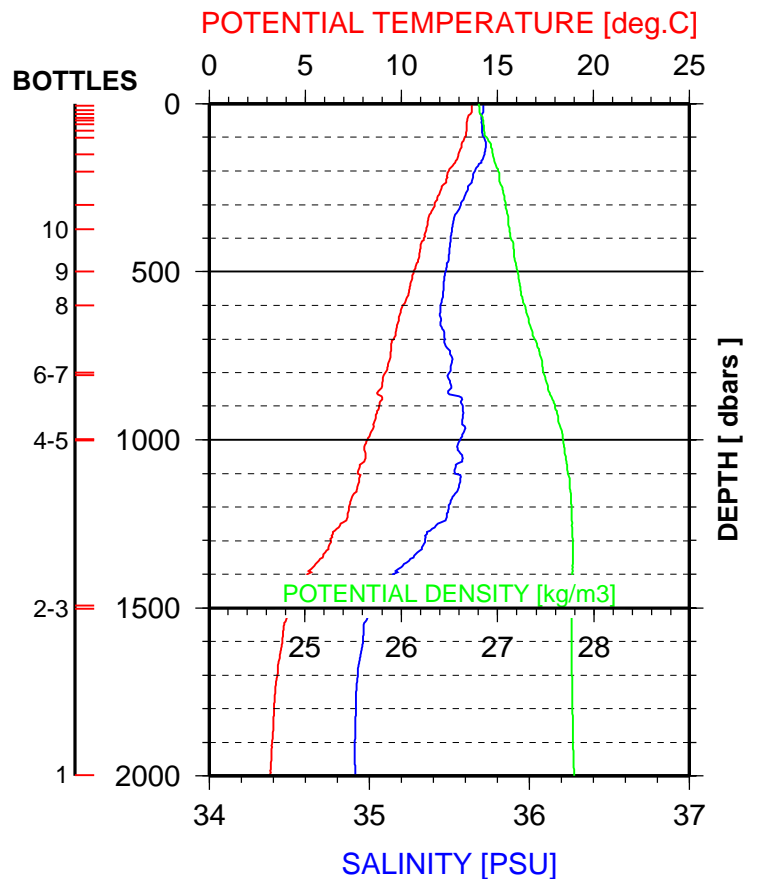
POMME2 - VALID STATION 2059

7 / 4 / 2001 - 3 h 2 m



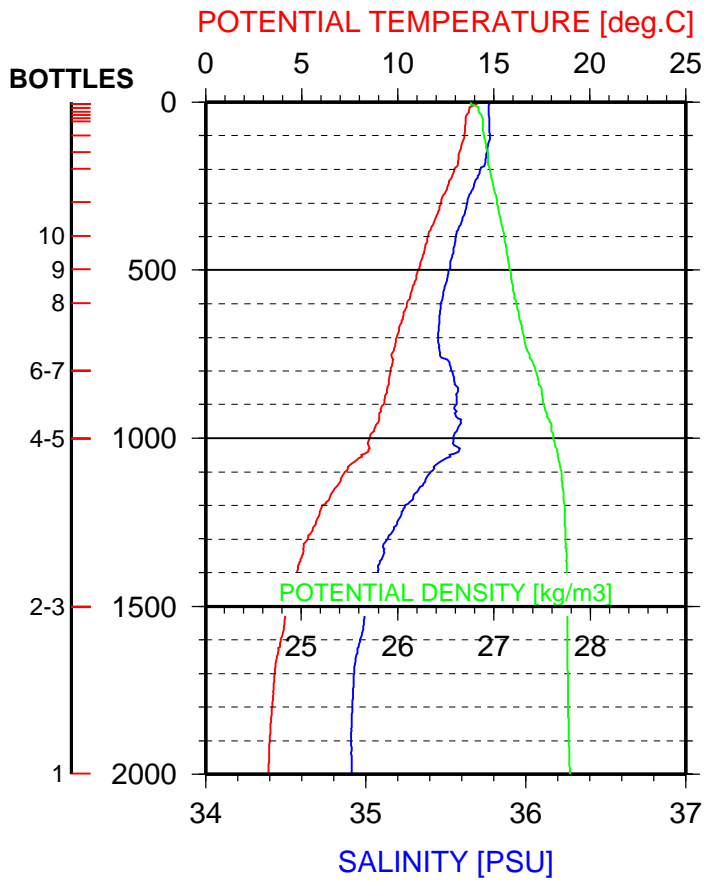
POMME2 - VALID STATION 2060

7 / 4 / 2001 - 8 h 51 m



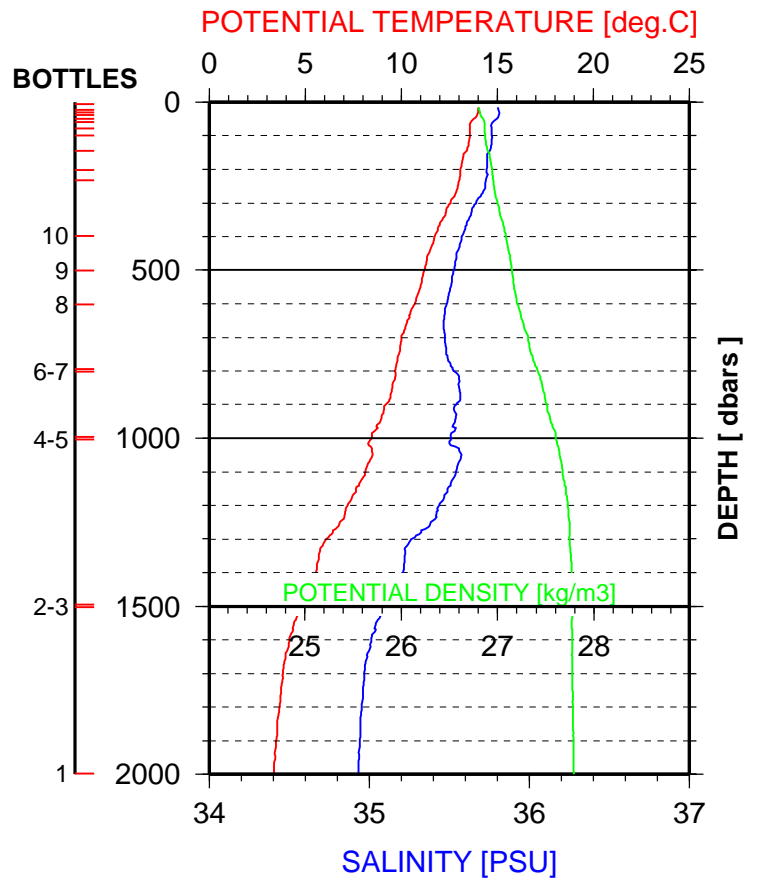
POMME3 - VALID STATION 2061

7 / 4 / 2001 - 14 h 45 m



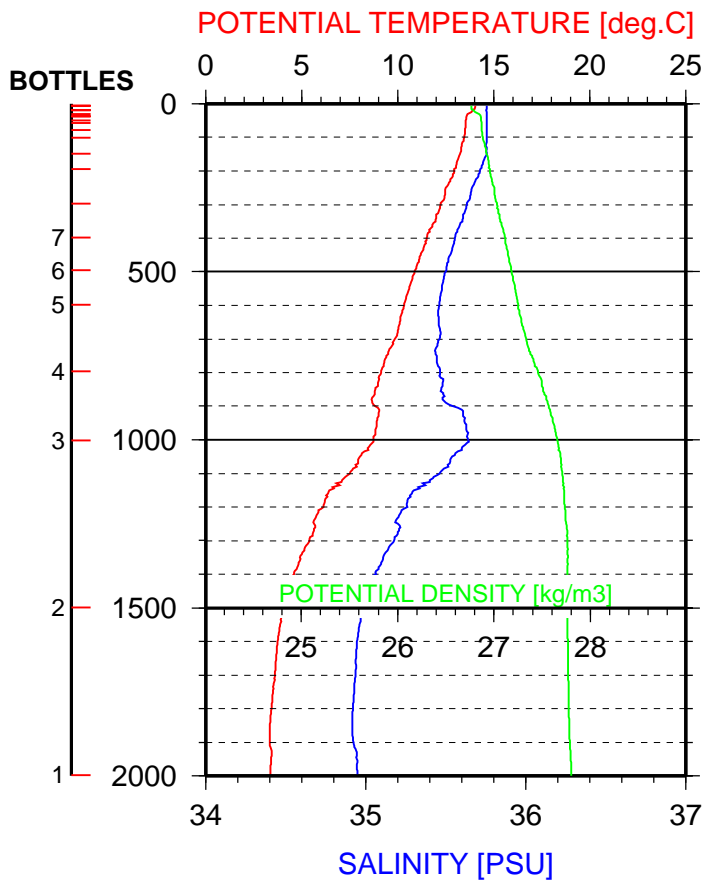
POMME3 - VALID STATION 2062

7 / 4 / 2001 - 19 h 6 m



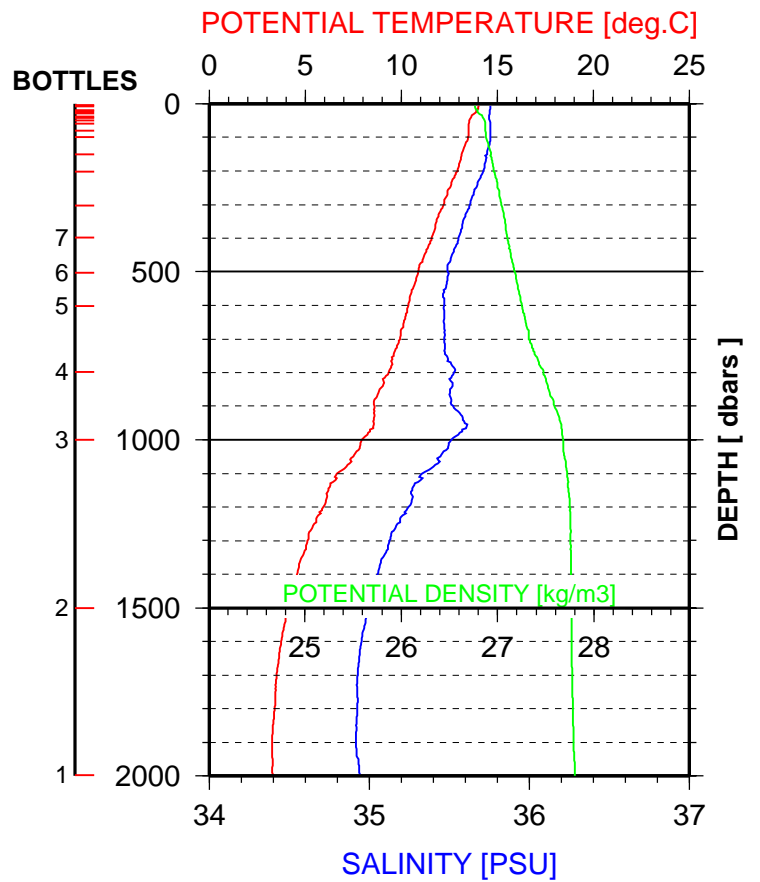
POMME3 - VALID STATION 2063

8 / 4 / 2001 - 0 h 55 m



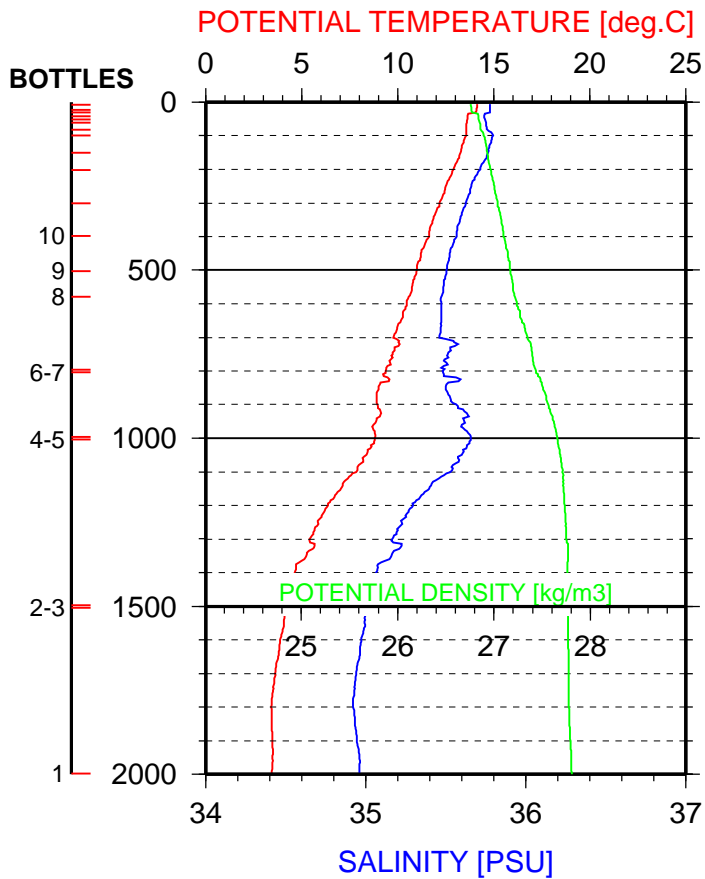
POMME3 - VALID STATION 2064

8 / 4 / 2001 - 4 h 50 m



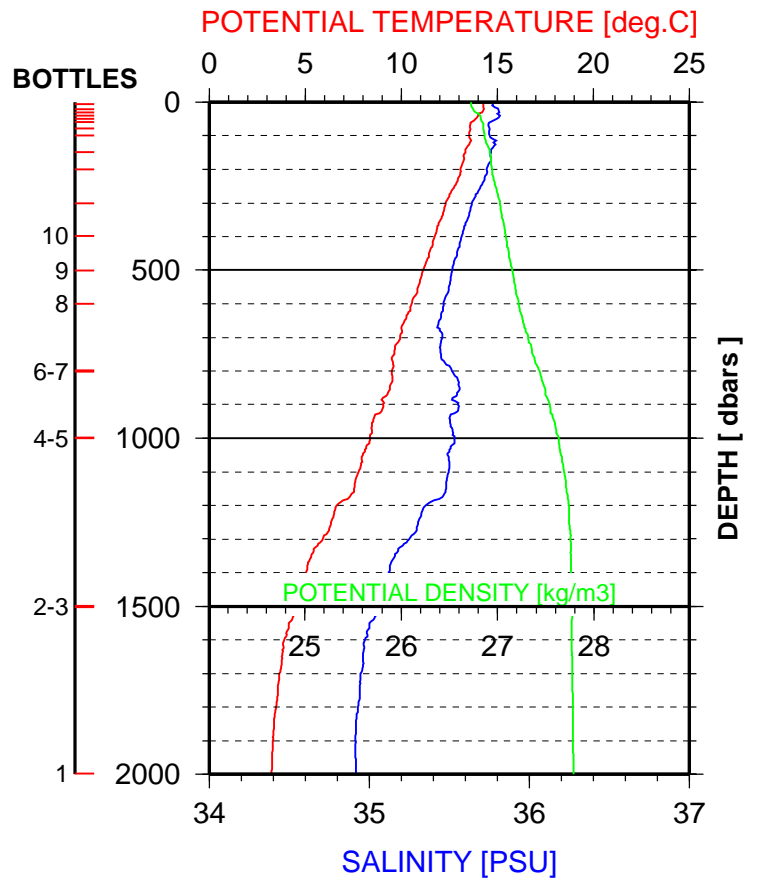
POMME2 - VALID STATION 2065

8 / 4 / 2001 - 10 h 18 m



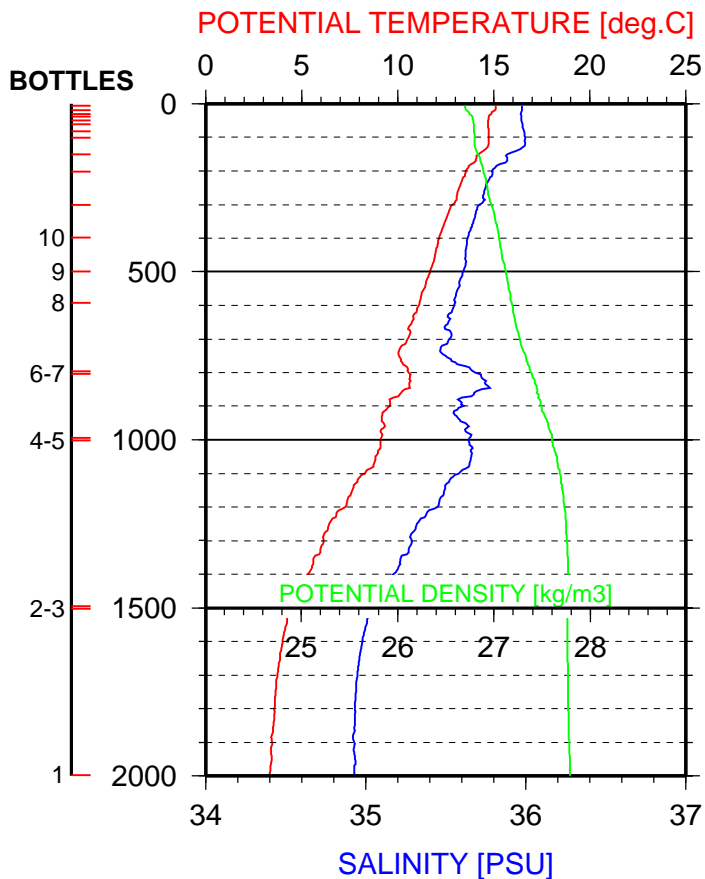
POMME2 - VALID STATION 2066

8 / 4 / 2001 - 16 h 4 m



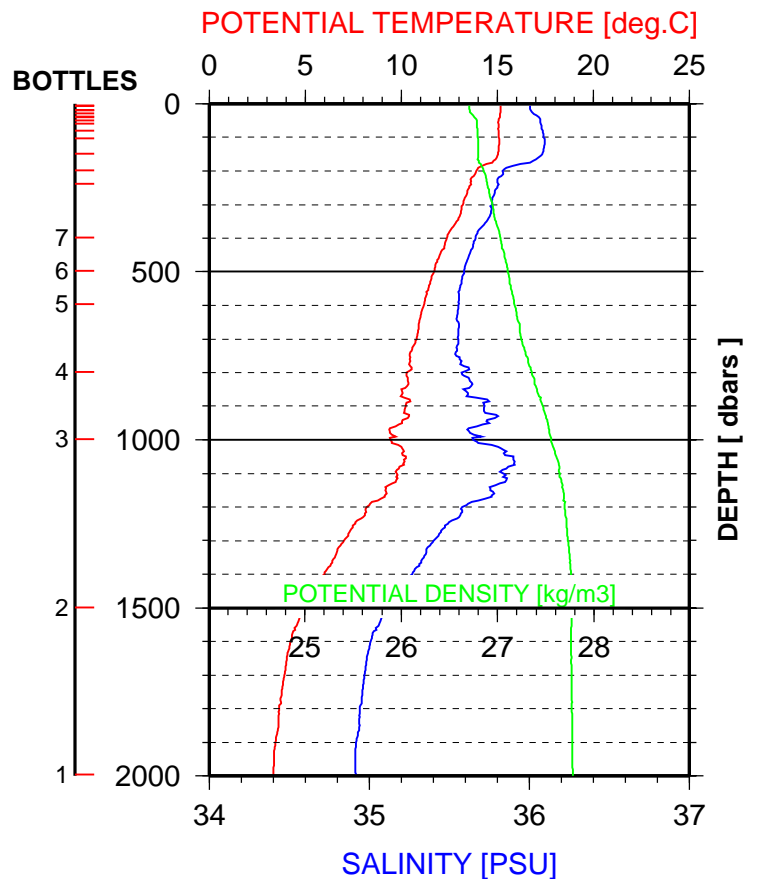
POMME2 - VALID STATION 2067

8 / 4 / 2001 - 20 h 26 m



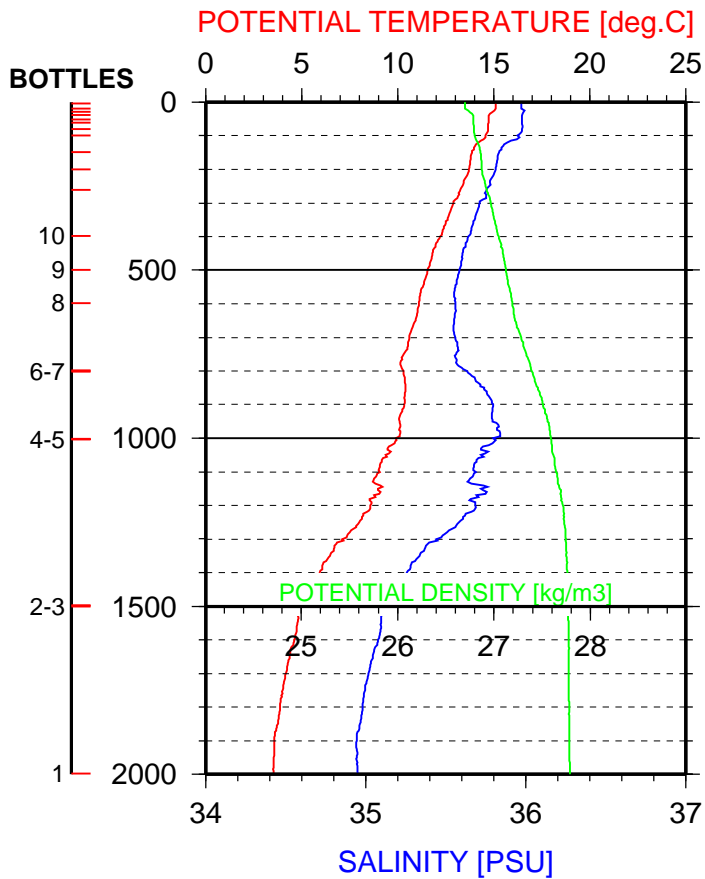
POMME2 - VALID STATION 2068

9 / 4 / 2001 - 2 h 20 m



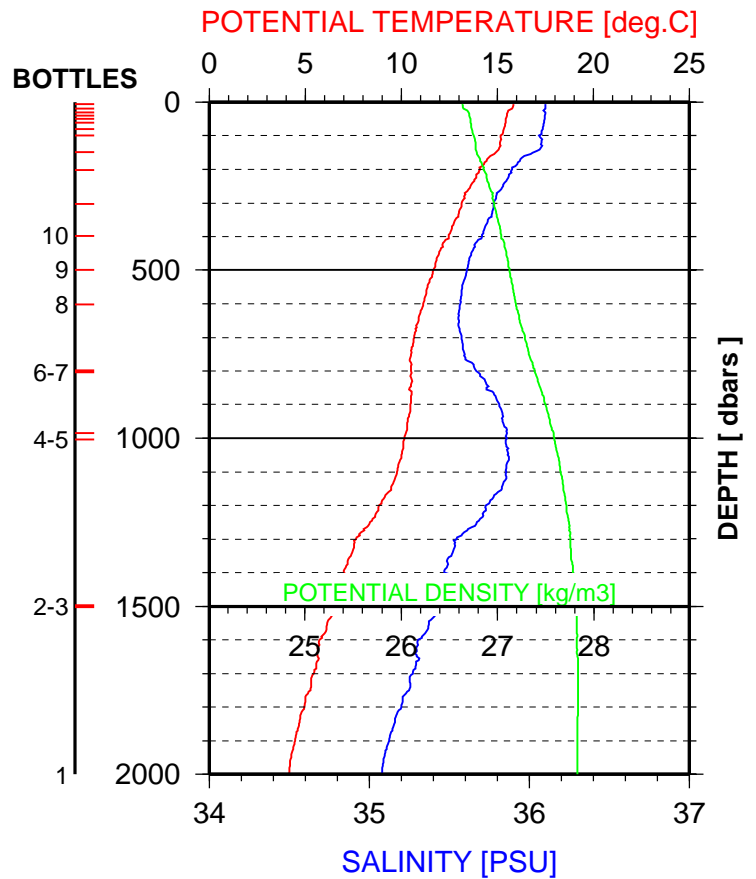
POMME2 - VALID STATION 2069

9 / 4 / 2001 - 6 h 39 m



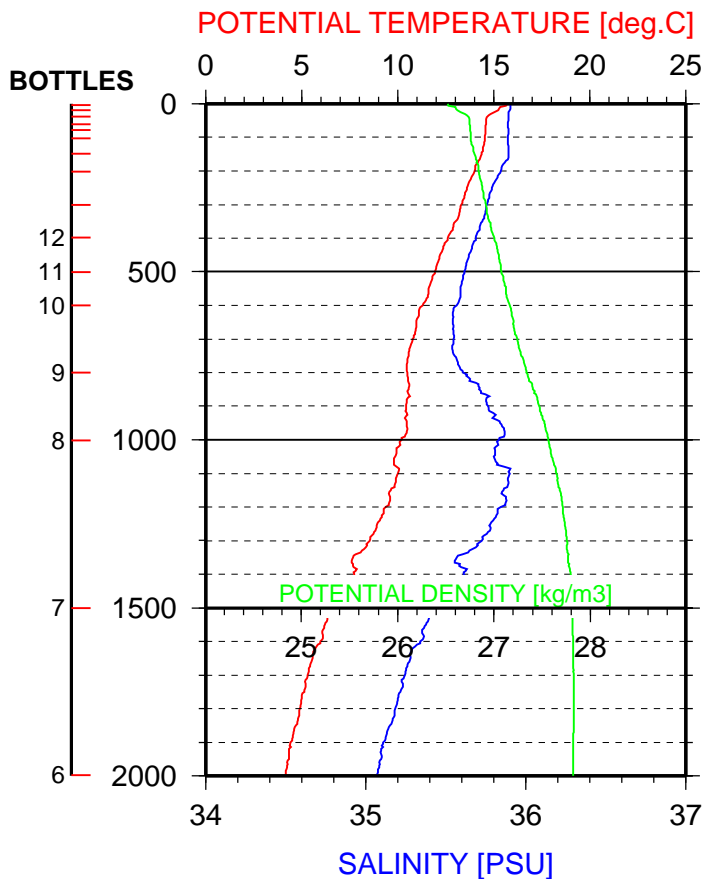
POMME2 - VALID STATION 2070

9 / 4 / 2001 - 10 h 41 m



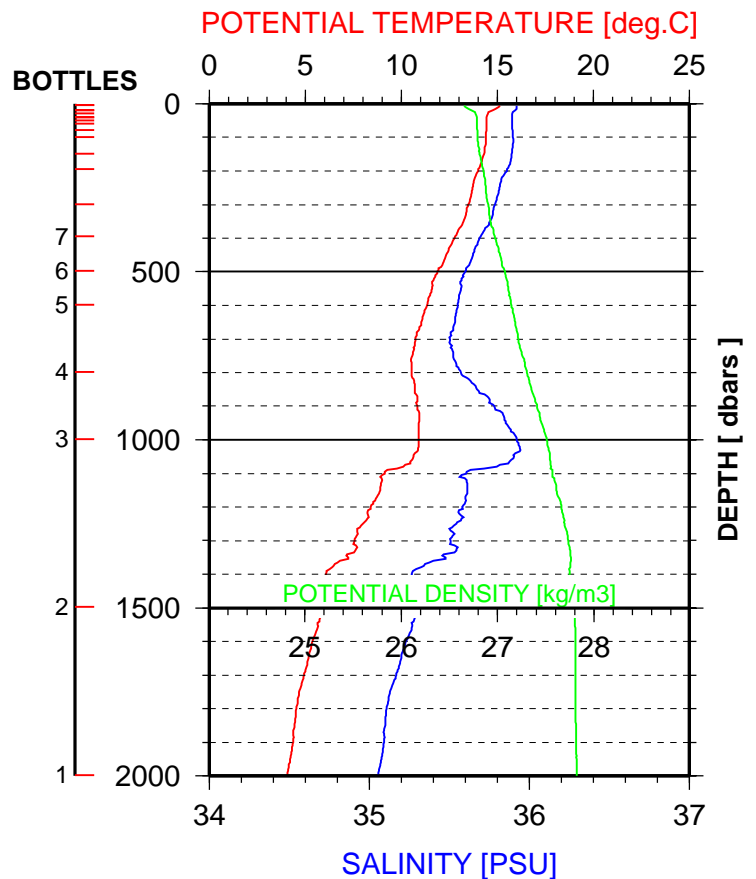
POMME2 - VALID STATION 2071

9 / 4 / 2001 - 15 h 2 m



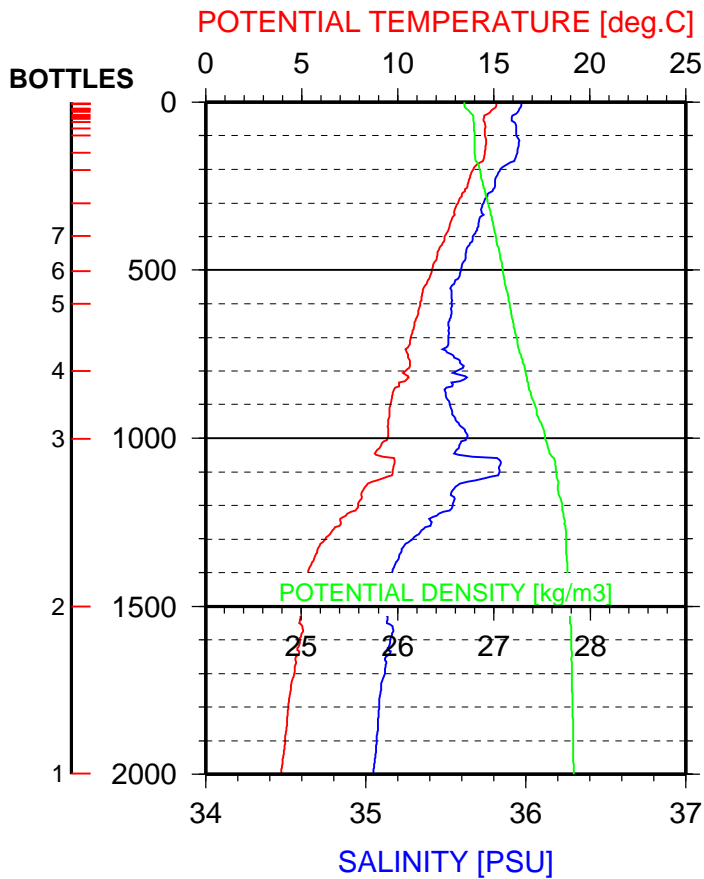
POMME2 - VALID STATION 2072

9 / 4 / 2001 - 23 h 19 m



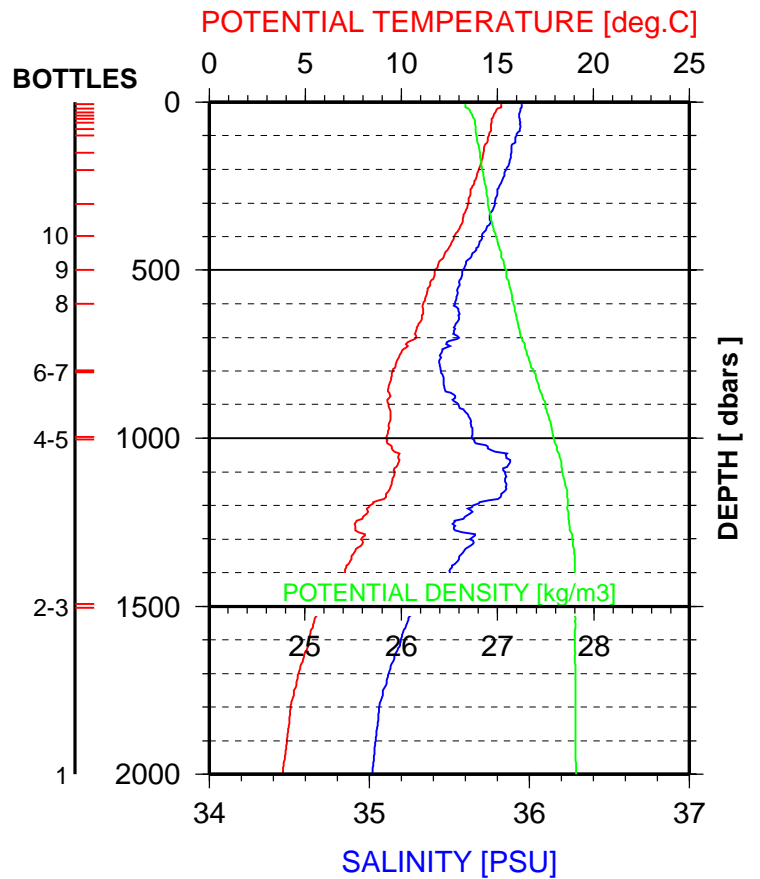
POMME2 - VALID STATION 2073

10 / 4 / 2001 - 3 h 30 m



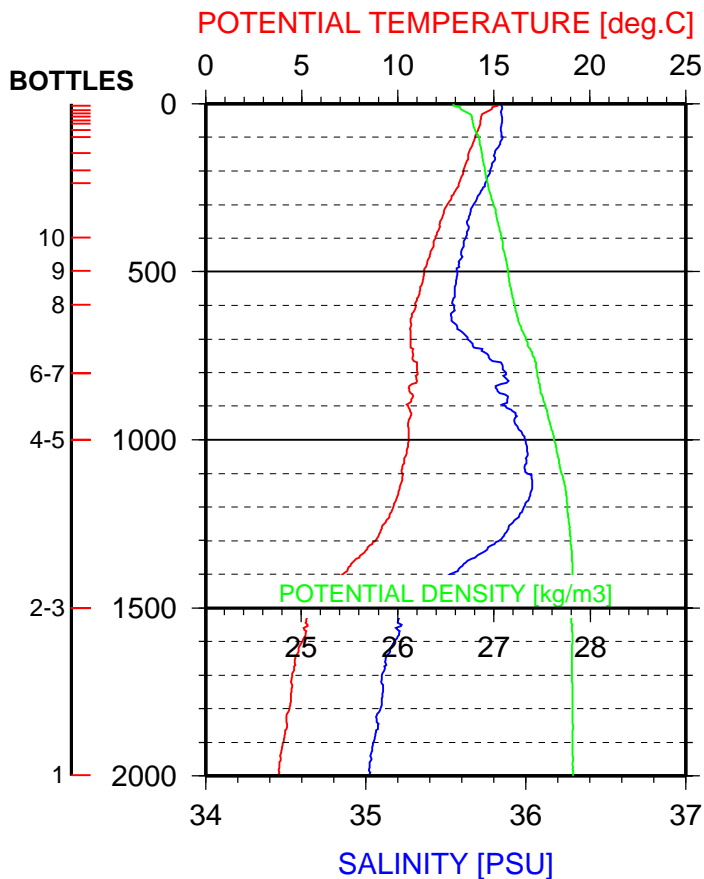
POMME2 - VALID STATION 2074

10 / 4 / 2001 - 8 h 54 m



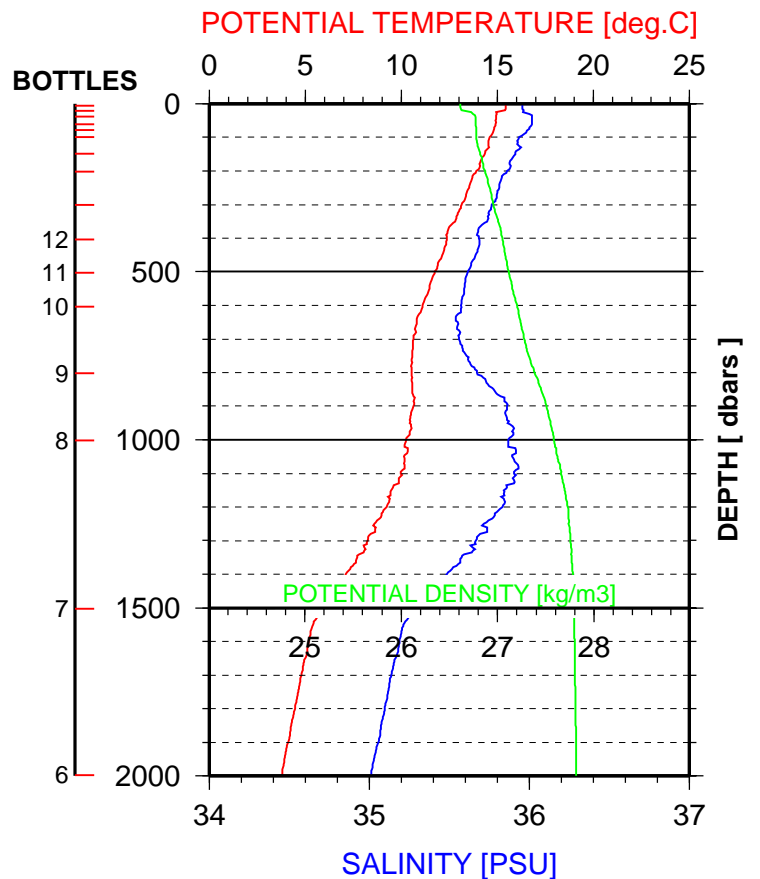
POMME2 - VALID STATION 2075

10 / 4 / 2001 - 14 h 24 m



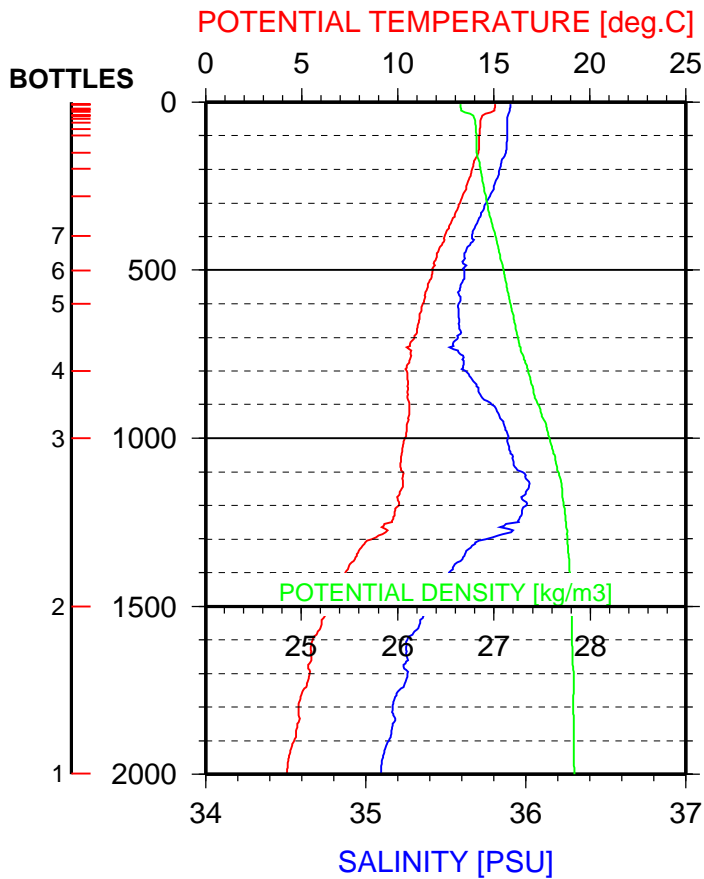
POMME2 - VALID STATION 2076

10 / 4 / 2001 - 19 h 53 m



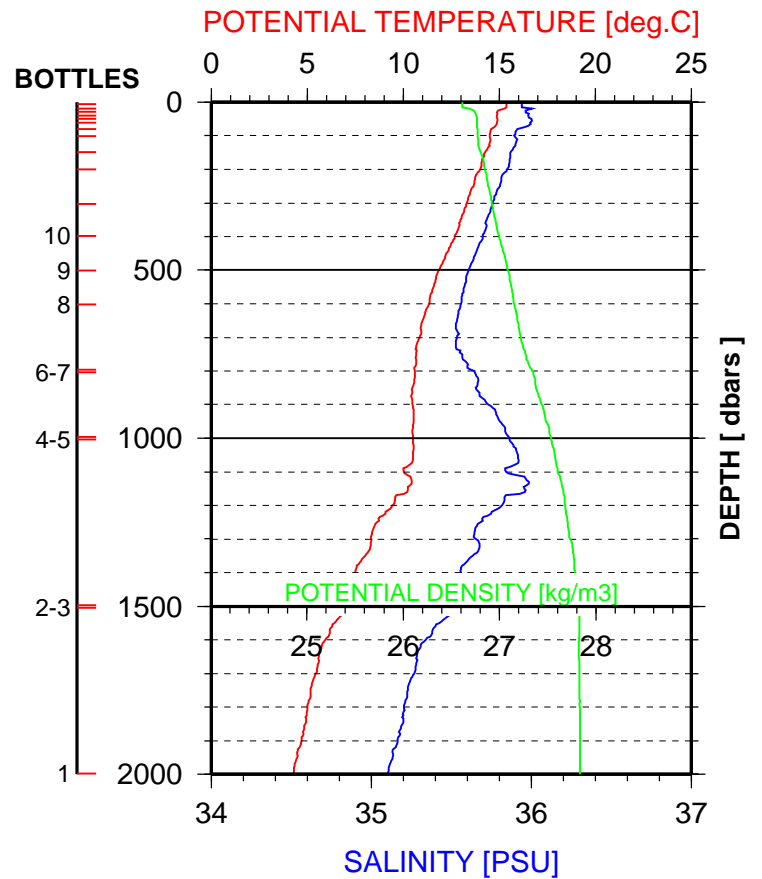
POMME2 - VALID STATION 2077

11 / 4 / 2001 - 3 h 12 m



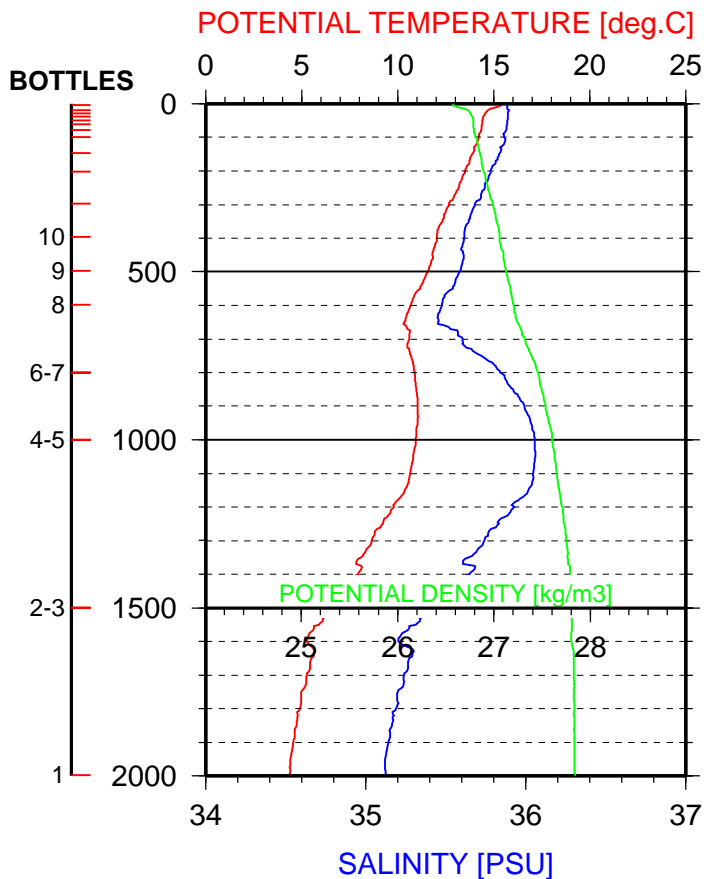
POMME2 - VALID STATION 2078

11 / 4 / 2001 - 8 h 42 m



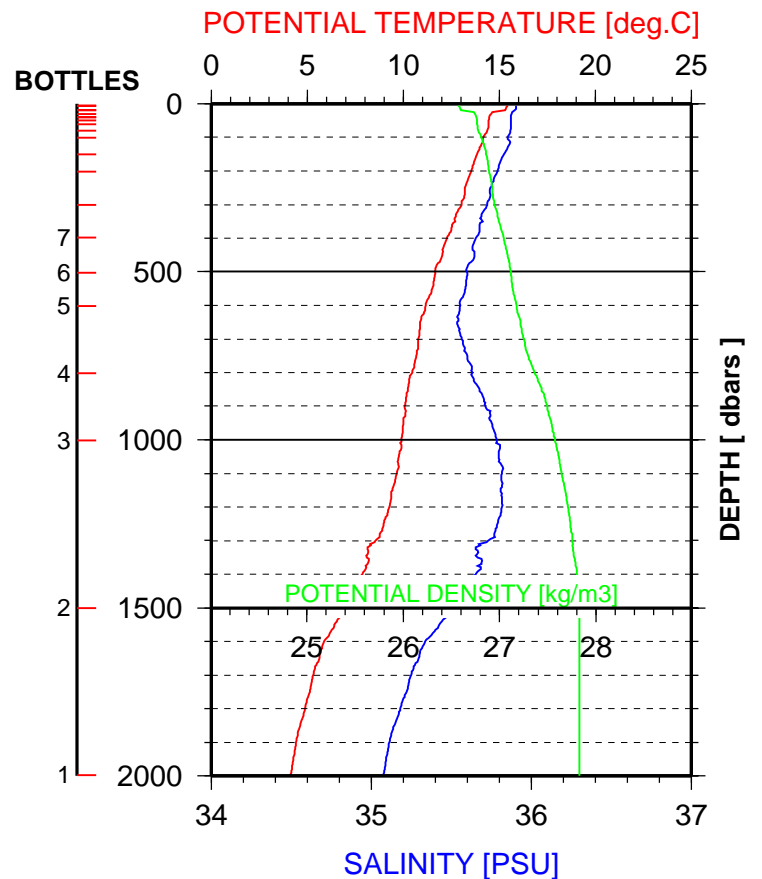
POMME2 - VALID STATION 2079

11 / 4 / 2001 - 14 h 31 m



POMME2 - VALID STATION 2080

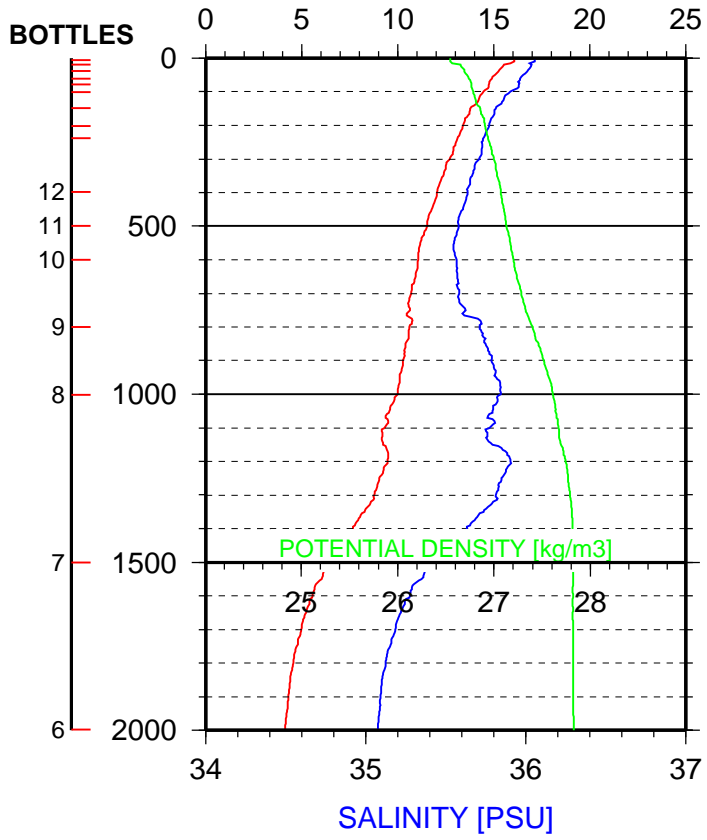
11 / 4 / 2001 - 22 h 23 m



POMME2 - VALID STATION 2081

12 / 4 / 2001 - 2 h 45 m

POTENTIAL TEMPERATURE [deg.C]



POMME 2001

17 Avril – 3 Mai

Atalante

Pomme 2 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 2 - LEG2

17 Avril - 3 Mai 2001

ATALANTE

LISTING STATIONS

L.PRIEUR - J.RAUNET

FICHER	STAT	DATE	D/M	LONGITUDE	LATITUDE	HEURE DEB	HEURE FIN	N.SEQ	PMIN	PMAX	CAMPAGNE	NAVIRE
asc2082	82	17/ 4/	1 1	20.00469 W	39.40383 N	17h 0m 0s	17h 41m 0s	1999	4.0	2002.0	POMME2 LEG2	ATALANTE
asc2083	83	18/ 4/	1 1	19.45431 W	39.45011 N	5h 46m 0s	5h 52m 0s	197	5.0	201.0	POMME2 LEG2	ATALANTE
asc2084	84	18/ 4/	1 1	19.44243 W	39.45844 N	7h 32m 0s	8h 2m 0s	1498	4.0	1501.0	POMME2 LEG2	ATALANTE
asc2085	85	18/ 4/	1 1	19.45749 W	39.45541 N	11h 5m 16s	11h 32m 0s	1497	5.0	1501.0	POMME2 LEG2	ATALANTE
asc2086	86	18/ 4/	1 1	19.46197 W	39.45409 N	17h 17m 40s	17h 38m 0s	999	4.0	1002.0	POMME2 LEG2	ATALANTE
asc2087	87	18/ 4/	1 1	19.46832 W	39.45366 N	18h 55m 0s	19h 23m 0s	1507	4.0	1510.0	POMME2 LEG2	ATALANTE
asc2088	88	18/ 4/	1 1	19.46783 W	39.45520 N	22h 20m 0s	22h 33m 0s	997	5.0	1001.0	POMME2 LEG2	ATALANTE
asc2089	89	19/ 4/	1 1	19.44963 W	39.45025 N	0h 40m 0s	0h 53m 0s	397	5.0	401.0	POMME2 LEG2	ATALANTE
asc2090	90	19/ 4/	1 1	19.46269 W	39.45262 N	2h 57m 0s	3h 1m 0s	100	4.0	103.0	POMME2 LEG2	ATALANTE
asc2091	91	19/ 4/	1 1	19.46290 W	39.45174 N	4h 18m 40s	4h 28m 0s	398	4.0	401.0	POMME2 LEG2	ATALANTE
asc2092	92	19/ 4/	1 1	19.46255 W	39.44559 N	5h 55m 10s	6h 10m 0s	799	4.0	802.0	POMME2 LEG2	ATALANTE
asc2093	93	19/ 4/	1 1	19.46880 W	39.45017 N	7h 15m 25s	7h 21m 0s	199	4.0	202.0	POMME2 LEG2	ATALANTE
asc2094	94	19/ 4/	1 1	19.46562 W	39.44921 N	11h 30m 0s	11h 52m 0s	995	8.0	1002.0	POMME2 LEG2	ATALANTE
asc2095	95	19/ 4/	1 1	19.47807 W	39.44661 N	18h 58m 54s	19h 34m 0s	1999	4.0	2002.0	POMME2 LEG2	ATALANTE
asc2096	96	20/ 4/	1 1	19.46390 W	39.44761 N	9h 12m 45s	9h 49m 0s	1995	7.0	2001.0	POMME2 LEG2	ATALANTE
asc2169	169	22/ 4/	1 1	19.40532 W	41.59734 N	5h 26m 0s	5h 31m 0s	201	4.0	204.0	POMME2 LEG2	ATALANTE
asc2170	170	22/ 4/	1 1	19.40545 W	41.59633 N	6h 59m 18s	7h 27m 0s	1498	4.0	1501.0	POMME2 LEG2	ATALANTE
asc2171	171	22/ 4/	1 1	19.40286 W	41.57869 N	10h 33m 40s	11h 1m 0s	1494	9.0	1502.0	POMME2 LEG2	ATALANTE
asc2172	172	22/ 4/	1 1	19.41140 W	41.55964 N	16h 21m 30s	16h 41m 0s	998	5.0	1002.0	POMME2 LEG2	ATALANTE
asc2173	173	22/ 4/	1 1	19.41643 W	41.55087 N	17h 57m 18s	18h 0m 0s	104	3.0	106.0	POMME2 LEG2	ATALANTE
asc2174	174	22/ 4/	1 1	19.41780 W	41.54794 N	18h 36m 56s	19h 4m 0s	1498	4.0	1501.0	POMME2 LEG2	ATALANTE
asc2175	175	22/ 4/	1 1	19.43420 W	41.53266 N	22h 18m 0s	22h 47m 0s	1000	5.0	1004.0	POMME2 LEG2	ATALANTE
asc2176	176	23/ 4/	1 1	19.44165 W	41.53033 N	0h 32m 0s	0h 49m 0s	397	5.0	401.0	POMME2 LEG2	ATALANTE
asc2177	177	23/ 4/	1 1	19.42908 W	41.52544 N	2h 40m 0s	2h 51m 0s	103	3.0	105.0	POMME2 LEG2	ATALANTE
asc2178	178	23/ 4/	1 1	19.42929 W	41.52346 N	3h 15m 0s	3h 24m 0s	101	3.0	103.0	POMME2 LEG2	ATALANTE
asc2179	179	23/ 4/	1 1	19.42610 W	41.51930 N	4h 39m 51s	4h 49m 0s	399	4.0	402.0	POMME2 LEG2	ATALANTE
asc2180	180	23/ 4/	1 1	19.42285 W	41.51829 N	6h 12m 0s	6h 28m 0s	799	4.0	802.0	POMME2 LEG2	ATALANTE
asc2181	181	23/ 4/	1 1	19.44033 W	41.51162 N	7h 29m 0s	7h 35m 0s	199	4.0	202.0	POMME2 LEG2	ATALANTE
asc2182	182	23/ 4/	1 1	19.44519 W	41.49903 N	11h 18m 0s	11h 42m 0s	994	10.0	1003.0	POMME2 LEG2	ATALANTE
asc2183	183	23/ 4/	1 1	19.44535 W	41.46404 N	19h 28m 55s	20h 6m 0s	1997	6.0	2002.0	POMME2 LEG2	ATALANTE
asc2184	184	24/ 4/	1 1	19.45927 W	41.43526 N	12h 14m 0s	13h 9m 0s	1994	12.0	2005.0	POMME2 LEG2	ATALANTE
asc2265	265	26/ 4/	1 1	17.39895 W	42.05000 N	5h 17m 0s	5h 24m 0s	198	4.0	201.0	POMME2 LEG2	ATALANTE
asc2266	266	26/ 4/	1 1	17.40566 W	42.04918 N	6h 58m 0s	7h 25m 0s	1499	4.0	1502.0	POMME2 LEG2	ATALANTE
asc2267	267	26/ 4/	1 1	17.38944 W	42.04260 N	11h 9m 0s	11h 42m 0s	1515	6.0	1520.0	POMME2 LEG2	ATALANTE
asc2268	268	26/ 4/	1 1	17.36446 W	42.03573 N	16h 55m 50s	17h 14m 0s	998	4.0	1001.0	POMME2 LEG2	ATALANTE
asc2269	269	26/ 4/	1 1	17.36281 W	42.03032 N	18h 33m 30s	19h 1m 0s	1500	3.0	1502.0	POMME2 LEG2	ATALANTE
asc2270	270	26/ 4/	1 1	17.36182 W	42.02794 N	22h 0m 0s	22h 23m 0s	999	4.0	1002.0	POMME2 LEG2	ATALANTE
asc2271	271	27/ 4/	1 1	17.36166 W	42.02861 N	0h 9m 0s	0h 21m 0s	397	5.0	401.0	POMME2 LEG2	ATALANTE
asc2272	272	27/ 4/	1 1	17.33995 W	42.01756 N	2h 37m 0s	2h 41m 0s	100	4.0	103.0	POMME2 LEG2	ATALANTE
asc2273	273	27/ 4/	1 1	17.33963 W	42.01699 N	4h 10m 0s	4h 18m 0s	399	5.0	403.0	POMME2 LEG2	ATALANTE
asc2274	274	27/ 4/	1 1	17.34146 W	42.01593 N	5h 51m 0s	6h 8m 0s	798	5.0	802.0	POMME2 LEG2	ATALANTE
asc2275	275	27/ 4/	1 1	17.33814 W	42.01150 N	6h 58m 0s	7h 5m 0s	221	3.0	223.0	POMME2 LEG2	ATALANTE
asc2276	276	27/ 4/	1 1	17.33839 W	42.01183 N	11h 6m 0s	11h 26m 0s	998	5.0	1002.0	POMME2 LEG2	ATALANTE
asc2277	277	27/ 4/	1 1	17.30149 W	41.58939 N	19h 4m 0s	19h 7m 0s	102	3.0	104.0	POMME2 LEG2	ATALANTE
asc2278	278	27/ 4/	1 1	17.30193 W	41.58958 N	19h 37m 58s	20h 13m 0s	2000	4.0	2003.0	POMME2 LEG2	ATALANTE
asc2279	279	28/ 4/	1 1	17.28198 W	41.58369 N	9h 46m 21s	10h 23m 0s	1999	3.0	2001.0	POMME2 LEG2	ATALANTE
asc2401	401	1/ 5/	1 1	18.40067 W	43.19917 N	5h 10m 40s	5h 16m 0s	197	5.0	201.0	POMME2 LEG2	ATALANTE
asc2402	402	1/ 5/	1 1	18.39884 W	43.20068 N	7h 2m 0s	7h 29m 0s	1499	4.0	1502.0	POMME2 LEG2	ATALANTE
asc2403	403	1/ 5/	1 1	18.42073 W	43.20166 N	10h 21m 0s	10h 27m 0s	151	4.0	154.0	POMME2 LEG2	ATALANTE
asc2404	404	1/ 5/	1 1	18.42302 W	43.20071 N	11h 15m 0s	11h 42m 0s	1498	4.0	1501.0	POMME2 LEG2	ATALANTE
asc2405	405	1/ 5/	1 1	18.45627 W	43.20557 N	16h 44m 44s	17h 4m 0s	998	4.0	1001.0	POMME2 LEG2	ATALANTE
asc2406	406	1/ 5/	1 1	18.45967 W	43.20631 N	18h 19m 10s	18h 46m 0s	1498	4.0	1501.0	POMME2 LEG2	ATALANTE
asc2407	407	1/ 5/	1 1	18.46656 W	43.20668 N	21h 58m 0s	22h 18m 0s	999	4.0	1002.0	POMME2 LEG2	ATALANTE
asc2408	408	2/ 5/	1 1	18.47730 W	43.20494 N	0h 7m 0s	0h 22m 0s	397	4.0	400.0	POMME2 LEG2	ATALANTE
asc2409	409	2/ 5/	1 1	18.48814 W	43.19868 N	2h 17m 0s	2h 24m 0s	100	4.0	103.0	POMME2 LEG2	ATALANTE
asc2410	410	2/ 5/	1 1	18.49451 W	43.19887 N	3h 50m 30s	4h 0m 0s	400	3.0	402.0	POMME2 LEG2	ATALANTE
asc2411	411	2/ 5/	1 1	18.49576 W	43.19705 N	5h 33m 30s	5h 49m 0s	799	4.0	802.0	POMME2 LEG2	ATALANTE
asc2412	412	2/ 5/	1 1	18.51083 W	43.20714 N	6h 54m 35s	7h 0m 0s	197	5.0	201.0	POMME2 LEG2	ATALANTE
asc2413	413	2/ 5/	1 1	18.51087 W	43.20118 N	11h 7m 0s	11h 26m 0s	997	5.0	1001.0	POMME2 LEG2	ATALANTE
asc2414	414	2/ 5/	1 1	18.54480 W	43.20818 N	18h 58m 0s	19h 33m 0s	2000	3.0	2002.0	POMME2 LEG2	ATALANTE
asc2415	415	3/ 5/	1 1	18.57798 W	43.20712 N	5h 40m 0s	5h 44m 0s	93	14.0	106.0	POMME2 LEG2	ATALANTE
asc2416	416	3/ 5/	1 1	18.59694 W	43.22321 N	10h 49m 0s	11h 28m 0s	1997	8.0	2004.0	POMME2 LEG2	ATALANTE

POMME 2 - LEG2

17 Avril - 3 Mai 2001

ATALANTE

LISTING BOTTLES

L.PRIEUR - J.RAUNET

POMME2 - LEG2

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

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
2082	2000	2000	2000	2000	2000	2000	2000	1500	1000	500	100	100	100	30	30	30	10	10	10	5	5
2082	2000	2000	2000	2001	2001	2001	2001	1501	1001	501	99	99	99	30	30	30	10	10	10	5	5
2083	100	80	60	40	25	25	25	15	5	5	5	5	5	5	5	5	5	5	5	5	5
2083	101	80	61	39	25	25	25	15	5	5	5	5	5	5	5	5	5	5	5	5	5
2084	1500	1000	500	400	400	200	150	120	100	90	80	70	60	50	40	30	20	10	5	5	5
2084	1498	999	500	403	401	200	150	122	101	90	79	70	58	49	38	31	20	10	4	4	4
2085	1000	800	600	500	400	300	200	150	100	80	60	50	40	40	30	20	20	10	5	5	5
2085	999	800	601	500	401	301	201	150	101	81	60	50	41	37	31	22	18	11	6	6	6
2086	1000	1000	400	400	200	200	130	130	130	80	80	80	50	50	50	30	30	10	10	10	10
2086	1000	999	401	392	200	194	131	131	131	80	79	79	50	50	50	29	30	30	10	11	11
2087	1500	1000	800	500	500	500	400	300	200	200	130	100	80	50	40	30	20	15	15	10	5
2087	1499	998	800	500	500	499	399	299	201	199	133	100	80	49	39	29	20	17	16	11	5
2088	1000	1000	1000	900	900	900	800	800	800	700	700	700	600	600	600	500	500	500	400	400	400
2088	1000	999	1000	900	900	900	802	800	801	699	700	700	600	600	600	501	502	501	400	401	401
2089	300	300	300	200	200	200	150	150	100	100	80	80	60	50	40	30	20	10	5	5	5
2089	300	300	300	201	201	201	152	148	100	100	80	77	59	50	40	29	20	9	5	6	5
2090	100	100	80	80	60	60	60	50	50	50	40	40	40	30	30	20	20	20	5	5	5
2090	103	103	81	79	61	62	61	51	51	51	40	40	40	31	29	21	21	20	6	6	6
2091	100	100	80	80	60	60	60	50	50	50	40	40	40	30	30	20	20	20	5	5	5
2091	100	101	81	81	60	60	60	50	50	50	41	41	41	31	31	20	20	20	5	5	5
2092	800	600	500	400	300	200	200	200	150	120	100	90	80	60	50	40	30	20	10	5	5
2092	800	600	499	400	299	200	200	200	150	119	99	80	59	60	49	39	29	19	9	5	5
2093	40	40	40	40	40	20	20	20	20	20	5	5	5	5	5	5	5	5	5	5	5
2093	40	40	40	40	40	20	20	20	20	20	5	5	5	5	5	5	5	5	5	5	5
2094	1000	800	600	500	400	300	200	150	100	80	60	50	40	40	30	20	20	10	5	5	5
2094	1001	800	601	501	399	302	202	151	101	80	62	52	42	38	31	25	22	9	6	6	6
2095	1500	1000	800	700	400	400	400	400	300	200	130	100	80	70	60	50	40	30	20	10	5
2095	1500	1000	800	700	400	400	400	400	299	200	130	100	80	70	59	50	40	30	19	9	5
2096	2000	1500	1000	800	600	400	200	150	100	60	60	40	40	23	23	10	10	5	5	0	0
2096	2000	1500	1002	800	599	400	200	148	101	60	60	40	40	23	23	11	11	6	5	2	2
2169	100	80	60	40	30	30	30	20	5	5	5	5	5	5	5	5	5	5	5	5	5
2169	100	79	58	38	29	29	29	20	5	5	5	6	5	5	5	5	5	5	5	5	5
2170	1500	1000	500	400	400	200	150	120	100	90	80	70	60	50	40	30	20	10	5	5	5
2170	1500	1000	500	400	400	199	148	119	100	90	79	69	60	50	39	32	20	10	6	6	6
2171	1000	800	600	500	400	260	200	150	100	80	60	50	40	40	30	20	20	10	5	5	5
2171	1000	801	600	500	401	261	201	151	98	83	62	48	40	41	32	21	18	9	6	6	6
2172	1000	1000	400	400	400	200	200	200	130	130	130	80	80	80	50	50	50	30	30	10	10
2172	1000	1001	400	400	400	200	200	199	130	130	131	80	80	80	50	50	50	30	30	10	10
2173	100	100	100	30	30	30	10	10	10												
2173	100	100	100	31	32	32	9	9	9												
2174	1500	1000	800	600	600	600	500	400	300	200	130	100	80	50	40	30	20	20	10	10	5
2174	1500	1002	801	600	600	600	500	401	300	200	129	102	80	49	39	29	20	20	10	10	4
2175	1000	1000	1000	900	900	900	800	800	800	700	700	700	600	600	600	500	500	500	400	400	400
2175	1008	1008	1008	901	901	901	800	800	801	701	701	701	600	600	600	501	501	501	400	400	400
2176	300	300	300	200	200	200	130	130	100	100	80	80	60	50	40	30	20	10	5	5	5
2176	300	300	300	200	201	201	132	129	99	100	83	81	60	50	40	30	20	10	5	5	5
2177																					
2177	103	101	100	31																	
2178	80	80	60	60	50	50	50	40	40	40	30	30	20	20	20	13	13	13	5	5	5
2178	82	80	63	60	51	51	51	42	42	42	32	30	21	21	21	13	12	13	6	6	6
2179	80	80	60	60	60	50	50	50	40	40	40	30	30	20	20	20	13	13	5	5	5
2179	81	81	60	60	60	50	50	50	40	40	41	30	30	20	20	20	13	13	6	6	5

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2180 || 800 | 600 | 500 | 400 | 300 | 200 | 200 | 200 | 150 | 120 | 100 | 90 | 80 | 60 | 50 | 40 | 30 | 20 | 10 | 5 | 5 |
2180 || 801 | 599 | 500 | 400 | 300 | 201 | 200 | 200 | 147 | 119 | 100 | 88 | 80 | 59 | 49 | 39 | 29 | 19 | 9 | 5 | 5 |
*****
2181 || 40 | 40 | 40 | 40 | 40 | 20 | 20 | 20 | 20 | 20 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |
2181 || 40 | 40 | 40 | 41 | 40 | 20 | 20 | 20 | 20 | 21 | 5 | 5 | 5 | 6 | 5 | 5 | 6 | 5 | 5 | 5 | 5 | 5 |
*****
2182 || 1000 | 800 | 600 | 500 | 400 | 300 | 270 | 150 | 100 | 80 | 60 | 50 | 40 | 40 | 30 | 20 | 20 | 10 | 5 | 5 | 5 |
2182 || 1003 | 799 | 599 | 501 | 400 | 301 | 231 | 151 | 101 | 82 | 61 | 50 | 42 | 40 | 31 | 21 | 19 | 11 | 5 | 5 | 5 | 5 |
*****
2183 || 1500 | 1000 | 800 | 800 | 800 | 650 | 500 | 400 | 300 | 200 | 130 | 100 | 80 | 60 | 50 | 40 | 30 | 25 | 10 | 10 | 5 |
2183 || 1501 | 1001 | 802 | 801 | 802 | 651 | 501 | 401 | 302 | 201 | 130 | 100 | 83 | 62 | 52 | 42 | 33 | 26 | 10 | 8 | 6 | 6 |
*****
2184 || 2000 | 1500 | 1000 | 800 | 600 | 400 | 200 | 150 | 100 | 60 | 50 | 40 | 30 | 20 | 10 | 10 | 10 | 10 | 10 | 10 | 10 |
2184 || 2002 | 1501 | 1001 | 801 | 600 | 400 | 200 | 151 | 101 | 63 | 50 | 42 | 33 | 22 | 11 | 11 | 11 | 11 | 11 | 11 | 11 |
*****
2265 || 100 | 80 | 60 | 40 | 40 | 40 | 30 | 20 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |
2265 || 101 | 80 | 61 | 40 | 40 | 40 | 29 | 19 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |
*****
2266 || 1500 | 1000 | 500 | 400 | 400 | 200 | 150 | 120 | 100 | 90 | 80 | 70 | 60 | 50 | 40 | 30 | 20 | 10 | 5 | 5 | 5 |
2266 || 1499 | 1001 | 500 | 400 | 399 | 199 | 150 | 120 | 101 | 90 | 79 | 70 | 60 | 50 | 40 | 30 | 20 | 11 | 6 | 6 | 6 | 6 |
*****
2267 || 1000 | 800 | 600 | 500 | 400 | 300 | 200 | 150 | 100 | 80 | 60 | 50 | 40 | 40 | 30 | 20 | 20 | 10 | 5 | 5 | 5 |
2267 || 1001 | 800 | 601 | 501 | 401 | 299 | 201 | 151 | 101 | 81 | 62 | 50 | 42 | 40 | 30 | 23 | 20 | 11 | 6 | 6 | 6 | 6 |
*****
2268 || 1000 | 1000 | 400 | 400 | 400 | 200 | 200 | 200 | 130 | 130 | 130 | 80 | 80 | 80 | 50 | 50 | 50 | 30 | 30 | 10 | 10 |
2268 || 1001 | 1001 | 401 | 400 | 400 | 201 | 201 | 201 | 130 | 131 | 130 | 79 | 79 | 79 | 50 | 50 | 50 | 30 | 30 | 10 | 10 | 10 |
*****
2269 || 1500 | 1000 | 800 | 700 | 700 | 700 | 600 | 500 | 400 | 300 | 200 | 130 | 100 | 80 | 50 | 40 | 30 | 25 | 25 | 10 | 5 |
2269 || 1501 | 999 | 800 | 700 | 700 | 700 | 599 | 500 | 400 | 299 | 200 | 129 | 100 | 80 | 50 | 39 | 30 | 24 | 25 | 10 | 5 | 5 |
*****

NST | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 |
2270 || 1000 | 1000 | 1000 | 900 | 900 | 900 | 800 | 800 | 800 | 700 | 700 | 700 | 600 | 600 | 600 | 500 | 500 | 500 | 400 | 400 | 400 |
2270 || 1001 | 1001 | 1001 | 901 | 901 | 901 | 801 | 801 | 801 | 700 | 701 | 702 | 601 | 601 | 600 | 501 | 501 | 501 | 401 | 402 | 400 |
*****
2271 || 300 | 300 | 300 | 200 | 200 | 200 | 160 | 160 | 100 | 100 | 80 | 80 | 60 | 50 | 40 | 30 | 20 | 10 | 5 | 5 | 5 |
2271 || 301 | 300 | 301 | 200 | 200 | 200 | 160 | 155 | 101 | 100 | 81 | 79 | 61 | 51 | 40 | 30 | 20 | 10 | 5 | 5 | 5 |
*****
2272 || 80 | 80 | 60 | 60 | 60 | 50 | 50 | 50 | 40 | 40 | 40 | 30 | 30 | 20 | 20 | 20 | 13 | 13 | 5 | 5 | 5 |
2272 || 80 | 80 | 60 | 60 | 60 | 50 | 50 | 50 | 41 | 41 | 41 | 30 | 30 | 20 | 20 | 19 | 12 | 12 | 5 | 5 | 5 |
*****
2273 || 80 | 80 | 60 | 60 | 60 | 50 | 50 | 50 | 40 | 40 | 40 | 30 | 30 | 20 | 20 | 20 | 13 | 13 | 5 | 5 | 5 |
2273 || 81 | 81 | 60 | 60 | 60 | 51 | 51 | 51 | 40 | 40 | 40 | 30 | 30 | 20 | 20 | 20 | 13 | 13 | 5 | 5 | 5 |
*****
2274 || 800 | 600 | 500 | 400 | 300 | 200 | 200 | 200 | 150 | 120 | 100 | 90 | 80 | 60 | 50 | 40 | 30 | 20 | 10 | 5 | 5 |
2274 || 801 | 600 | 500 | 399 | 300 | 200 | 200 | 200 | 150 | 119 | 100 | 90 | 78 | 60 | 50 | 40 | 30 | 19 | 10 | 5 | 5 |
*****
2275 || 50 | 50 | 50 | 50 | 50 | 30 | 30 | 30 | 30 | 30 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |
2275 || 50 | 50 | 50 | 50 | 50 | 31 | 30 | 30 | 30 | 30 | 6 | 6 | 5 | 5 | 6 | 6 | 5 | 5 | 5 | 5 | 5 | 5 |
*****
2276 || 1000 | 800 | 600 | 500 | 400 | 300 | 200 | 150 | 100 | 80 | 60 | 50 | 40 | 40 | 30 | 20 | 20 | 10 | 5 | 5 | 5 |
2276 || 1000 | 801 | 602 | 502 | 402 | 302 | 201 | 151 | 101 | 80 | 62 | 52 | 41 | 40 | 32 | 19 | 19 | 12 | 6 | 6 | 6 |
*****
2277 || 100 | 100 | 30 | 30 | 5 | 5 | | | | | | | | | | | | | | | | | |
2277 || 101 | 95 | 30 | 30 | 5 | 6 | | | | | | | | | | | | | | | | | |
*****
2278 || 1500 | 1000 | 800 | 700 | 700 | 700 | 600 | 500 | 400 | 360 | 200 | 130 | 100 | 80 | 50 | 40 | 30 | 25 | 25 | 10 | 5 |
2278 || 1501 | 1001 | 802 | 701 | 701 | 700 | 600 | 501 | 400 | 361 | 201 | 132 | 101 | 82 | 51 | 42 | 32 | 25 | 25 | 11 | 4 |
*****
2279 || 2000 | 1500 | 1000 | 800 | 600 | 350 | 200 | 150 | 100 | 60 | 50 | 40 | 30 | 20 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |
2279 || 2001 | 1501 | 1001 | 801 | 601 | 349 | 201 | 147 | 101 | 62 | 52 | 42 | 34 | 22 | 4 | 4 | 4 | 4 | 4 | 4 | 4 |
*****
2401 || 100 | 80 | 60 | 40 | 30 | 30 | 30 | 20 | 10 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |
2401 || 101 | 81 | 60 | 40 | 31 | 31 | 31 | 20 | 11 | 5 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 |
*****
2402 || 1500 | 1000 | 500 | 400 | 400 | 200 | 150 | 120 | 100 | 90 | 80 | 70 | 60 | 50 | 40 | 30 | 20 | 10 | 5 | 5 | 5 |
2402 || 1501 | 1000 | 500 | 400 | 401 | 200 | 150 | 120 | 101 | 90 | 80 | 70 | 60 | 50 | 39 | 30 | 20 | 10 | 6 | 6 | 6 |
*****
2403 || 150 | 150 | 150 | 30 | 30 | 30 | 5 | 5 | 5 | | | | | | | | | | | | | |
2403 || 153 | 153 | 153 | 31 | 31 | 31 | 5 | 5 | 5 | | | | | | | | | | | | | |
*****
2404 || 1000 | 800 | 600 | 500 | 400 | 300 | 200 | 150 | 100 | 80 | 60 | 50 | 40 | 30 | 20 | 20 | 10 | 5 | 5 | 5 |
2404 || 1001 | 801 | 600 | 500 | 399 | 300 | 201 | 151 | 101 | 81 | 61 | 50 | 41 | 39 | 30 | 22 | 20 | 11 | 5 | 5 | 5 |
*****
2405 || 1000 | 1000 | 400 | 400 | 400 | 200 | 200 | 200 | 130 | 130 | 130 | 80 | 80 | 80 | 50 | 50 | 50 | 30 | 30 | 10 | 10 |
2405 || 1002 | 1002 | 401 | 401 | 401 | 201 | 201 | 201 | 130 | 130 | 130 | 80 | 80 | 80 | 51 | 51 | 51 | 30 | 30 | 10 | 11 |
*****
2406 || 1500 | 1000 | 800 | 700 | 600 | 500 | 500 | 500 | 400 | 300 | 200 | 130 | 100 | 80 | 50 | 40 | 30 | 30 | 30 | 10 | 5 |
2406 || 1501 | 999 | 800 | 701 | 601 | 500 | 500 | 500 | 399 | 299 | 201 | 130 | 97 | 80 | 50 | 41 | 30 | 30 | 31 | 10 | 5 |
*****
2407 || 1000 | 1000 | 1000 | 900 | 900 | 900 | 800 | 800 | 800 | 700 | 700 | 700 | 600 | 600 | 600 | 500 | 500 | 500 | 400 | 400 | 400 |
2407 || 1002 | 1001 | 1001 | 900 | 901 | 901 | 801 | 801 | 801 | 700 | 700 | 700 | 601 | 601 | 601 | 500 | 500 | 501 | 401 | 401 | 401 |
*****
2408 || 300 | 300 | 300 | 220 | 220 | 220 | 150 | 150 | 100 | 100 | 80 | 80 | 60 | 50 | 40 | 30 | 20 | 10 | 5 | 5 | 5 |
2408 || 300 | 300 | 300 | 220 | 220 | 221 | 150 | 150 | 100 | 100 | 80 | 80 | 60 | 51 | 41 | 30 | 21 | 10 | 5 | 5 | 5 |
*****
2409 || 80 | 80 | 60 | 60 | 60 | 50 | 50 | 50 | 40 | 40 | 40 | 30 | 30 | 20 | 20 | 20 | 13 | 13 | 5 | 5 | 5 |
2409 || 80 | 80 | 60 | 60 | 60 | 50 | 50 | 50 | 40 | 40 | 40 | 30 | 30 | 20 | 20 | 20 | 12 | 12 | 5 | 5 | 5 |
*****
2410 || 80 | 80 | 60 | 60 | 60 | 50 | 50 | 50 | 40 | 40 | 40 | 30 | 30 | 20 | 20 | 20 | 13 | 13 | 5 | 5 | 5 |
2410 || 80 | 80 | 60 | 60 | 60 | 50 | 50 | 50 | 40 | 40 | 40 | 31 | 31 | 20 | 20 | 20 | 13 | 13 | 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
2411	800	600	500	400	300	200	200	200	150	120	100	90	80	60	50	40	30	20	10	5	5
2411	800	600	501	400	300	201	200	201	151	121	99	89	80	60	50	39	29	19	10	5	5
NST	1	2	3	4	5	6	7	8	9	10	11	12	13	17	18	19	20	21	22	23	24
2412	50	50	50	50	50	25	25	25	25	25	5	5	5	5	5	5	5	5	5	5	5
2412	51	51	50	50	50	25	26	26	26	26	5	5	5	5	5	5	5	5	5	5	5
2413	1000	800	600	500	400	300	200	150	100	80	60	50	40	40	30	20	20	10	5	5	5
2413	998	788	600	501	401	301	200	151	102	79	60	49	39	39	30	20	20	10	5	5	5
2414	1500	1000	900	900	900	800	700	600	500	400	300	200	130	80	50	40	30	20	20	10	5
2414	1500	1000	900	900	901	799	700	601	502	401	301	200	131	80	50	38	29	20	21	10	4
2415	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
2415	101	9	10	6	2	0															
2416	2000	1500	1000	800	600	350	200	150	100	60	50	40	30	20	5	5	5	5	5	5	5
2416	2003	1500	1001	803	601	349	199	148	101	62	51	40	30	20	6	5	5	5	5	5	5

POMME 2001

17 Avril – 3 Mai

Atalante

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

Pomme 2 Leg 2

L. PRIEUR – C. POCHO

Juillet 2005

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 prélèvements 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 : Colloïdes

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 Oxygène

POMME2 - LEG2

P RIMMELIN ... CTDGen = CTD Generale :

JOUR1 DIC/O2 + TOC + SN/NH4 + 32Si + Flagelles + Pigments + Grazing + 33P + Lipides + Cyto

JOUR2 DIC/O2 + TOC + SN/NH4 + Flagelles + Pigments + Grazing + Lipides + Cyto

TOTO 15N =

C GUIGUE GVolM = CTD grand Volume :

MATIN Biodegradations + Lipides + Pigments + HIAC

L MOUSSEAU ... GVols = CTD grand Volume :

SOIR Lipides + Pigments + HIAC + Zpkt

TOTO RADelm = RADIOELEMENTS :

TOTO ETS Sf = ETS Surface ETS Pf = ETS Profonde :

TOTO ProdPr = Production Primaire :

 |*****||

		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
2082		2000	2000	2000	2001	2001	2001	2001	1501	1001	501	99	99	99	30	30	30	10	10	10	5	5
Jour																						
2083		101	80	61	39	25	25	25	15	5	5	5	5	5	5	5	5	5	5	5	5	5
Nuit																						
15N																						

2093		40		40		40		40		40		20		20		20		20		20		5		5		5		5		6		5		6		5		5		6		5					
Jour																																															
15N																																															

2094		1001		800		601		501		399		302		202		151		101		80		62		52		42		38		31		25		22		9		6		6		6					
Jour		DCO2		DCO2		DCO2		DCO2		DCO2		DCO2		DCO2		DCO2		DCO2		DCO2		DCO2		DCO2		DCO2		DCO2		DCO2		DCO2		DCO2		DCO2		DCO2		DCO2		DCO2		DCO2			
CTDGen		TOC		TOC		TOC		TOC		TOC		TOC		TOC		TOC		TOC		TOC		TOC		TOC		TOC		TOC		TOC		TOC		TOC		TOC		TOC		TOC		TOC		TOC			
		SNNH		SNNH		SNNH		SNNH		SNNH		SNNH		SNNH		SNNH		SNNH		SNNH		SNNH		SNNH		SNNH		SNNH		SNNH		SNNH		SNNH		SNNH		SNNH		SNNH		SNNH		SNNH			
		Flgl		Flgl		Flgl		Flgl		Flgl		Flgl		Flgl		Flgl		Flgl		Flgl		Flgl		Flgl		Flgl		Flgl		Flgl		Flgl		Flgl		Flgl		Flgl		Flgl		Flgl		Flgl			
		Pigm		Pigm		Pigm		Pigm		Pigm		Pigm		Pigm		Pigm		Pigm		Pigm		Pigm		Pigm		Pigm		Pigm		Pigm		Pigm		Pigm		Pigm		Pigm		Pigm		Pigm		Pigm			
												Lipd		Lipd		Lipd		Lipd		Lipd		Lipd		Lipd		Lipd		Lipd		Lipd		Lipd		Lipd		Lipd		Lipd		Lipd		Lipd		Lipd			
												Cyto		Cyto		Cyto		Cyto		Cyto		Cyto		Cyto		Cyto		Cyto		Cyto		Cyto		Cyto		Cyto		Cyto		Cyto		Cyto		Cyto			

2095		1500		1000		800		700		400		400		400		400		299		200		130		100		80		70		59		50		40		30		19		9		5					
Jour				Lipd						Lipd										Lipd		Lipd		Lipd		Lipd		Lipd		Lipd		Lipd		Lipd		Lipd		Lipd		Lipd		Lipd		Lipd			
GVols										Pigm		Pigm		Pigm		Pigm		Pigm		Pigm		Pigm		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		HIAC		HIAC		HIAC		HIAC	

2096		2000		1500		1002		800		599		400		200		148		101		60		60		40		40		23		23		11		11		6		5		2		2					
Jour																																															
15N																																															

2169		100		79		58		38		29		29		29		20		5		5		5		6		5		5		5		5		5		5		5		5		5		5			
Nuit																																															

2170		1500		1000		500		400		400		199		148		119		100		90		79		69		60		50		39		32		20		10		6		6		6					
Jour								Biod		Biod																														Biod		Biod					
GVolM																																															
		HIAC		HIAC		HIAC		HIAC		HIAC		HIAC		HIAC		HIAC		HIAC		HIAC		HIAC		HIAC		HIAC		HIAC		HIAC		HIAC		HIAC		HIAC		HIAC		HIAC		HIAC		HIAC		HIAC	

2171		1000		801		600		500		401		261		201		151		98		83		62		48		40		41		32		21		18		9		6		6		6					
Jour		DCO2		DCO2		CCO2		DCO2		DCO2		DCO2		DCO2		DCO2		DCO2		DCO2		DCO2		DCO2		DCO2		DCO2		DCO2		DCO2		DCO2		DCO2		DCO2		DCO2		DCO2		DCO2		DCO2	
CTDGen		TOC		TOC		TOC		TOC		TOC		TOC		TOC		TOC		TOC		TOC		TOC		TOC		TOC		TOC		TOC		TOC		TOC		TOC		TOC		TOC		TOC		TOC		TOC	
		SNNH		SNNH		SNNH		SNNH		SNNH		SNNH		SNNH		SNNH		SNNH		SNNH		SNNH		SNNH		SNNH		SNNH		SNNH		SNNH		SNNH		SNNH		SNNH		SNNH		SNNH		SNNH		SNNH	
		32Si		32Si		32Si		32Si		32Si		32Si		32Si		32Si		32Si		32Si		32Si		32Si		32Si		32Si		32Si		32Si		32Si		32Si		32Si		32Si		32Si		32Si		32Si	
		Flgl		Flgl		Flgl		Flgl		Flgl		Flgl		Flgl		Flgl		Flgl		Flgl		Flgl		Flgl		Flgl		Flgl		Flgl		Flgl		Flgl		Flgl		Flgl		Flgl		Flgl		Flgl		Flgl	
		Pigm		Pigm		Pigm		Pigm		Pigm		Pigm		Pigm		Pigm		Pigm		Pigm		Pigm		Pigm		Pigm		Pigm		Pigm		Pigm		Pigm		Pigm		Pigm		Pigm		Pigm		Pigm		Pigm	
												Lipd		Lipd		Lipd		Lipd		Lipd		Lipd		Lipd		Lipd		Lipd		Lipd		Lipd		Lipd		Lipd		Lipd		Lipd		Lipd		Lipd		Lipd	
												Cyto		Cyto		Cyto		Cyto		Cyto		Cyto		Cyto		Cyto		Cyto		Cyto		Cyto		Cyto		Cyto		Cyto		Cyto		Cyto		Cyto		Cyto	

2172		1000		1001		400		400		400		200		200		199		130		130		131		80		80		80		50		50		50		30		30		10		10					

Jour																						
RADelm																						

2173		100	100	100	31	32	32	9	9	9												
Jour																						

2174		1500	1002	801	600	600	600	500	401	300	200	129	102	80	49	39	29	20	20	10	10	4
Jour			Lipd						Lipd		Lipd	Lipd		Lipd	Lipd		Lipd			Lipd		
GVols					Pigm	Pigm	Pigm															
		HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	
			Zpkt															Zpkt	Zpkt			

2175		1008	1008	1008	901	901	901	800	800	801	701	701	701	600	600	600	501	501	501	400	400	400
Nuit																						
ETS Pf																						

2176		300	300	300	200	201	201	132	129	99	100	83	81	60	50	40	30	20	10	5	5	5
Nuit																						
ETS Sf																						

2177		103	101	100	31																	
Nuit																						

2178		82	80	63	60	51	51	51	42	42	42	32	30	21	21	21	13	12	13	6	6	6
Nuit																						
ProdPr																						

2179		81	81	60	60	60	50	50	50	40	40	41	30	30	20	20	20	13	13	6	6	5
Nuit																						

2180		801	599	500	400	300	201	200	200	147	119	100	88	80	59	49	39	29	19	9	5	5
Jour															Pigm	Pigm		Pigm	Pigm		Pigm	
GVolM																						

2181		40	40	40	41	40	20	20	20	20	21	5	5	5	6	5	5	6	5	5	5	5
Jour																						
15N																						

2182		1003	799	599	501	400	301	231	151	101	82	61	50	42	40	31	21	19	11	5	5	5
Jour		DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2		DCO2	DCO2		DCO2	DCO2	DCO2	DCO2
CTDGen		TOC	TOC	TOC	TOC	TOC	TOC	TOC	TOC	TOC	TOC	TOC	TOC	TOC		TOC	TOC		TOC	TOC	TOC	
		SNNH	SNNH	SNNH	SNNH	SNNH	SNNH	SNNH	SNNH	SNNH	SNNH	SNNH	SNNH	SNNH		SNNH	SNNH		SNNH	SNNH	SNNH	
		Flgl	Flgl	Flgl	Flgl	Flgl	Flgl	Flgl	Flgl		Flgl		Flgl	Flgl	Flgl		Flgl	Flgl		Flgl		Flgl
		Pigm	Pigm	Pigm	Pigm	Pigm	Pigm	Pigm	Pigm	Pigm	Pigm	Pigm	Pigm	Pigm		Pigm	Pigm	Pigm		Pigm		Pigm
														Graz							Graz	
							Lipd		Lipd	Lipd		Lipd		Lipd		Lipd						

2273	81	81	60	60	60	51	51	51	40	40	40	30	30	20	20	20	13	13	5	5	5	
Nuit																						
ProdPr																						

2274	801	600	500	399	300	200	200	200	150	119	100	90	78	60	50	40	30	19	10	5	5	
Nuit																						
GVolM																						

2275	50	50	50	50	50	31	30	30	30	30	6	6	5	5	6	6	6	5	5	5	5	
Jour																						
15N																						

2276	1000	801	602	502	402	302	201	151	101	80	62	52	41	40	32	19	19	12	6	6	6	
Jour	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2		DCO2	DCO2		DCO2	DCO2	DCO2		DCO2
CTDGen	TOC	TOC	TOC	TOC	TOC	TOC	TOC	TOC	TOC	TOC	TOC	TOC	TOC	TOC		TOC	TOC		TOC		TOC	
	SNNH	SNNH	SNNH	SNNH	SNNH	SNNH	SNNH	SNNH	SNNH	SNNH	SNNH	SNNH	SNNH		SNNH	SNNH		SNNH	SNNH	SNNH		
	Flgl	Flgl	Flgl	Flgl	Flgl	Flgl	Flgl	Flgl	Flgl		Flgl	Flgl	Flgl	Flgl	Flgl	Flgl		Flgl	Flgl		Flgl	Flgl
	Pigm	Pigm	Pigm	Pigm	Pigm	Pigm	Pigm	Pigm	Pigm	Pigm	Pigm	Pigm	Pigm	Pigm	Pigm	Pigm		Pigm	Pigm	Pigm		Pigm
							Lipd	Lipd	Lipd		Lipd	Lipd	Lipd		Lipd							Graz
				Cyto	Cyto	Cyto	Cyto	Cyto	Cyto	Cyto	Cyto	Cyto	Cyto	Cyto	Cyto	Cyto		Cyto		Cyto	Cyto	Cyto

2277	101	95	30	30	5	6																
Jour																						

2278	1501	1001	802	701	701	700	600	501	400	361	201	132	101	82	51	42	32	25	25	11	4	
Jour																						
GVol																						

2279	2001	1501	1001	801	601	349	201	147	101	62	52	42	34	22	4	4	4	4	4	4	4	
Jour																						

2401	101	81	60	40	31	31	31	20	11	5	6	6	6	6	6	5	6	5	6	6	6	
Nuit																						

2402	1501	1000	500	400	401	200	150	120	101	90	80	70	60	50	39	30	20	10	6	6	6	
Jour																						
GVolM																						

2403	153	153	153	31	31	31	5	5	5													
Jour																						

2404	1001	801	600	500	399	300	201	151	101	81	61	50	41	39	30	22	20	11	5	5	5	
Jour	DCO2	DCO2	CCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2		DCO2	DCO2		DCO2	DCO2			DCO2
CTDGen	TOC	TOC	TOC	TOC	TOC	TOC	TOC	TOC	TOC	TOC	TOC	TOC	TOC	TOC		TOC	TOC		TOC	TOC		

		SNNH	SNNH	SNNH	SNNH	SNNH	SNNH	SNNH	SNNH	SNNH	SNNH	SNNH	SNNH	SNNH	SNNH	SNNH	SNNH	SNNH	SNNH	SNNH	SNNH	SNNH	SNNH
		Flgl	Flgl	Flgl	Flgl	Flgl	Flgl	Flgl	Flgl	Flgl	Flgl	Flgl	Flgl	Flgl	Flgl	Flgl	Flgl	Flgl	Flgl	Flgl	Flgl	Flgl	Flgl
		Pigm	Pigm	Pigm	Pigm	Pigm	Pigm	Pigm	Pigm	Pigm	Pigm	Pigm	Pigm	Pigm	Pigm	Pigm	Pigm	Pigm	Pigm	Pigm	Pigm	Pigm	Pigm
															Graz							Graz	
							Lipd		Lipd	Lipd		Lipd		Lipd		Lipd							
				Cyto	Cyto	Cyto	Cyto	Cyto	Cyto	Cyto	Cyto	Cyto	Cyto	Cyto	Cyto	Cyto	Cyto	Cyto	Cyto	Cyto	Cyto	Cyto	Cyto

	2414	1500	1000	900	900	901	799	700	601	502	401	301	200	131	80	50	38	29	20	21	10	4	
	Jour		Lipd									Lipd		Lipd	Lipd	Lipd	Lipd				Lipd		
	GVol			Pigm	Pigm	Pigm																	
		HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC
																			Zpkt	Zpkt			

	2415	101	9	10	6	2	0																
	Nuit																						

	2416	2003	1500	1001	803	601	349	199	148	101	62	51	40	30	20	6	5	5	5	5	5	5	5
	Jour																						
	15N																						

POMME 2 - LEG2

17 Avril - 3 Mai 2001

ATALANTE

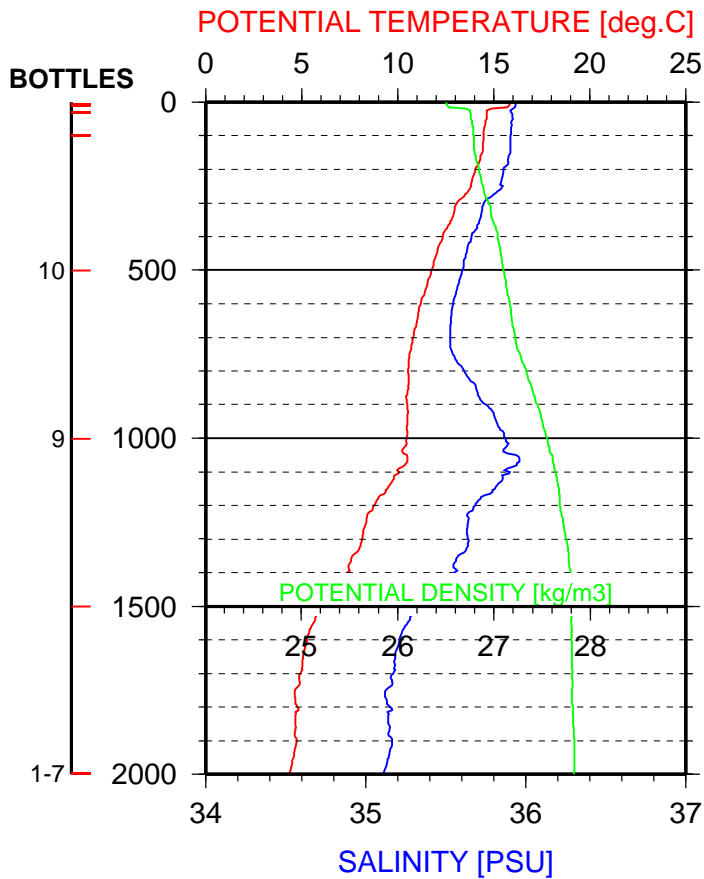
0 - 400 dbars

0 - 2000 dbars

L.PRIEUR - J.RAUNET

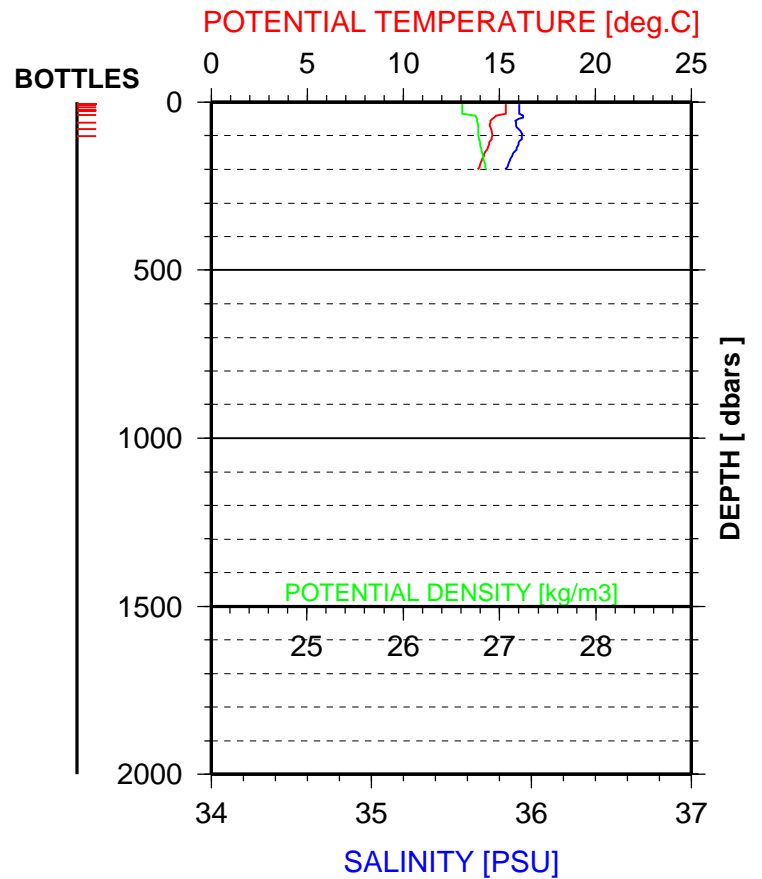
POMME2 - VALID STATION 2082

17 / 4 / 2001 - 17 h 0 m



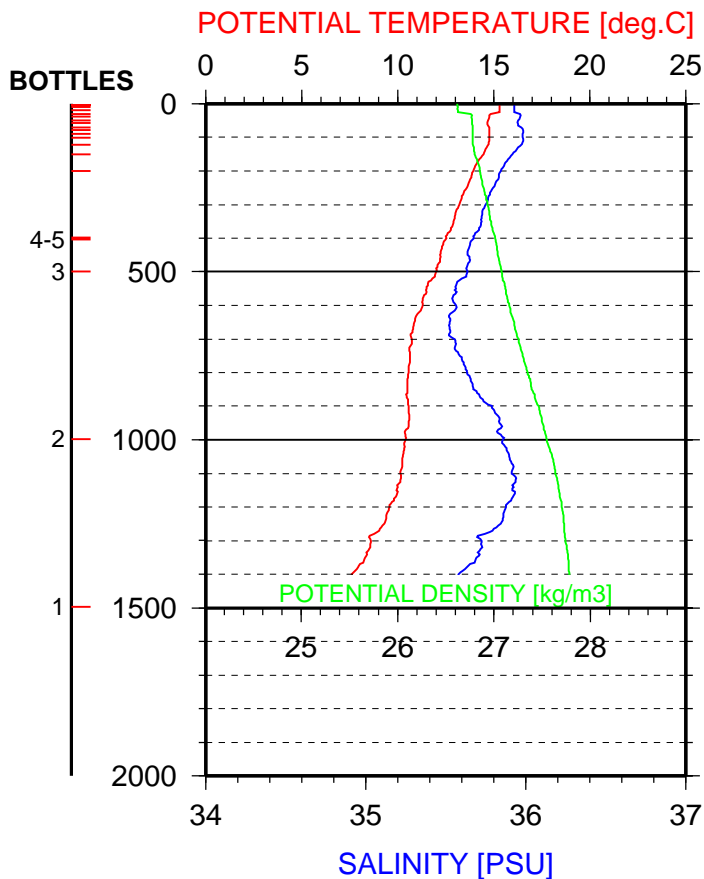
POMME2 - VALID STATION 2083

18 / 4 / 2001 - 5 h 46 m



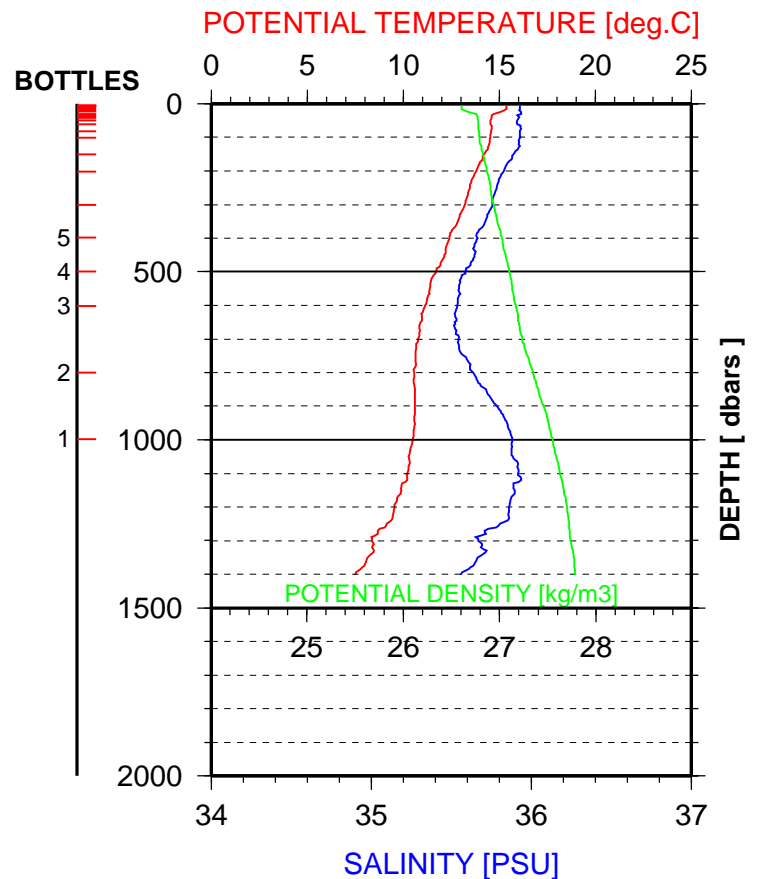
POMME2 - VALID STATION 2084

18 / 4 / 2001 - 7 h 32 m



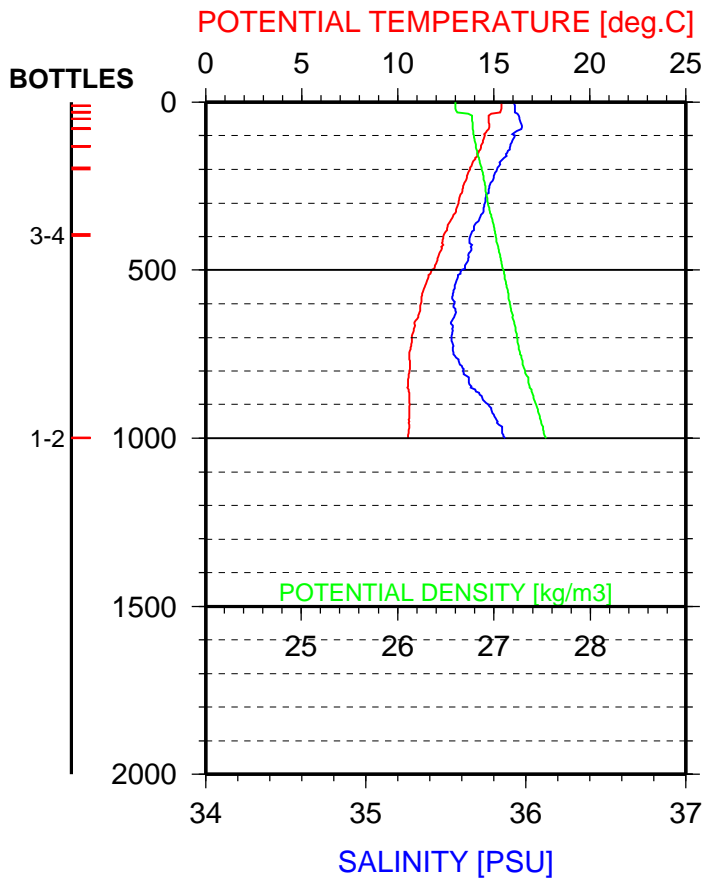
POMME2 - VALID STATION 2085

18 / 4 / 2001 - 11 h 5 m



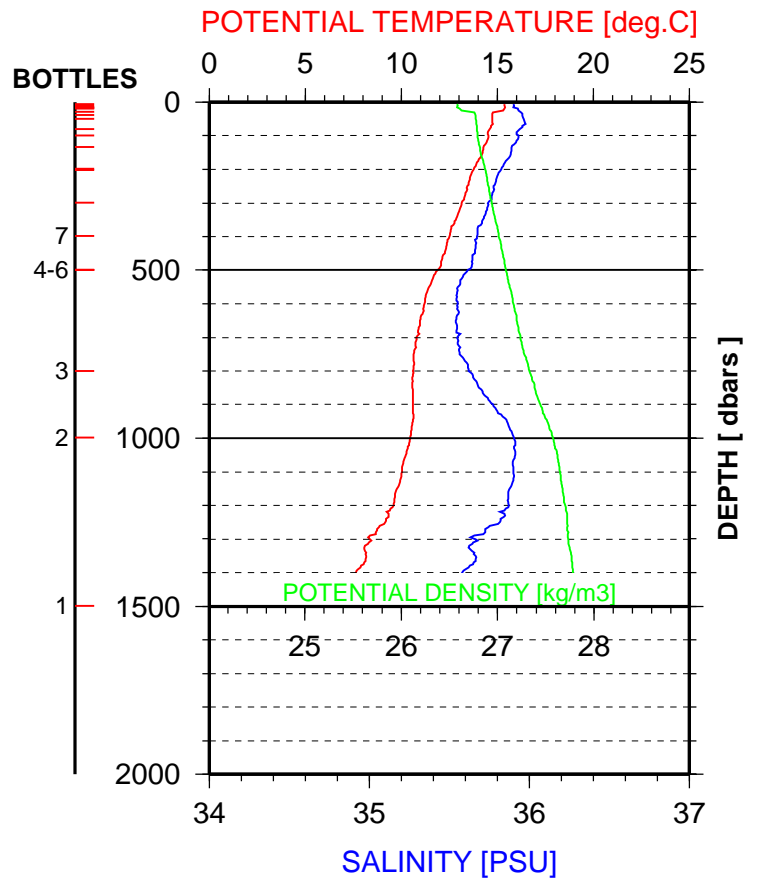
POMME2 - VALID STATION 2086

18 / 4 / 2001 - 17 h 17 m



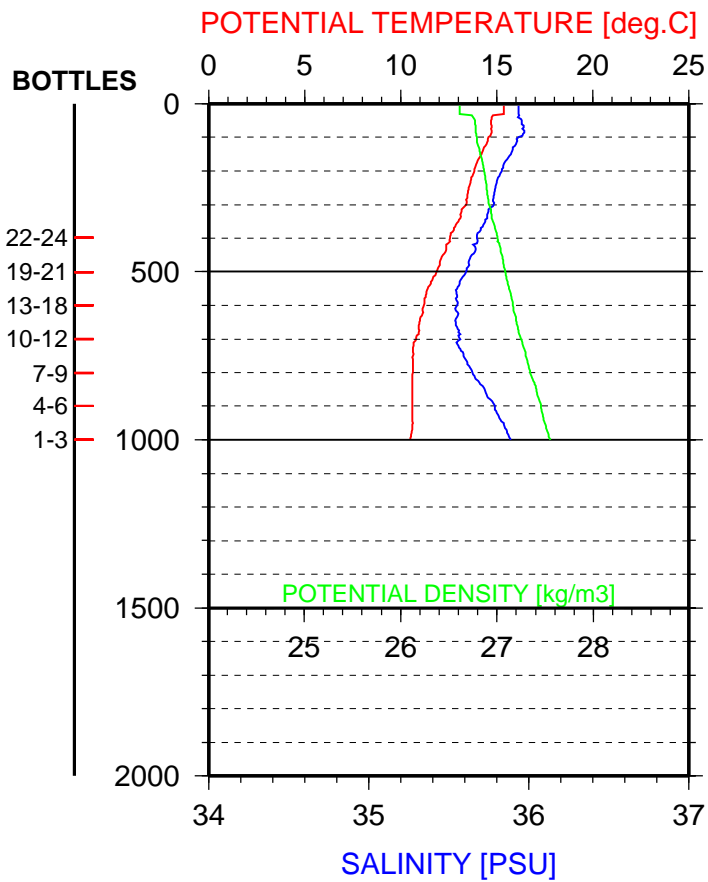
POMME2 - VALID STATION 2087

18 / 4 / 2001 - 18 h 55 m



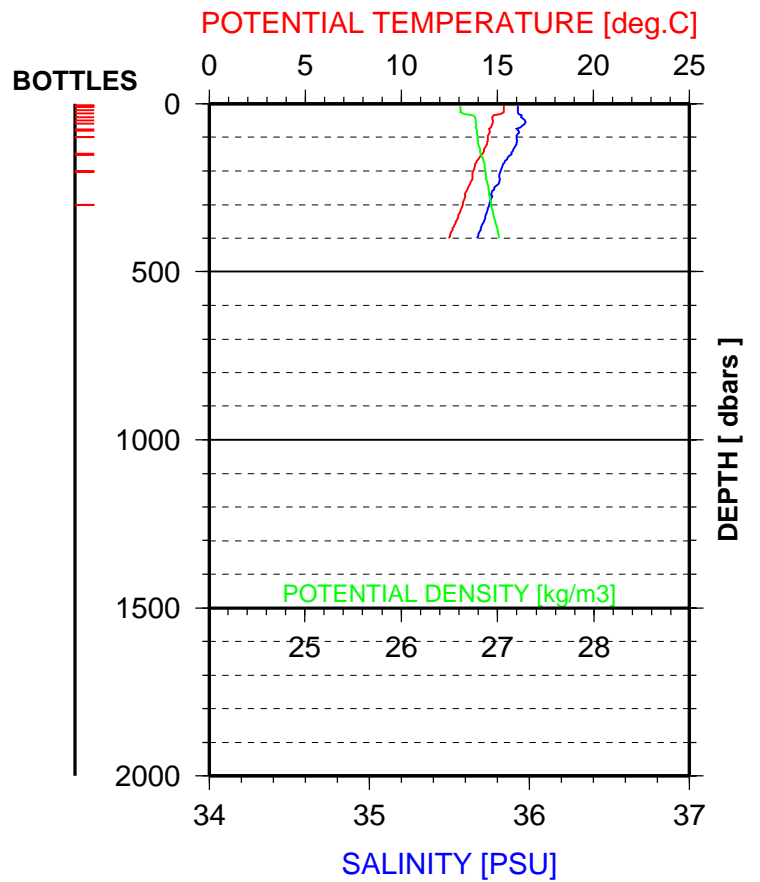
POMME2 - VALID STATION 2088

18 / 4 / 2001 - 22 h 20 m



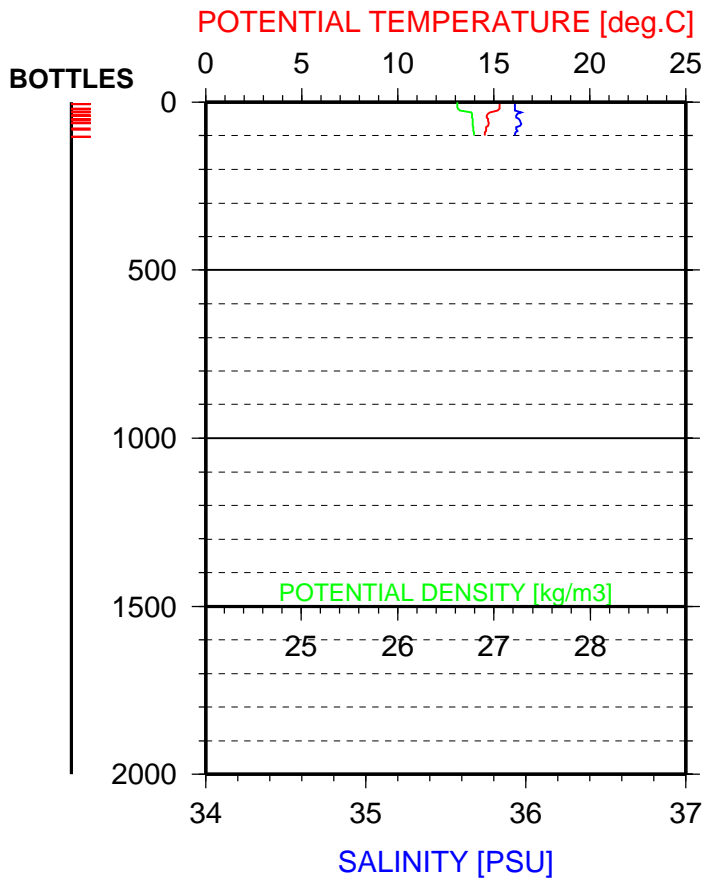
POMME2 - VALID STATION 2089

19 / 4 / 2001 - 0 h 40 m



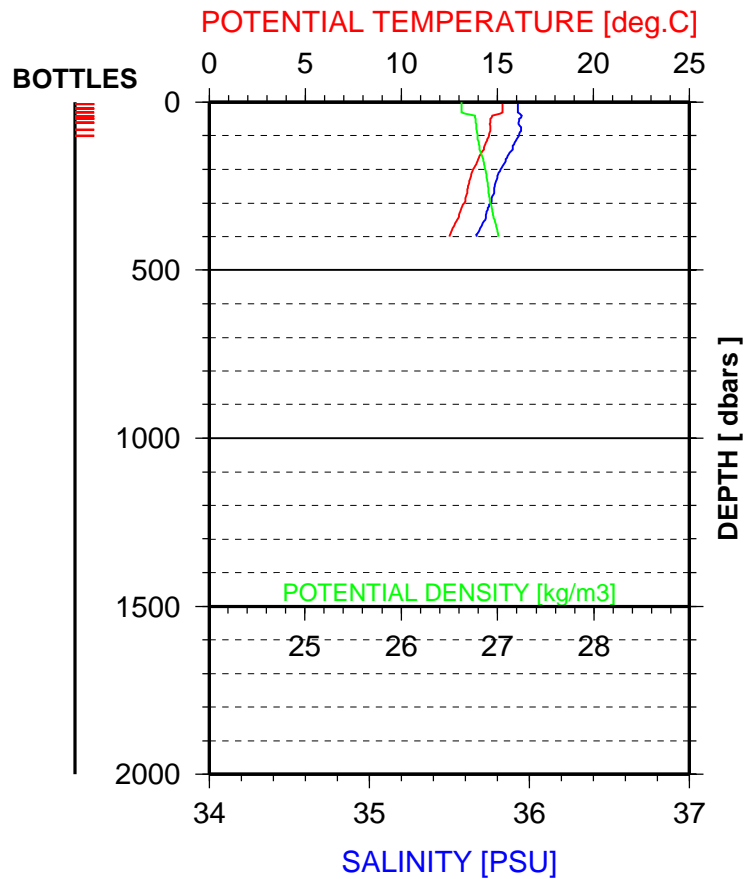
POMME2 - VALID STATION 2090

19 / 4 / 2001 - 2 h 57 m



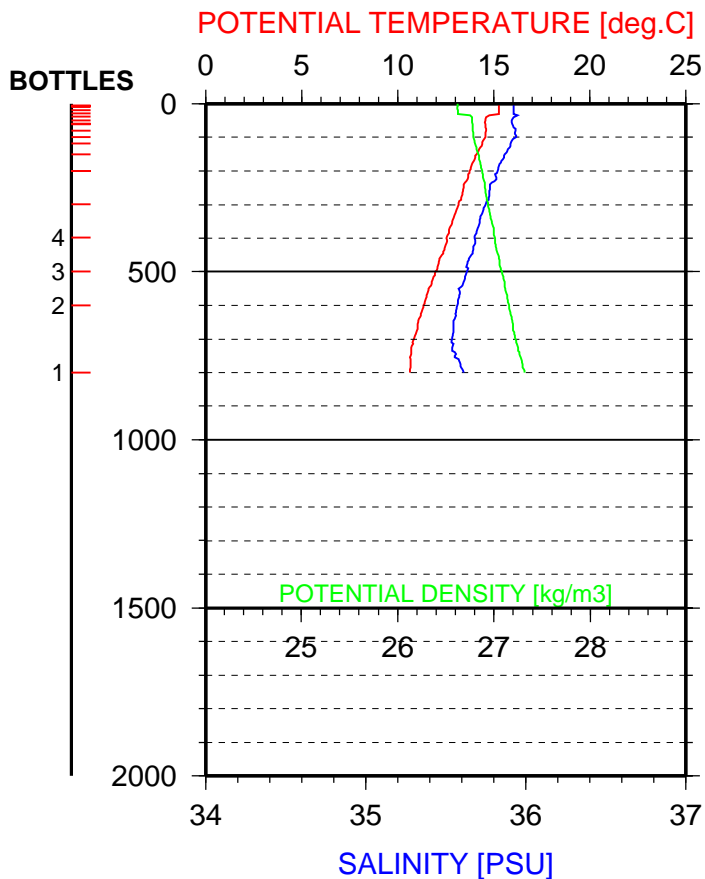
POMME2 - VALID STATION 2091

19 / 4 / 2001 - 4 h 18 m



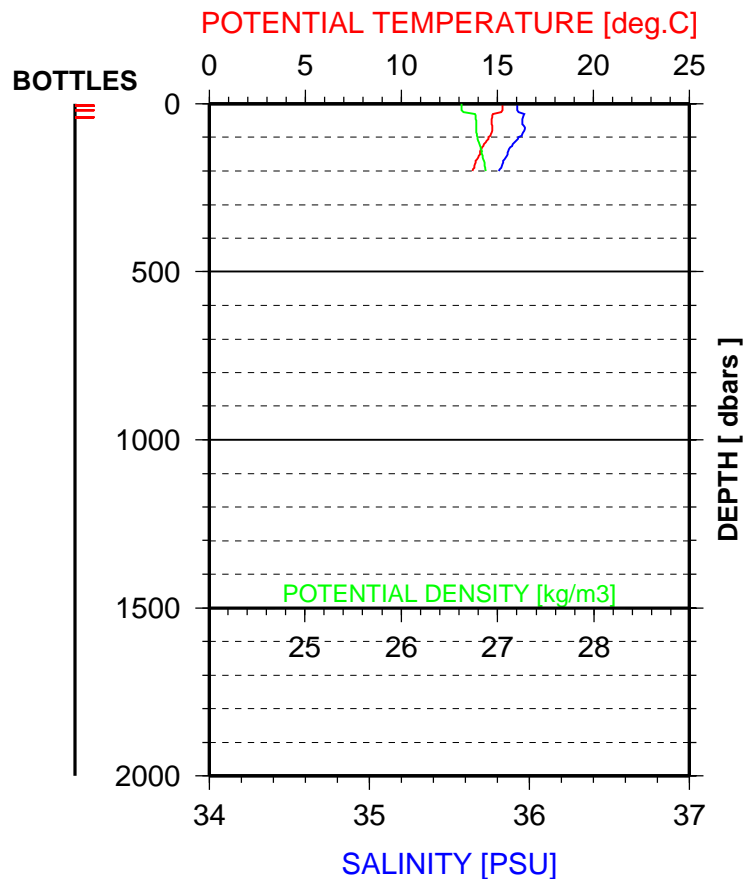
POMME2 - VALID STATION 2092

19 / 4 / 2001 - 5 h 55 m



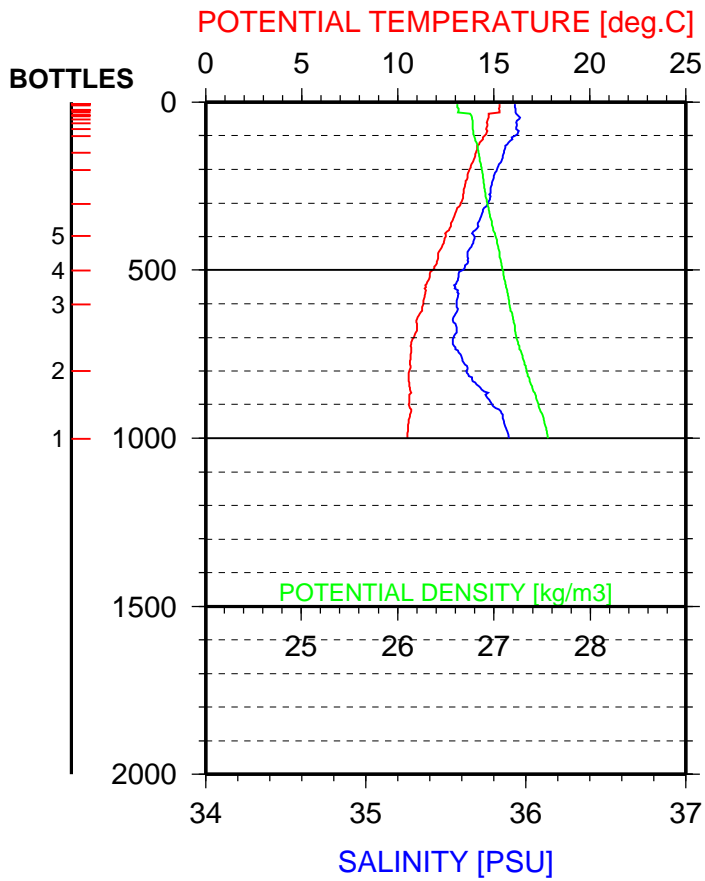
POMME2 - VALID STATION 2093

19 / 4 / 2001 - 7 h 15 m



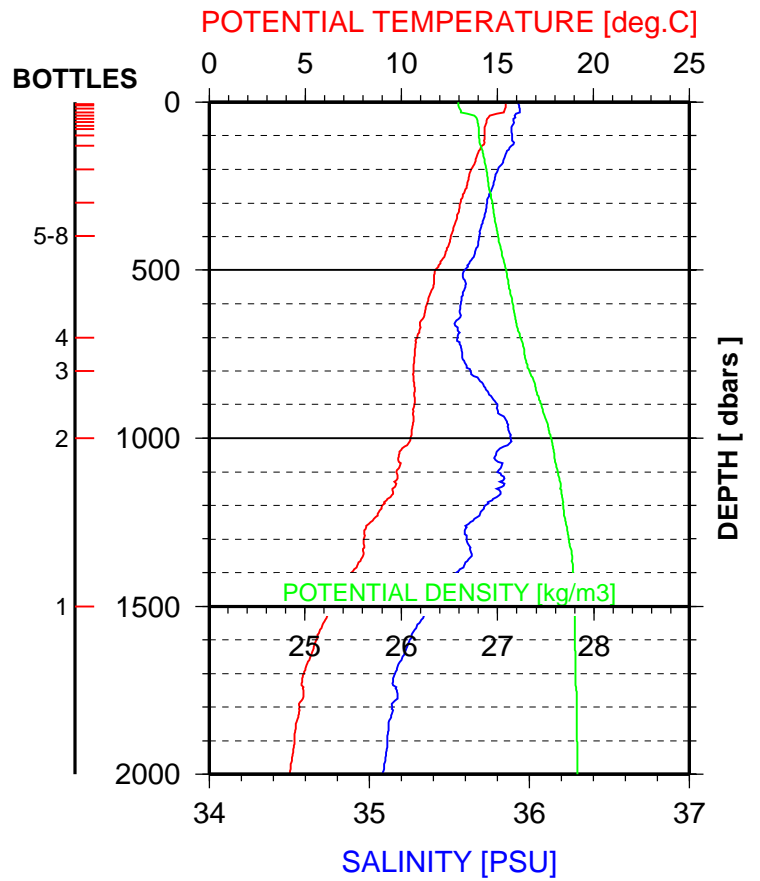
POMME2 - VALID STATION 2094

19 / 4 / 2001 - 11 h 30 m



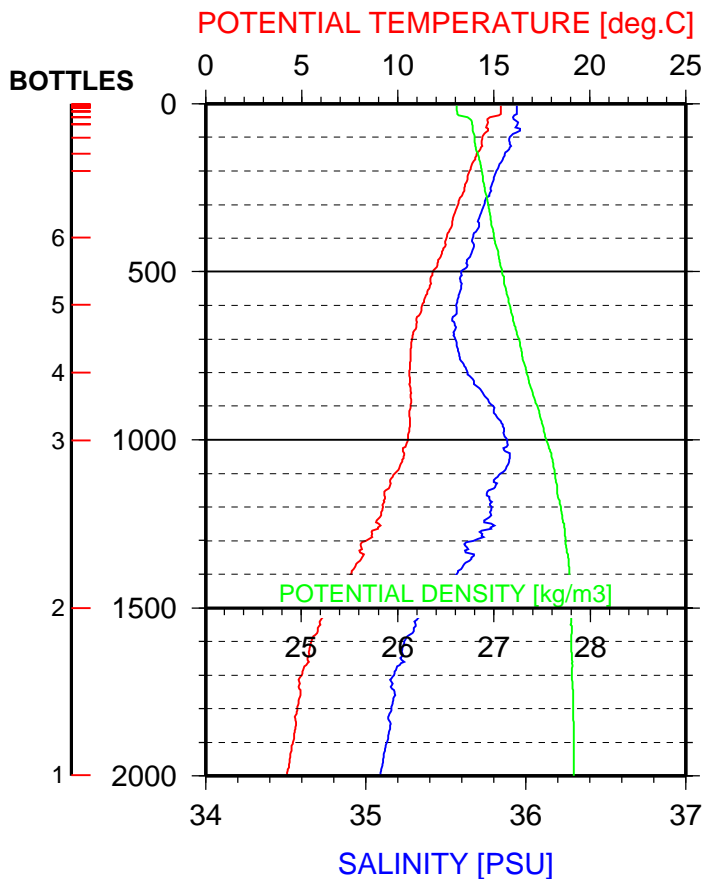
POMME2 - VALID STATION 2095

19 / 4 / 2001 - 18 h 58 m



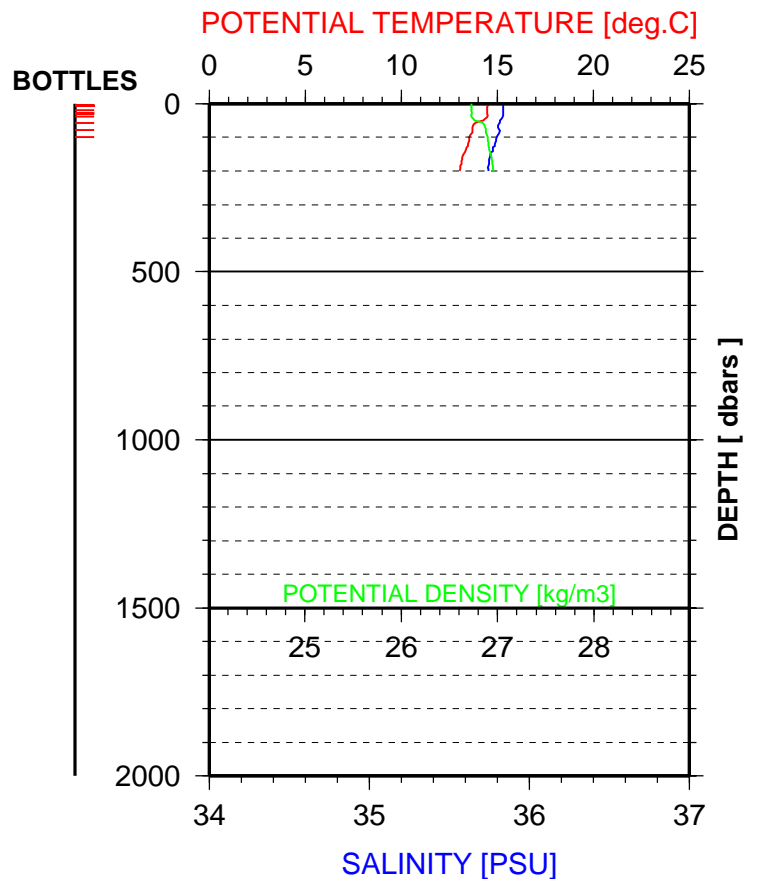
POMME2 - VALID STATION 2096

20 / 4 / 2001 - 9 h 12 m



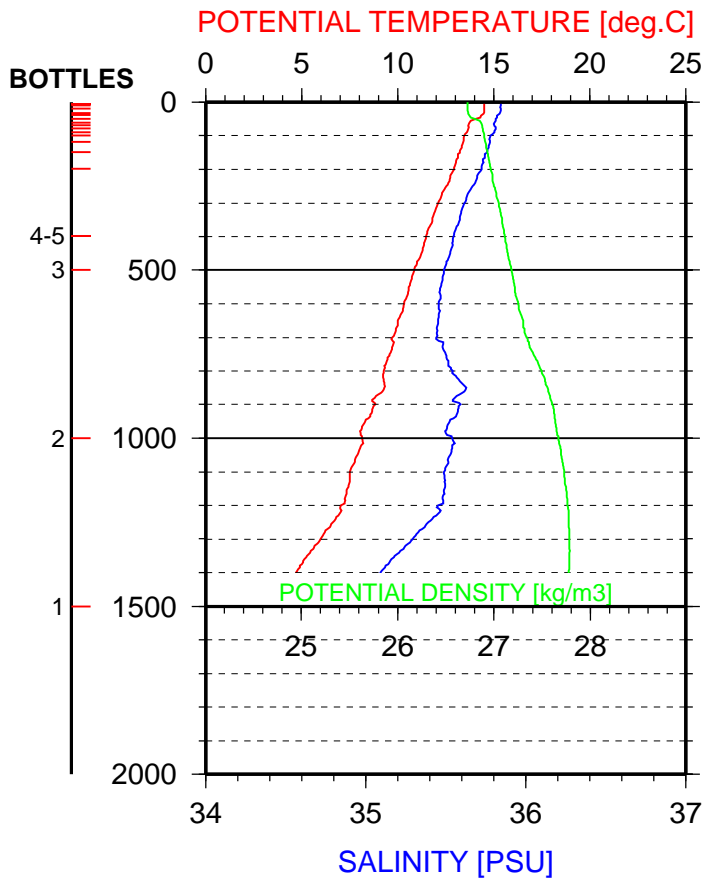
POMME2 - VALID STATION 2169

22 / 4 / 2001 - 5 h 26 m



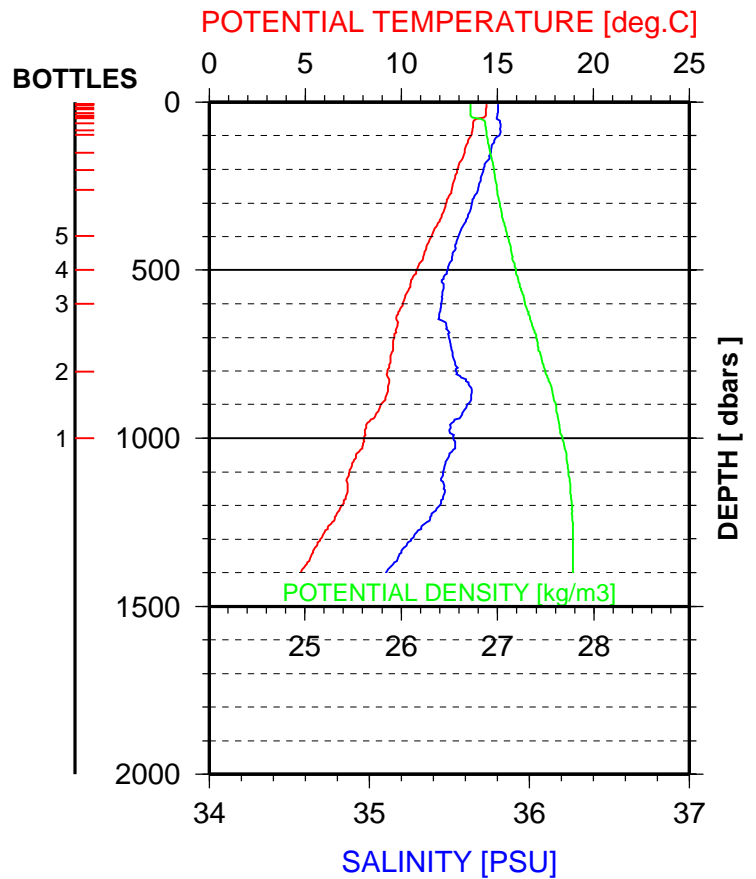
POMME2 - VALID STATION 2170

22 / 4 / 2001 - 6 h 59 m



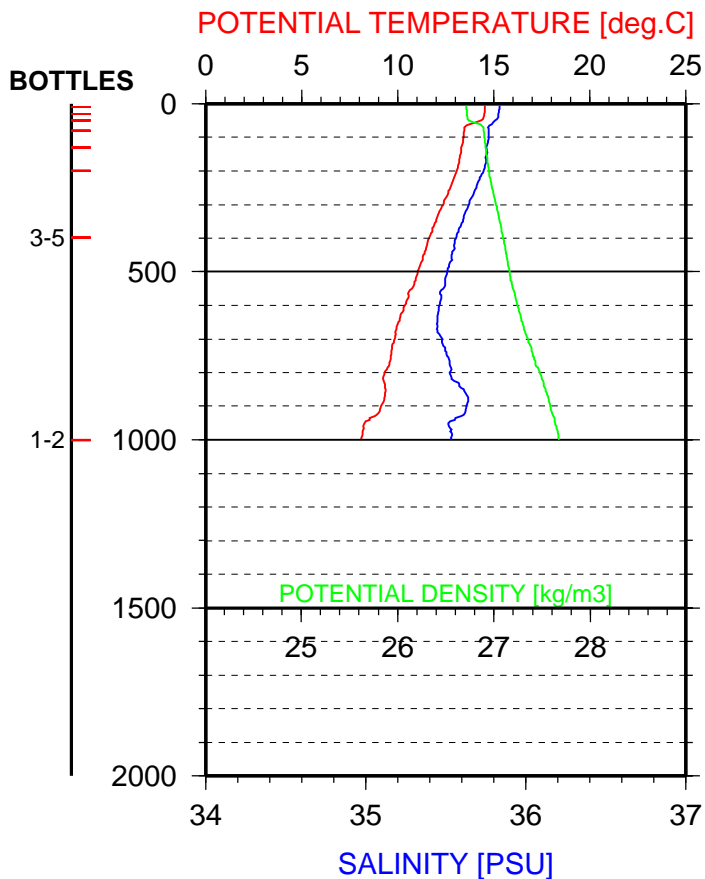
POMME2 - VALID STATION 2171

22 / 4 / 2001 - 10 h 33 m



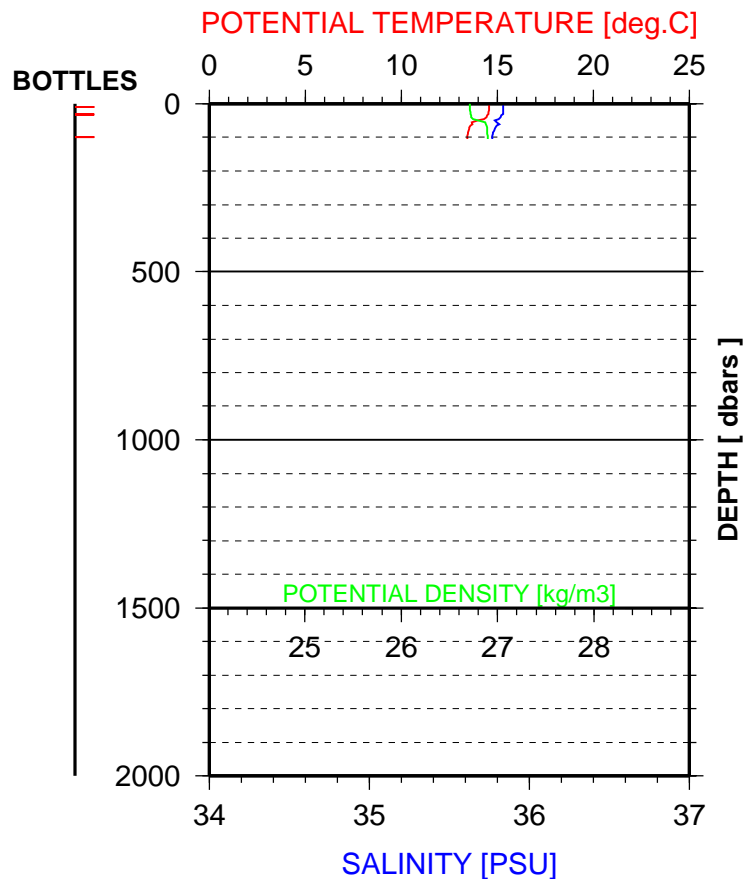
POMME2 - VALID STATION 2172

22 / 4 / 2001 - 16 h 21 m



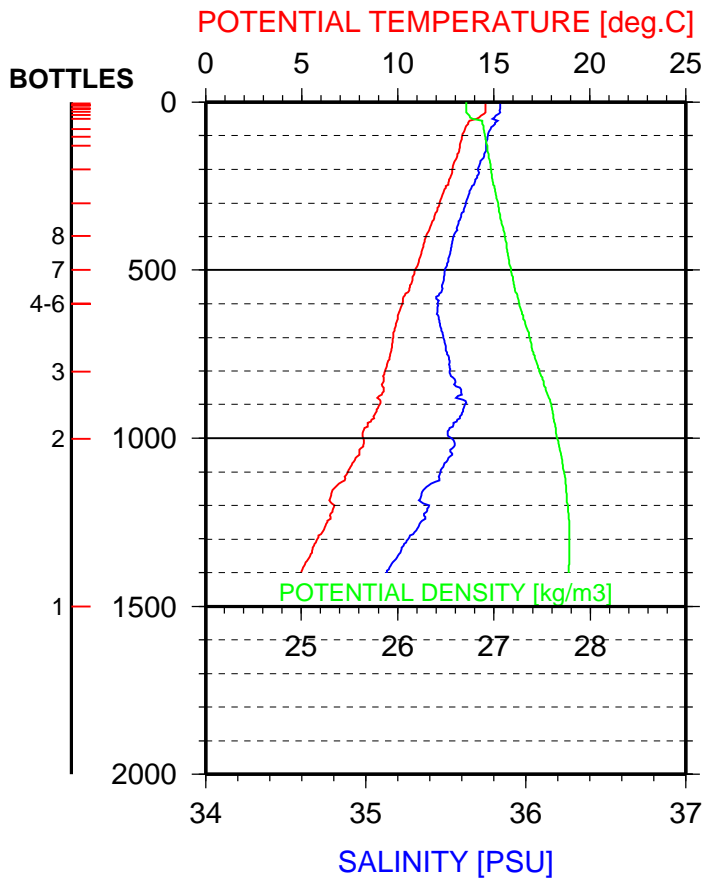
POMME2 - VALID STATION 2173

22 / 4 / 2001 - 17 h 57 m



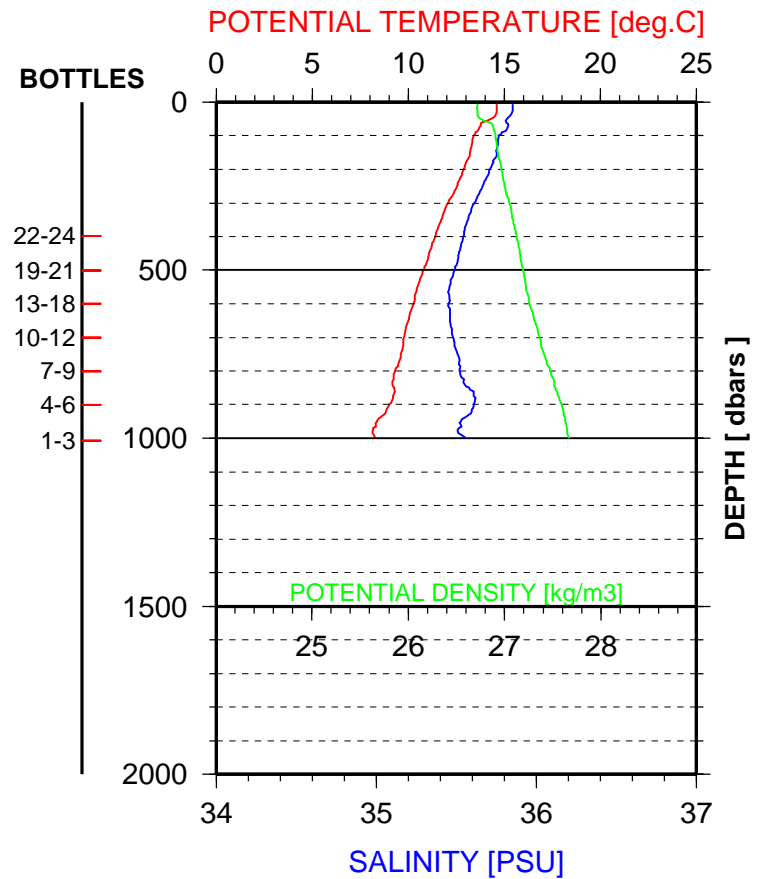
POMME2 - VALID STATION 2174

22 / 4 / 2001 - 18 h 36 m



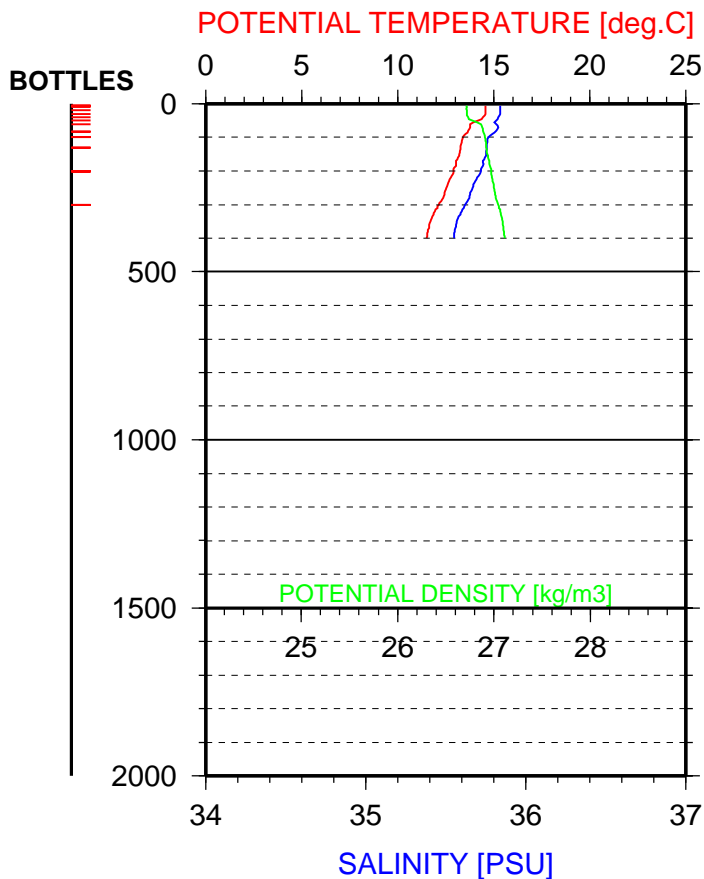
POMME2 - VALID STATION 2175

22 / 4 / 2001 - 22 h 18 m



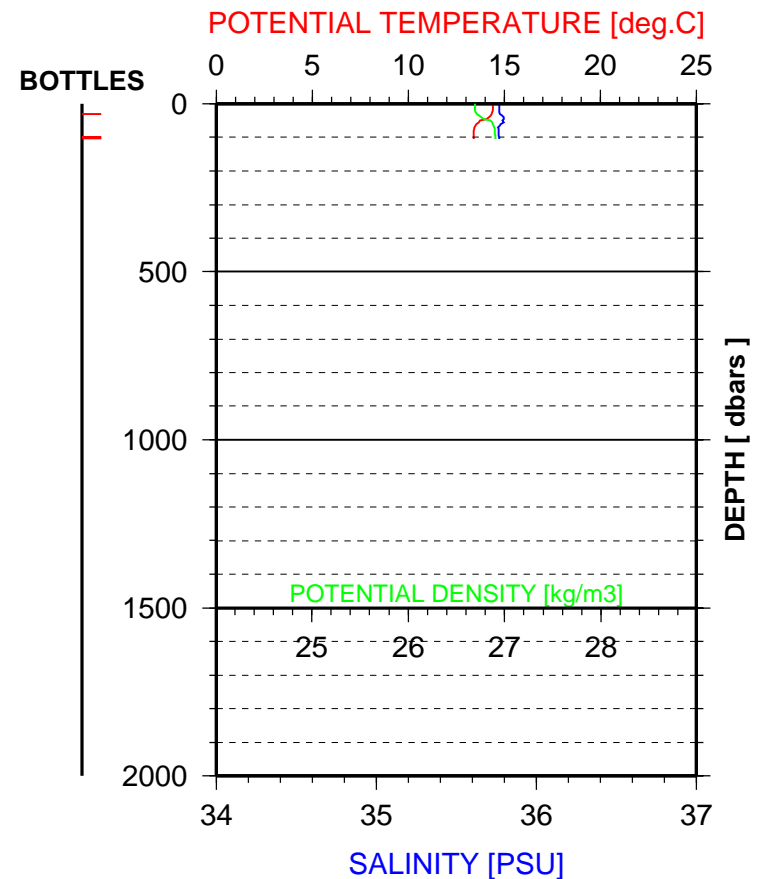
POMME2 - VALID STATION 2176

23 / 4 / 2001 - 0 h 32 m



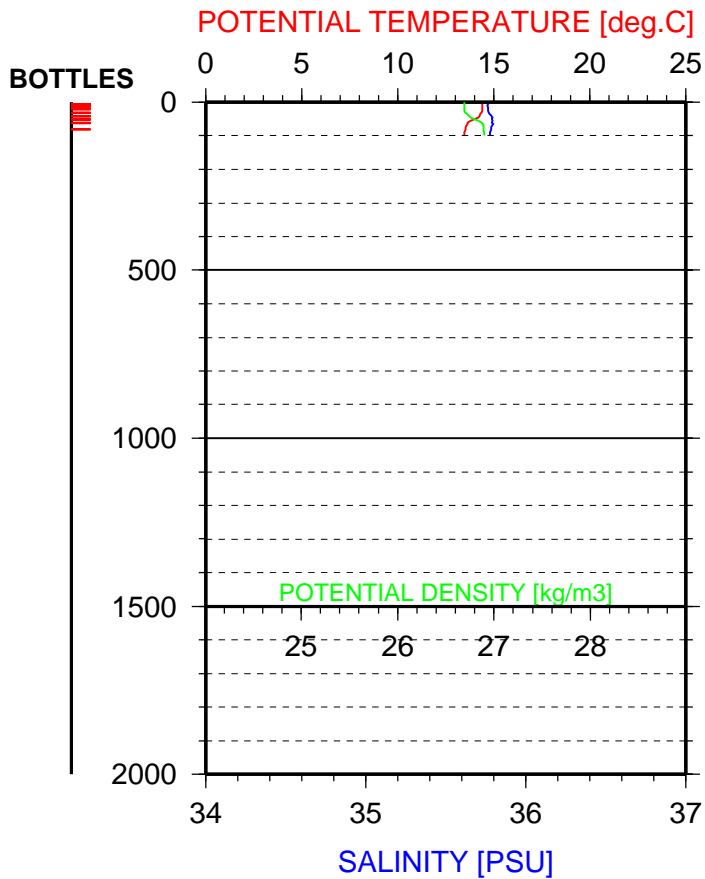
POMME2 - VALID STATION 2177

23 / 4 / 2001 - 2 h 40 m



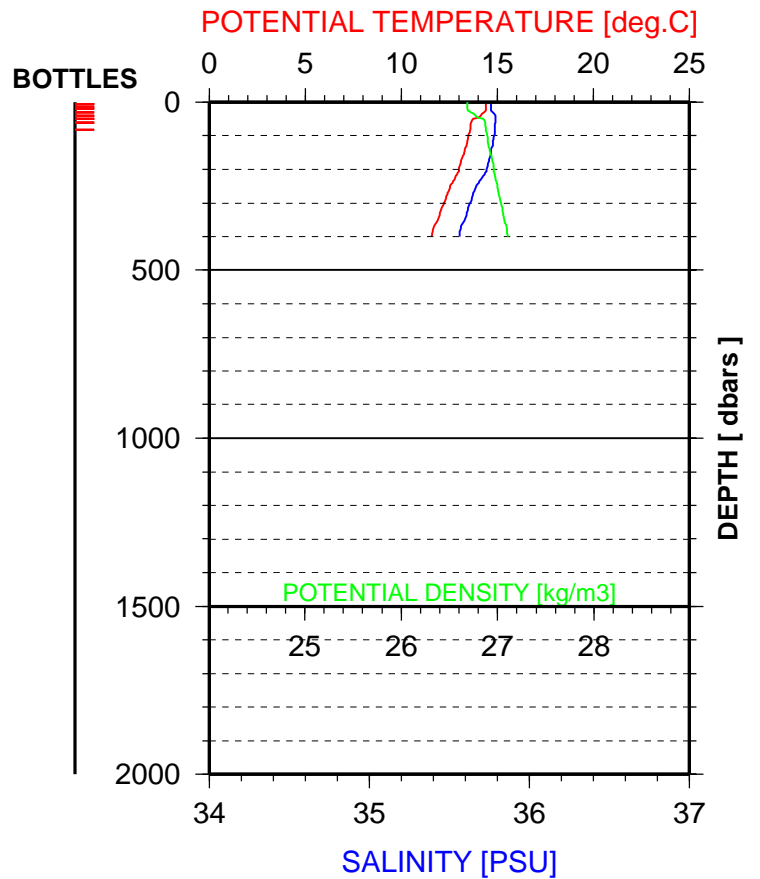
POMME2 - VALID STATION 2178

23 / 4 / 2001 - 3 h 15 m



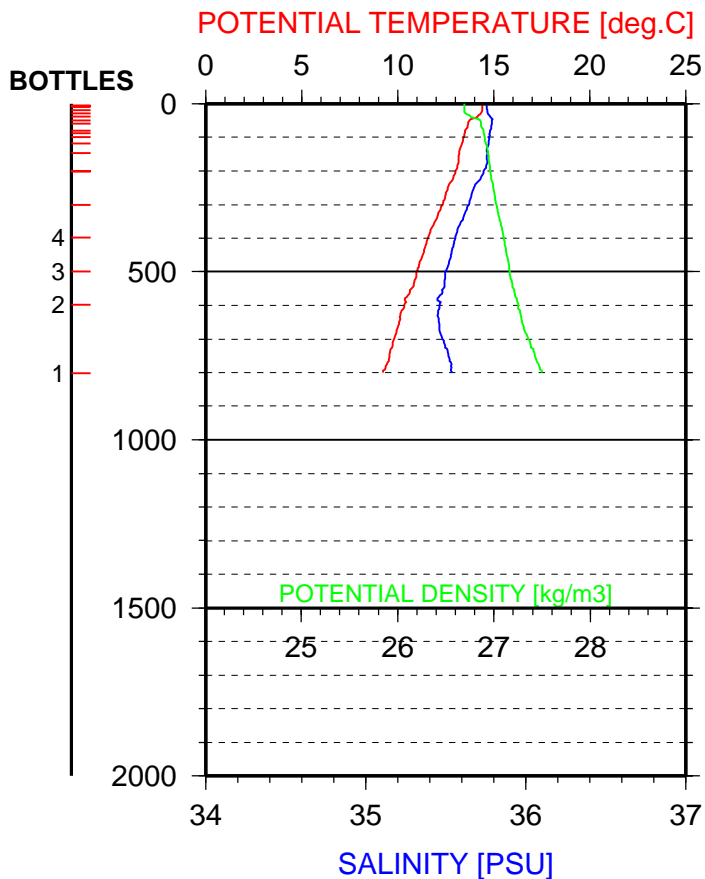
POMME2 - VALID STATION 2179

23 / 4 / 2001 - 4 h 39 m



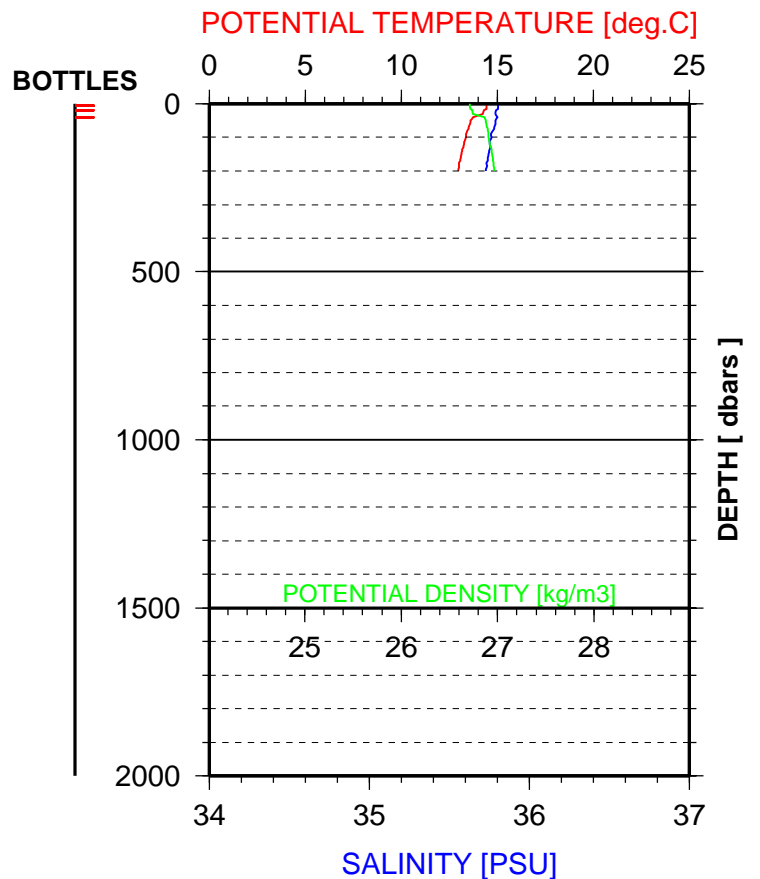
POMME2 - VALID STATION 2180

23 / 4 / 2001 - 6 h 12 m



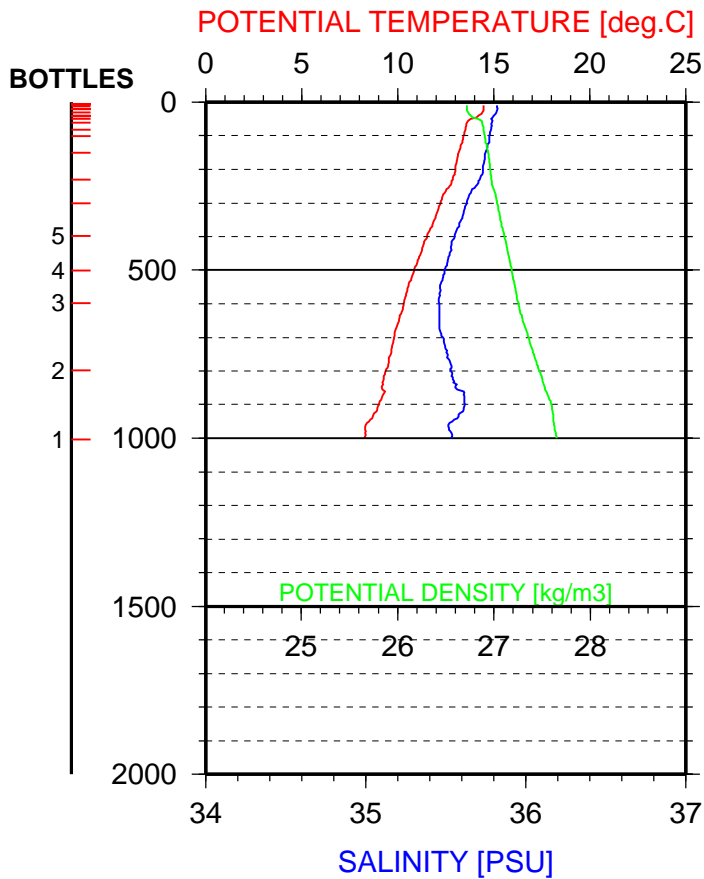
POMME2 - VALID STATION 2181

23 / 4 / 2001 - 7 h 29 m



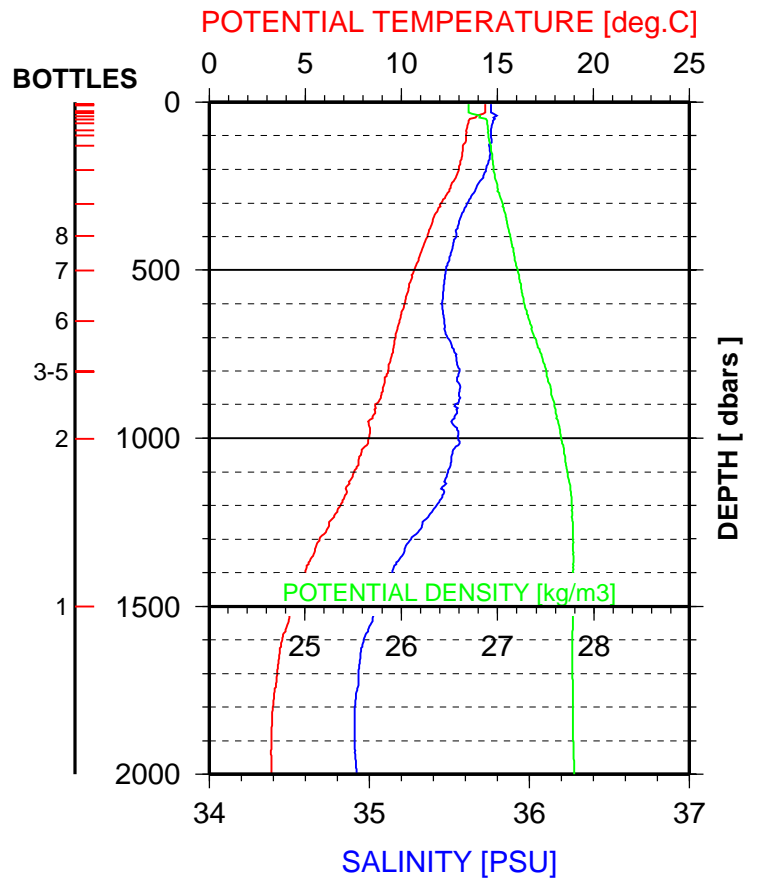
POMME2 - VALID STATION 2182

23 / 4 / 2001 - 11 h 18 m



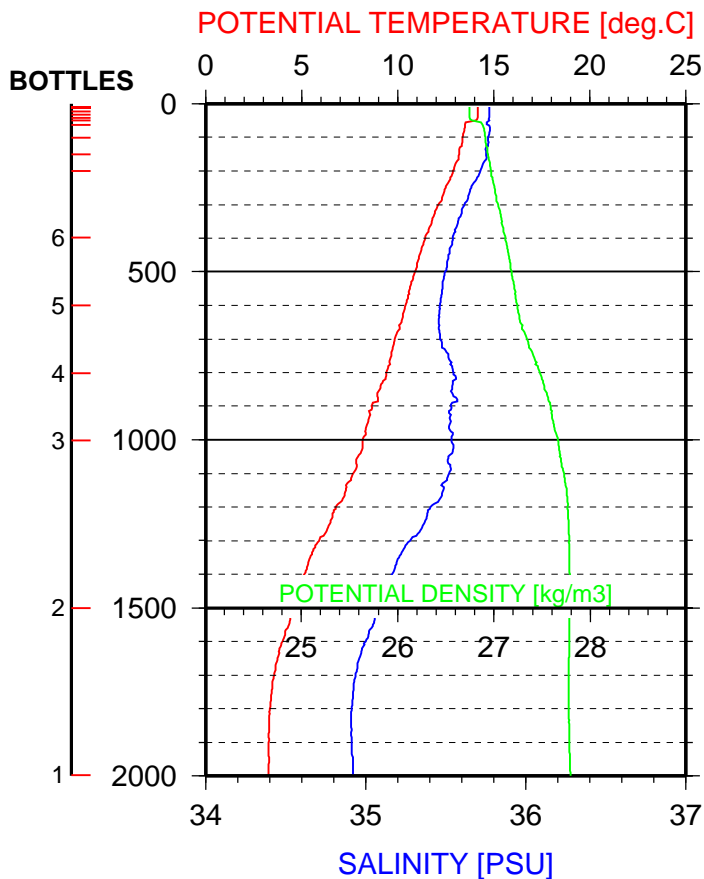
POMME2 - VALID STATION 2183

23 / 4 / 2001 - 19 h 28 m



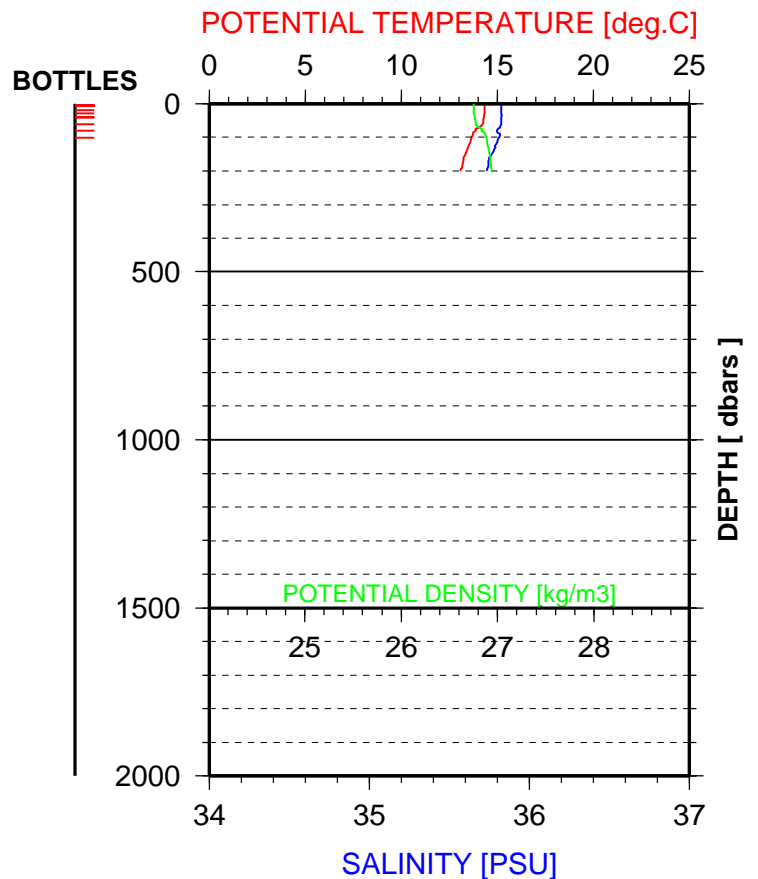
POMME2 - VALID STATION 2184

24 / 4 / 2001 - 12 h 14 m



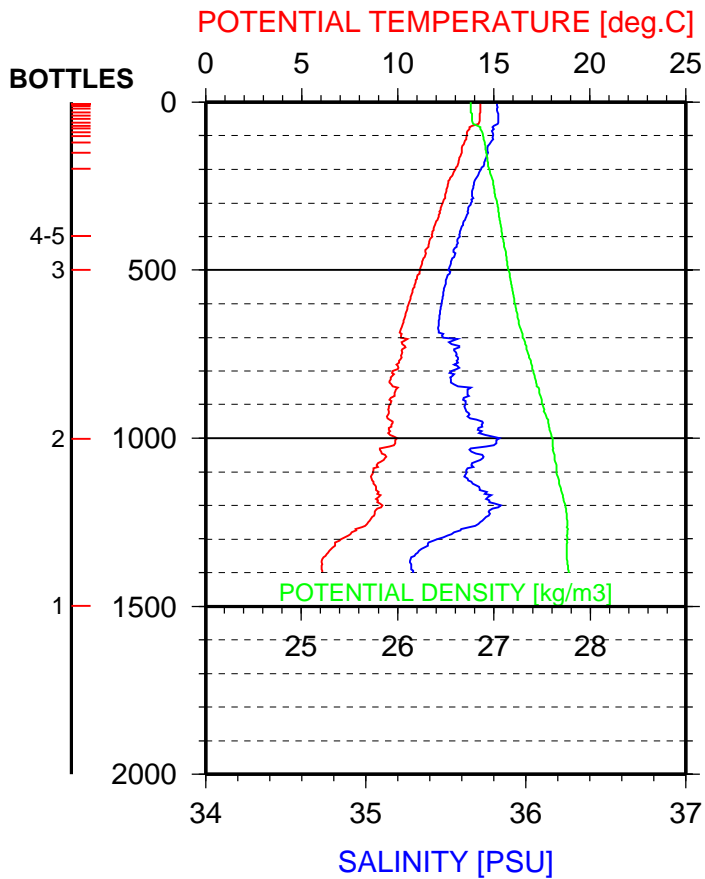
POMME2 - VALID STATION 2265

26 / 4 / 2001 - 5 h 17 m



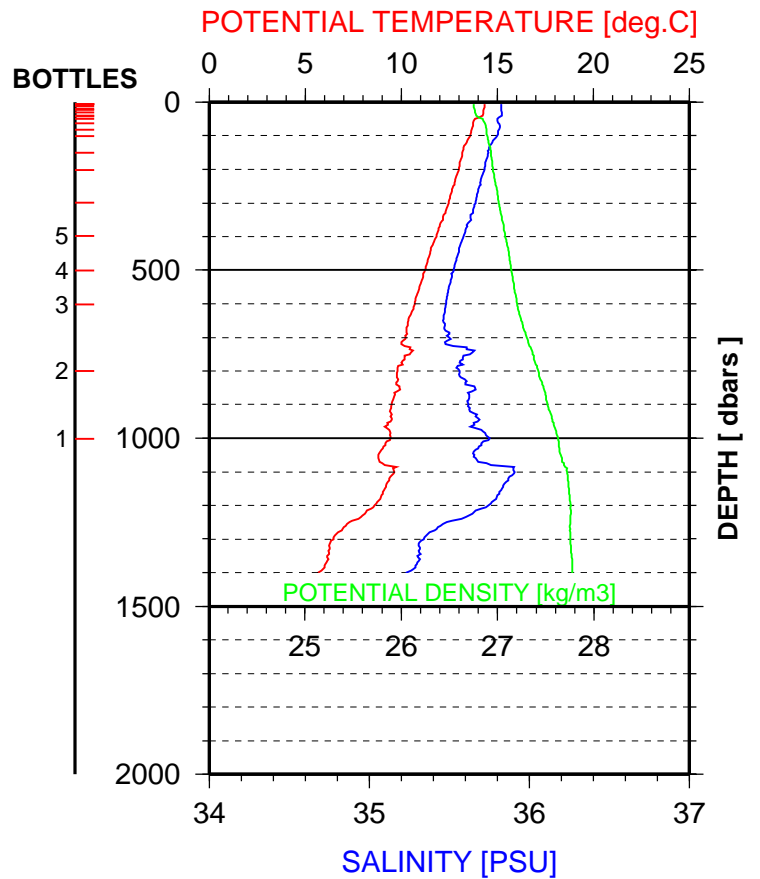
POMME2 - VALID STATION 2266

26 / 4 / 2001 - 6 h 58 m



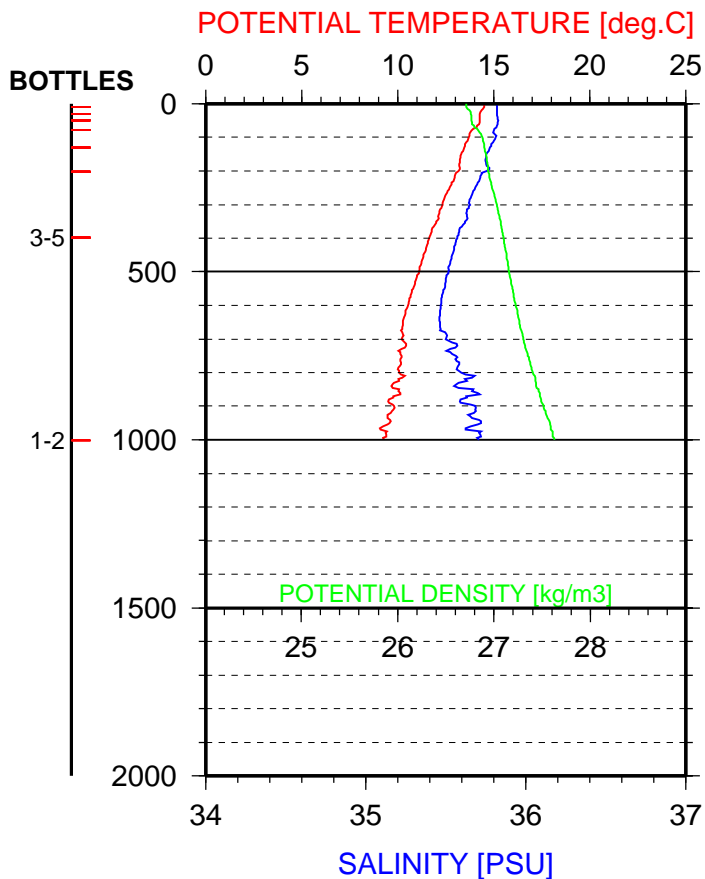
POMME2 - VALID STATION 2267

26 / 4 / 2001 - 11 h 9 m



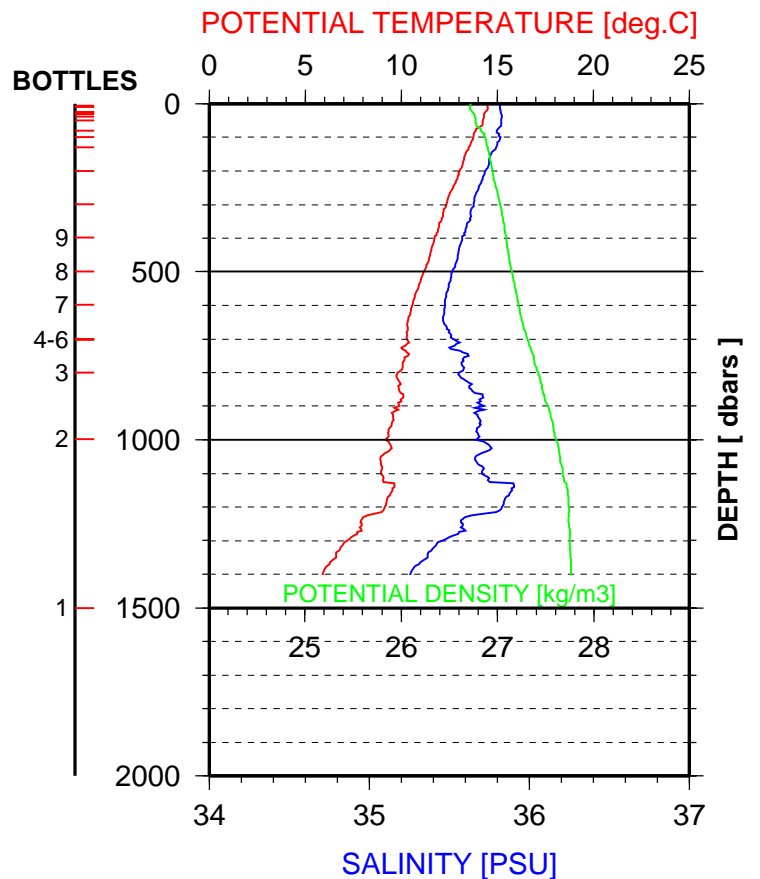
POMME2 - VALID STATION 2268

26 / 4 / 2001 - 16 h 55 m



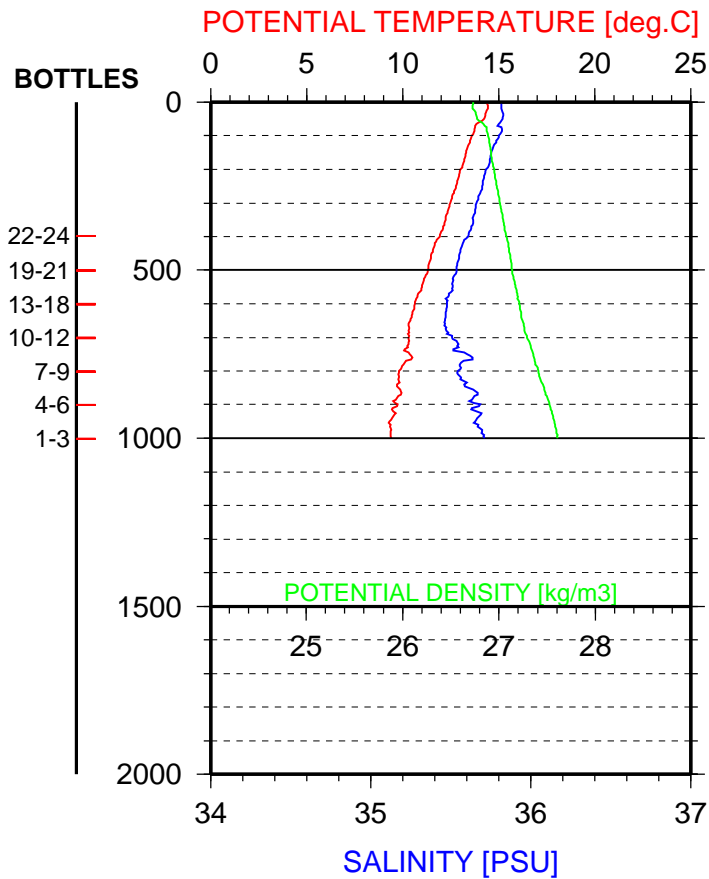
POMME2 - VALID STATION 2269

26 / 4 / 2001 - 18 h 33 m



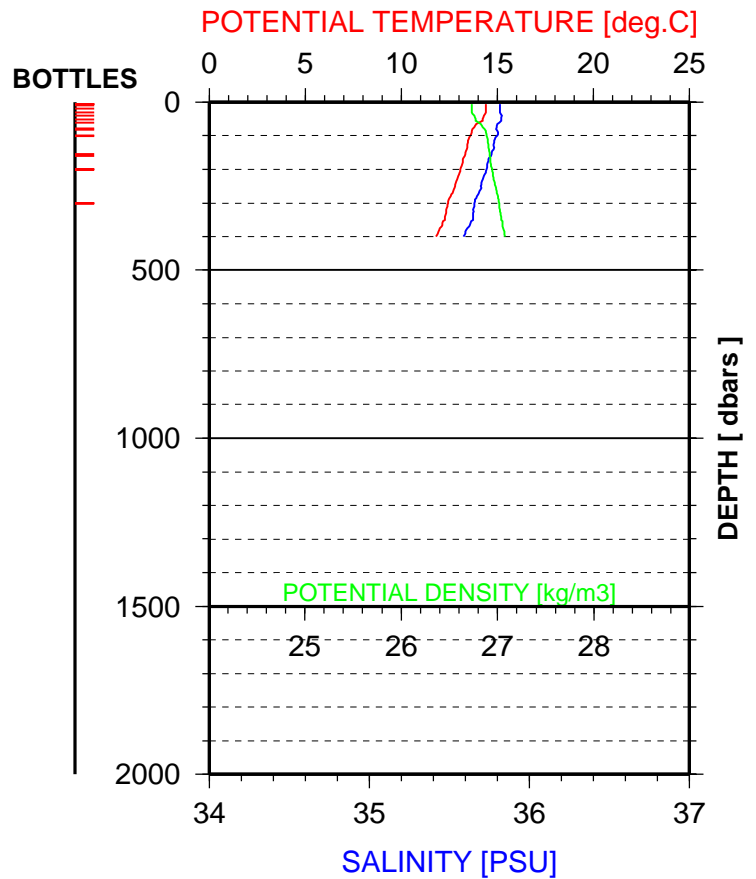
POMME2 - VALID STATION 2270

26 / 4 / 2001 - 22 h 0 m



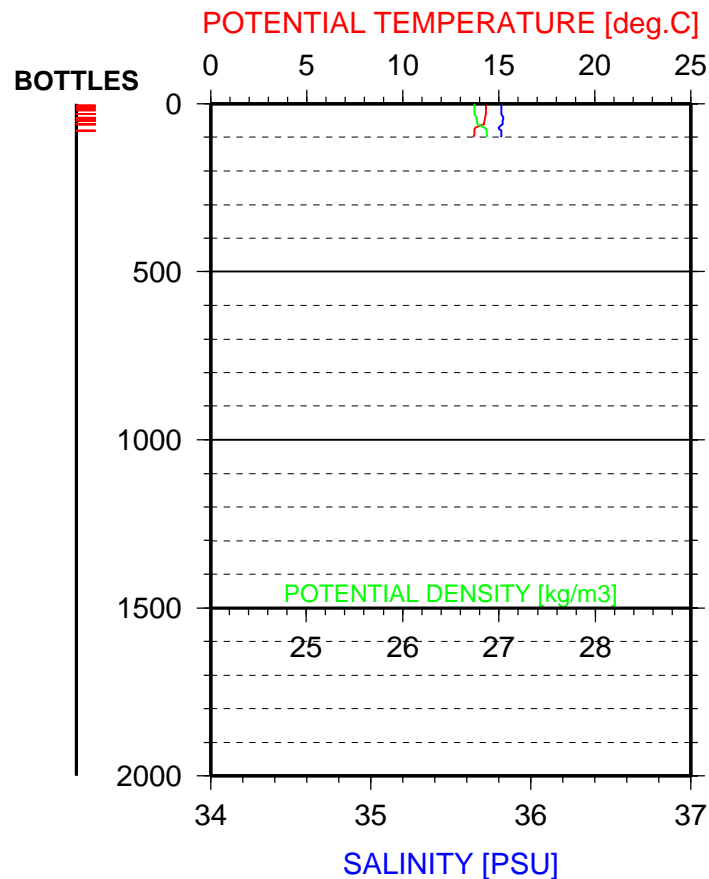
POMME2 - VALID STATION 2271

27 / 4 / 2001 - 0 h 9 m



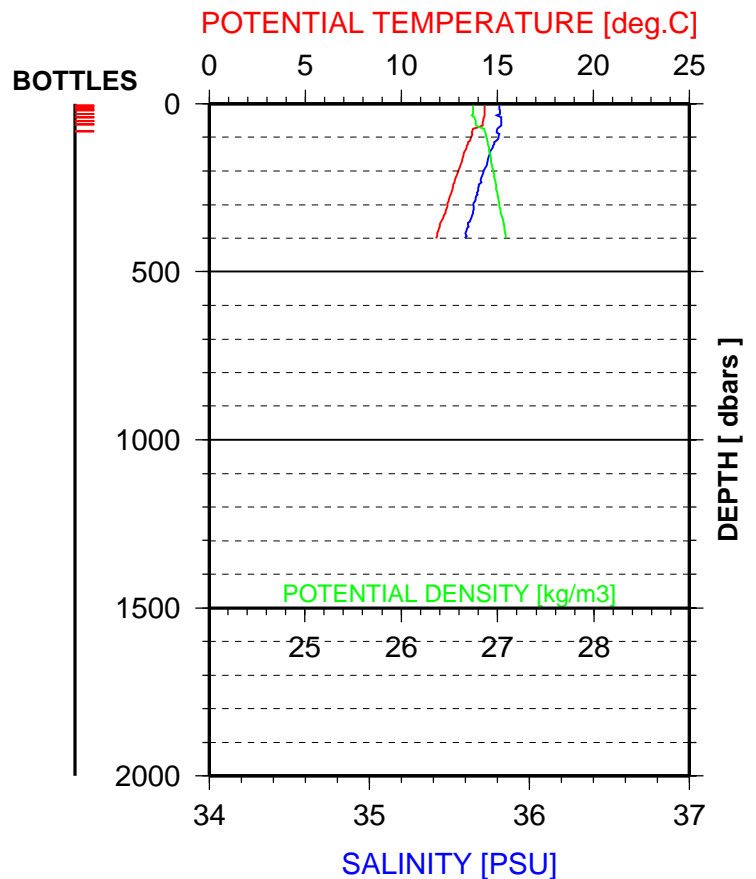
POMME2 - VALID STATION 2272

27 / 4 / 2001 - 2 h 37 m



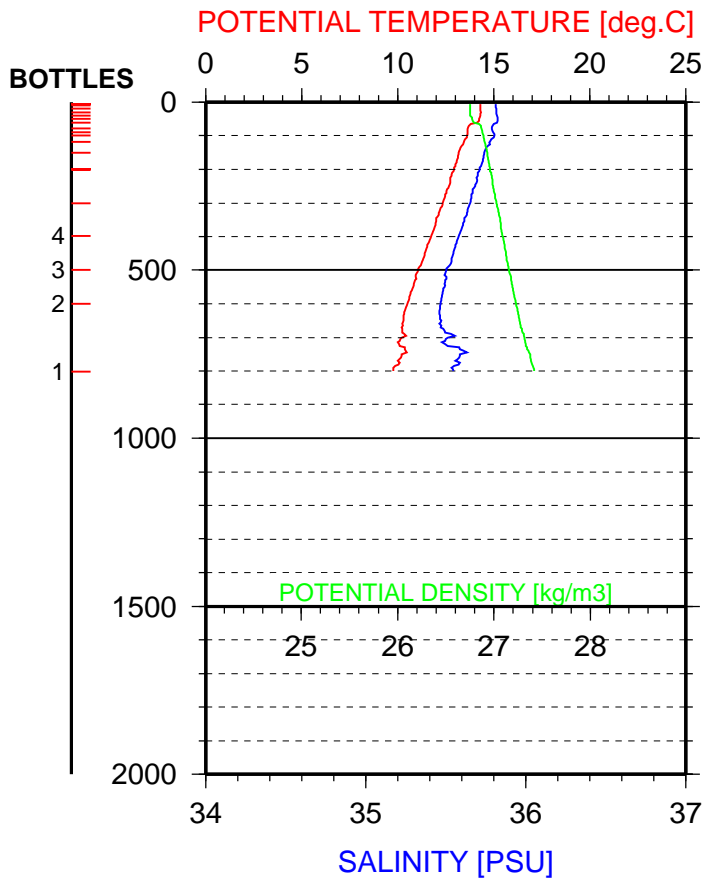
POMME2 - VALID STATION 2273

27 / 4 / 2001 - 4 h 10 m



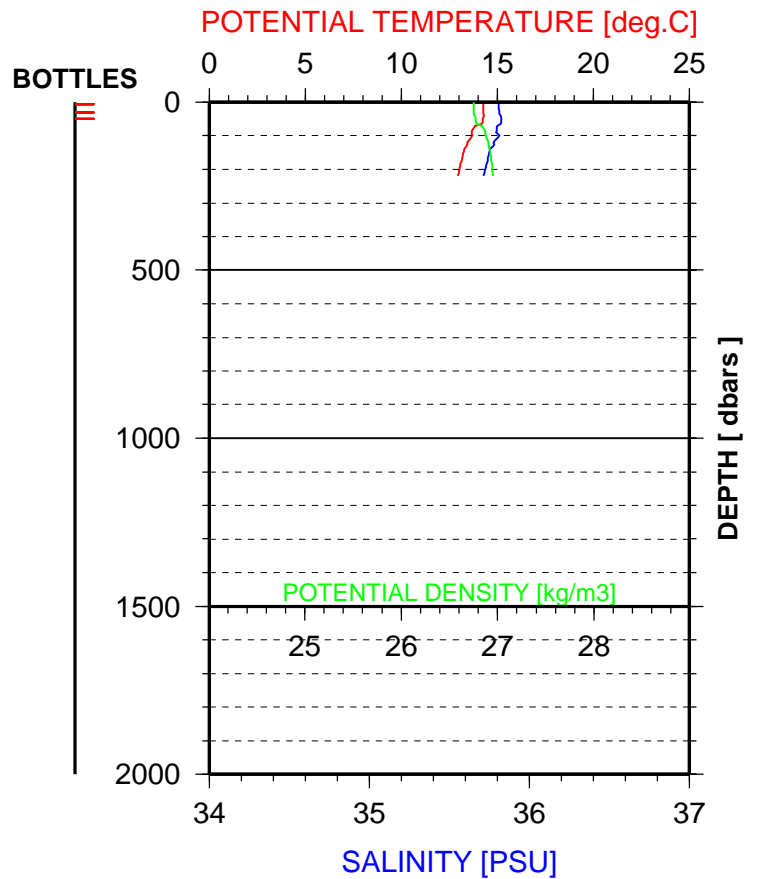
POMME2 - VALID STATION 2274

27 / 4 / 2001 - 5 h 51 m



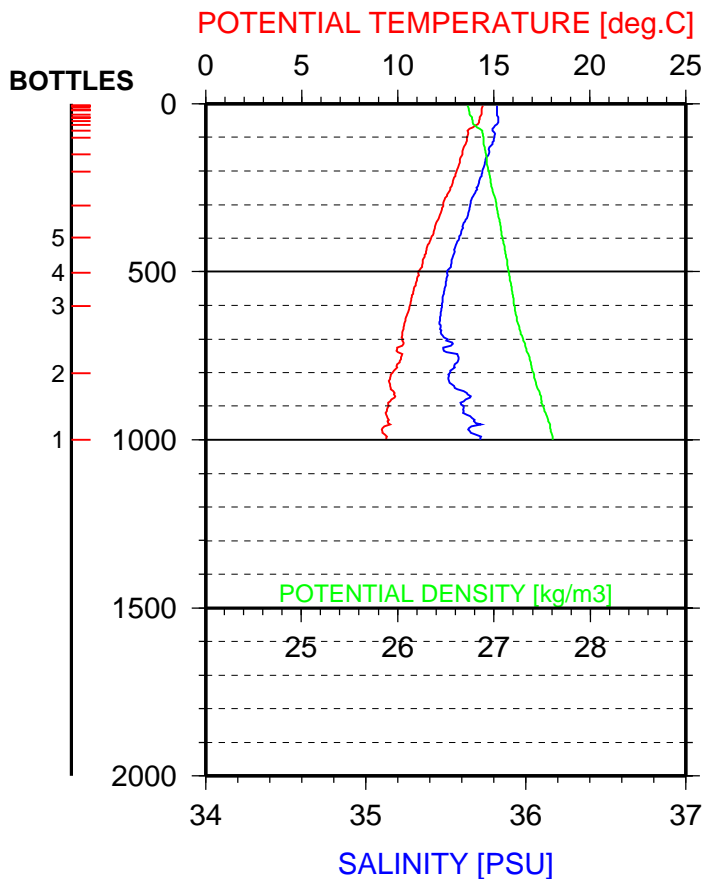
POMME2 - VALID STATION 2275

27 / 4 / 2001 - 6 h 58 m



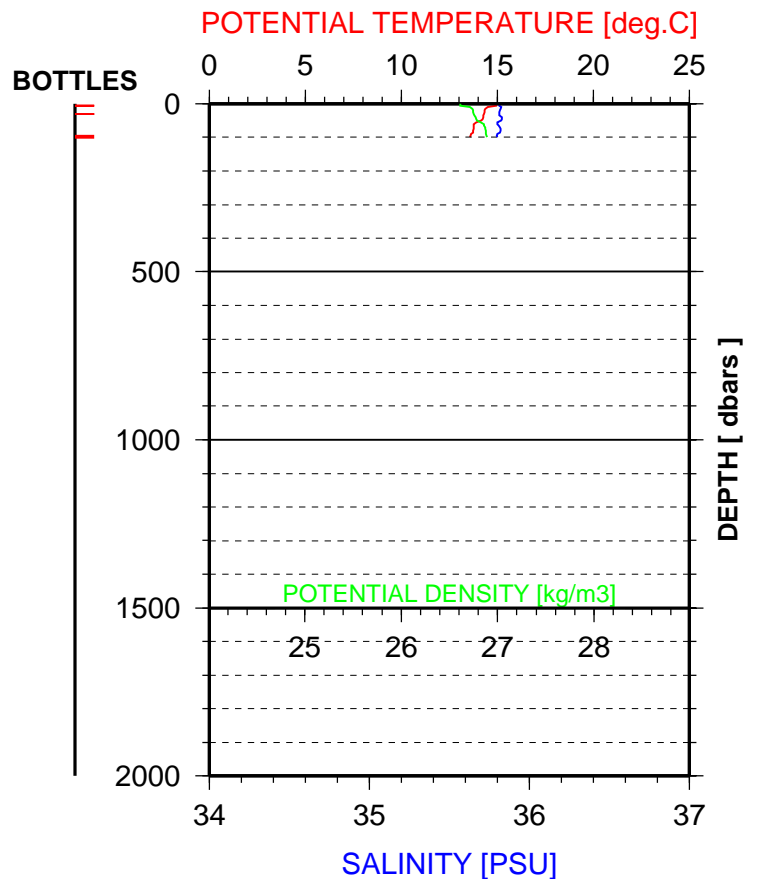
POMME2 - VALID STATION 2276

27 / 4 / 2001 - 11 h 6 m



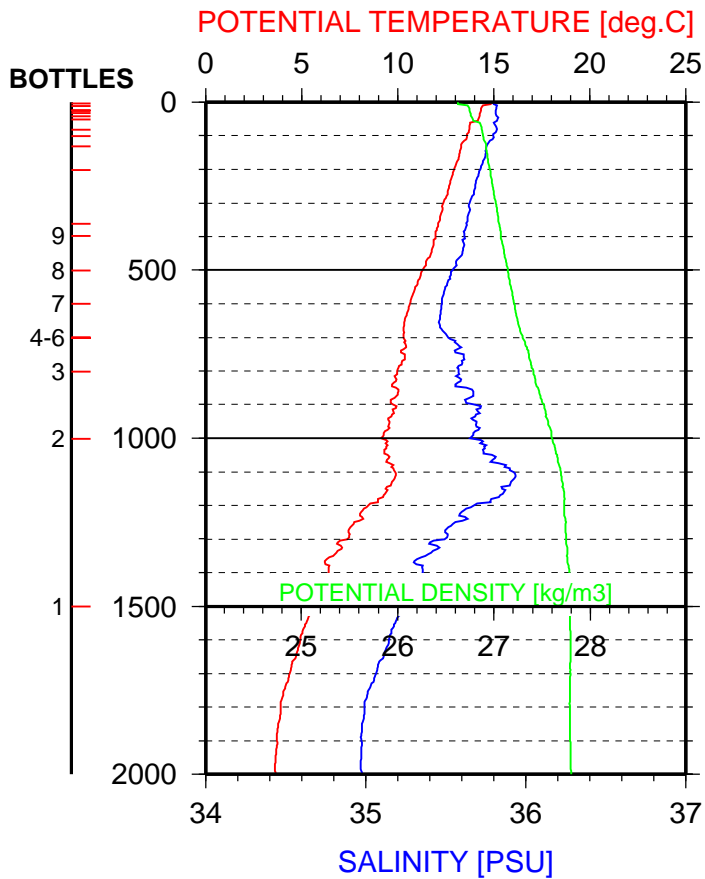
POMME2 - VALID STATION 2277

27 / 4 / 2001 - 19 h 4 m



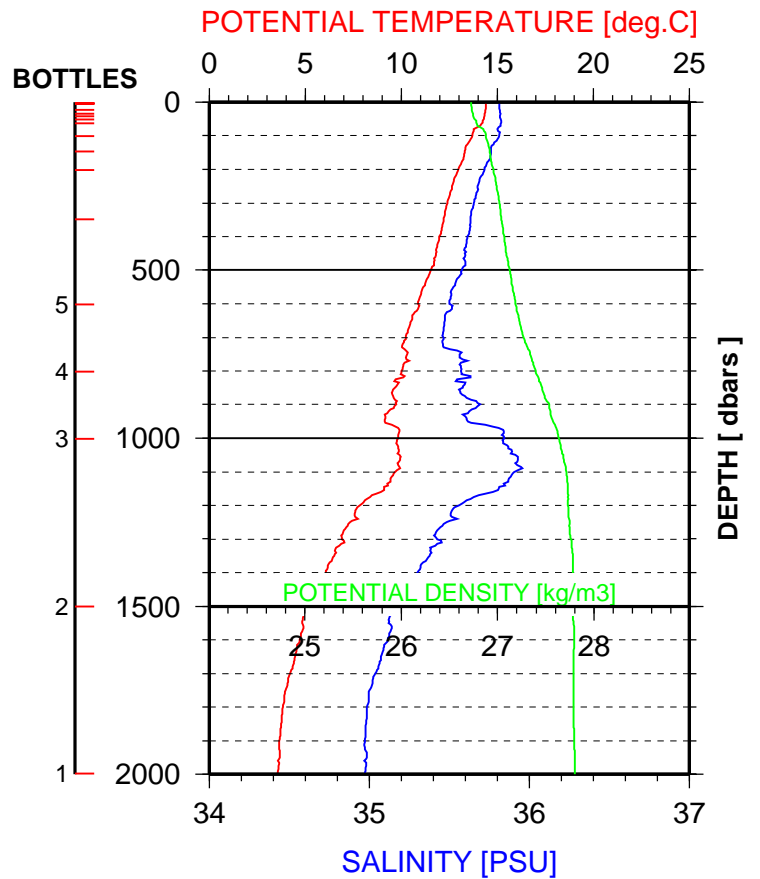
POMME2 - VALID STATION 2278

27 / 4 / 2001 - 19 h 37 m



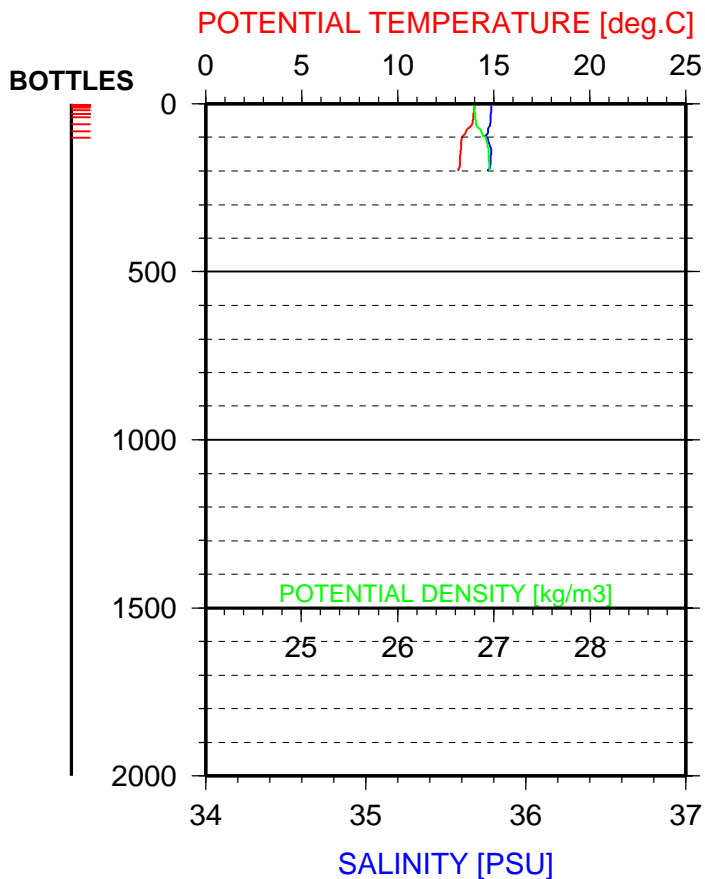
POMME2 - VALID STATION 2279

28 / 4 / 2001 - 9 h 46 m



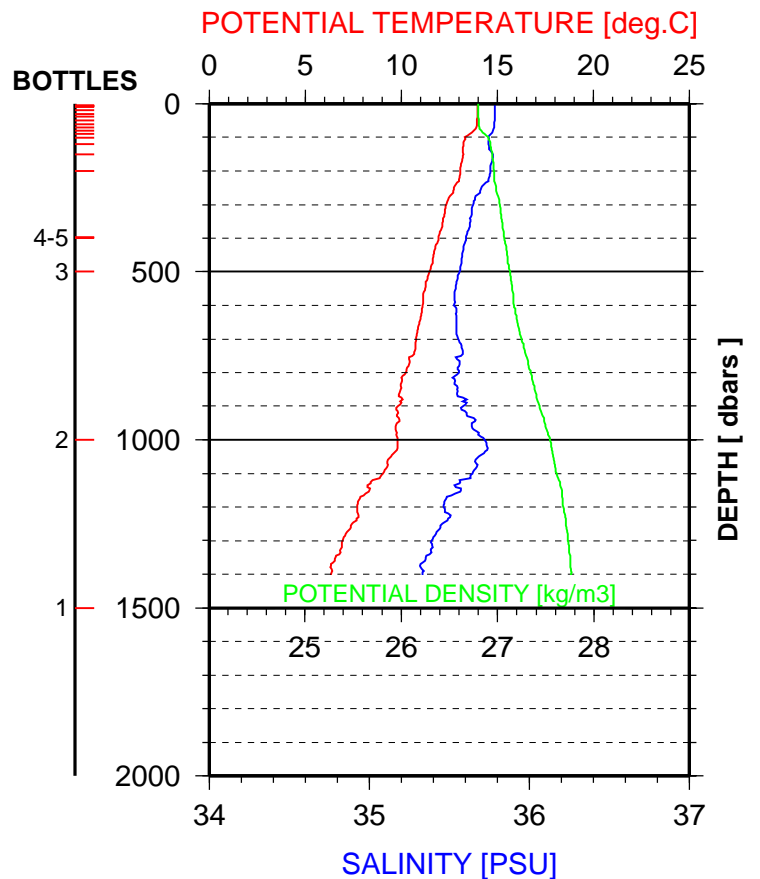
POMME2 - VALID STATION 2401

1 / 5 / 2001 - 5 h 10 m



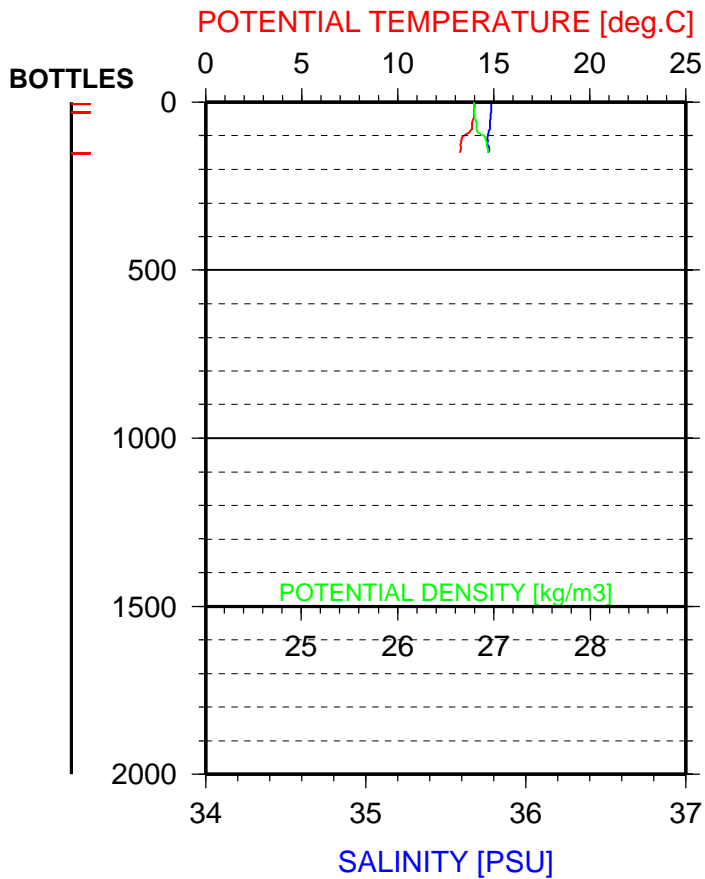
POMME2 - VALID STATION 2402

1 / 5 / 2001 - 7 h 2 m



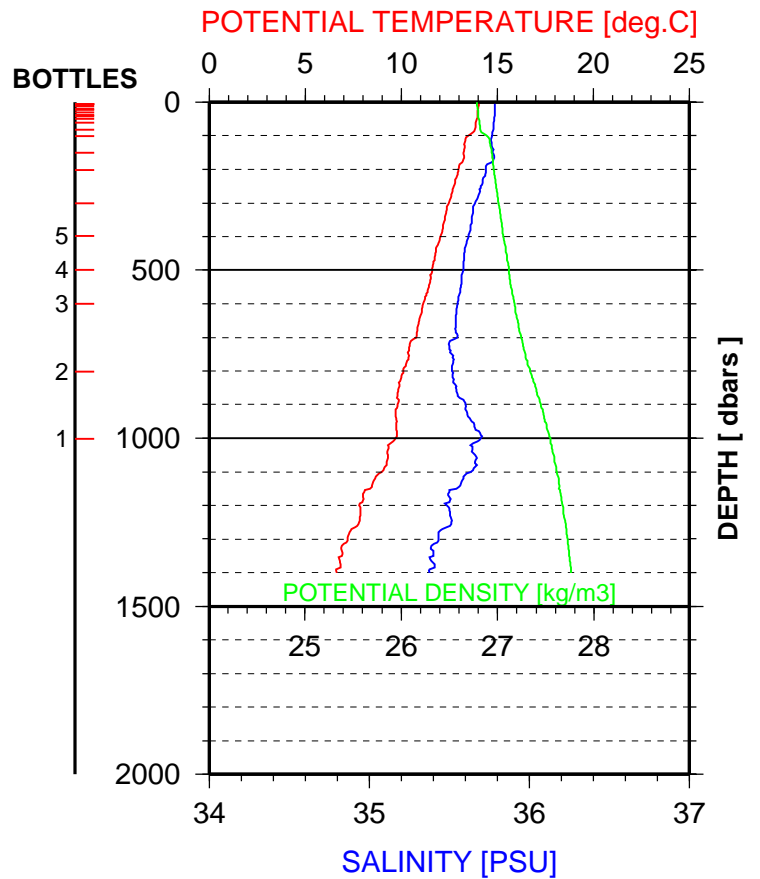
POMME2 - VALID STATION 2403

1 / 5 / 2001 - 10 h 21 m



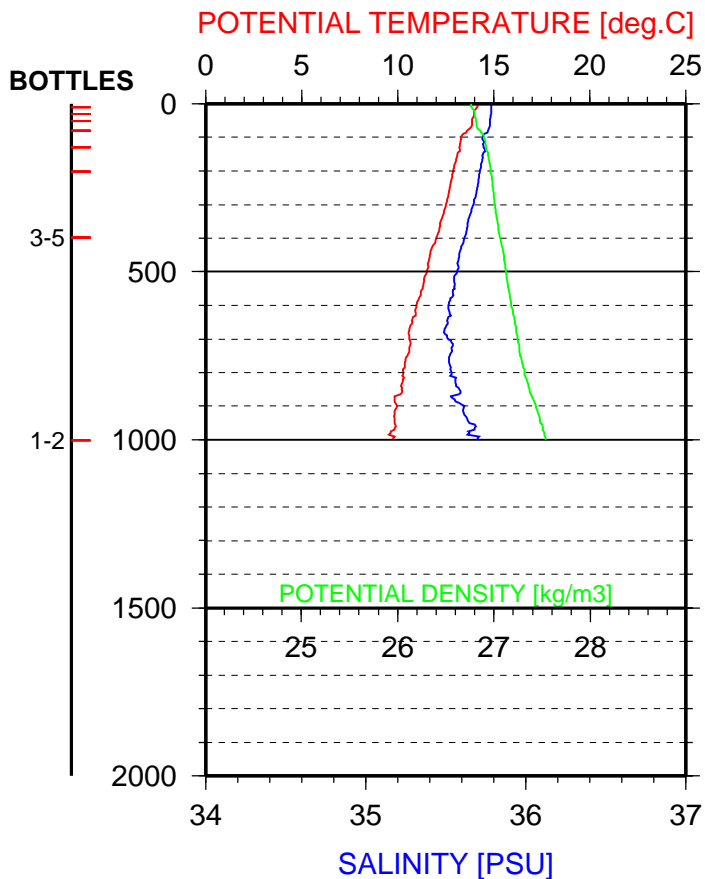
POMME2 - VALID STATION 2404

1 / 5 / 2001 - 11 h 15 m



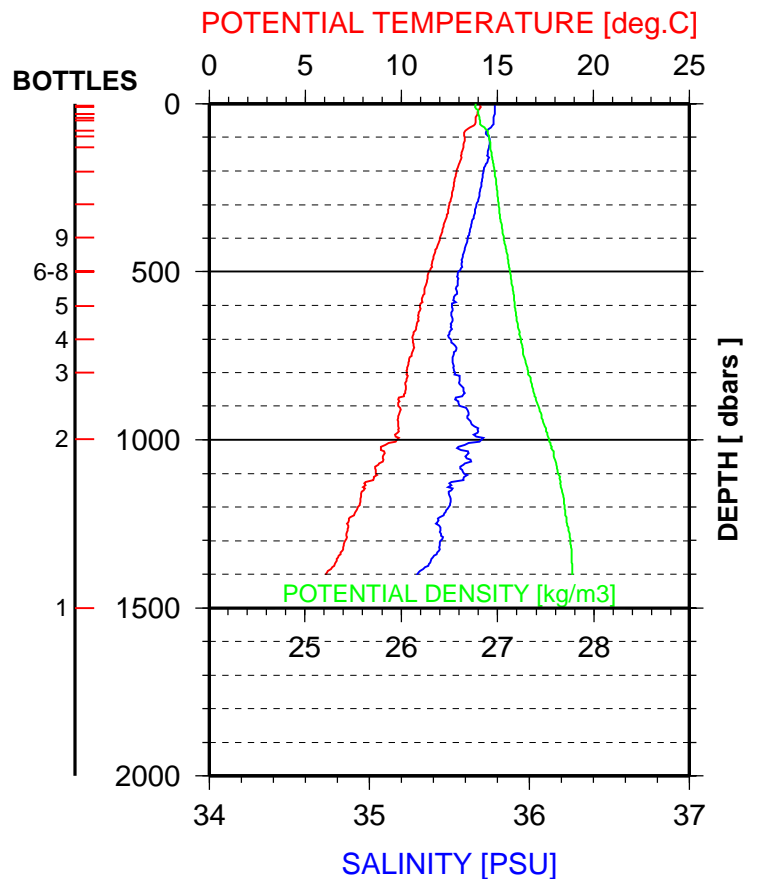
POMME2 - VALID STATION 2405

1 / 5 / 2001 - 16 h 44 m



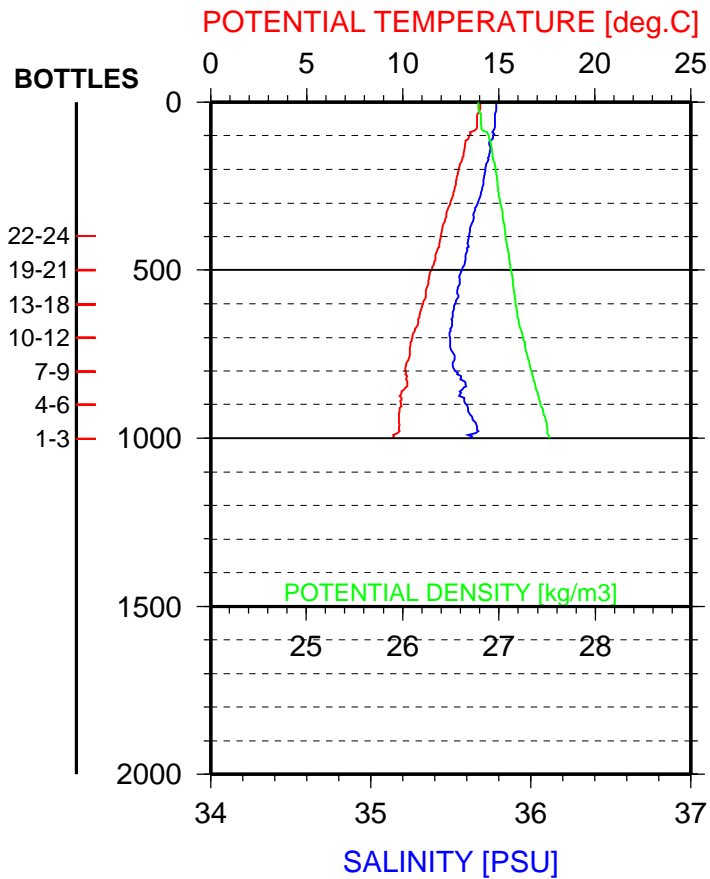
POMME2 - VALID STATION 2406

1 / 5 / 2001 - 18 h 19 m



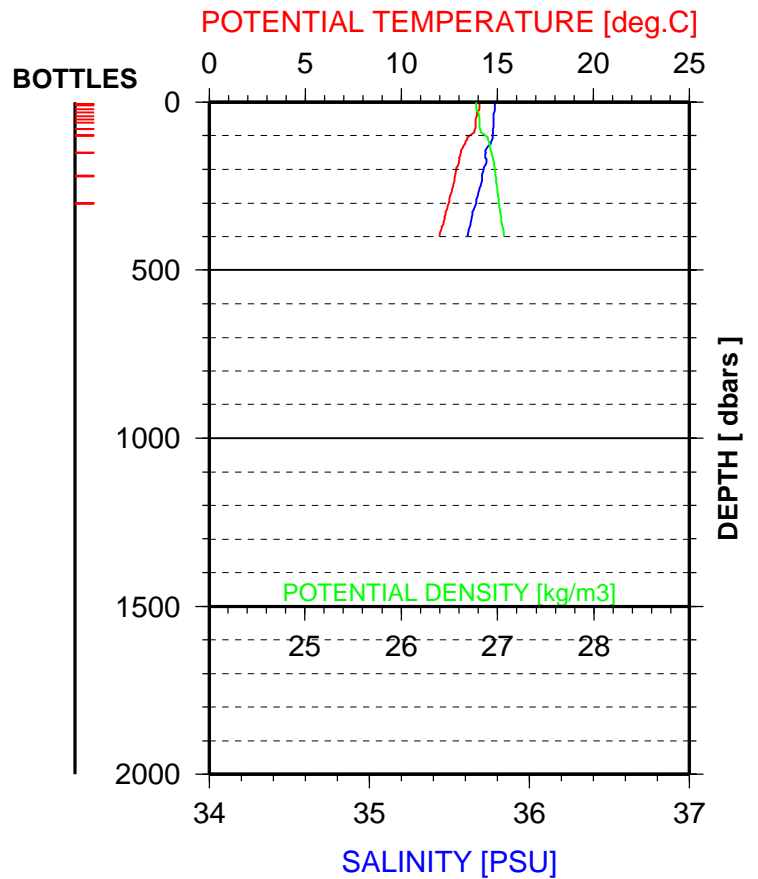
POMME2 - VALID STATION 2407

1 / 5 / 2001 - 21 h 58 m



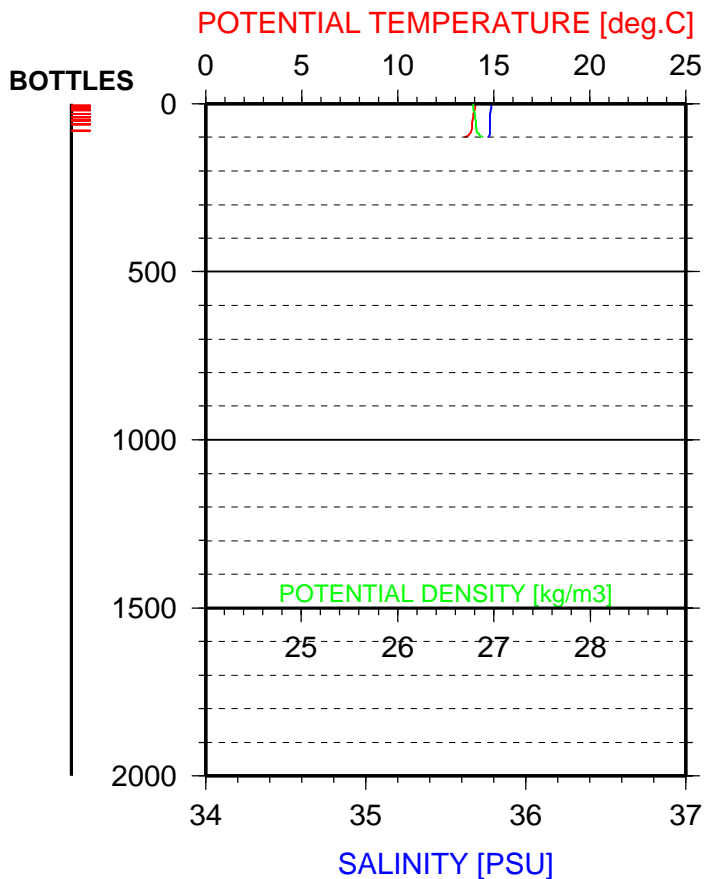
POMME2 - VALID STATION 2408

2 / 5 / 2001 - 0 h 7 m



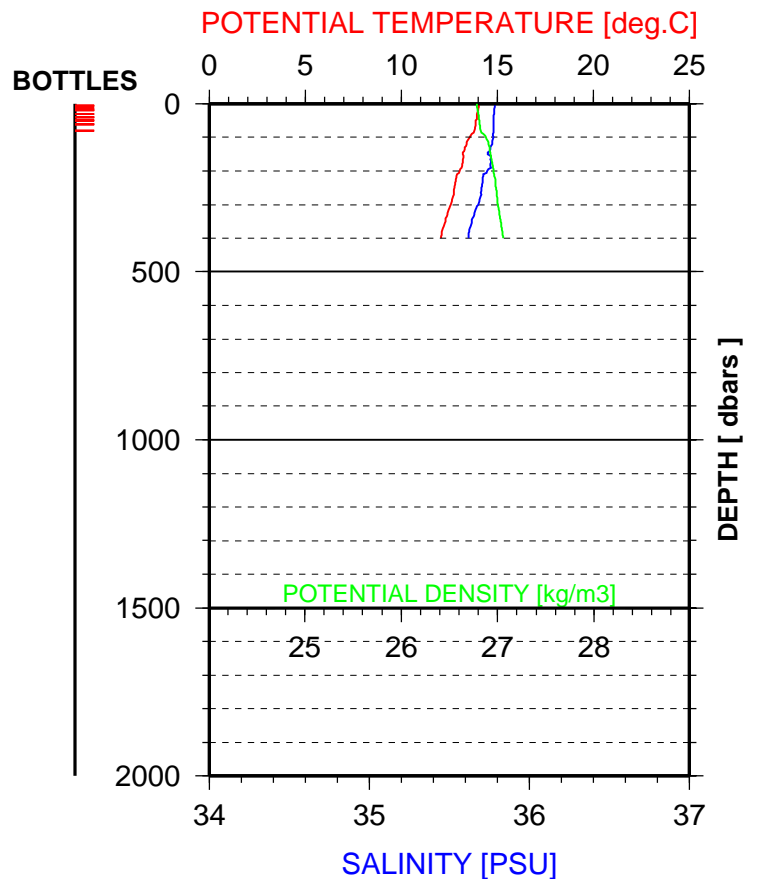
POMME2 - VALID STATION 2409

2 / 5 / 2001 - 2 h 17 m



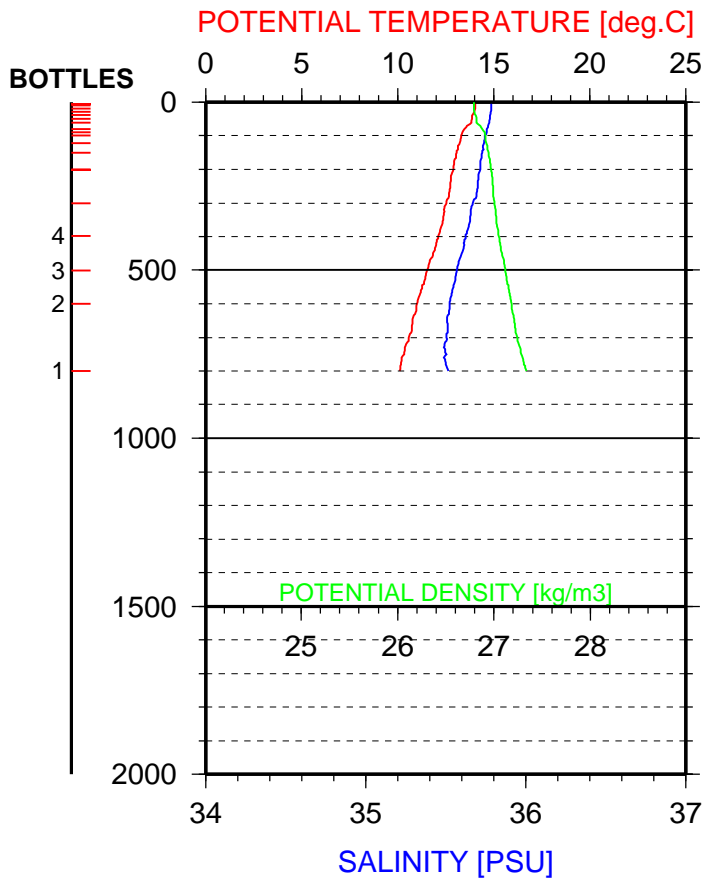
POMME2 - VALID STATION 2410

2 / 5 / 2001 - 3 h 50 m



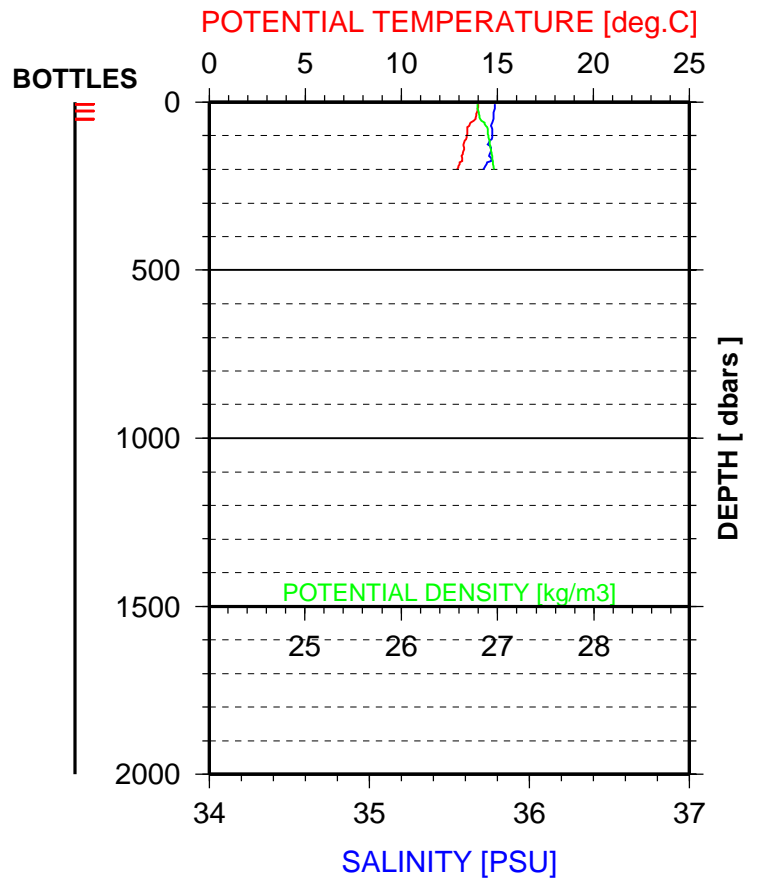
POMME2 - VALID STATION 2411

2 / 5 / 2001 - 5 h 33 m



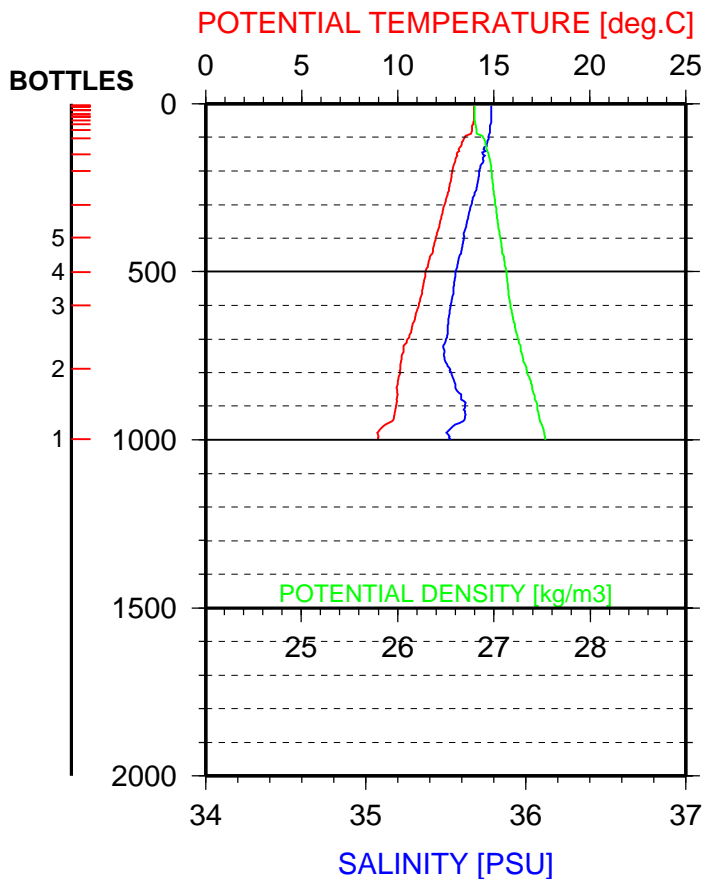
POMME2 - VALID STATION 2412

2 / 5 / 2001 - 6 h 54 m



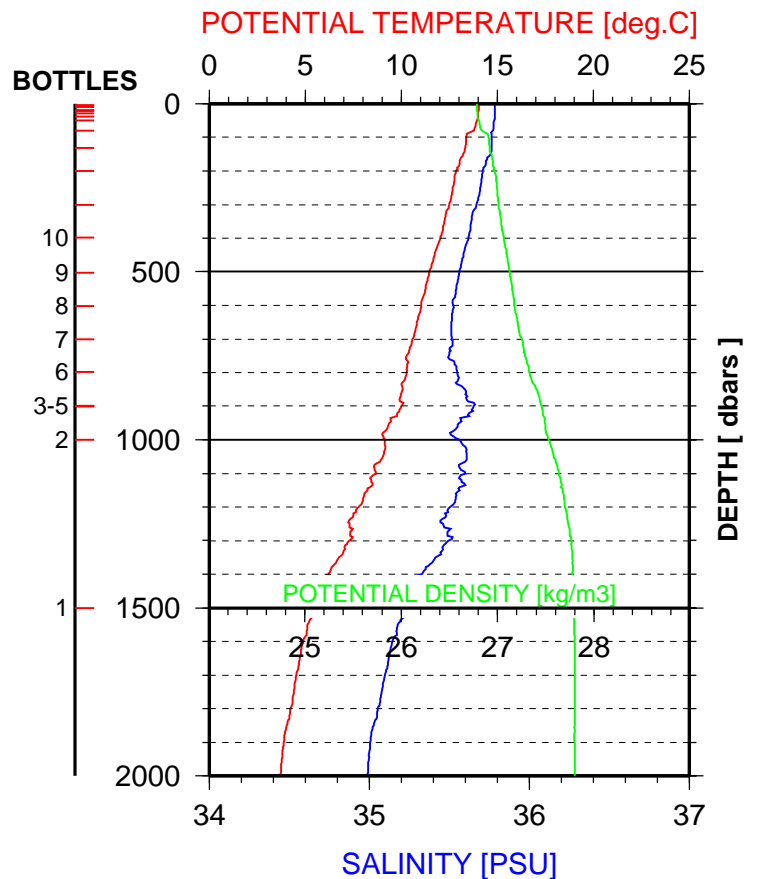
POMME2 - VALID STATION 2413

2 / 5 / 2001 - 11 h 7 m



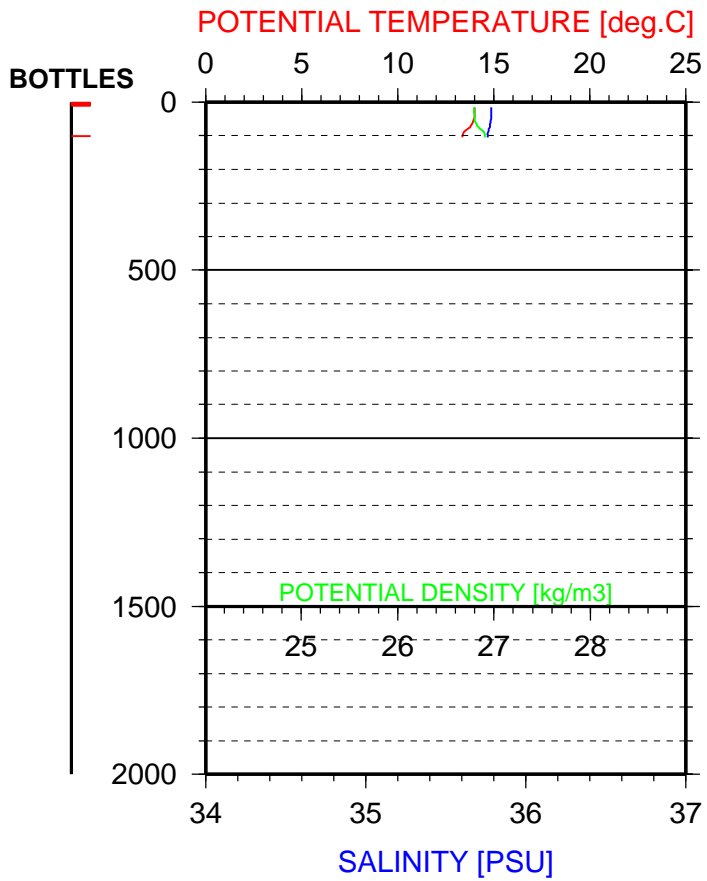
POMME2 - VALID STATION 2414

2 / 5 / 2001 - 18 h 58 m



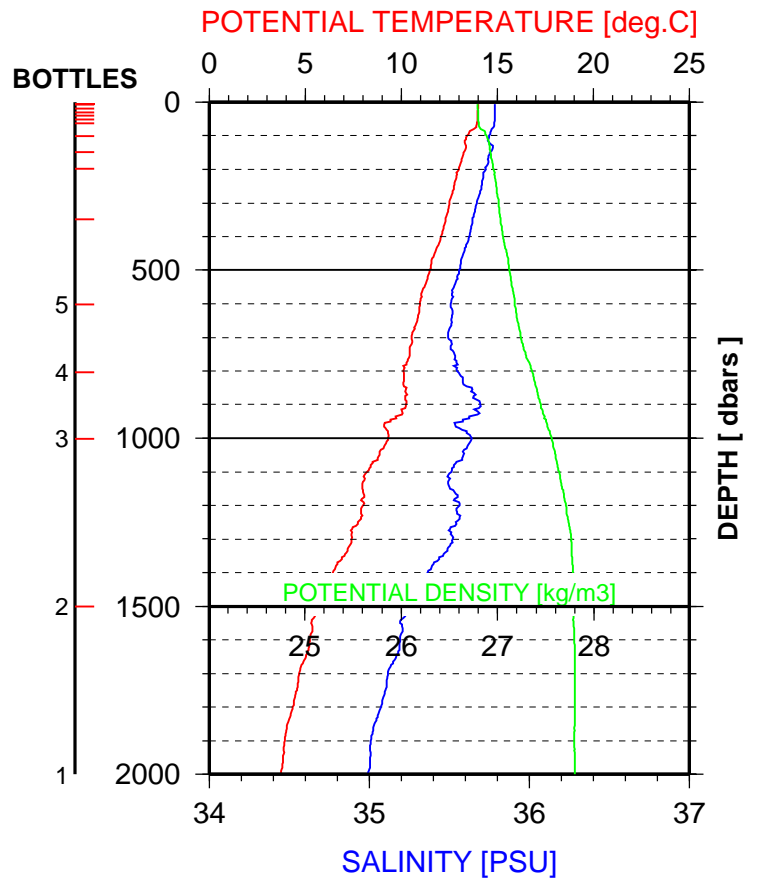
POMME2 - VALID STATION 2415

3 / 5 / 2001 - 5 h 40 m



POMME2 - VALID STATION 2416

3 / 5 / 2001 - 10 h 49 m





CAMPAGNE POMME

Programme Océan Multidisciplinaire Méso Echelle



ATLAS POMME 3

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

L. PRIEUR – C. POCHO

Juillet 2005

POMME 2001
26 Août – 13 Septembre

Thalassa

Pomme 3 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 2001

3 Fevrier - 8 Octobre

ATALANTE - THALASSA

CTD - VALID STATIONS POMME 2 - POMME 3

POTENTIAL TEMPERATURE

SALINITY

POTENTIAL DENSITY

BOTTLES

L.PRIEUR - J.RAUNET

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

POMME 3 - LEG1

26 AOUT - 13 Septembre 2001

THALASSA

LISTING STATIONS

L.PRIEUR - J.RAUNET

asc3077	77	12/ 9/ 1	1	20.39916 W	40.30015 N	8h 37m 55s	0h 0m 0s	2000	3.0	2002.0	POMME3 LEG1 THALASSA
asc3078	78	12/ 9/ 1	1	19.59952 W	40.29983 N	13h 34m 31s	0h 0m 0s	1998	4.0	2001.0	POMME3 LEG1 THALASSA
asc3079	79	12/ 9/ 1	1	20.00002 W	40.00017 N	17h 53m 52s	0h 0m 0s	1998	4.0	2001.0	POMME3 LEG1 THALASSA
asc3080	80	12/ 9/ 1	1	20.39957 W	40.00080 N	22h 49m 4s	0h 0m 0s	1999	3.0	2001.0	POMME3 LEG1 THALASSA
asc3081	81	13/ 9/ 1	1	20.39955 W	39.29983 N	3h 7m 54s	0h 0m 0s	1998	4.0	2001.0	POMME3 LEG1 THALASSA
asc3082	82	13/ 9/ 1	1	19.59991 W	39.30036 N	7h 53m 50s	0h 0m 0s	1999	3.0	2001.0	POMME3 LEG1 THALASSA
asc3083	83	13/ 9/ 1	1	20.39950 W	39.00001 N	13h 13m 17s	0h 0m 0s	1998	4.0	2001.0	POMME3 LEG1 THALASSA

POMME 3 - LEG1

26 AOUT - 13 Septembre 2001

THALASSA

LISTING BOTTLES

L.PRIEUR - J.RAUNET

POMME 2001
26 Août – 13 Septembre

Thalassa

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

Pomme 3 Leg 1

L. PRIEUR – C. POCHO
Juillet 2005

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 prélèvements 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 : Colloïdes

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 Oxygène


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| 3003 || 1999 | 1503 | 1504 | 1001 | 1003 | 801 | 803 | 600 | 500 | 383 | 301 | 200 | 151 | 100 | 79 | 60 | 50 | 40 | 30 | 21 | 4 | |
| Jour || DCO2 | | DCO2 | | | DCO2 | | DCO2 | DCO2 | DCO2 | DCO2 | DCO2 | DCO2 | DCO2 | DCO2 | DCO2 | DCO2 | DCO2 | DCO2 | DCO2 | DCO2 |
| || 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 |
| || SNSi | SNSi | | SNSi | | SNSi | | SNSi | SNSi | SNSi | SNSi | SNSi | SNSi | SNSi | SNSi | SNSi | SNSi | SNSi | SNSi | SNSi | SNSi |
| || MOD | | MOD | | MOD | | MOD | MOD | MOD | MOD | MOD | MOD | MOD | MOD | MOD | MOD | MOD | MOD | MOD | MOD | MOD | MOD |
| || HIAC | | HIAC | | HIAC | | HIAC | HIAC | HIAC | HIAC | HIAC | HIAC | HIAC | HIAC | HIAC | HIAC | HIAC | HIAC | HIAC | HIAC | HIAC | HIAC |
| || SAL | SAL | | SAL | | SAL | | Cyto | Cyto | Cyto | Cyto | Cyto | Cyto | Cyto | Cyto | Cyto | Cyto | Cyto | Cyto | Cyto | Cyto | Cyto |
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| 3004 | 4502 | 4391 | 3501 | 2998 | |
| Nuit || DCO2 | DCO2 | DCO2 | DCO2 |
| Prof || DMS | DMS | DMS | DMS |
| || PHAl | PHAl | PHAl | PHAl |
| || DOC | DOC | DOC | DOC |
| || SNSi | SNSi | SNSi | SNSi |
| || MOD | | MOD | |
| || HIAC | HIAC | HIAC | HIAC |
| || SAL | SAL | | SAL |
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| 3005 || 2000 | 1501 | 1501 | 1000 | 1001 | 800 | 800 | 599 | 499 | 398 | 298 | 199 | 149 | 99 | 79 | 59 | 50 | 40 | 31 | 20 | 7 | |
| Jour || DCO2 | | DCO2 | | DCO2 | | DCO2 | DCO2 | DCO2 | DCO2 | DCO2 | DCO2 | DCO2 | DCO2 | DCO2 | DCO2 | DCO2 | DCO2 | DCO2 | DCO2 | DCO2 |
| || 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 |
| || SNSi | SNSi | | SNSi | | SNSi | | SNSi | SNSi | SNSi | SNSi | SNSi | SNSi | SNSi | SNSi | SNSi | SNSi | SNSi | SNSi | SNSi | SNSi |
| || MOD | | MOD | | MOD | | MOD | MOD | MOD | MOD | MOD | MOD | MOD | MOD | MOD | MOD | MOD | MOD | MOD | MOD | MOD | MOD |
| || HIAC | | HIAC | | HIAC | | HIAC | HIAC | HIAC | HIAC | HIAC | HIAC | HIAC | HIAC | HIAC | HIAC | HIAC | HIAC | HIAC | HIAC | HIAC | HIAC |
| || SAL | SAL | | SAL | | SAL | | Cyto | Cyto | Cyto | Cyto | Cyto | Cyto | Cyto | Cyto | Cyto | Cyto | Cyto | Cyto | Cyto | Cyto | Cyto |
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| 3006 || 3499 | 2997 | 1998 | 1992 | 1498 | 998 | 799 | 598 | 499 | 398 | 298 | 199 | 151 | 101 | 81 | 61 | 40 | 20 | 4 |

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												MOP	MOP	MOP	MOP	MOP	MOP	MOP	MOP	MOP	MOP	MOP	
		HIAC		HIAC		HIAC		HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	
												PAM	PAM	PAM	PAM	PAM	PAM	PAM	PAM	PAM	PAM	PAM	
								Cyto	Cyto	Cyto	Cyto	Cyto	Cyto	Cyto	Cyto	Cyto	Cyto	Cyto	Cyto	Cyto	Cyto	Cyto	
		SAL	SAL		SAL		SAL														SAL		

3011	Jour	2000	1500	1500	1000	1000	801	800	598	500	398	298	201	150	100	81	60	39	30	20	20	5	
		DCO2		DCO2		DCO2		DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	
																		DMS	DMS	DMS	DMS	DMS	
		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	
									Bact		Bact	Bact	Bact	Bact	Bact	Bact	Bact	Bact	Bact	Bact	Bact	Bact	
		SNSi	SNSi		SNSi		SNSi		SNSi	SNSi	SNSi	SNSi	SNSi	SNSi	SNSi	SNSi	SNSi	SNSi	SNSi	SNSi	SNSi	SNSi	
		MOD		MOD		MOD		MOD	MOD		MOD	MOD	MOD		MOD	MOD	MOD	MOD	MOD		MOD	MOD	
													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	
													PAM	PAM	PAM	PAM	PAM	PAM	PAM	PAM	PAM	PAM	
									Cyto	Cyto	Cyto	Cyto	Cyto	Cyto	Cyto	Cyto	Cyto	Cyto	Cyto	Cyto	Cyto	Cyto	
		SAL	SAL		SAL		SAL						SAL		SAL					SAL			

3012	Nuit	1972	1499	1499	999	998	802	801	599	500	399	298	199	148	99	78	59	50	40	30	20	9	
		HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	
		TOC	TOC	TOC	TOCBP	TOCBP	TOC	TOCBP	TOCBP	TOCBP	TOCBP	TOCBP	TCBP	TCBP		TCBP				TCBP		TCBP	
									ABSR	ABSR	ABSR	ABSR	ABSR	ABSR	ABSR		ABSR	ABSR	ABSR			ABSR	

3013	Nuit	1995	1501	998	799	598	500	399	300	200	148	100	79	61	51	37	34	29	20	20	5	5	
		HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	
		TOC	TOC	TOC	TOCBP	TOCBP	TOC	TOCBP	TOCBP	TOCBP	TOCBP	TOCBP	TCBP	TCBP		TCBP				TCBP		TCBP	
									ABSR	ABSR	ABSR	ABSR	ABSR	ABSR	ABSR		ABSR	ABSR	ABSR			ABSR	

3014	Jour	2000	1499	1500	1000	1001	801	801	598	500	399	301	200	150	100	81	61	54	41	31	21	5	
		DCO2		DCO2		DCO2		DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	
																		DMS	DMS	DMS	DMS	DMS	
		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	
									Bact		Bact	Bact	Bact	Bact	Bact	Bact	Bact	Bact	Bact	Bact	Bact	Bact	
		SNSi	SNSi		SNSi		SNSi		SNSi	SNSi	SNSi	SNSi	SNSi	SNSi	SNSi	SNSi	SNSi	SNSi	SNSi	SNSi	SNSi	SNSi	
		MOD		MOD		MOD		MOD	MOD		MOD	MOD	MOD		MOD	MOD	MOD	MOD	MOD		MOD	MOD	
													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	
													PAM	PAM	PAM	PAM	PAM	PAM	PAM	PAM	PAM	PAM	
									Cyto	Cyto	Cyto	Cyto	Cyto	Cyto	Cyto	Cyto	Cyto	Cyto	Cyto	Cyto	Cyto	Cyto	
		SAL	SAL		SAL		SAL						SAL		SAL					SAL			

3020	Nuit	2001	1500	1500	1000	1000	801	801	599	499	399	298	198	148	99	78	58	51	40	30	20	8
		HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC
		TOC	TOC	TOC	TOCBP	TOCBP	TOC	TOCBP	TOCBP	TOCBP	TOCBP	TOCBP	TOCBP	TCBP	TCBP		TCBP			TCBP		TCBP
									ABSR	ABSR	ABSR	ABSR	ABSR	ABSR	ABSR		ABSR	ABSR	ABSR			ABSR

3021	Nuit	2003	1499	1001	803	601	499	400	300	199	150	101	80	60	49	40	40	30	20	20	6	4
		HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC
		TOC	TOC	TOC	TOCBP	TOCBP	TOC	TOCBP	TOCBP	TOCBP	TOCBP	TOCBP	TOCBP	TCBP	TCBP		TCBP			TCBP		TCBP
									ABSR	ABSR	ABSR	ABSR	ABSR	ABSR	ABSR		ABSR	ABSR	ABSR			ABSR

3022	Jour	2000	1499	1499	999	999	799	799	599	499	398	300	198	150	98	78	59	49	40	29	20	8
		DCO2		DCO2		DCO2		DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2
		PHAl		PHAl		PHAl		PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl	PHAl			DMS	DMS	DMS	DMS
		DOC		DOC		DOC		DOC	DOC	DOC	DOC	DOC	DOC	DOC	DOC	DOC	DOC	DOC	DOC	DOC	DOC	DOC
		SNSi	SNSi		SNSi		SNSi		SNSi	SNSi	SNSi	SNSi	SNSi	SNSi	SNSi	SNSi	SNSi	SNSi	SNSi	SNSi	SNSi	SNSi
		MOD		MOD		MOD		MOD	MOD		MOD	MOD	MOD	MOD	MOD	MOD	MOD	MOD	MOD	MOD	MOD	MOD
												MOP	MOP	MOP	MOP	MOP	MOP	MOP	MOP	MOP	MOP	MOP
		HIAC		HIAC		HIAC		HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC
												PAM	PAM	PAM	PAM	PAM	PAM	PAM	PAM	PAM	PAM	PAM
									Cyto	Cyto	Cyto	Cyto	Cyto	Cyto	Cyto	Cyto	Cyto	Cyto	Cyto	Cyto	Cyto	Cyto
		SAL	SAL		SAL		SAL			SAL			SAL		SAL					SAL		

3023	Jour	2001	1500	1500	1000	1000	800	800	599	499	399	299	198	150	101	80	60	50	40	30	20	5
		DCO2		DCO2		DCO2		DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2
		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
		SNSi	SNSi		SNSi		SNSi		SNSi	SNSi	SNSi	SNSi	SNSi	SNSi	SNSi	SNSi	SNSi	SNSi	SNSi	SNSi	SNSi	SNSi
		MOD		MOD		MOD		MOD	MOD		MOD	MOD	MOD	MOD	MOD	MOD	MOD	MOD	MOD	MOD	MOD	MOD
												MOP	MOP	MOP	MOP	MOP	MOP	MOP	MOP	MOP	MOP	MOP
		HIAC		HIAC		HIAC		HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC
												PAM	PAM	PAM	PAM	PAM	PAM	PAM	PAM	PAM	PAM	PAM
									Cyto	Cyto	Cyto	Cyto	Cyto	Cyto	Cyto	Cyto	Cyto	Cyto	Cyto	Cyto	Cyto	Cyto
		SAL	SAL		SAL		SAL			SAL			SAL		SAL					SAL		

3024	Nuit	2000	1501	1502	1000	1000	801	801	598	498	398	299	199	148	98	79	58	49	40	29	19	8
		HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC
		TOC	TOC	TOC	TOCBP	TOCBP	TOC	TOCBP	TOCBP	TOCBP	TOCBP	TOCBP	TOCBP	TCBP	TCBP		TCBP			TCBP		TCBP
									ABSR	ABSR	ABSR	ABSR	ABSR	ABSR	ABSR		ABSR	ABSR	ABSR			ABSR

3025		4557	3999	3499	3000	2500	1999	1500	998	800	599	500	397	299	199	151	100	81	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	DCO2
Prof	DMS	DMS	DMS	DMS	DMS	DMS	DMS	DMS	DMS	DMS	DMS	DMS	DMS	DMS	DMS	DMS	DMS	DMS	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	DOC	DOC	DOC
												Bact		Bact	Bact	Bact	Bact	Bact	Bact	Bact	Bact	Bact
	SNSi	SNSi	SNSi	SNSi	SNSi	SNSi	SNSi	SNSi	SNSi	SNSi	SNSi	SNSi	SNSi	SNSi	SNSi	SNSi	SNSi	SNSi	SNSi	SNSi	SNSi	SNSi
	MOD			MOD		MOD		MOD		MOD		MOD		MOD	MOD	MOD	MOD	MOD	MOD	MOD	MOD	MOD
												MOP		MOP	MOP	MOP	MOP		MOP		MOP	MOP
														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
												Cyto	Cyto	Cyto	Cyto	Cyto	Cyto		Cyto	Cyto		Cyto
	SAL	SAL		SAL		SAL		SAL		SAL		SAL		SAL			SAL				SAL	

3026	2000	1500	1501	1000	1000	799	799	599	499	399	299	198	148	98	78	58	49	39	30	19	8
Jour	DCO2		DCO2		DCO2		DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2
																	DMS	DMS	DMS	DMS	DMS
	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
								Bact		Bact	Bact	Bact	Bact	Bact	Bact	Bact	Bact	Bact	Bact	Bact	Bact
	SNSi	SNSi		SNSi		SNSi		SNSi	SNSi	SNSi	SNSi	SNSi	SNSi	SNSi	SNSi	SNSi	SNSi	SNSi	SNSi	SNSi	SNSi
	MOD		MOD		MOD		MOD	MOD		MOD	MOD	MOD	MOD	MOD	MOD	MOD	MOD	MOD		MOD	MOD
												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
												PAM	PAM	PAM	PAM	PAM	PAM	PAM	PAM	PAM	PAM
								Cyto	Cyto	Cyto	Cyto	Cyto	Cyto	Cyto	Cyto	Cyto	Cyto	Cyto	Cyto	Cyto	Cyto
	SAL	SAL		SAL		SAL			SAL			SAL		SAL					SAL		

3027	2000	1495	1492	998	998	799	799	599	499	399	299	200	150	101	81	60	51	40	30	19	4
Jour	DCO2		DCO2		DCO2		DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2
																	DMS	DMS	DMS	DMS	DMS
	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
								Bact		Bact	Bact	Bact	Bact	Bact	Bact	Bact	Bact	Bact	Bact	Bact	Bact
	SNSi	SNSi		SNSi		SNSi		SNSi	SNSi	SNSi	SNSi	SNSi	SNSi	SNSi	SNSi	SNSi	SNSi	SNSi	SNSi	SNSi	SNSi
	MOD		MOD		MOD		MOD	MOD		MOD	MOD	MOD	MOD	MOD	MOD	MOD	MOD	MOD		MOD	MOD
												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
												PAM	PAM	PAM	PAM	PAM	PAM	PAM	PAM	PAM	PAM
								Cyto	Cyto	Cyto	Cyto	Cyto	Cyto	Cyto	Cyto	Cyto	Cyto	Cyto	Cyto	Cyto	Cyto
	SAL	SAL		SAL		SAL			SAL			SAL		SAL					SAL		

3028	2000	1500	1500	1000	1001	800	800	599	498	399	299	199	149	99	79	58	49	40	30	19	8
Jour	DCO2		DCO2		DCO2		DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2
																	DMS	DMS	DMS	DMS	DMS

												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
												PAM	PAM	PAM	PAM	PAM	PAM	PAM	PAM	PAM	PAM	PAM
									Cyto	Cyto	Cyto	Cyto	Cyto	Cyto	Cyto	Cyto	Cyto	Cyto	Cyto	Cyto	Cyto	Cyto
		SAL	SAL		SAL		SAL			SAL			SAL		SAL					SAL		

3047	Nuit	2002	1499	1000	798	600	500	400	299	199	145	100	78	60	51	40	40	29	20	20	4	2
		HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC
		TOC	TOC	TOC	TOCBP	TOCBP	TOC	TOCBP	TOCBP	TOCBP	TOCBP	TOCBP	TOCBP	TCBP	TCBP					TCBP		TCBP
									ABSR	ABSR	ABSR	ABSR	ABSR	ABSR	ABSR			ABSR	ABSR	ABSR		ABSR

3048	Nuit	2002	1501	1501	1000	1001	800	800	598	500	399	300	199	150	100	80	60	50	39	30	19	6
		HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC
		TOC	TOC	TOC	TOCBP	TOCBP	TOC	TOCBP	TOCBP	TOCBP	TOCBP	TOCBP	TCBP	TCBP						TCBP		TCBP
									ABSR	ABSR	ABSR	ABSR	ABSR	ABSR	ABSR			ABSR	ABSR	ABSR		ABSR

3049	Jour	2001	1498	1498	1000	1001	800	800	599	498	399	298	198	148	98	78	58	50	40	29	19	9
		DCO2		DCO2		DCO2		DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2
																		DMS	DMS	DMS	DMS	DMS
		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
									Bact		Bact	Bact	Bact	Bact	Bact	Bact	Bact	Bact	Bact	Bact	Bact	Bact
		SNSi	SNSi		SNSi		SNSi		SNSi	SNSi	SNSi	SNSi	SNSi	SNSi	SNSi	SNSi	SNSi	SNSi	SNSi	SNSi	SNSi	SNSi
		MOD		MOD		MOD		MOD	MOD		MOD	MOD	MOD		MOD	MOD	MOD	MOD	MOD		MOD	MOD
												MOP	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
									Cyto	Cyto	Cyto	Cyto	Cyto	Cyto	Cyto	Cyto	Cyto	Cyto	Cyto	Cyto	Cyto	Cyto
		SAL	SAL		SAL		SAL			SAL			SAL		SAL					SAL		

3050	Jour	2001	1501	1501	1001	1000	801	802	600	500	399	299	199	150	100	80	61	50	40	30	19	6
		DCO2		DCO2		DCO2		DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2
																		DMS	DMS	DMS	DMS	DMS
		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
									Bact		Bact	Bact	Bact	Bact	Bact	Bact	Bact	Bact	Bact	Bact	Bact	Bact
		SNSi	SNSi		SNSi		SNSi		SNSi	SNSi	SNSi	SNSi	SNSi	SNSi	SNSi	SNSi	SNSi	SNSi	SNSi	SNSi	SNSi	SNSi
		MOD		MOD		MOD		MOD	MOD		MOD	MOD	MOD		MOD	MOD	MOD	MOD	MOD		MOD	MOD
												MOP	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
									Cyto	Cyto	Cyto	Cyto	Cyto	Cyto	Cyto	Cyto	Cyto	Cyto	Cyto	Cyto	Cyto	Cyto
		SAL	SAL		SAL		SAL			SAL			SAL		SAL					SAL		

3065	Nuit	SAL	SAL	SAL	SAL	SAL	SAL	SAL	SAL	SAL	SAL	SAL	SAL	SAL	SAL	SAL	SAL	SAL	SAL	SAL	SAL
2001	HIAC	1500	HIAC	1500	HIAC	1000	HIAC	1000	HIAC	800	HIAC	799	HIAC	598	HIAC	498	HIAC	398	HIAC	298	HIAC
	TOC	TOC	TOC	TOCBP	TOCBP	TOC	TOCBP	TOCBP	TOCBP	TOCBP	TOCBP	TOCBP	TOCBP	TOCBP	TOCBP	TOCBP	TOCBP	TOCBP	TOCBP	TOCBP	TOCBP
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3066	Nuit	SAL	SAL	SAL	SAL	SAL	SAL	SAL	SAL	SAL	SAL	SAL	SAL	SAL	SAL	SAL	SAL	SAL	SAL	SAL	SAL
2001	HIAC	1500	HIAC	1000	HIAC	800	HIAC	599	HIAC	500	HIAC	400	HIAC	299	HIAC	200	HIAC	150	HIAC	99	HIAC
	TOC	TOC	TOC	TOCBP	TOCBP	TOC	TOCBP	TOCBP	TOCBP	TOCBP	TOCBP	TOCBP	TOCBP	TOCBP	TOCBP	TOCBP	TOCBP	TOCBP	TOCBP	TOCBP	TOCBP

3067	Jour	SAL	SAL	SAL	SAL	SAL	SAL	SAL	SAL	SAL	SAL	SAL	SAL	SAL	SAL	SAL	SAL	SAL	SAL	SAL	SAL
2001	DCO2	1500	DCO2	1501	DCO2	1000	DCO2	1000	DCO2	800	DCO2	800	DCO2	599	DCO2	499	DCO2	399	DCO2	299	DCO2
	PHAl		PHAl		PHAl		PHAl		PHAl		PHAl		PHAl		PHAl		PHAl		PHAl		PHAl
	DOC		DOC		DOC		DOC		DOC		DOC		DOC		DOC		DOC		DOC		DOC
	SNSi	SNSi	SNSi	SNSi	SNSi	SNSi	SNSi	SNSi	SNSi	SNSi	SNSi	SNSi	SNSi	SNSi	SNSi	SNSi	SNSi	SNSi	SNSi	SNSi	SNSi
	MOD	MOD	MOD	MOD	MOD	MOD	MOD	MOD	MOD	MOD	MOD	MOD	MOD	MOD	MOD	MOD	MOD	MOD	MOD	MOD	MOD
	HIAC		HIAC		HIAC		HIAC		HIAC		HIAC		HIAC		HIAC		HIAC		HIAC		HIAC
	SAL	SAL	SAL	SAL	SAL	SAL	SAL	SAL	SAL	SAL	SAL	SAL	SAL	SAL	SAL	SAL	SAL	SAL	SAL	SAL	SAL

3068	Jour	SAL	SAL	SAL	SAL	SAL	SAL	SAL	SAL	SAL	SAL	SAL	SAL	SAL	SAL	SAL	SAL	SAL	SAL	SAL	SAL
2001	DCO2	1499	DCO2	1499	DCO2	993	DCO2	993	DCO2	797	DCO2	797	DCO2	601	DCO2	500	DCO2	401	DCO2	301	DCO2
	PHAl		PHAl		PHAl		PHAl		PHAl		PHAl		PHAl		PHAl		PHAl		PHAl		PHAl
	DOC		DOC		DOC		DOC		DOC		DOC		DOC		DOC		DOC		DOC		DOC
	SNSi	SNSi	SNSi	SNSi	SNSi	SNSi	SNSi	SNSi	SNSi	SNSi	SNSi	SNSi	SNSi	SNSi	SNSi	SNSi	SNSi	SNSi	SNSi	SNSi	SNSi
	MOD	MOD	MOD	MOD	MOD	MOD	MOD	MOD	MOD	MOD	MOD	MOD	MOD	MOD	MOD	MOD	MOD	MOD	MOD	MOD	MOD
	HIAC		HIAC		HIAC		HIAC		HIAC		HIAC		HIAC		HIAC		HIAC		HIAC		HIAC
	SAL	SAL	SAL	SAL	SAL	SAL	SAL	SAL	SAL	SAL	SAL	SAL	SAL	SAL	SAL	SAL	SAL	SAL	SAL	SAL	SAL

3069	Jour	SAL	SAL	SAL	SAL	SAL	SAL	SAL	SAL	SAL	SAL	SAL	SAL	SAL	SAL	SAL	SAL	SAL	SAL	SAL	SAL
2001	DCO2	1500	DCO2	1500	DCO2	1001	DCO2	1001	DCO2	800	DCO2	800	DCO2	600	DCO2	500	DCO2	400	DCO2	300	DCO2
	PHAl		PHAl		PHAl		PHAl		PHAl		PHAl		PHAl		PHAl		PHAl		PHAl		PHAl

		HIAC		HIAC		HIAC		HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC
												PAM	PAM	PAM	PAM	PAM	PAM	PAM	PAM	PAM	PAM	PAM
									Cyto	Cyto	Cyto	Cyto	Cyto	Cyto	Cyto	Cyto	Cyto	Cyto	Cyto	Cyto	Cyto	Cyto
		SAL	SAL		SAL		SAL			SAL				SAL		SAL				SAL		

3074	Jour	2002	1500	1501	1001	1000	790	790	599	498	398	299	199	148	98	78	59	50	39	29	20	8
		DCO2		DCO2		DCO2		DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2
																		DMS	DMS	DMS	DMS	DMS
		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
									Bact		Bact	Bact	Bact	Bact	Bact	Bact	Bact	Bact	Bact	Bact	Bact	Bact
		SNSi	SNSi		SNSi		SNSi		SNSi	SNSi	SNSi	SNSi	SNSi	SNSi	SNSi	SNSi	SNSi	SNSi	SNSi	SNSi	SNSi	SNSi
		MOD		MOD		MOD		MOD	MOD		MOD	MOD	MOD		MOD	MOD	MOD	MOD	MOD		MOD	MOD
												MOP	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
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		SAL	SAL		SAL		SAL			SAL			SAL		SAL				SAL			

3075	Nuit	2001	1500	1499	1000	1000	798	797	599	497	399	301	200	149	101	80	59	48	40	29	19	4
		HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC
		TOC	TOC	TOC	TOCBP	TOCBP	TOC	TOCBP	TOCBP	TOCBP	TOCBP	TOCBP	TCBP	TCBP		TCBP			TCBP		TCBP	
									ABSR	ABSR	ABSR	ABSR	ABSR	ABSR	ABSR		ABSR	ABSR	ABSR		ABSR	

3076	Nuit	2000	1500	999	801	599	500	400	301	200	149	99	80	60	50	40	40	30	20	20	5	5
		HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC
		TOC	TOC	TOC	TOCBP	TOCBP	TOC	TOCBP	TOCBP	TOCBP	TOCBP	TOCBP	TCBP	TCBP		TCBP			TCBP		TCBP	
									ABSR	ABSR	ABSR	ABSR	ABSR	ABSR	ABSR		ABSR	ABSR	ABSR		ABSR	

3077	Jour	2001	1500	1500	1000	1000	799	799	599	498	398	298	199	149	98	78	59	49	40	30	20	7
		DCO2		DCO2		DCO2		DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2
																		DMS	DMS	DMS	DMS	DMS
		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
									Bact		Bact	Bact	Bact	Bact	Bact	Bact	Bact	Bact	Bact	Bact	Bact	Bact
		SNSi	SNSi		SNSi		SNSi		SNSi	SNSi	SNSi	SNSi	SNSi	SNSi	SNSi	SNSi	SNSi	SNSi	SNSi	SNSi	SNSi	SNSi
		MOD		MOD		MOD		MOD	MOD		MOD	MOD	MOD		MOD	MOD	MOD	MOD	MOD		MOD	MOD
												MOP	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
													PAM	PAM	PAM	PAM	PAM	PAM	PAM	PAM	PAM	PAM
									Cyto	Cyto	Cyto	Cyto	Cyto	Cyto	Cyto	Cyto	Cyto	Cyto	Cyto	Cyto	Cyto	Cyto
		SAL	SAL		SAL		SAL			SAL			SAL		SAL				SAL			

3078	Jour	2001	1502	1502	985	986	799	799	599	498	399	299	199	149	99	79	60	50	39	29	19	4

		MOD		MOD		MOD		MOD	MOD		MOD	MOD	MOD		MOD	MOD	MOD	MOD	MOD		MOD	MOD	
											MOP	MOP	MOP	MOP	MOP	MOP	MOP	MOP	MOP	MOP	MOP	MOP	MOP
											Pigm	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
											PAM	PAM	PAM	PAM	PAM	PAM	PAM	PAM	PAM	PAM	PAM	PAM	PAM
								Cyto	Cyto	Cyto	Cyto	Cyto	Cyto	Cyto	Cyto	Cyto	Cyto	Cyto	Cyto	Cyto	Cyto	Cyto	Cyto
		SAL	SAL		SAL		SAL						SAL		SAL						SAL		

3083		2000	1499	1499	999	999	799	800	597	500	400	299	199	148	99	71	60	50	39	30	20	5	
Jour		DCO2		DCO2		DCO2		DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2
																		DMS	DMS	DMS	DMS	DMS	
		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
									Bact	Bact	Bact	Bact	Bact	Bact	Bact	Bact	Bact	Bact	Bact	Bact	Bact	Bact	Bact
		SNSi	SNSi		SNSi		SNSi		SNSi	SNSi	SNSi	SNSi	SNSi	SNSi	SNSi	SNSi	SNSi	SNSi	SNSi	SNSi	SNSi	SNSi	SNSi
		MOD		MOD		MOD		MOD	MOD		MOD	MOD	MOD		MOD	MOD	MOD	MOD	MOD		MOD	MOD	
													MOP	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	HIAC
													PAM	PAM	PAM	PAM	PAM	PAM	PAM	PAM	PAM	PAM	PAM
									Cyto	Cyto	Cyto	Cyto	Cyto	Cyto	Cyto	Cyto	Cyto	Cyto	Cyto	Cyto	Cyto	Cyto	Cyto
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POMME 3 - LEG1

26 AOUT - 13 Septembre 2001

THALASSA

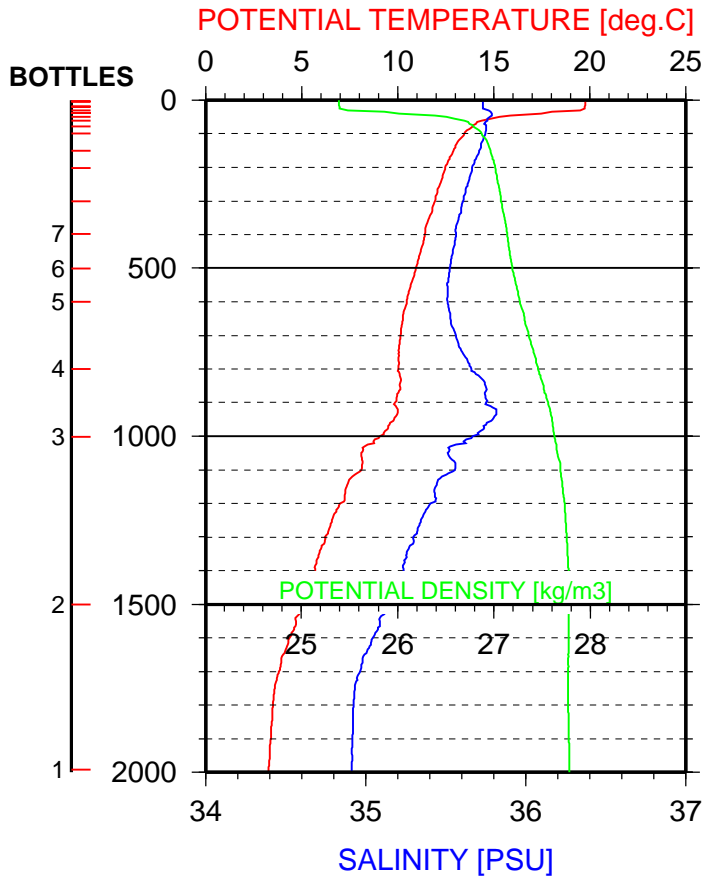
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0 - 2000 dbars

L.PRIEUR - J.RAUNET

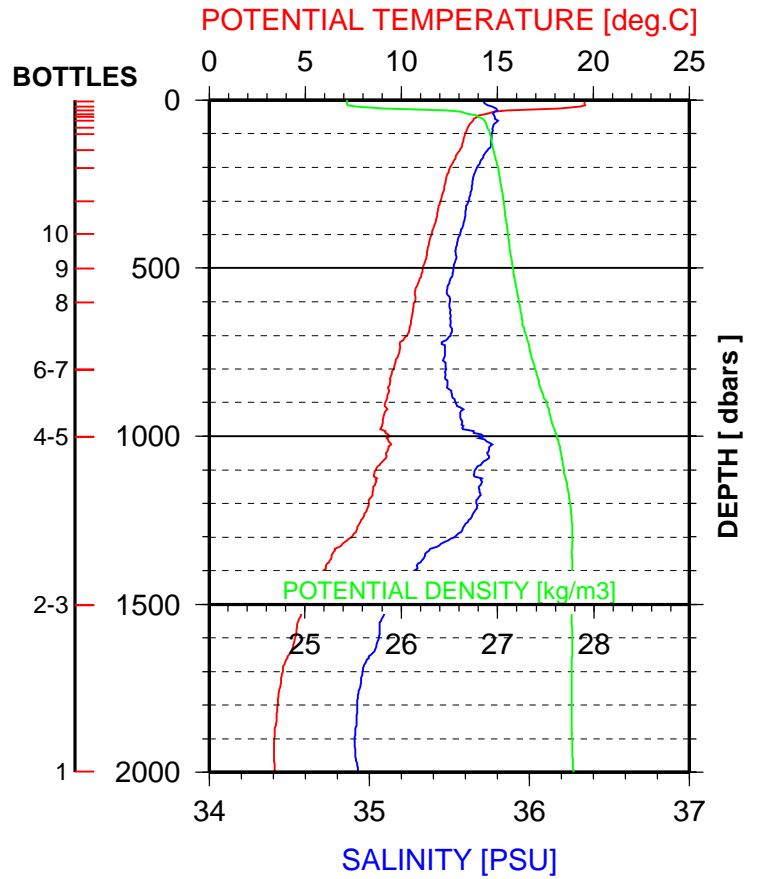
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26 / 8 / 2001 - 3 h 45 m



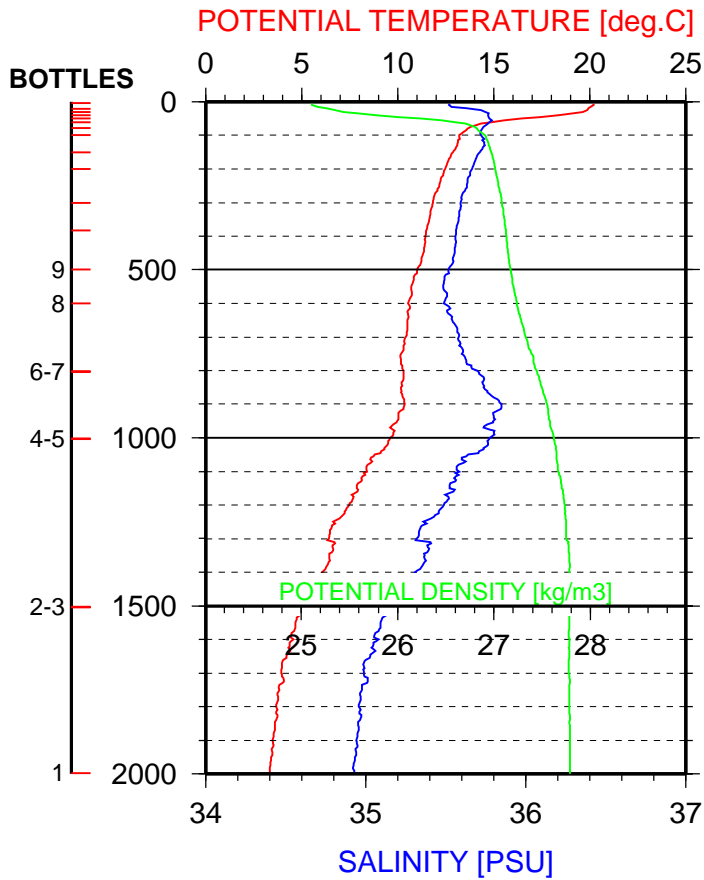
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26 / 8 / 2001 - 8 h 54 m



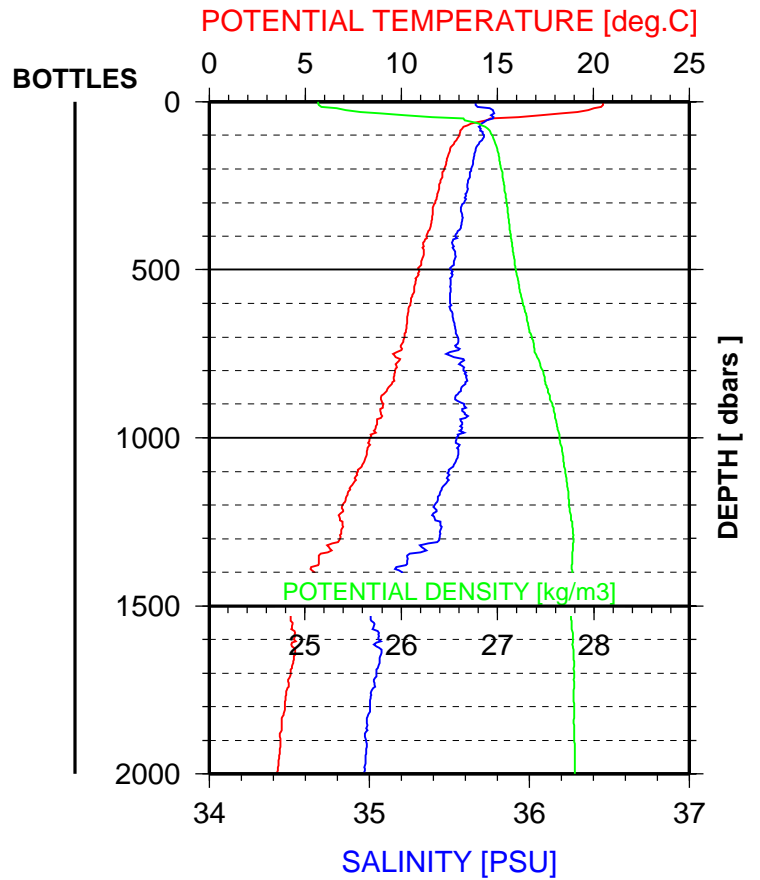
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26 / 8 / 2001 - 14 h 9 m



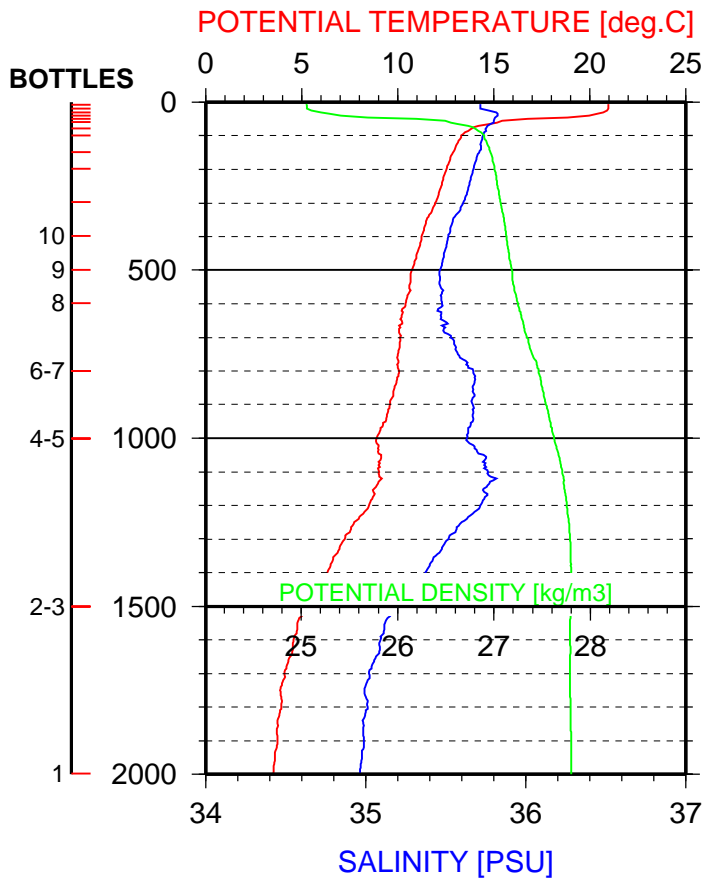
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26 / 8 / 2001 - 19 h 13 m



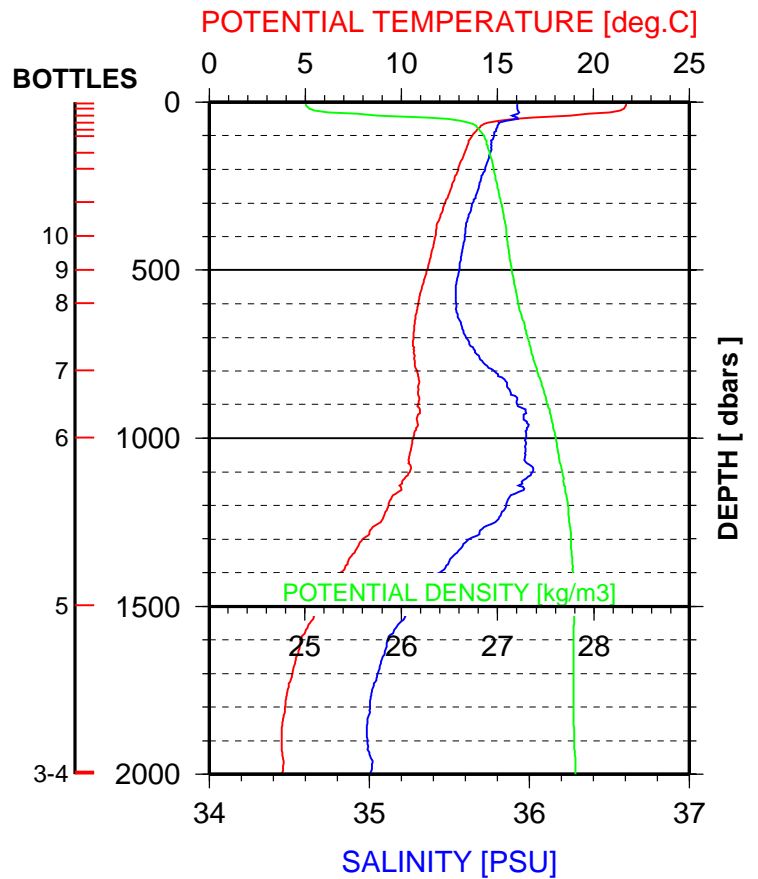
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27 / 8 / 2001 - 8 h 1 m



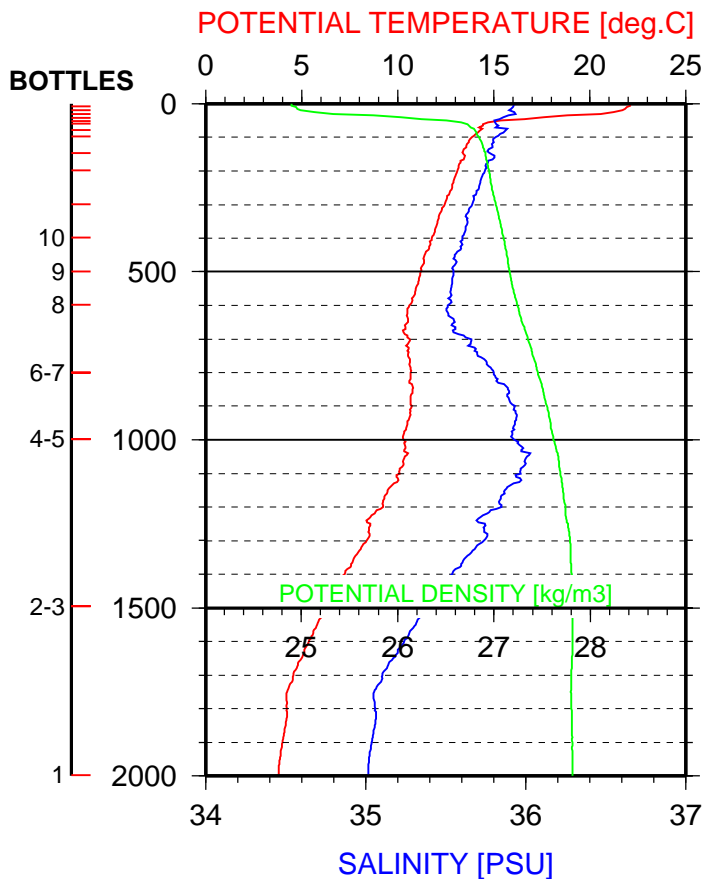
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27 / 8 / 2001 - 12 h 59 m



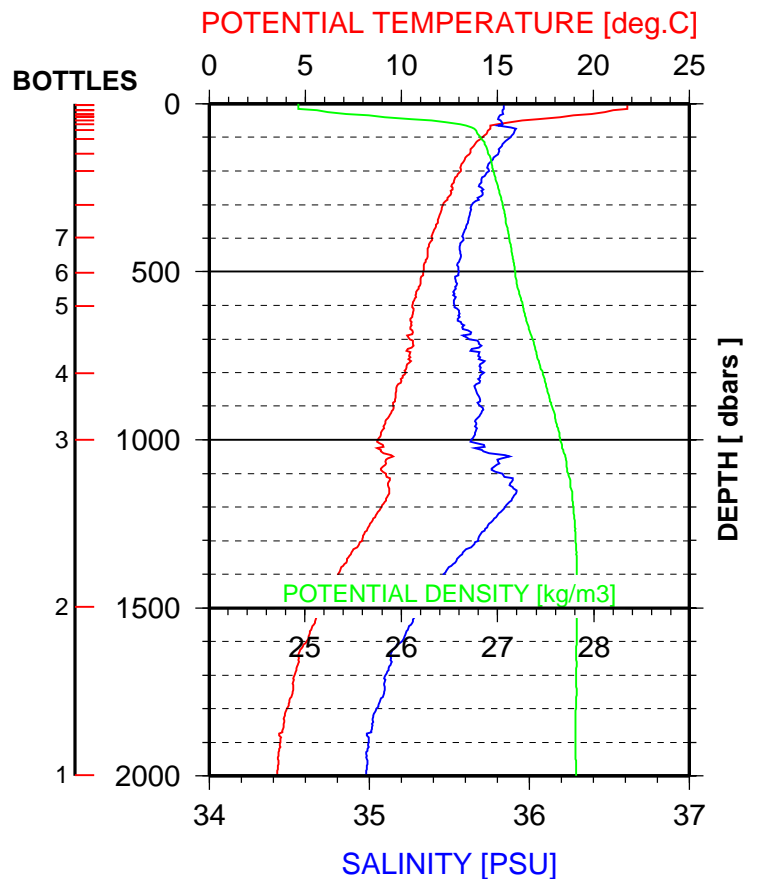
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27 / 8 / 2001 - 20 h 41 m



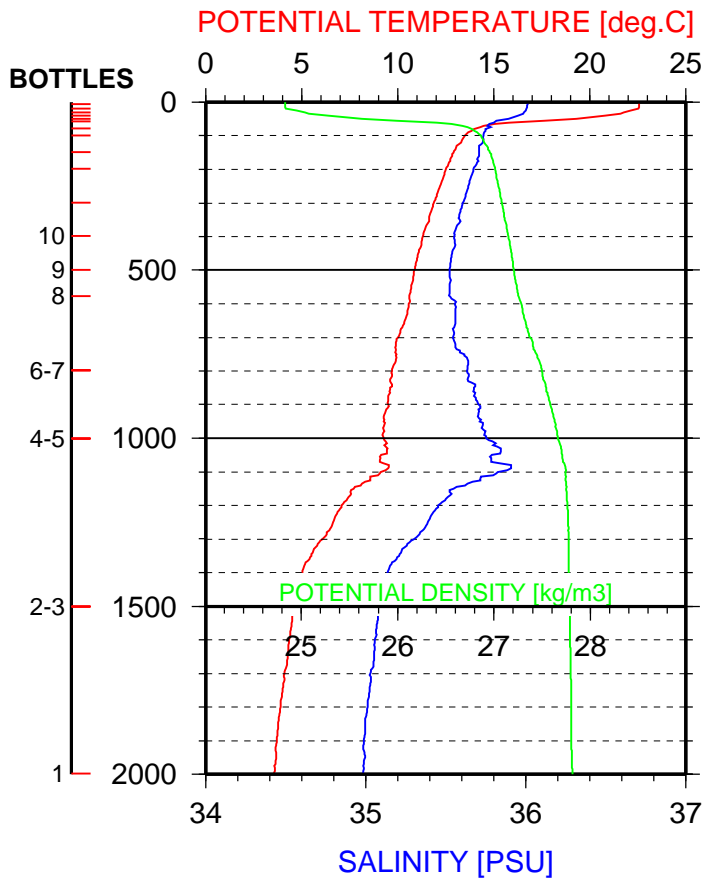
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28 / 8 / 2001 - 1 h 54 m



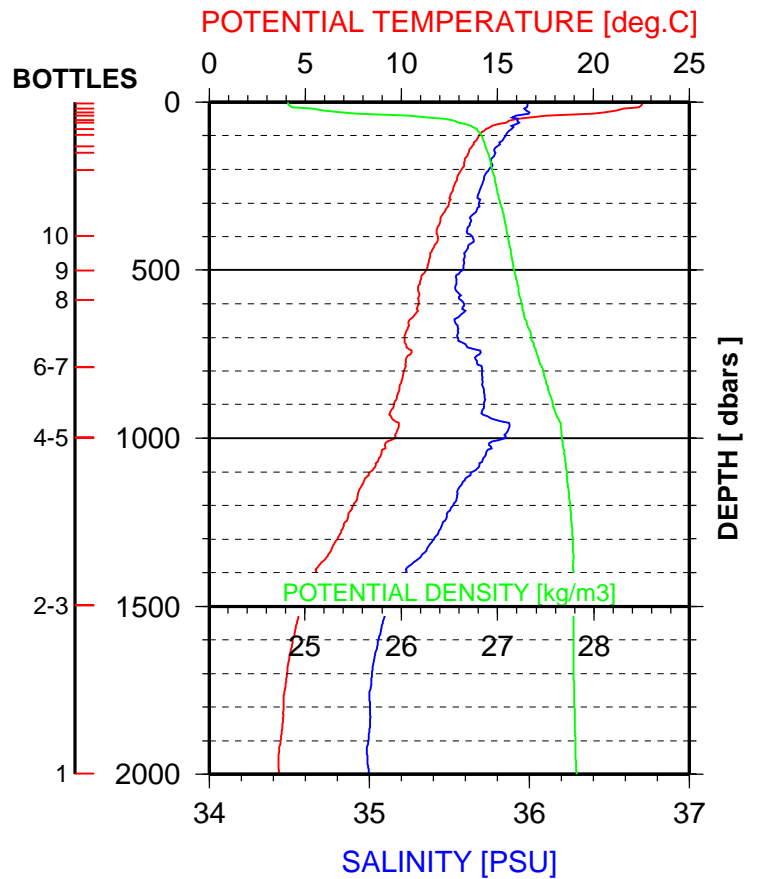
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28 / 8 / 2001 - 7 h 14 m



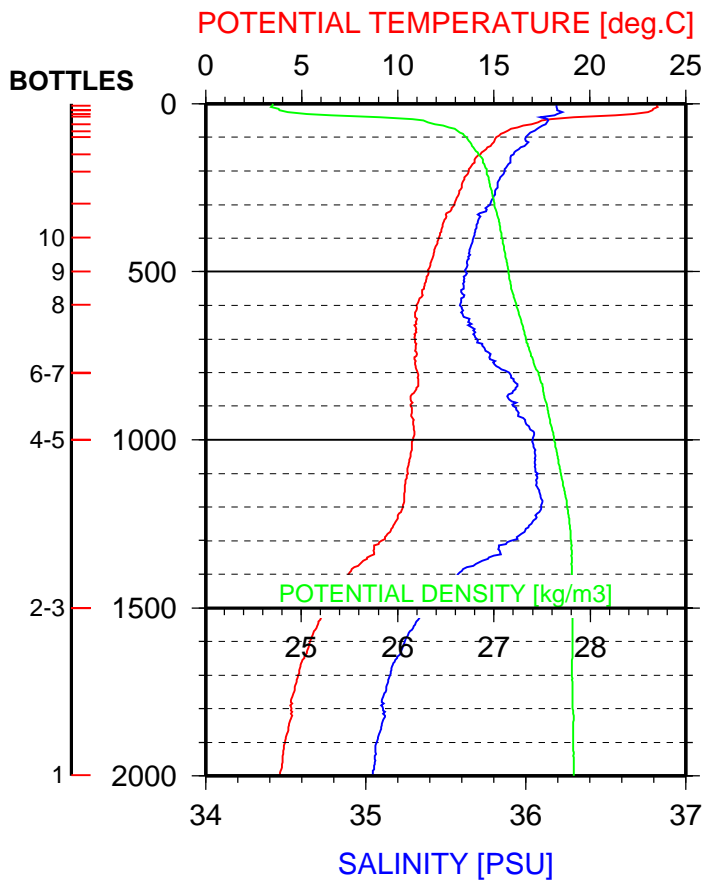
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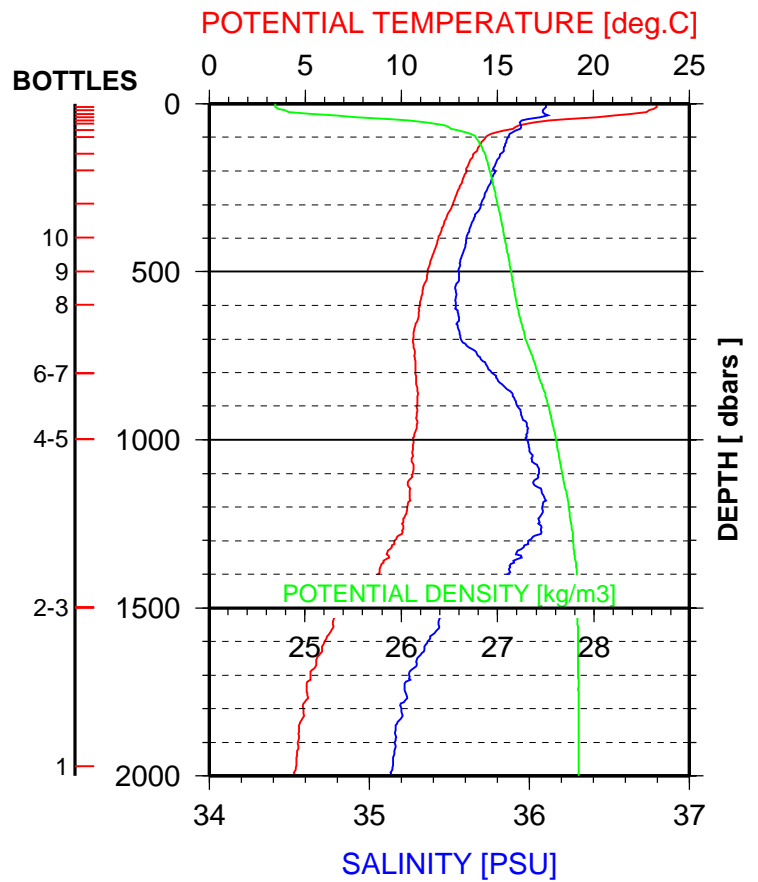
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28 / 8 / 2001 - 16 h 52 m



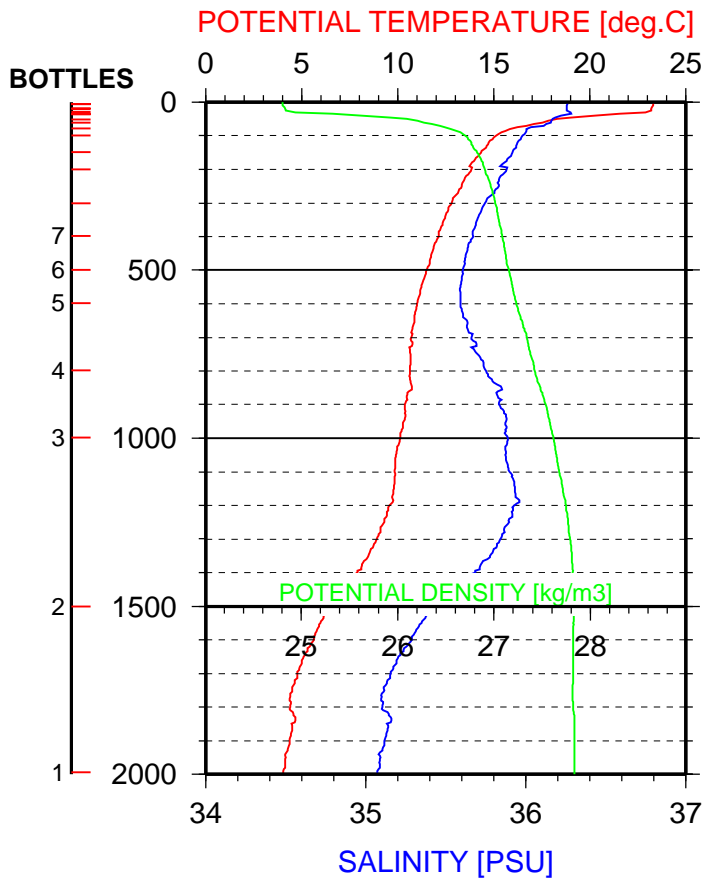
POMME3 - VALID STATION 3012

28 / 8 / 2001 - 22 h 7 m



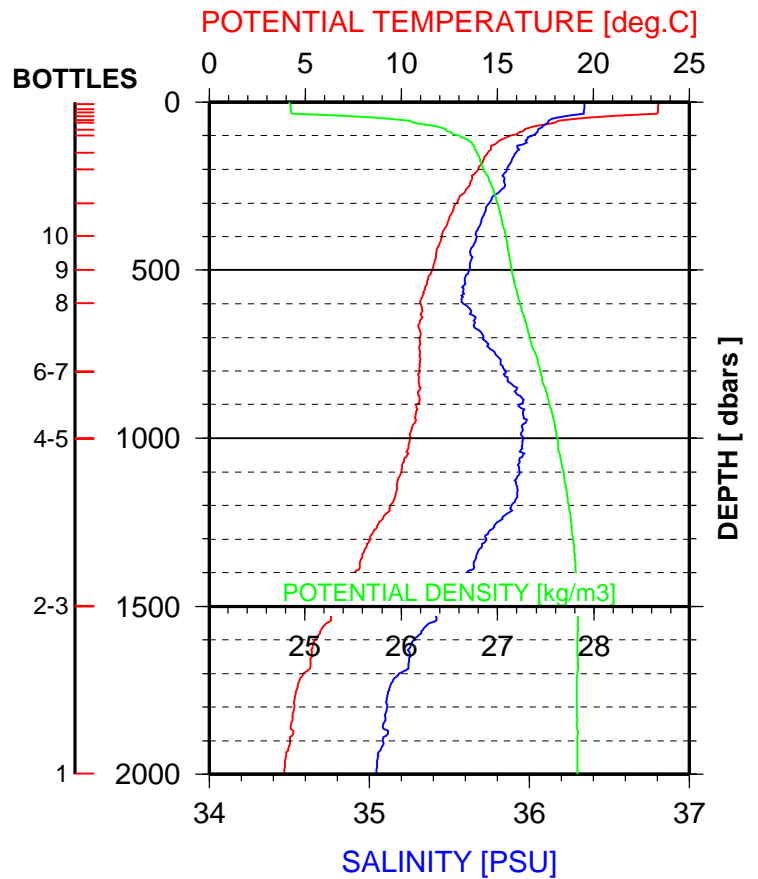
POMME3 - VALID STATION 3013

29 / 8 / 2001 - 2 h 59 m



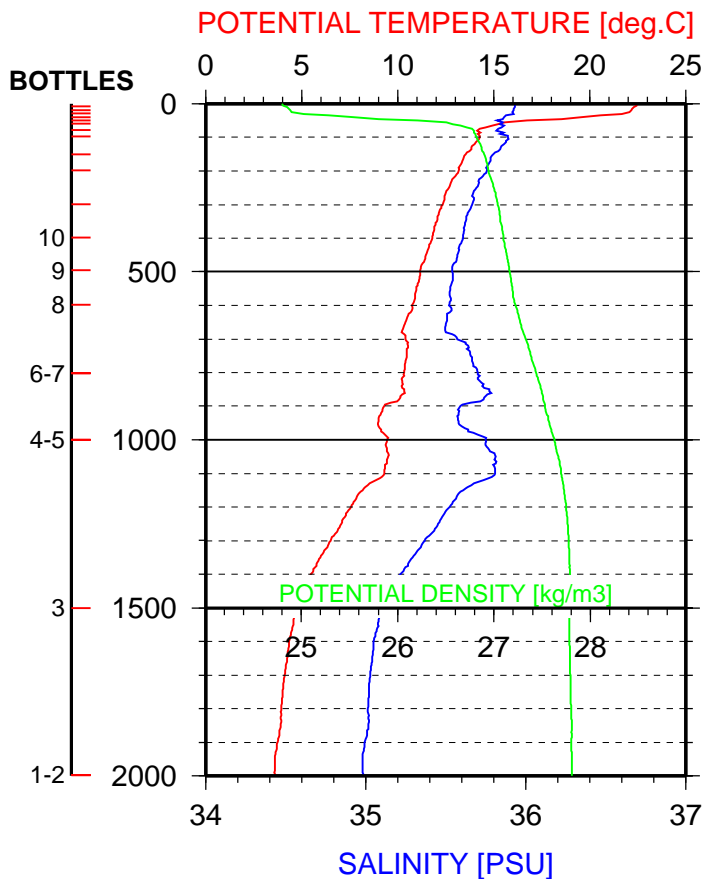
POMME3 - VALID STATION 3014

29 / 8 / 2001 - 12 h 9 m



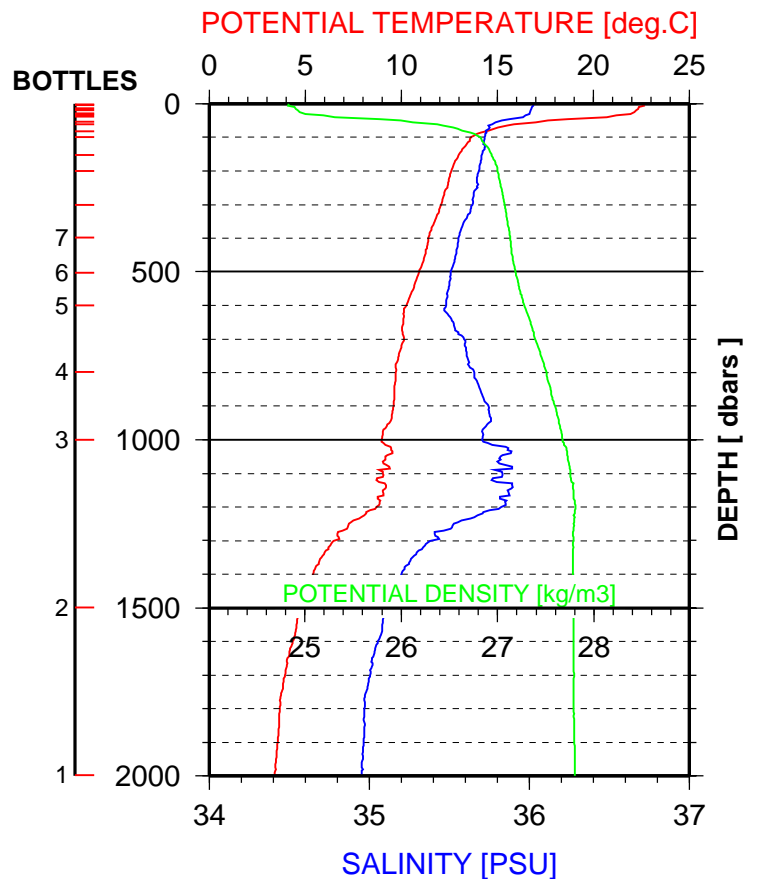
POMME3 - VALID STATION 3015

29 / 8 / 2001 - 20 h 18 m



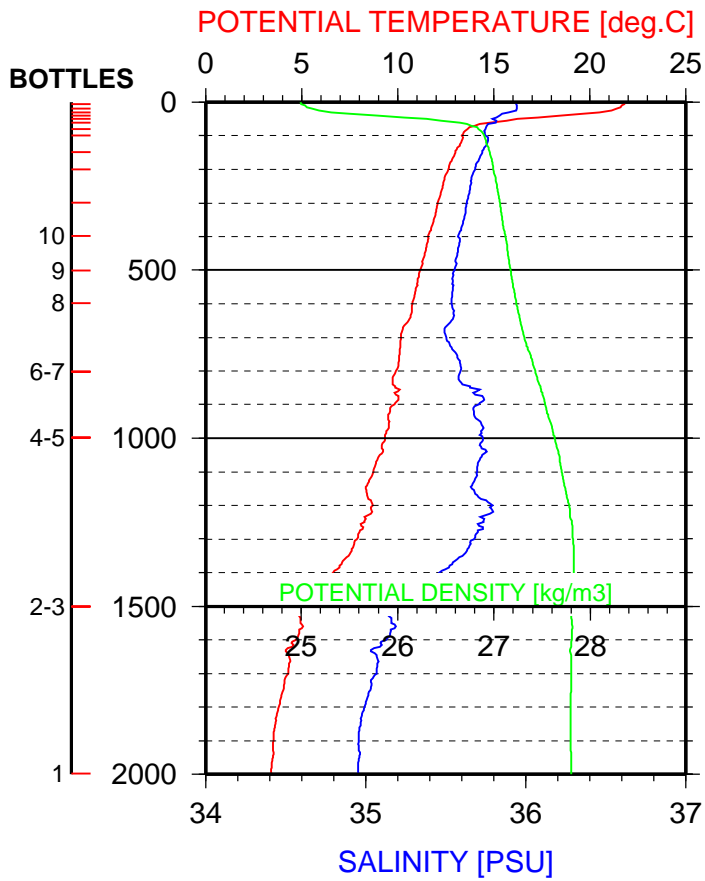
POMME3 - VALID STATION 3016

30 / 8 / 2001 - 1 h 30 m



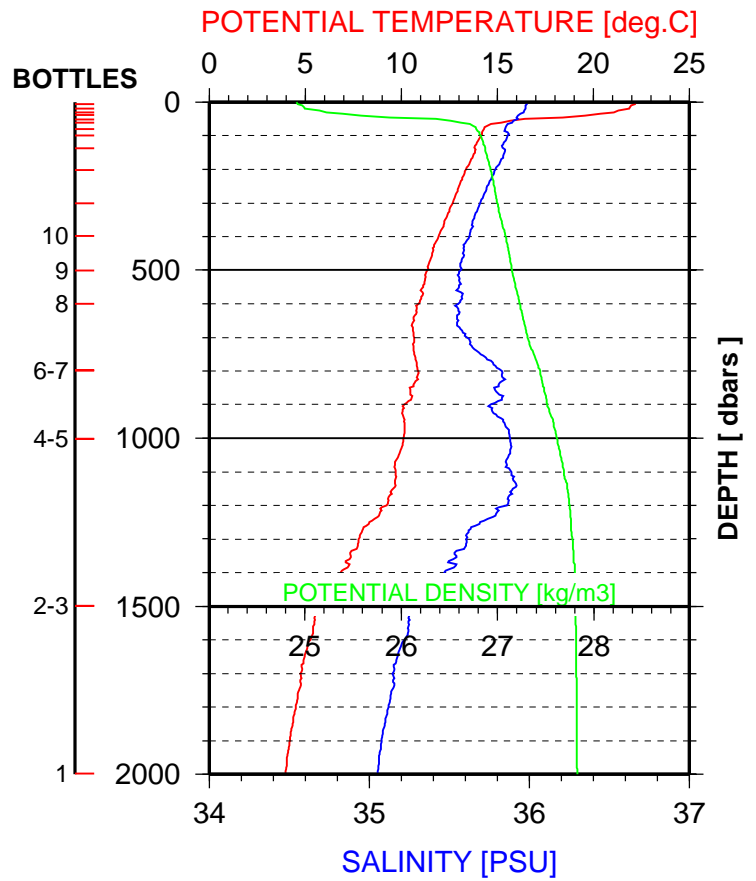
POMME3 - VALID STATION 3017

30 / 8 / 2001 - 6 h 23 m



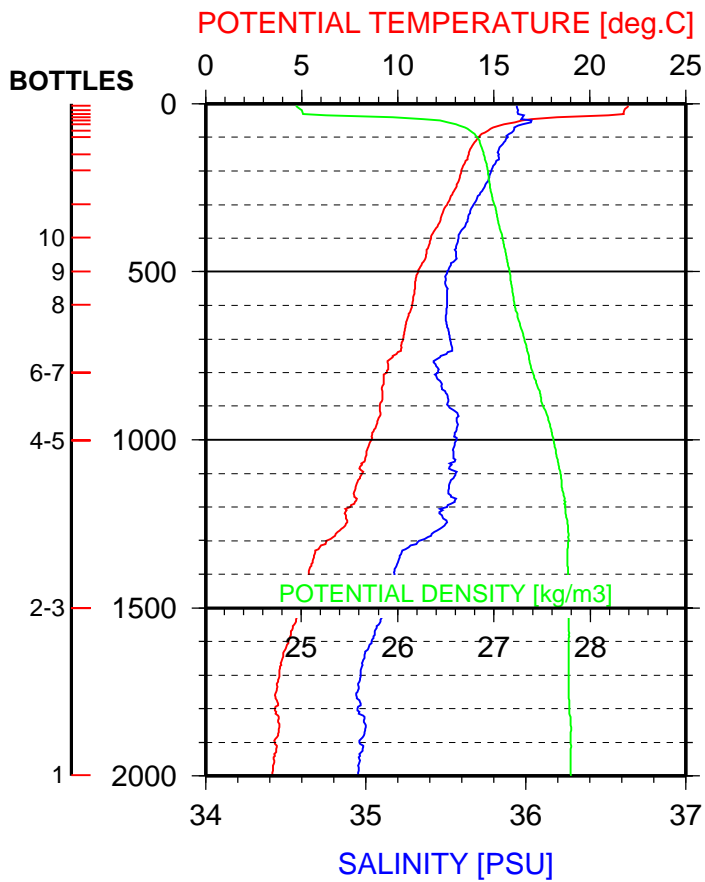
POMME3 - VALID STATION 3018

30 / 8 / 2001 - 11 h 27 m



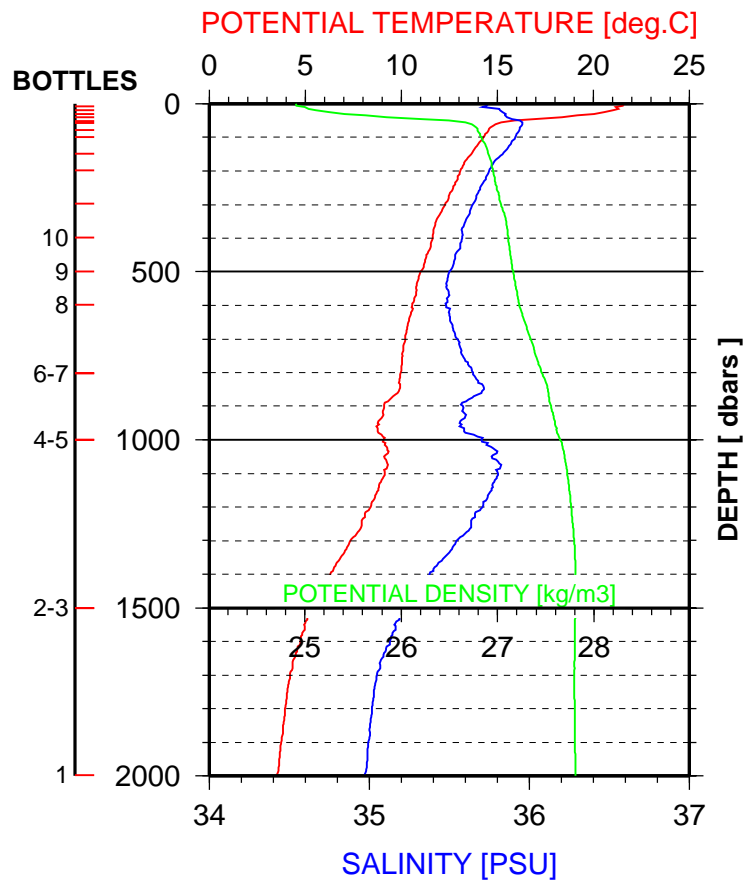
POMME3 - VALID STATION 3019

30 / 8 / 2001 - 15 h 46 m



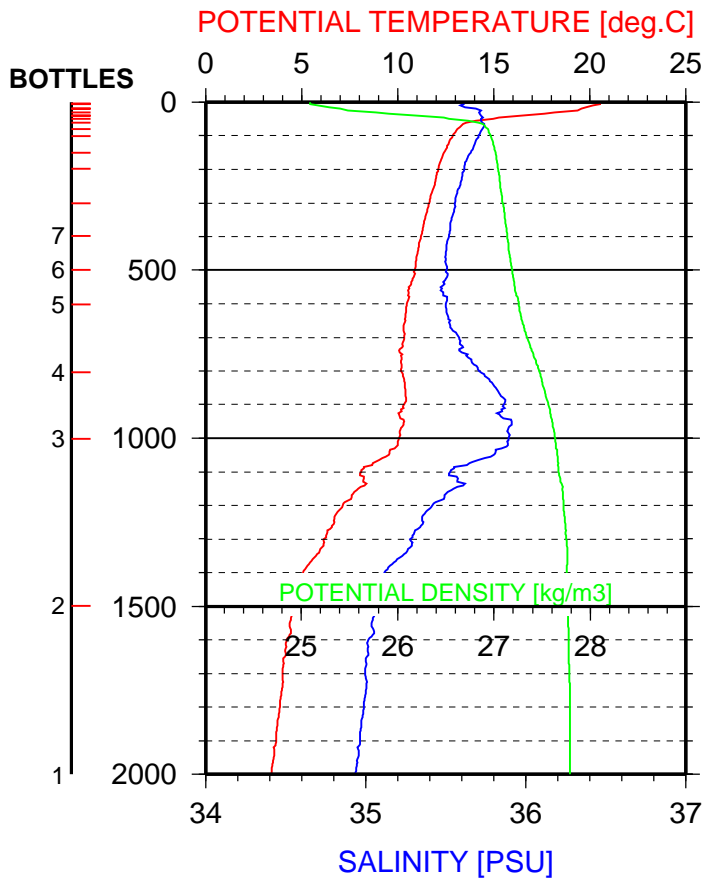
POMME3 - VALID STATION 3020

30 / 8 / 2001 - 20 h 47 m



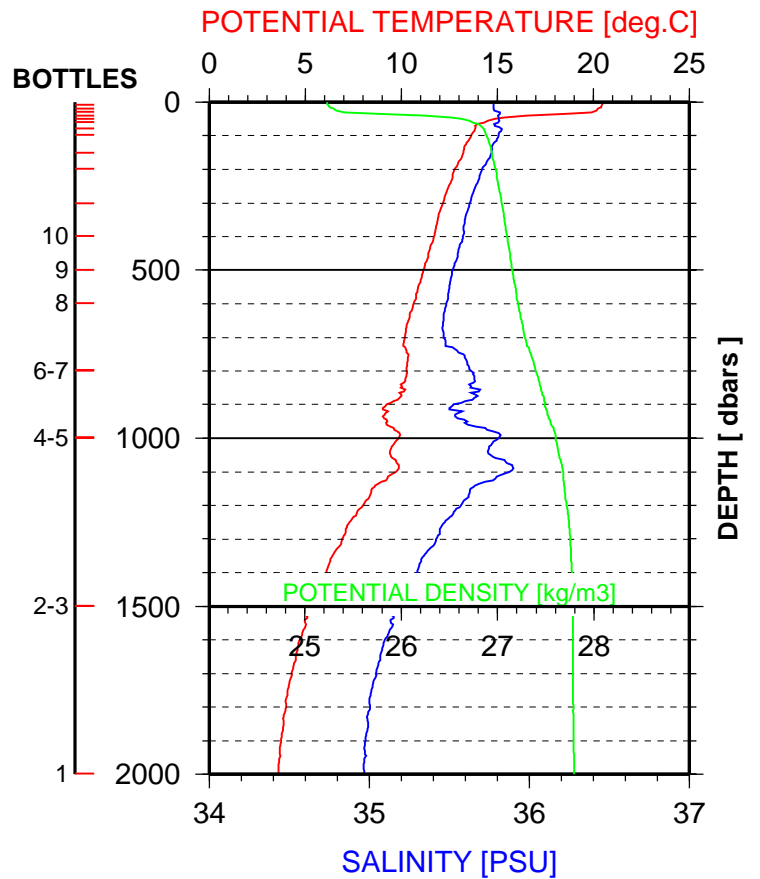
POMME3 - VALID STATION 3021

31 / 8 / 2001 - 1 h 8 m



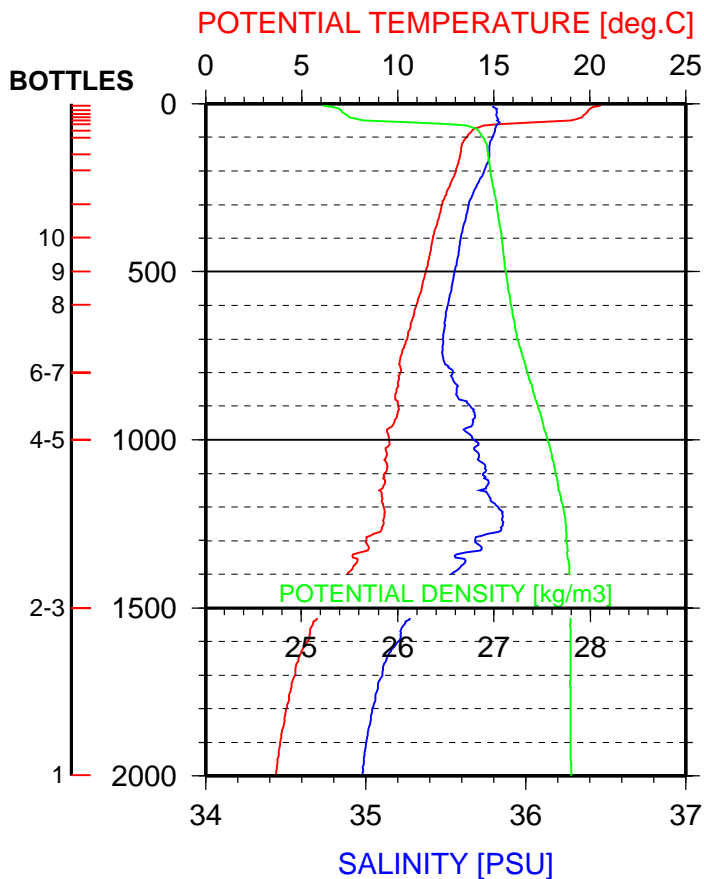
POMME3 - VALID STATION 3022

31 / 8 / 2001 - 10 h 24 m



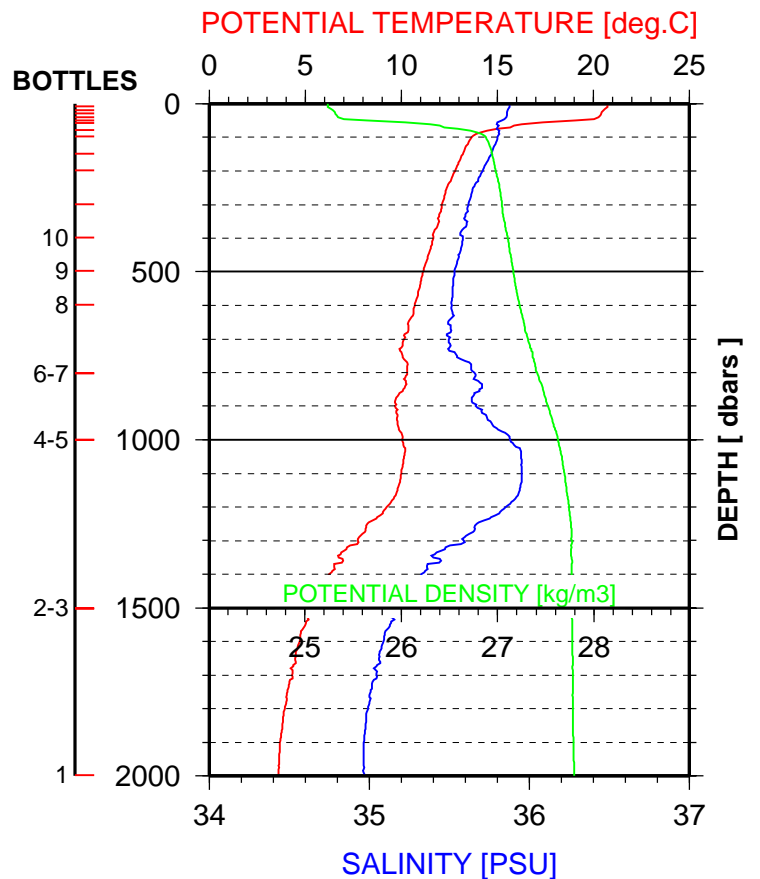
POMME3 - VALID STATION 3023

31 / 8 / 2001 - 17 h 15 m



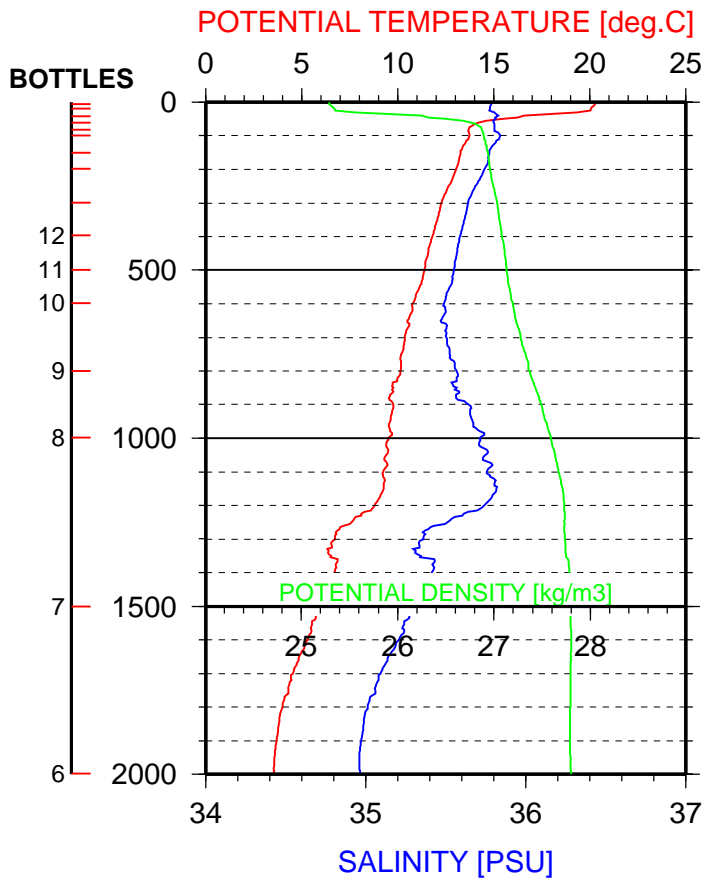
POMME3 - VALID STATION 3024

31 / 8 / 2001 - 22 h 22 m



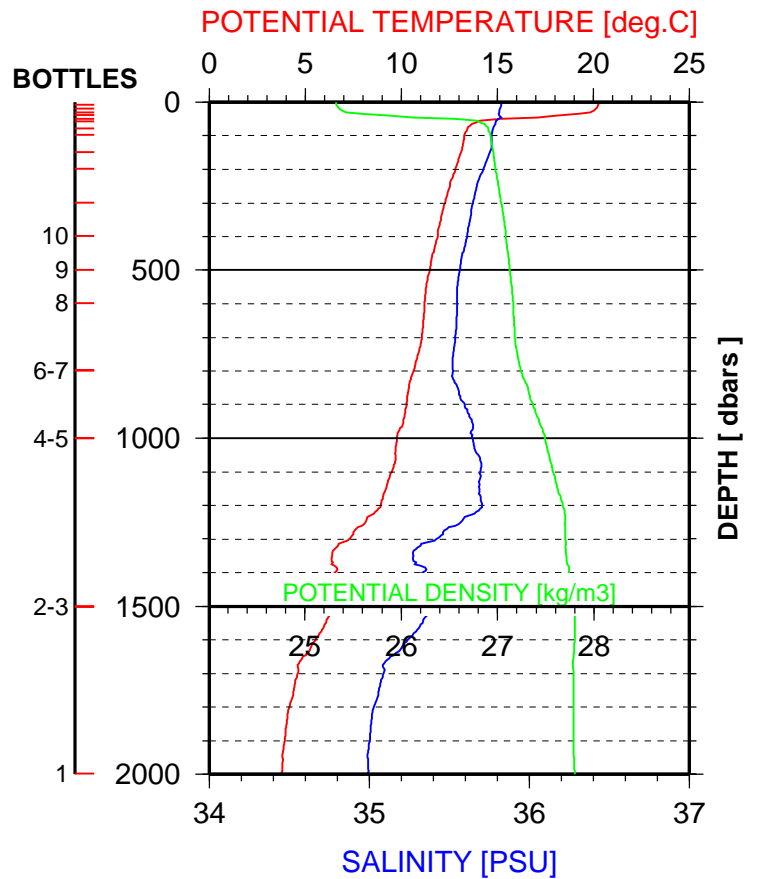
POMME3 - VALID STATION 3025

1 / 9 / 2001 - 2 h 41 m



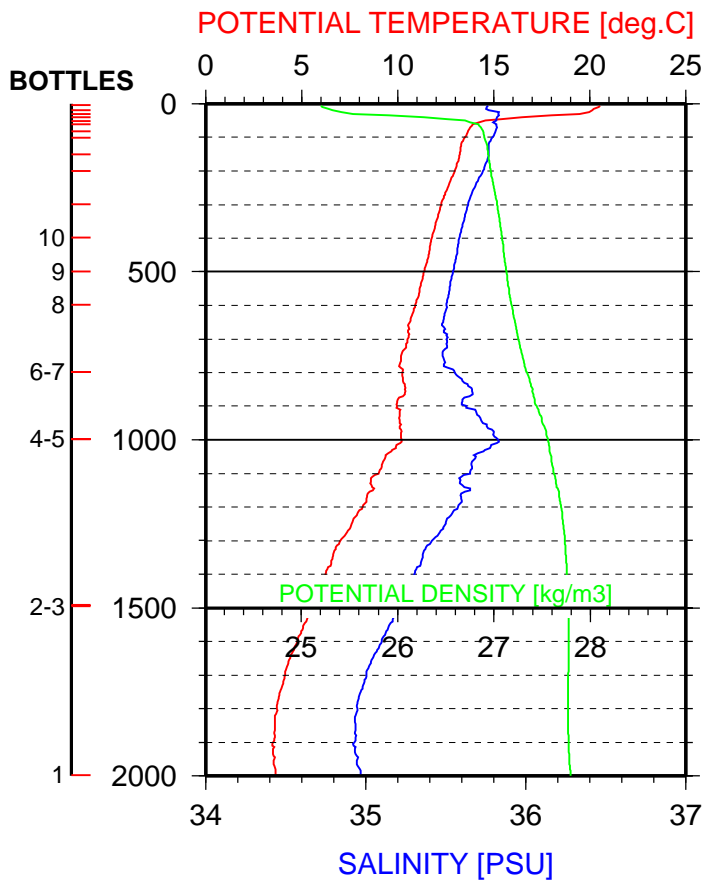
POMME3 - VALID STATION 3026

1 / 9 / 2001 - 10 h 13 m



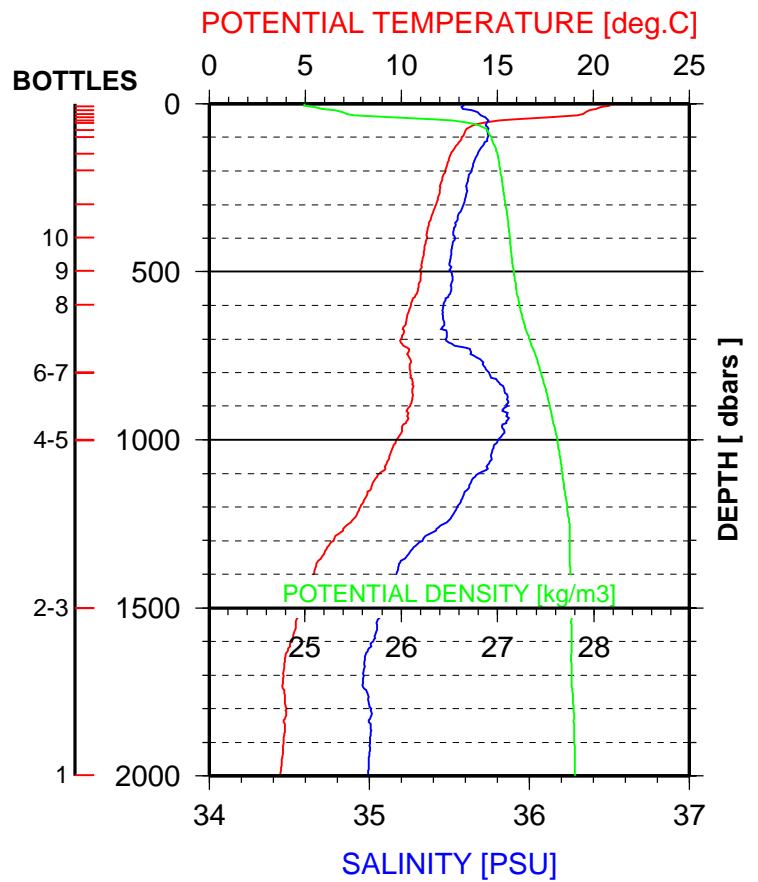
POMME3 - VALID STATION 3027

1 / 9 / 2001 - 14 h 44 m



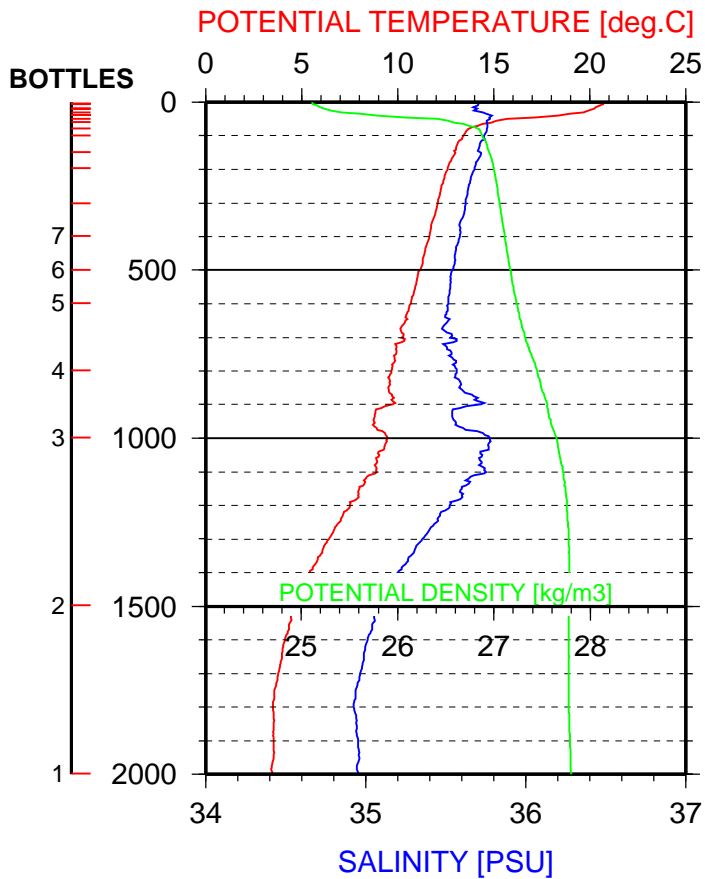
POMME3 - VALID STATION 3028

1 / 9 / 2001 - 19 h 41 m



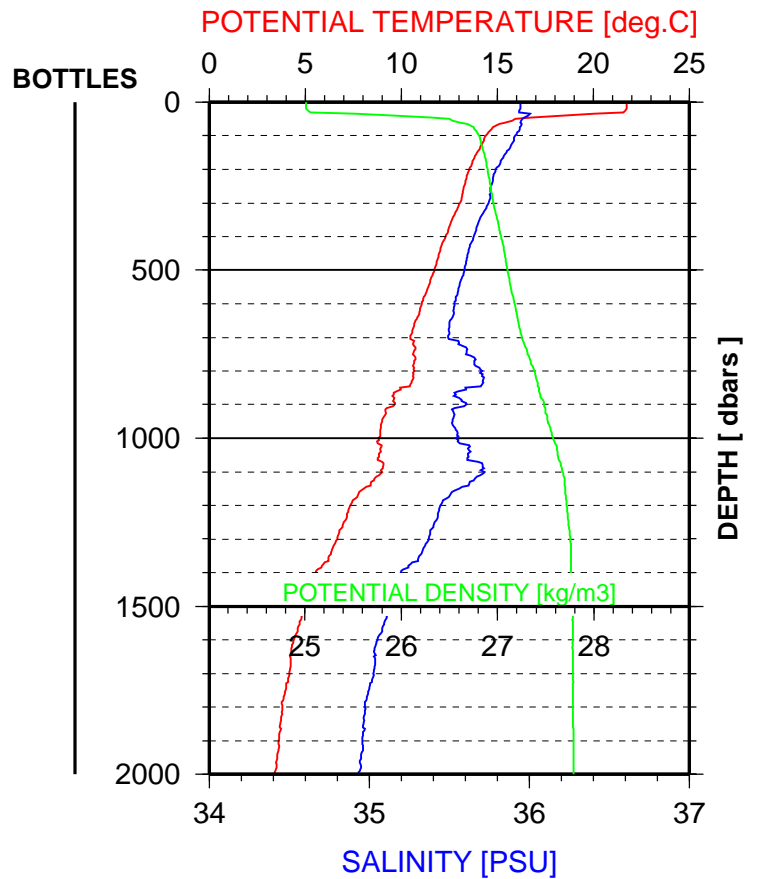
POMME3 - VALID STATION 3029

2 / 9 / 2001 - 0 h 0 m



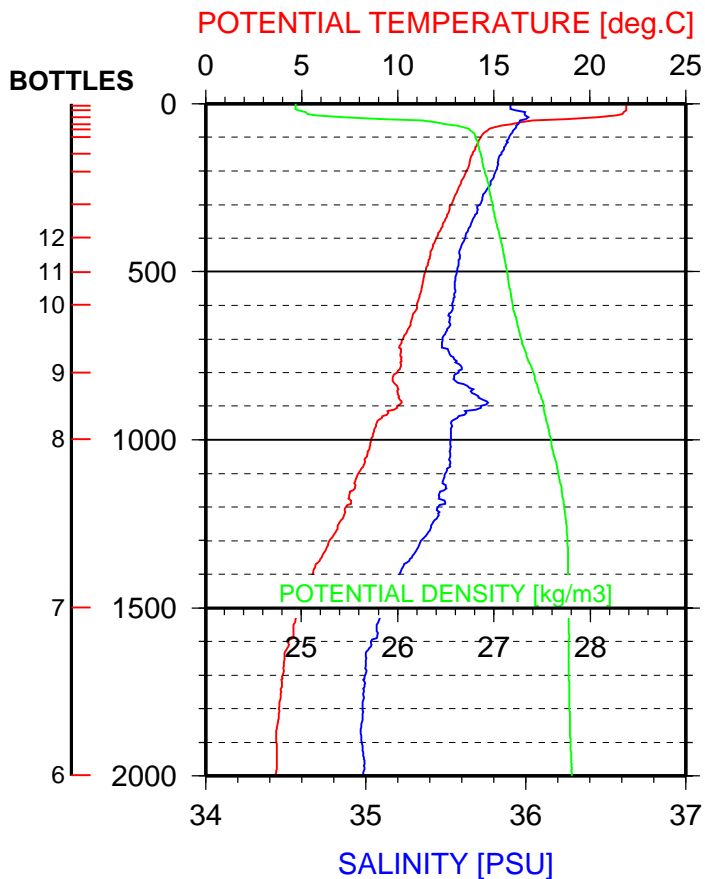
POMME3 - VALID STATION 3030

2 / 9 / 2001 - 5 h 7 m



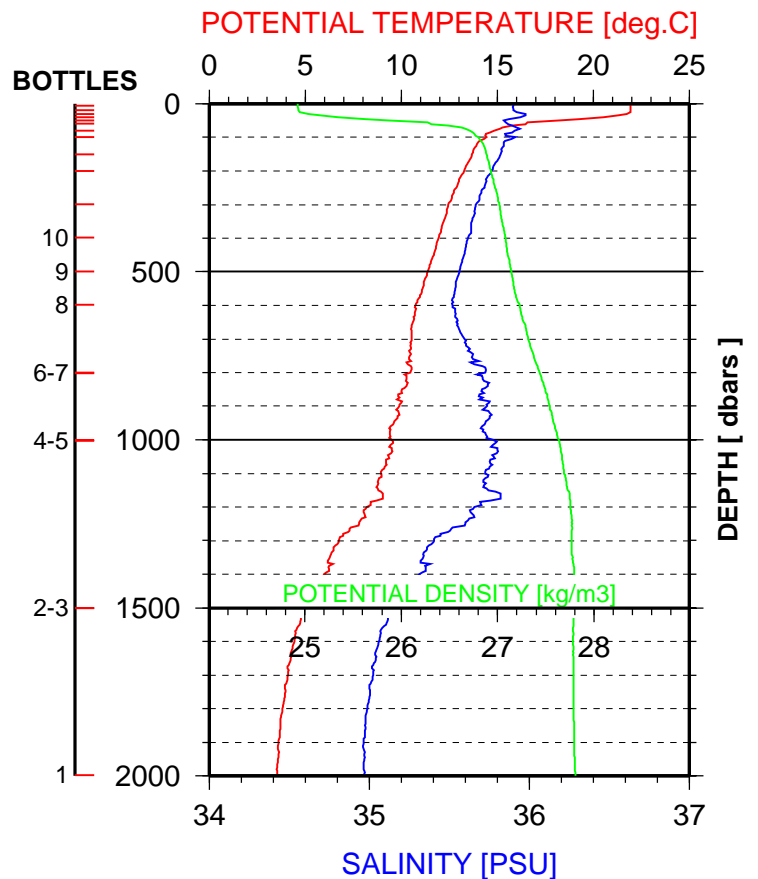
POMME3 - VALID STATION 3031

2 / 9 / 2001 - 9 h 23 m



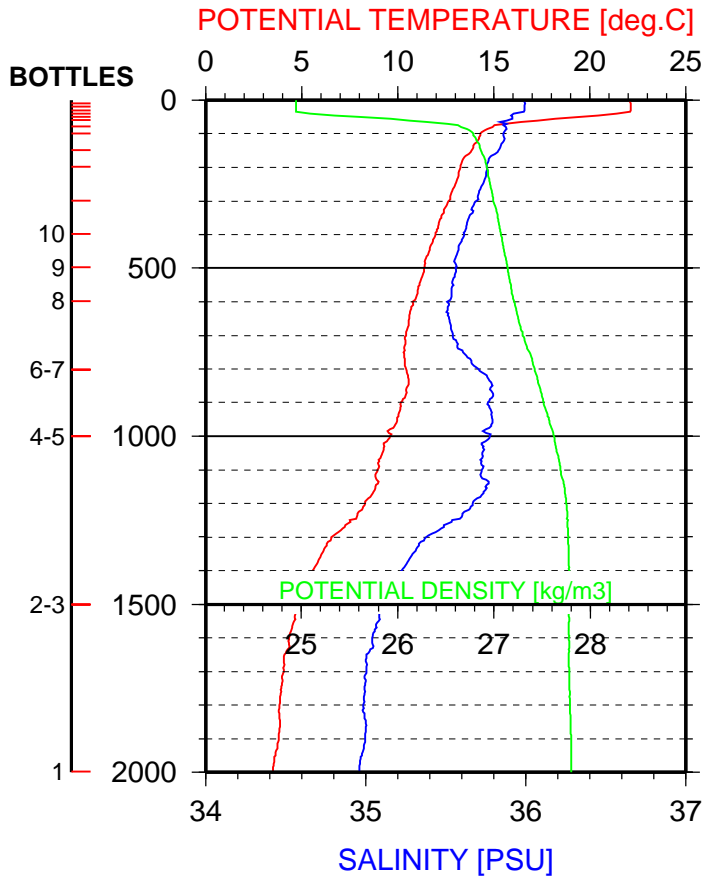
POMME3 - VALID STATION 3032

2 / 9 / 2001 - 16 h 28 m



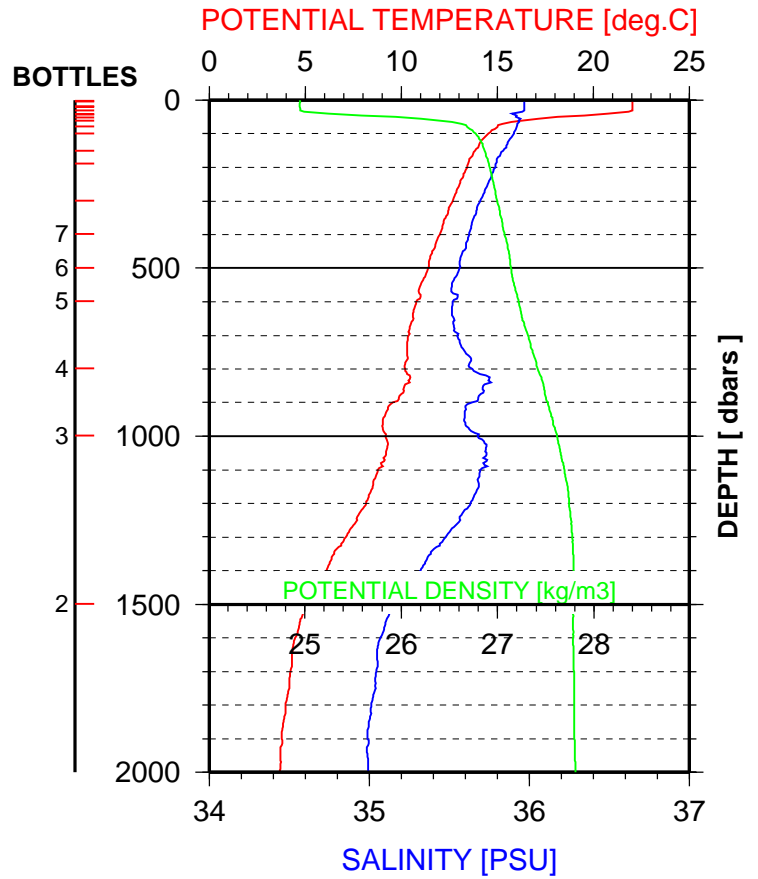
POMME3 - VALID STATION 3033

2 / 9 / 2001 - 20 h 38 m



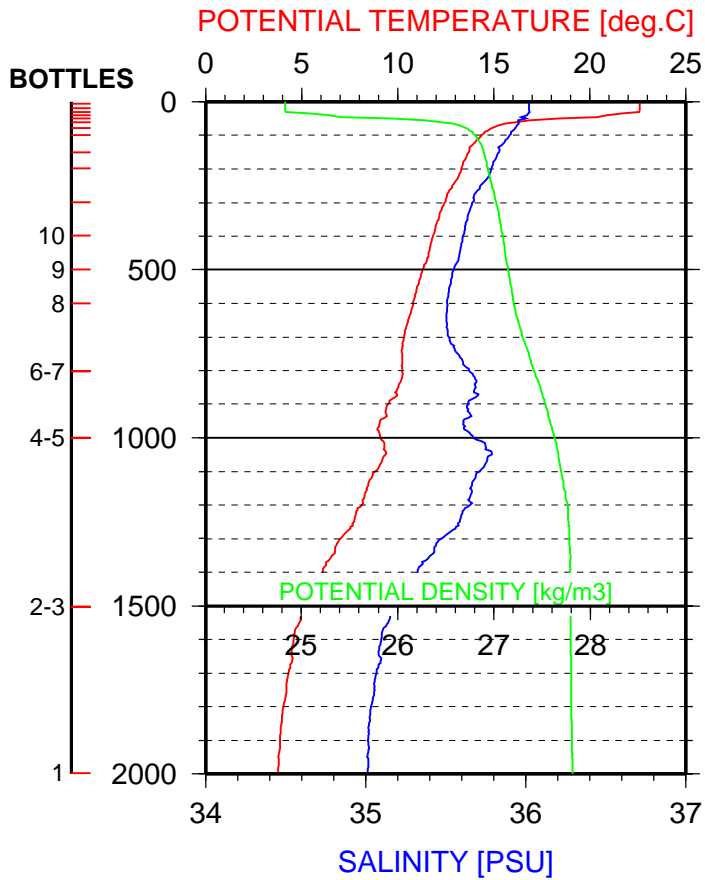
POMME3 - VALID STATION 3034

3 / 9 / 2001 - 1 h 25 m



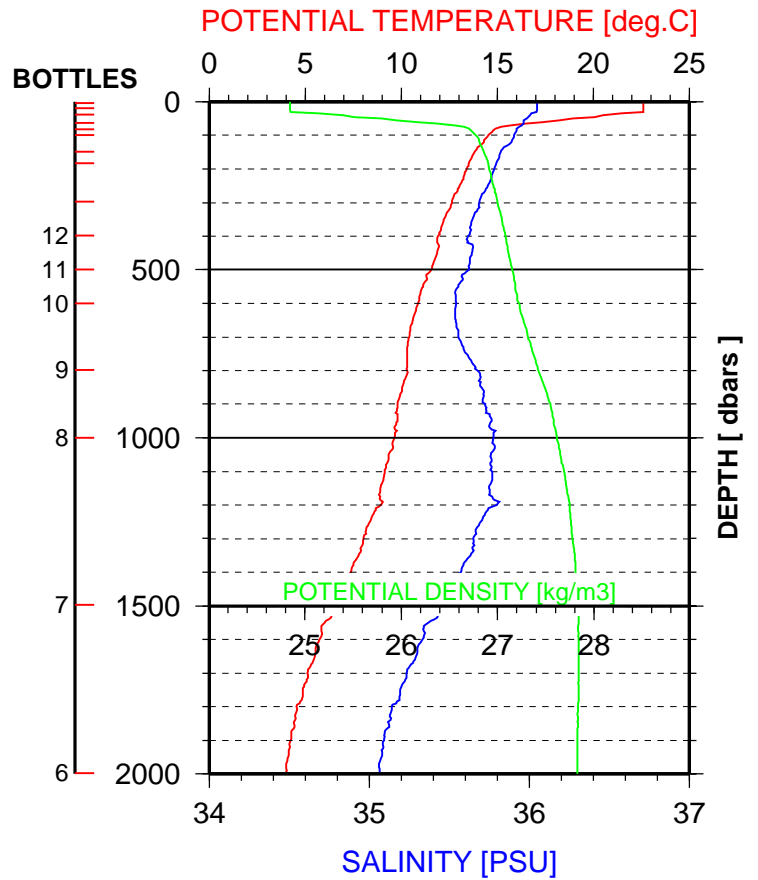
POMME3 - VALID STATION 3035

3 / 9 / 2001 - 5 h 53 m



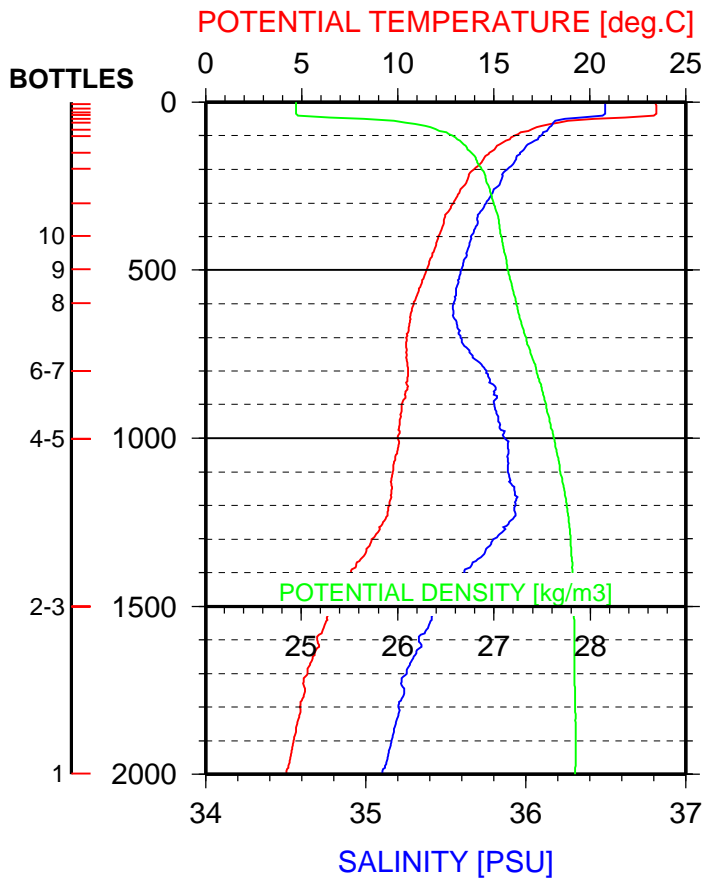
POMME3 - VALID STATION 3036

3 / 9 / 2001 - 10 h 20 m



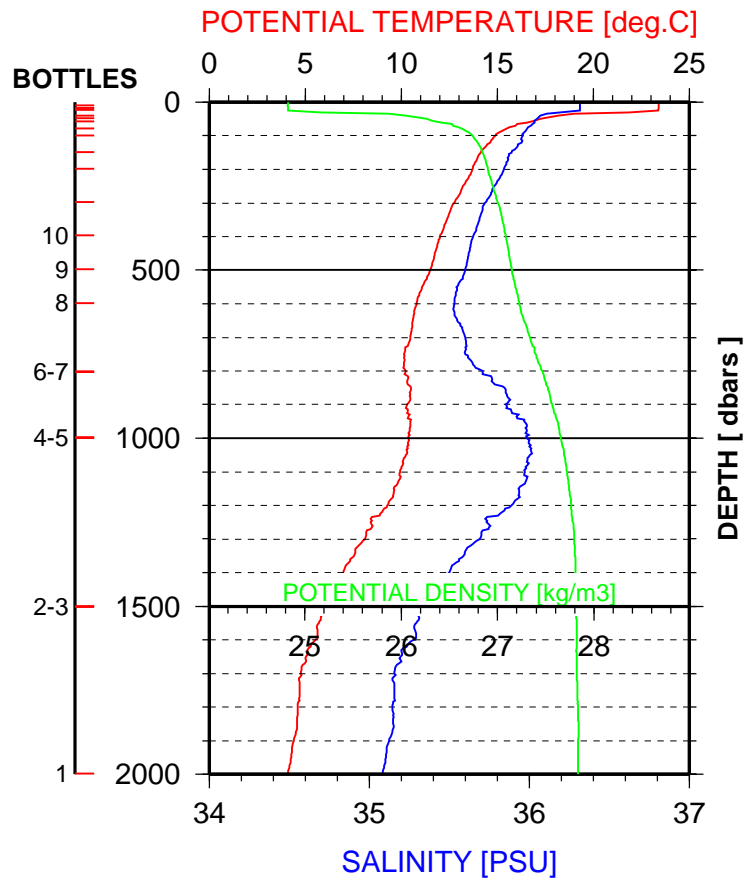
POMME3 - VALID STATION 3037

3 / 9 / 2001 - 16 h 48 m



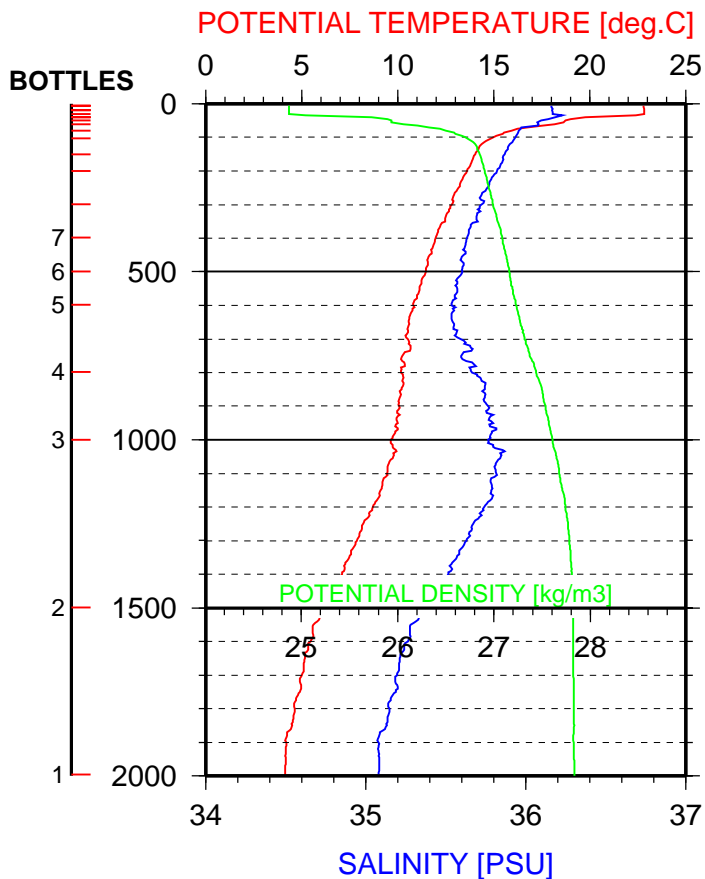
POMME3 - VALID STATION 3038

3 / 9 / 2001 - 21 h 53 m



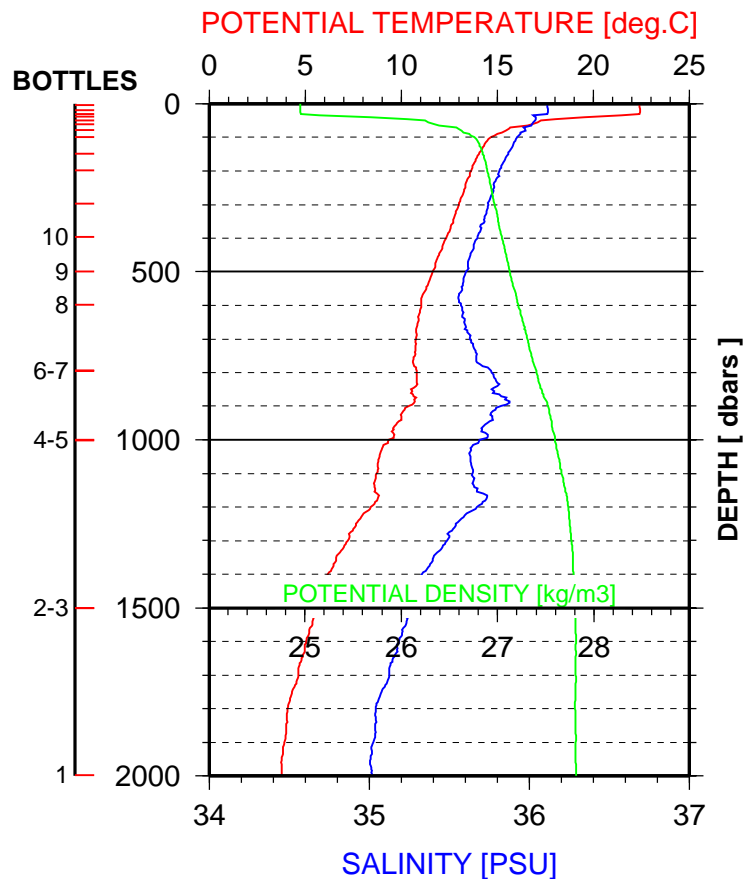
POMME3 - VALID STATION 3039

4 / 9 / 2001 - 2 h 46 m



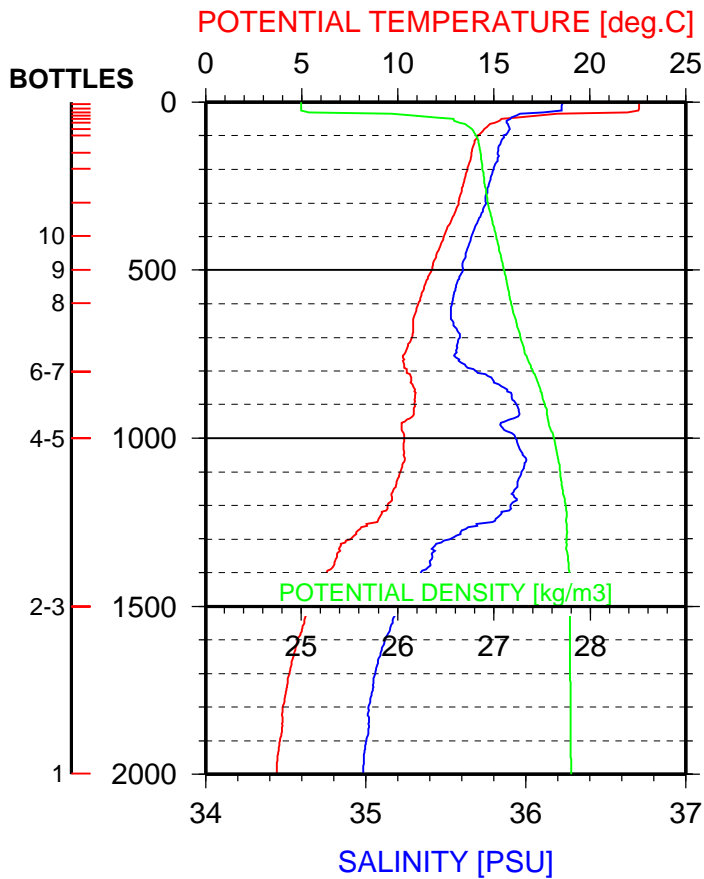
POMME3 - VALID STATION 3040

4 / 9 / 2001 - 12 h 43 m



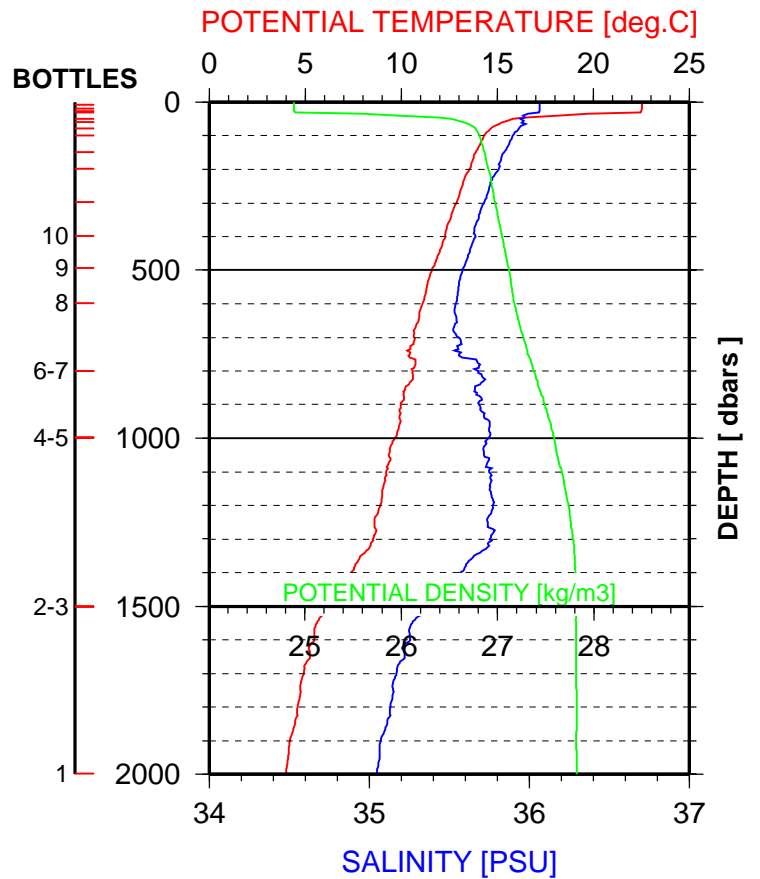
POMME3 - VALID STATION 3041

4 / 9 / 2001 - 17 h 54 m



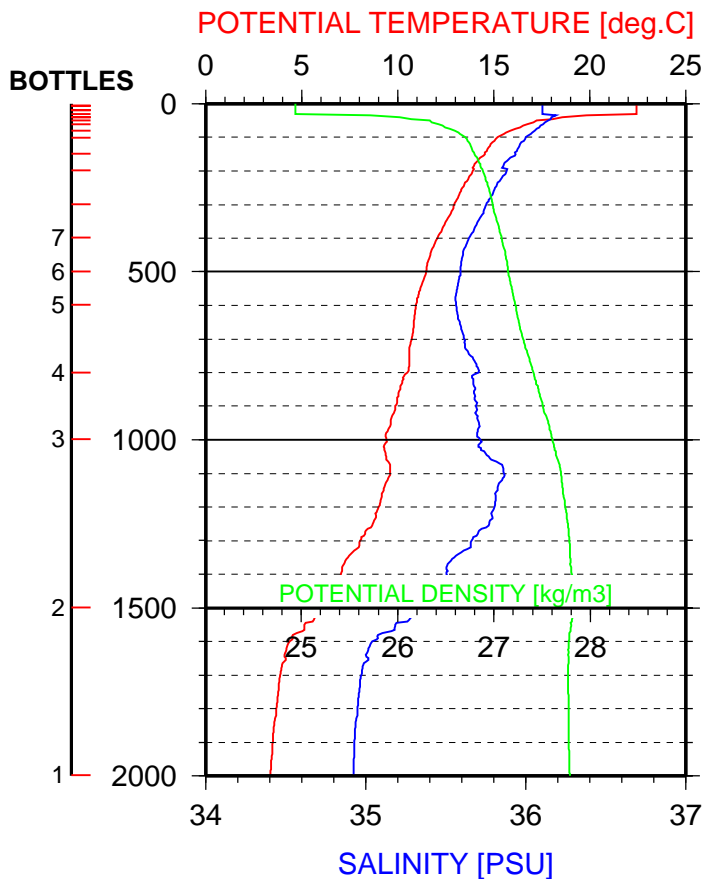
POMME3 - VALID STATION 3042

4 / 9 / 2001 - 22 h 51 m



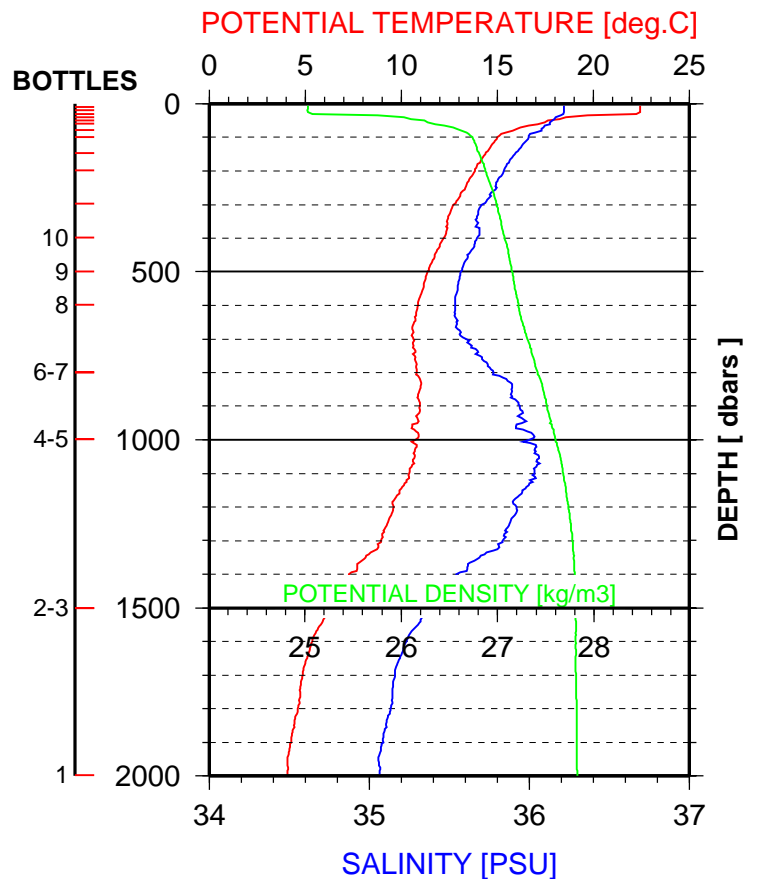
POMME3 - VALID STATION 3043

5 / 9 / 2001 - 3 h 39 m



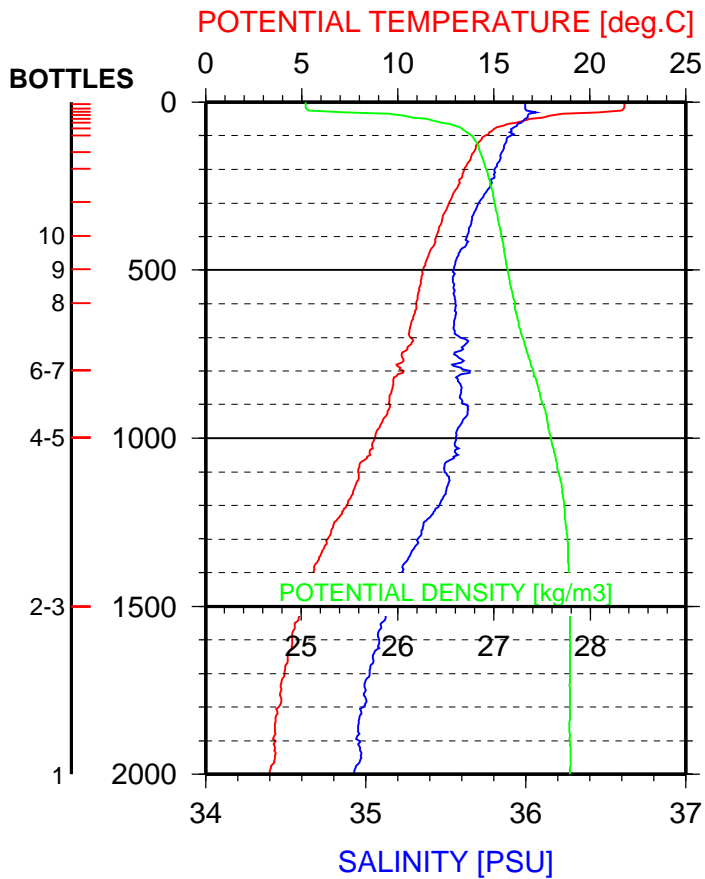
POMME3 - VALID STATION 3044

5 / 9 / 2001 - 9 h 28 m



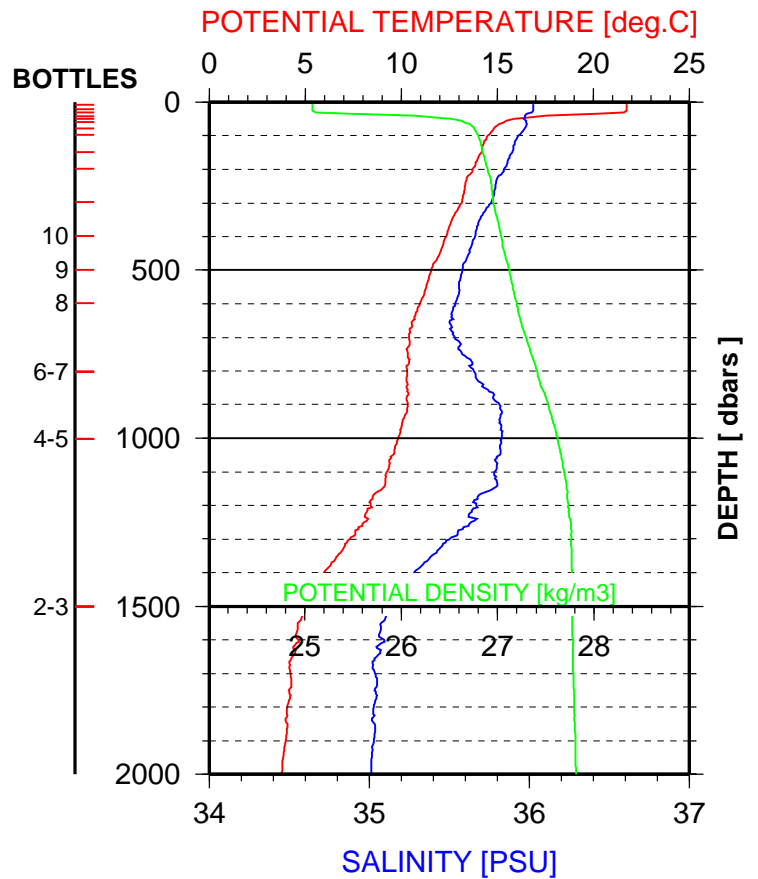
POMME3 - VALID STATION 3045

5 / 9 / 2001 - 14 h 14 m



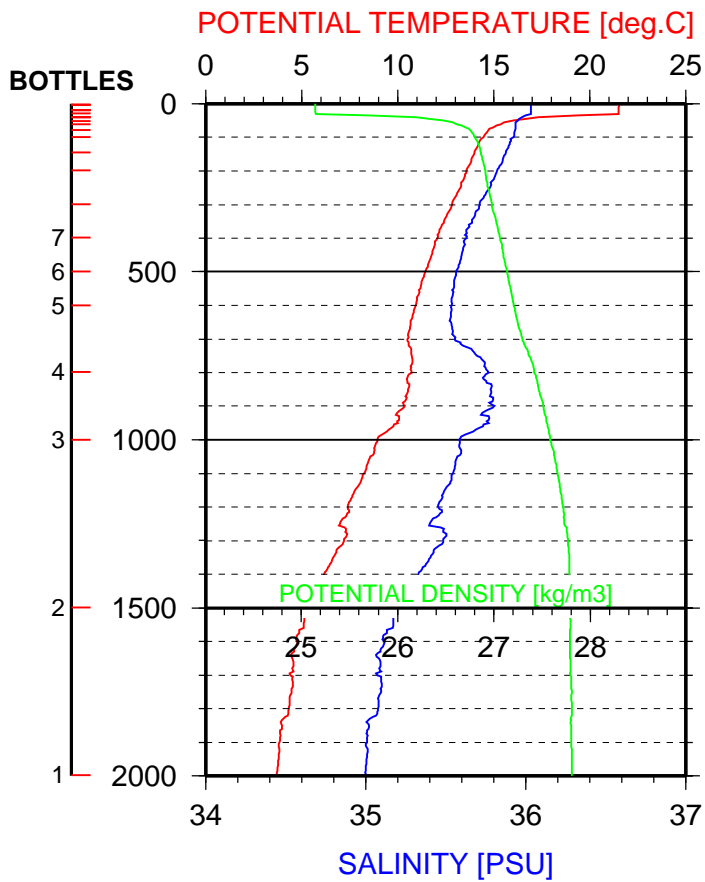
POMME3 - VALID STATION 3046

5 / 9 / 2001 - 19 h 5 m



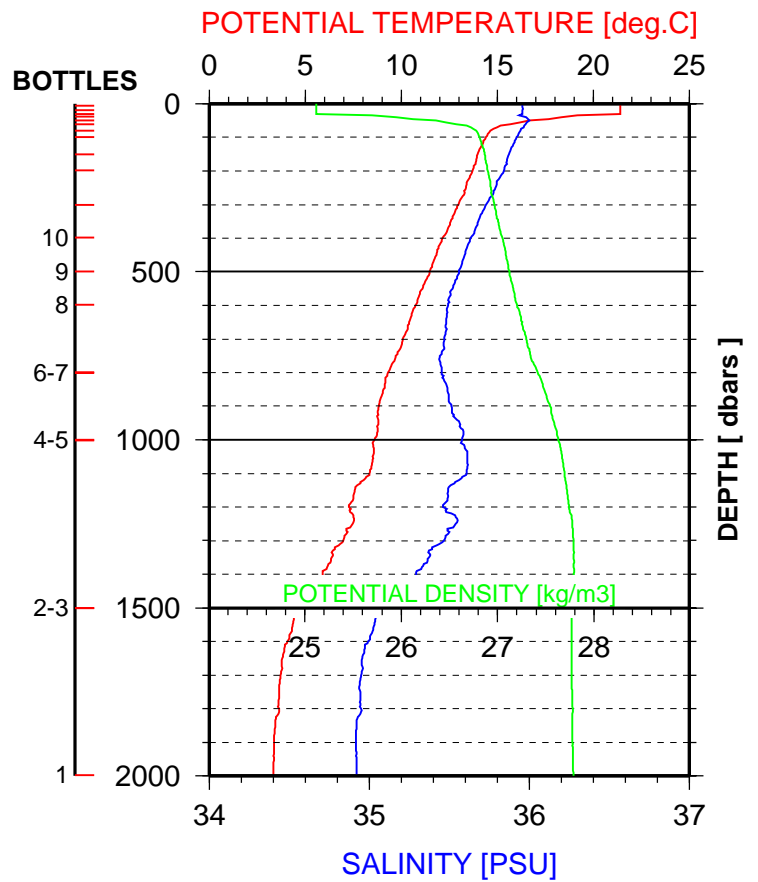
POMME3 - VALID STATION 3047

6 / 9 / 2001 - 0 h 41 m



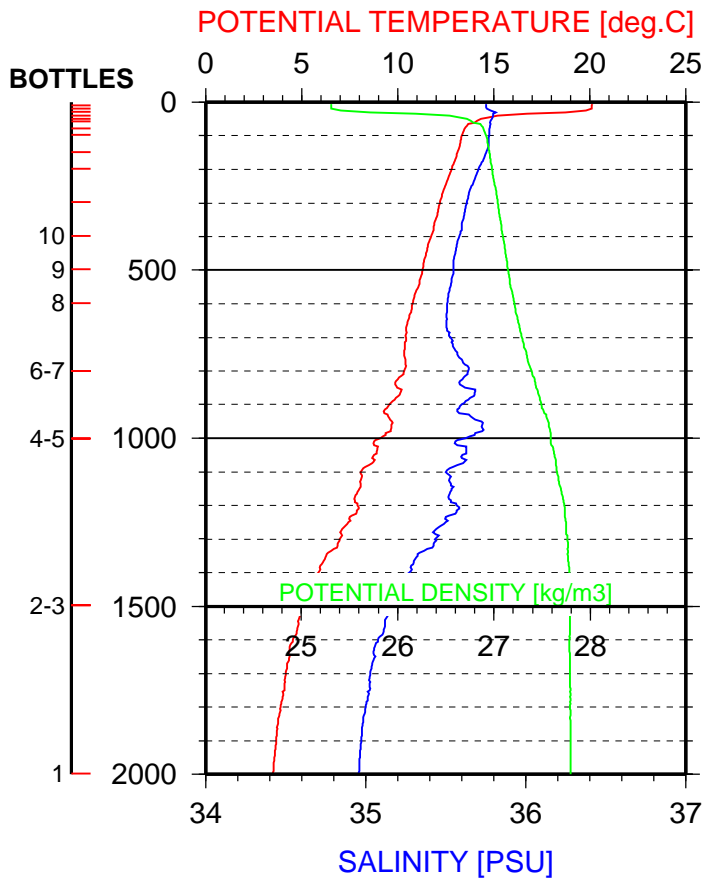
POMME3 - VALID STATION 3048

6 / 9 / 2001 - 5 h 53 m



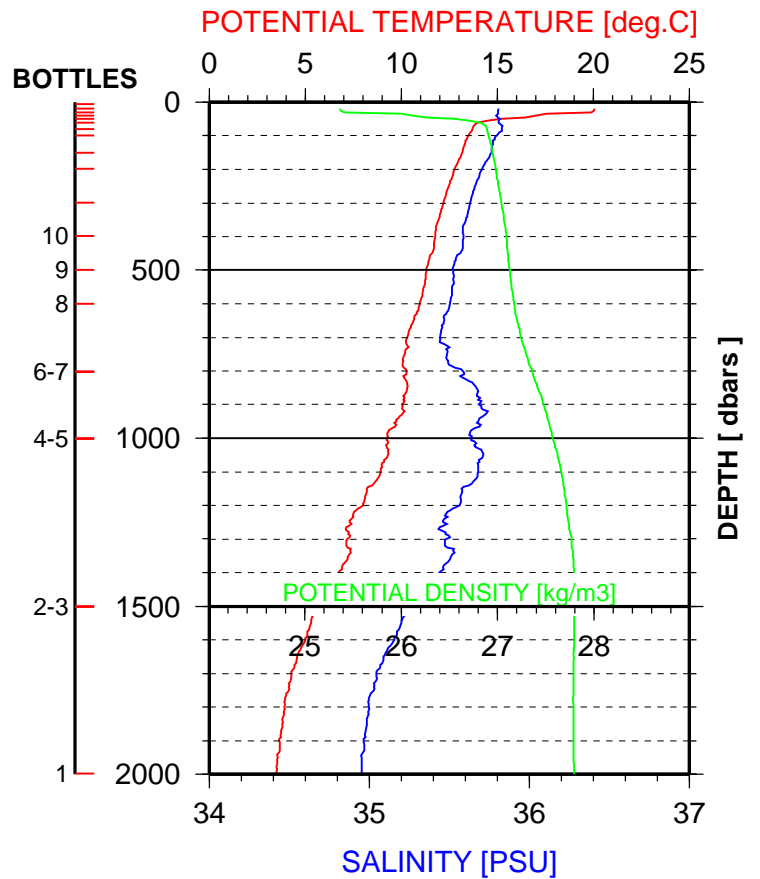
POMME3 - VALID STATION 3049

6 / 9 / 2001 - 10 h 43 m



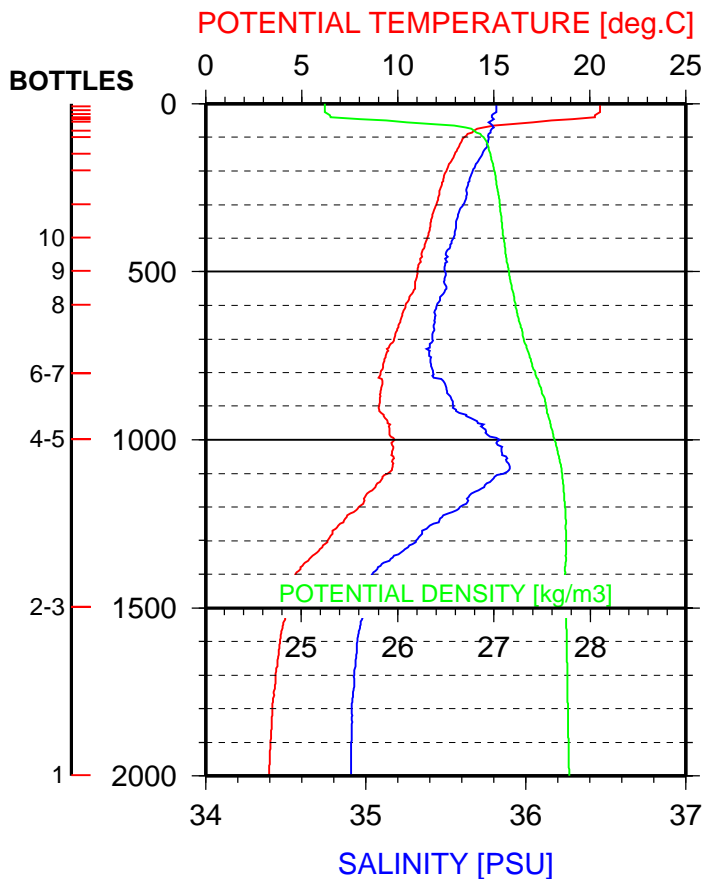
POMME3 - VALID STATION 3050

6 / 9 / 2001 - 16 h 1 m



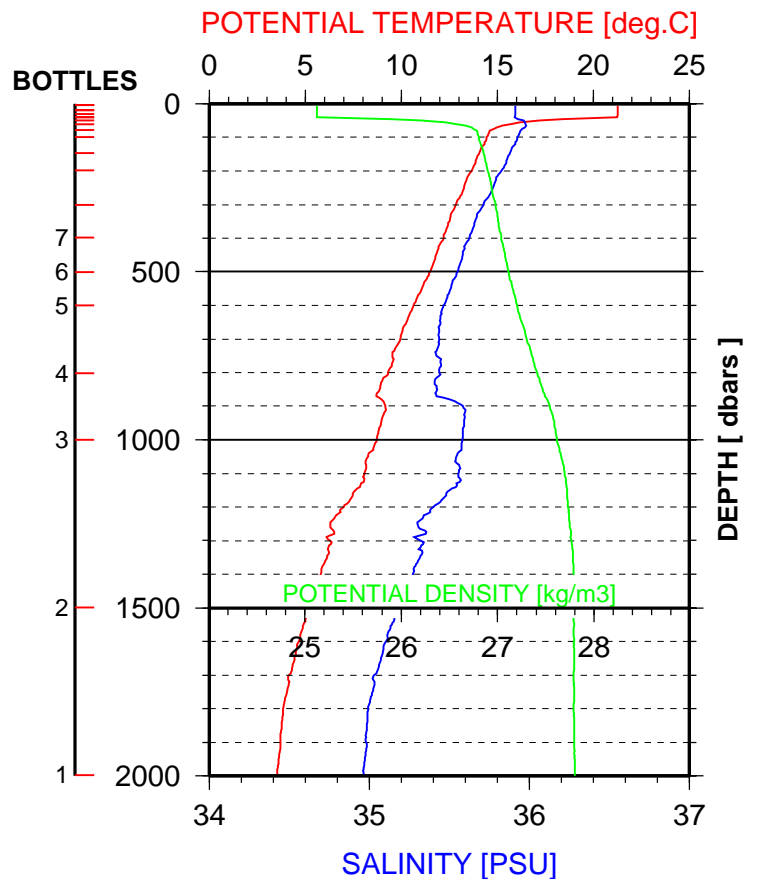
POMME3 - VALID STATION 3051

6 / 9 / 2001 - 20 h 16 m



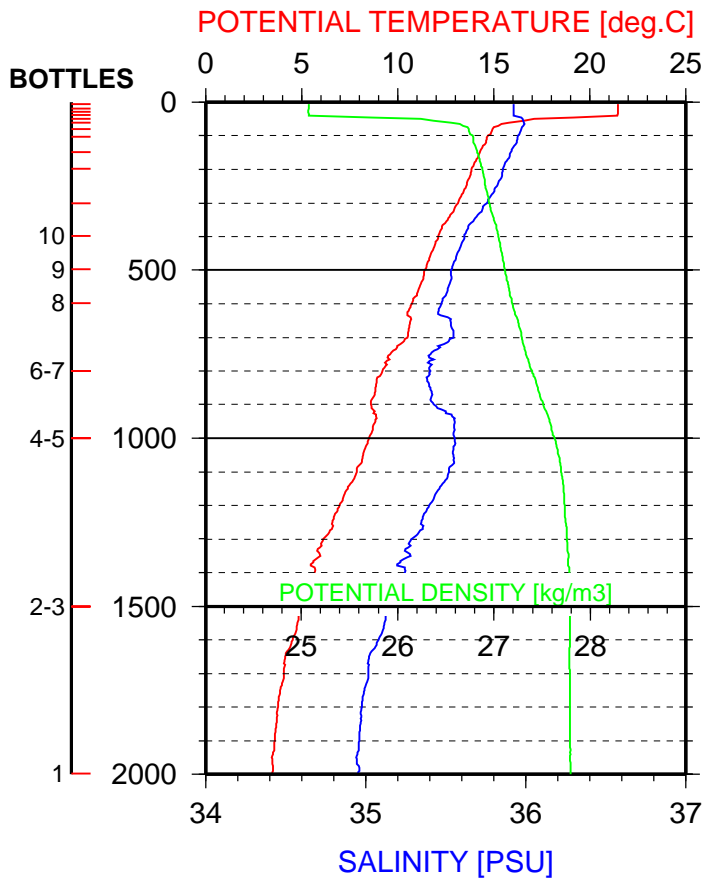
POMME3 - VALID STATION 3052

7 / 9 / 2001 - 1 h 10 m



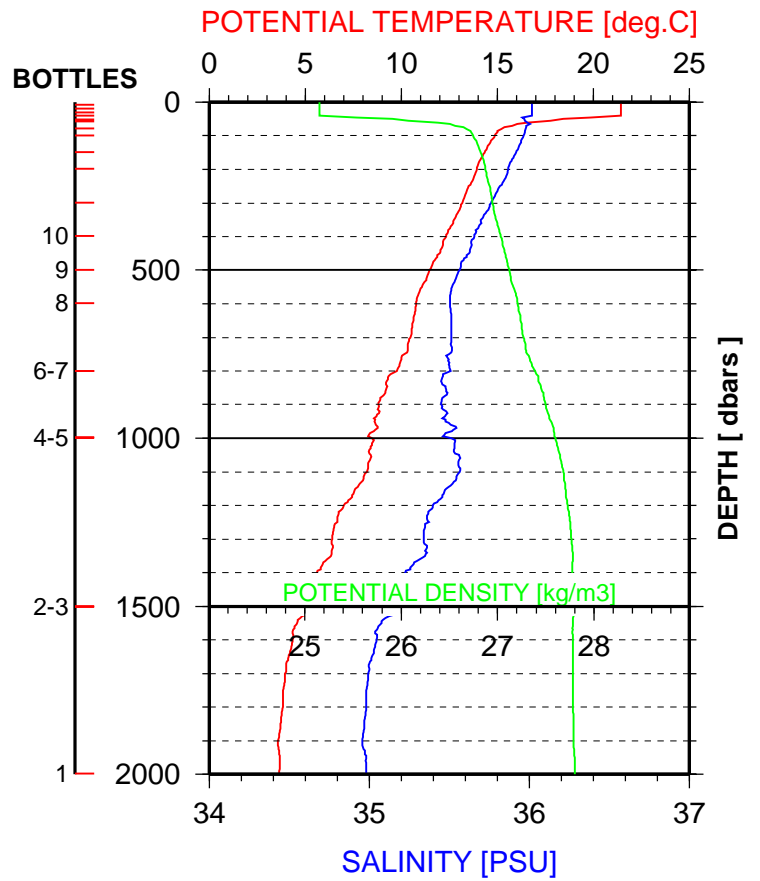
POMME3 - VALID STATION 3053

7 / 9 / 2001 - 15 h 3 m



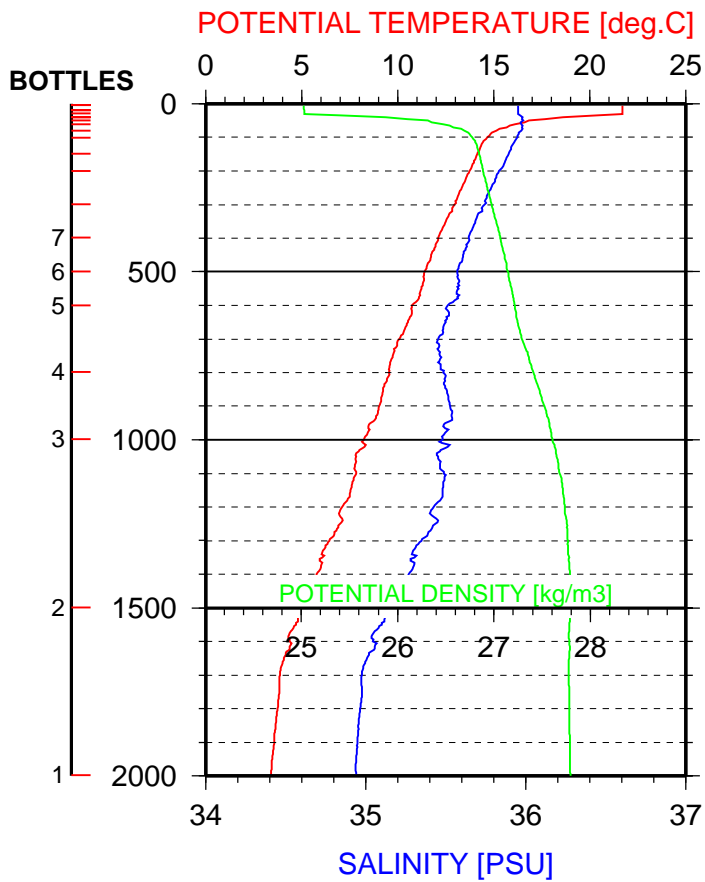
POMME3 - VALID STATION 3054

7 / 9 / 2001 - 19 h 58 m



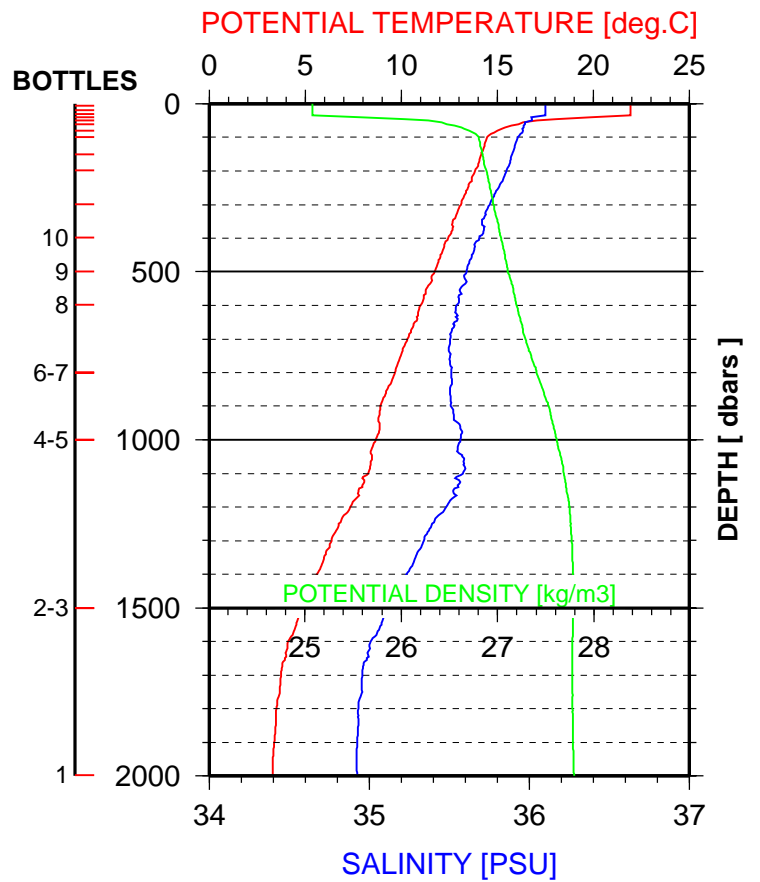
POMME3 - VALID STATION 3055

8 / 9 / 2001 - 0 h 12 m



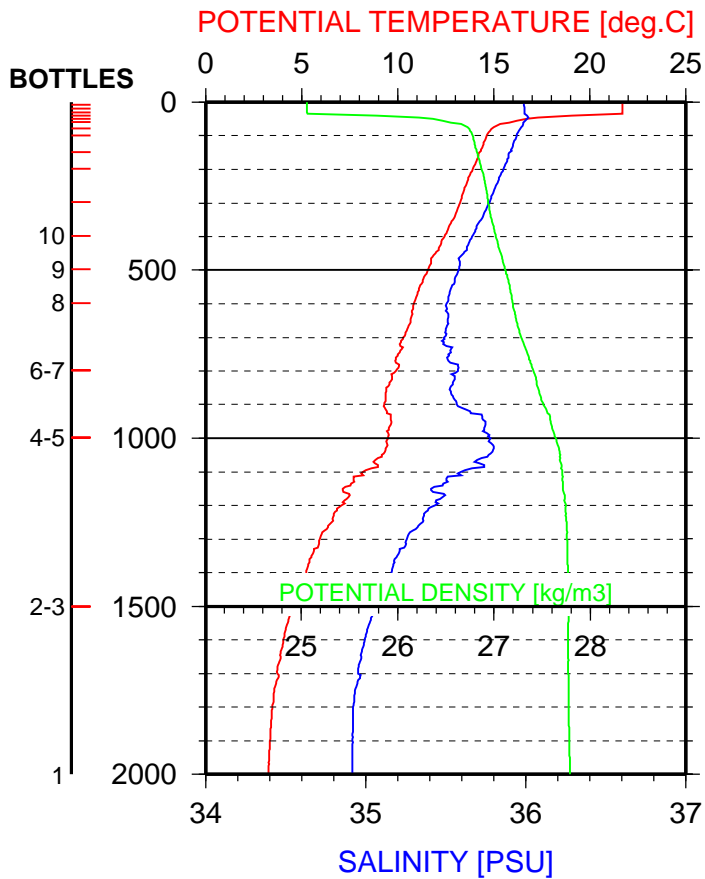
POMME3 - VALID STATION 3056

8 / 9 / 2001 - 5 h 24 m



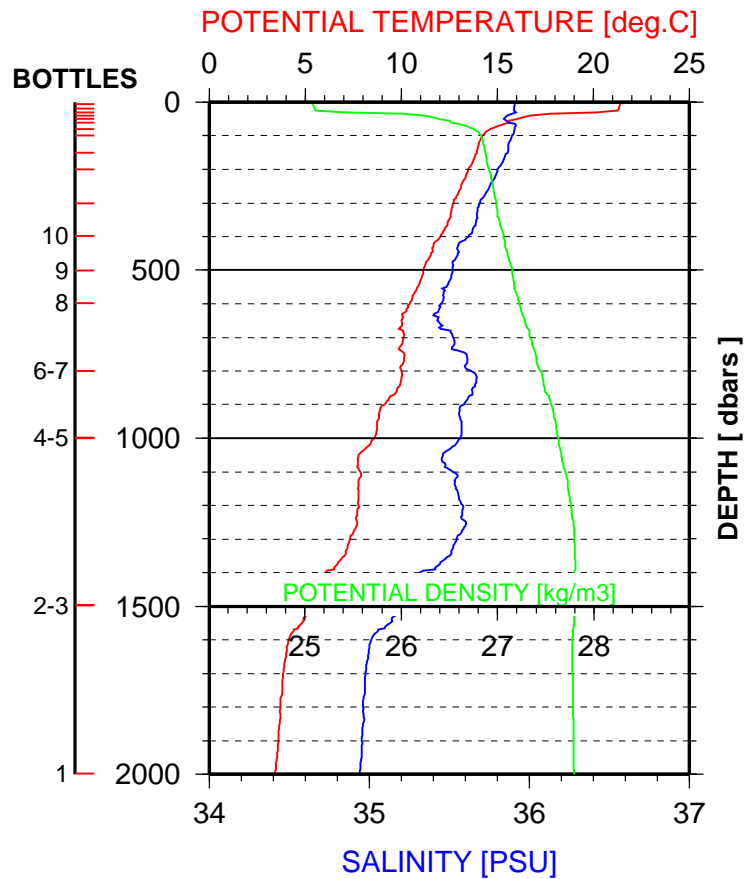
POMME3 - VALID STATION 3057

8 / 9 / 2001 - 9 h 38 m



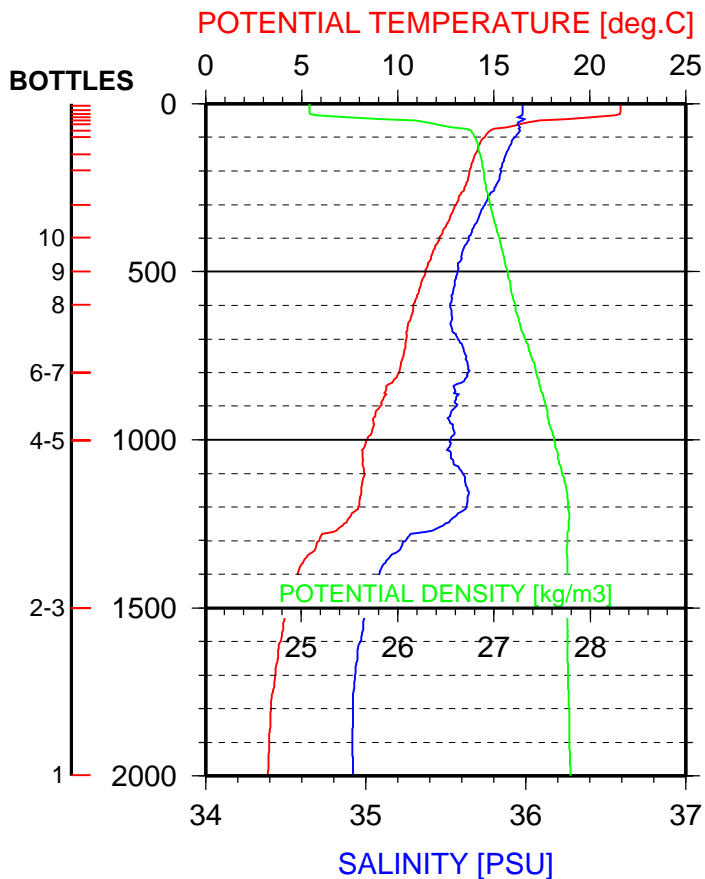
POMME3 - VALID STATION 3058

8 / 9 / 2001 - 14 h 35 m



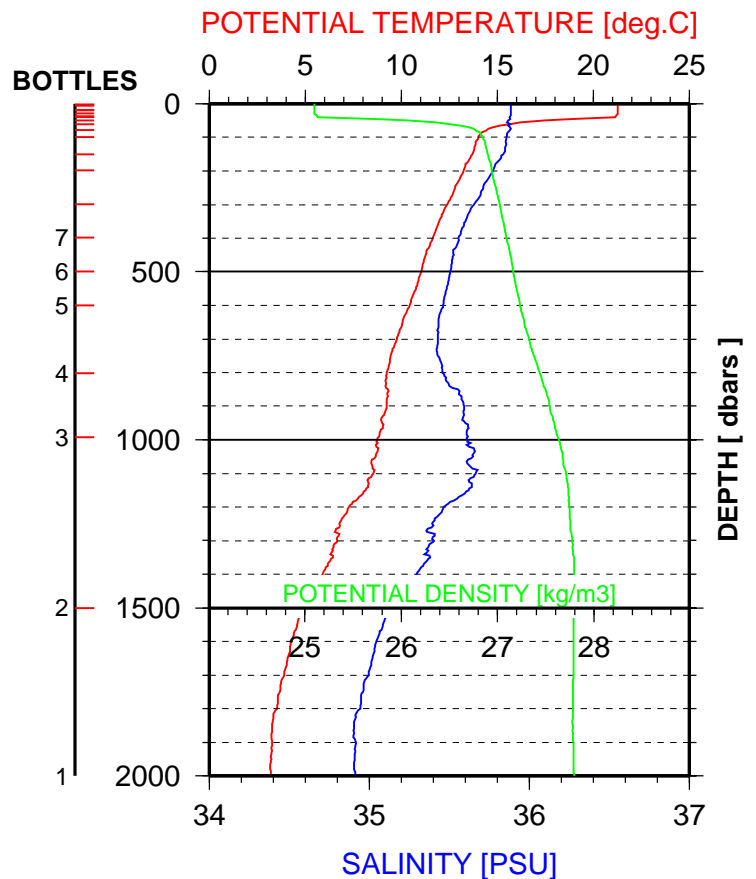
POMME3 - VALID STATION 3059

8 / 9 / 2001 - 18 h 48 m



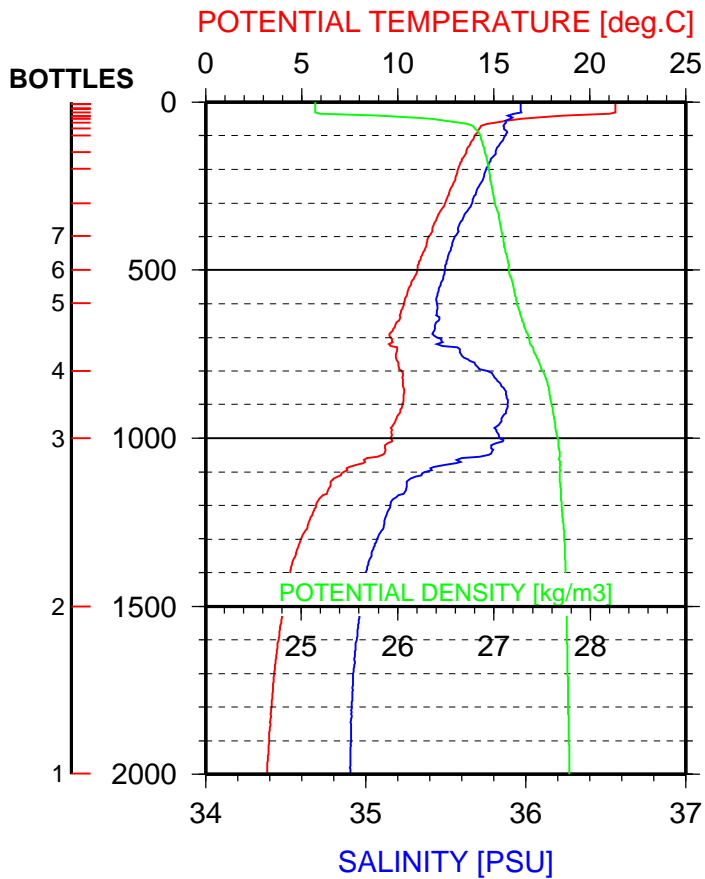
POMME3 - VALID STATION 3060

8 / 9 / 2001 - 23 h 47 m



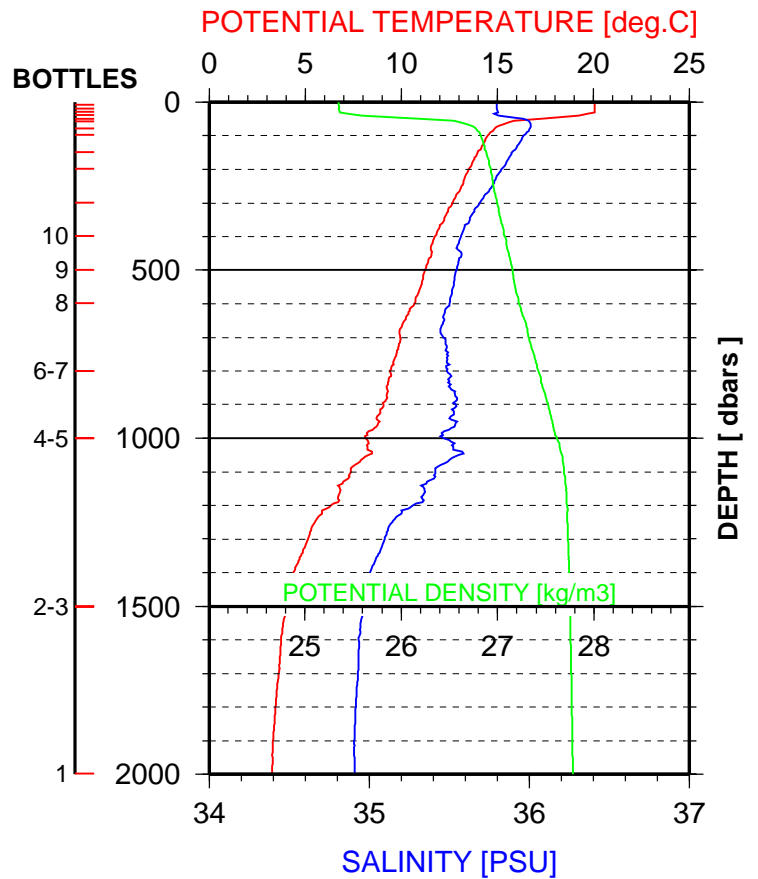
POMME3 - VALID STATION 3061

9 / 9 / 2001 - 4 h 8 m



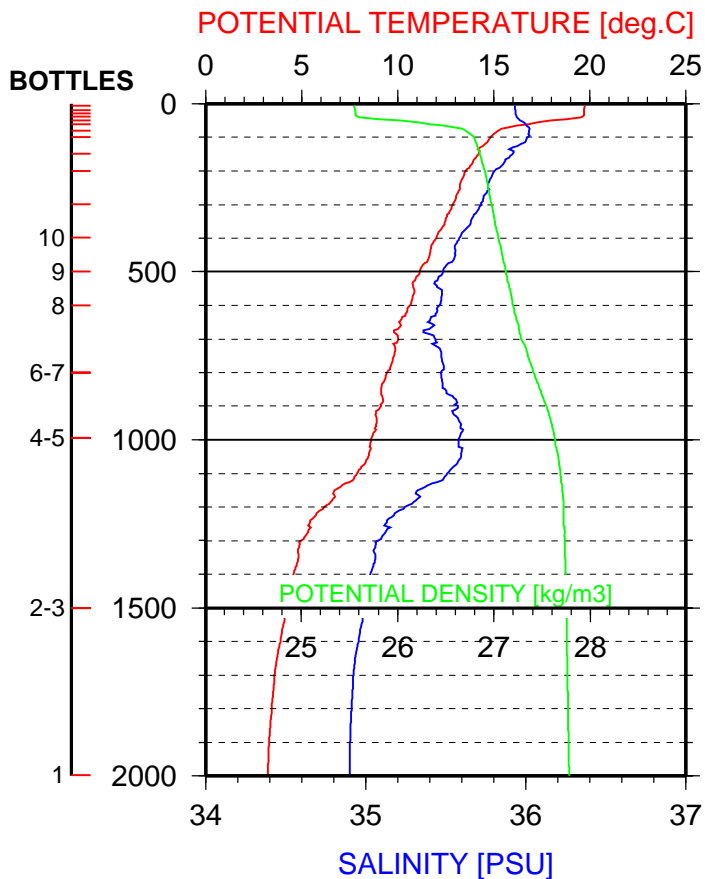
POMME3 - VALID STATION 3062

9 / 9 / 2001 - 8 h 54 m



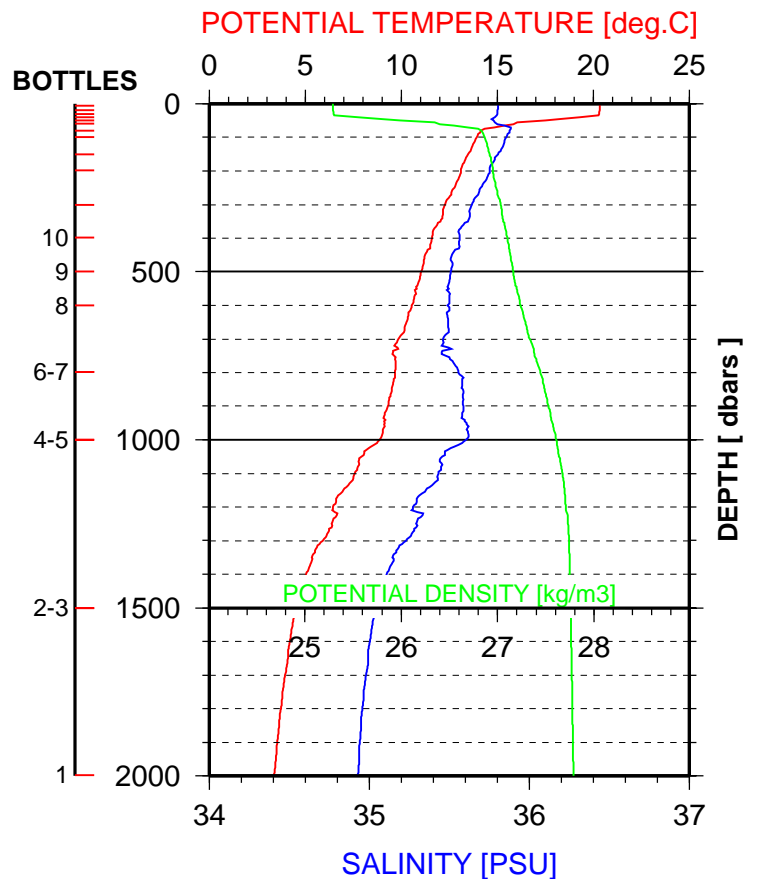
POMME3 - VALID STATION 3063

9 / 9 / 2001 - 13 h 10 m



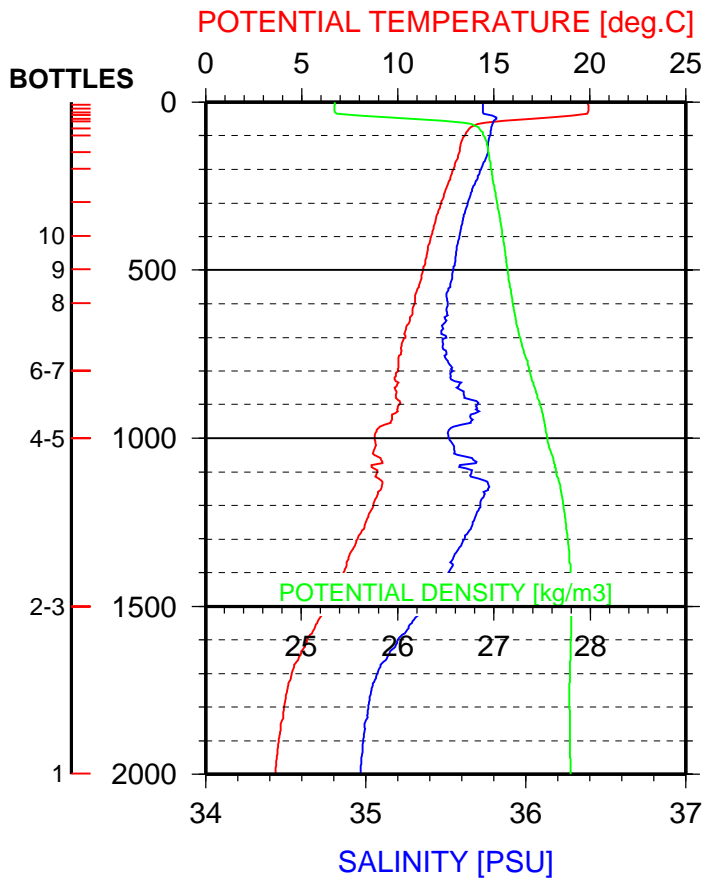
POMME3 - VALID STATION 3064

9 / 9 / 2001 - 18 h 14 m



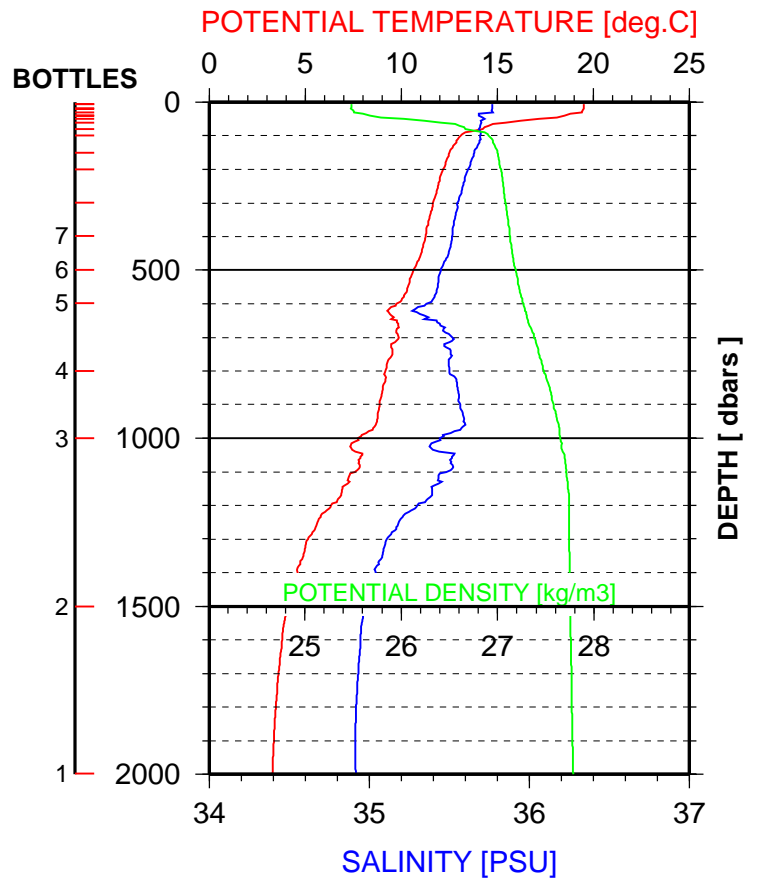
POMME3 - VALID STATION 3065

9 / 9 / 2001 - 22 h 17 m



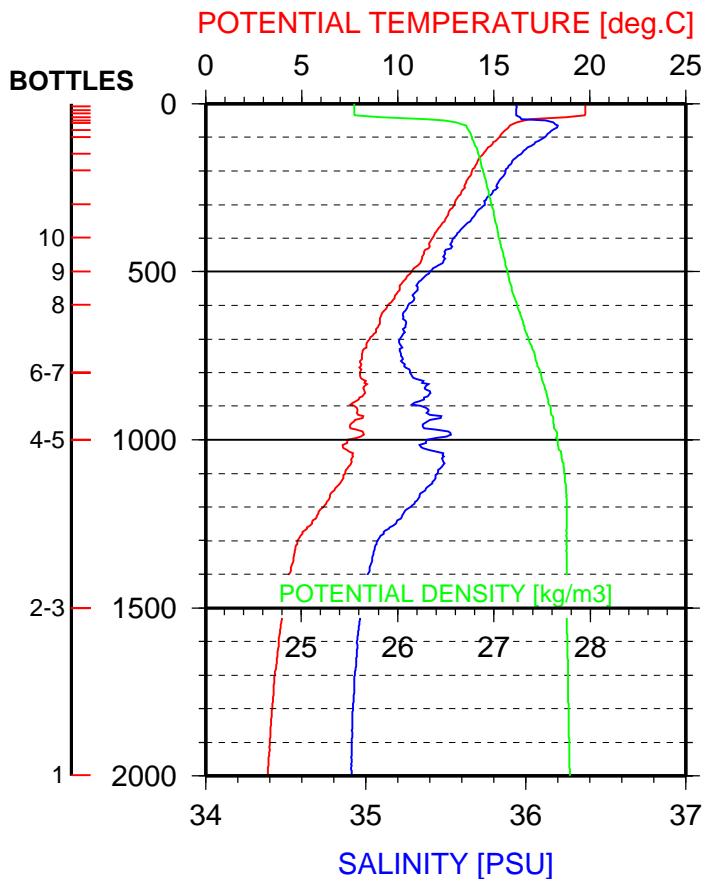
POMME3 - VALID STATION 3066

10 / 9 / 2001 - 3 h 30 m



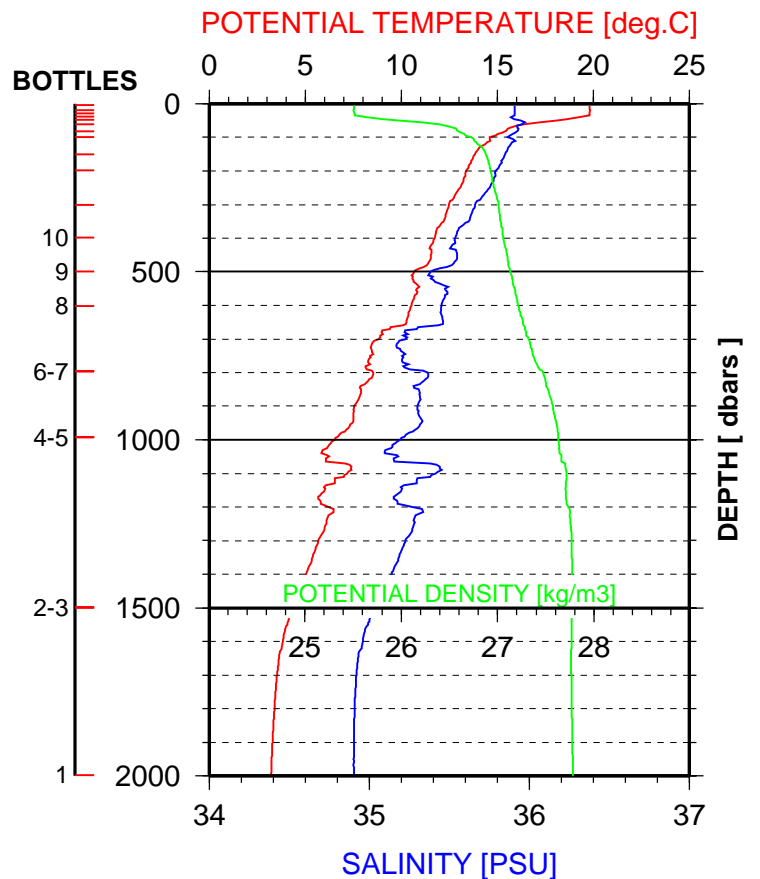
POMME3 - VALID STATION 3067

10 / 9 / 2001 - 8 h 14 m



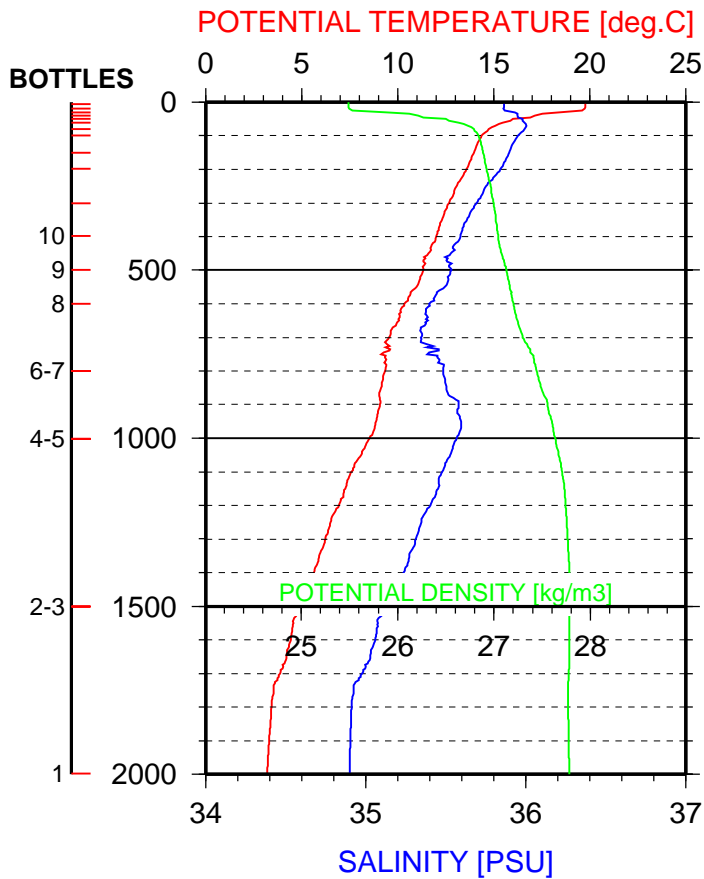
POMME3 - VALID STATION 3068

10 / 9 / 2001 - 14 h 25 m



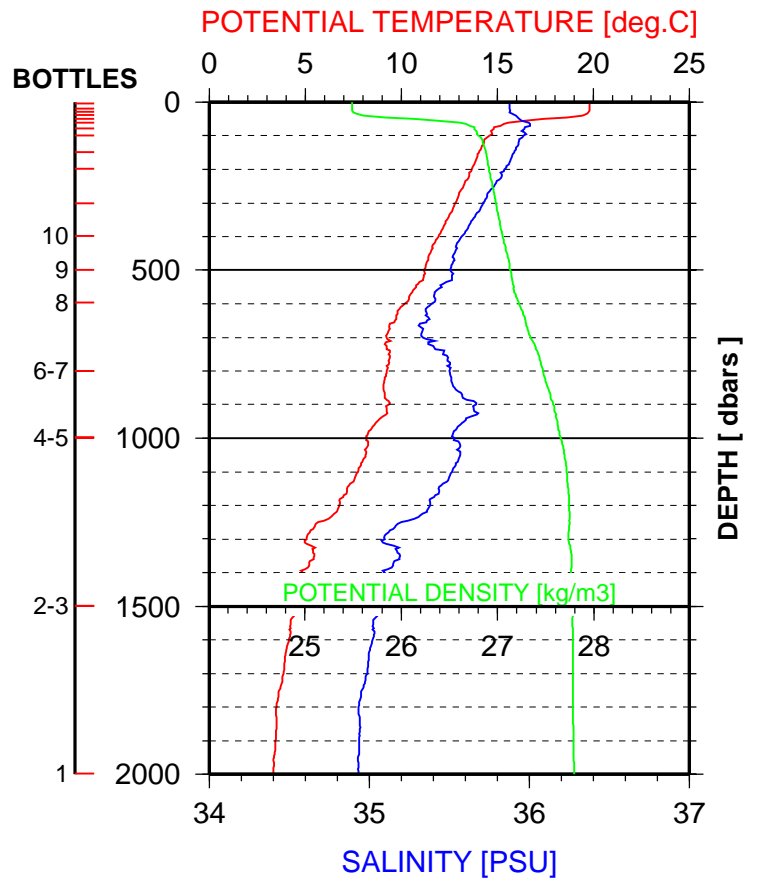
POMME3 - VALID STATION 3069

10 / 9 / 2001 - 18 h 53 m



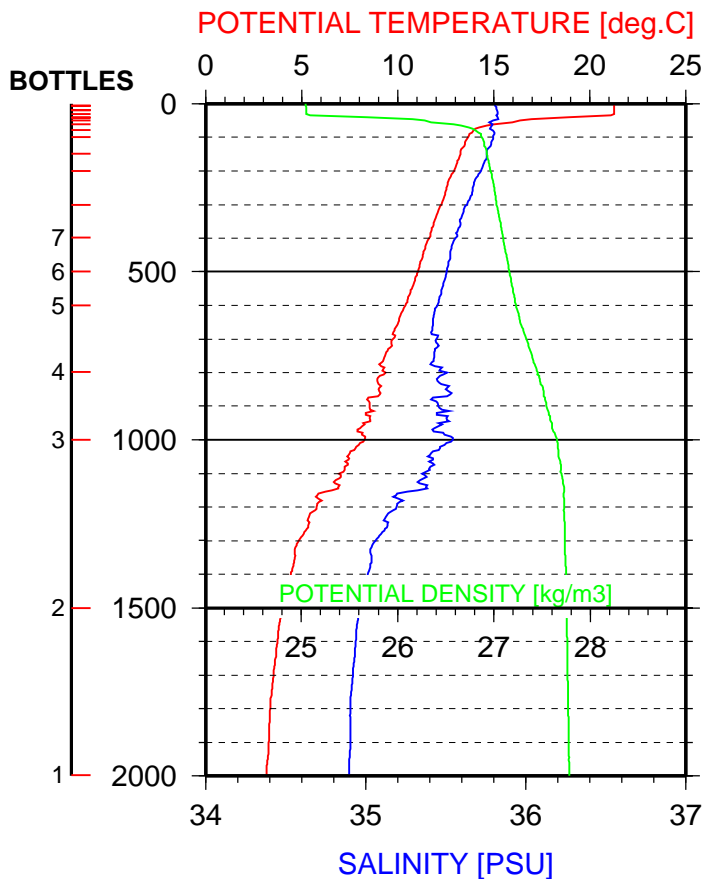
POMME3 - VALID STATION 3070

10 / 9 / 2001 - 23 h 48 m



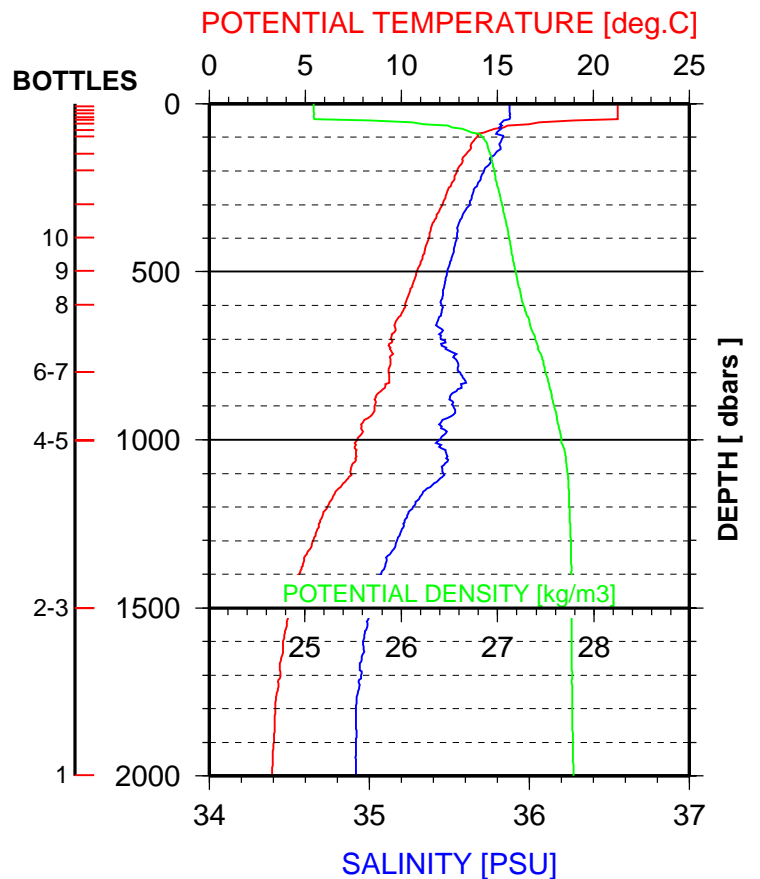
POMME3 - VALID STATION 3071

11 / 9 / 2001 - 4 h 9 m



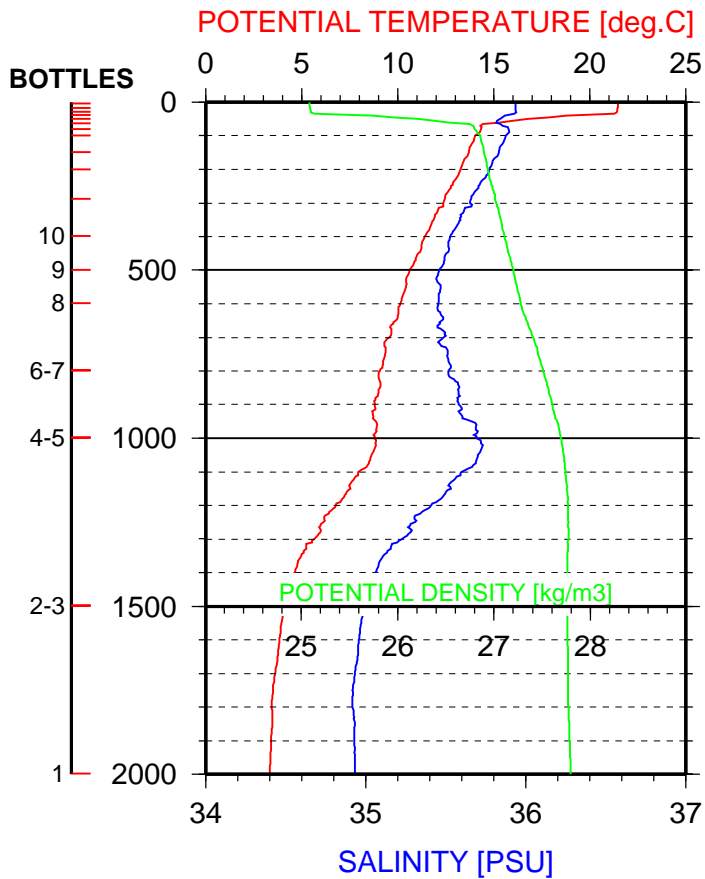
POMME3 - VALID STATION 3072

11 / 9 / 2001 - 9 h 0 m



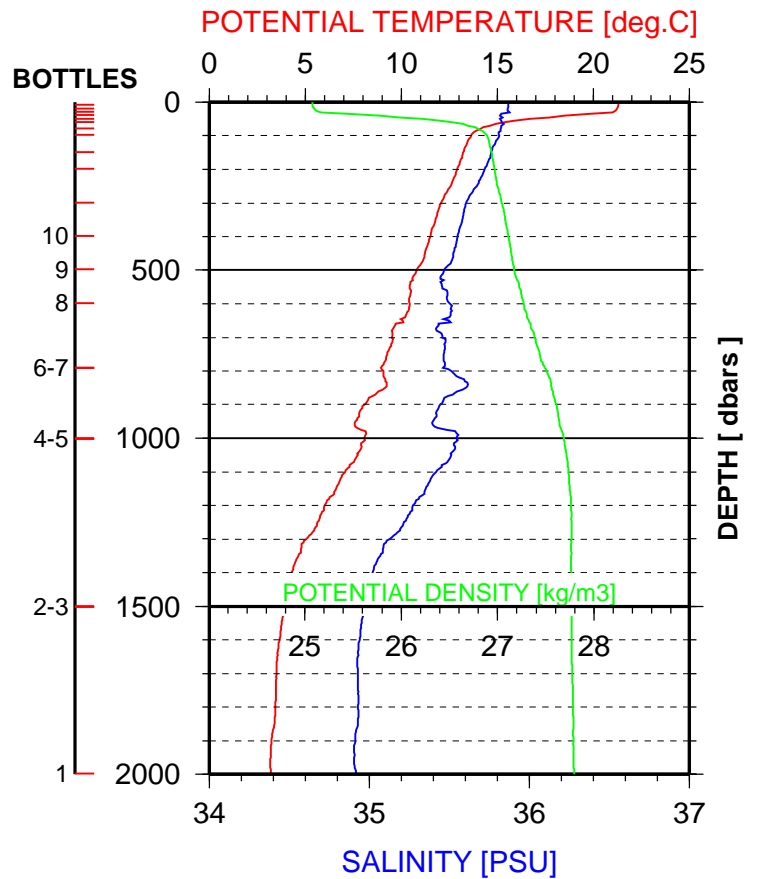
POMME3 - VALID STATION 3073

11 / 9 / 2001 - 14 h 1 m



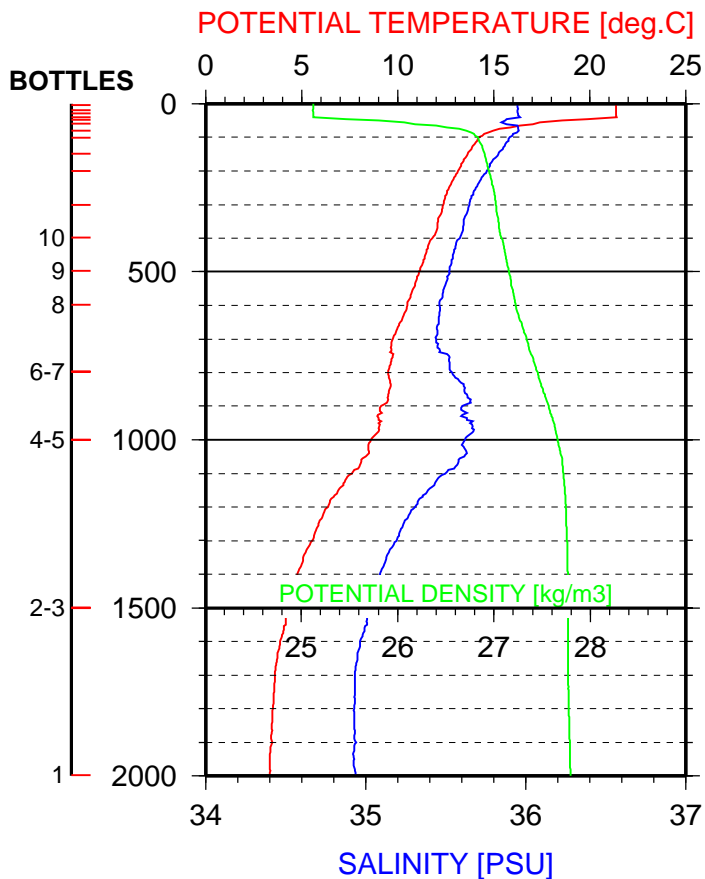
POMME3 - VALID STATION 3074

11 / 9 / 2001 - 19 h 8 m



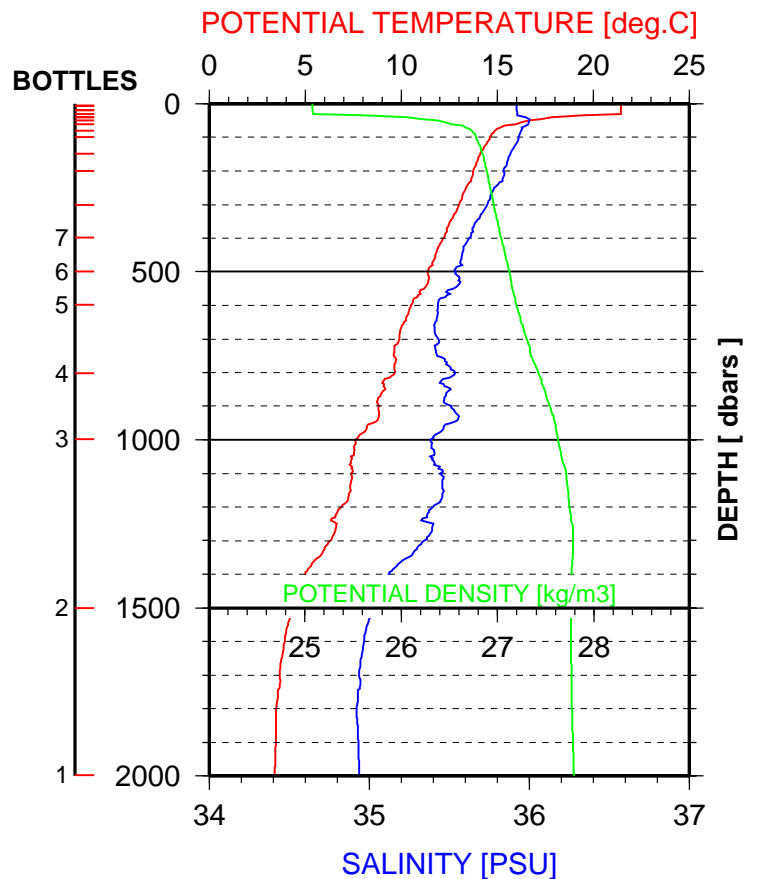
POMME3 - VALID STATION 3075

11 / 9 / 2001 - 23 h 8 m



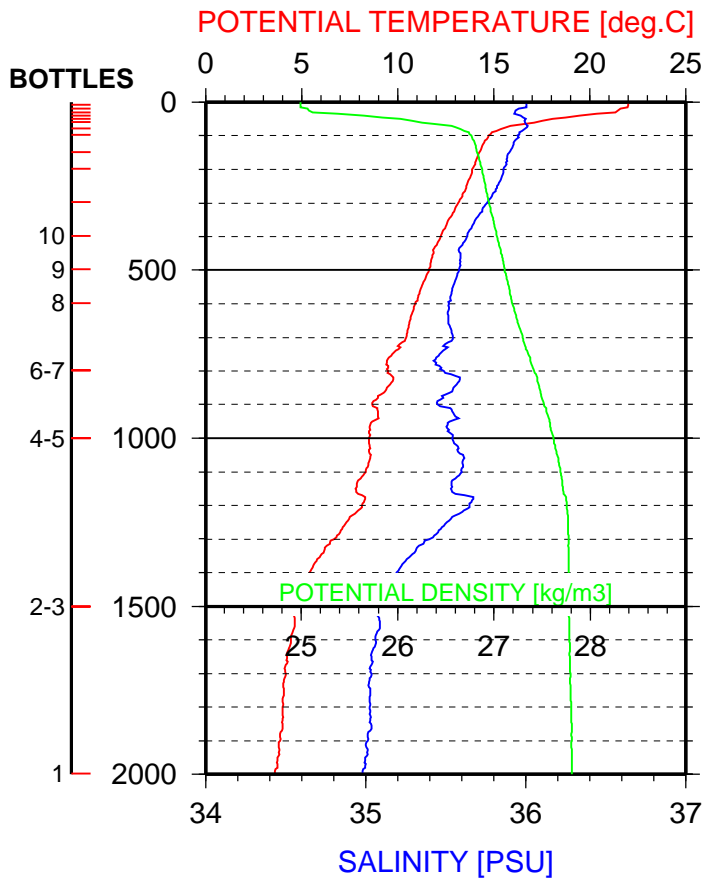
POMME3 - VALID STATION 3076

12 / 9 / 2001 - 4 h 16 m



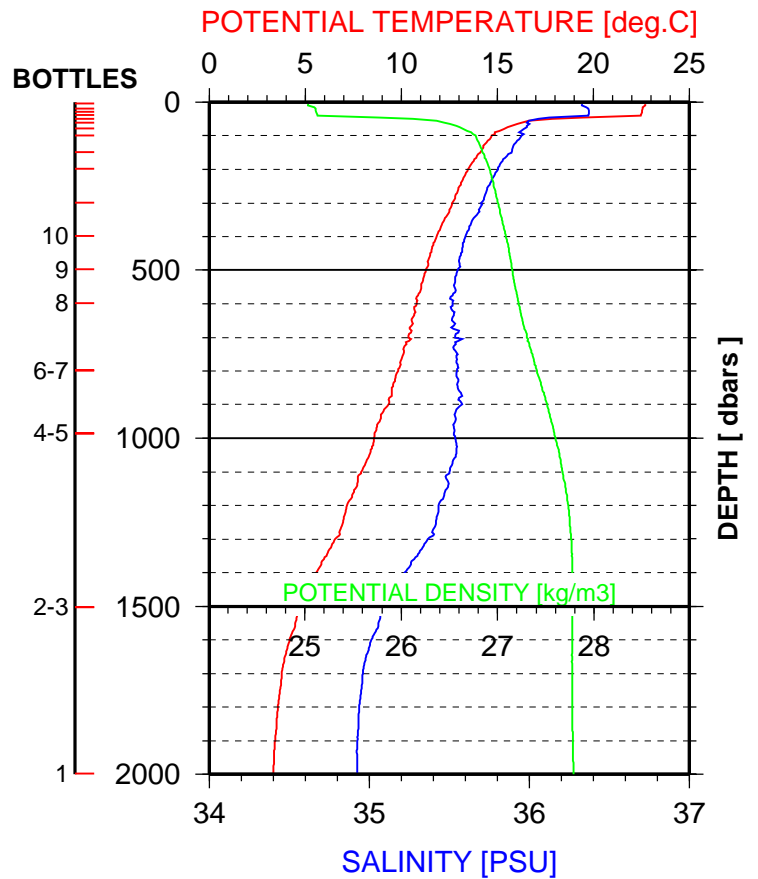
POMME3 - VALID STATION 3077

12 / 9 / 2001 - 8 h 37 m



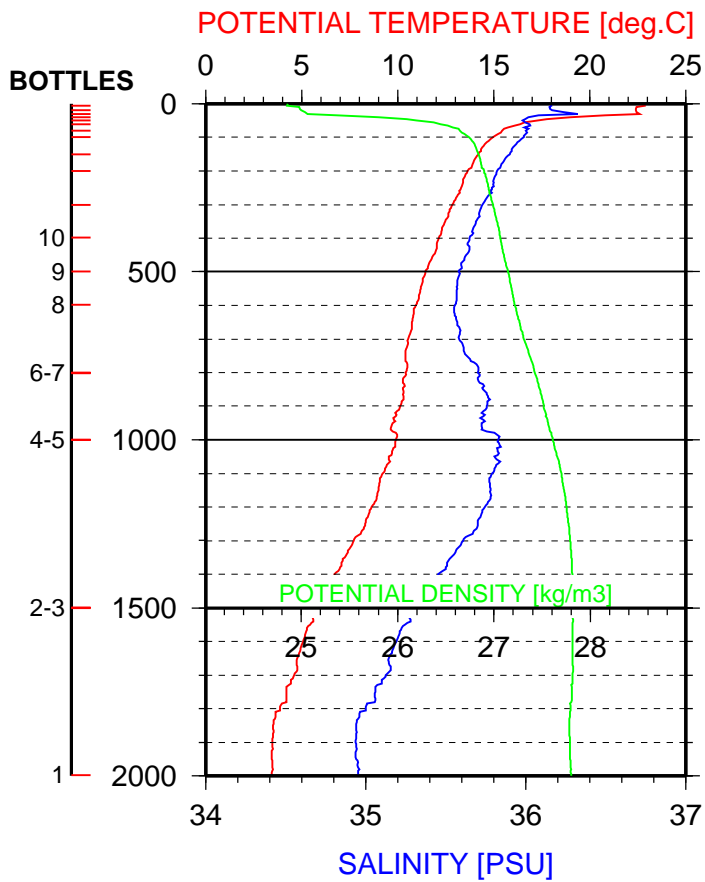
POMME3 - VALID STATION 3078

12 / 9 / 2001 - 13 h 34 m



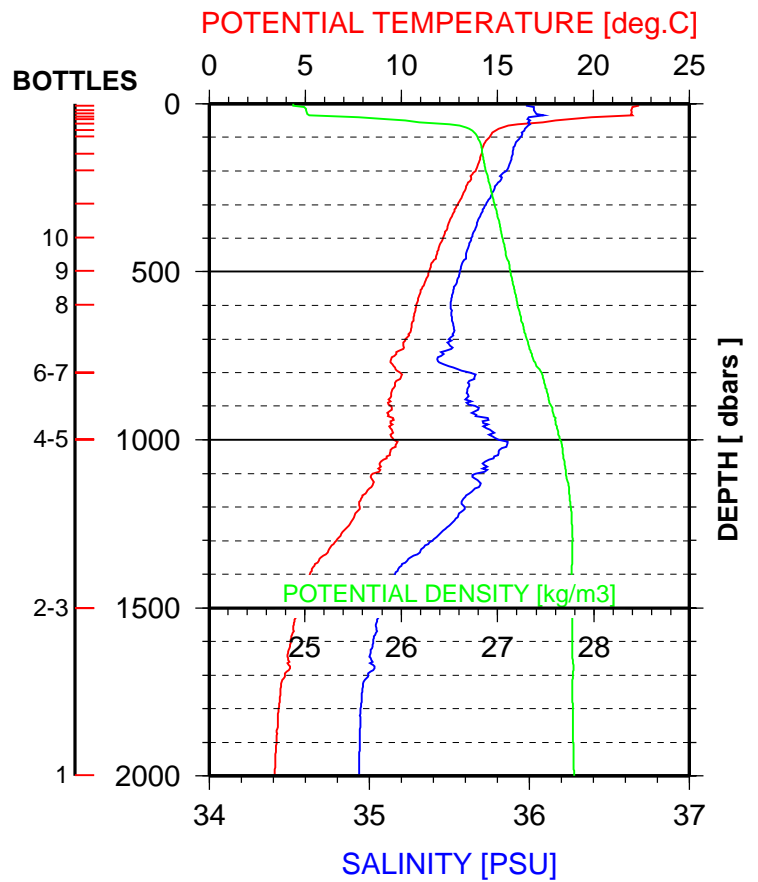
POMME3 - VALID STATION 3079

12 / 9 / 2001 - 17 h 53 m



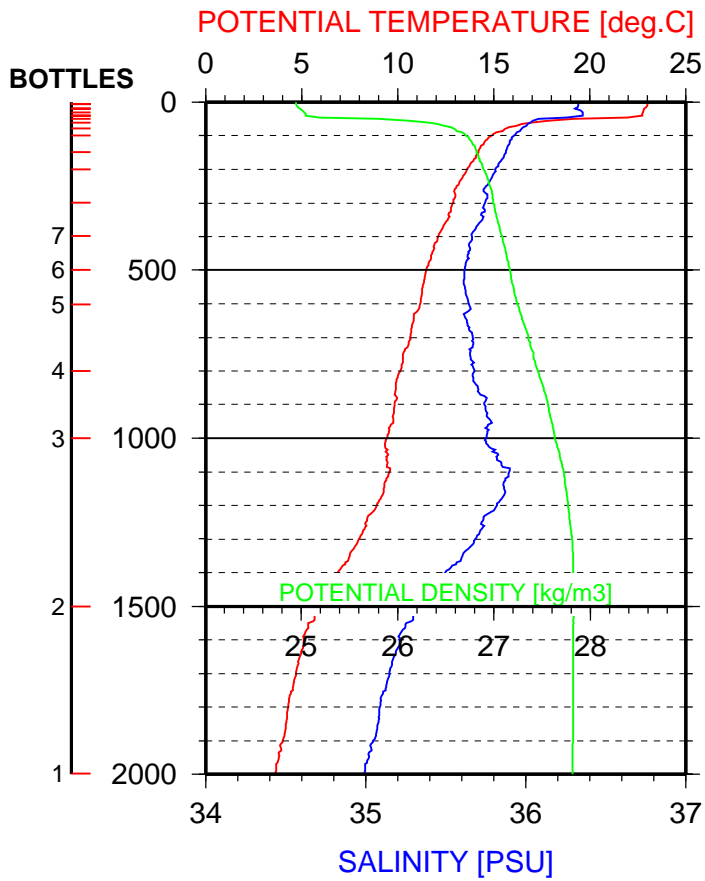
POMME3 - VALID STATION 3080

12 / 9 / 2001 - 22 h 49 m



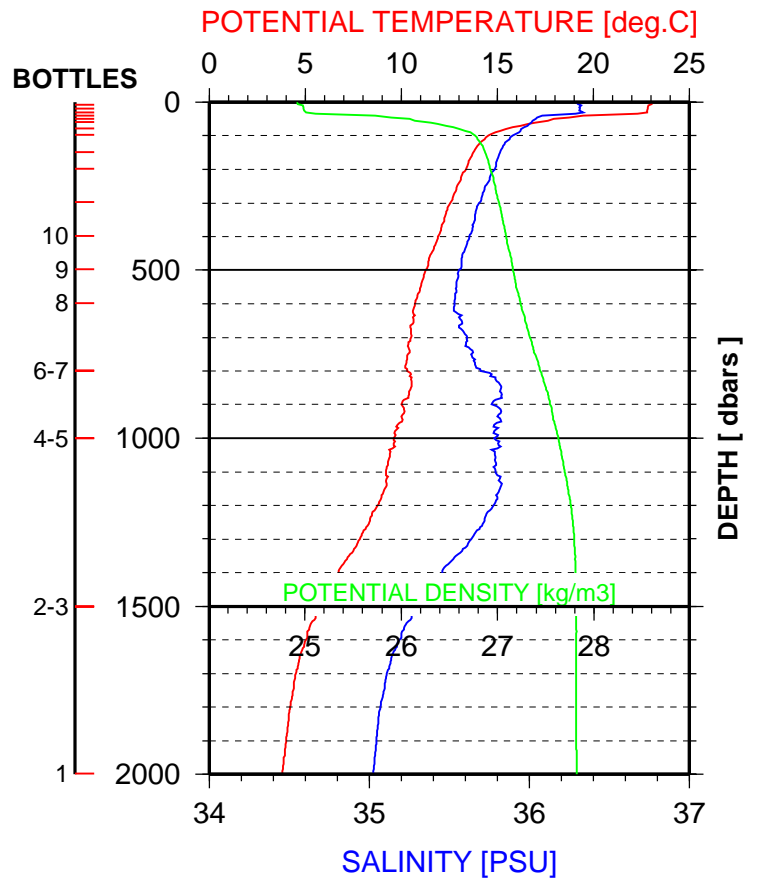
POMME3 - VALID STATION 3081

13 / 9 / 2001 - 3 h 7 m



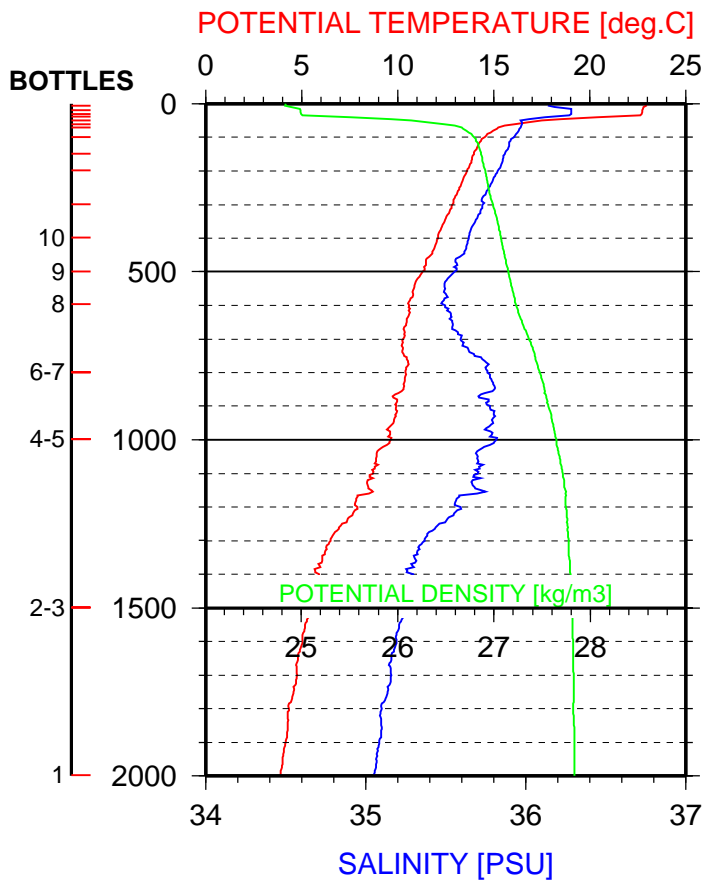
POMME3 - VALID STATION 3082

13 / 9 / 2001 - 7 h 53 m



POMME3 - VALID STATION 3083

13 / 9 / 2001 - 13 h 13 m



POMME 2001
18 Septembre – 8 Octobre

Thalassa

Pomme 3 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 3 - LEG2

18 Septembre - 8 Octobre 2001

THALASSA

LISTING STATIONS

L.PRIEUR - J.RAUNET

FICHER	STAT	DATE	D/M	LONGITUDE	LATITUDE	HEURE DEB	HEURE FIN	N.SEQ	PMIN	PMAX	CAMPAGNE	NAVIRE
asc3084	84	18/ 9/	1 1	21.07025 W	39.18774 N	16h 7m 0s	16h 31m 0s	1001	3.0	1003.0	POMME3 LEG2	THALASSA
asc3085	85	19/ 9/	1 1	19.19804 W	40.00322 N	4h 15m 0s	4h 43m 0s	1500	3.0	1502.0	POMME3 LEG2	THALASSA
asc3086	86	19/ 9/	1 1	19.19939 W	39.59866 N	6h 36m 0s	6h 44m 0s	199	4.0	202.0	POMME3 LEG2	THALASSA
asc3087	87	19/ 9/	1 1	19.20236 W	39.59759 N	10h 31m 10s	11h 1m 0s	1499	4.0	1502.0	POMME3 LEG2	THALASSA
asc3088	88	19/ 9/	1 1	19.19779 W	40.02206 N	17h 42m 10s	18h 0m 0s	999	5.0	1003.0	POMME3 LEG2	THALASSA
asc3089	89	19/ 9/	1 1	19.20528 W	40.02648 N	21h 27m 0s	21h 59m 0s	1498	4.0	1501.0	POMME3 LEG2	THALASSA
asc3090	90	19/ 9/	1 1	19.20923 W	40.02775 N	23h 28m 37s	23h 33m 0s	92	3.0	94.0	POMME3 LEG2	THALASSA
asc3091	91	20/ 9/	1 1	19.20999 W	40.02933 N	0h 3m 42s	0h 25m 0s	999	4.0	1002.0	POMME3 LEG2	THALASSA
asc3092	92	20/ 9/	1 1	19.21444 W	40.03592 N	2h 35m 0s	2h 45m 0s	401	3.0	403.0	POMME3 LEG2	THALASSA
asc3093	93	20/ 9/	1 1	19.20777 W	40.03829 N	3h 49m 0s	3h 54m 0s	203	3.0	205.0	POMME3 LEG2	THALASSA
asc3094	94	20/ 9/	1 1	19.20717 W	40.03894 N	5h 15m 0s	5h 20m 0s	198	5.0	202.0	POMME3 LEG2	THALASSA
asc3095	95	20/ 9/	1 1	19.20842 W	40.03847 N	6h 50m 0s	7h 5m 0s	797	6.0	802.0	POMME3 LEG2	THALASSA
asc3096	96	20/ 9/	1 1	19.20598 W	40.04336 N	8h 56m 0s	9h 0m 0s	200	4.0	203.0	POMME3 LEG2	THALASSA
asc3097	97	20/ 9/	1 1	19.21322 W	40.05040 N	12h 41m 56s	13h 14m 0s	1493	3.0	1495.0	POMME3 LEG2	THALASSA
asc3098	98	20/ 9/	1 1	19.22282 W	40.05569 N	20h 30m 0s	21h 12m 41s	1504	4.0	1507.0	POMME3 LEG2	THALASSA
asc3155	155	23/ 9/	1 1	19.50129 W	42.09960 N	3h 6m 0s	3h 33m 0s	1500	3.0	1502.0	POMME3 LEG2	THALASSA
asc3156	156	23/ 9/	1 1	19.50175 W	42.10666 N	8h 1m 0s	8h 7m 0s	199	4.0	202.0	POMME3 LEG2	THALASSA
asc3157	157	23/ 9/	1 1	19.50804 W	42.11315 N	9h 56m 0s	10h 25m 11s	1508	4.0	1511.0	POMME3 LEG2	THALASSA
asc3158	158	23/ 9/	1 1	19.50705 W	42.11504 N	15h 2m 50s	15h 22m 0s	1056	3.0	1058.0	POMME3 LEG2	THALASSA
asc3159	159	23/ 9/	1 1	19.50536 W	42.11816 N	17h 48m 21s	18h 15m 6s	1501	4.0	1504.0	POMME3 LEG2	THALASSA
asc3160	160	23/ 9/	1 1	19.50580 W	42.12517 N	20h 51m 39s	21h 9m 0s	1005	4.0	1008.0	POMME3 LEG2	THALASSA
asc3161	161	24/ 9/	1 1	19.51152 W	42.13261 N	1h 33m 0s	1h 41m 0s	406	4.0	409.0	POMME3 LEG2	THALASSA
asc3162	162	24/ 9/	1 1	19.51144 W	42.13617 N	2h 43m 0s	2h 49m 0s	201	4.0	204.0	POMME3 LEG2	THALASSA
asc3163	163	24/ 9/	1 1	19.51407 W	42.13574 N	4h 1m 0s	4h 6m 0s	199	4.0	202.0	POMME3 LEG2	THALASSA
asc3164	164	24/ 9/	1 1	19.51087 W	42.14443 N	5h 40m 0s	5h 56m 0s	805	3.0	807.0	POMME3 LEG2	THALASSA
asc3165	165	24/ 9/	1 1	19.51701 W	42.15042 N	8h 25m 0s	8h 30m 0s	199	6.0	204.0	POMME3 LEG2	THALASSA
asc3166	166	24/ 9/	1 1	19.51119 W	42.15259 N	12h 12m 25s	12h 42m 0s	1497	4.0	1500.0	POMME3 LEG2	THALASSA
asc3167	167	24/ 9/	1 1	19.51320 W	42.16866 N	19h 45m 50s	20h 19m 0s	1498	4.0	1501.0	POMME3 LEG2	THALASSA
asc3168	168	25/ 9/	1 1	19.52177 W	42.19410 N	9h 50m 0s	10h 26m 0s	1999	6.0	2004.0	POMME3 LEG2	THALASSA
asc3238	238	27/ 9/	1 1	22.04045 W	41.24013 N	2h 0m 0s	2h 6m 0s	199	6.0	204.0	POMME3 LEG2	THALASSA
asc3239	239	27/ 9/	1 1	22.04210 W	41.24044 N	5h 30m 0s	6h 3m 0s	1491	13.0	1503.0	POMME3 LEG2	THALASSA
asc3240	240	27/ 9/	1 1	22.03875 W	41.23996 N	8h 8m 0s	8h 14m 0s	190	14.0	203.0	POMME3 LEG2	THALASSA
asc3241	241	27/ 9/	1 1	22.03122 W	41.24241 N	10h 44m 10s	10h 12m 30s	1502	4.0	1505.0	POMME3 LEG2	THALASSA
asc3242	242	27/ 9/	1 1	22.02152 W	41.25192 N	16h 32m 46s	16h 52m 5s	1001	9.0	1009.0	POMME3 LEG2	THALASSA
asc3243	243	27/ 9/	1 1	22.01872 W	41.25510 N	18h 26m 2s	18h 51m 0s	1502	8.0	1509.0	POMME3 LEG2	THALASSA
asc3244	244	27/ 9/	1 1	22.01273 W	41.26267 N	23h 32m 8s	23h 53m 0s	994	8.0	1001.0	POMME3 LEG2	THALASSA
asc3245	245	28/ 9/	1 1	21.59258 W	41.27070 N	2h 0m 0s	2h 14m 0s	398	4.0	401.0	POMME3 LEG2	THALASSA
asc3246	246	28/ 9/	1 1	21.57741 W	41.27344 N	3h 10m 0s	3h 14m 0s	198	5.0	202.0	POMME3 LEG2	THALASSA
asc3247	247	28/ 9/	1 1	21.57109 W	41.27824 N	4h 33m 0s	4h 39m 0s	201	3.0	203.0	POMME3 LEG2	THALASSA
asc3248	248	28/ 9/	1 1	21.57537 W	41.27811 N	6h 4m 0s	6h 19m 0s	801	5.0	805.0	POMME3 LEG2	THALASSA
asc3249	249	28/ 9/	1 1	21.58647 W	41.28083 N	7h 59m 0s	8h 4m 0s	201	4.0	204.0	POMME3 LEG2	THALASSA
asc3250	250	28/ 9/	1 1	21.58359 W	41.28116 N	12h 15m 14s	12h 45m 27s	1503	3.0	1505.0	POMME3 LEG2	THALASSA
asc3251	251	28/ 9/	1 1	21.56766 W	41.30856 N	20h 20m 44s	20h 50m 0s	1501	5.0	1505.0	POMME3 LEG2	THALASSA
asc3252	252	29/ 9/	1 1	21.53977 W	41.32910 N	10h 55m 0s	11h 33m 1s	1999	6.0	2004.0	POMME3 LEG2	THALASSA
asc3323	323	2/10/	1 1	17.58624 W	42.30485 N	3h 12m 0s	3h 40m 0s	1496	7.0	1502.0	POMME3 LEG2	THALASSA
asc3324	324	2/10/	1 1	17.58651 W	42.31155 N	8h 12m 0s	8h 17m 0s	197	6.0	202.0	POMME3 LEG2	THALASSA
asc3325	325	2/10/	1 1	17.58895 W	42.31484 N	9h 18m 0s	9h 47m 0s	1500	6.0	1505.0	POMME3 LEG2	THALASSA
asc3326	326	2/10/	1 1	17.56742 W	42.29714 N	15h 31m 5s	15h 53m 0s	999	5.0	1003.0	POMME3 LEG2	THALASSA
asc3327	327	2/10/	1 1	17.56904 W	42.28965 N	17h 27m 40s	17h 53m 0s	1505	7.0	1511.0	POMME3 LEG2	THALASSA
asc3328	328	2/10/	1 1	17.57340 W	42.28518 N	20h 12m 52s	20h 40m 0s	1001	5.0	1005.0	POMME3 LEG2	THALASSA
asc3329	329	3/10/	1 1	17.57733 W	42.26513 N	1h 38m 0s	1h 52m 0s	400	5.0	404.0	POMME3 LEG2	THALASSA
asc3330	330	3/10/	1 1	17.57322 W	42.26146 N	2h 46m 0s	2h 50m 0s	198	6.0	203.0	POMME3 LEG2	THALASSA
asc3331	331	3/10/	1 1	17.57706 W	42.25671 N	4h 4m 0s	4h 9m 0s	200	4.0	203.0	POMME3 LEG2	THALASSA
asc3332	332	3/10/	1 1	17.57435 W	42.25919 N	5h 39m 0s	5h 53m 0s	804	4.0	807.0	POMME3 LEG2	THALASSA
asc3333	333	3/10/	1 1	17.57457 W	42.25847 N	7h 36m 0s	7h 41m 0s	204	4.0	207.0	POMME3 LEG2	THALASSA
asc3334	334	3/10/	1 1	17.56143 W	42.25631 N	12h 12m 5s	12h 38m 0s	1509	4.0	1512.0	POMME3 LEG2	THALASSA
asc3335	335	3/10/	1 1	17.54629 W	42.21752 N	20h 33m 9s	21h 0m 0s	1526	6.0	1531.0	POMME3 LEG2	THALASSA
asc3336	336	4/10/	1 1	17.50000 W	42.19317 N	10h 43m 0s	11h 21m 0s	1998	9.0	2006.0	POMME3 LEG2	THALASSA
asc3337	337	8/10/	1 1	17.30139 W	44.19920 N	9h 22m 0s	9h 27m 0s	193	13.0	205.0	POMME3 LEG2	THALASSA
asc3338	338	8/10/	1 1	17.30535 W	44.19957 N	10h 18m 0s	10h 42m 0s	987	17.0	1003.0	POMME3 LEG2	THALASSA
asc3339	339	8/10/	1 1	17.33540 W	44.18847 N	13h 18m 0s	14h 35m 0s	3088	12.0	3099.0	POMME3 LEG2	THALASSA

POMME 3 - LEG2

18 Septembre - 8 Octobre 2001

THALASSA

LISTING BOTTLES

L.PRIEUR - J.RAUNET

3334	1000	800	600	500	400	300	200	150	100	80	60	50	50	40	30	20	20	10	5	5	5	5	
3334	992	798	574	504	402	293	200	149	99	79	59	51	51	42	30	21	20	9	5	5	5	5	

3335	1500	1000	800	600	400	300	300	300	200	130	100	80	70	60	50	50	50	40	30	20	10	5	
3335	1517	1001	805	701	404	295	298	299	202	131	99	81	69	51	51	51	51	39	29	21	10	5	

3336	2000	1500	1000	800	800	600	500	400	300	200	150	100	80	60	60	60	60	60	60	60	50	20	5
3336	1999	1502	1001	802	805	598	502	400	300	199	149	102	78	61	60	61	60	60	61	48	19	4	

3337	90	90	90	90	90	90	90	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	
3337	89	91	89	90	90	90	92	10	10	10	10	10	10	10	10	10	9	10	10	10	10	9	

NST	1	2	3	4	5	6	7	8	9	10	11	12	13	16	17	18	19	20	21	22	23	24	
3338	1000	1000	1000	350	350	200	200	130	130	90	90	90	60	60	60	60	30	30	20	20	20	10	
3338	1001	998	998	352	350	201	202	129	129	90	90	90	61	62	62	62	34	34	26	25	22	11	

3339	3070	3000	2500	2000	2000	2000	2000	1500	1000	800	600	500	400	300	200	150	100	80	60	40	20	10	
3339	3072	2996	2503	2004	2007	2009	2007	1504	997	802	604	501	400	302	201	152	101	80	51	42	18	10	

POMME 2001
18 Septembre – 8 Octobre

Thalassa

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

Pomme 3 Leg 2

L. PRIEUR – C. POCHO
Juillet 2005

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 prélèvements 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 : Colloïdes

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 Oxygène

POMME3 - LEG2

C FERNANDEZ ... CTDGn = CTD Generale :

JOUR1 DIC/O2 + TOC + SN/NH4 + 32Si + Flagelles + Pigments + Grazing + 33P + Lipides + Cyto
JOUR2 DIC/O2 + TOC + SN/NH4 + Flagelles + Pigments + Grazing + 33P + Lipides + Cyto

C FERNANDEZ ... CTD PROFONDE

DIC/O2 + TOC + SN/NH4 + 32Si + Pigments + Particules + Lipides

C GUIGUE GVOLM = CTD grand Volume NATIN GVOLS = CTD grand Volume SOIR :

MATIN Biodegradations + Lipides + Pigments + HIAC
SOIR HIAC + Pigments + POC

S GASPARINI ... GVols = CTD grand Volume :

SOIR HIAC + Pigments + POC + Zpkt

S GASPARINI ... CTDzo = CTD ZOOPLANCTON :

IRT = Incubation Respiration Transit intestinal Chloro et Lipides
Graz = Incubation Grazing

TOTO RADel = RADIOELEMENTS :

TOTO 15N =

TOTO ETSSf = ETS Surface ETSPf = ETS Profonde :

D LEFEVRE ProP1 = Production Primaire 1 :

T MOUTIN ProP2 = Production Primaire 2 :

| ***** | NUMEROS de BOUTEILLES |

3157	1001	799	599	506	401	299	201	150	99	80	62	49	50	41	28	20	20	9	5	5	4	6
Jour	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2	DCO2			DCO2	
CTDgn	TOC	TOC	TOC	TOC	TOC	TOC	TOC	TOC	TOC	TOC	TOC	TOC	TOC	TOC	TOC	TOC	TOC	TOC	TOC			
	SNNH	SNNH	SNNH	SNNH	SNNH	SNNH	SNNH	SNNH	SNNH	SNNH	SNNH	SNNH	SNNH	SNNH	SNNH	SNNH	SNNH	SNNH	SNNH	SNNH	SNNH	
	32Si	32Si	32Si	32Si	32Si	32Si	32Si	32Si	32Si	32Si	32Si	32Si	32Si	32Si	32Si	32Si	32Si	32Si	32Si			
			Flgl	Flgl	Flgl	Flgl	Flgl	Flgl	Flgl	Flgl	Flgl	Flgl	Flgl	Flgl	Flgl	Flgl	Flgl	Flgl	Flgl		Flgl	
	Pigm	Pigm	Pigm	Pigm	Pigm	Pigm	Pigm	Pigm	Pigm	Pigm	Pigm	Pigm	Pigm	Pigm	Pigm	Pigm	Pigm	Pigm	Pigm	33P	Graz	Pigm
				Lipd	Lipd	Lipd	Lipd	Lipd	Lipd	Lipd	Lipd	Lipd	Lipd	Lipd	Lipd	Lipd	Lipd	Lipd	Lipd			
			Cyto	Cyto	Cyto	Cyto	Cyto	Cyto	Cyto	Cyto	Cyto	Cyto	Cyto	Cyto	Cyto	Cyto	Cyto	Cyto	Cyto	Cyto	Cyto	Cyto

3158	1001	1001	377	377	197	197	197	100	100	100	64	64	65	51	51	51	31	31	31	10	10	10
Jour																						

3159	1505	1001	801	802	802	600	401	201	89	89	90	59	59	58	59	58	30	30	30	19	9	5
Nuit	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC
Gvols			Pigm	Pigm	Pigm				Zpkt	Zpkt	Zpkt	Zpkt	Zpkt	Zpkt	Zpkt	Zpkt	Zpkt	Zpkt	Zpkt	Zpkt	Zpkt	Zpkt

3160	1008	1008	1008	900	900	900	799	799	799	700	700	700	602	602	603	602	501	501	501	400	400	400
Nuit																						

3161	301	300	300	200	200	200	151	150	151	101	101	80	70	63	60	51	39	31	20	11	6	6
Nuit																						

3162	101	101	80	80	81	60	60	60	50	50	50	41	41	31	32	31	21	21	20	6	6	6
Nuit																						

3163	101	101	80	80	80	59	59	59	50	50	50	41	41	41	31	31	21	21	21	5	5	5
Nuit																						

3164	800	701	597	501	401	401	300	199	150	119	100	89	79	56	57	51	40	31	20	10	6	6
Jour	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC	HIAC
GVOLM									Pigm	Pigm	Pigm	Pigm	Pigm	Pigm	Pigm	Pigm	Pigm	Pigm	Pigm	Pigm	Pigm	Pigm
				Biod	Biod				Lipd	Lipd											Biod	Biod
						Lipd	Lipd				Lipd				Lipd							

3165	52	51	12	11	11	12	11	11	11	12	12	11	11	11	10	10	10	10	11	10	10	10
Jour																						

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|3243 |1506 | 998 | 799 | 500 | 500 | 501 | 399 | 200 | 131 | 90 | 91 | 91 | 56 | 57 | 57 | 57 | 34 | 33 | 34 | 16 | 10 | 6 | |
|Nuit |HIAC |HIAC |HIAC |HIAC |HIAC |HIAC |HIAC |HIAC |HIAC |HIAC |HIAC |HIAC |HIAC |HIAC |HIAC |HIAC |HIAC |HIAC |HIAC |HIAC |HIAC |HIAC |
|Gvols|   |   |   |Pigm |Pigm |Pigm |   |   |   |Zpkt |Zpkt |Zpkt |Zpkt |Zpkt |Zpkt |Zpkt |Zpkt |Zpkt |Zpkt |Zpkt |   |   |   |
*****
|3244 | 995 | 996 | 996 | 901 | 901 | 902 | 799 | 799 | 800 | 701 | 701 |700 |603 |602 |603 |603 |499 |500 |500 |400 |400 |400 | | |
|Nuit |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|ETSSf|   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
*****
|3245 | 300 | 300 | 301 | 201 | 201 | 203 | 151 | 152 | 152 | 101 | 102 | 79 | 70 | 64 | 60 | 51 | 40 | 30 | 20 | 11 | 6 | 5 |
|Nuit |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
*****
|3246 | 101 | 102 | 81 | 81 | 81 | 60 | 61 | 60 | 51 | 51 | 51 | 42 | 42 | 31 | 31 | 31 | 21 | 21 | 21 | 6 | 5 | 6 |
|Nuit |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
*****
|3247 | 101 | 101 | 80 | 80 | 80 | 59 | 59 | 60 | 51 | 51 | 51 | 40 | 40 | 41 | 31 | 31 | 21 | 21 | 21 | 6 | 6 | 6 |
|Nuit |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
*****
|3248 | 800 | 699 | 600 | 501 | 401 | 401 | 300 | 200 | 150 | 119 | 103 | 90 | 80 | 71 | 71 | 51 | 40 | 30 | 21 | 10 | 6 | 6 | | |
|Jour |HIAC |HIAC |HIAC |HIAC |HIAC |HIAC |HIAC |HIAC |HIAC |HIAC |HIAC |HIAC |HIAC |HIAC |HIAC |HIAC |HIAC |HIAC |HIAC |HIAC |HIAC |HIAC |
|GVOLM|   |   |   |   |   |   |   |   |   |Pigm |Pigm |Pigm |Pigm |Pigm |Pigm |Pigm |Pigm |Pigm |Pigm |Pigm |Pigm |Pigm |Pigm |
|   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|   |   |   |   |   |   |   |Lipd |Lipd |   |   |Lipd |   |   |Lipd |   |   |   |   |   |   |   |   |   |   |
*****
|3249 | 62 | 62 | 61 | 61 | 60 | 61 | 61 | 60 | 61 | 61 | 60 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 11 |
|Jour |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
*****
|3250 |1000 | 801 | 600 | 501 | 397 | 288 | 203 | 151 | 101 | 81 | 59 | 60 | 50 | 41 | 29 | 22 | 17 | 10 | 5 | 5 | 5 | 4 | |
|Jour |CTDGn|DCO2 |DCO2 |DCO2 |DCO2 |DCO2 |DCO2 |DCO2 |DCO2 |DCO2 |DCO2 |   |DCO2 |DCO2 |DCO2 |   |DCO2 |DCO2 |   |   |DCO2 |
|   |   |TOC |TOC |TOC |TOC |TOC |TOC |TOC |TOC |TOC |TOC |   |toc |TOC |TOC |TOC |   |TOC |TOC |   |   |   |DCO2 |
|   |   |SNNH |SNNH |SNNH |SNNH |SNNH |SNNH |SNNH |SNNH |SNNH |SNNH |   |SNNH |SNNH |SNNH |   |SNNH |SNNH |   |   |SNNH |
|   |   |32Si |32Si |32Si |32Si |32Si |32Si |32Si |32Si |32Si |32Si |   |32Si |32Si |32Si |   |32Si |   |32Si |   |   |
|   |   |   |Flgl |   |Flgl |Flgl |Flgl |   |Flgl |   |Flgl |Flgl |   |Flgl |Flgl |Flgl |   |Flgl |   |   |   |Flgl |
|   |   |Pigm |Pigm |Pigm |Pigm |Pigm |Pigm |Pigm |Pigm |Pigm |Pigm |Graz |Pigm |Pigm |Pigm |Pigm |   |Pigm |33P |Graz |   |Pigm |
|   |   |   |Lipd |   |Lipd |Lipd |Lipd |   |Lipd |   |Lipd |   |Lipd |Lipd |Lipd |   |   |   |   |   |   |   |
|   |   |   |Cyto |Cyto |Cyto |Cyto |Cyto |Cyto |Cyto |Cyto |   |Cyto |Cyto |Cyto |   |Cyto |Cyto |Cyto |   |   |   |
*****
|3251 |1503 |1001 | 799 | 701 | 700 | 699 | 598 | 401 | 189 | 130 | 102 | 81 | 70 | 60 | 61 | 61 | 50 | 38 | 33 | 22 | 10 | 6 | |
|Nuit |HIAC |HIAC |HIAC |HIAC |HIAC |HIAC |HIAC |HIAC |HIAC |HIAC |HIAC |HIAC |HIAC |HIAC |HIAC |HIAC |HIAC |HIAC |HIAC |HIAC |HIAC |
|Gvols|   |   |   |Pigm |Pigm |Pigm |POC |POC |POC |POC |   |POC |   |POC |Zpkt |Zpkt |   |POC |   |   |   |POC |   |
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POMME 3 - LEG2

18 Septembre - 8 Octobre 2001

THALASSA

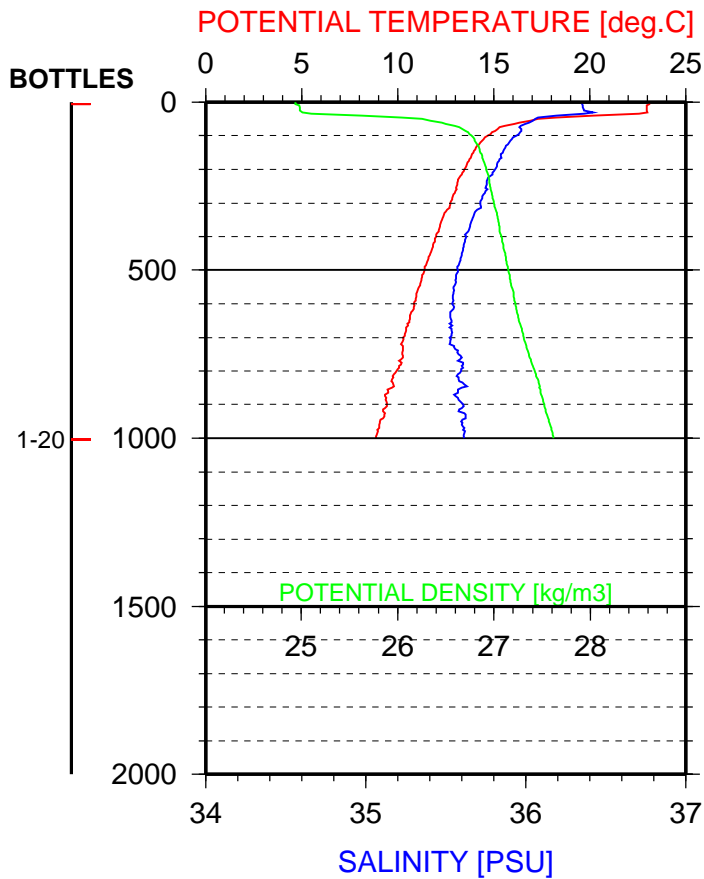
0 - 400 dbars

0 - 2000 dbars

L.PRIEUR - J.RAUNET

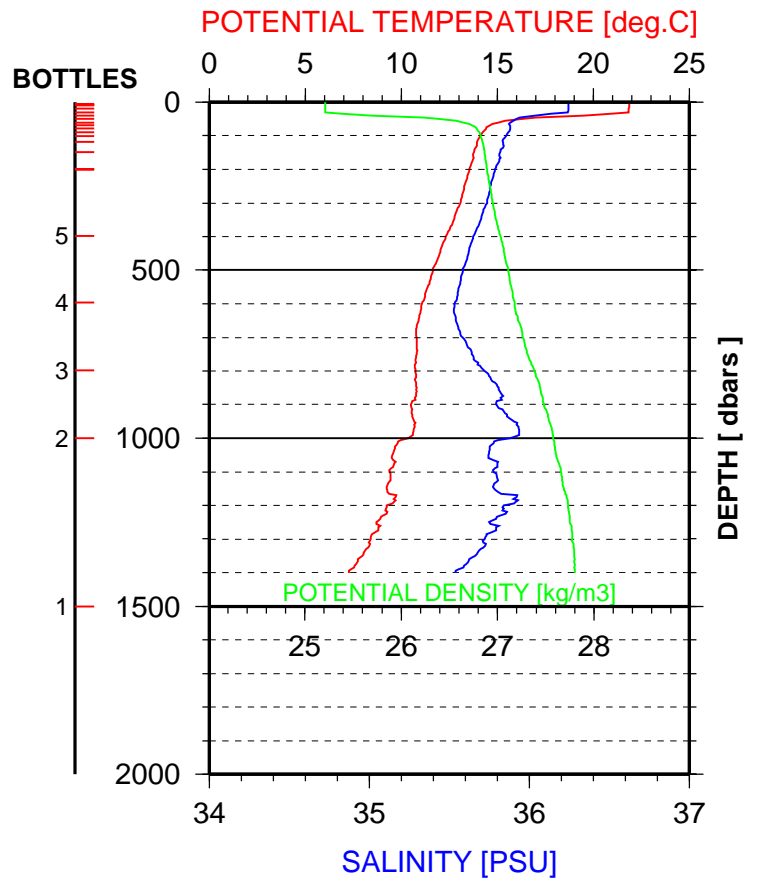
POMME3 - VALID STATION 3084

18 / 9 / 2001 - 16 h 7 m



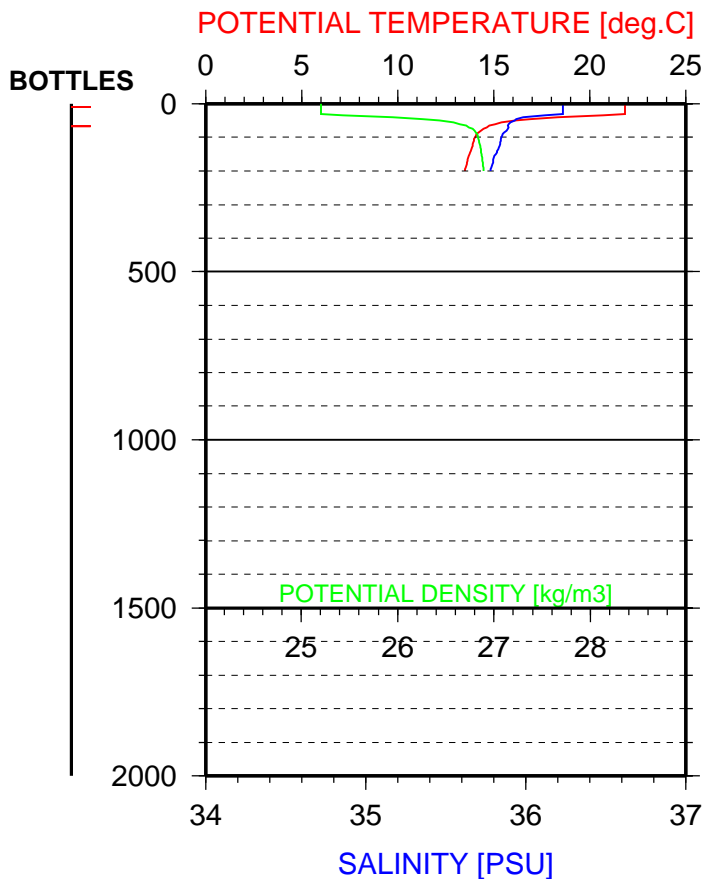
POMME3 - VALID STATION 3085

19 / 9 / 2001 - 4 h 15 m



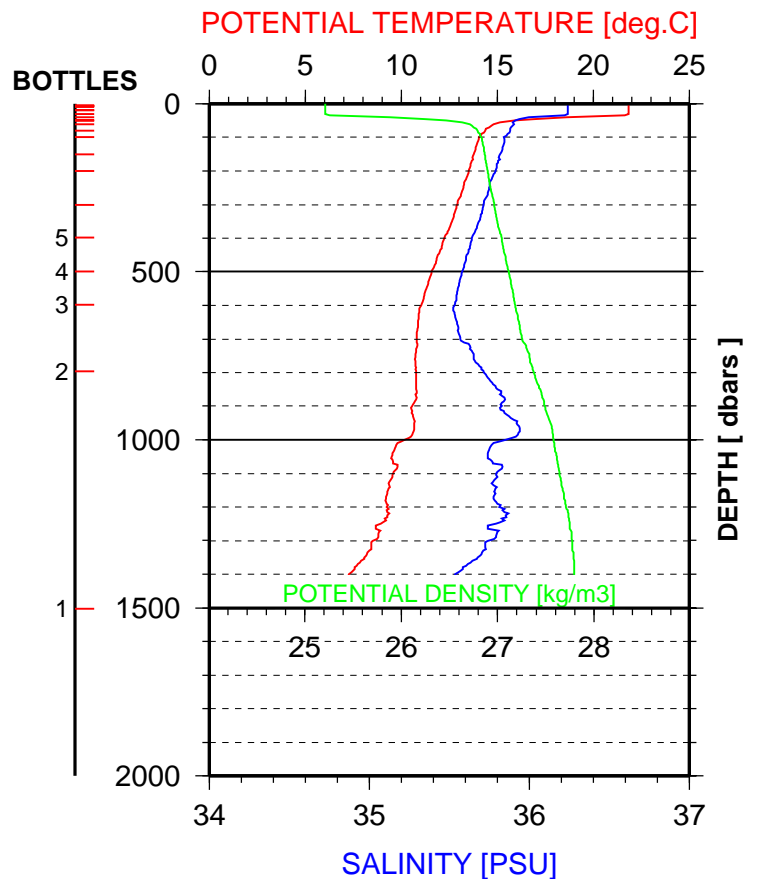
POMME3 - VALID STATION 3086

19 / 9 / 2001 - 6 h 36 m



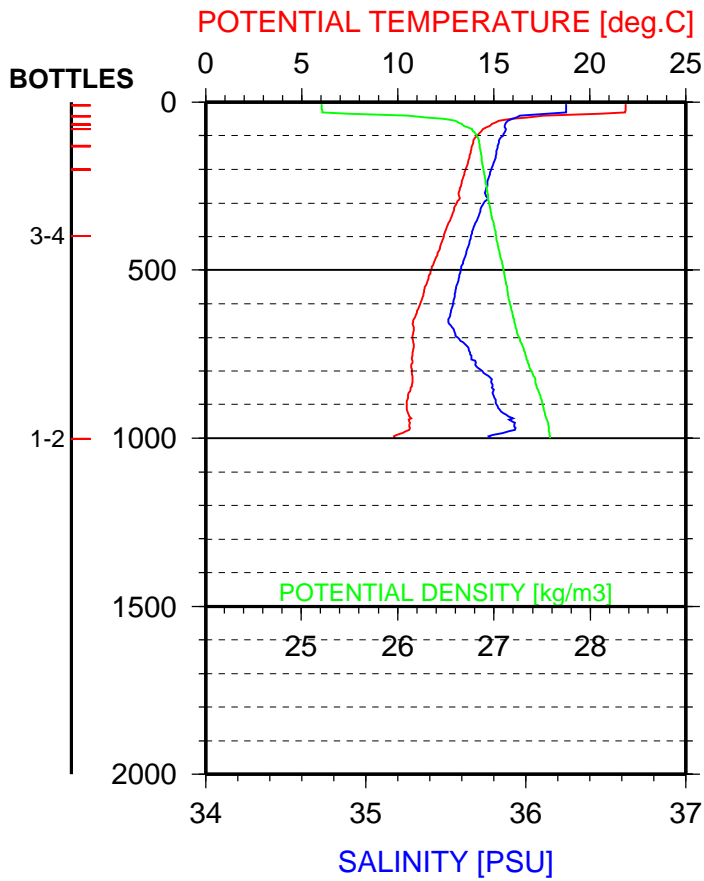
POMME3 - VALID STATION 3087

19 / 9 / 2001 - 10 h 31 m



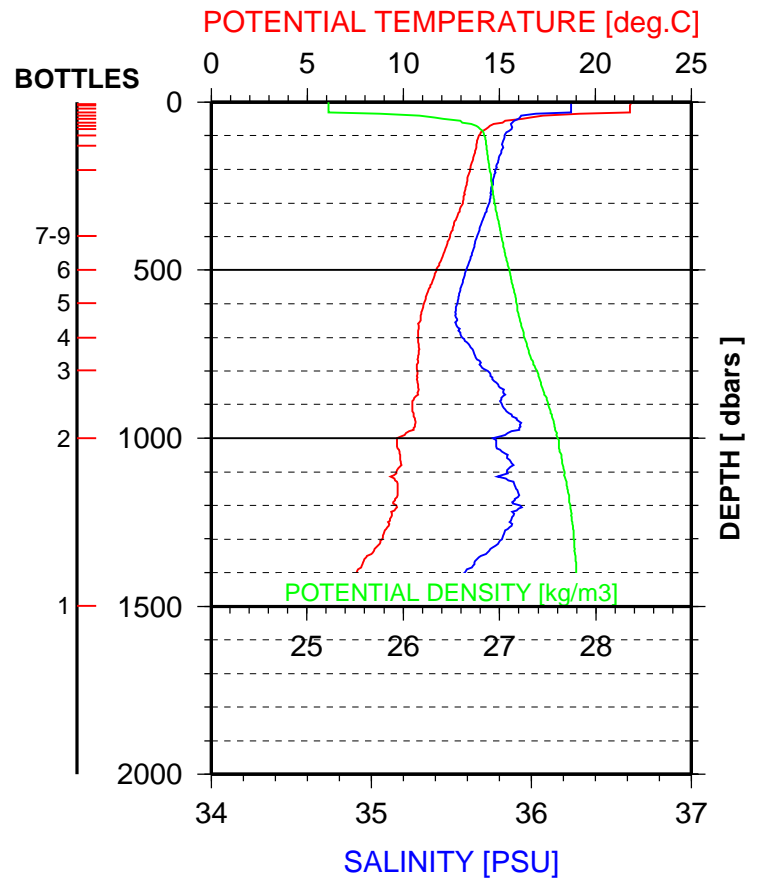
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19 / 9 / 2001 - 17 h 42 m



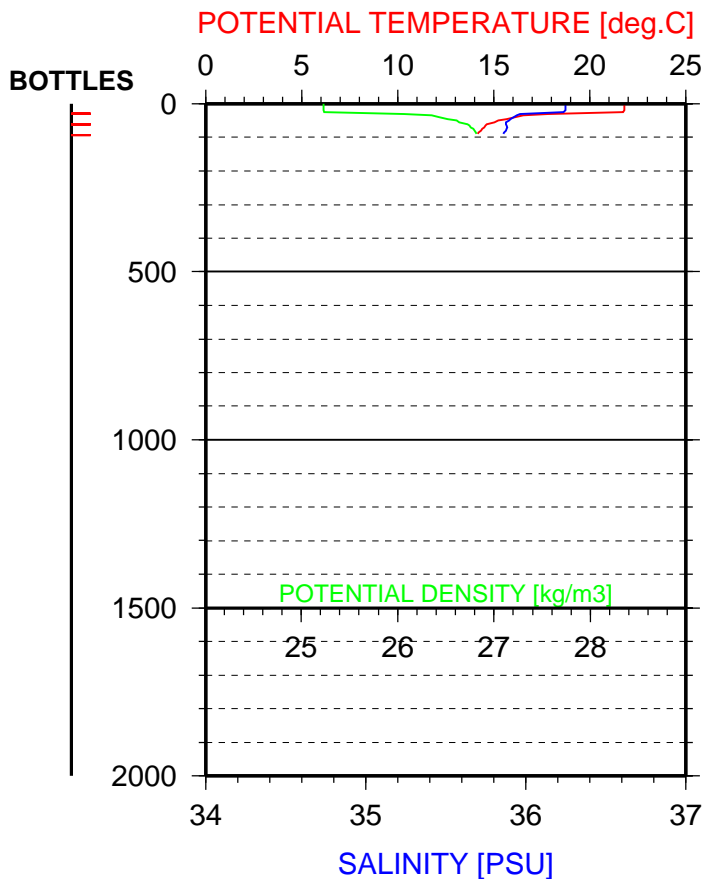
POMME3 - VALID STATION 3089

19 / 9 / 2001 - 21 h 27 m



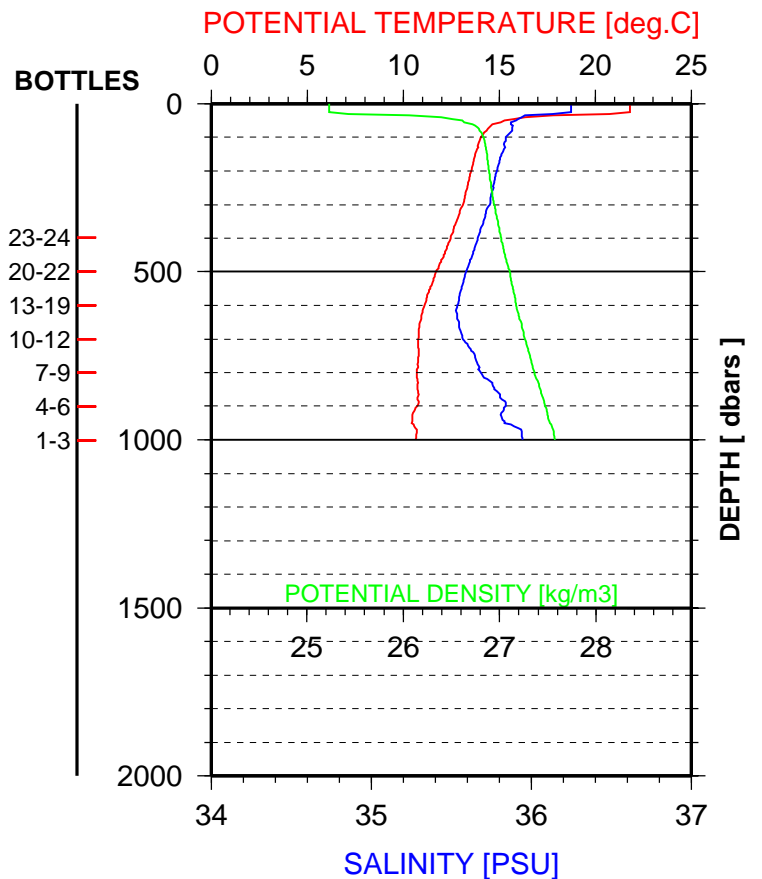
POMME3 - VALID STATION 3090

19 / 9 / 2001 - 23 h 28 m



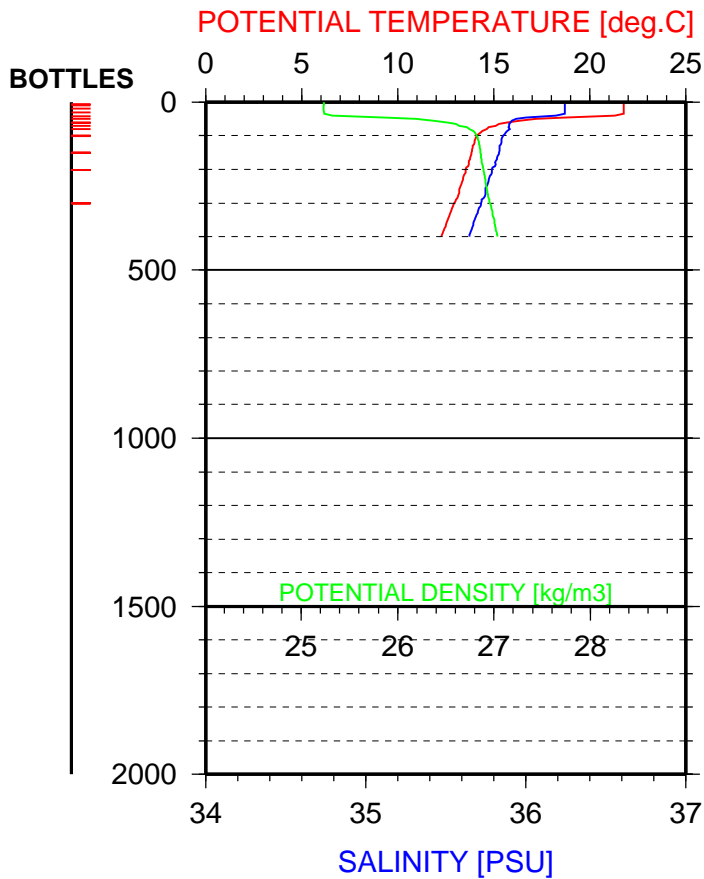
POMME3 - VALID STATION 3091

20 / 9 / 2001 - 0 h 3 m



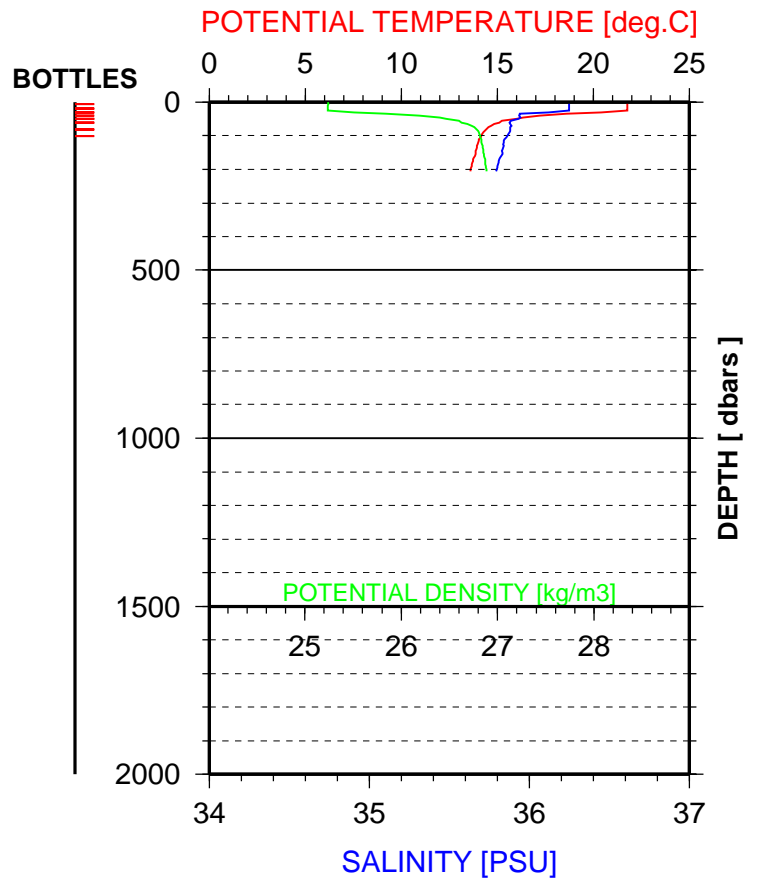
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20 / 9 / 2001 - 2 h 35 m



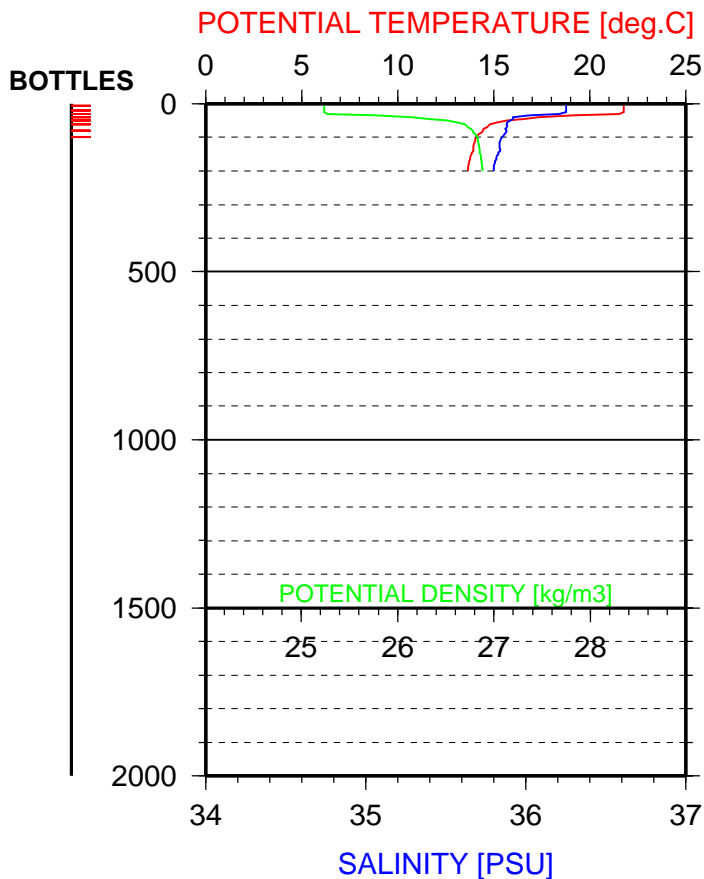
POMME3 - VALID STATION 3093

20 / 9 / 2001 - 3 h 49 m



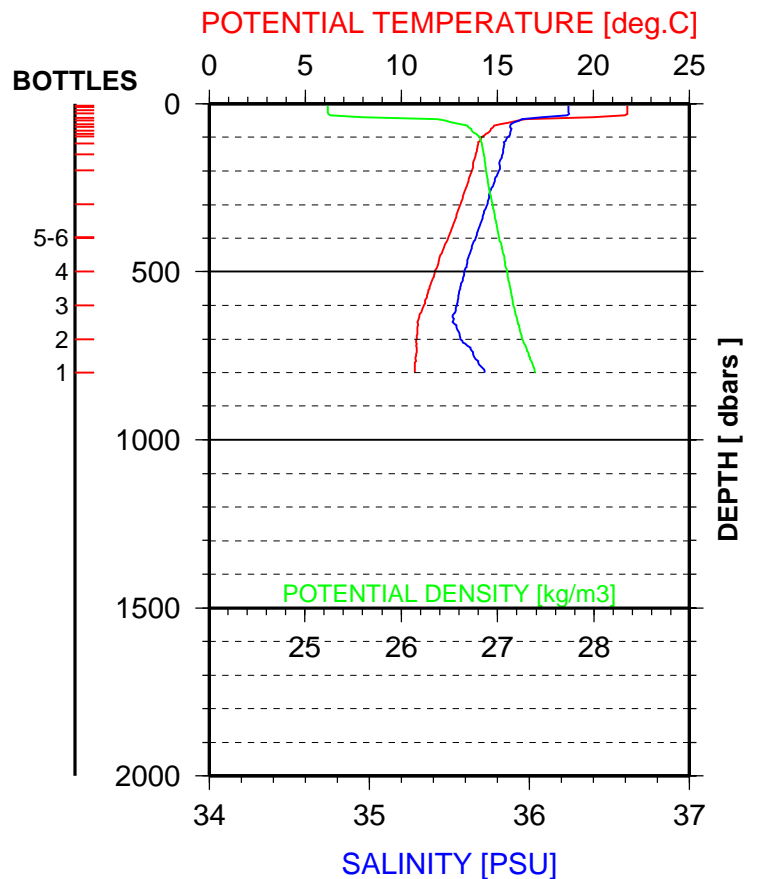
POMME3 - VALID STATION 3094

20 / 9 / 2001 - 5 h 15 m



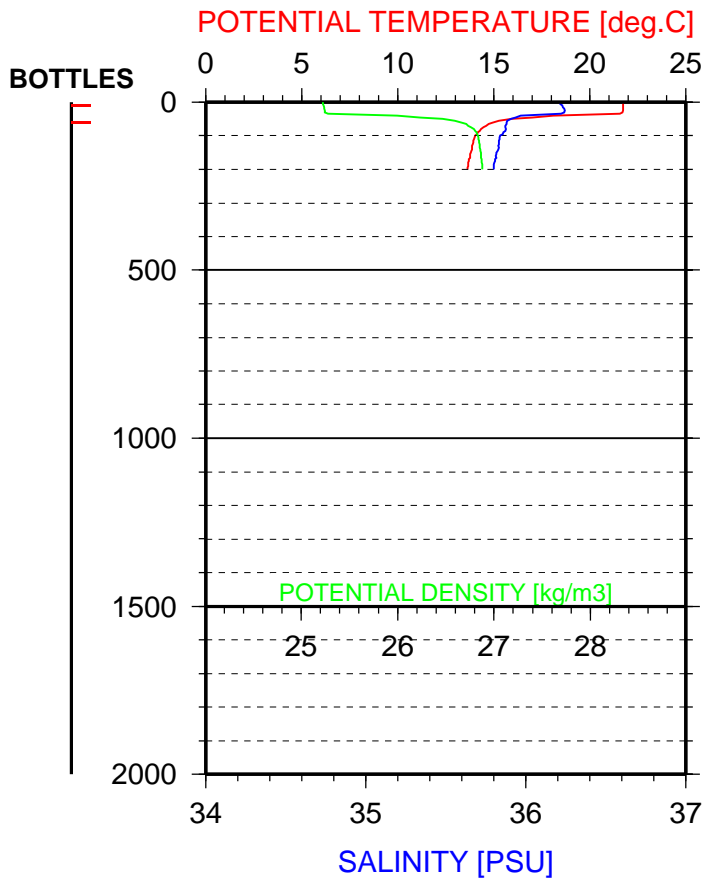
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20 / 9 / 2001 - 6 h 50 m



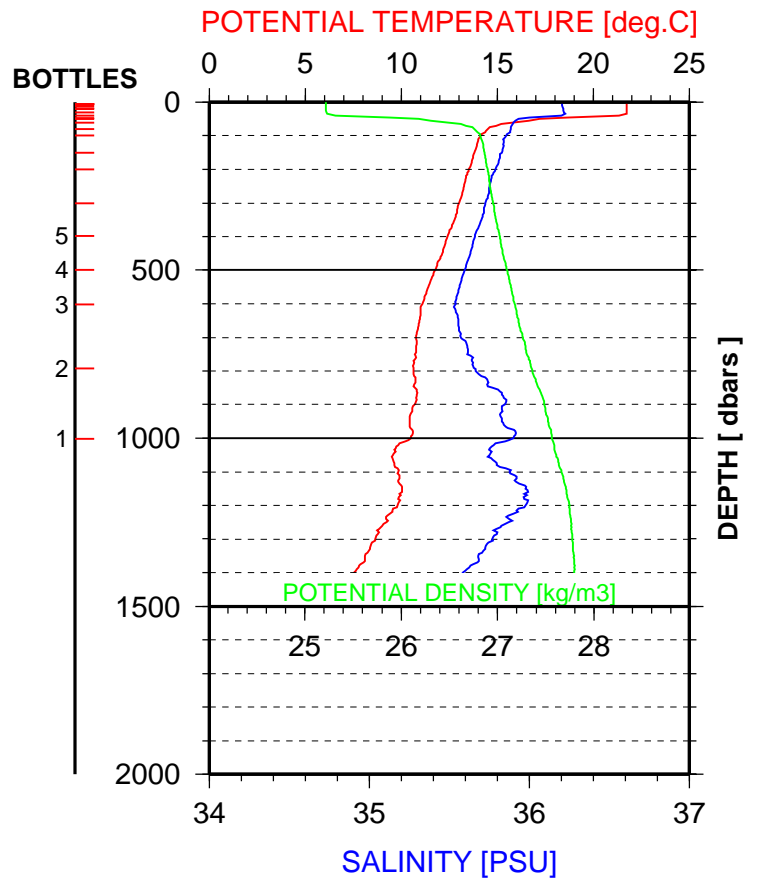
POMME3 - VALID STATION 3096

20 / 9 / 2001 - 8 h 56 m



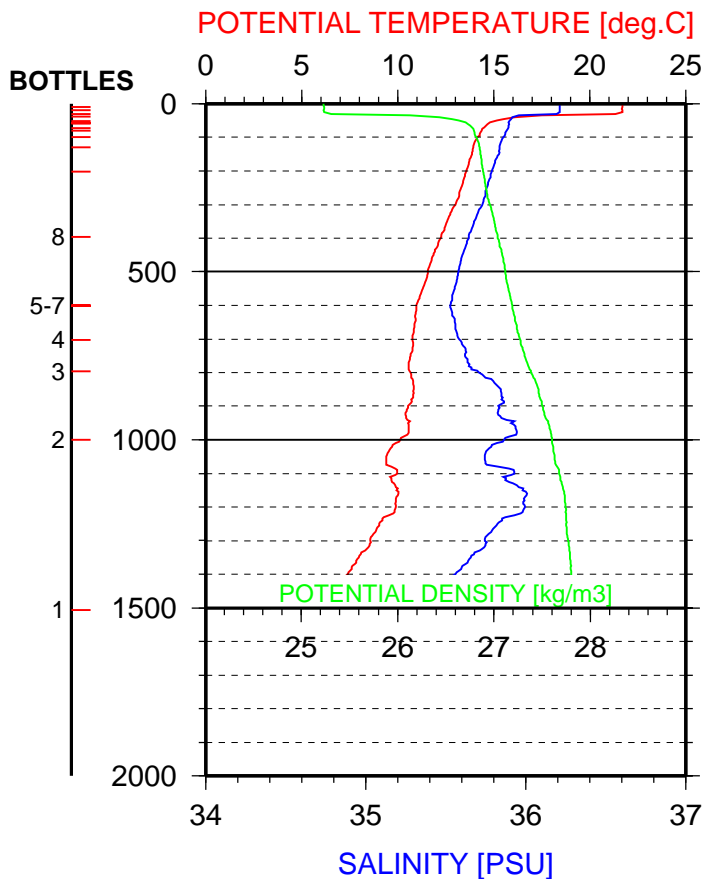
POMME3 - VALID STATION 3097

20 / 9 / 2001 - 12 h 41 m



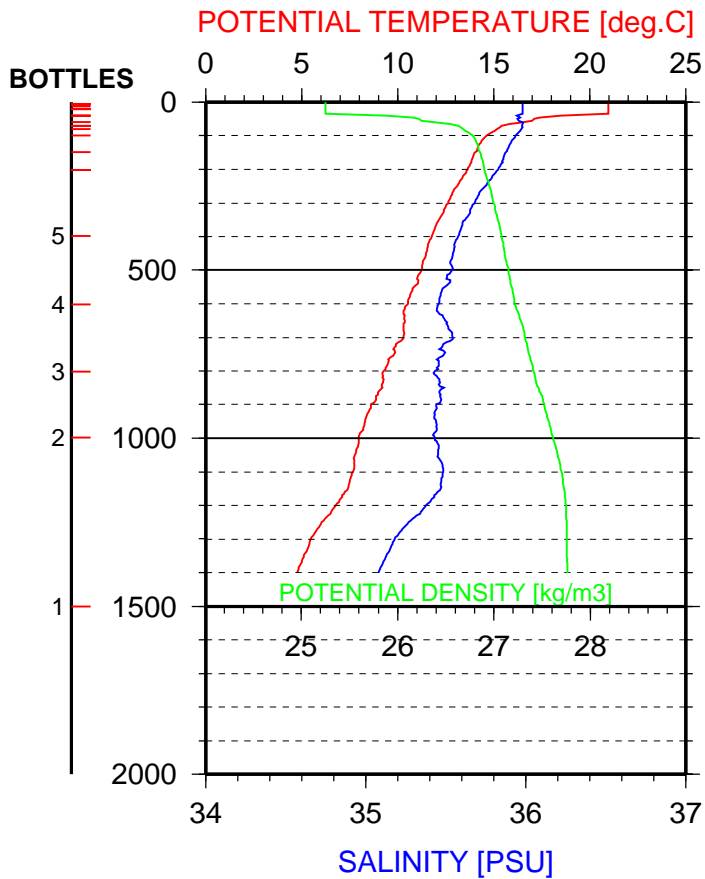
POMME3 - VALID STATION 3098

20 / 9 / 2001 - 20 h 30 m



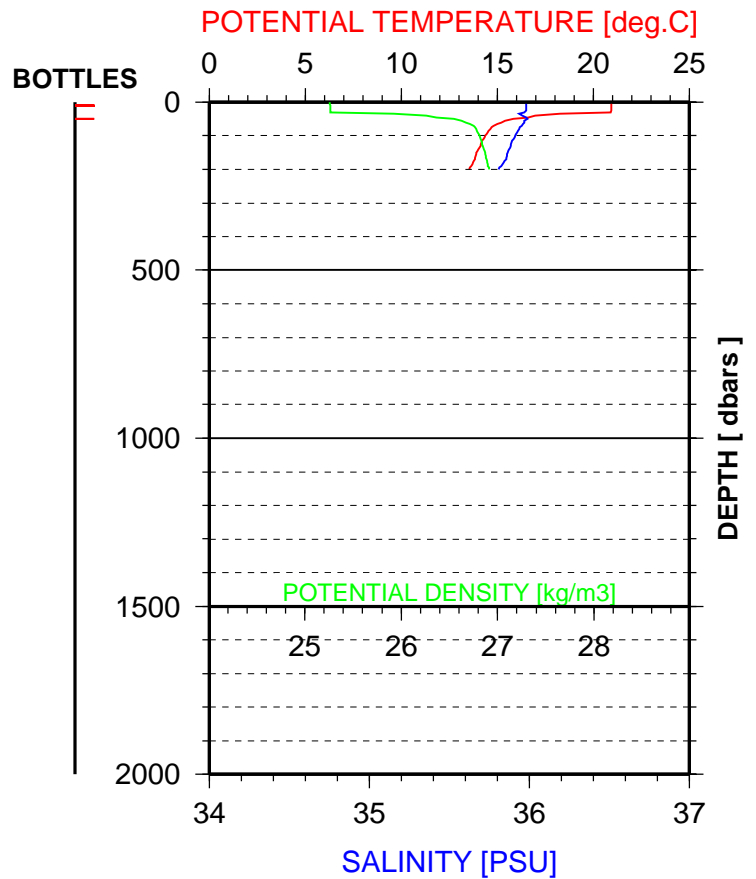
POMME3 - VALID STATION 3155

23 / 9 / 2001 - 3 h 6 m



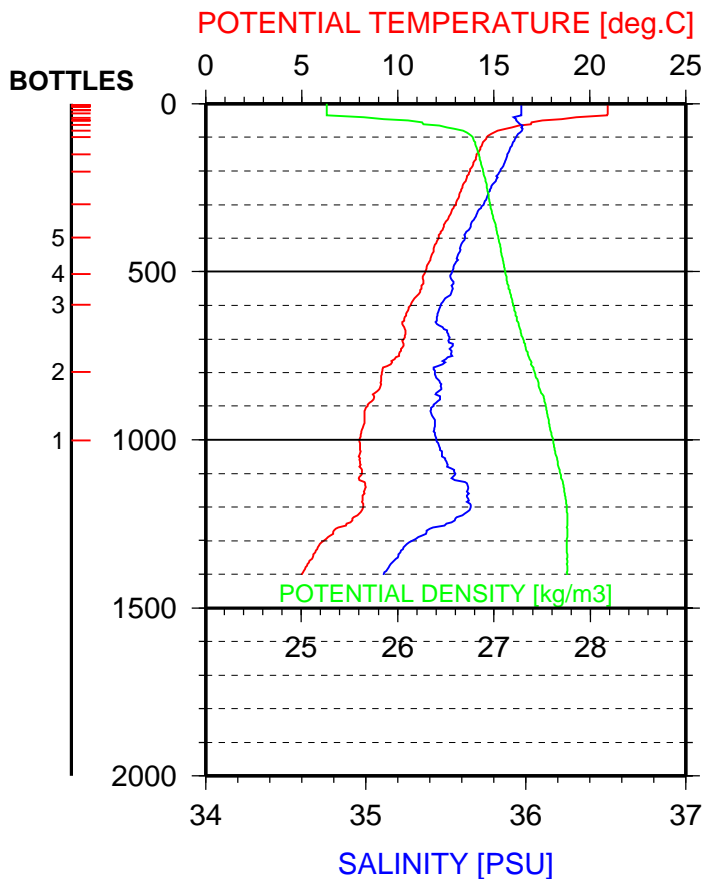
POMME3 - VALID STATION 3156

23 / 9 / 2001 - 8 h 1 m



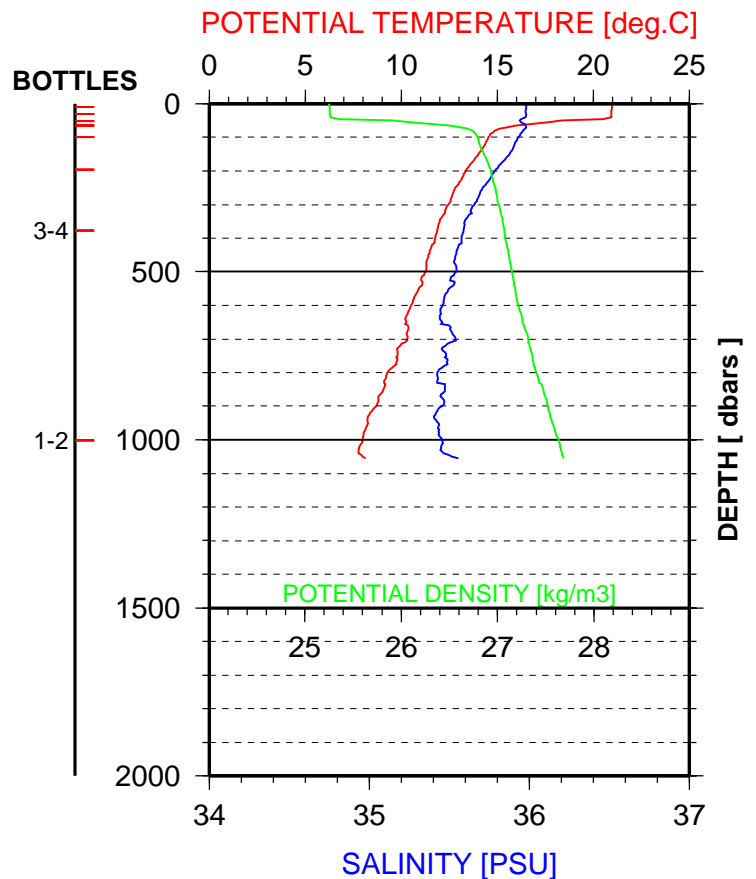
POMME3 - VALID STATION 3157

23 / 9 / 2001 - 9 h 56 m



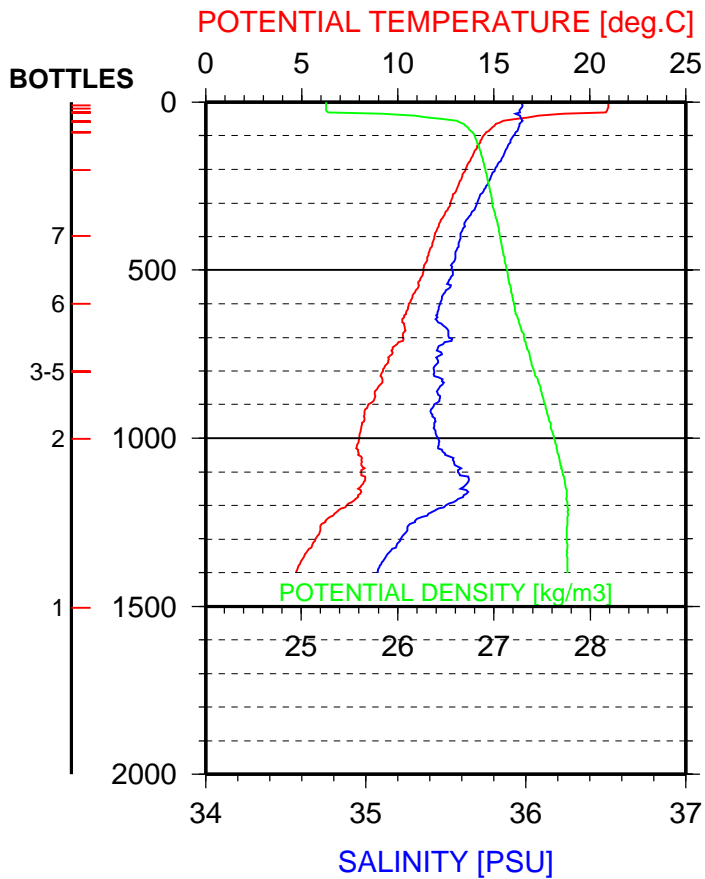
POMME3 - VALID STATION 3158

23 / 9 / 2001 - 15 h 2 m



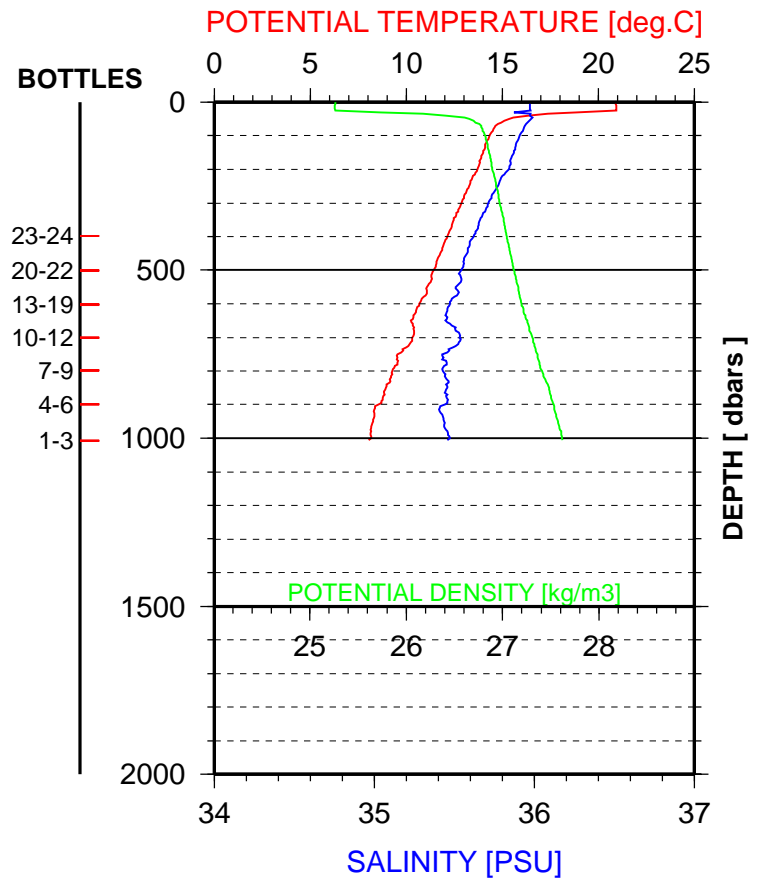
POMME3 - VALID STATION 3159

23 / 9 / 2001 - 17 h 48 m



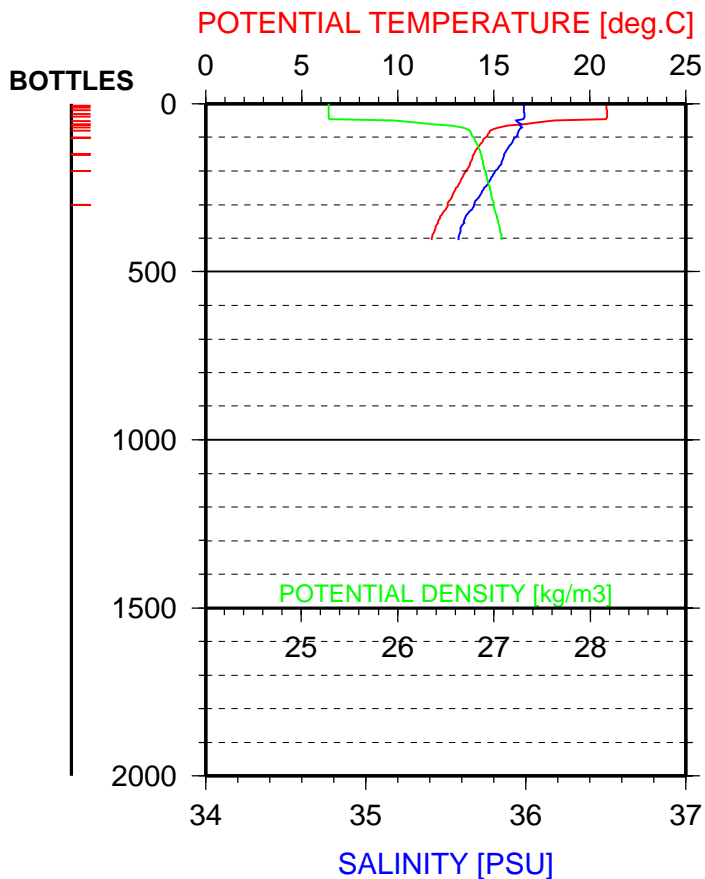
POMME3 - VALID STATION 3160

23 / 9 / 2001 - 20 h 51 m



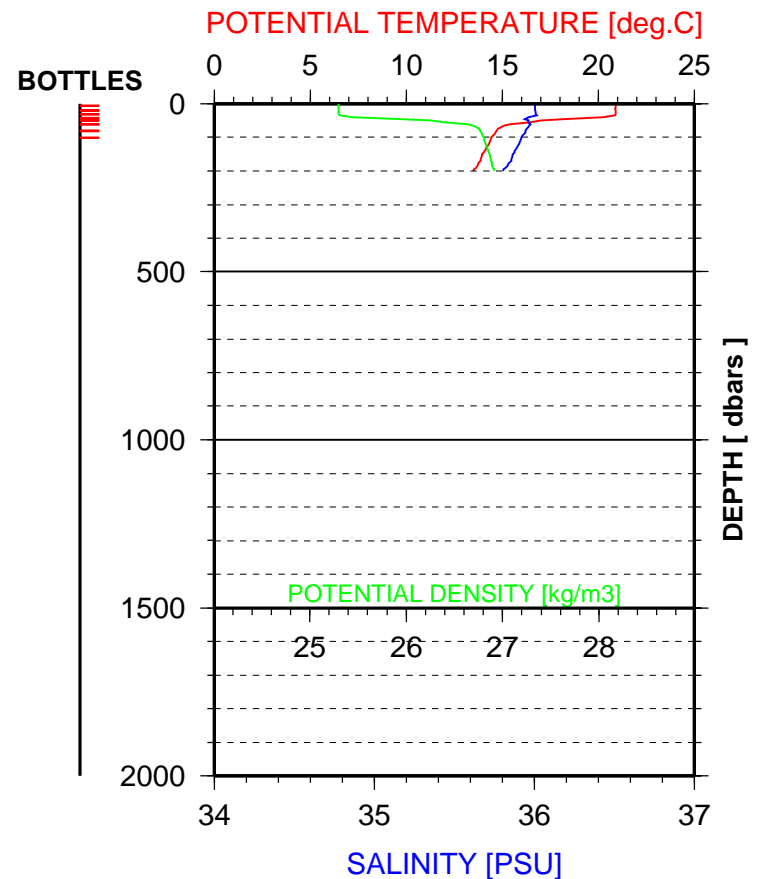
POMME3 - VALID STATION 3161

24 / 9 / 2001 - 1 h 33 m



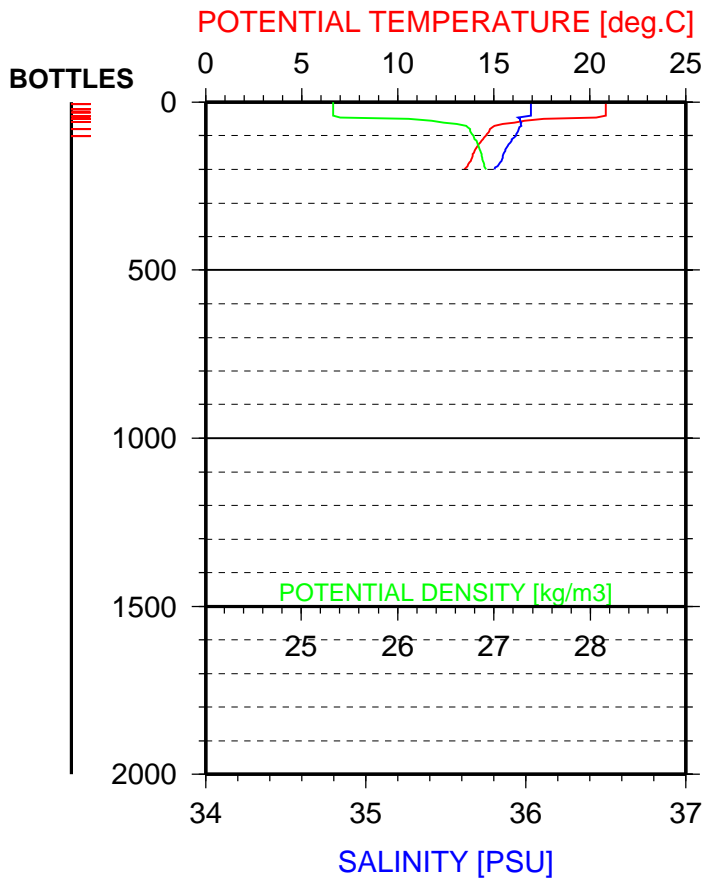
POMME3 - VALID STATION 3162

24 / 9 / 2001 - 2 h 43 m



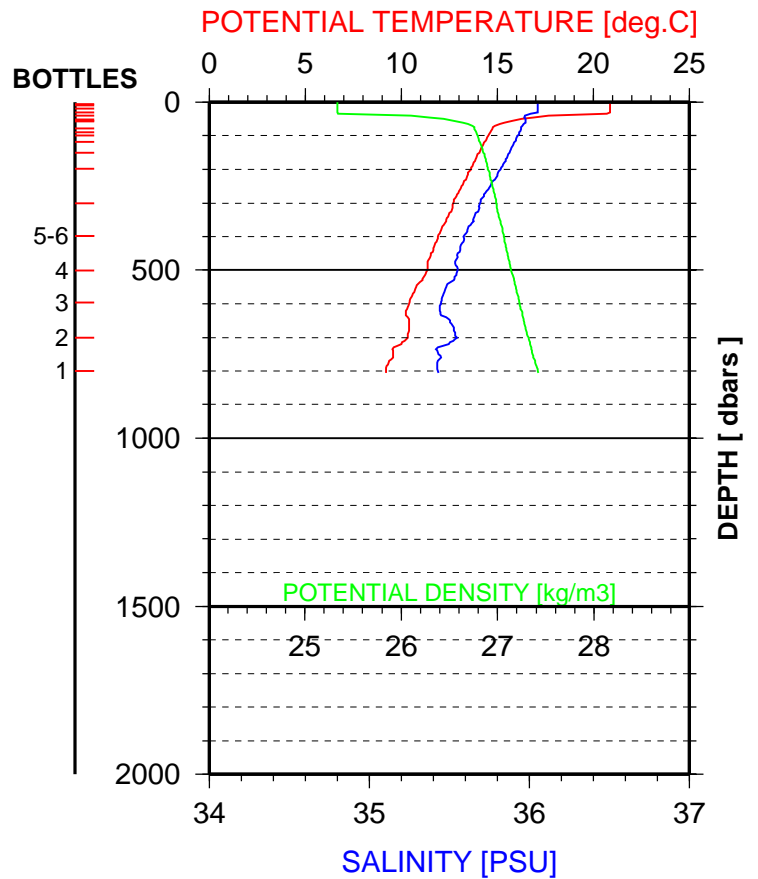
POMME3 - VALID STATION 3163

24 / 9 / 2001 - 4 h 1 m



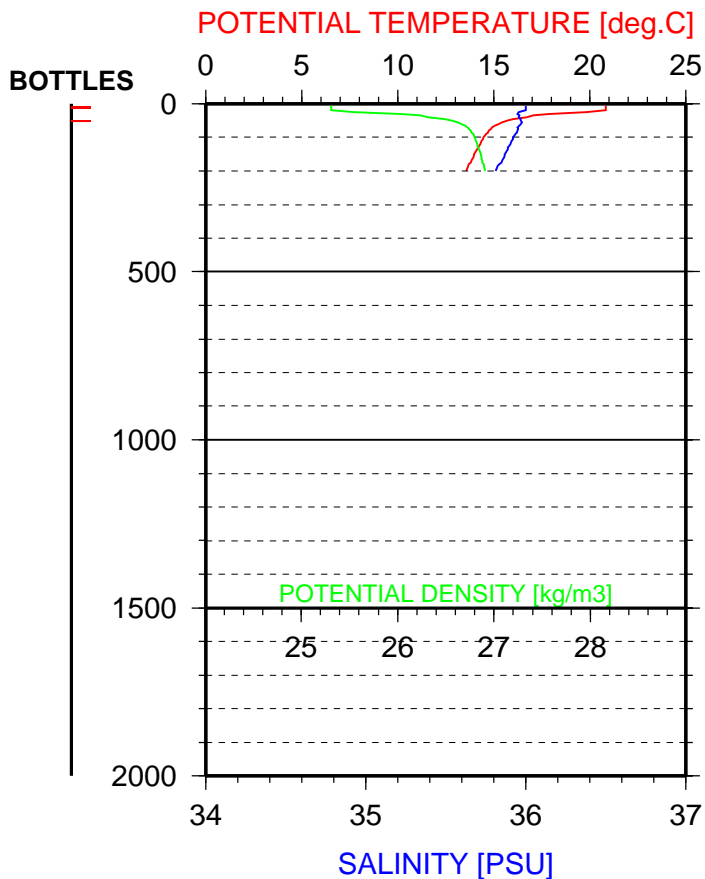
POMME3 - VALID STATION 3164

24 / 9 / 2001 - 5 h 40 m



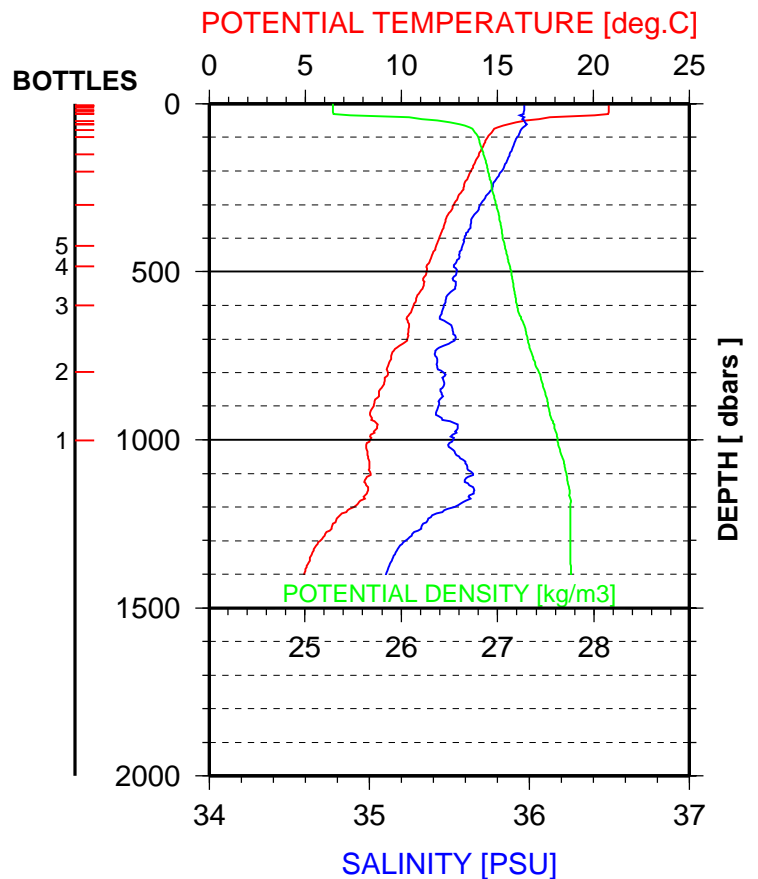
POMME3 - VALID STATION 3165

24 / 9 / 2001 - 8 h 25 m



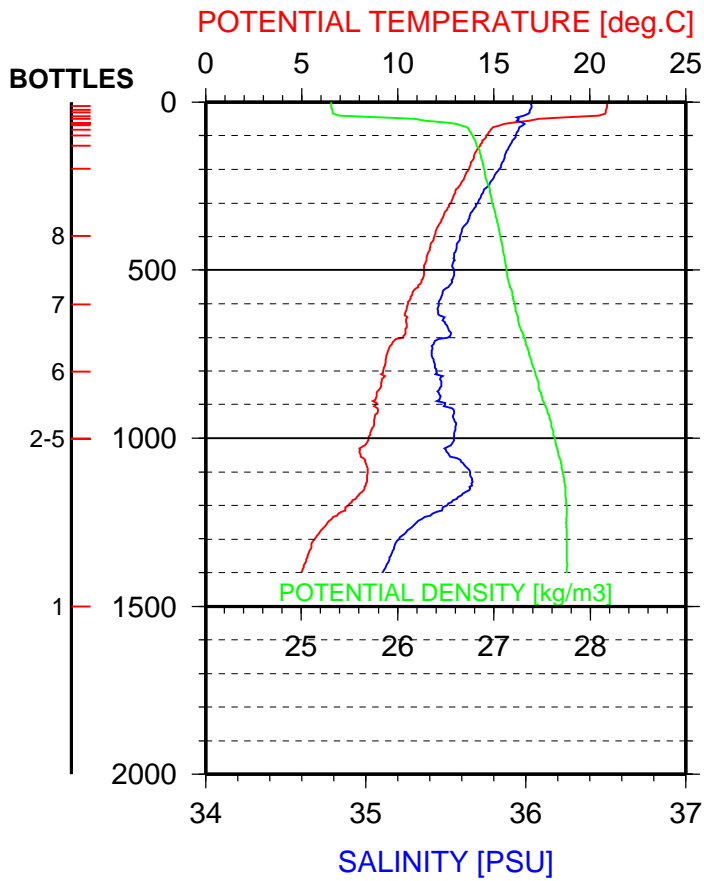
POMME3 - VALID STATION 3166

24 / 9 / 2001 - 12 h 12 m



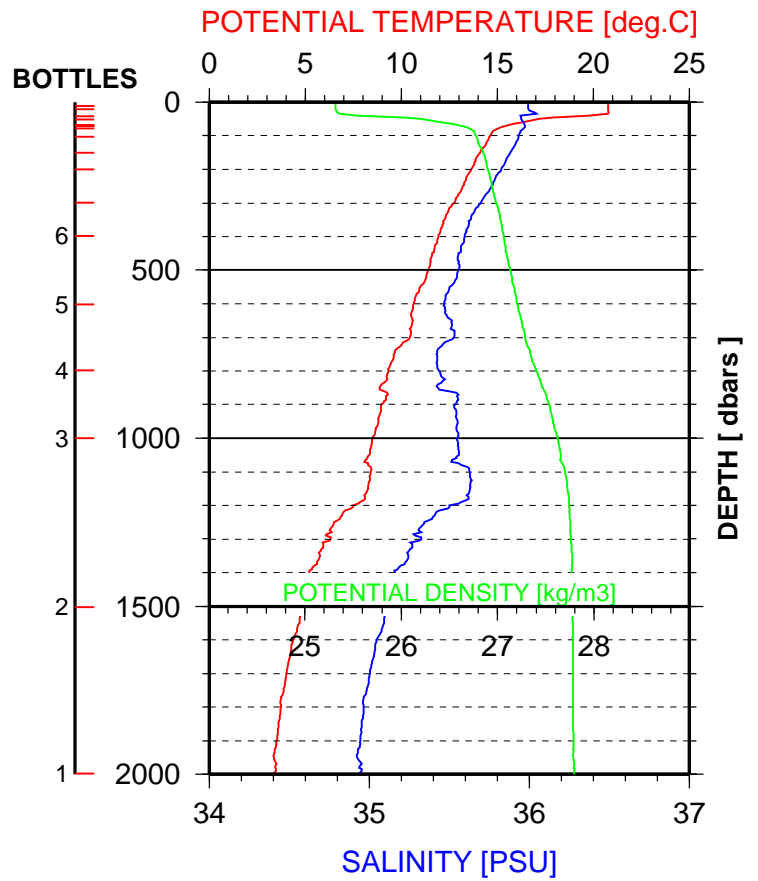
POMME3 - VALID STATION 3167

24 / 9 / 2001 - 19 h 45 m



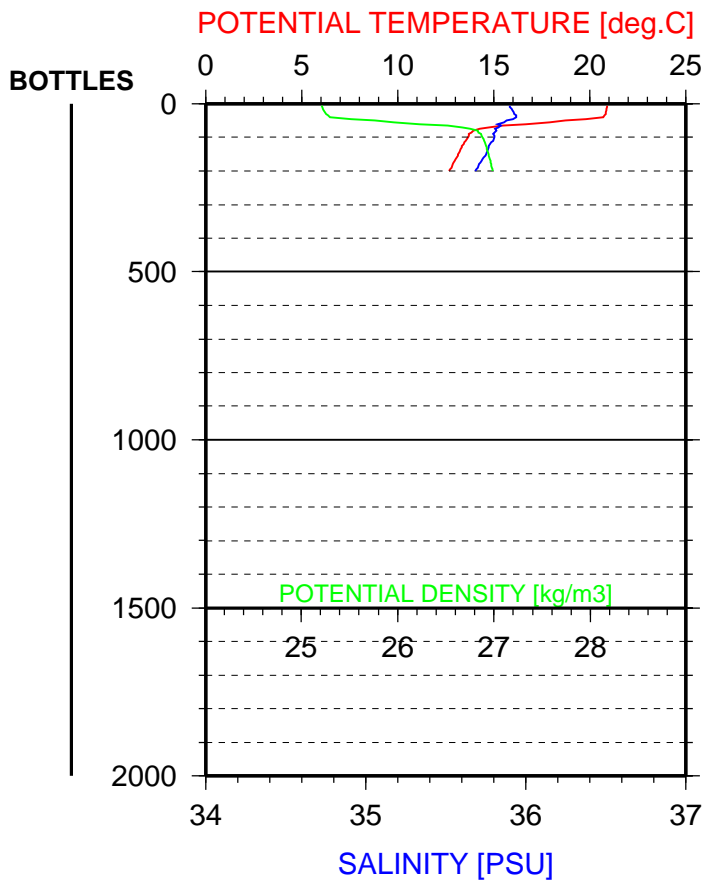
POMME3 - VALID STATION 3168

25 / 9 / 2001 - 9 h 50 m



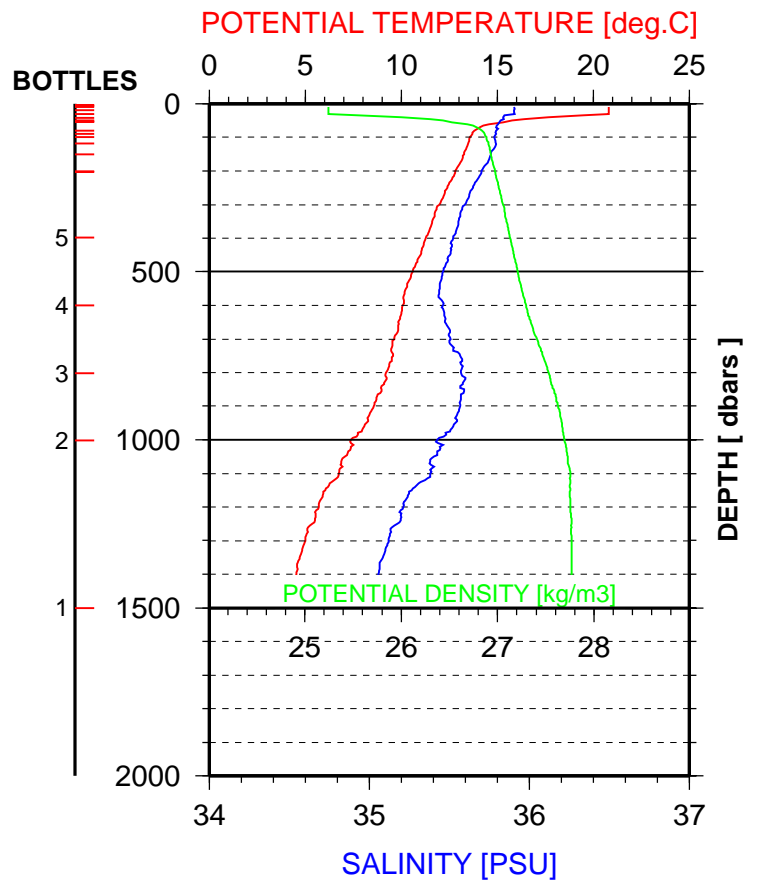
POMME3 - VALID STATION 3238

27 / 9 / 2001 - 2 h 0 m



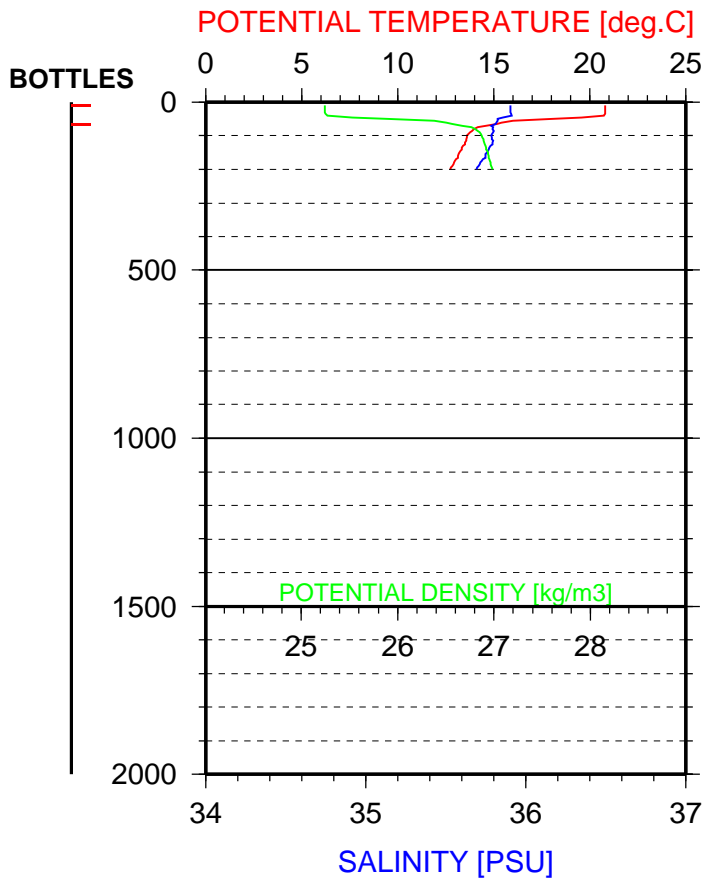
POMME3 - VALID STATION 3239

27 / 9 / 2001 - 5 h 30 m



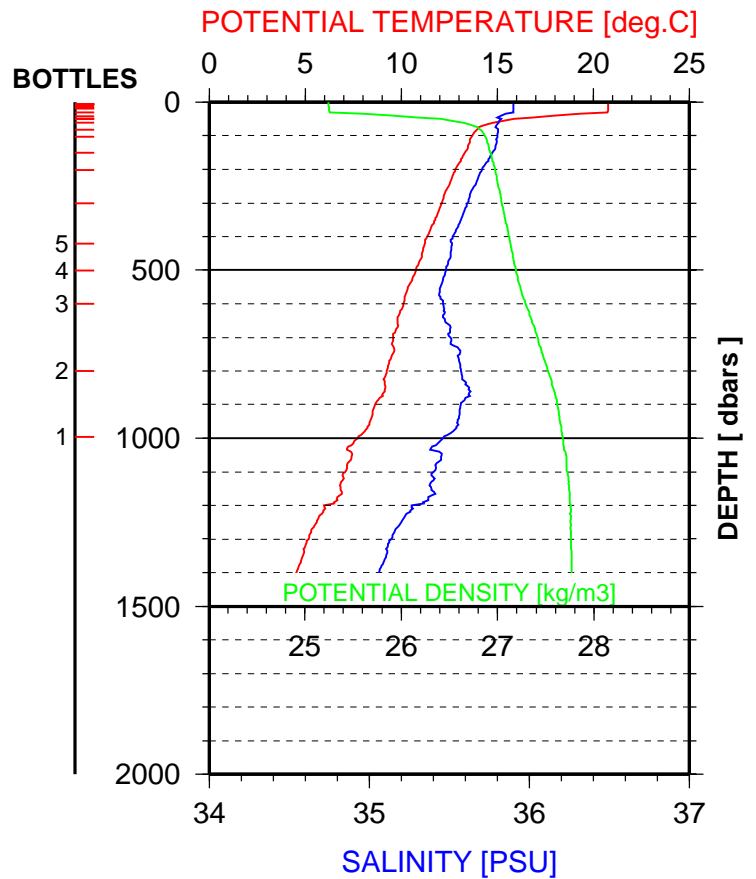
POMME3 - VALID STATION 3240

27 / 9 / 2001 - 8 h 8 m



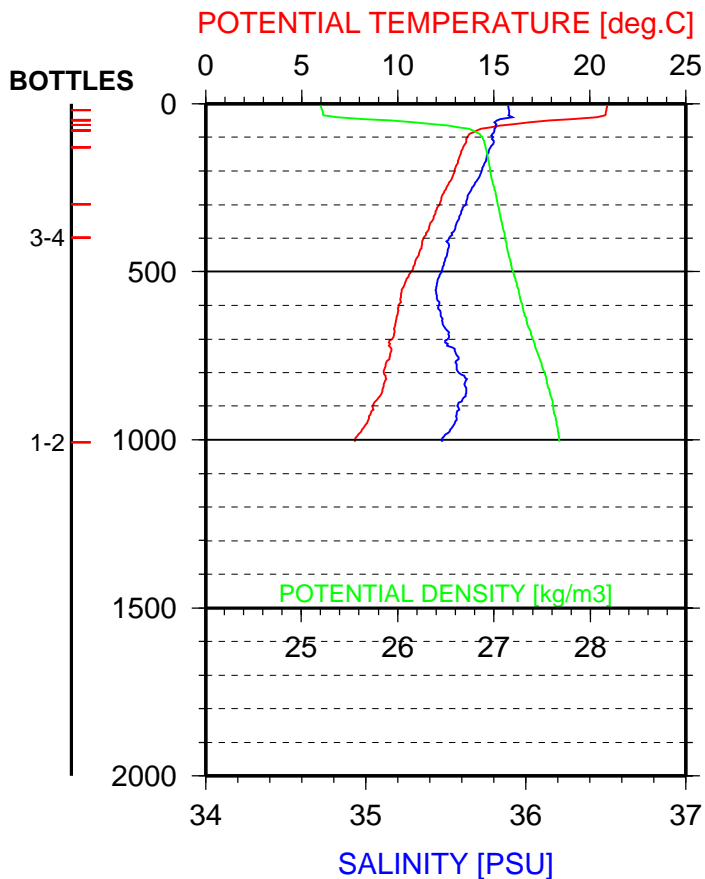
POMME3 - VALID STATION 3241

27 / 9 / 2001 - 10 h 44 m



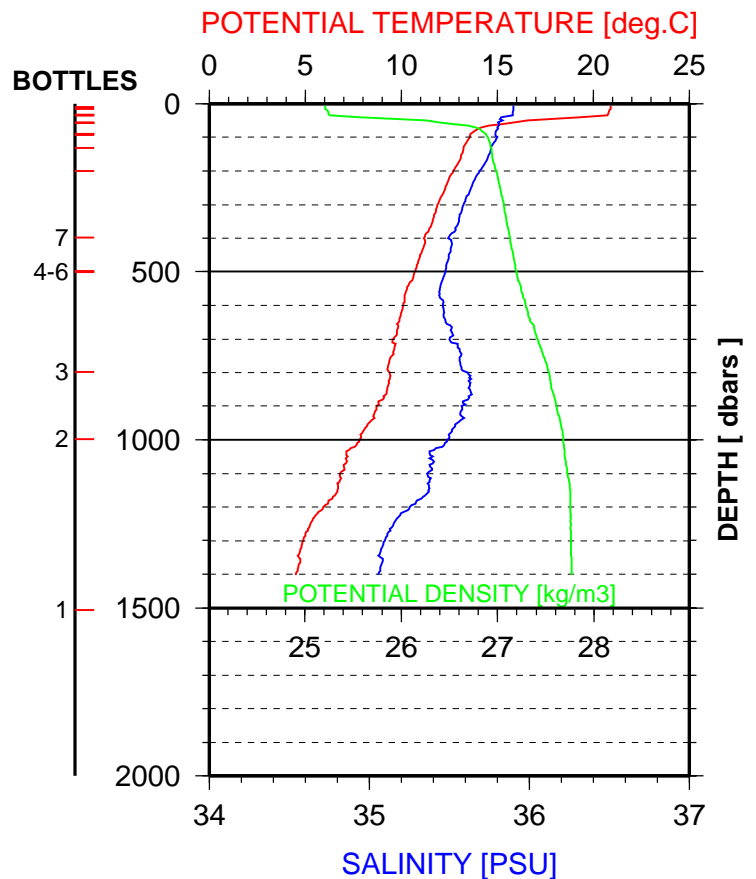
POMME3 - VALID STATION 3242

27 / 9 / 2001 - 16 h 32 m



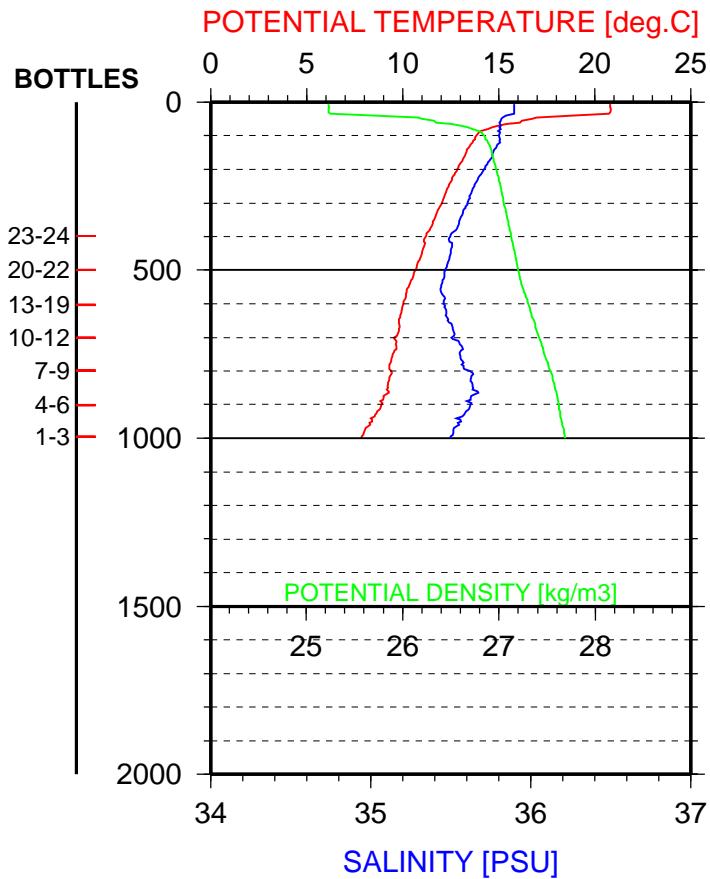
POMME3 - VALID STATION 3243

27 / 9 / 2001 - 18 h 26 m



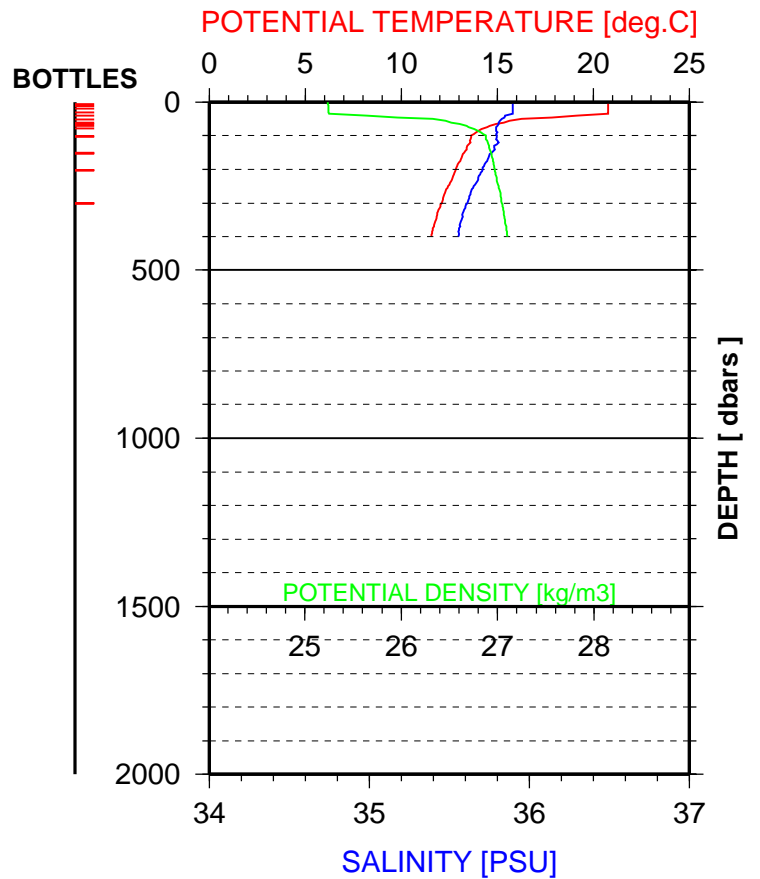
POMME3 - VALID STATION 3244

27 / 9 / 2001 - 23 h 32 m



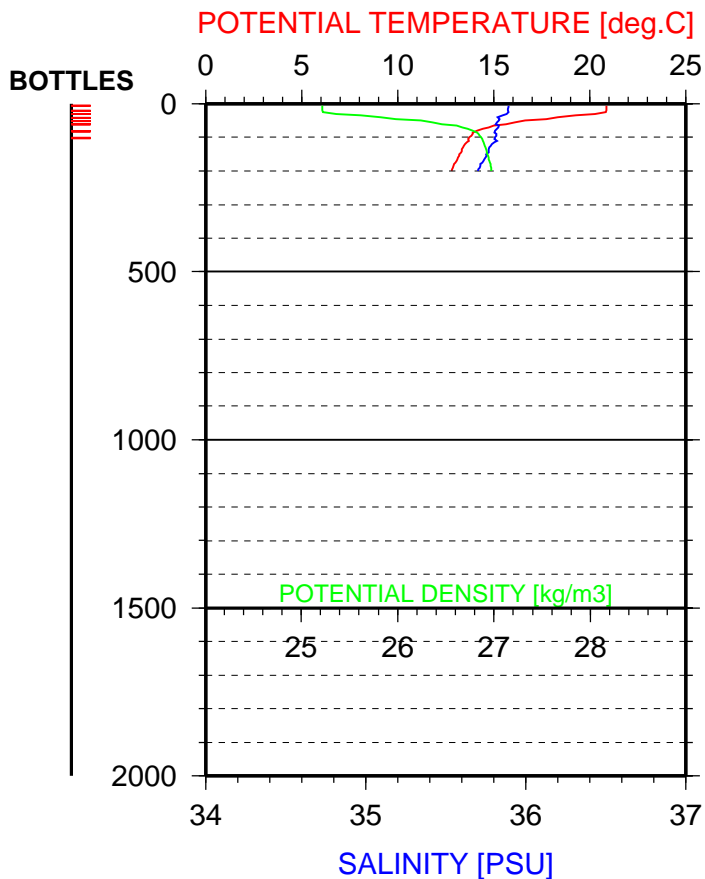
POMME3 - VALID STATION 3245

28 / 9 / 2001 - 2 h 0 m



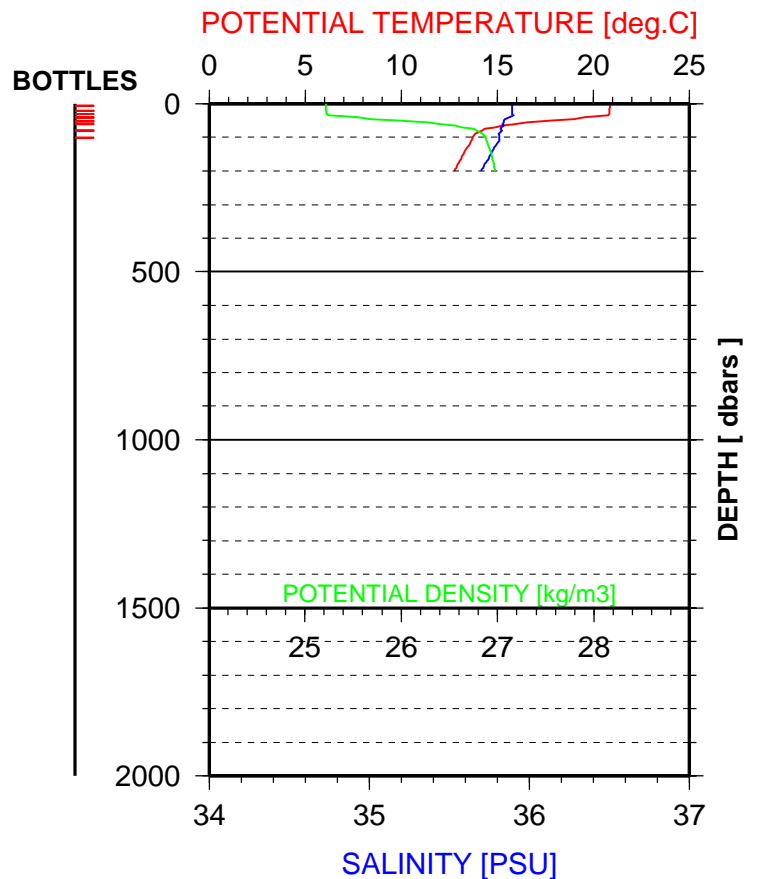
POMME3 - VALID STATION 3246

28 / 9 / 2001 - 3 h 10 m



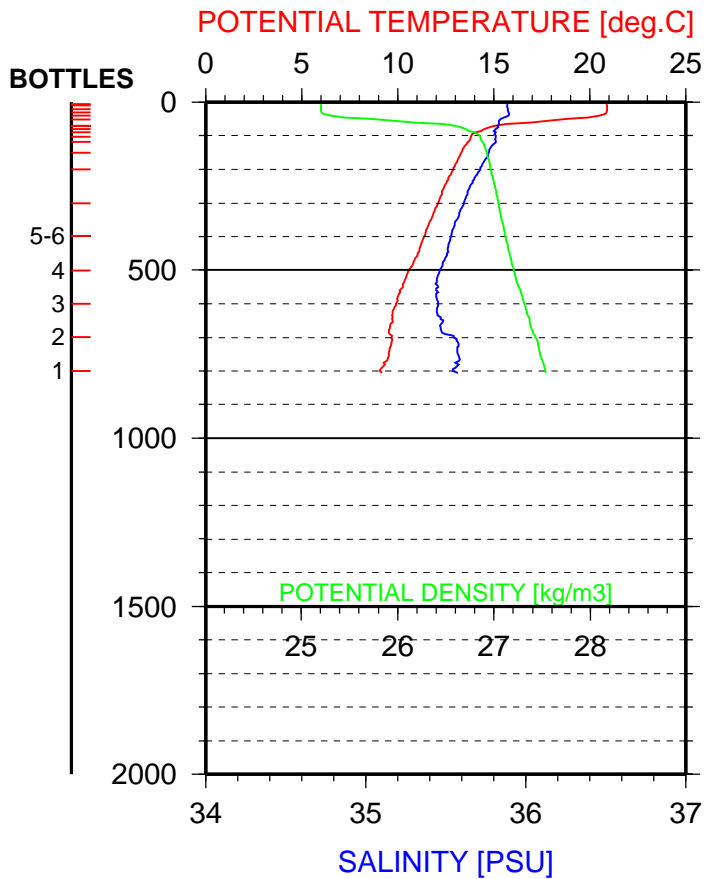
POMME3 - VALID STATION 3247

28 / 9 / 2001 - 4 h 33 m



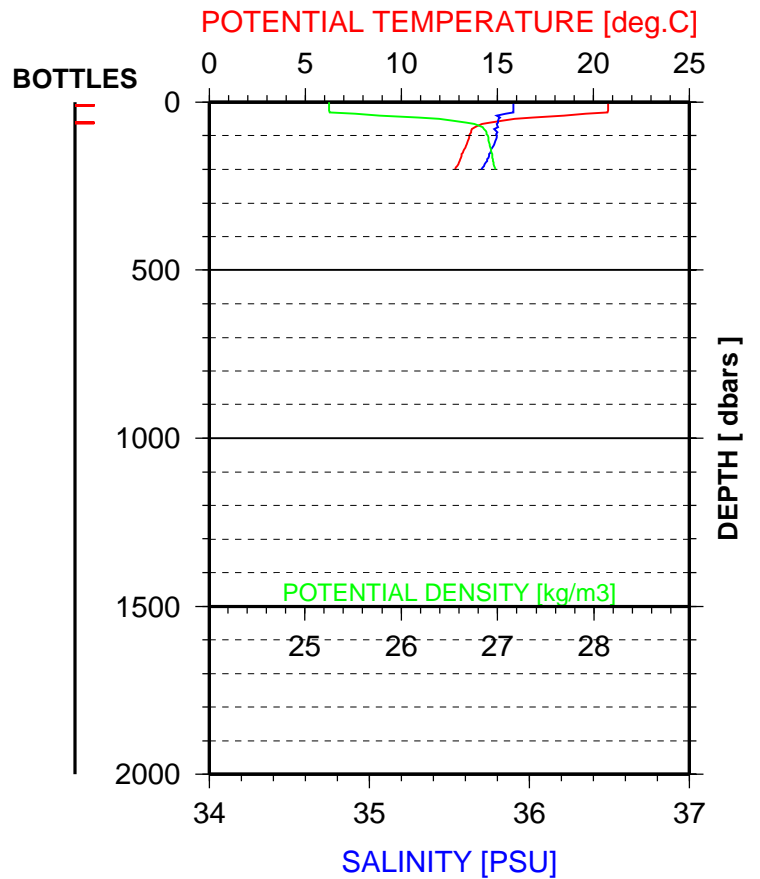
POMME3 - VALID STATION 3248

28 / 9 / 2001 - 6 h 4 m



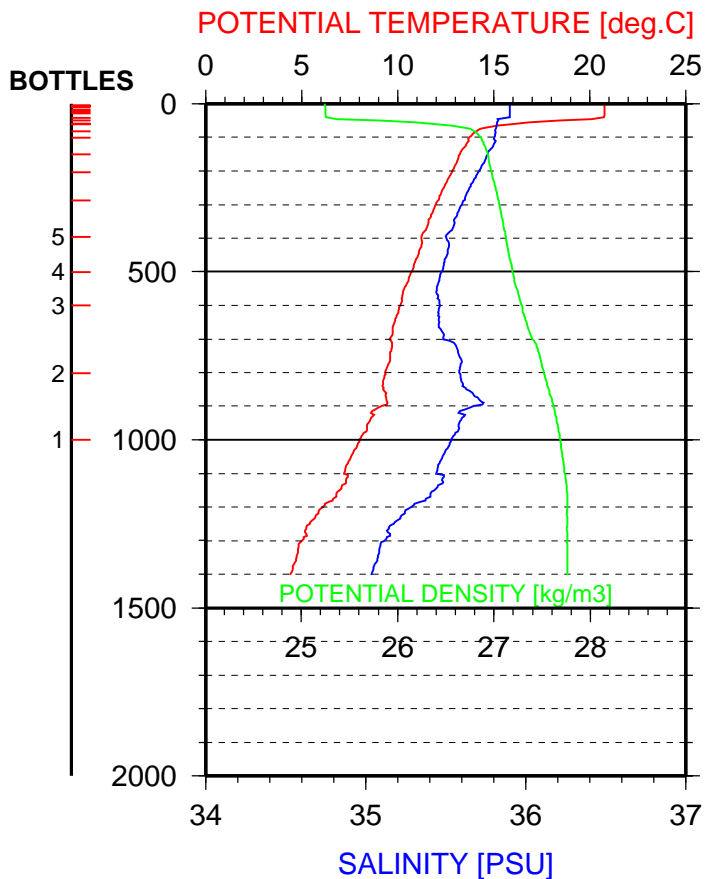
POMME3 - VALID STATION 3249

28 / 9 / 2001 - 7 h 59 m



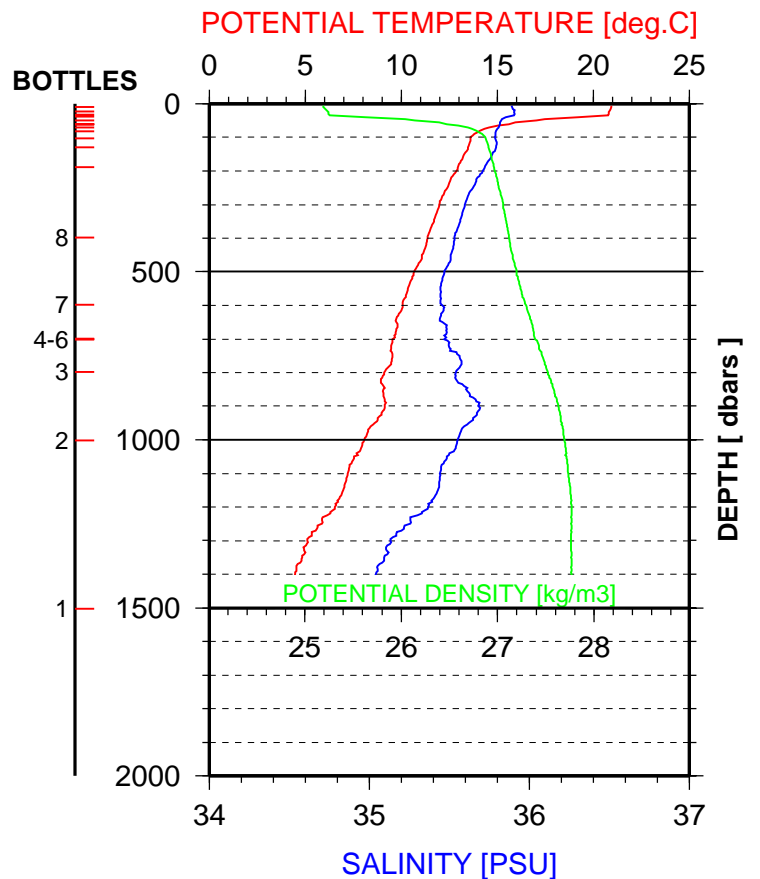
POMME3 - VALID STATION 3250

28 / 9 / 2001 - 12 h 15 m



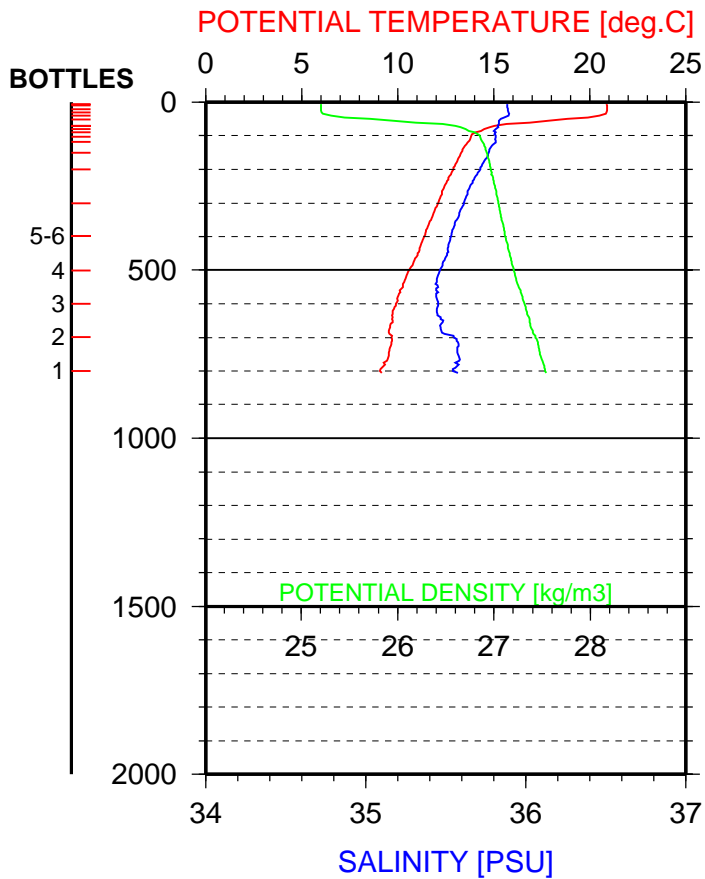
POMME3 - VALID STATION 3251

28 / 9 / 2001 - 20 h 20 m



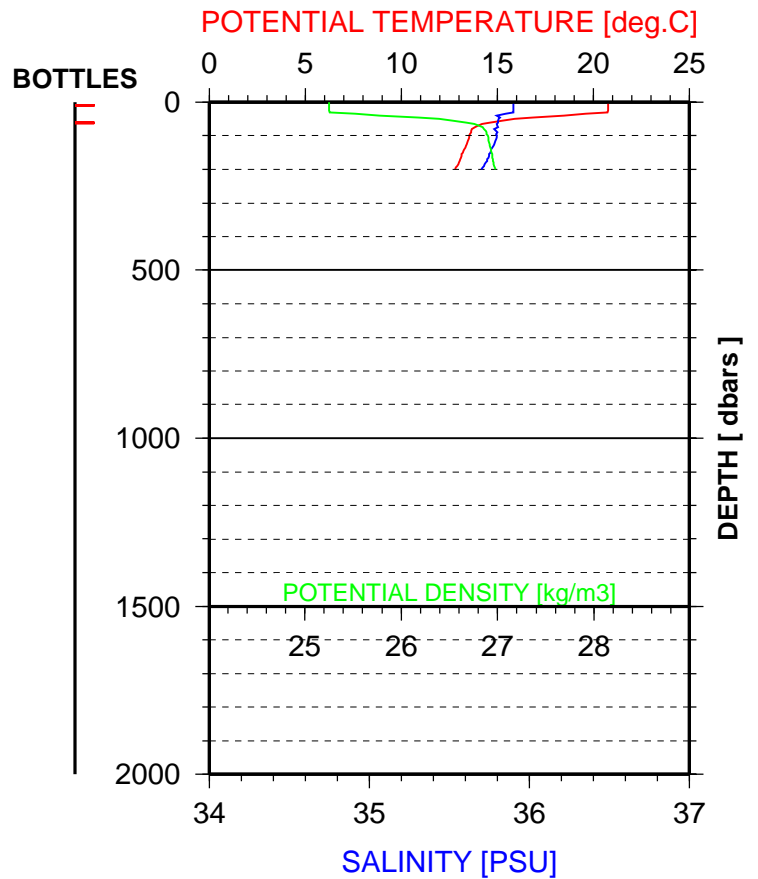
POMME3 - VALID STATION 3248

28 / 9 / 2001 - 6 h 4 m



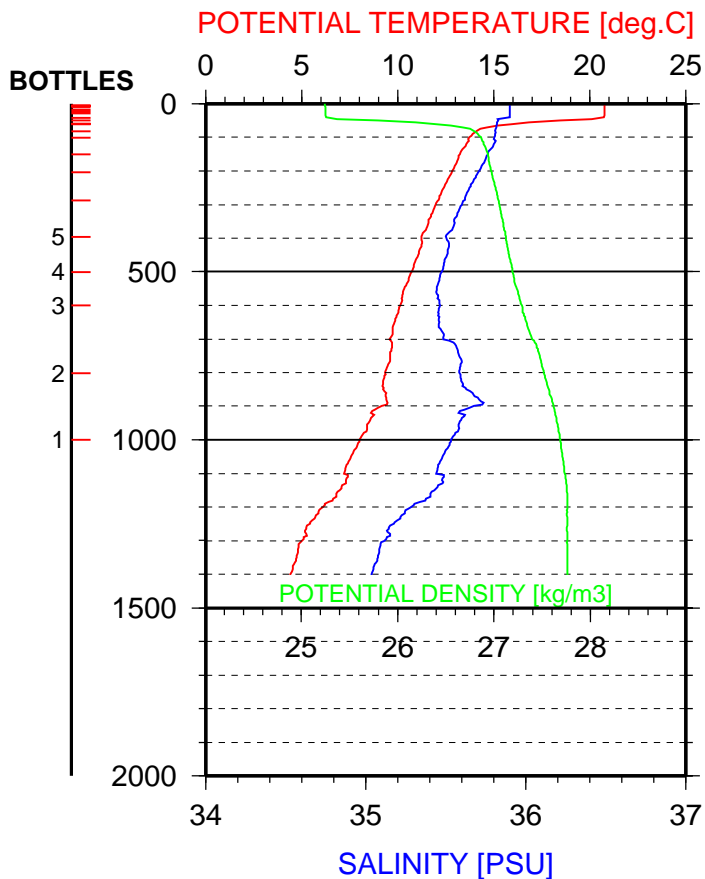
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28 / 9 / 2001 - 7 h 59 m



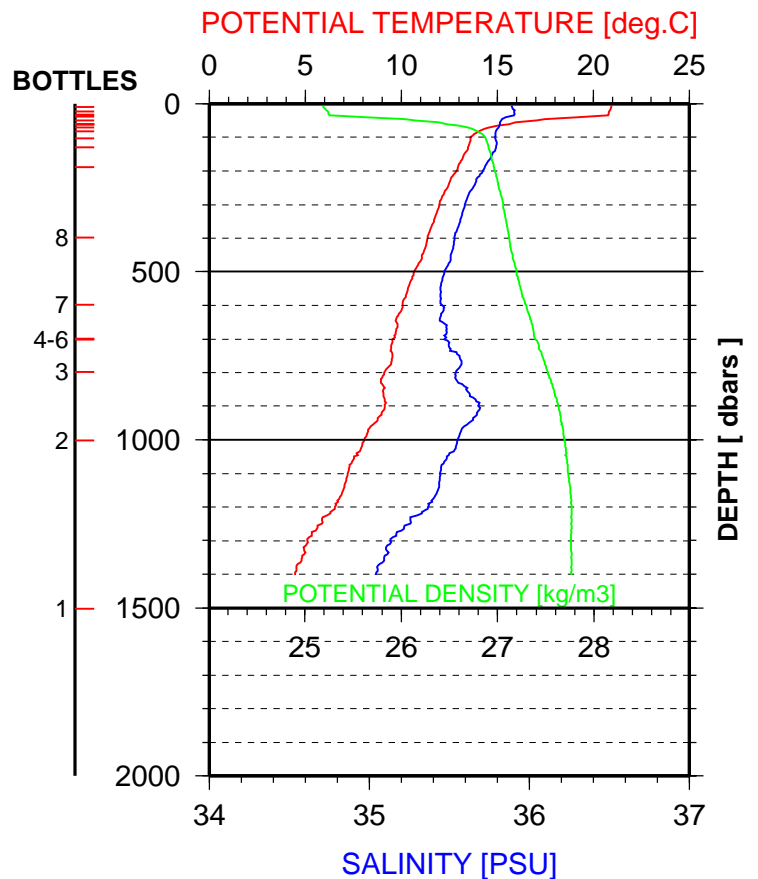
POMME3 - VALID STATION 3250

28 / 9 / 2001 - 12 h 15 m



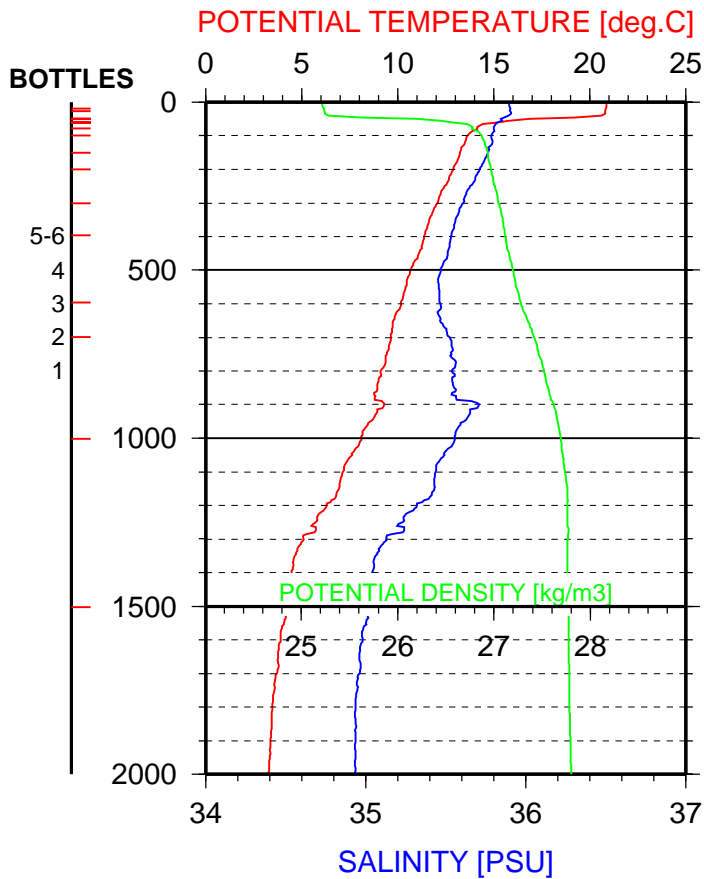
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28 / 9 / 2001 - 20 h 20 m



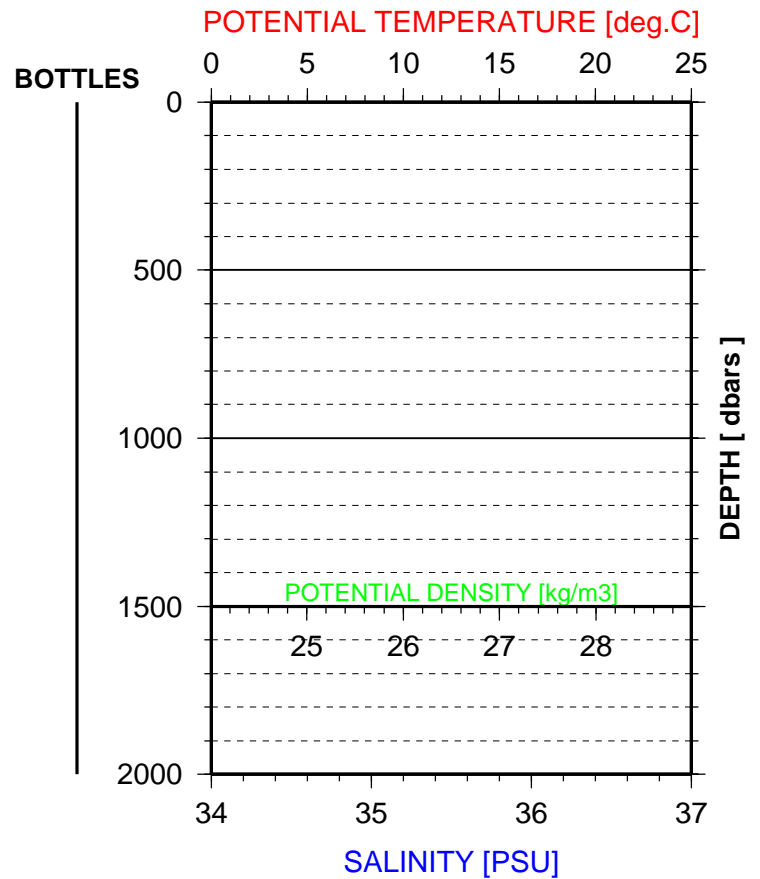
POMME3 - VALID STATION 3252

29 / 9 / 2001 - 10 h 55 m



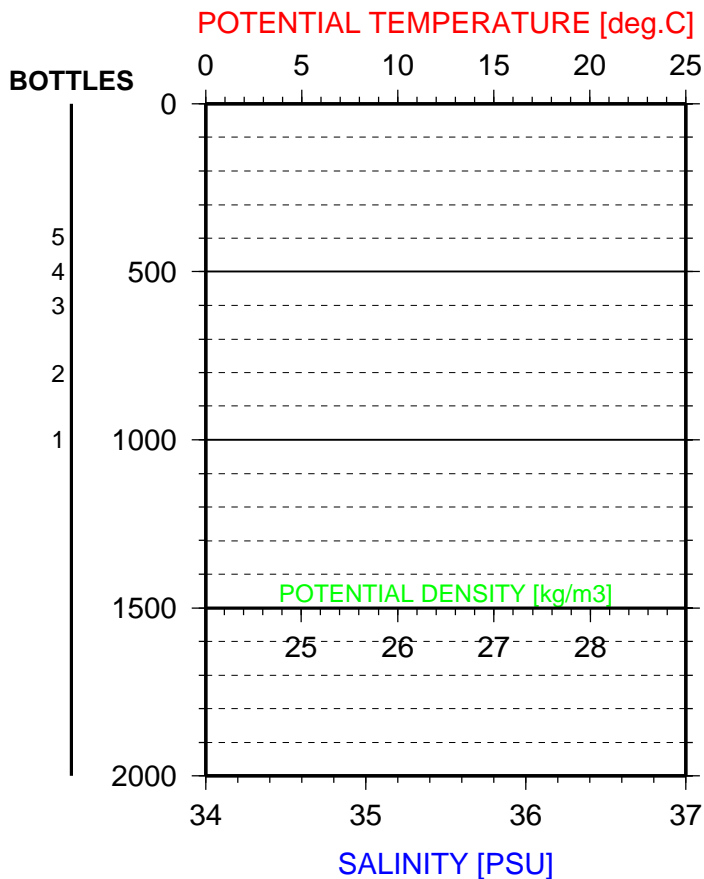
POMME3 - VALID STATION 3253

/ / 200 - h m



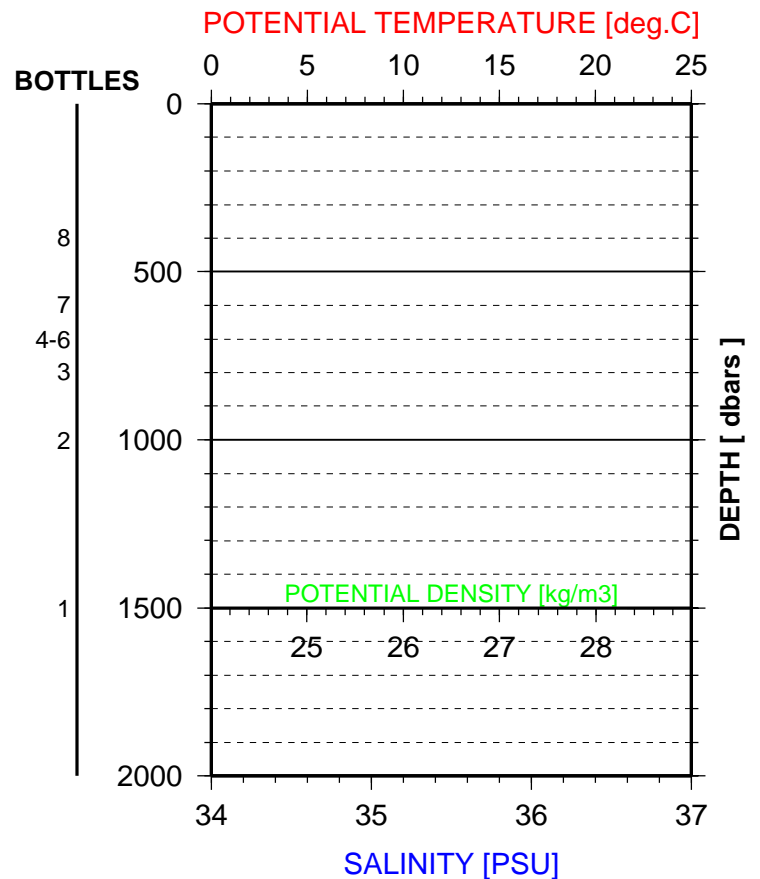
POMME3 - VALID STATION 3254

/ / 200 - h m



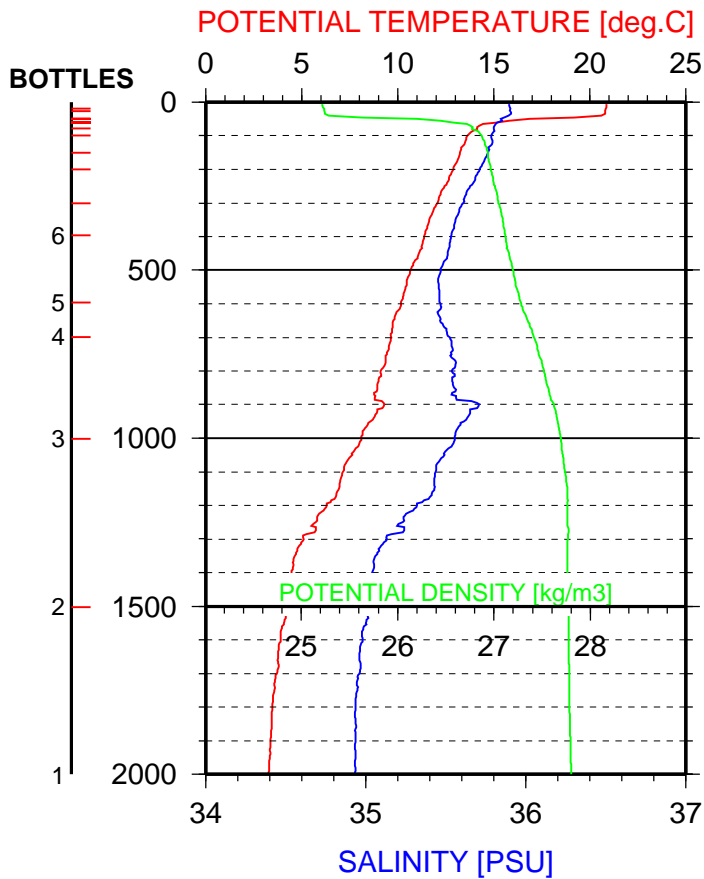
POMME3 - VALID STATION 3255

/ / 200 - h m



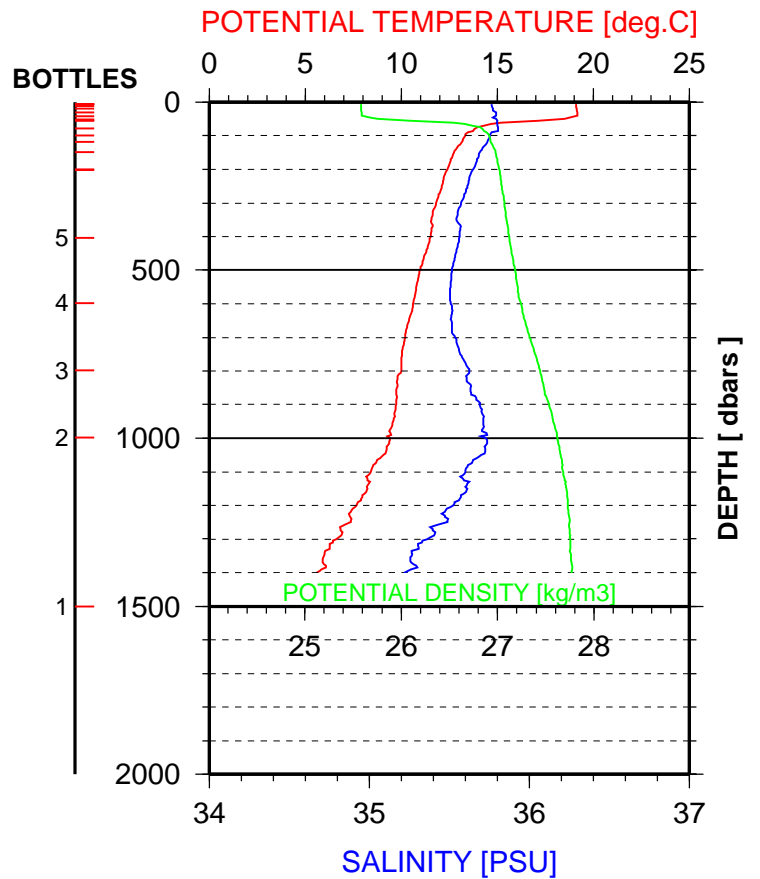
POMME3 - VALID STATION 3252

29 / 9 / 2001 - 10 h 55 m



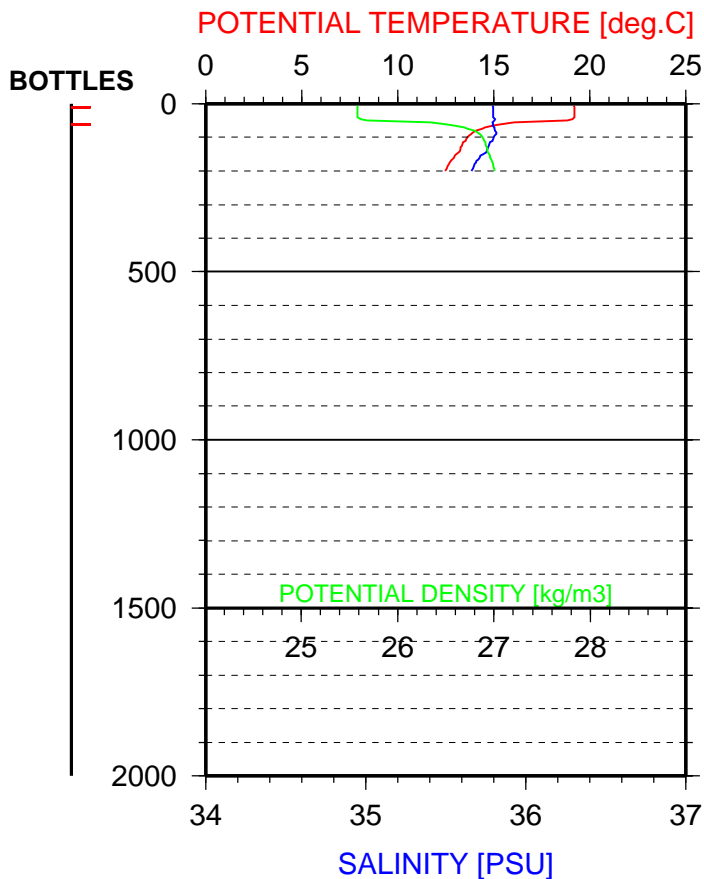
POMME3 - VALID STATION 3323

2 / 10 / 2001 - 3 h 12 m



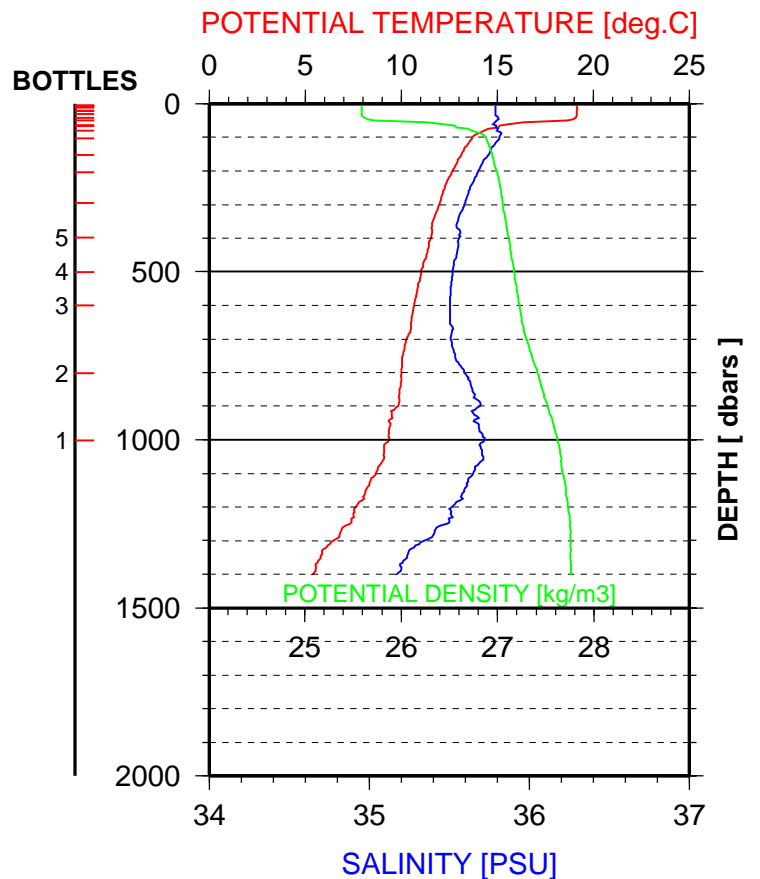
POMME3 - VALID STATION 3324

2 / 10 / 2001 - 8 h 12 m



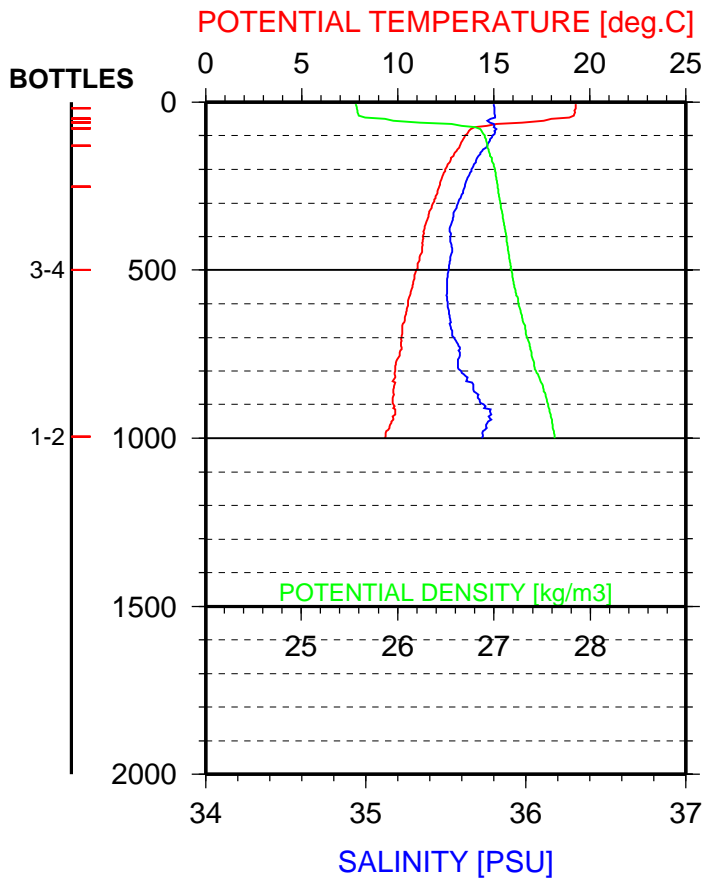
POMME3 - VALID STATION 3325

2 / 10 / 2001 - 9 h 18 m



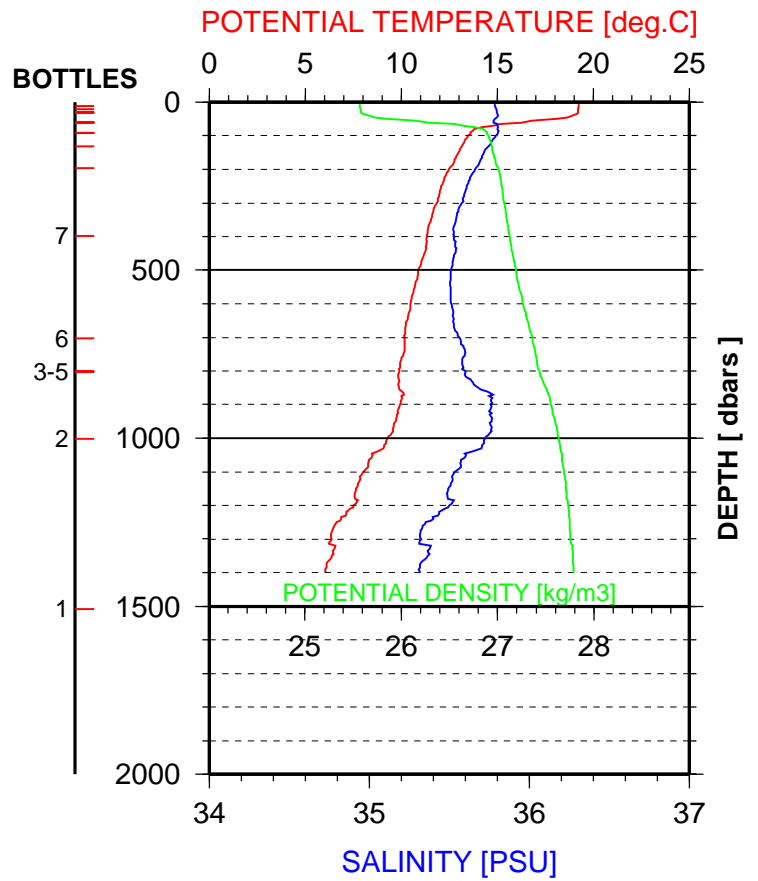
POMME3 - VALID STATION 3326

2 / 10 / 2001 - 15 h 31 m



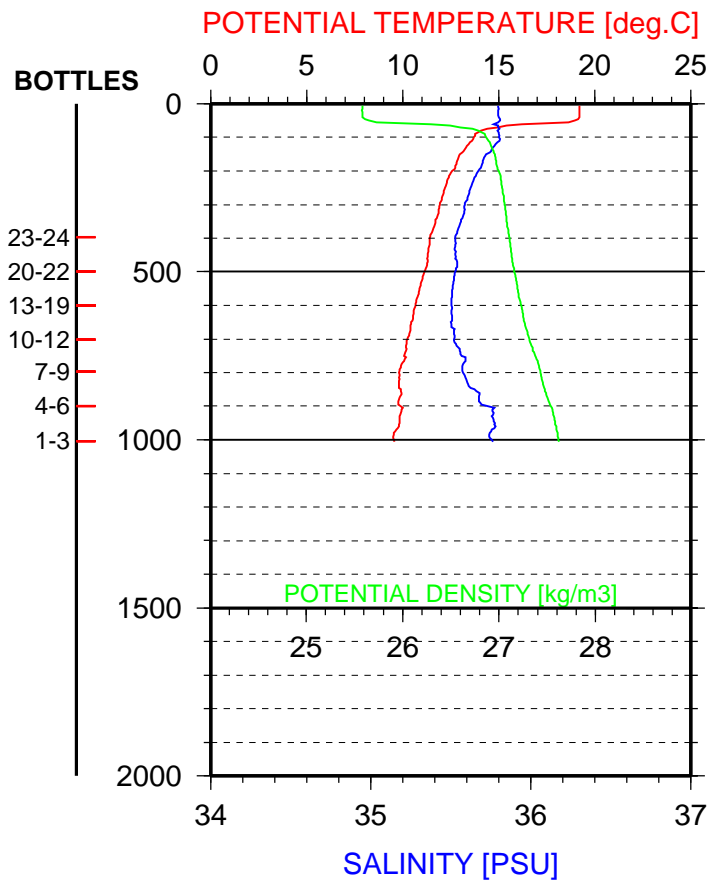
POMME3 - VALID STATION 3327

2 / 10 / 2001 - 17 h 27 m



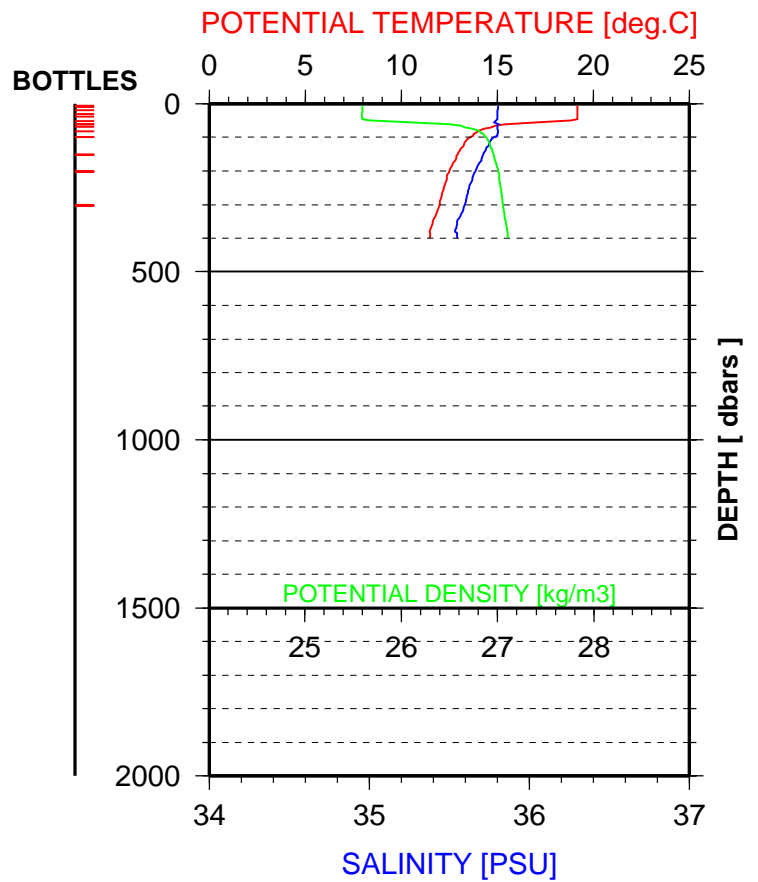
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2 / 10 / 2001 - 20 h 12 m



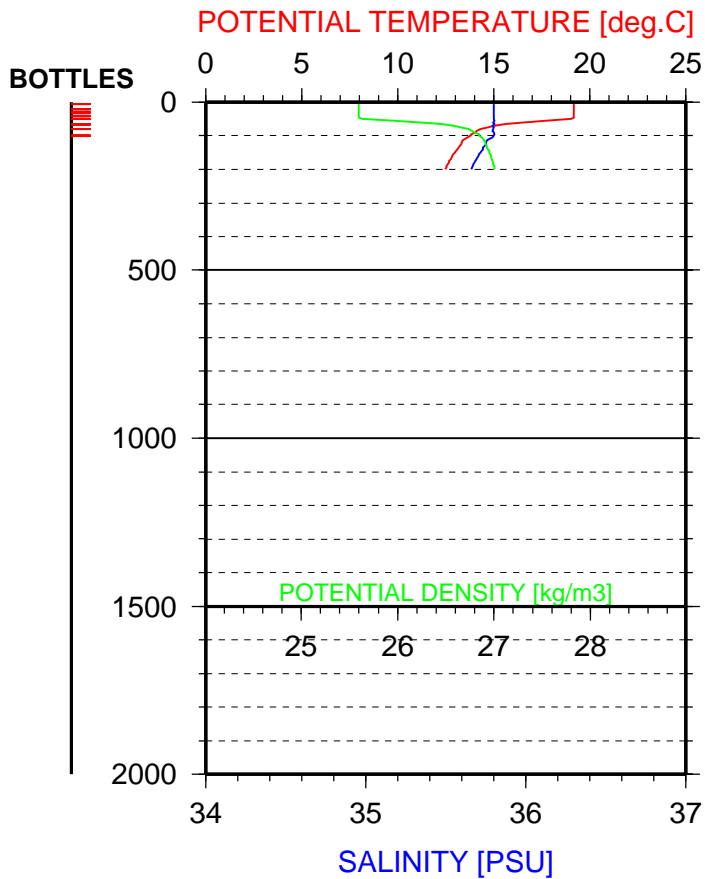
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3 / 10 / 2001 - 1 h 38 m



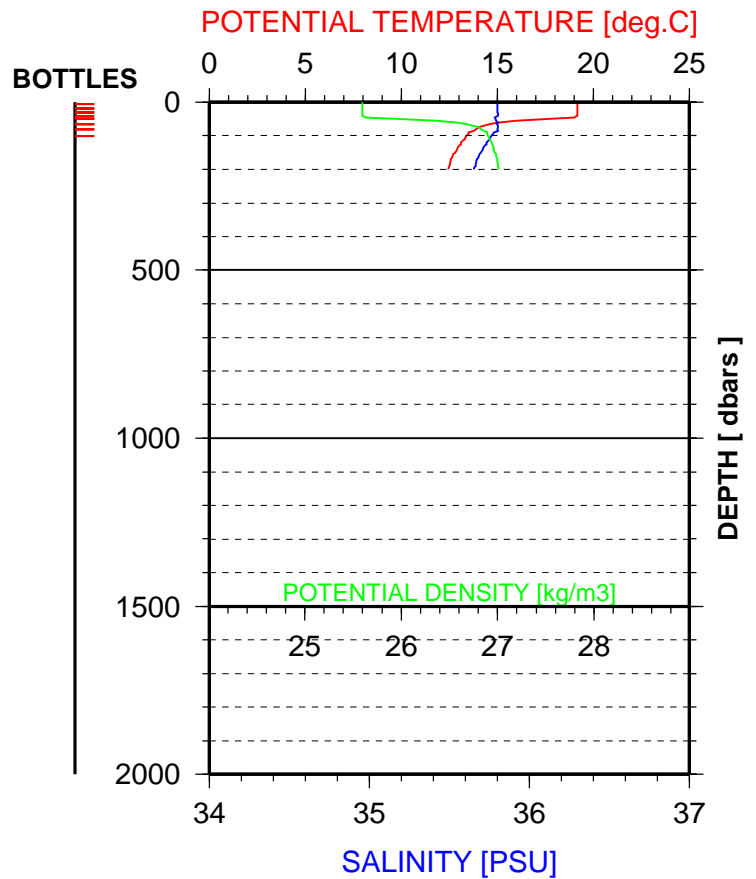
POMME3 - VALID STATION 3330

3 / 10 / 2001 - 2 h 46 m



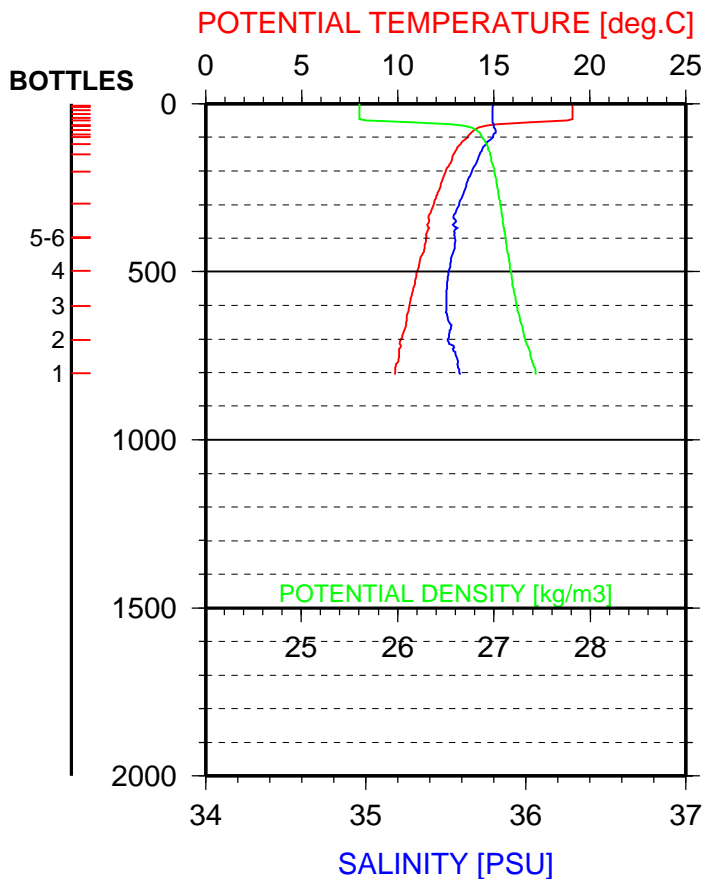
POMME3 - VALID STATION 3331

3 / 10 / 2001 - 4 h 4 m



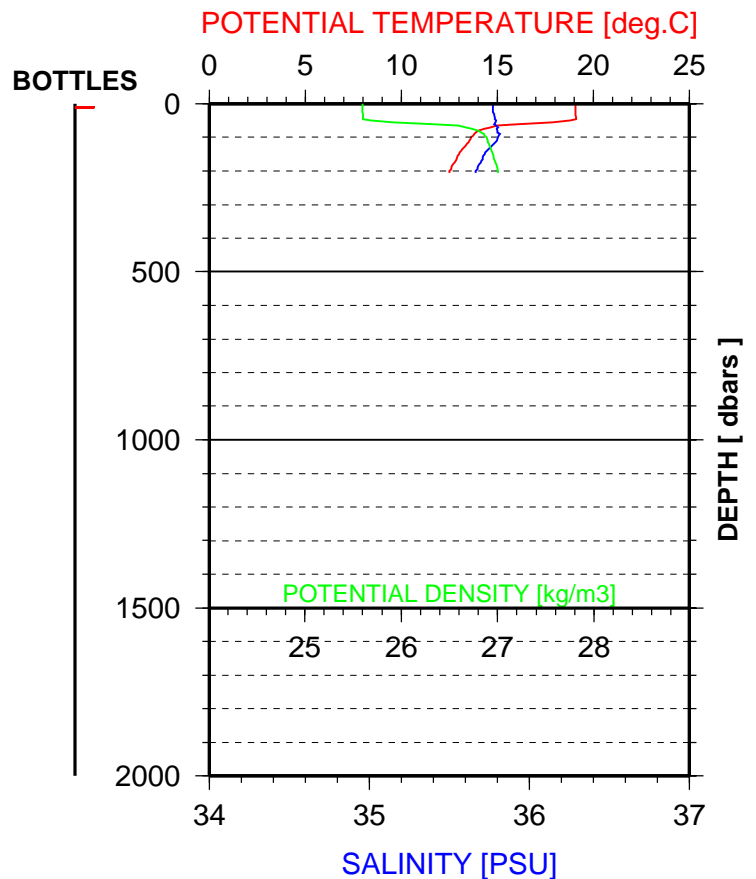
POMME3 - VALID STATION 3332

3 / 10 / 2001 - 5 h 39 m



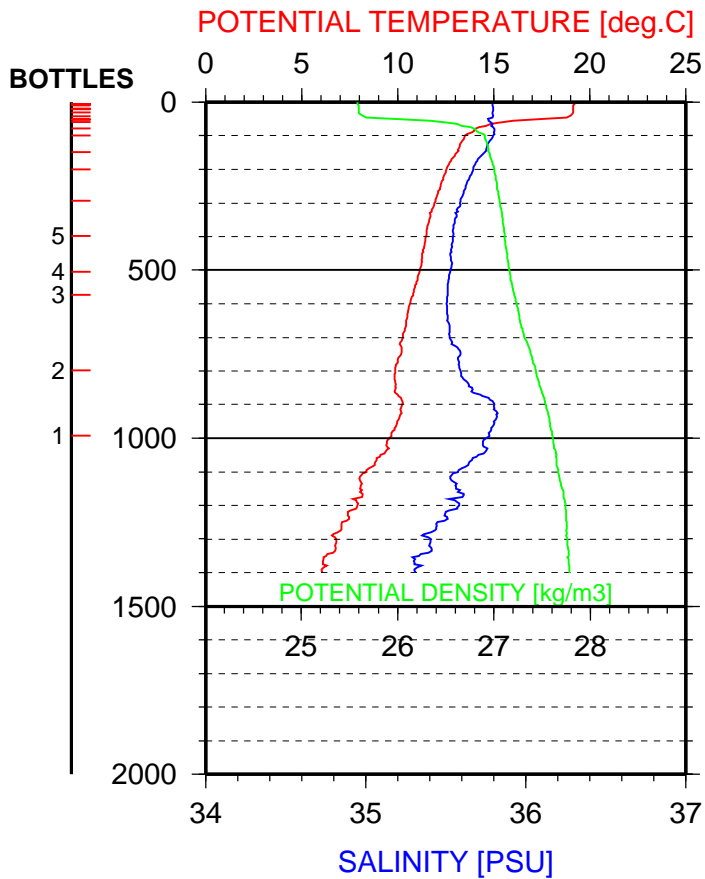
POMME3 - VALID STATION 3333

3 / 10 / 2001 - 7 h 36 m



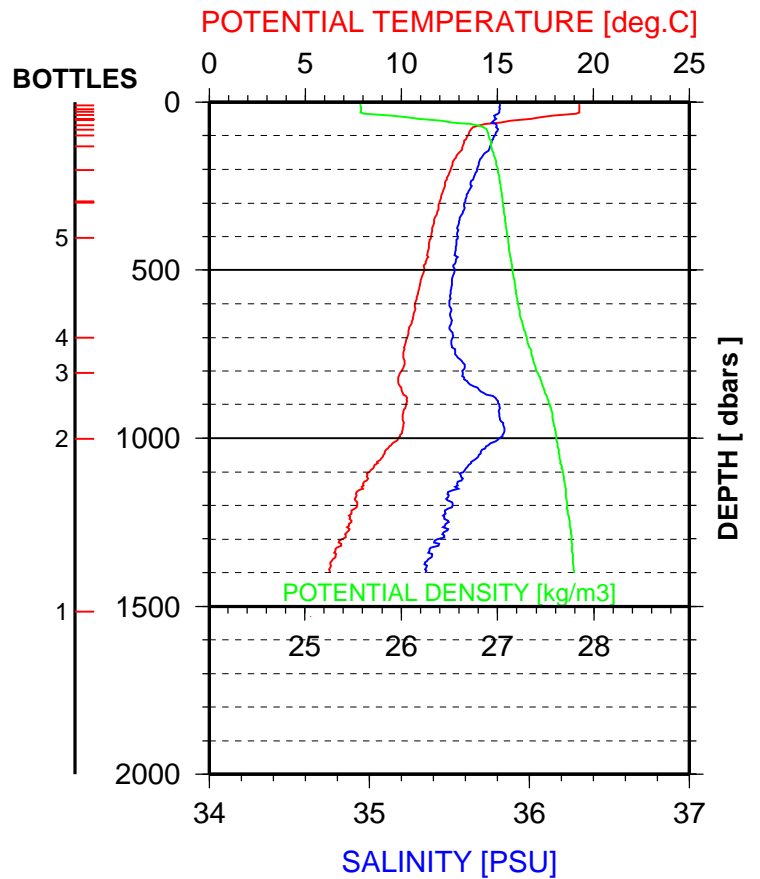
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3 / 10 / 2001 - 12 h 12 m



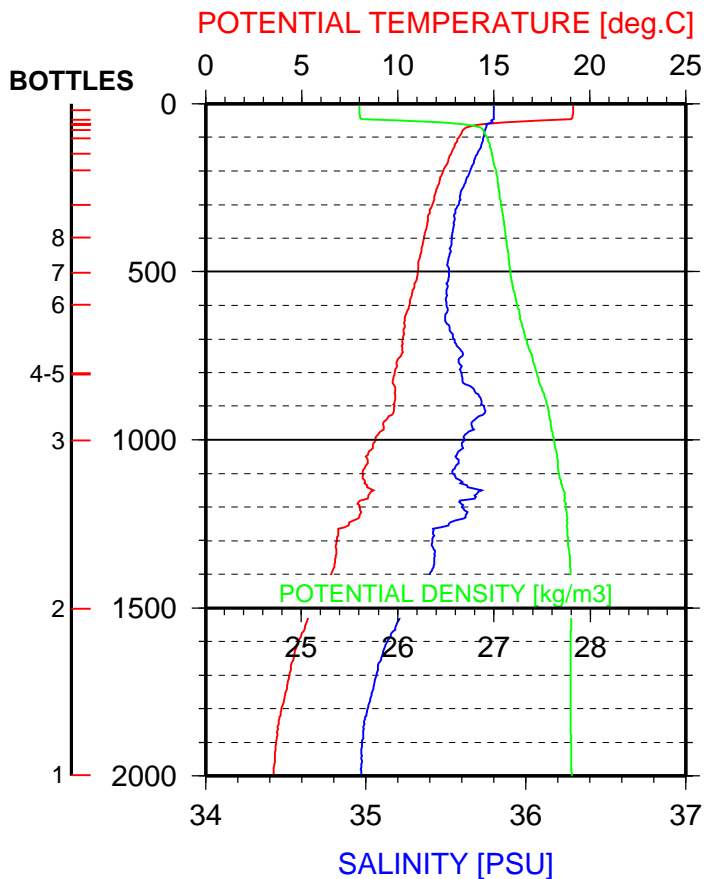
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3 / 10 / 2001 - 20 h 33 m



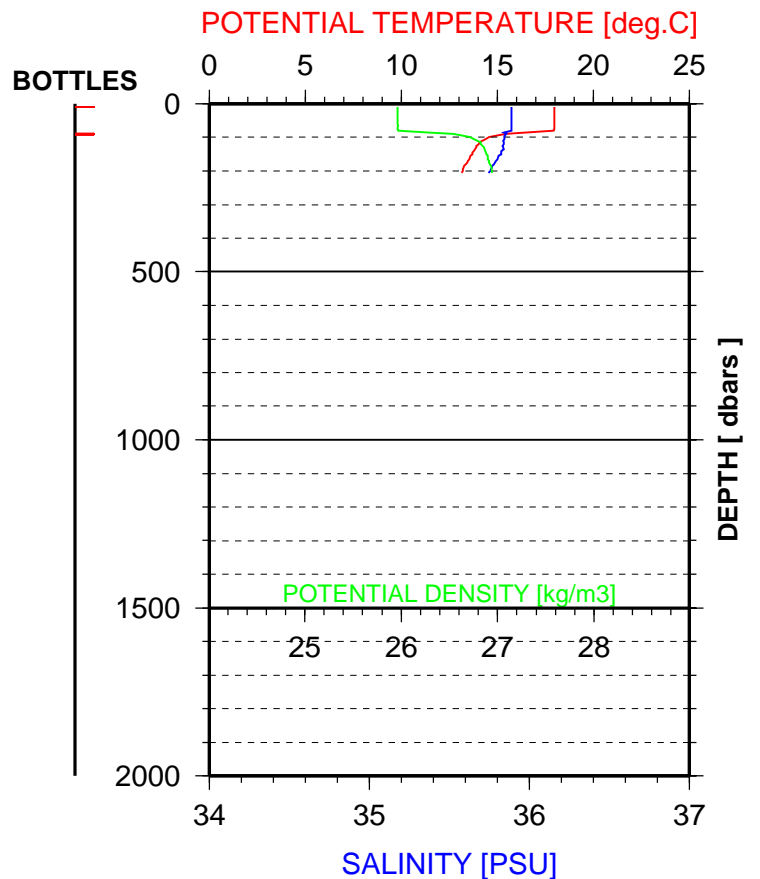
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4 / 10 / 2001 - 10 h 43 m



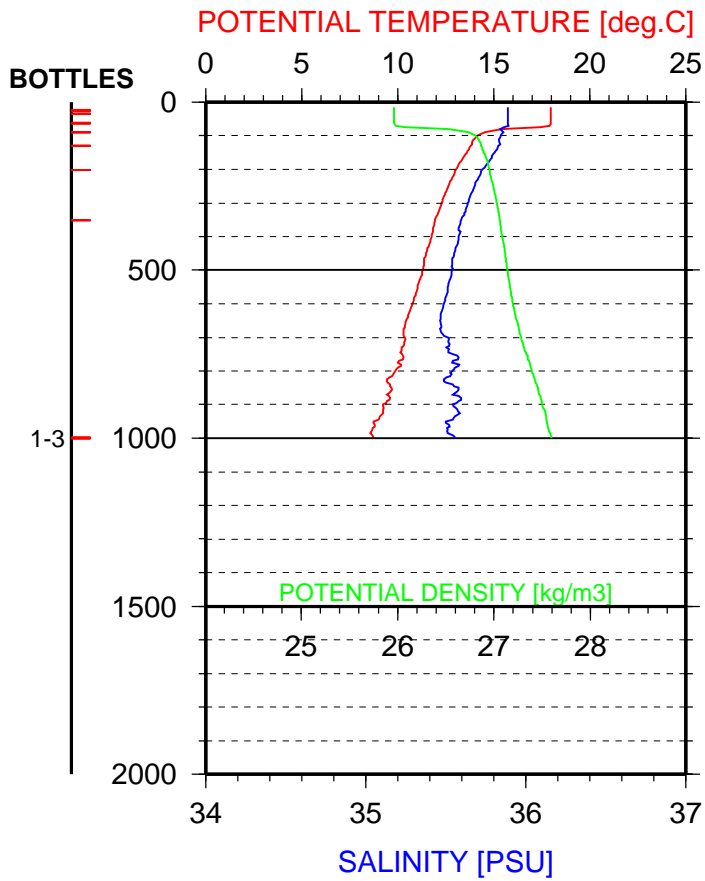
POMME3 - VALID STATION 3337

8 / 10 / 2001 - 9 h 22 m



POMME3 - VALID STATION 3338

8 / 10 / 2001 - 10 h 18 m



POMME3 - VALID STATION 3339

8 / 10 / 2001 - 13 h 18 m

