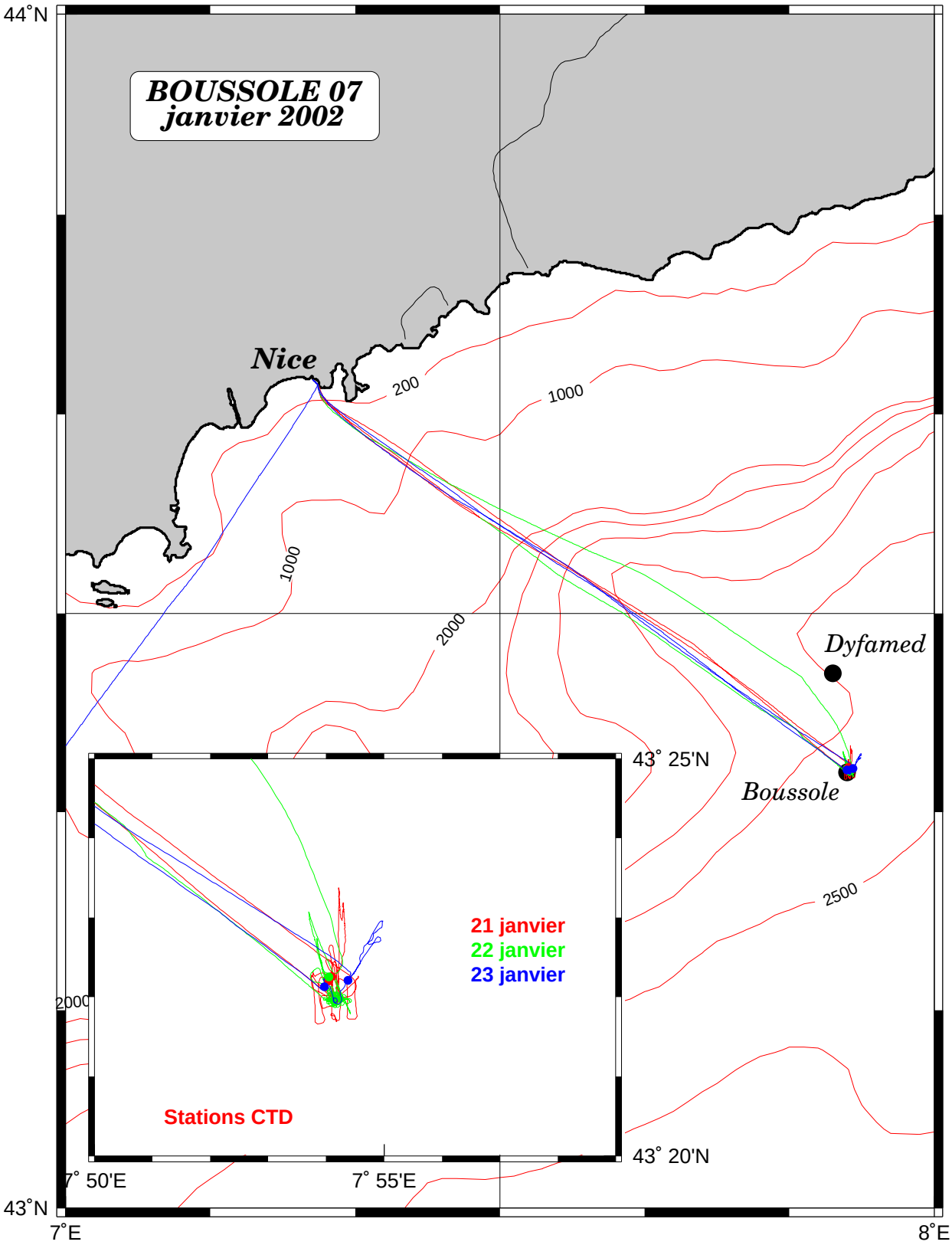


GMT 2003 Aug 28 15:51:21

Date: 21 janvier 2002

ASCII file: C:\Boussole\janv2002\ctd\raw\calib.CON

Configuration report for SBE 911/917 plus CTD SN # 0294

Frequency channels suppressed : 2
Voltage words suppressed : 0
Computer interface : RS-232C
Scans to average : 1
Surface PAR voltage added : Yes
NMEA position data added : No
Scan time added : No

1) Frequency channel 0, Temperature

Serial number : **2473**
Calibrated on : 02-Dec-00
G : 4.36753639e-003
H : 6.43725395e-004
I : 2.37679092e-005
J : 2.31501071e-006
F0 : 1000.000
Slope : 1.00000000
Offset : 0.0000

2) Frequency channel 1, Conductivity

Serial number : **2059**
Calibrated on : 06-Dec-00
G : -1.06183273e+001
H : 1.44575329e+000
I : -3.72929461e-003
J : 3.47841015e-004
CTcor : 3.2500e-006
CPcor : -9.57000000e-008
Slope : 1.00000000
Offset : 0.00000

3) Frequency channel 2, Pressure, Digiquartz with TC

Serial number : **51394**
Calibrated on : 02-02-1993
C1 : -4.258615e+004
C2 : 2.491740e-001
C3 : 1.368020e-002
D1 : 3.936700e-002
D2 : 0.000000e+000
T1 : 3.021358e+001
T2 : -2.613690e-004
T3 : 4.591050e-006
T4 : 1.633320e-009
T5 : 0.000000e+000
Slope : 1.00000000
Offset : 0.00000
AD590M : 1.145000e-002
AD590B : -8.133300e+000

4) Voltage channel 0, Oxygen Current, Beckman/YSI

Serial number : **130457**
Calibrated on : 11-Mar-97
M : 2.3380e-007
B : -3.0394e-011
Soc : 3.1762
Boc : -0.0534
Tcor : -0.0330
Pcor : 1.50e-004
Tau : 2.0
Wt : 0.67

5) Voltage channel 1, Oxygen Temperature, Beckman/YSI

Serial number : **130457**
Calibrated on : 11-Mar-97
K : 9.0863
C : -6.5701

6) Voltage channel 2, Fluorometer, Chelsea Aqua 3

Serial number : **88/2050/094**
Calibrated on : 23-Mar-94
VB : 0.300000
V1 : 2.009000
Vacetone : 0.390000
Scale factor : 1.000000
Slope : 1.000000
Offset : 0.000000

7) Voltage channel 3, Free

8) Voltage channel 4, Free

9) Voltage channel 5, Free

10) Voltage channel 6, Altimeter

Serial number : **464**
Calibrated on : 10-Nov-95
Scale factor : 5.000
Offset : 0.000

11) Voltage channel 7, Free

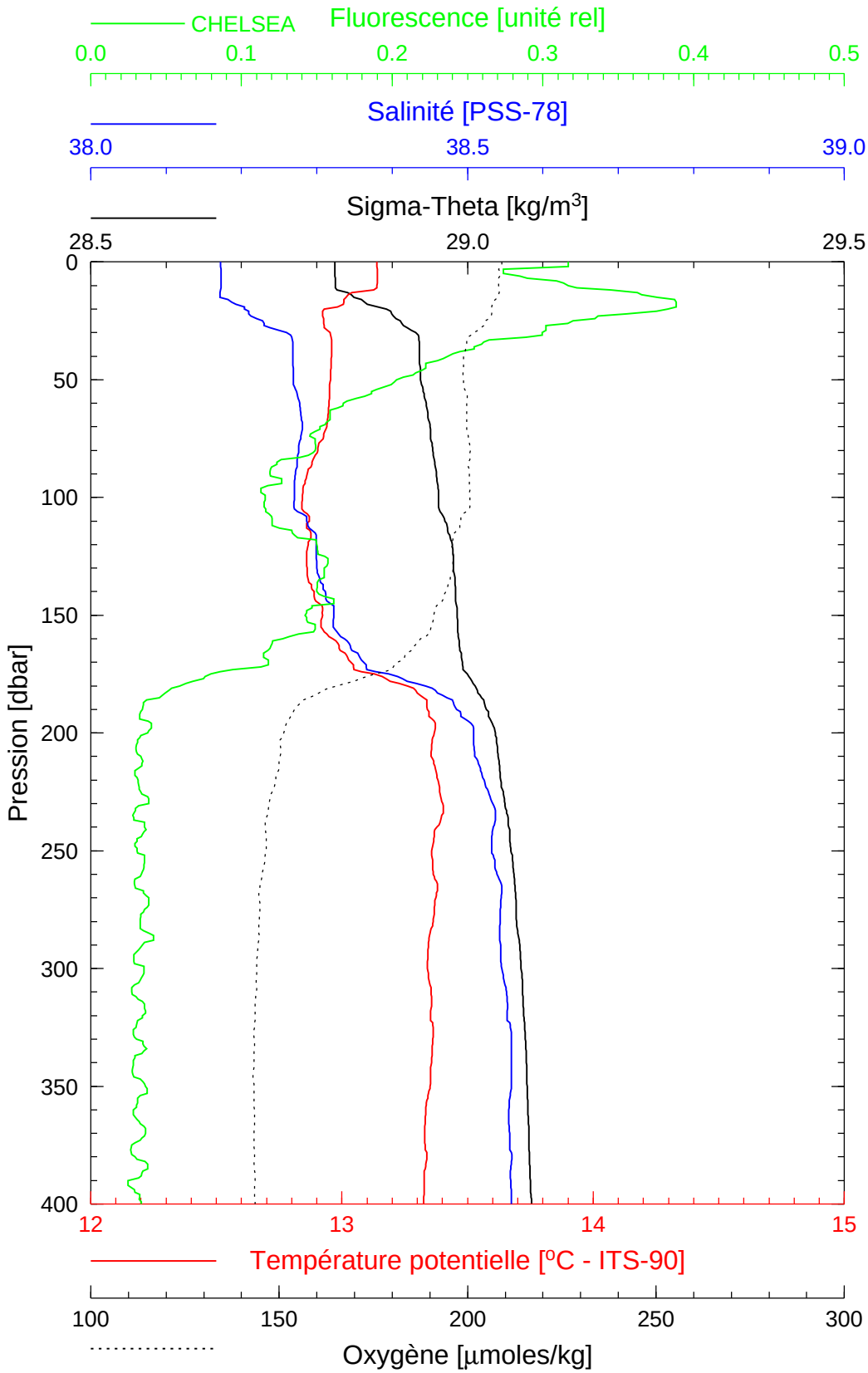
12) SPAR voltage, Unavailable

13) SPAR voltage, SPAR/Surface Irradiance

Serial number : **6326**
Calibrated on : 24-Feb-95
Conversion factor : 753.25000000
Ratio multiplier : 0.00000000

Boussole 07 **21/01/2002** **BOUS020121_01**

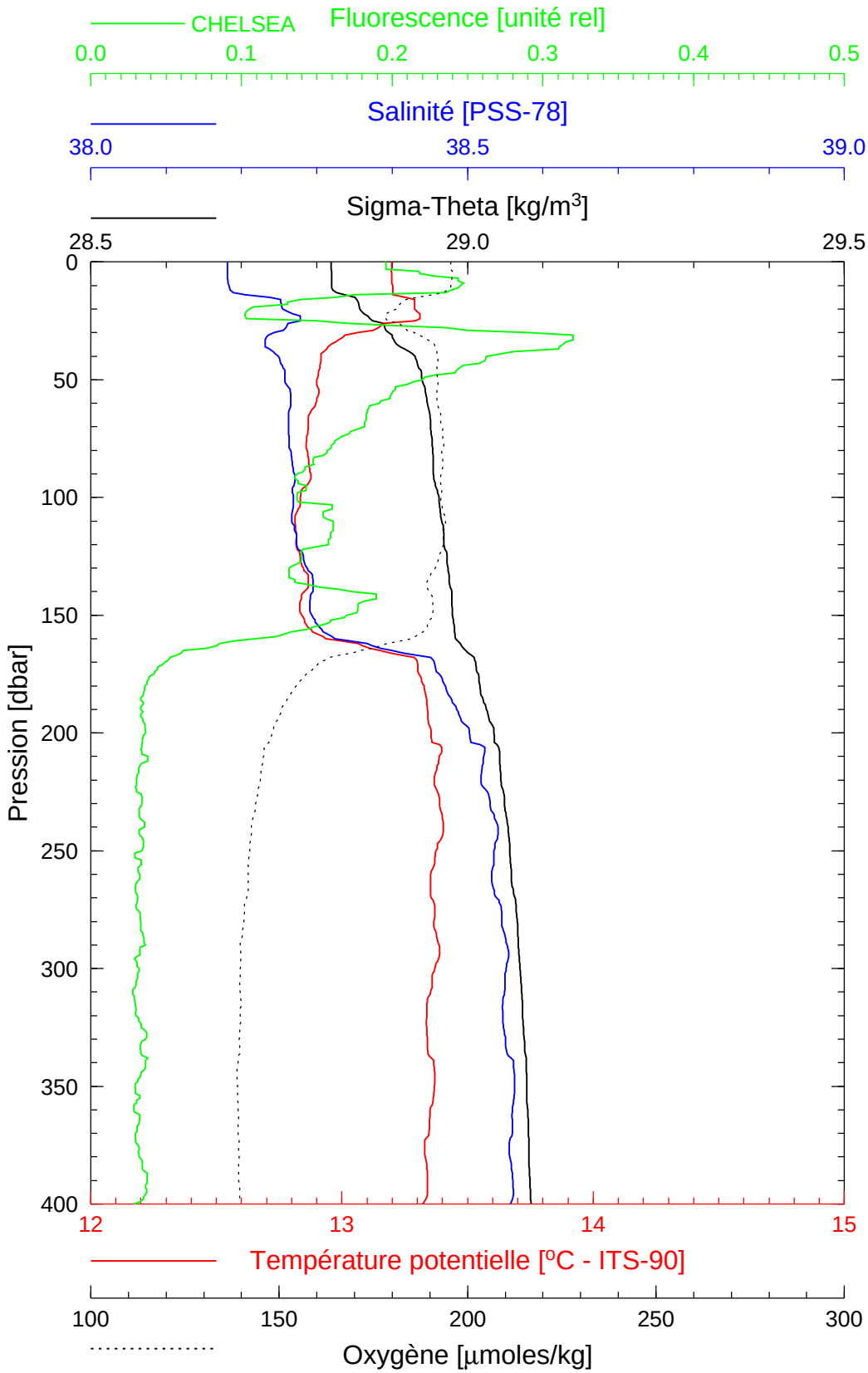
BOUS001



Date	*21/01/2002*	*Latitude*	*43º22.205 N*
Heure déb	*10h 17min [TU]*	*Longitude*	*07º54.044 E*

Boussole 07 **21/01/2002** **BOUS020121_02**

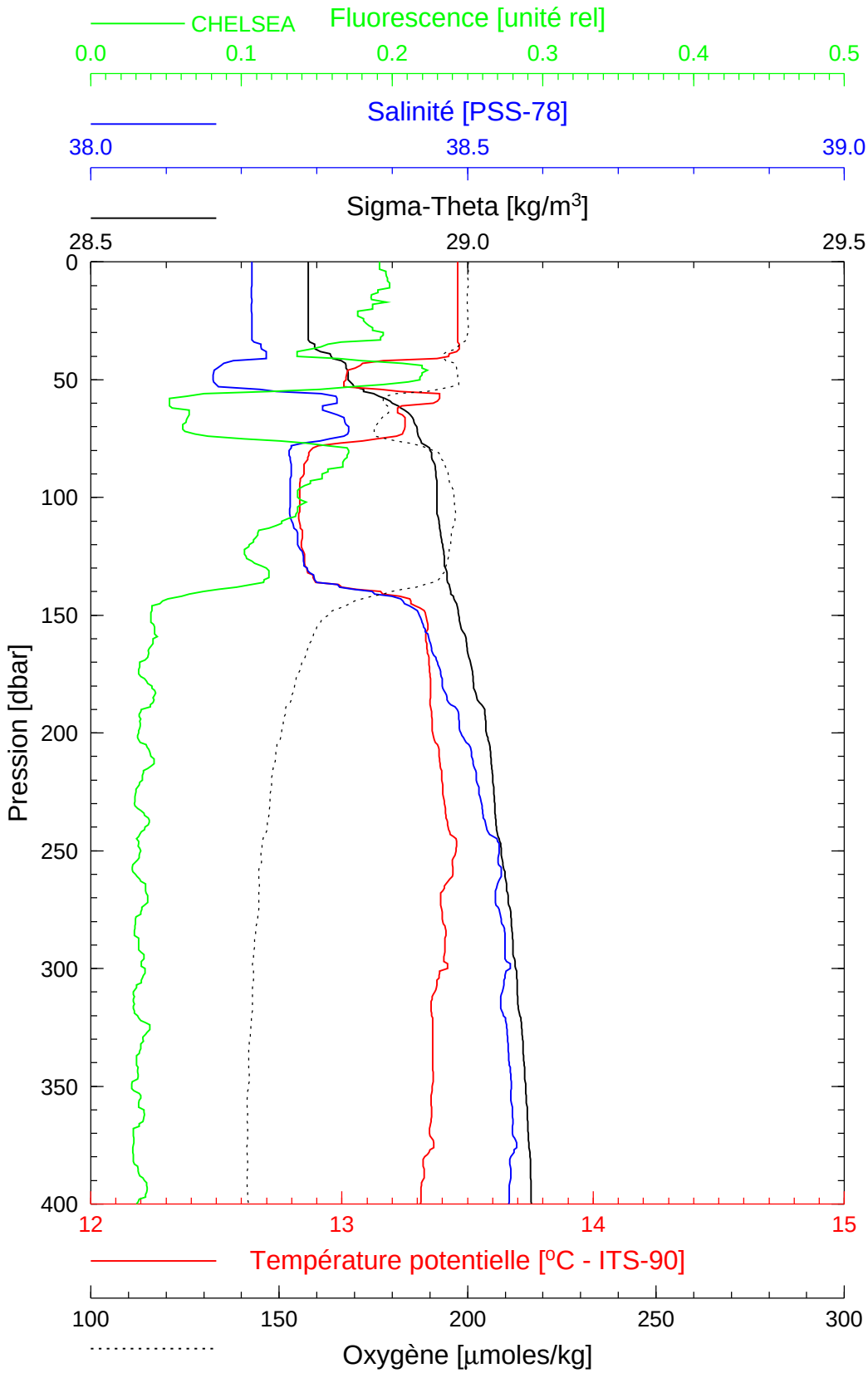
BOUS002



Date	*21/01/2002*	*Latitude*	*43º22.962 N*
Heure déb	*13h 20min [TU]*	*Longitude*	*07º54.401 E*

Boussole 07 **22/01/2002** **BOUS020122_01**

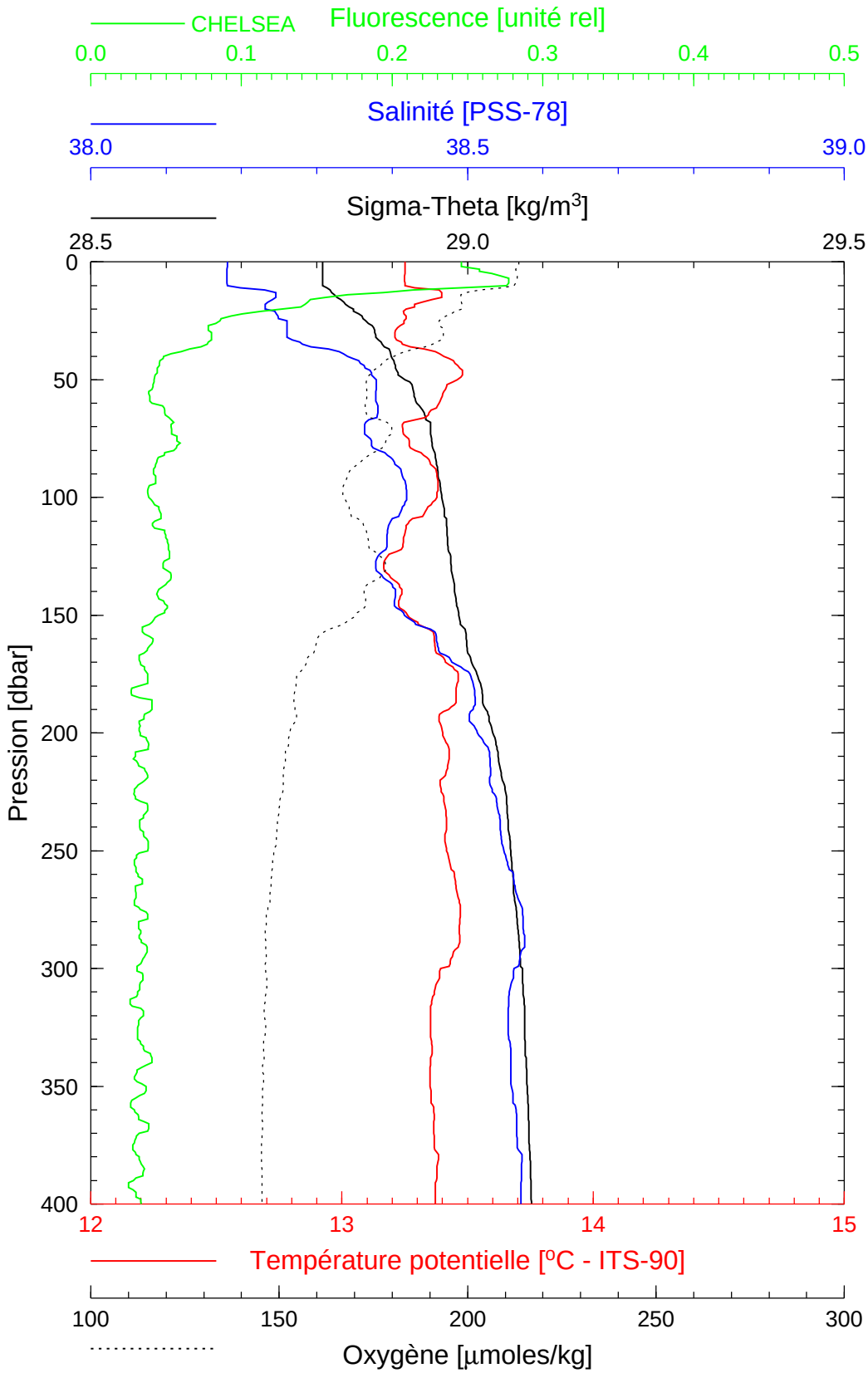
BOUS003



Date	*22/01/2002*	*Latitude*	*43º22.255 N*
Heure déb	*10h 25min [TU]*	*Longitude*	*07º54.044 E*

Boussole 07 **23/01/2002** **BOUS020123_01**

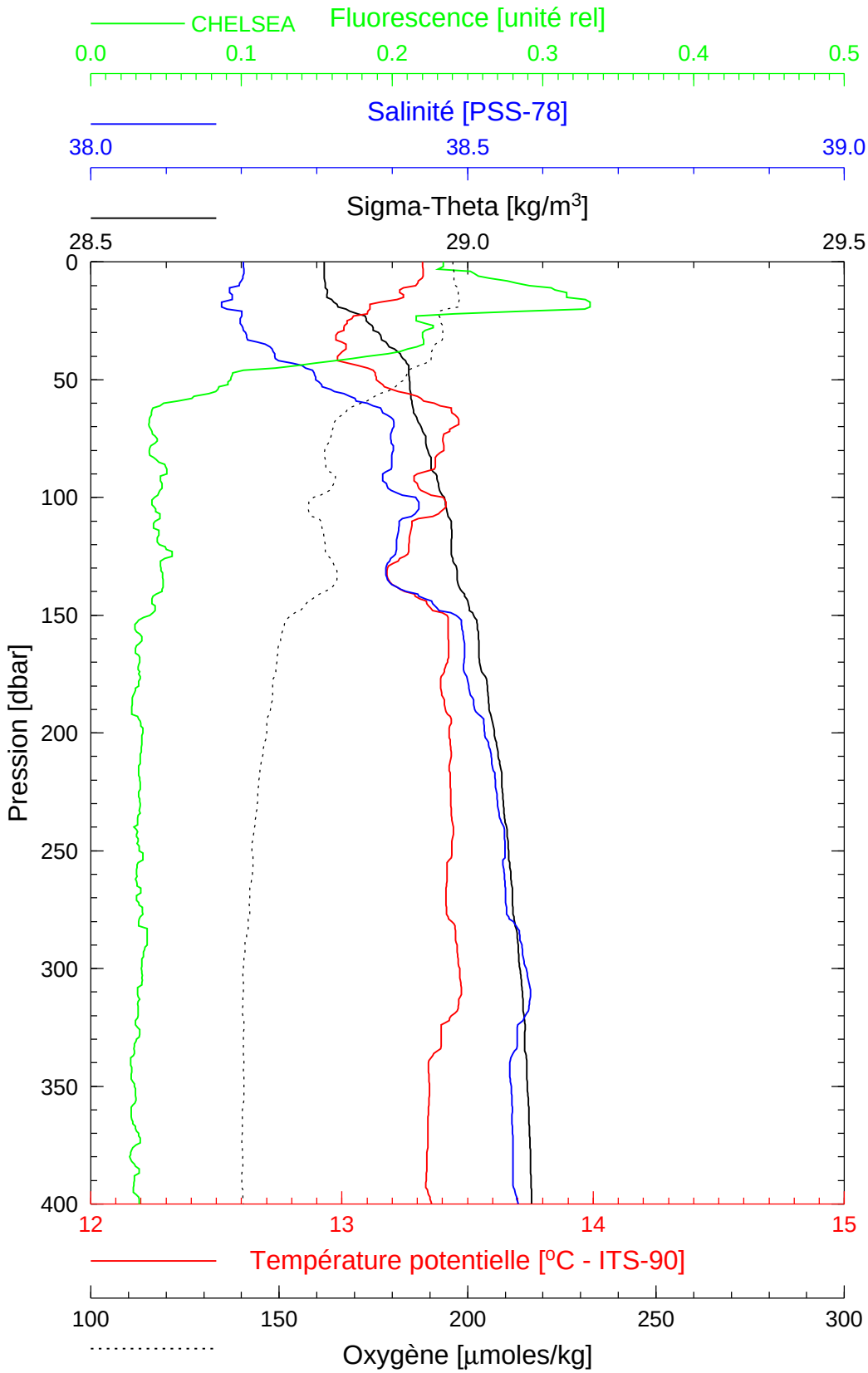
BOUS004



Date	*23/01/2002*	*Latitude*	*43º22.133 N*
Heure déb	*10h 01min [TU]*	*Longitude*	*07º53.967 E*

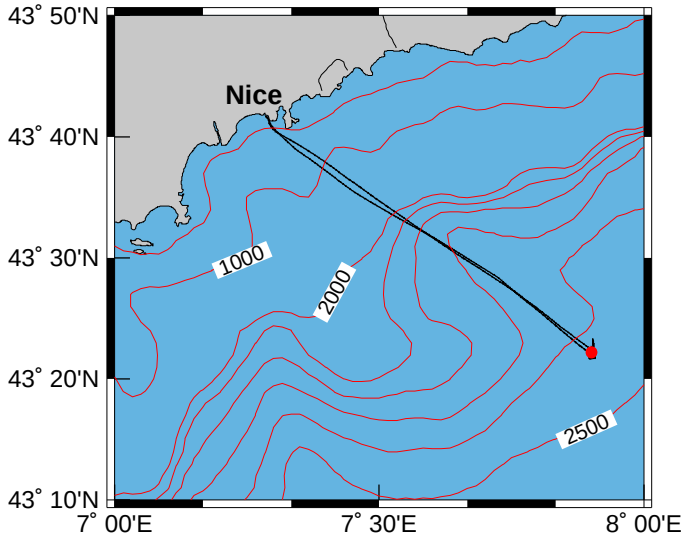
Boussole 07 **23/01/2002** **BOUS020123_02**

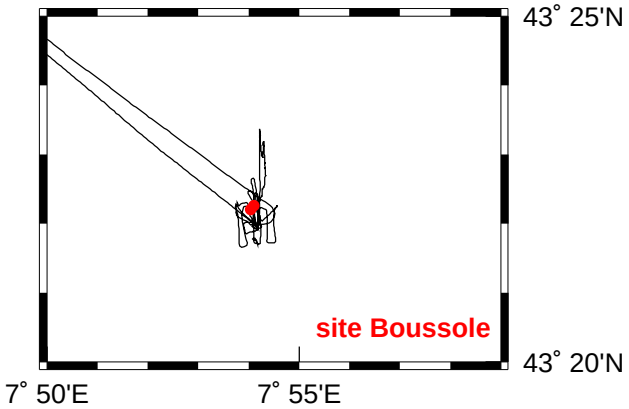
BOUS005

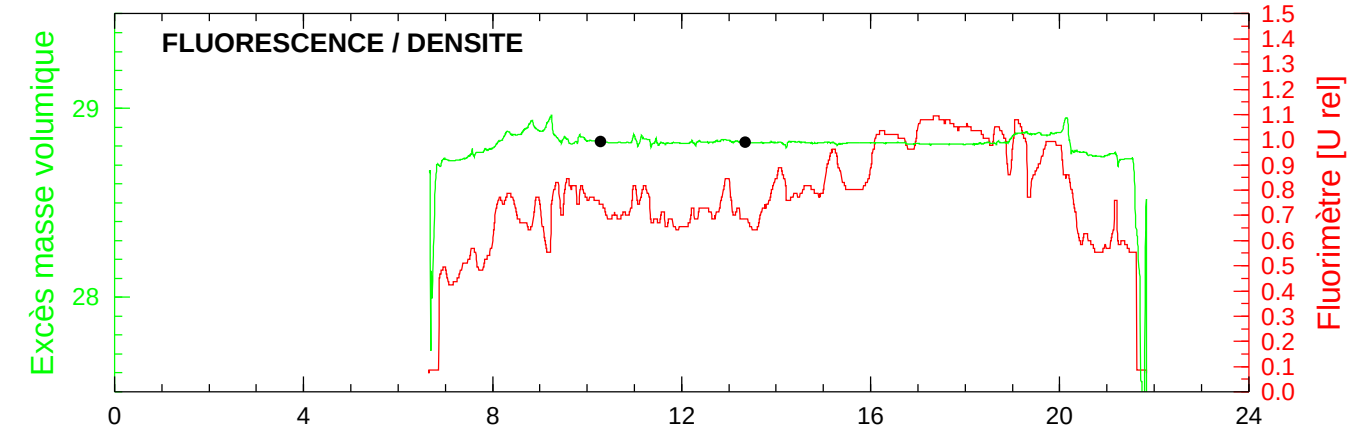


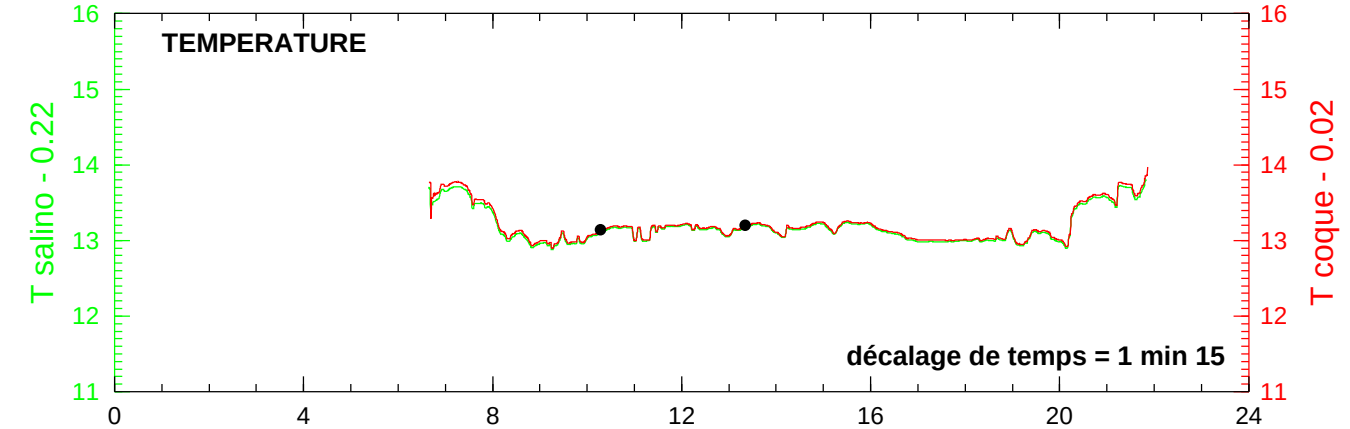
Date	*23/01/2002*	*Latitude*	*43º22.210 N*
Heure déb	*12h 19min [TU]*	*Longitude*	*07º54.378 E*

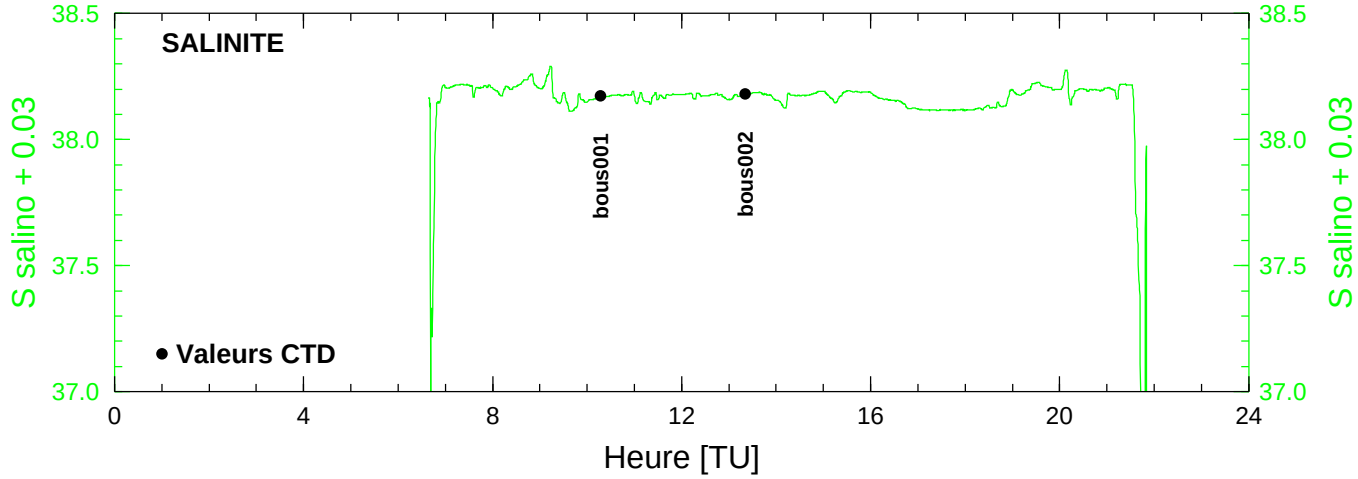
BOUSSOLE 07 21 janvier 2002



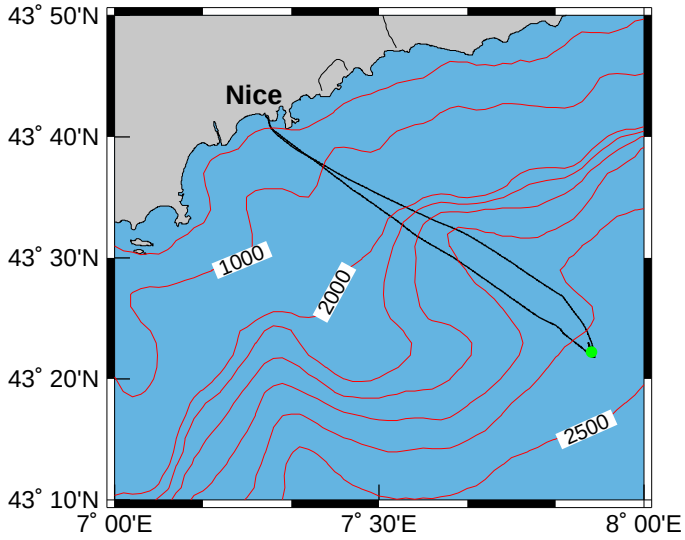


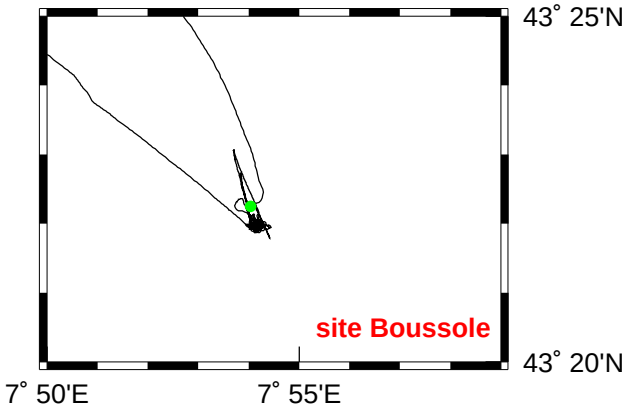


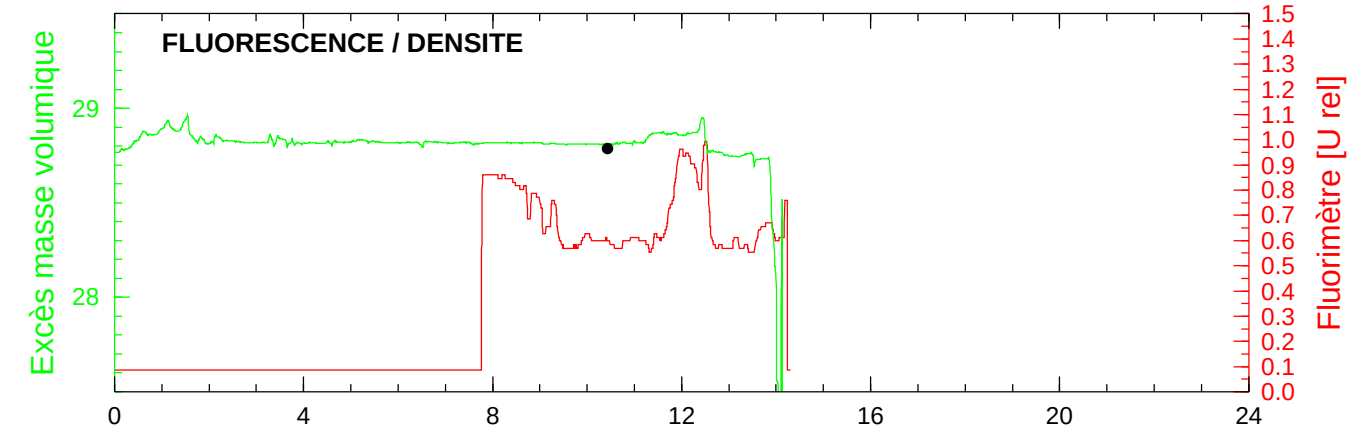


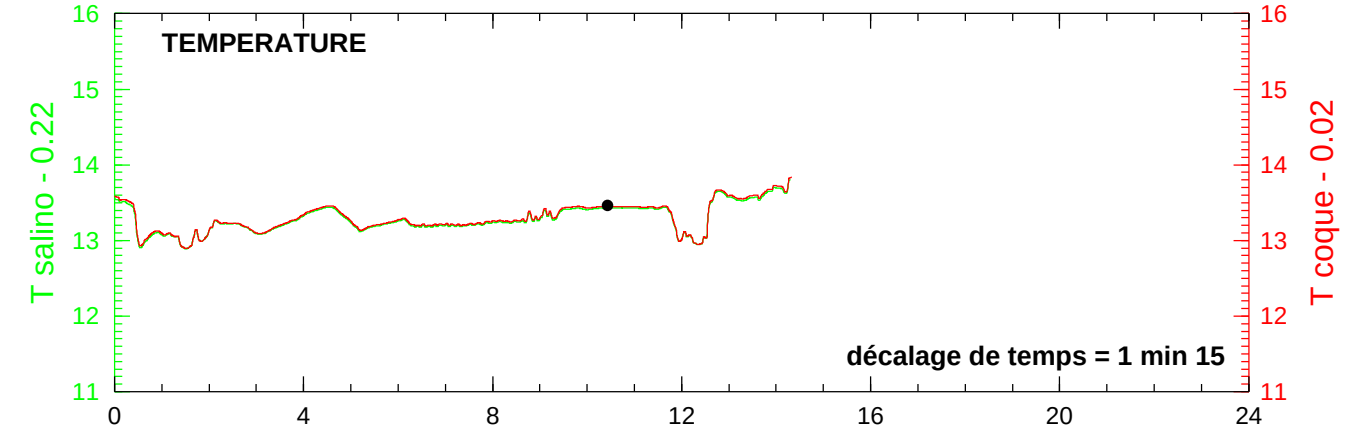


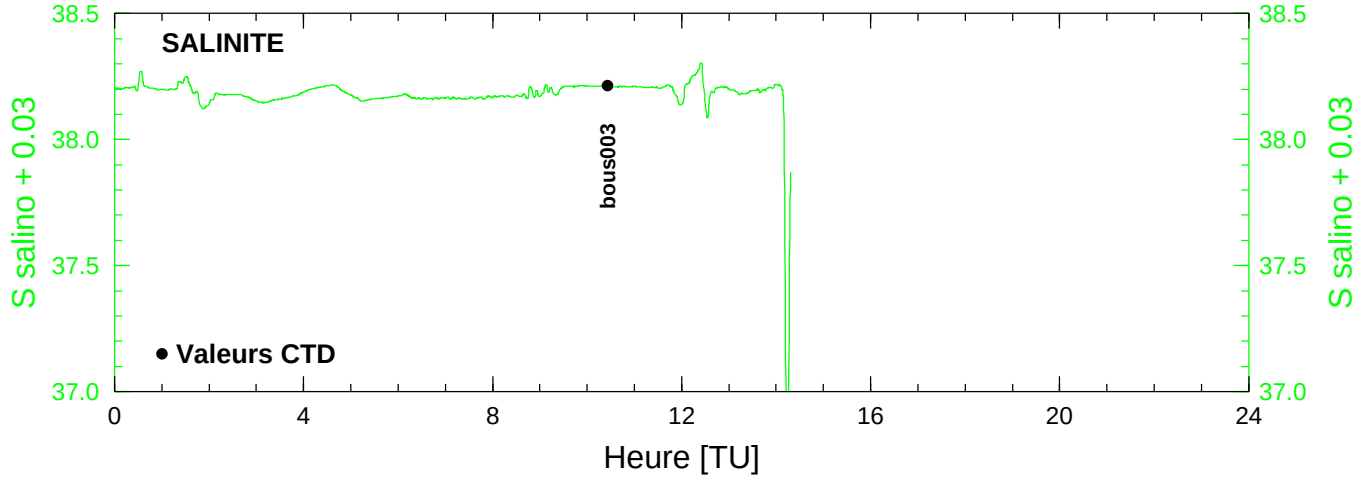
BOUSSOLE 07 22 janvier 2002



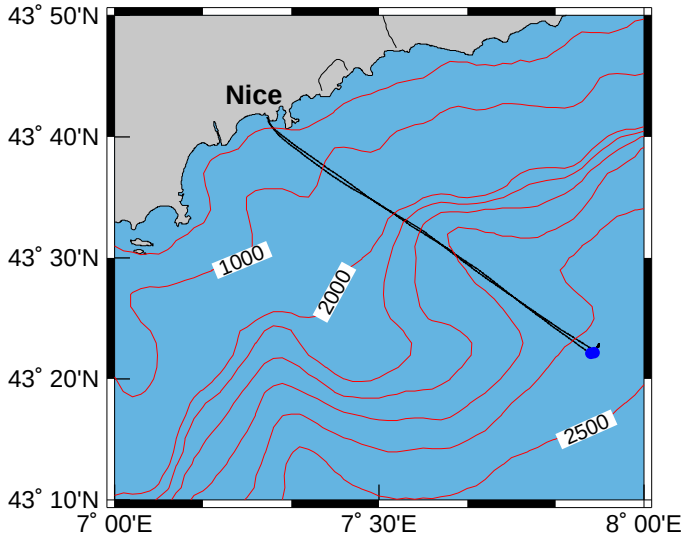


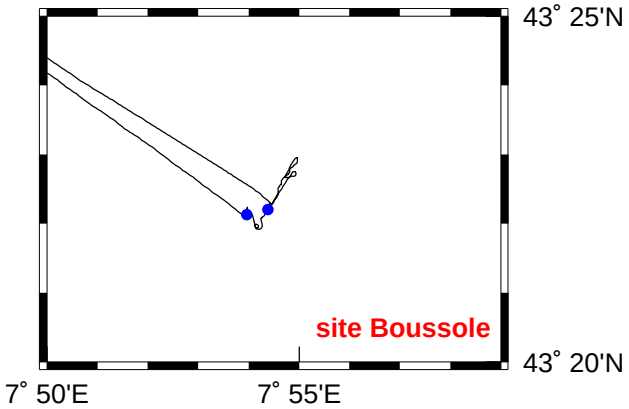


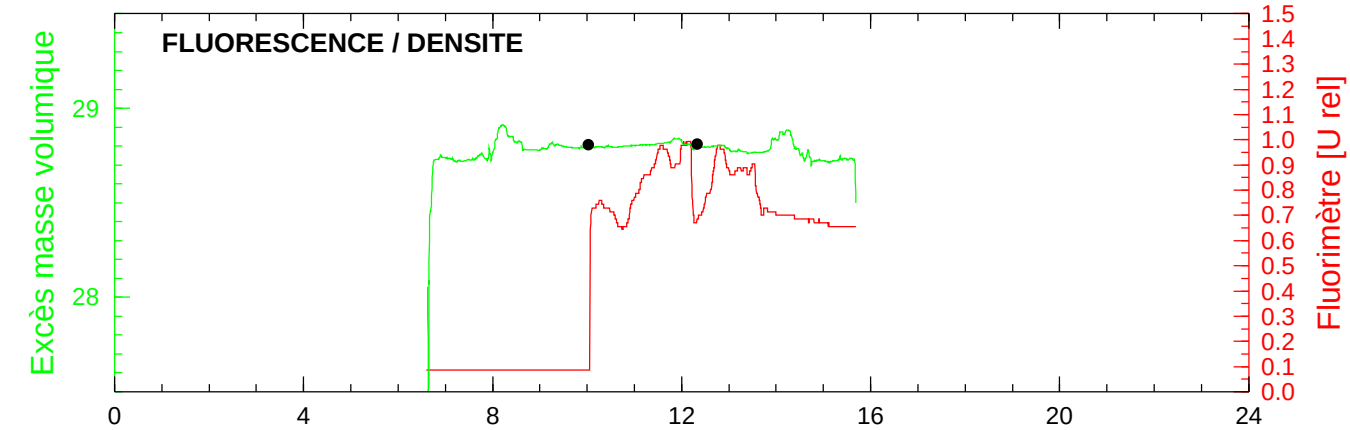


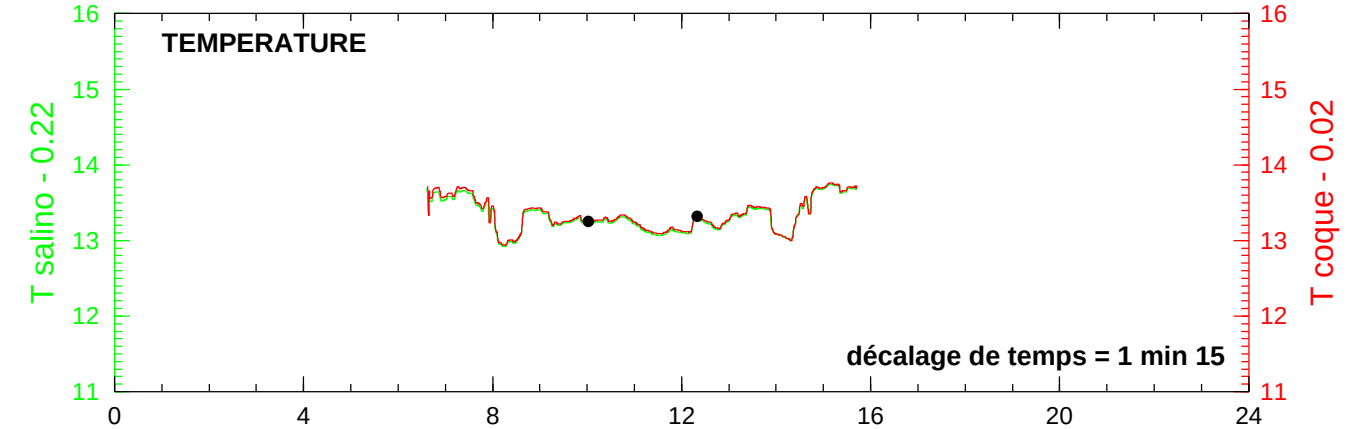


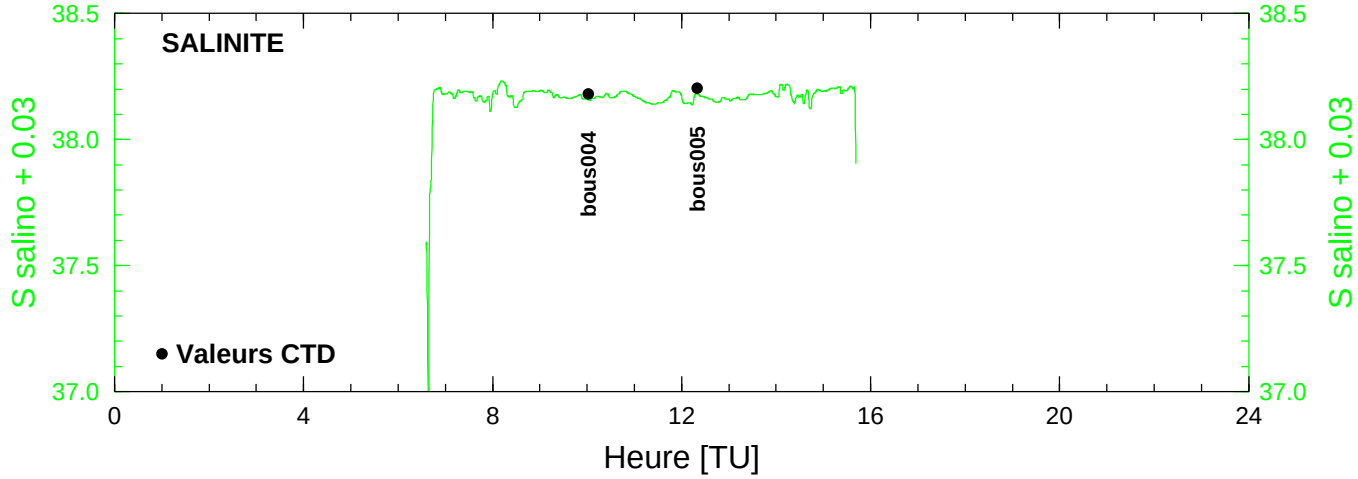
BOUSSOLE 07 23 janvier 2002

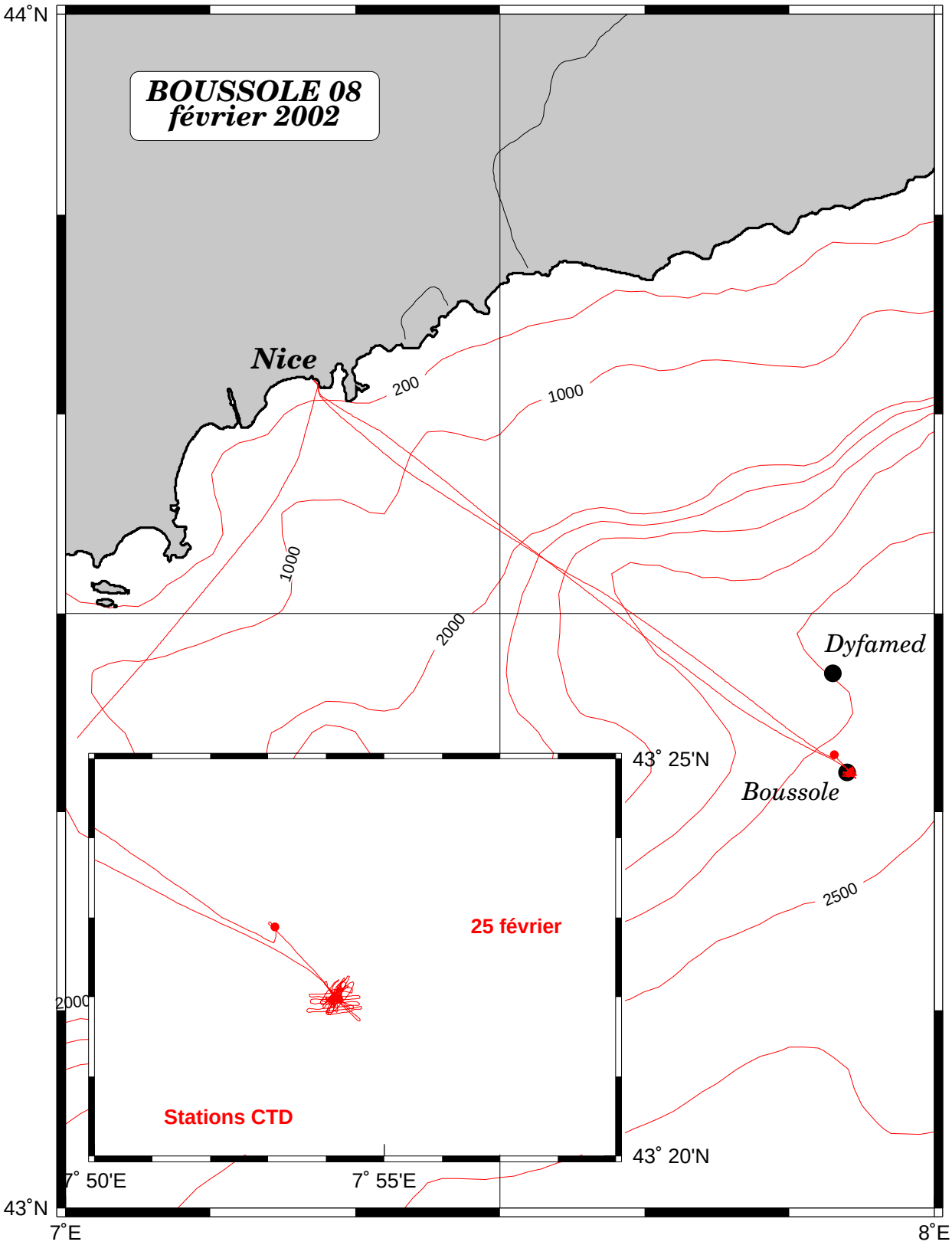












GMT 2003 Aug 29 11:20:36

Date: février 2002

ASCII file: C:\boussole\fev2002\ctd\raw\calib.CON

Configuration report for SBE 911/917 plus CTD SN # 0294

```
Frequency channels suppressed : 2
Voltage words suppressed      : 0
Computer interface            : RS-232C
Scans to average              : 1
Surface PAR voltage added     : Yes
NMEA position data added      : No
Scan time added               : No
```

1) Frequency channel 0, Temperature

```
Serial number : 1539
Calibrated on : 28-Jan-02
G             : 4.83527865e-003
H             : 6.69065123e-004
I             : 2.40728033e-005
J             : 1.79180741e-006
F0            : 1000.000
Slope         : 1.00000000
Offset        : 0.0000
```

2) Frequency channel 1, Conductivity

```
Serial number : 1313
Calibrated on : 29-Jan-02
G             : -4.07357901e+000
H             : 4.87565570e-001
I             : -2.58588092e-004
J             : 3.91964511e-005
CTcor         : 3.2500e-006
CPcor         : -9.57000000e-008
Slope         : 1.00000000
Offset        : 0.00000
```

3) Frequency channel 2, Pressure, Digiquartz with TC

```
Serial number : 51394
Calibrated on : 02-02-1993
C1            : -4.258615e+004
C2            : 2.491740e-001
C3            : 1.368020e-002
D1            : 3.936700e-002
D2            : 0.000000e+000
T1            : 3.021358e+001
T2            : -2.613690e-004
T3            : 4.591050e-006
T4            : 1.633320e-009
T5            : 0.000000e+000
Slope         : 1.00000000
Offset        : 0.00000
AD590M        : 1.145000e-002
AD590B        : -8.133300e+000
```

4) Voltage channel 0, Oxygen Current, Beckman/YSI

```
Serial number : 130457
Calibrated on : 11-Mar-97
M             : 2.3380e-007
B             : -3.0394e-011
Soc           : 3.1762
Boc           : -0.0534
Tcor          : -0.0330
Pcor          : 1.50e-004
Tau           : 2.0
Wt            : 0.67
```

5) Voltage channel 1, Oxygen Temperature, Beckman/YSI

```
Serial number : 130457
Calibrated on : 11-Mar-97
K             : 9.0863
C             : -6.5701
```

6) Voltage channel 2, Fluorometer, Chelsea Aqua 3

```
Serial number : 88/2050/094
Calibrated on : 23-Mar-94
VB            : 0.300000
V1            : 2.009000
Vacetone      : 0.390000
Scale factor  : 1.000000
Slope         : 1.000000
Offset        : 0.000000
```

7) Voltage channel 3, Free

8) Voltage channel 4, Free

9) Voltage channel 5, Free

10) Voltage channel 6, Altimeter

```
Serial number : 464
Calibrated on : 10-Nov-95
Scale factor  : 5.000
Offset        : 0.000
```

11) Voltage channel 7, Free

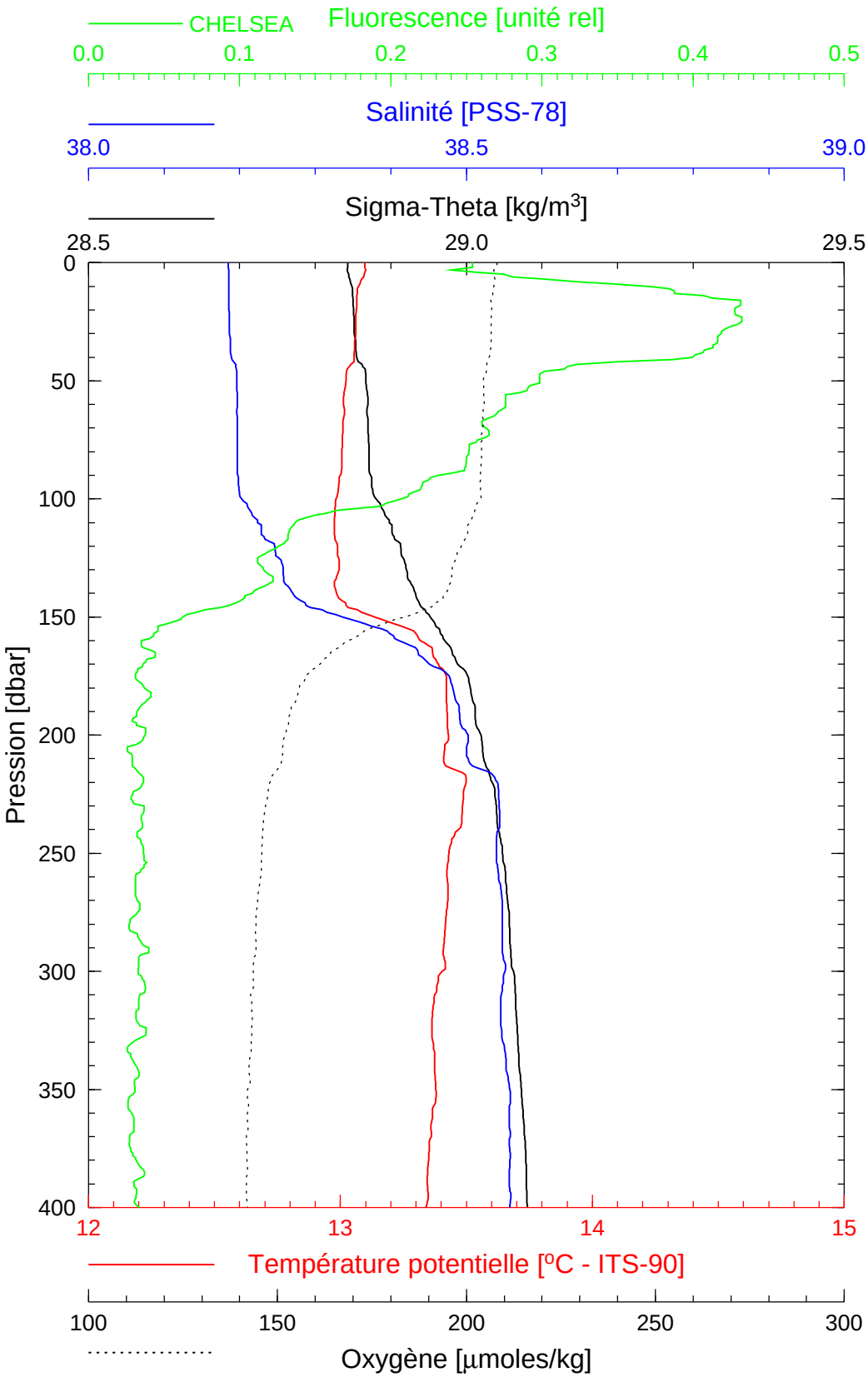
12) SPAR voltage, Unavailable

13) SPAR voltage, SPAR/Surface Irradiance

```
Serial number     :
Calibrated on     :
Conversion factor : 0.00000000
Ratio multiplier  : 0.00000000
```

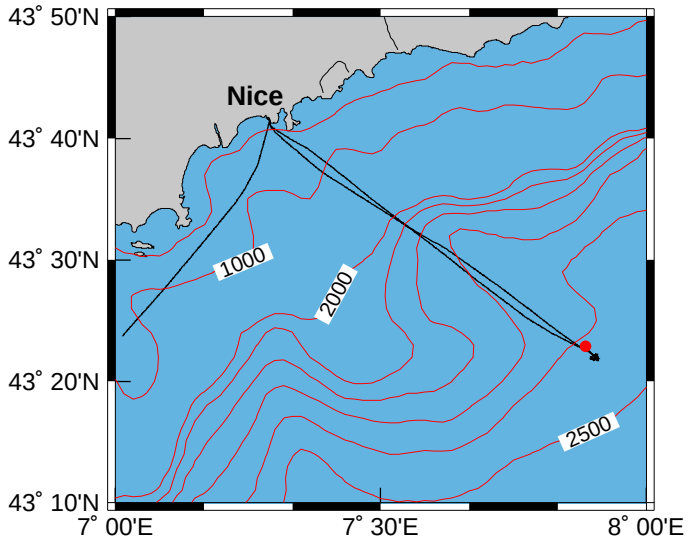
Boussole 08 **25/02/2002** **BOUS020225_01**

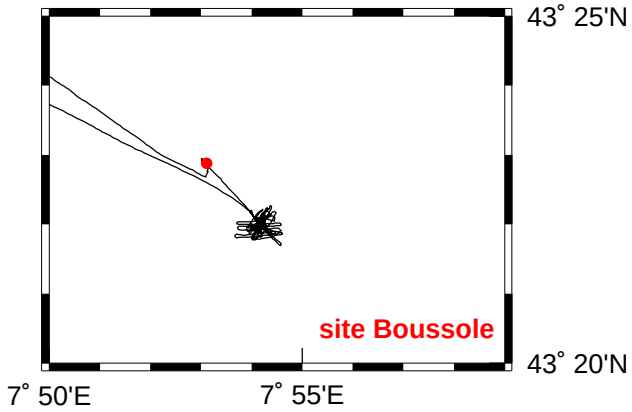
BOUS001

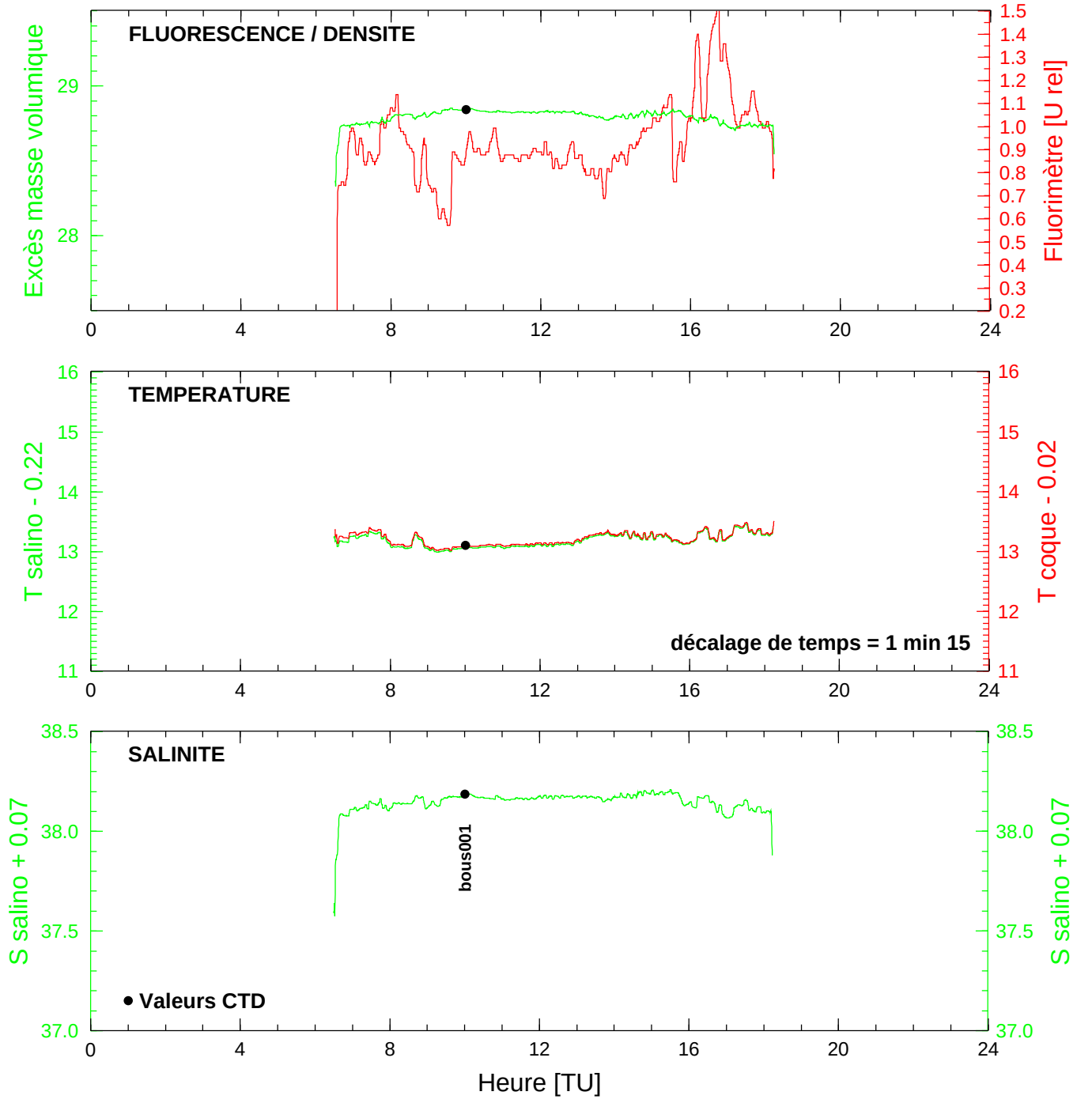


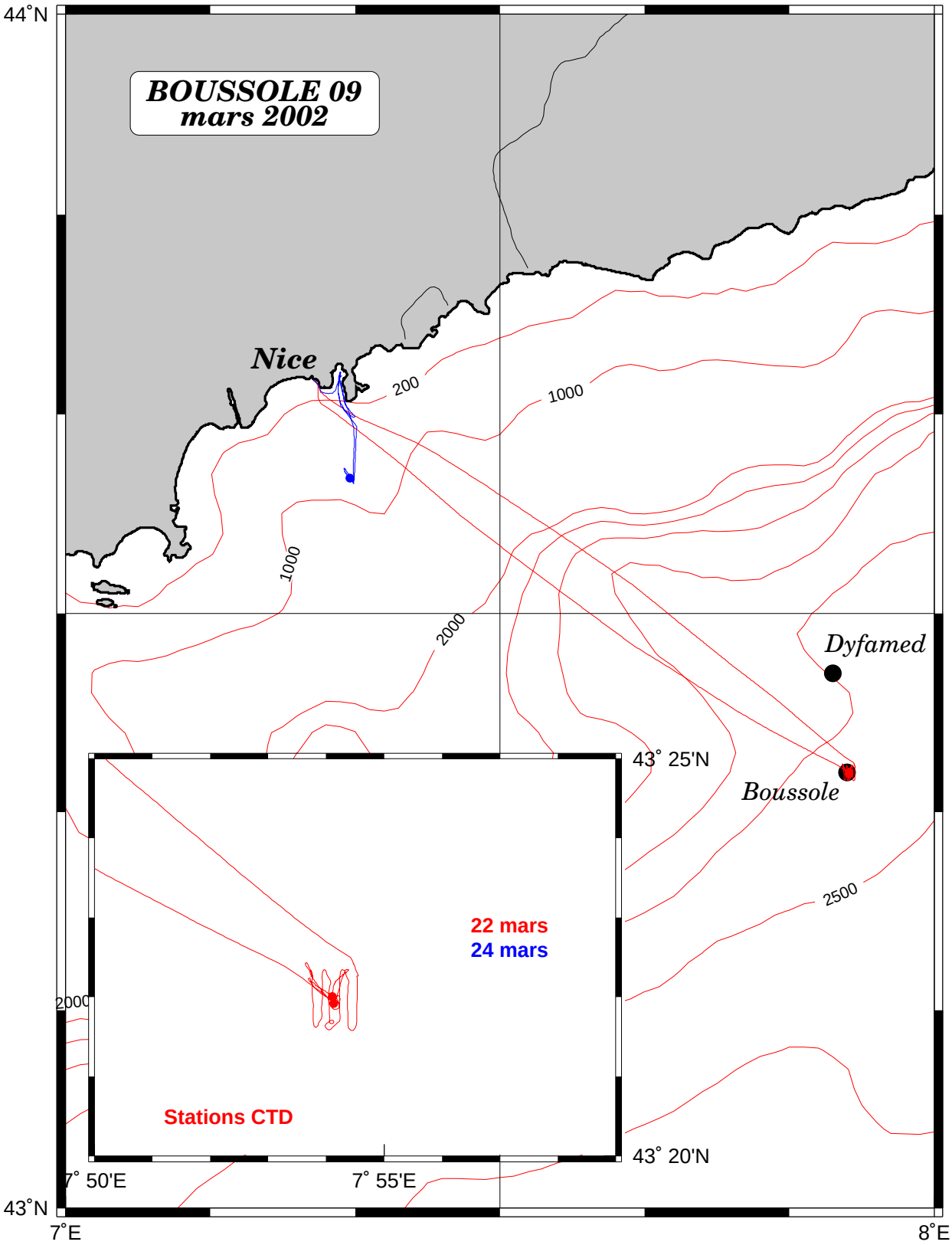
Date	*25/02/2002*	*Latitude*	*43º22.885 N*
Heure déb	*10h 01min [TU]*	*Longitude*	*07º53.112 E*

BOUSSOLE 08 25 février 2002









GMT 2003 Sep 1 10:59:41

Date: mars 2002

ASCII file: C:\boussole\mars2002\ctd\raw\bous001.CON

Configuration report for SBE 911/917 plus CTD SN # 0294

```
Frequency channels suppressed : 2
Voltage words suppressed      : 0
Computer interface            : RS-232C
Scans to average              : 1
Surface PAR voltage added     : Yes
NMEA position data added      : No
Scan time added               : No
```

1) Frequency channel 0, Temperature

```
Serial number : 1539
Calibrated on : 28-Jan-02
G             : 4.83527865e-003
H             : 6.69065123e-004
I             : 2.40728033e-005
J             : 1.79180741e-006
F0            : 1000.000
Slope         : 1.00000000
Offset        : 0.0000
```

2) Frequency channel 1, Conductivity

```
Serial number : 1313
Calibrated on : 29-Jan-02
G             : -4.07357901e+000
H             : 4.87565570e-001
I             : -2.58588092e-004
J             : 3.91964511e-005
CTcor         : 3.2500e-006
CPcor         : -9.57000000e-008
Slope         : 1.00000000
Offset        : 0.00000
```

3) Frequency channel 2, Pressure, Digiquartz with TC

```
Serial number : 51394
Calibrated on : 02-02-1993
C1            : -4.258615e+004
C2            : 2.491740e-001
C3            : 1.368020e-002
D1            : 3.936700e-002
D2            : 0.000000e+000
T1            : 3.021358e+001
T2            : -2.613690e-004
T3            : 4.591050e-006
T4            : 1.633320e-009
T5            : 0.000000e+000
Slope         : 1.00000000
Offset        : -0.40000
AD590M        : 1.145000e-002
AD590B        : -8.133300e+000
```

4) Voltage channel 0, Oxygen Current, Beckman/YSI

```
Serial number : 130457

Calibrated on : 11-Mar-97
M             : 2.3380e-007
B             : -3.0394e-011
Soc           : 3.1762
Boc           : -0.0534
Tcor          : -0.0330
Pcor          : 1.50e-004
Tau           : 2.0
Wt            : 0.67
```

5) Voltage channel 1, Oxygen Temperature, Beckman/YSI

```
Serial number : 130457
Calibrated on : 11-Mar-97
K             : 9.0863
C             : -6.5701
```

6) Voltage channel 2, Fluorometer, Chelsea Aqua 3

```
Serial number : 88/2050/094
Calibrated on : 23-Mar-94
VB            : 0.300000
V1            : 2.009000
Vacetone      : 0.390000
Scale factor  : 1.000000
Slope         : 1.000000
Offset        : -0.020000
```

7) Voltage channel 3, Free

8) Voltage channel 4, Free

9) Voltage channel 5, Free

10) Voltage channel 6, Altimeter

```
Serial number : 464
Calibrated on : 10-Nov-95
Scale factor  : 5.000
Offset        : 0.000
```

11) Voltage channel 7, Free

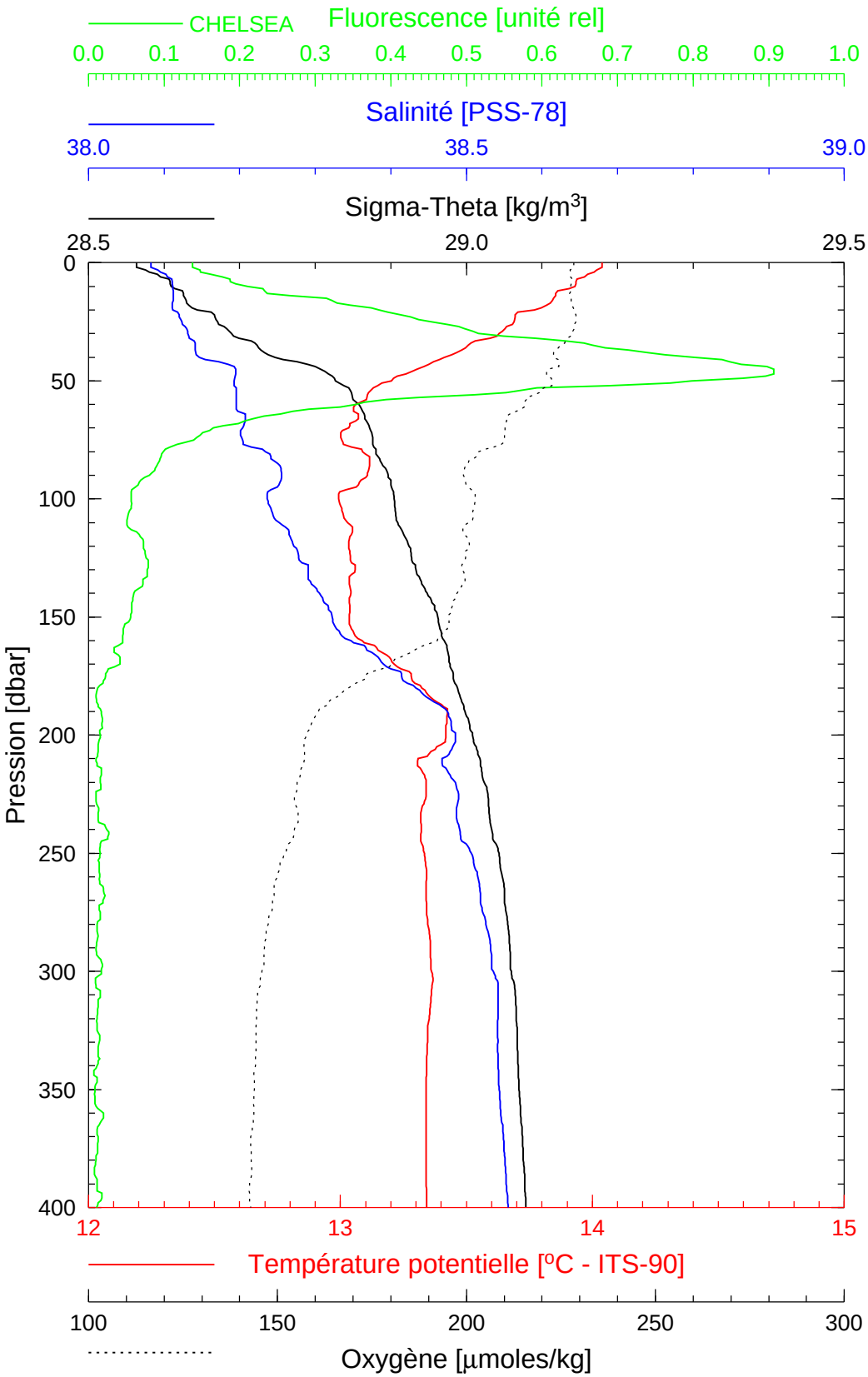
12) SPAR voltage, Unavailable

13) SPAR voltage, SPAR/Surface Irradiance

```
Serial number     : 6326
Calibrated on     : 24-Feb-95
Conversion factor : 753.25000000
Ratio multiplier  : 1.00000000
```

Boussole 09 **22/03/2002** **BOUS020322_01**

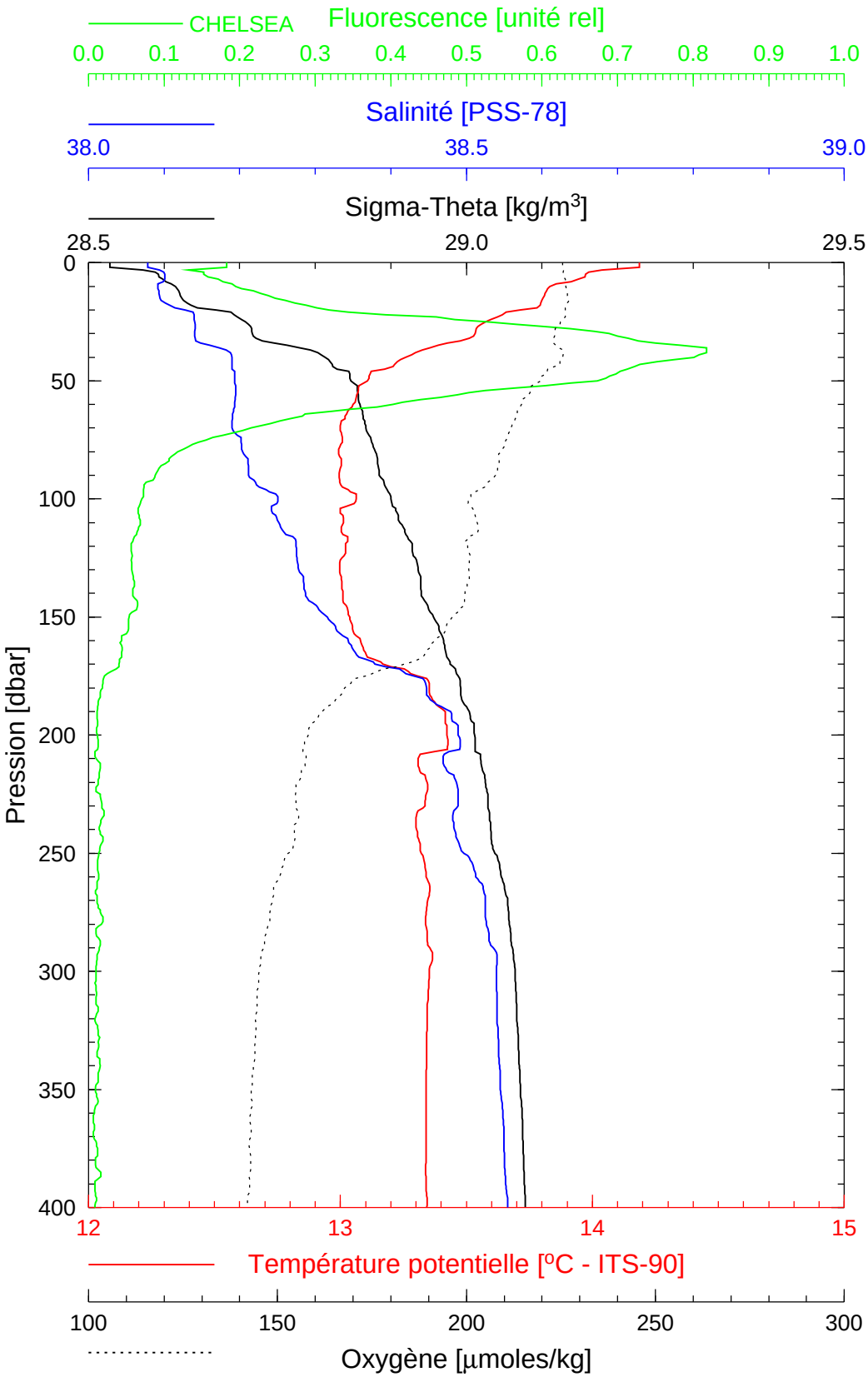
Station : bous001



Date	*22/03/2002*	*Latitude*	*43º22.005 N*
Heure déb	*09h 54min [TU]*	*Longitude*	*07º54.110 E*

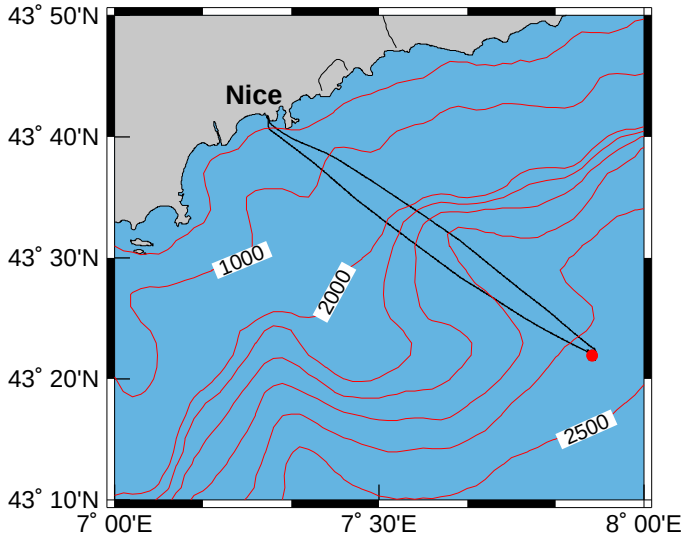
Boussole 09 **22/03/2002** **BOUS020322_02**

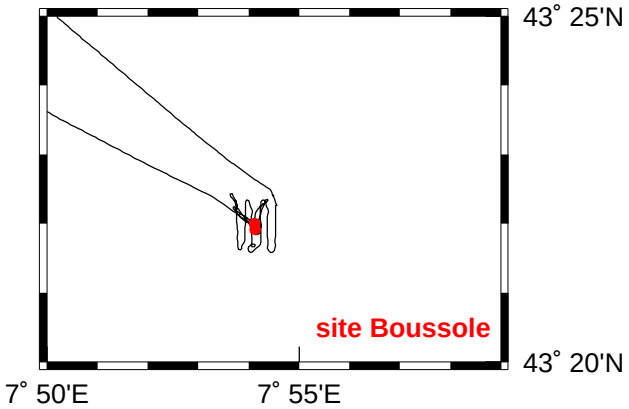
bous002

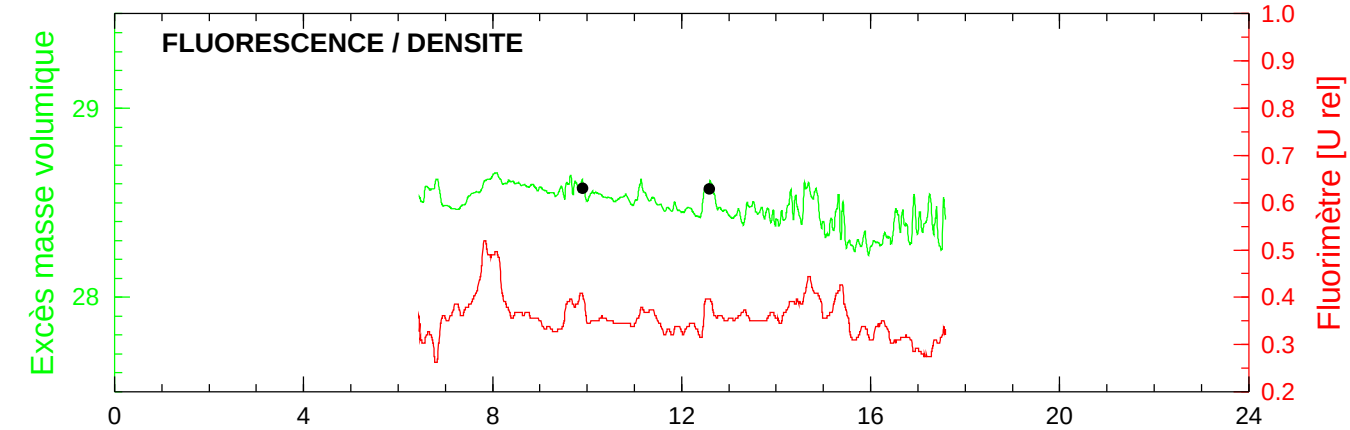


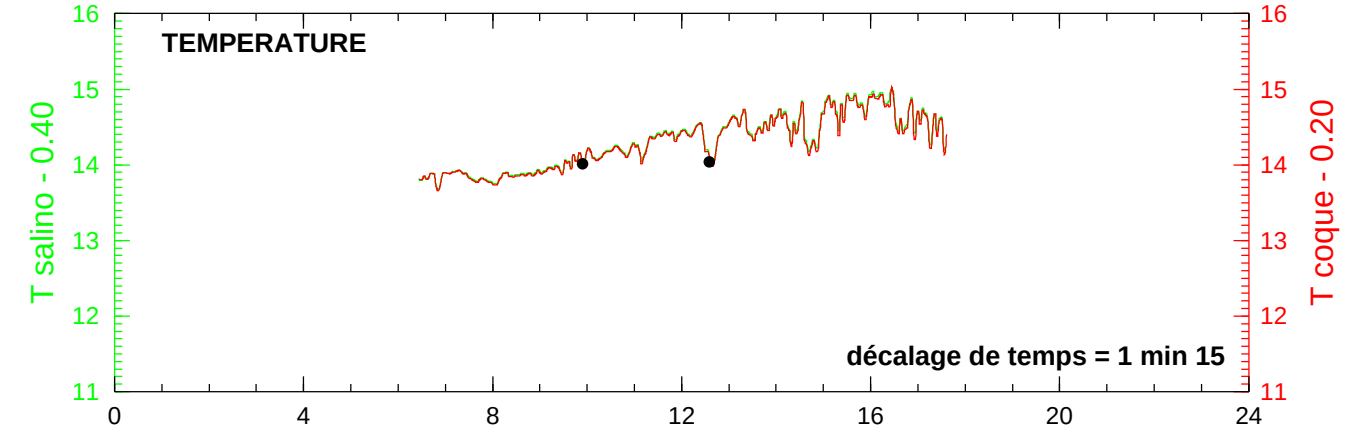
Date	*22/03/2002*	*Latitude*	*43º21.922 N*
Heure déb	*12h 35min [TU]*	*Longitude*	*07º54.131 E*

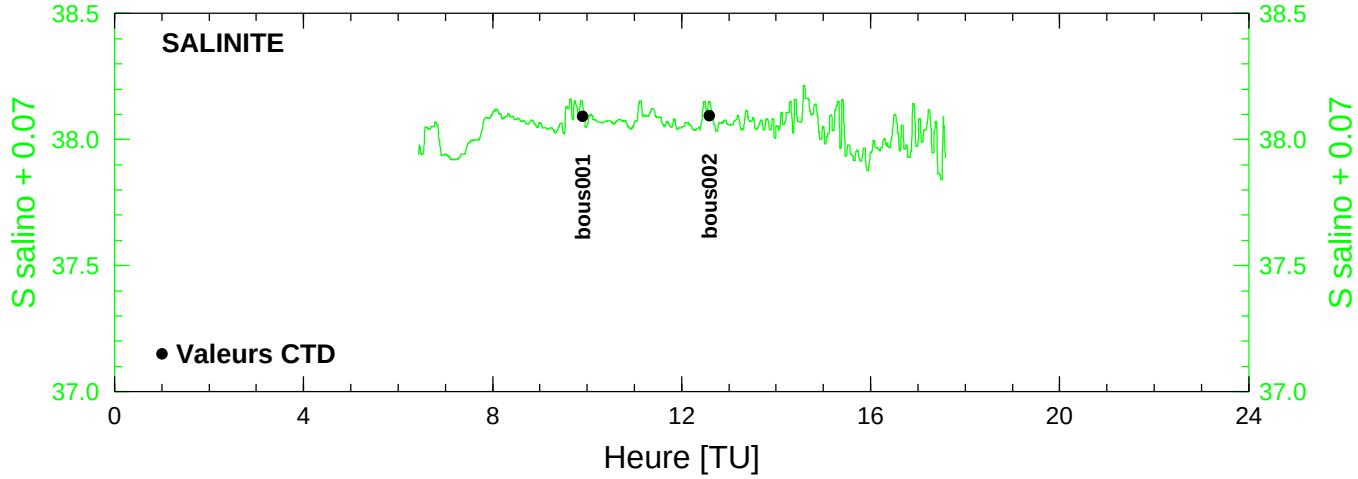
BOUSSOLE 09 22 mars 2002

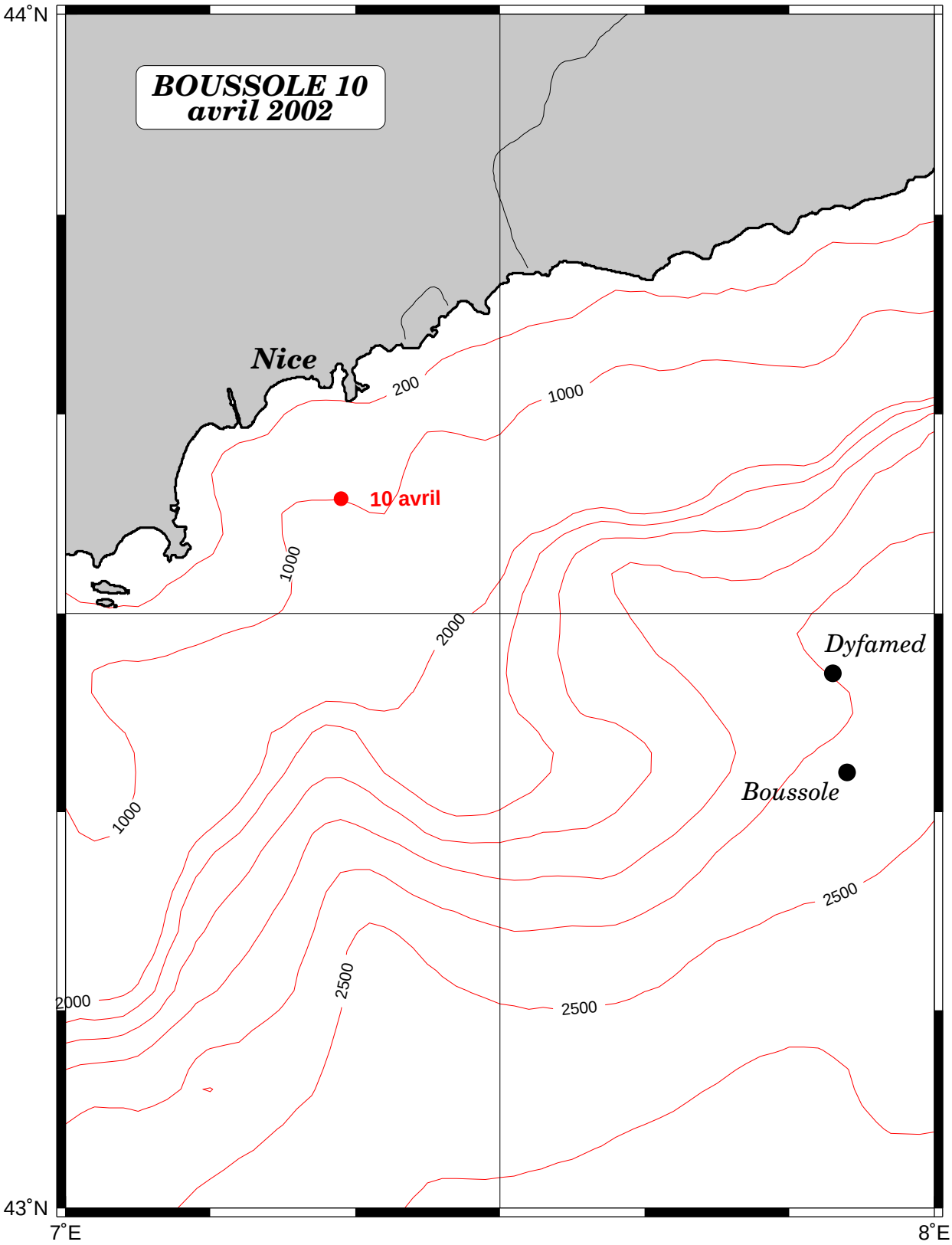












GMT 2003 Sep 17 10:33:46

Date: avril 2002

ASCII file: C:\boussole\avril2002\ctd\raw\bou001.CON

Configuration report for SBE 911/917 plus CTD SN # 0294

Frequency channels suppressed : 2
Voltage words suppressed : 0
Computer interface : RS-232C
Scans to average : 1
Surface PAR voltage added : Yes
NMEA position data added : No
Scan time added : No

1) Frequency channel 0, Temperature

Serial number : **1539**
Calibrated on : 28-Jan-02
G : 4.83527865e-003
H : 6.69065123e-004
I : 2.40728033e-005
J : 1.79180741e-006
F0 : 1000.000
Slope : 1.00000000
Offset : 0.0000

2) Frequency channel 1, Conductivity

Serial number : **1313**
Calibrated on : 29-Jan-02
G : -4.07357901e+000
H : 4.87565570e-001
I : -2.58588092e-004
J : 3.91964511e-005
CTcor : 3.2500e-006
CPcor : -9.57000000e-008
Slope : 1.00000000
Offset : 0.00000

3) Frequency channel 2, Pressure, Digiquartz with TC

Serial number : **51394**
Calibrated on : 02-02-1993
C1 : -4.258615e+004
C2 : 2.491740e-001
C3 : 1.368020e-002
D1 : 3.936700e-002
D2 : 0.000000e+000
T1 : 3.021358e+001
T2 : -2.613690e-004
T3 : 4.591050e-006
T4 : 1.633320e-009
T5 : 0.000000e+000
Slope : 1.00000000
Offset : 0.00000
AD590M : 1.145000e-002
AD590B : -8.133300e+000

4) Voltage channel 0, Oxygen Current, Beckman/YSI

Serial number : **130457**
Calibrated on : 11-Mar-97
M : 2.3380e-007
B : -3.0394e-011
Soc : 3.1762
Boc : -0.0534
Tcor : -0.0330
Pcor : 1.50e-004
Tau : 2.0
Wt : 0.67

5) Voltage channel 1, Oxygen Temperature, Beckman/YSI

Serial number : **130457**
Calibrated on : 11-Mar-97
K : 9.0863
C : -6.5701

6) Voltage channel 2, Fluorometer, Chelsea Aqua 3

Serial number : **88/2050/094**
Calibrated on : 23-Mar-94
VB : 0.300000
V1 : 2.009000
Vacetone : 0.390000
Scale factor : 1.000000
Slope : 1.000000
Offset : -0.020000

7) Voltage channel 3, Free

8) Voltage channel 4, Free

9) Voltage channel 5, Free

10) Voltage channel 6, Altimeter

Serial number : **464**
Calibrated on : 10-Nov-95
Scale factor : 5.000
Offset : 0.000

11) Voltage channel 7, Free

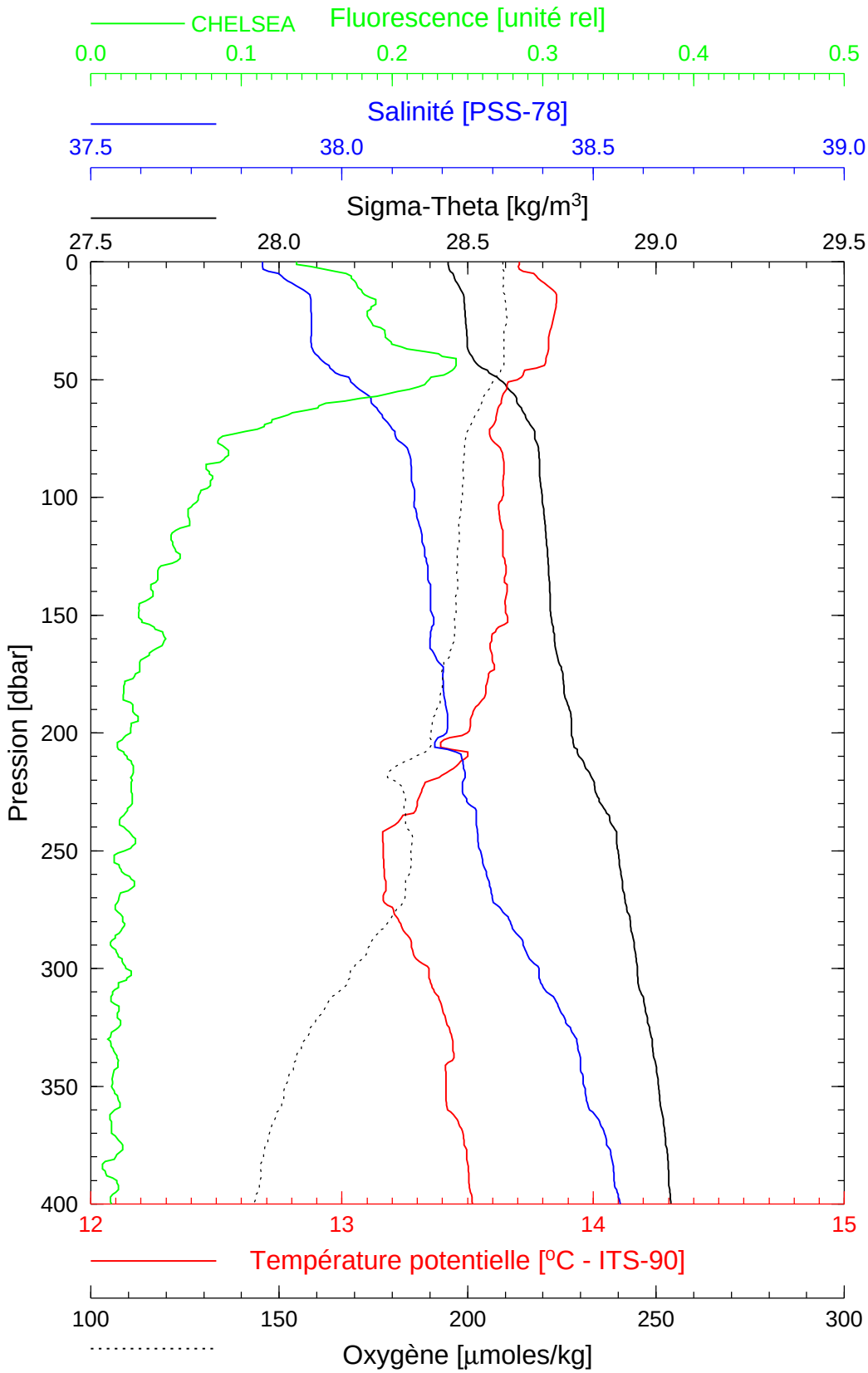
12) SPAR voltage, Unavailable

13) SPAR voltage, SPAR/Surface Irradiance

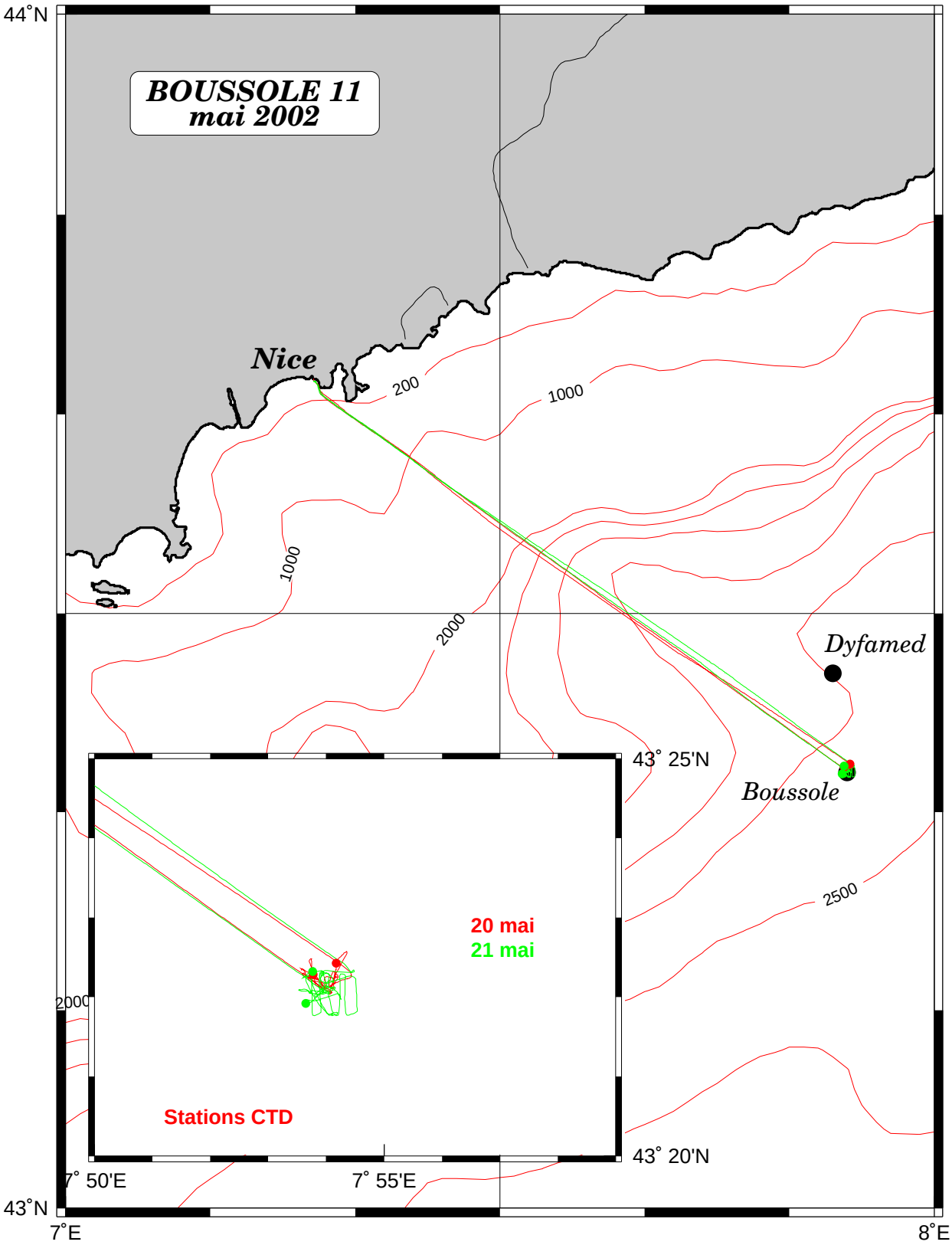
Serial number : **6326**
Calibrated on : 24-Feb-95
Conversion factor : 753.25000000
Ratio multiplier : 0.00000000

Boussole 10 **10/04/2002** **BOUS020410_01**

bous001



Date	*10/04/2002*	*Latitude*	*43º35.769 N*
Heure déb	*09h 01min [TU]*	*Longitude*	*07º19.022 E*



GMT 2003 Sep 17 12:06:32

Date: mai 2002

ASCII file: C:\boussole\mai2002\ctd\raw\bou001.CON

Configuration report for SBE 911/917 plus CTD SN # 0294

```
Frequency channels suppressed : 2
Voltage words suppressed      : 0
Computer interface            : RS-232C
Scans to average              : 1
Surface PAR voltage added     : Yes
NMEA position data added      : No
Scan time added               : No
```

1) Frequency channel 0, Temperature

```
Serial number : 1539
Calibrated on : 28-Jan-02
G             : 4.83527865e-003
H             : 6.69065123e-004
I             : 2.40728033e-005
J             : 1.79180741e-006
F0            : 1000.000
Slope         : 1.00000000
Offset        : 0.0000
```

2) Frequency channel 1, Conductivity

```
Serial number : 1313
Calibrated on : 29-Jan-02
G             : -4.07357901e+000
H             : 4.87565570e-001
I             : -2.58588092e-004
J             : 3.91964511e-005
CTcor         : 3.2500e-006

CPcor         : -9.57000000e-008
Slope         : 1.00000000
Offset        : 0.00000
```

3) Frequency channel 2, Pressure, Digiquartz with TC

```
Serial number : 51394
Calibrated on : 02-02-1993
C1            : -4.258615e+004
C2            : 2.491740e-001
C3            : 1.368020e-002
D1            : 3.936700e-002
D2            : 0.000000e+000
T1            : 3.021358e+001
T2            : -2.613690e-004
T3            : 4.591050e-006
T4            : 1.633320e-009
T5            : 0.000000e+000
Slope         : 1.00000000
Offset        : 0.00000
AD590M        : 1.145000e-002
AD590B        : -8.133300e+000
```

4) Voltage channel 0, Oxygen Current, Beckman/YSI

```
Serial number : 130457
Calibrated on : 11-Mar-97
M             : 2.3380e-007
B             : -3.0394e-011
Soc           : 3.1762
Boc           : -0.0534
Tcor          : -0.0330
Pcor          : 1.50e-004
Tau           : 2.0
Wt            : 0.67
```

5) Voltage channel 1, Oxygen Temperature, Beckman/YSI

```
Serial number : 130457
Calibrated on : 11-Mar-97
K             : 9.0863
C             : -6.5701
```

6) Voltage channel 2, Fluorometer, Chelsea Aqua 3

```
Serial number : 88/2050/094
Calibrated on : 23-Mar-94
VB            : 0.300000
V1            : 2.009000
Vacetone      : 0.390000
Scale factor  : 1.000000
Slope         : 1.000000
Offset        : -0.020000
```

7) Voltage channel 3, Free

8) Voltage channel 4, Free

9) Voltage channel 5, Free

10) Voltage channel 6, Altimeter

```
Serial number : 464
Calibrated on : 10-Nov-95
Scale factor  : 5.000
Offset        : 0.000
```

11) Voltage channel 7, Free

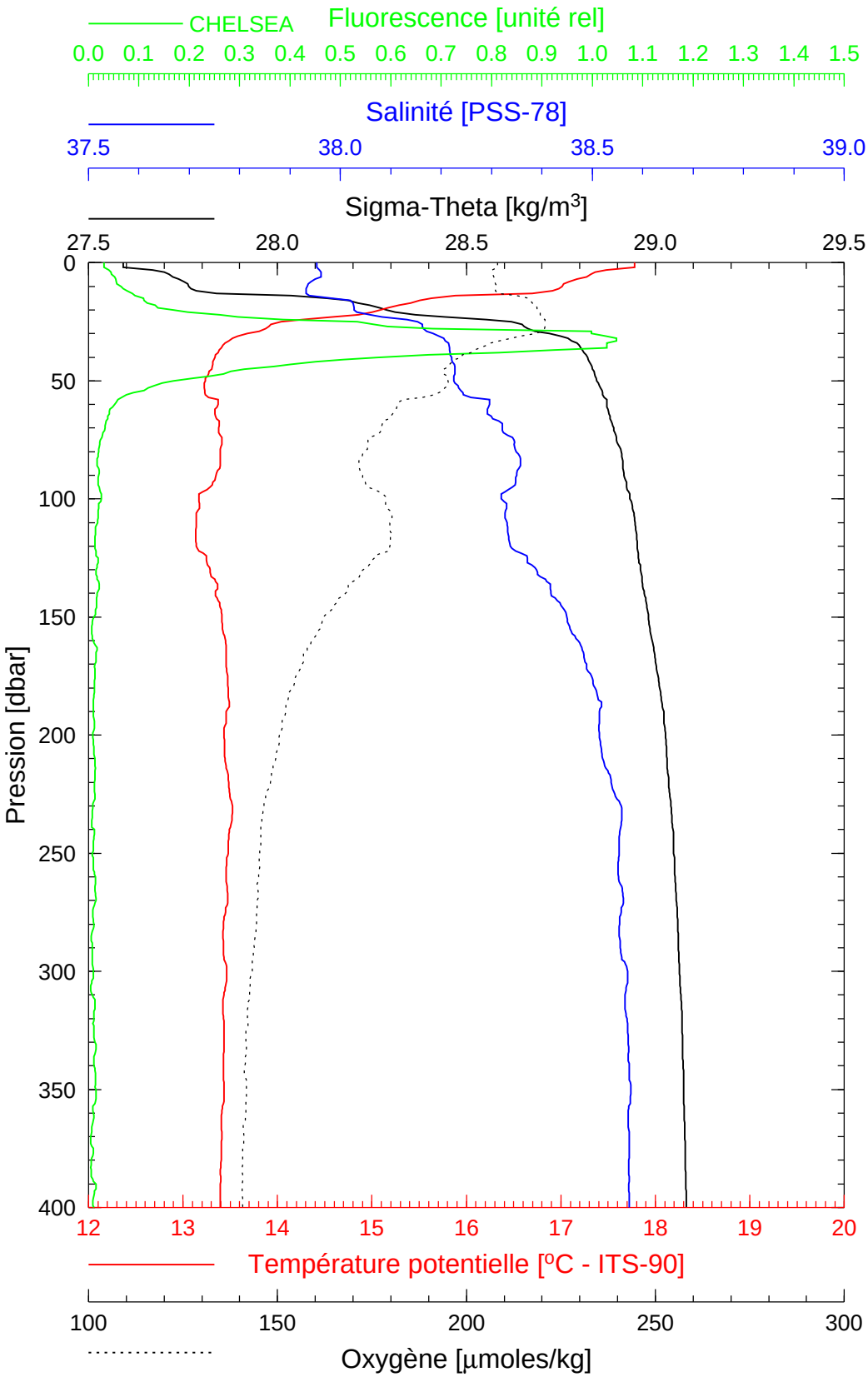
12) SPAR voltage, Unavailable

13) SPAR voltage, SPAR/Surface Irradiance

```
Serial number     :
Calibrated on     :
Conversion factor : 0.00000000
Ratio multiplier  : 0.00000000
```

Boussole 11 **20/05/2002** **BOUS020520_01**

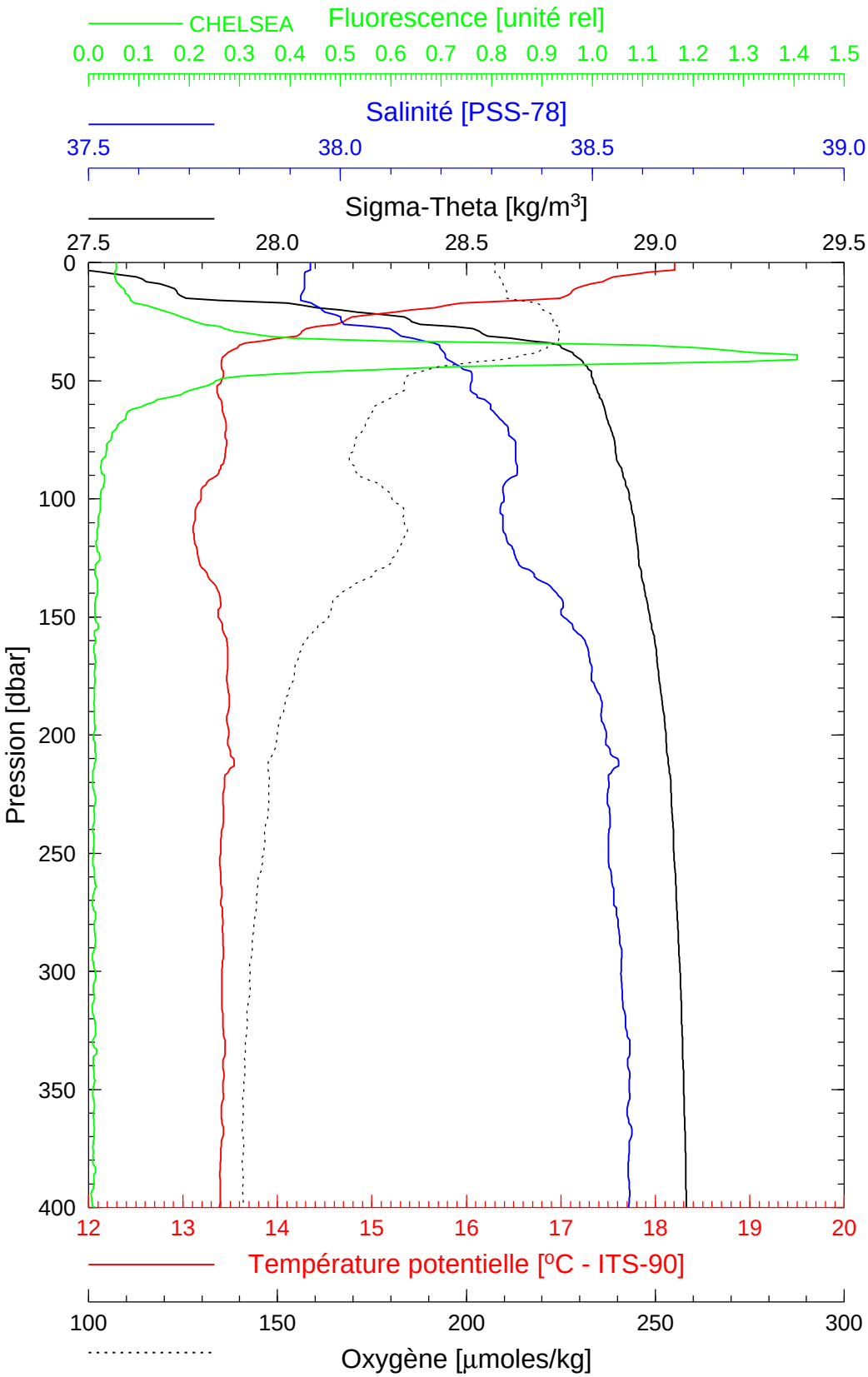
bous001



Date	*20/05/2002*	*Latitude*	*43°22.287 N*
Heure déb	*09h 36min [TU]*	*Longitude*	*07°53.778 E*

Boussole 11 **20/05/2002** **BOUS020520_02**

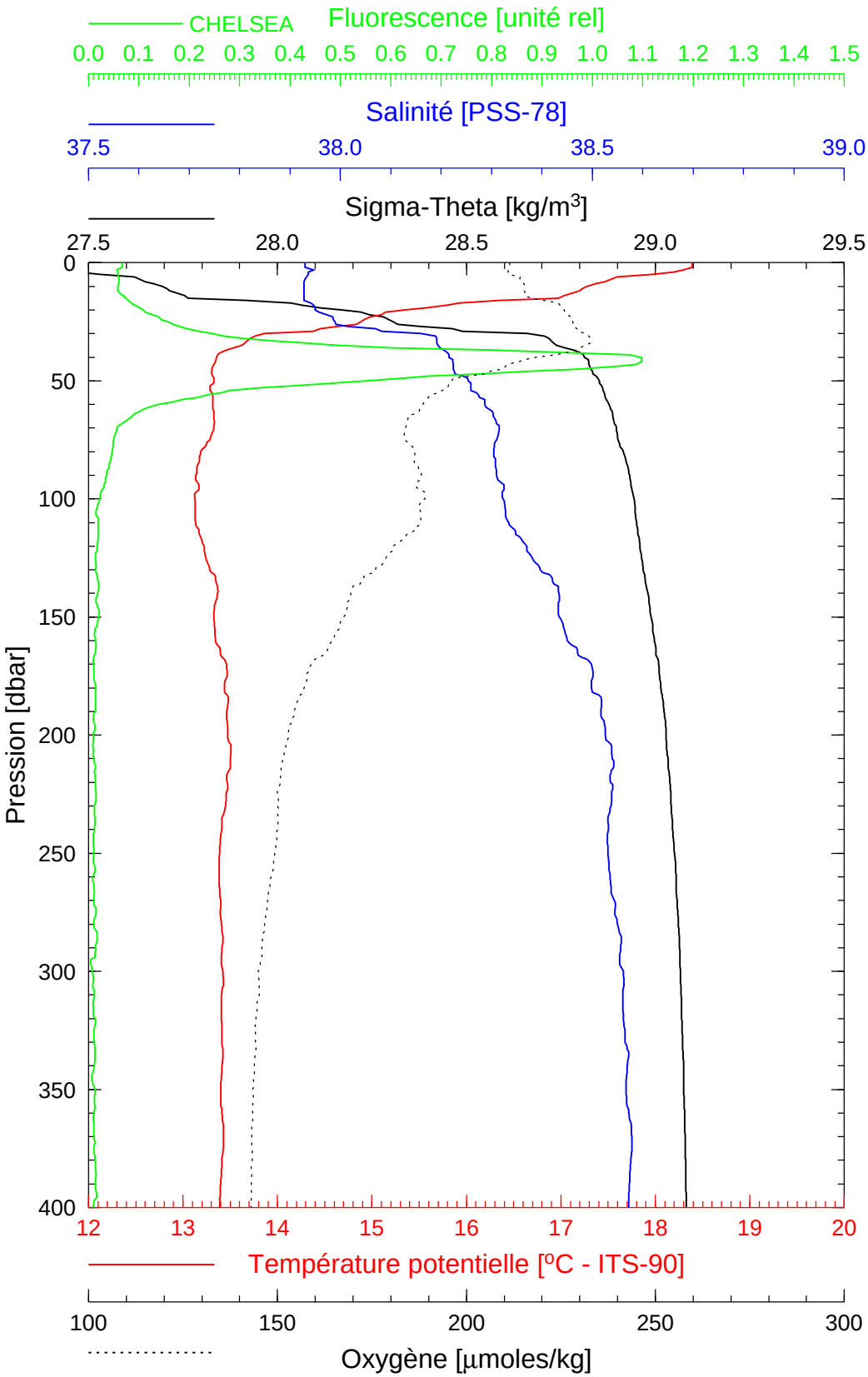
bous002



Date	*20/05/2002*	*Latitude*	*43º22.427 N*
Heure déb	*14h 23min [TU]*	*Longitude*	*07º54.175 E*

Boussole 11 **21/05/2002** **BOUS020521_01**

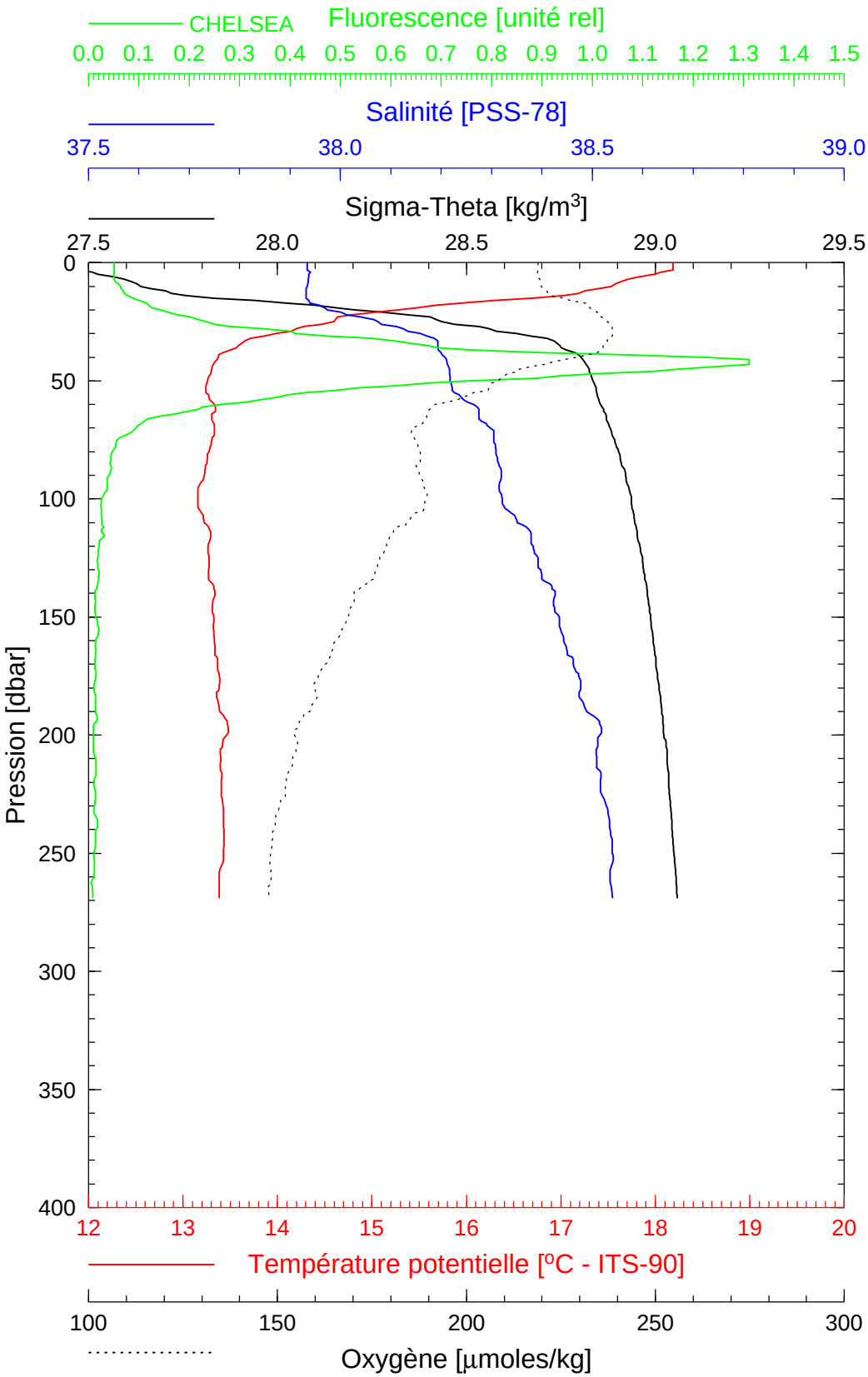
bous003



Date	*21/05/2002*	*Latitude*	*43º21.921 N*
Heure déb	*08h 23min [TU]*	*Longitude*	*07º53.649 E*

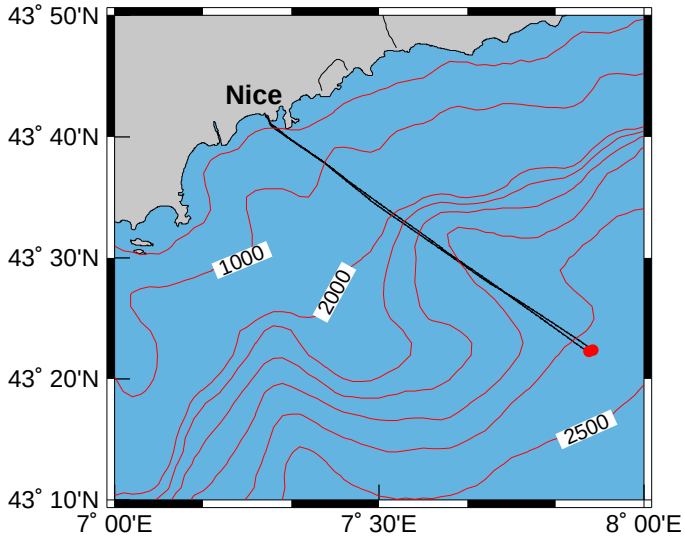
Boussole 11 **21/05/2002** **BOUS020521_02**

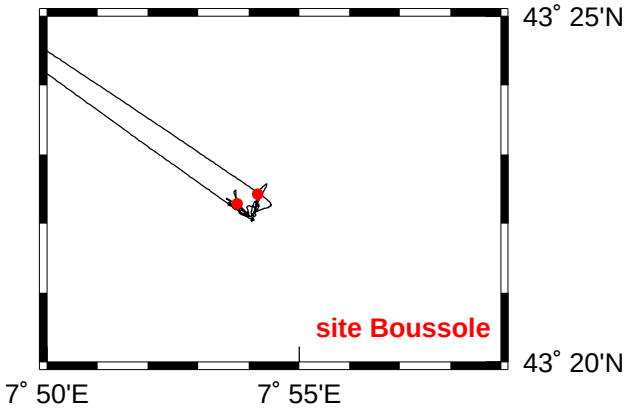
bous004

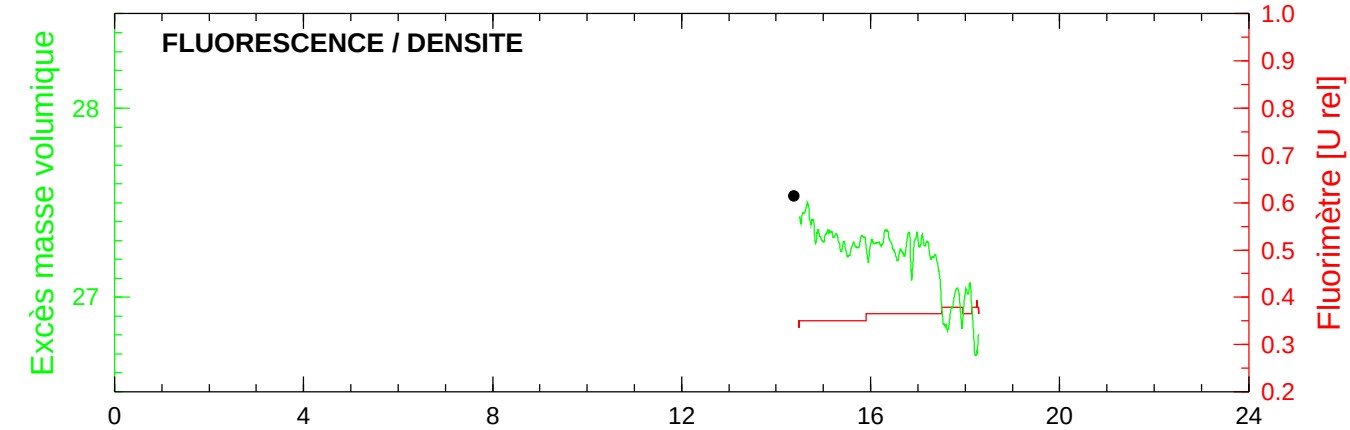


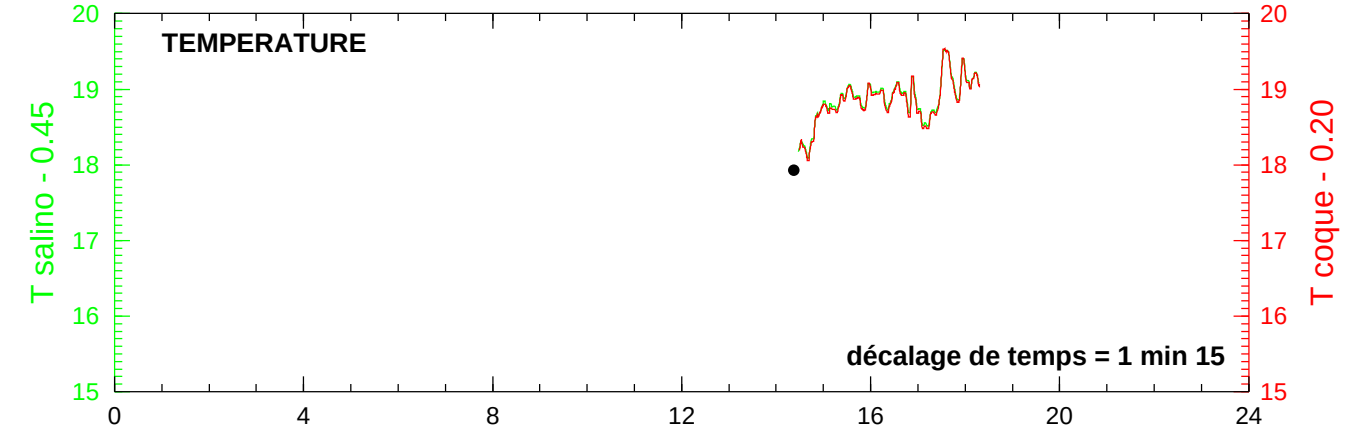
Date	*21/05/2002*	*Latitude*	*43º22.322 N*
Heure déb	*13h 02min [TU]*	*Longitude*	*07º53.770 E*

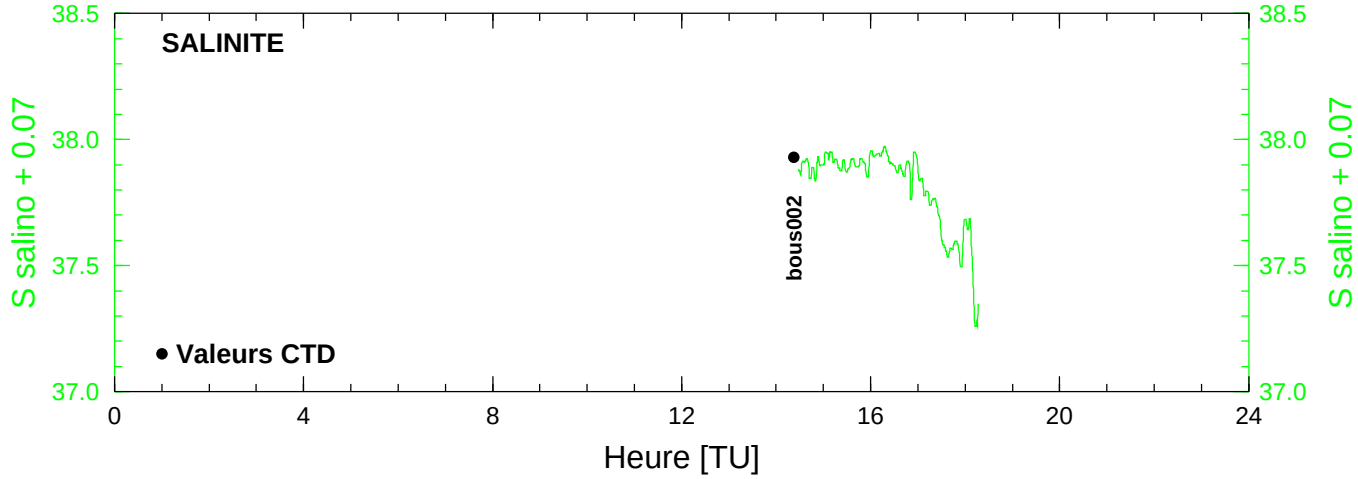
BOUSSOLE 11 20 mai 2002



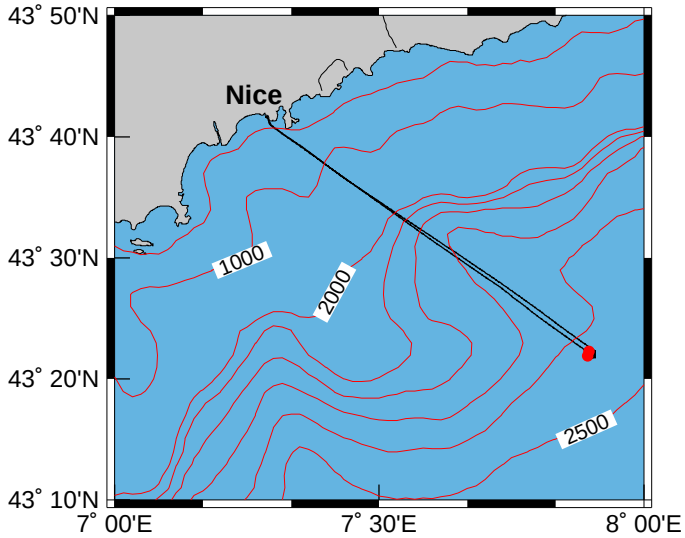


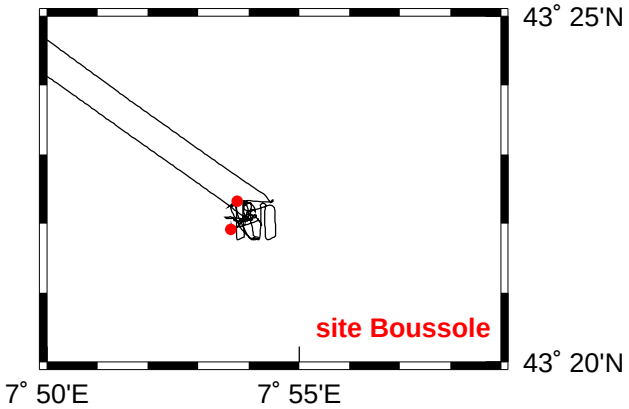


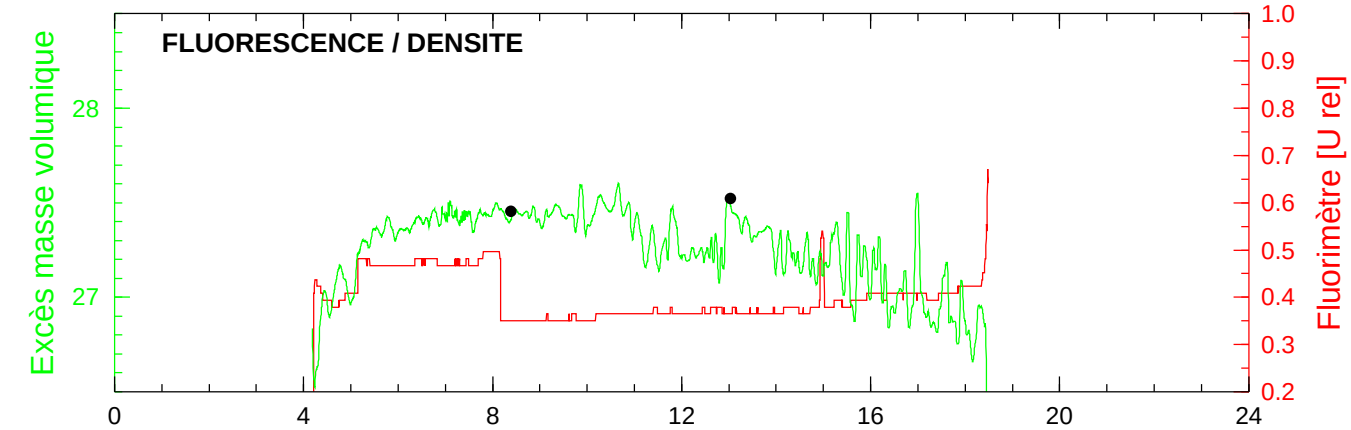


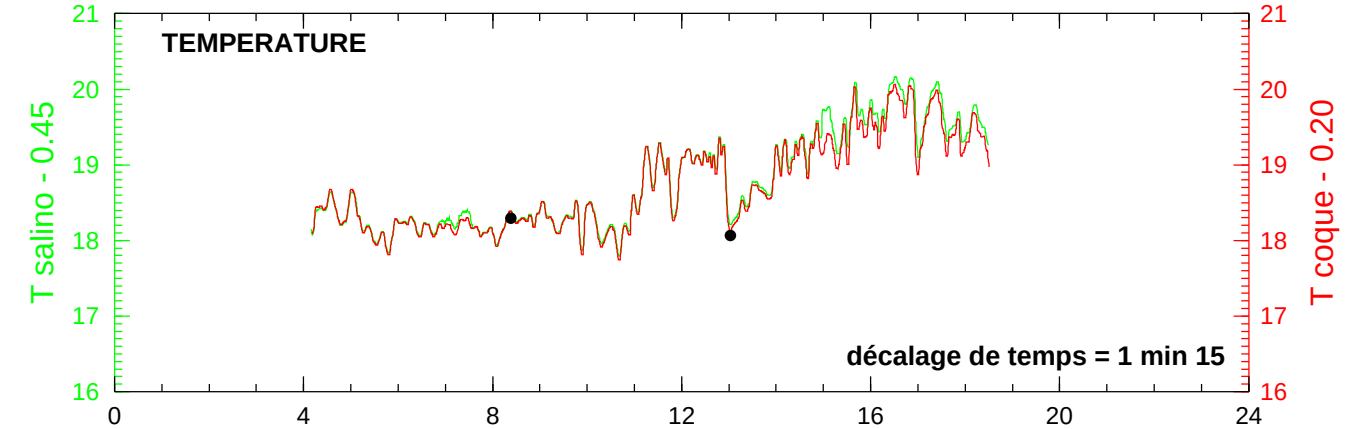


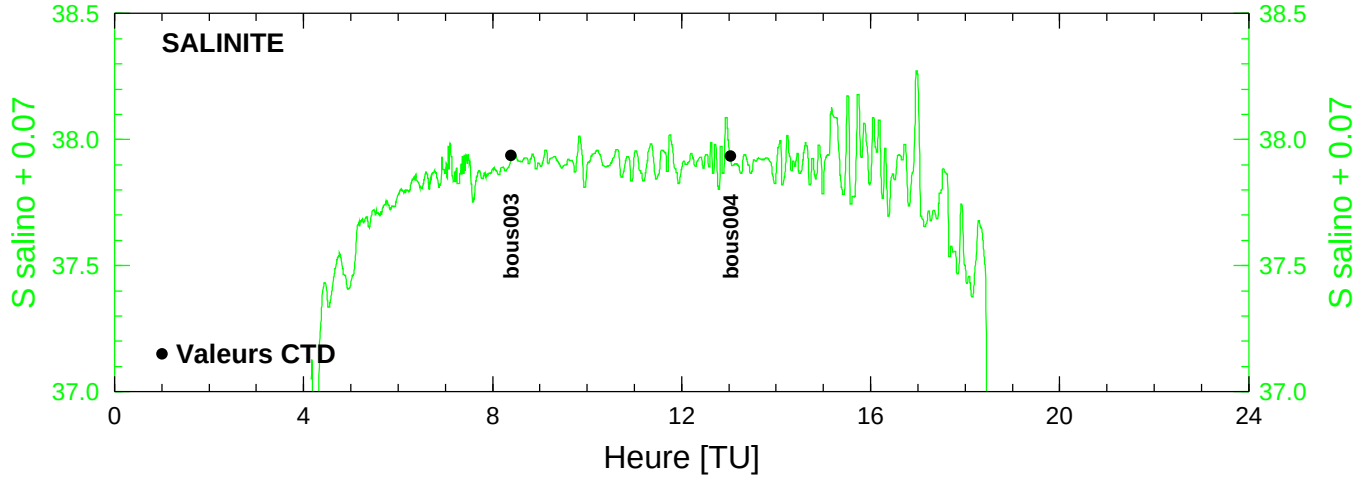
BOUSSOLE 11 21 mai 2002

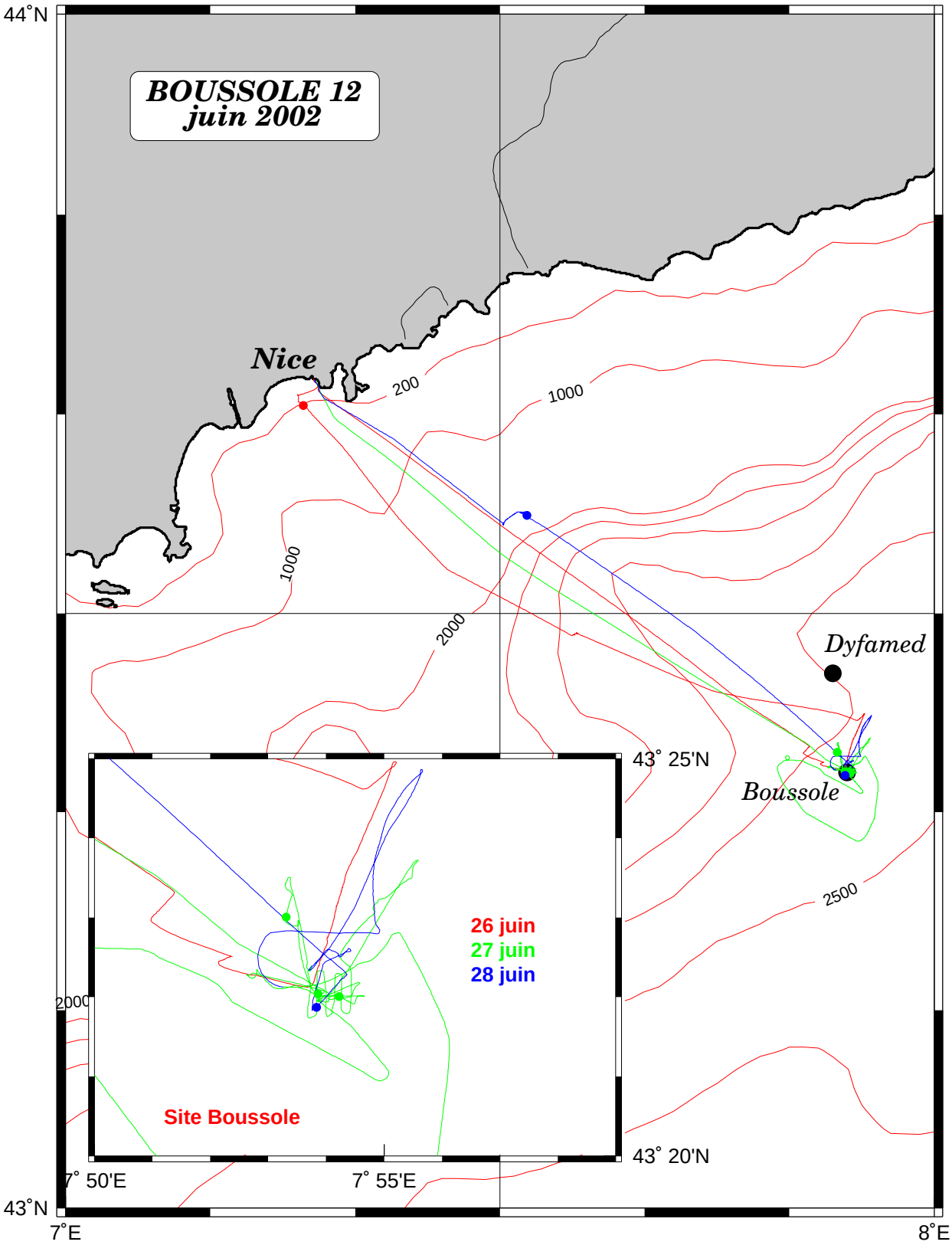












GMT 2003 Oct 13 19:05:29

Date: juin 2002

ASCII file: C:\boussole\juin2002\ctd\raw\calib.CON

Configuration report for SBE 911/917 plus CTD SN # 0329

```
Frequency channels suppressed : 2
Voltage words suppressed      : 0
Computer interface            : RS-232C
Scans to average              : 1
Surface PAR voltage added     : Yes
NMEA position data added      : No
Scan time added               : No
```

1) Frequency channel 0, Temperature

```
Serial number : 1539
Calibrated on : 28-Jan-02
G             : 4.83527865e-003
H             : 6.69065123e-004
I             : 2.40728033e-005
J             : 1.79180741e-006
F0            : 1000.000
Slope         : 1.00000000
Offset        : 0.0000
```

2) Frequency channel 1, Conductivity

```
Serial number : 1313
Calibrated on : 29-Jan-02
G             : -4.07357901e+000
H             : 4.87565570e-001
I             : -2.58588092e-004
J             : 3.91964511e-005
CTcor         : 3.2500e-006
CPcor         : -9.57000000e-008
Slope         : 1.00000000
Offset        : 0.00000
```

3) Frequency channel 2, Pressure, Digiquartz with TC

```
Serial number : 53981
Calibrated on : 11-Jan-1995
C1            : -4.499337e+004
C2            : 4.543683e-001
C3            : 1.505020e-002
D1            : 3.936600e-002
D2            : 0.000000e+000
T1            : 3.004660e+001
T2            : -1.897714e-004
T3            : 4.727060e-006
T4            : 1.923520e-009
T5            : 0.000000e+000
Slope         : 0.99985000
Offset        : 0.11430
AD590M        : 1.138000e-002
AD590B        : -8.189160e+000
```

4) Voltage channel 0, Oxygen Current, Beckman/YSI

```
Serial number : 13330
Calibrated on : 15-Mai-02
M             : 2.4612e-007
B             : -4.2578e-010
Soc           : 2.9952
Boc           : -0.0275
Tcor          : -0.0330
Pcor          : 1.50e-004
Tau           : 2.0
Wt            : 0.67
```

5) Voltage channel 1, Oxygen Temperature, Beckman/YSI

```
Serial number : 13330
Calibrated on : 15-Mai-02
K             : 8.9588
C             : -6.8989
```

6) Voltage channel 2, Fluorometer, Chelsea Aqua 3

```
Serial number : 88/2050/094
Calibrated on : 23-Mar-94
VB            : 0.300000
V1            : 2.009000
Vacetone      : 0.390000
Scale factor  : 1.000000
Slope         : 1.000000
Offset        : -0.020000
```

7) Voltage channel 3, Free

8) Voltage channel 4, Free

9) Voltage channel 5, Free

10) Voltage channel 6, Altimeter

```
Serial number : 464
Calibrated on : 10-Nov-95
Scale factor  : 5.000
Offset        : 0.000
```

11) Voltage channel 7, Free

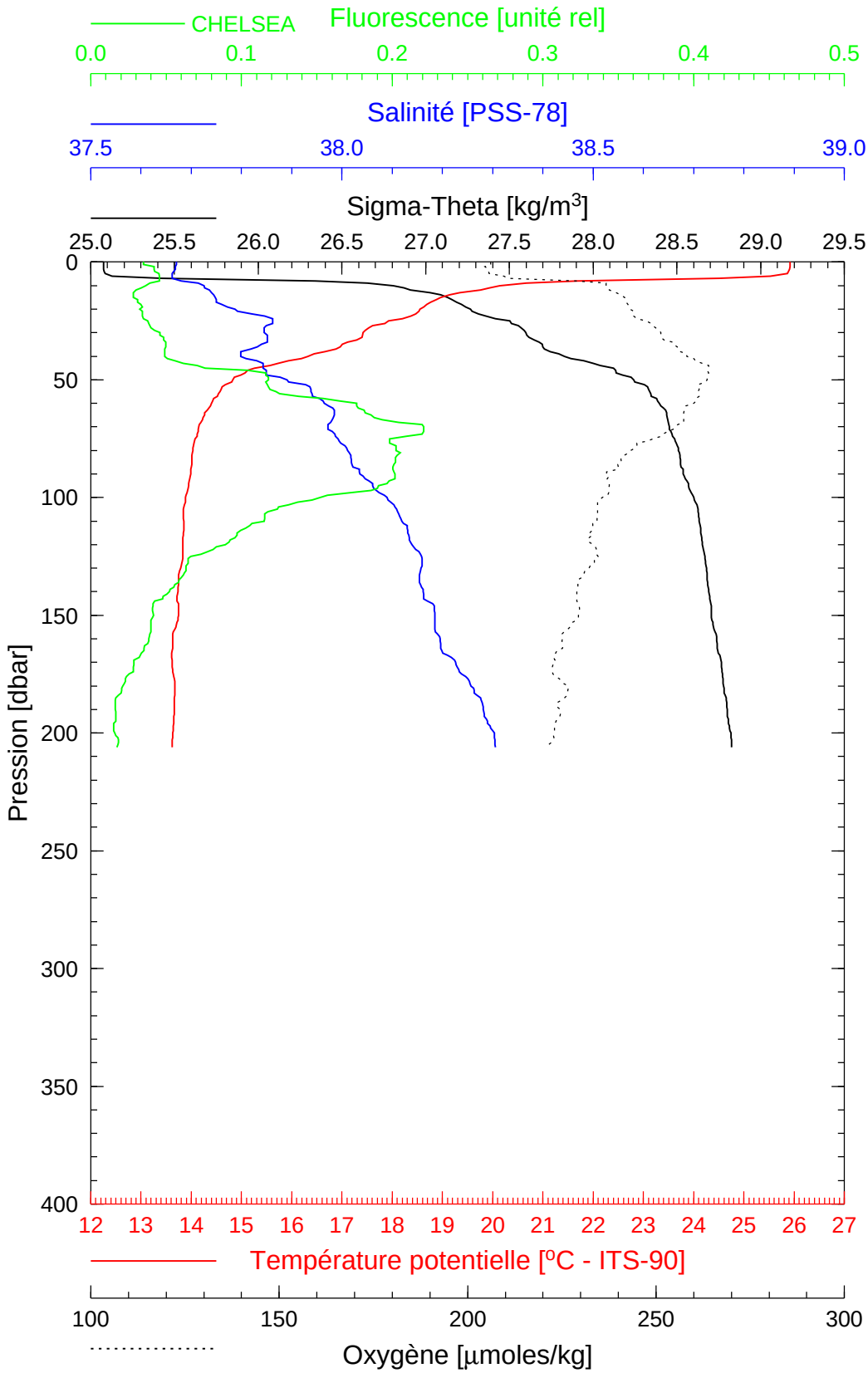
12) SPAR voltage, Unavailable

13) SPAR voltage, SPAR/Surface Irradiance

```
Serial number     : 6326
Calibrated on     : 24-Fev-95
Conversion factor : 753.25000000
Ratio multiplier  : 1.00000000
```

Boussole 12 **26/06/2002** **BOUS020626_01**

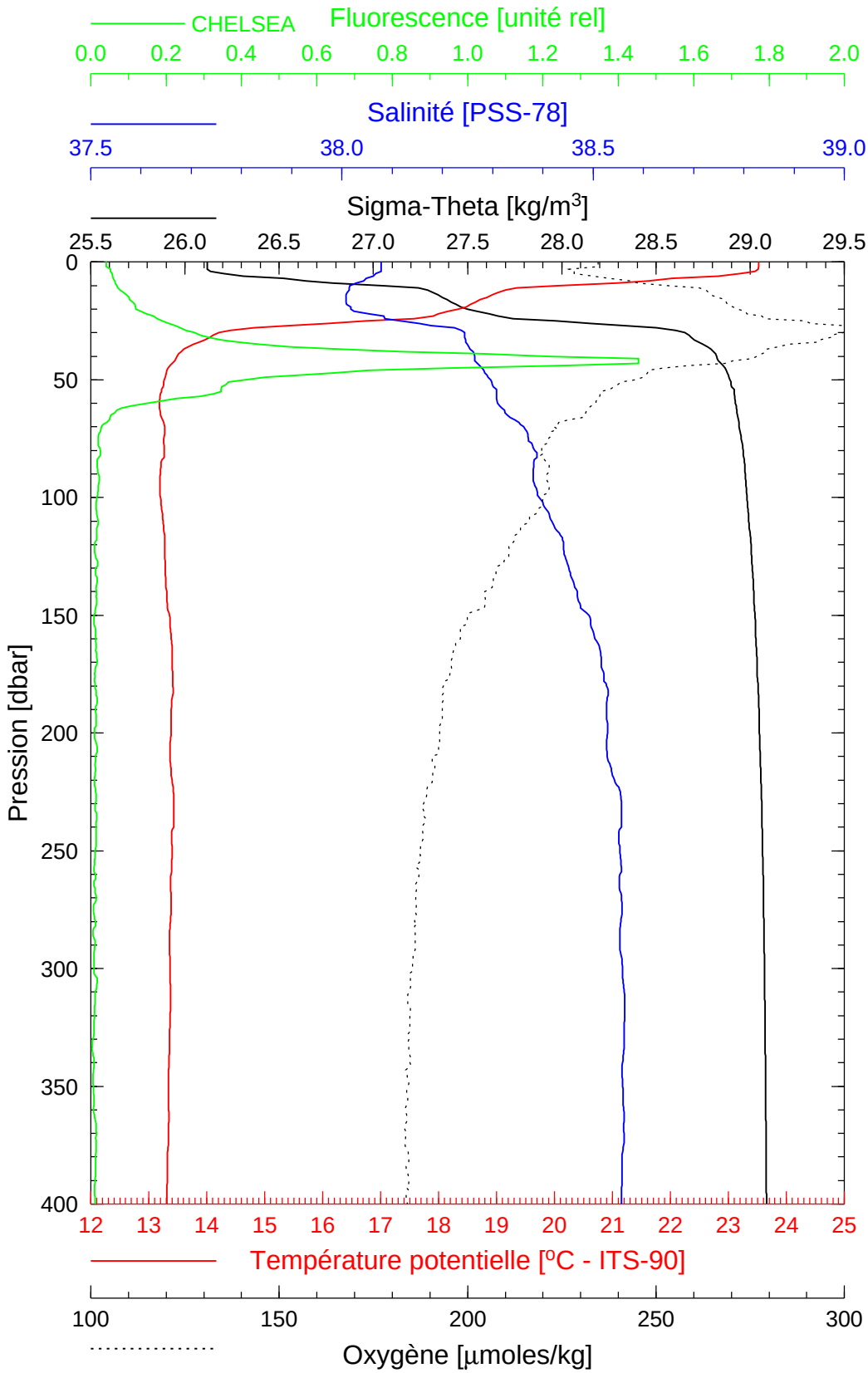
bous001



Date	*26/06/2002*	*Latitude*	*43º40.445 N*
Heure déb	*15h 02min [TU]*	*Longitude*	*07º16.436 E*

Boussole 12 **27/06/2002** **BOUS020627_01**

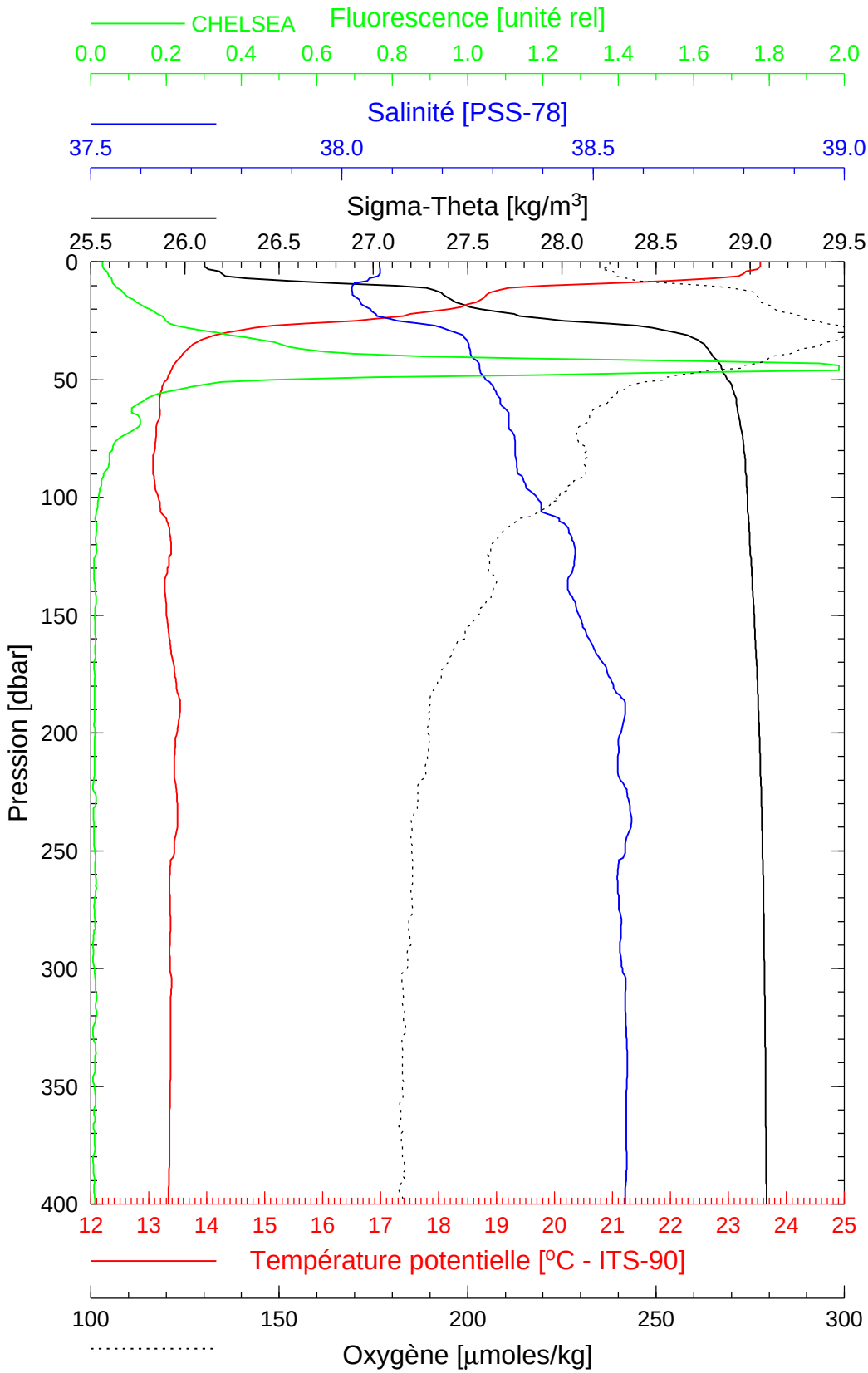
bous002



Date	*27/06/2002*	*Latitude*	*43º22.037 N*
Heure déb	*07h 52min [TU]*	*Longitude*	*07º53.863 E*

Boussole 12 **27/06/2002** **BOUS020627_02**

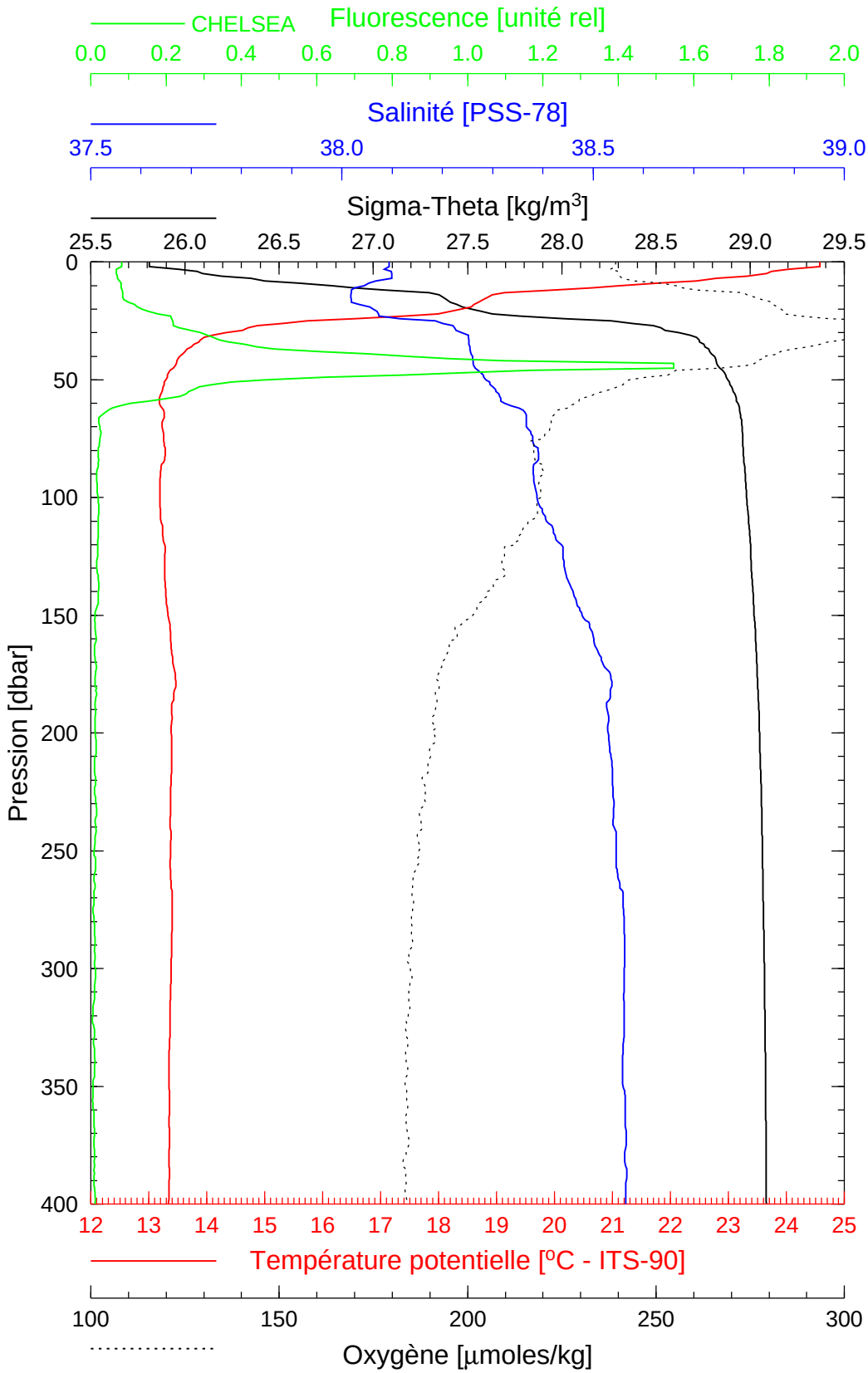
bous003



Date	*27/06/2002*	*Latitude*	*43º23.009 N*
Heure déb	*11h 30min [TU]*	*Longitude*	*07º53.310 E*

Boussole 12 **27/06/2002** **BOUS020627_03**

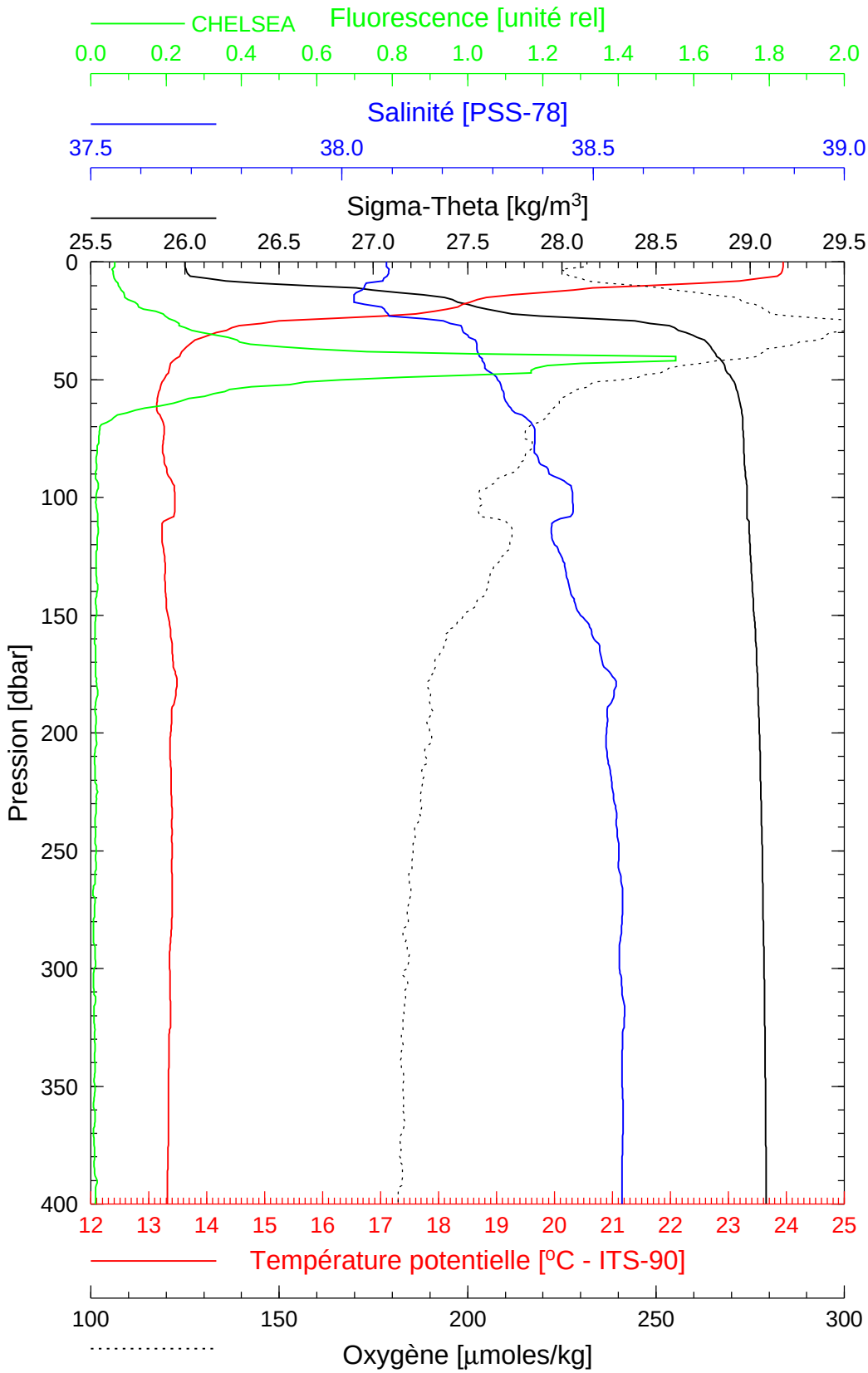
bous004



Date	*27/06/2002*	*Latitude*	*43º22.011 N*
Heure déb	*16h 26min [TU]*	*Longitude*	*07º54.225 E*

Boussole 12 **28/06/2002** **BOUS020628_01**

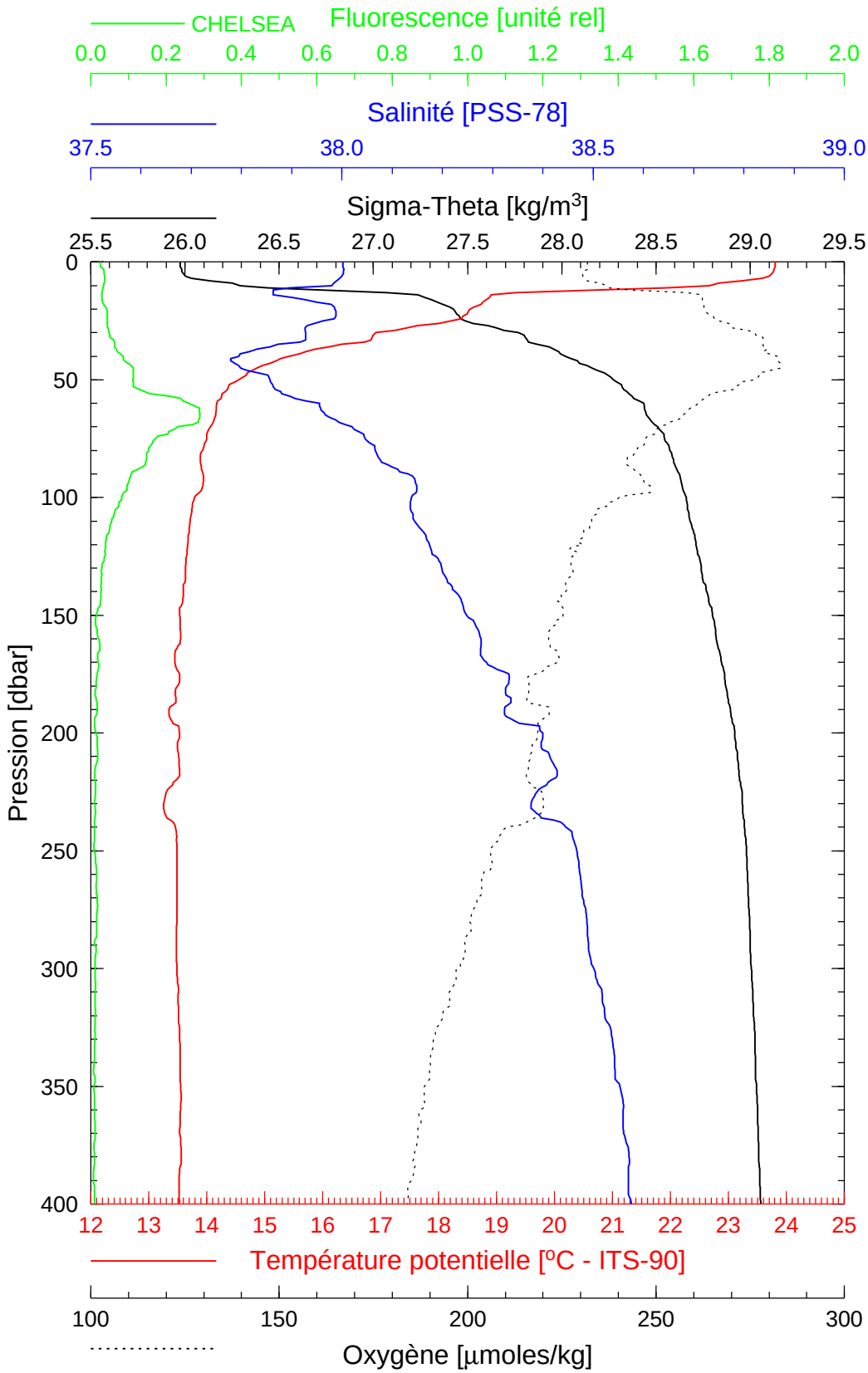
bous005



Date	*28/06/2002*	*Latitude*	*43º21.870 N*
Heure déb	*05h 46min [TU]*	*Longitude*	*07º53.834 E*

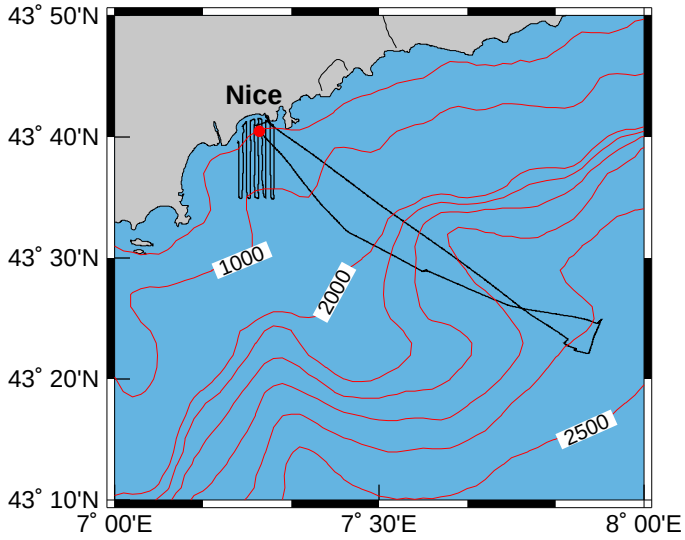
Boussole 12 **28/06/2002** **BOUS020628_02**

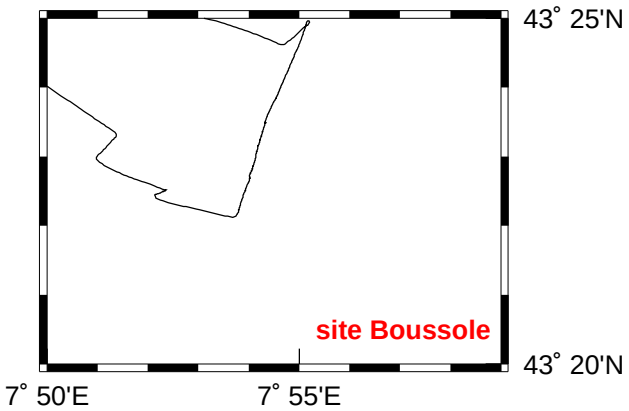
bous006

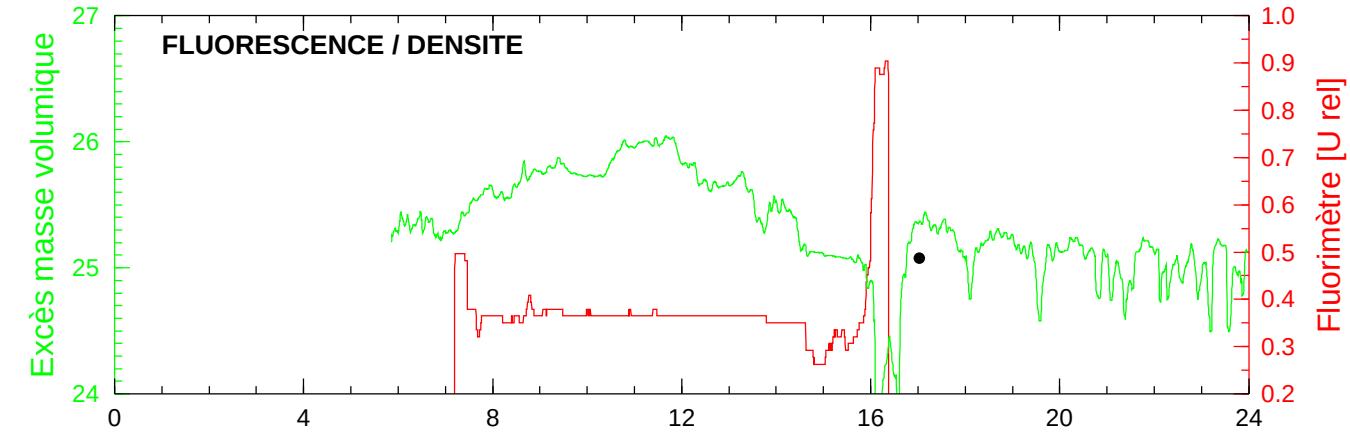


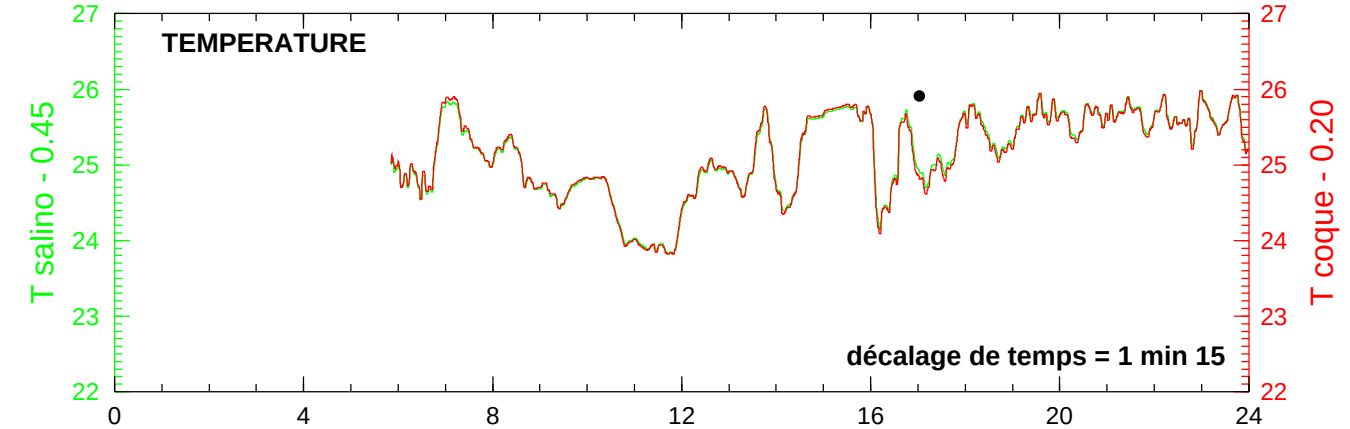
Date	*28/06/2002*	*Latitude*	*43º34.934 N*
Heure déb	*09h 16min [TU]*	*Longitude*	*07º31.866 E*

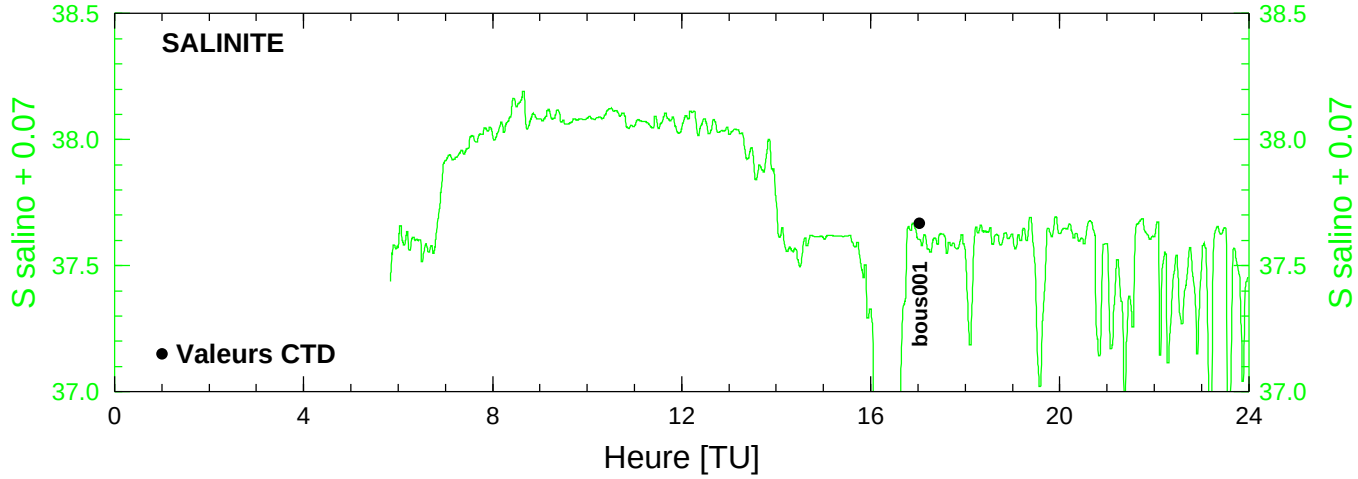
BOUSSOLE 12 26 juin 2002



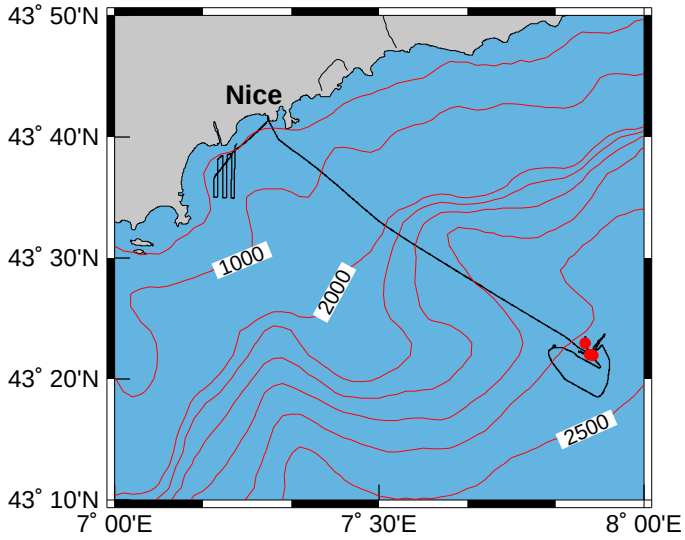


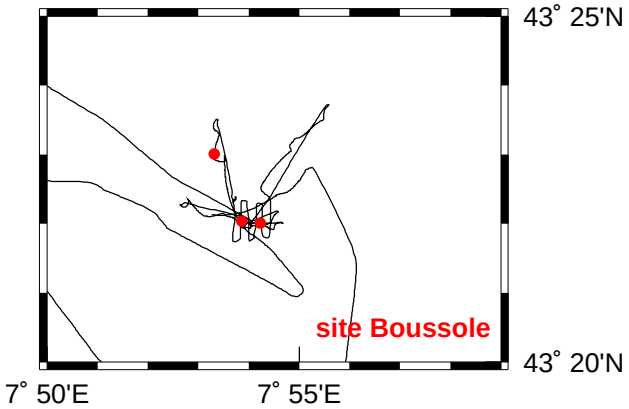


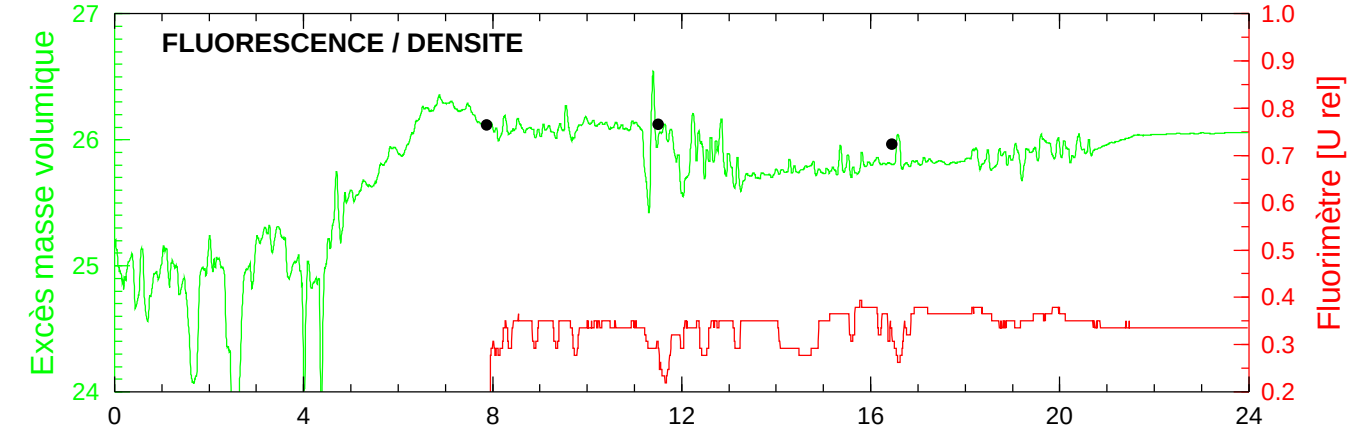


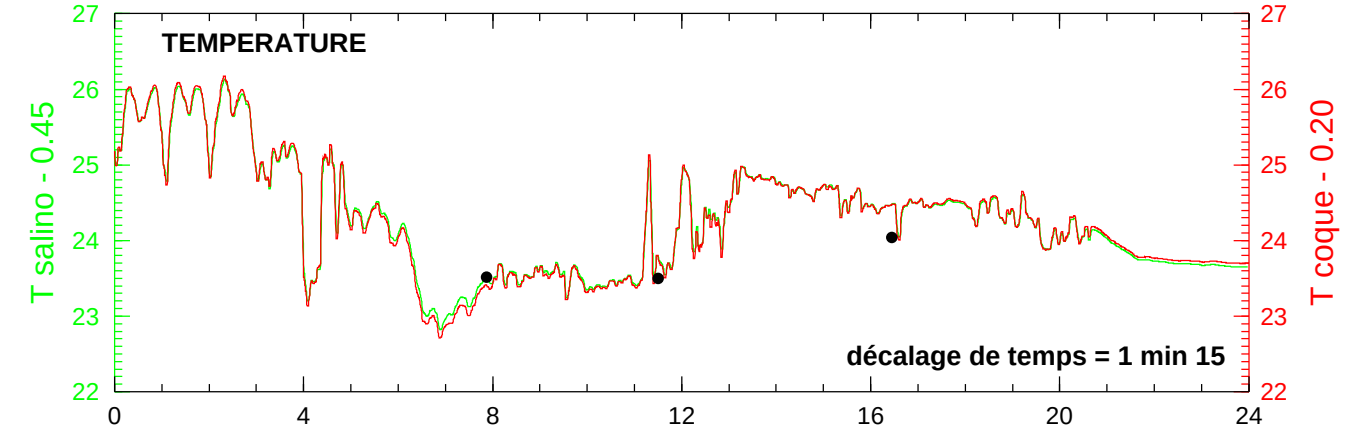


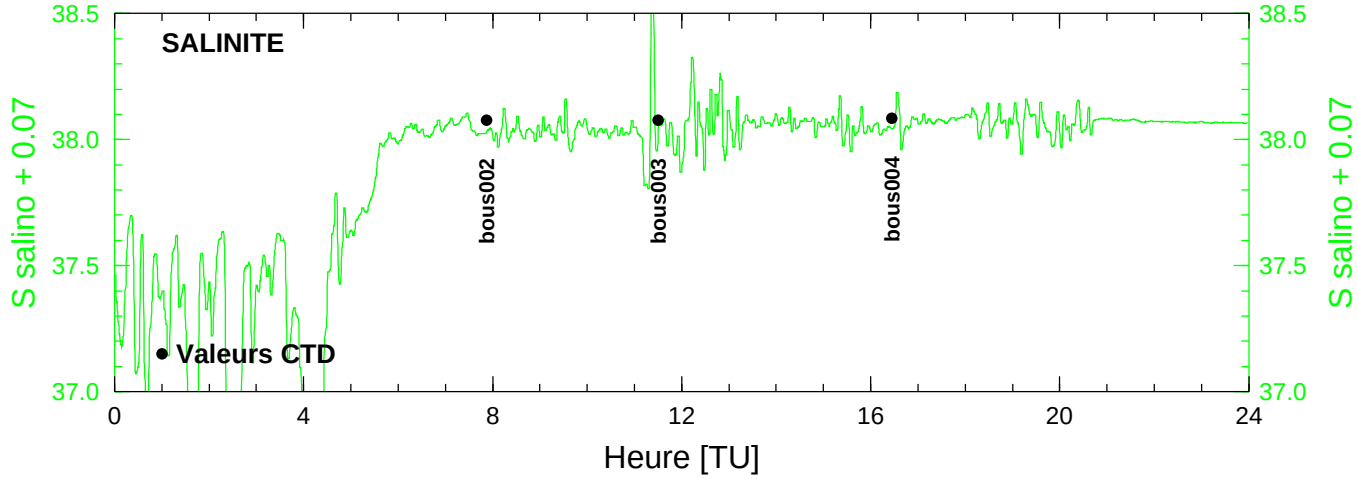
BOUSSOLE 12 27 juin 2002



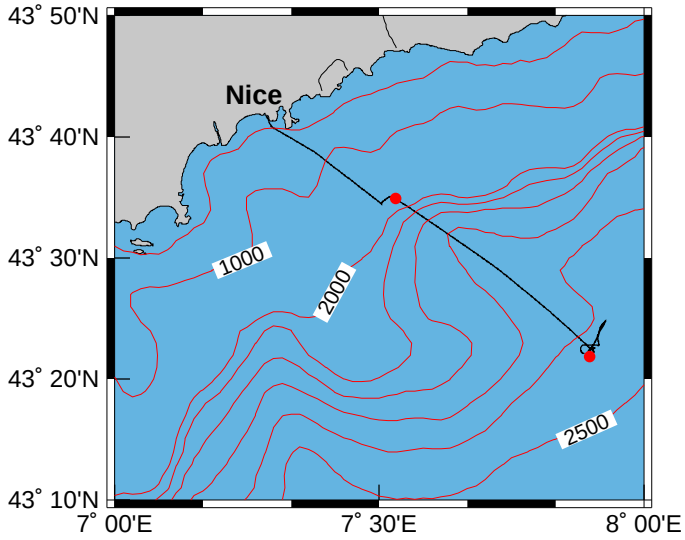


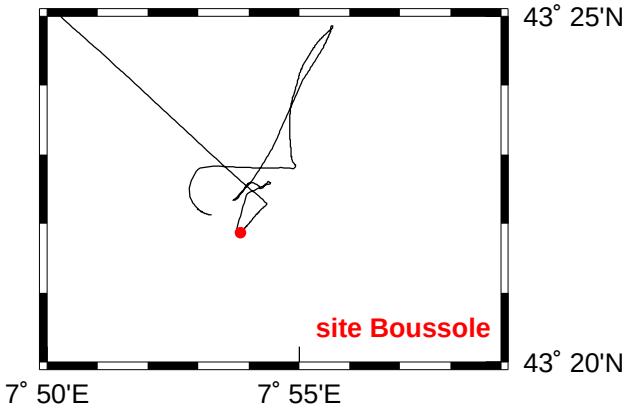


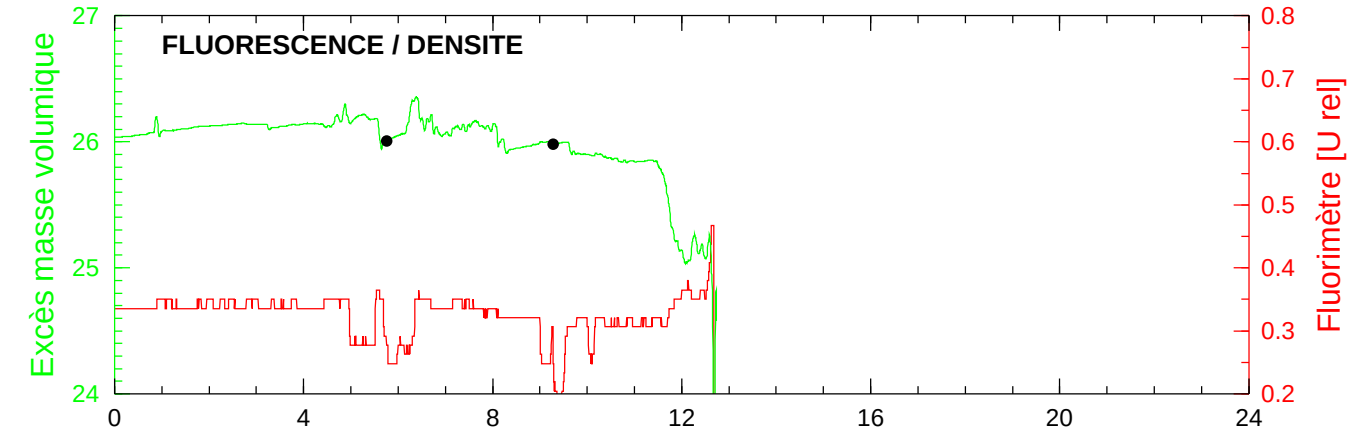


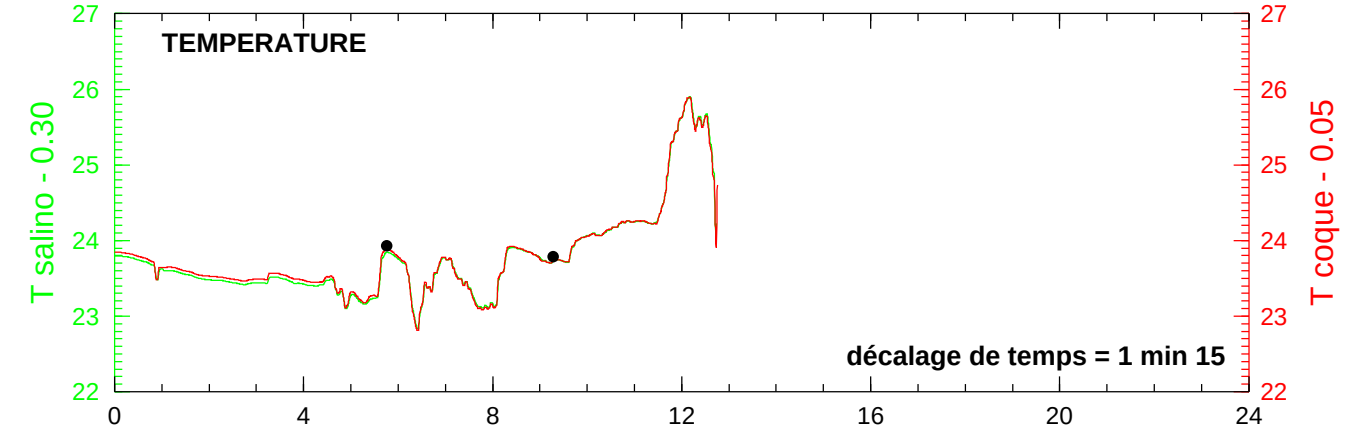


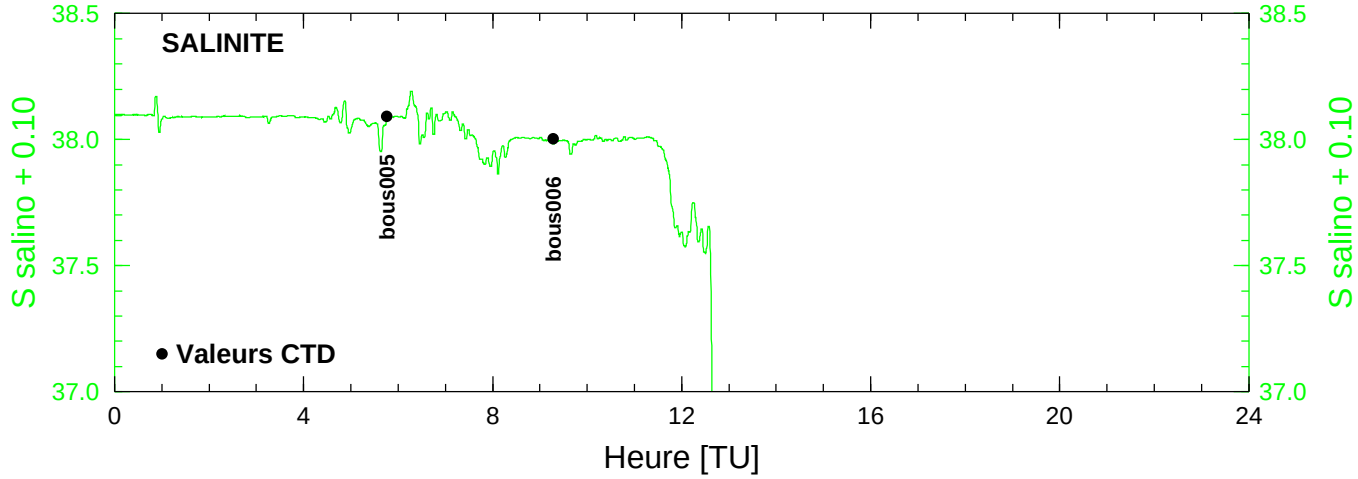
BOUSSOLE 12 28 juin 2002

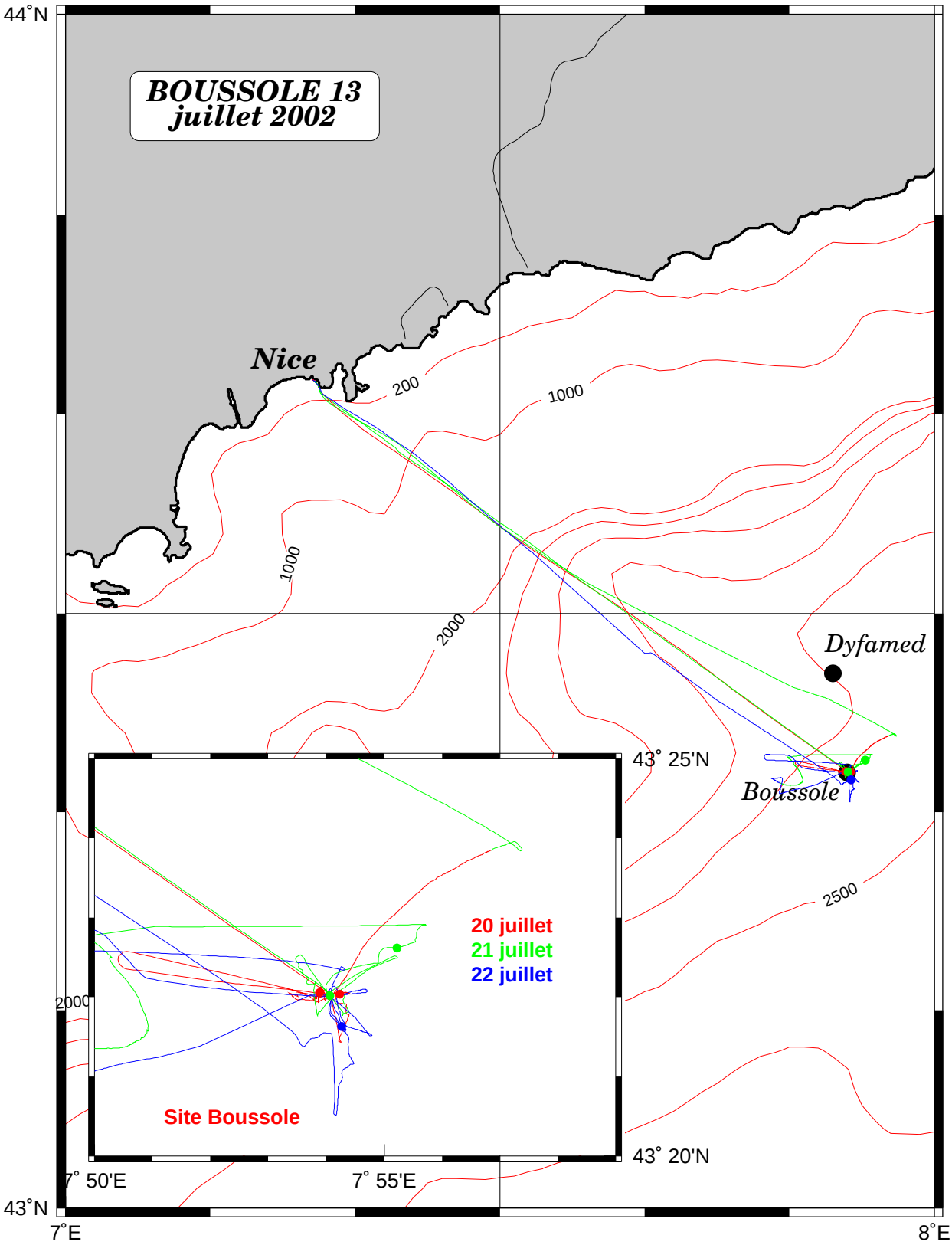












GMT 2004 Jan 12 14:37:14

Date: juillet 2002

ASCII file: C:\boussole\juillet2002\ctd\raw\calib.CON

Configuration report for SBE 911/917 plus CTD SN # 0329

```
Frequency channels suppressed : 2
Voltage words suppressed      : 0
Computer interface            : RS-232C
Scans to average              : 1
Surface PAR voltage added     : Yes
NMEA position data added      : No
Scan time added               : No
```

1) Frequency channel 0, Temperature

```
Serial number : 1539
Calibrated on : 28-Jan-02
G             : 4.83527865e-003
H             : 6.69065123e-004
I             : 2.40728033e-005
J             : 1.79180741e-006
F0            : 1000.000
Slope         : 1.00000000
Offset        : 0.0000
```

2) Frequency channel 1, Conductivity

```
Serial number : 1313
Calibrated on : 29-Jan-02
G             : -4.07357901e+000
H             : 4.87565570e-001
I             : -2.58588092e-004
J             : 3.91964511e-005
CTcor         : 3.2500e-006
CPcor         : -9.57000000e-008
Slope         : 1.00000000
Offset        : 0.00000
```

3) Frequency channel 2, Pressure, Digiquartz with TC

```
Serial number : 53981
Calibrated on : 11-Jan-1995
C1            : -4.499337e+004
C2            : 4.543683e-001
C3            : 1.505020e-002
D1            : 3.936600e-002
D2            : 0.000000e+000
T1            : 3.004660e+001
T2            : -1.897714e-004
T3            : 4.727060e-006
T4            : 1.923520e-009
T5            : 0.000000e+000
Slope         : 0.99985000
Offset        : 0.11430
AD590M        : 1.138000e-002
AD590B        : -8.189160e+000
```

4) Voltage channel 0, Oxygen Current, Beckman/YSI

```
Serial number : 13330
Calibrated on : 15-Mai-02
M             : 2.4612e-007
B             : -4.2578e-010
Soc           : 2.9952
Boc           : -0.0275
Tcor          : -0.0330
Pcor          : 1.50e-004
Tau           : 2.0
Wt            : 0.67
```

5) Voltage channel 1, Oxygen Temperature, Beckman/YSI

```
Serial number : 13330
Calibrated on : 15-Mai-02
K             : 8.9588
C             : -6.8989
```

6) Voltage channel 2, Fluorometer, Chelsea Aqua 3

```
Serial number : 88/2050/094
Calibrated on : 23-Mar-94
VB            : 0.300000
V1            : 2.009000
Vacetone      : 0.390000
Scale factor  : 1.000000
Slope         : 1.000000
Offset        : -0.020000
```

7) Voltage channel 3, Free

8) Voltage channel 4, Free

9) Voltage channel 5, Free

10) Voltage channel 6, Altimeter

```
Serial number : 464
Calibrated on : 10-Nov-95
Scale factor  : 5.000
Offset        : 0.000
```

11) Voltage channel 7, Free

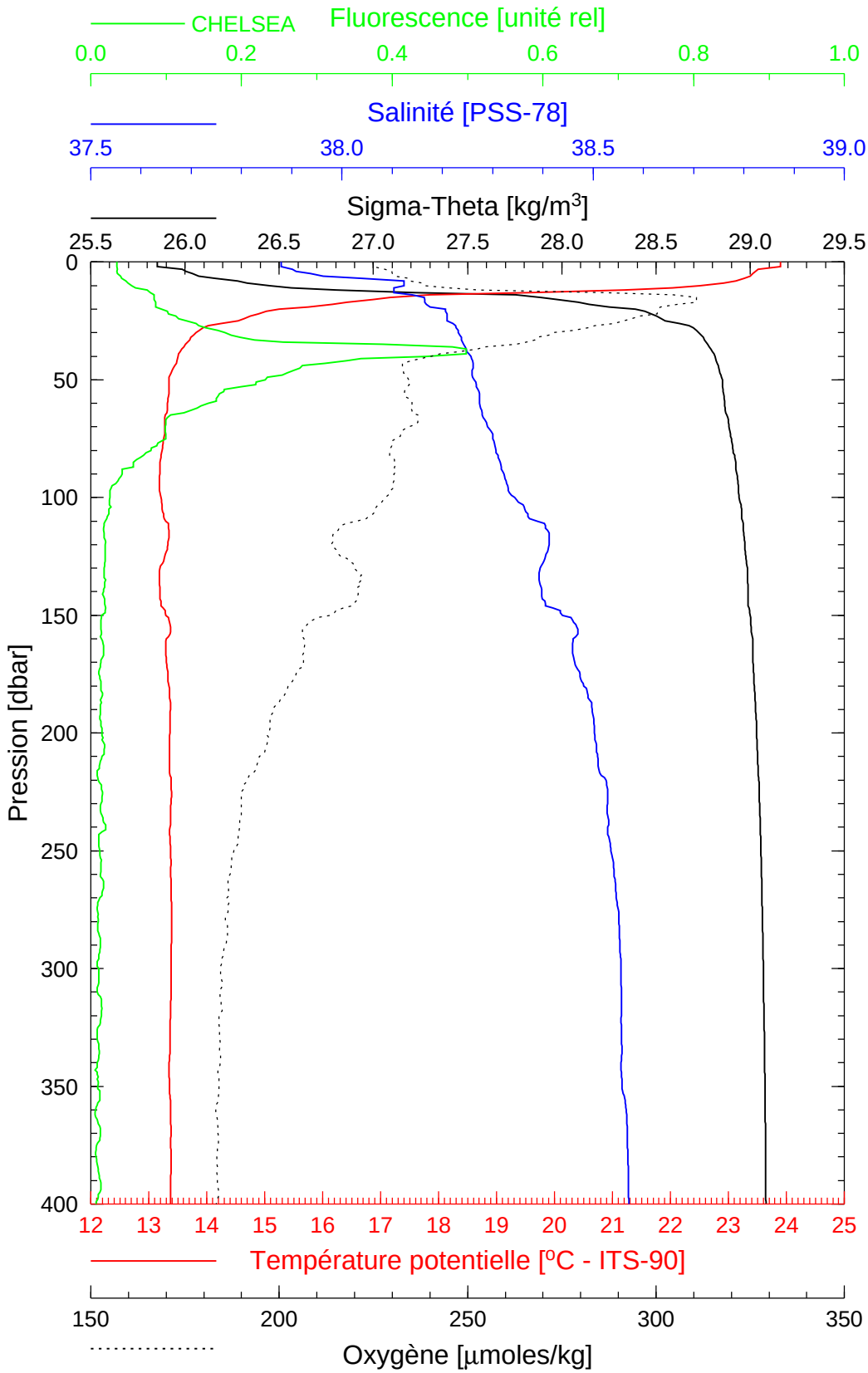
12) SPAR voltage, Unavailable

13) SPAR voltage, SPAR/Surface Irradiance

```
Serial number     : 6326
Calibrated on     : 24-Fev-95
Conversion factor : 753.25000000
Ratio multiplier  : 1.00000000
```

Boussole 13 **20/07/2002** **BOUS020720_01**

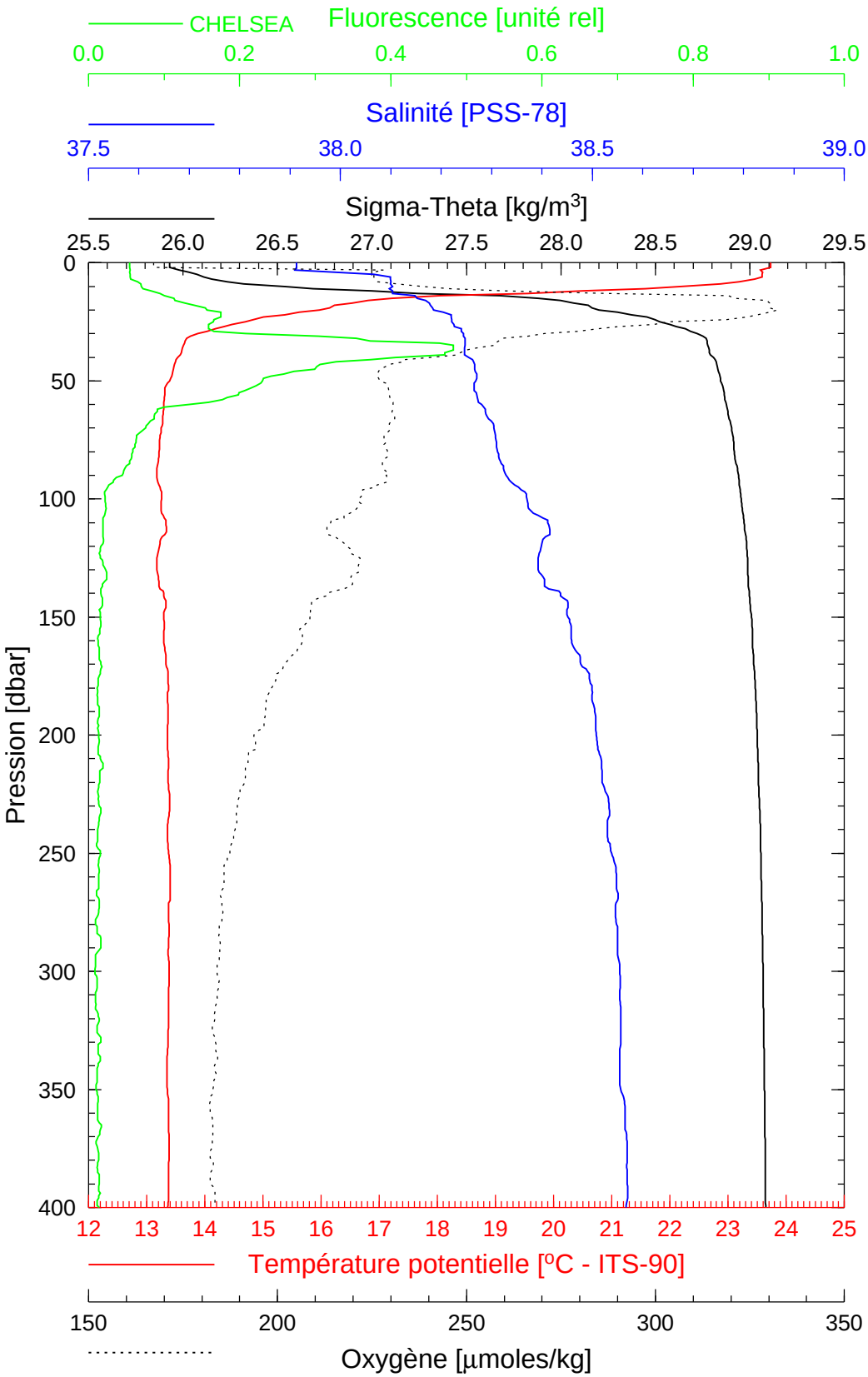
bous001



Date	*20/07/2002*	*Latitude*	*43º22.038 N*
Heure déb	*10h 54min [TU]*	*Longitude*	*07º54.232 E*

Boussole 13 **20/07/2002** **BOUS020720_02**

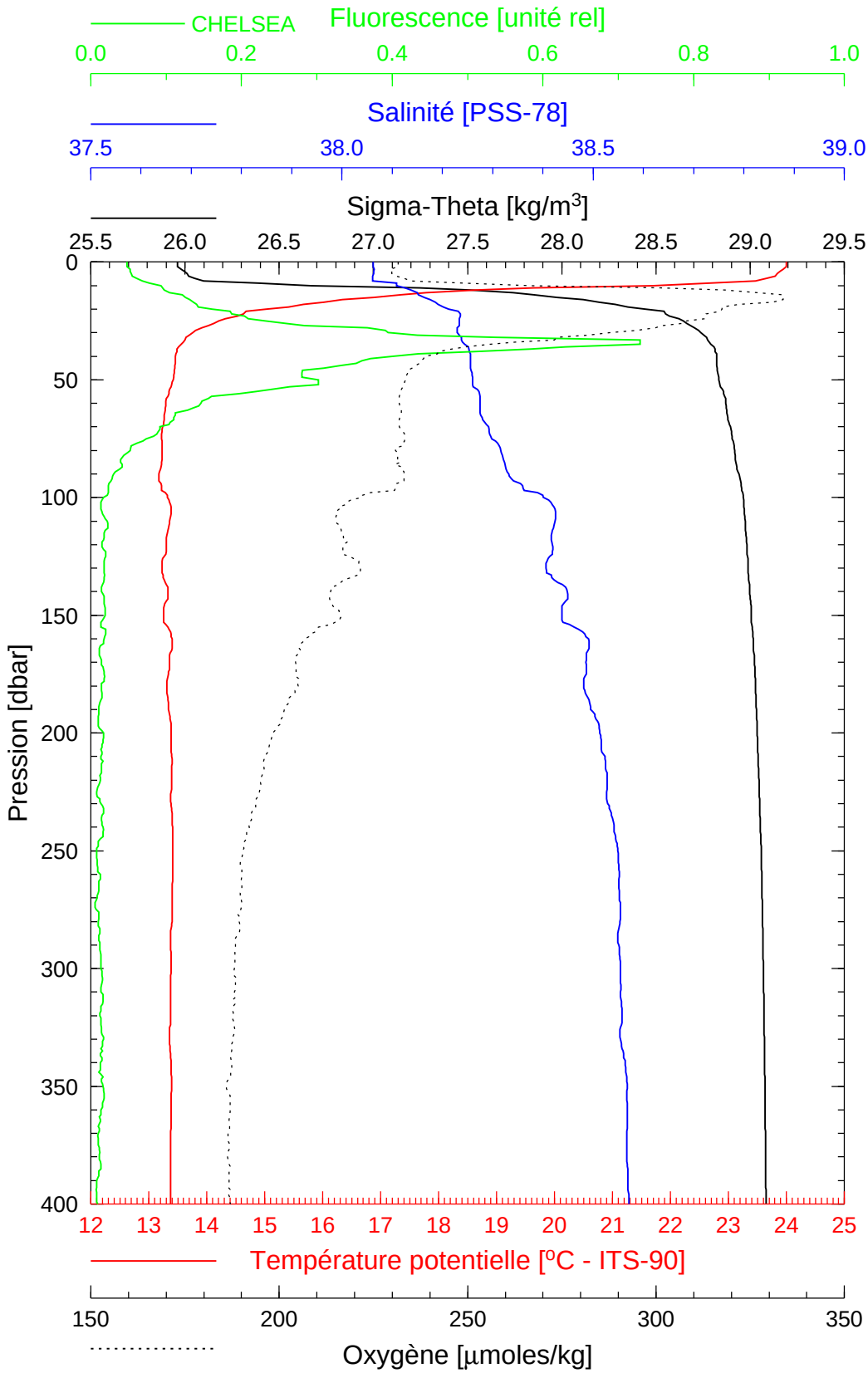
bous002



Date	*20/07/2002*	*Latitude*	*43º22.059 N*
Heure déb	*15h 38min [TU]*	*Longitude*	*07º53.882 E*

Boussole 13 **21/07/2002** **BOUS020721_01**

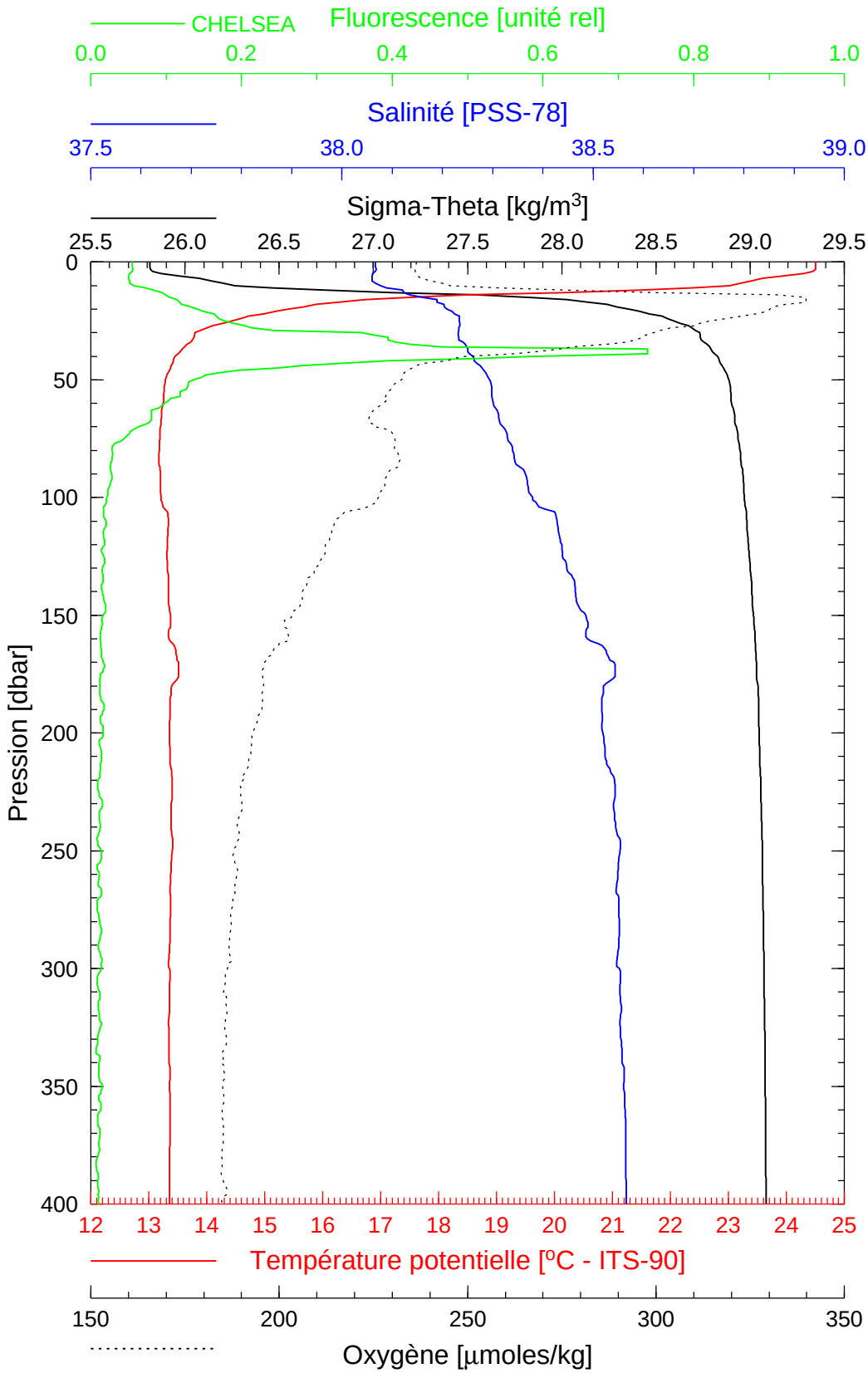
bous003



Date	*21/07/2002*	*Latitude*	*43º22.020 N*
Heure déb	*09h 08min [TU]*	*Longitude*	*07º54.064 E*

Boussole 13 **21/07/2002** **BOUS020721_02**

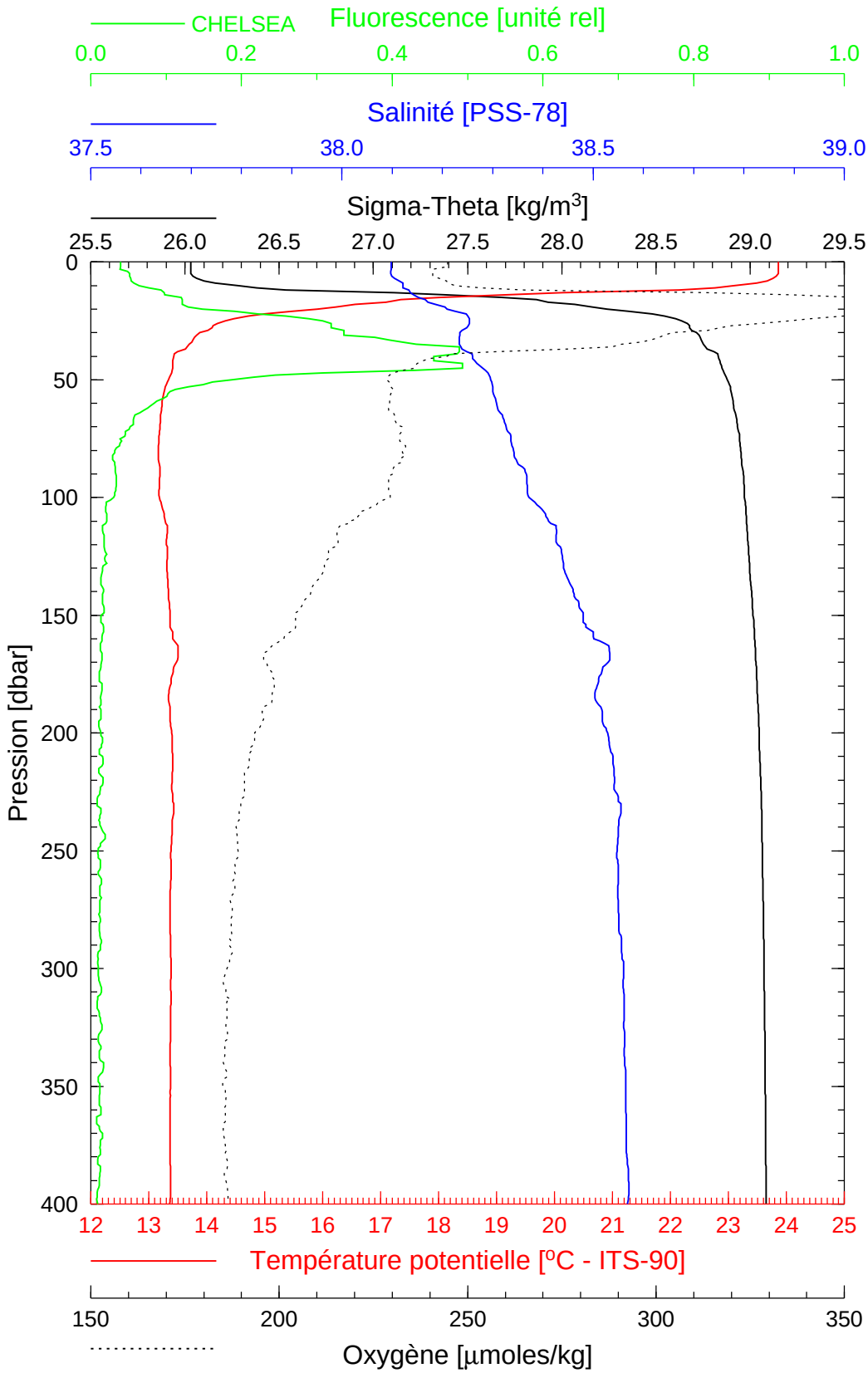
bous004



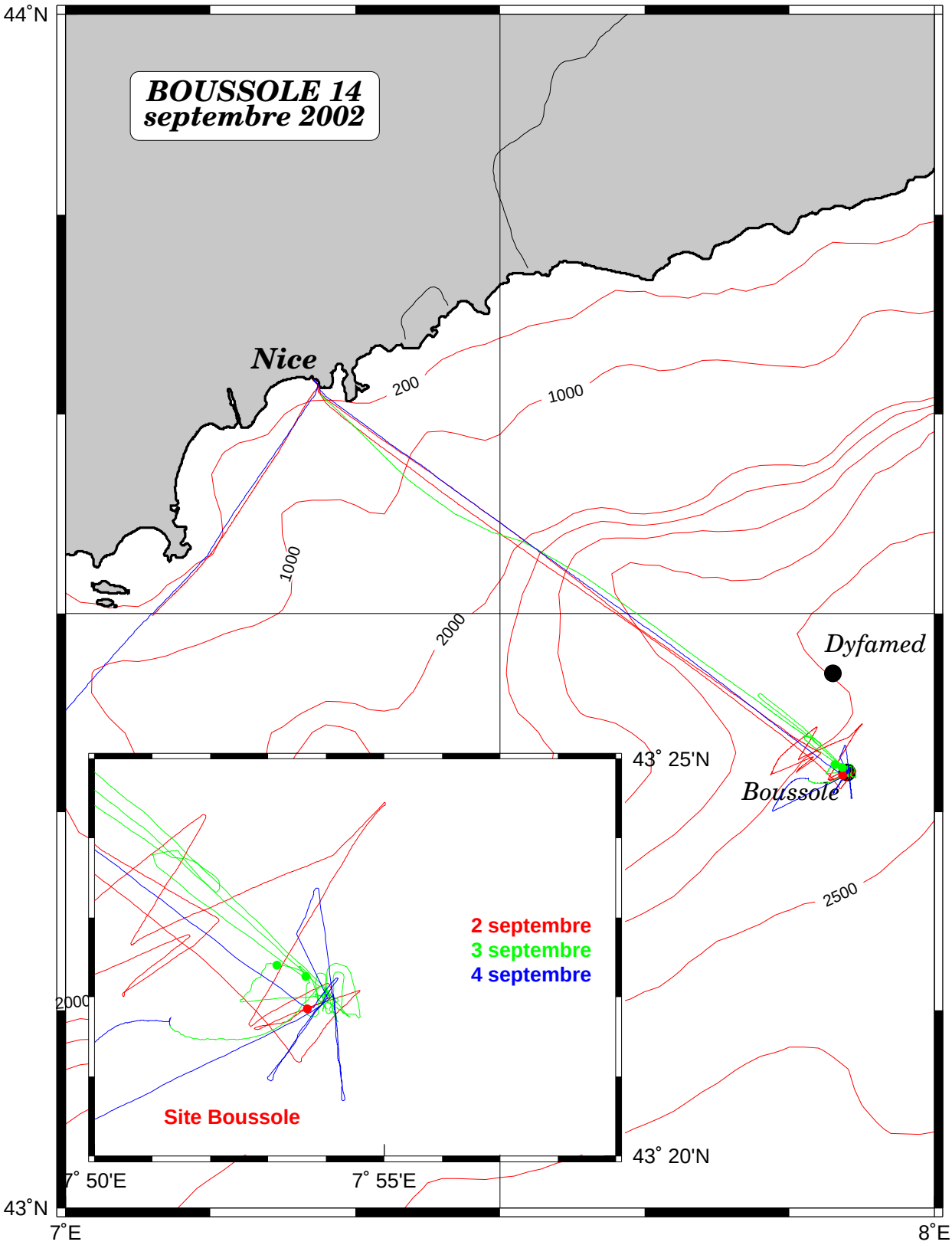
Date	*21/07/2002*	*Latitude*	*43º22.621 N*
Heure déb	*15h 43min [TU]*	*Longitude*	*07º55.222 E*

Boussole 13 **22/07/2002** **BOUS020722_01**

bous005



Date	*22/07/2002*	*Latitude*	*43º21.629 N*
Heure déb	*08h 43min [TU]*	*Longitude*	*07º54.269 E*



GMT 2004 Jan 12 15:32:55

Date: septembre 2002

ASCII file: C:\boussole\sept2002\ctd\raw\bous001.CON

Configuration report for SBE 911/917 plus CTD SN # 0329

Frequency channels suppressed : 2
Voltage words suppressed : 0
Computer interface : RS-232C
Scans to average : 1
Surface PAR voltage added : Yes
NMEA position data added : No
Scan time added : No

1) Frequency channel 0, Temperature

Serial number : **1539**
Calibrated on : 28-Jan-02
G : 4.83527865e-003
H : 6.69065123e-004
I : 2.40728033e-005
J : 1.79180741e-006
F0 : 1000.000
Slope : 1.00000000
Offset : 0.0000

2) Frequency channel 1, Conductivity

Serial number : **1313**
Calibrated on : 29-Jan-02
G : -4.07357901e+000
H : 4.87565570e-001
I : -2.58588092e-004
J : 3.91964511e-005
CTcor : 3.2500e-006
CPcor : -9.57000000e-008
Slope : 1.00000000
Offset : 0.00000

3) Frequency channel 2, Pressure, Digiquartz with TC

Serial number : **53981**
Calibrated on : 11-Jan-1995
C1 : -4.499337e+004
C2 : 4.543683e-001
C3 : 1.505020e-002
D1 : 3.936600e-002
D2 : 0.000000e+000
T1 : 3.004660e+001
T2 : -1.897714e-004
T3 : 4.727060e-006
T4 : 1.923520e-009
T5 : 0.000000e+000
Slope : 0.99985000
Offset : 0.11430
AD590M : 1.138000e-002
AD590B : -8.189160e+000

4) Voltage channel 0, Oxygen Current, Beckman/YSI

Serial number : **13330**
Calibrated on : 15-Mai-02
M : 2.4612e-007
B : -4.2578e-010
Soc : 2.9952
Boc : -0.0275
Tcor : -0.0330
Pcor : 1.50e-004
Tau : 2.0
Wt : 0.67

5) Voltage channel 1, Oxygen Temperature, Beckman/YSI

Serial number : **13330**
Calibrated on : 15-Mai-02
K : 8.9588
C : -6.8989

6) Voltage channel 2, Fluorometer, Chelsea Aqua 3

Serial number : **88/2050/094**
Calibrated on : 23-Mar-94
VB : 0.300000
V1 : 2.009000
Vacetone : 0.390000
Scale factor : 1.000000
Slope : 1.000000
Offset : -0.020000

7) Voltage channel 3, Free

8) Voltage channel 4, Free

9) Voltage channel 5, Free

10) Voltage channel 6, Altimeter

Serial number : **464**
Calibrated on : 10-Nov-95
Scale factor : 5.000
Offset : 0.000

11) Voltage channel 7, Free

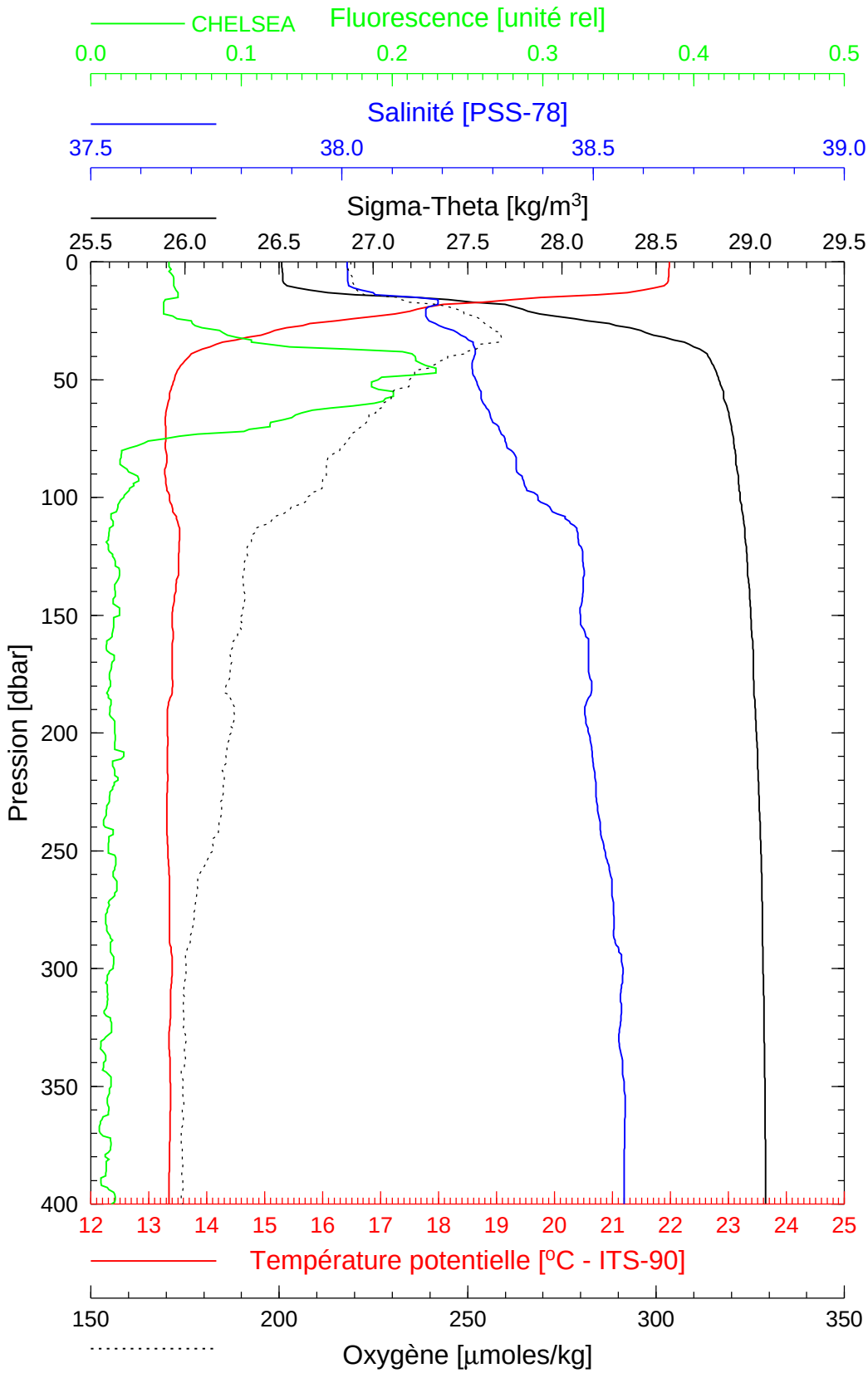
12) SPAR voltage, Unavailable

13) SPAR voltage, SPAR/Surface Irradiance

Serial number : **6326**
Calibrated on : 24-Fev-95
Conversion factor : 753.25000000
Ratio multiplier : 1.00000000

Boussole 14 **02/09/2002** **BOUS020902_01**

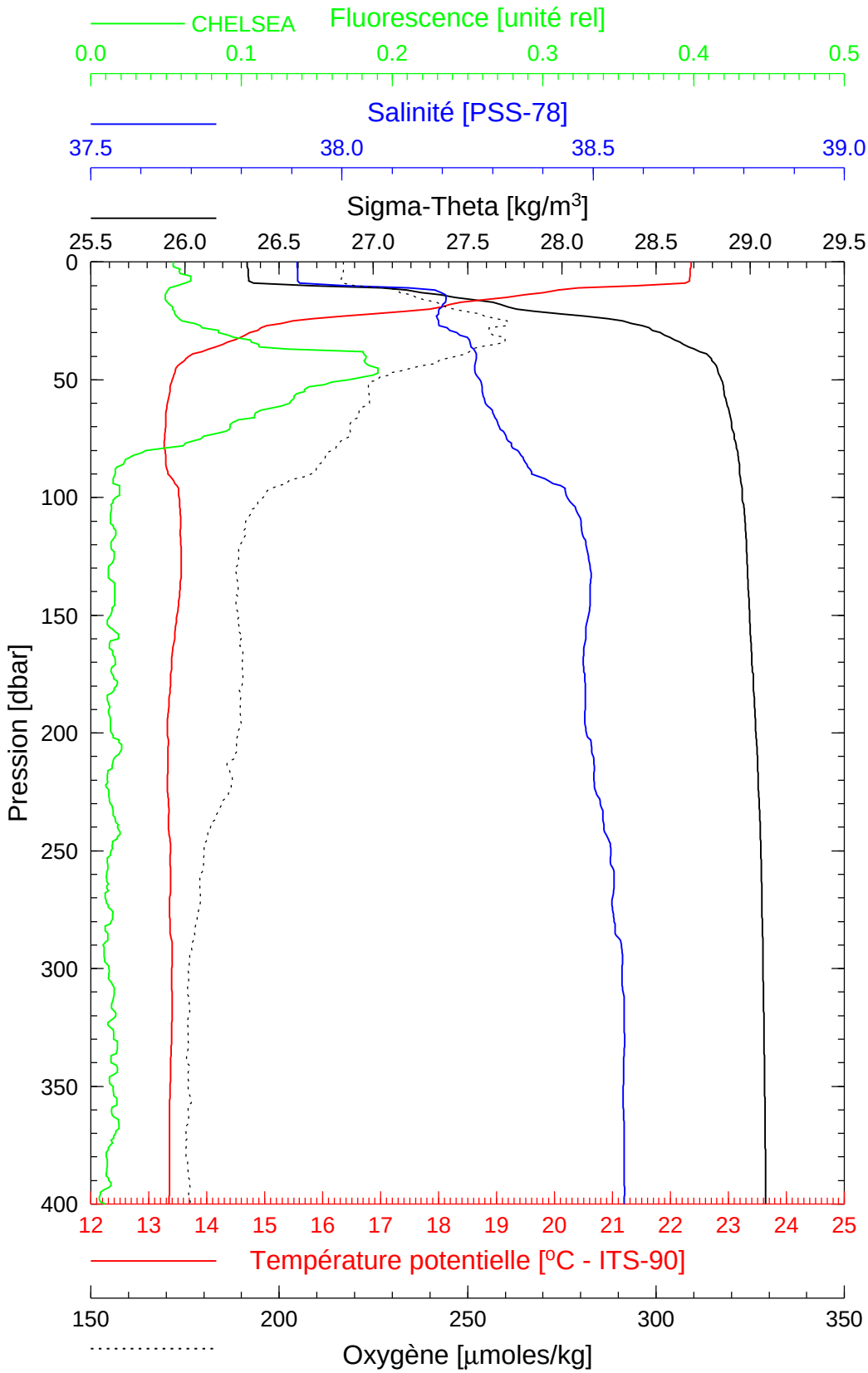
bous001



Date	*02/09/2002*	*Latitude*	*43º21.852 N*
Heure déb	*15h 27min [TU]*	*Longitude*	*07º53.674 E*

BOUSSOLE 14 **03/09/2002** **BOUS020903_01**

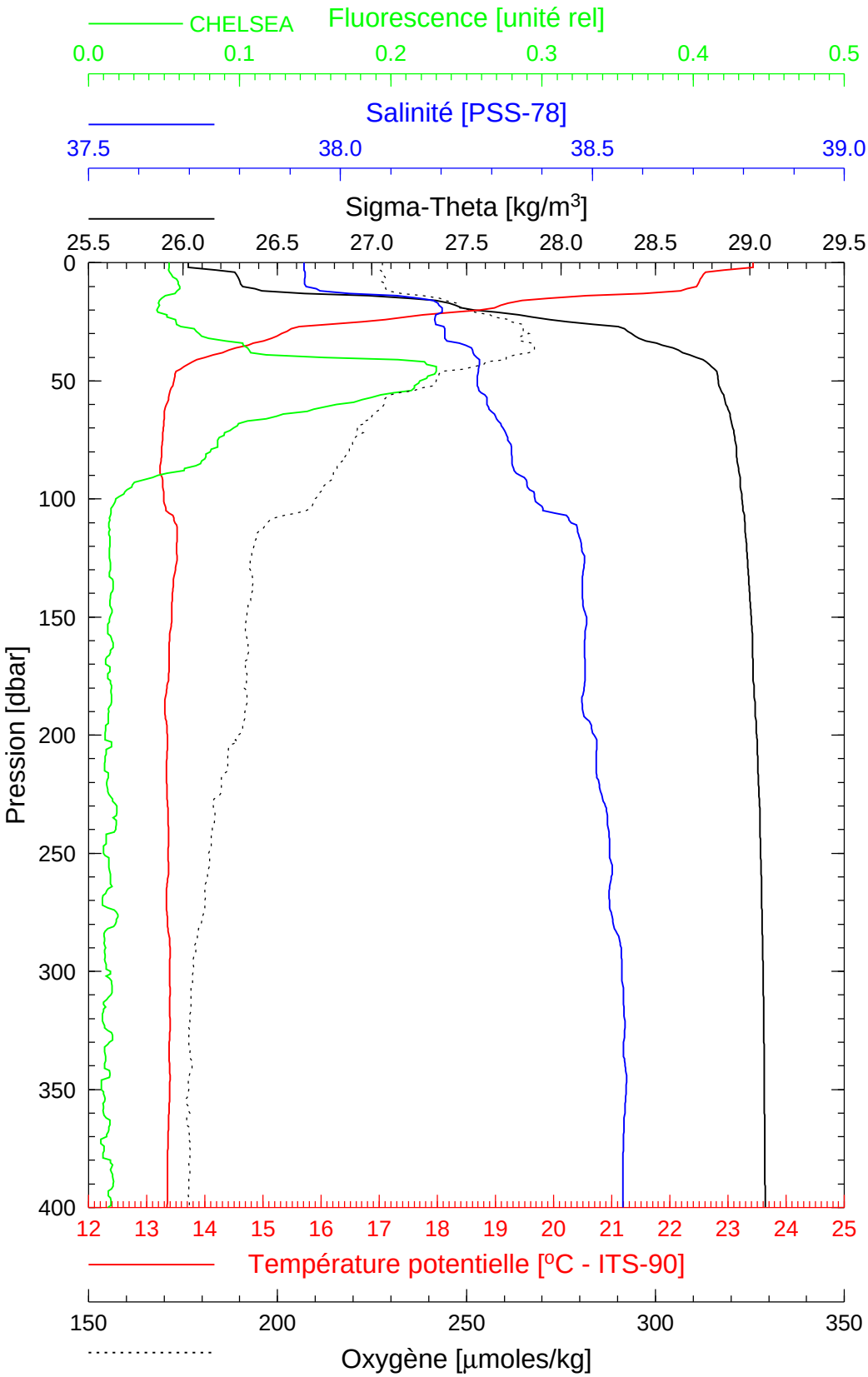
bous002



Date	*03/09/2002*	*Latitude*	*43°22.402 N*
Heure déb	*07h 04min [TU]*	*Longitude*	*07°53.152 E*

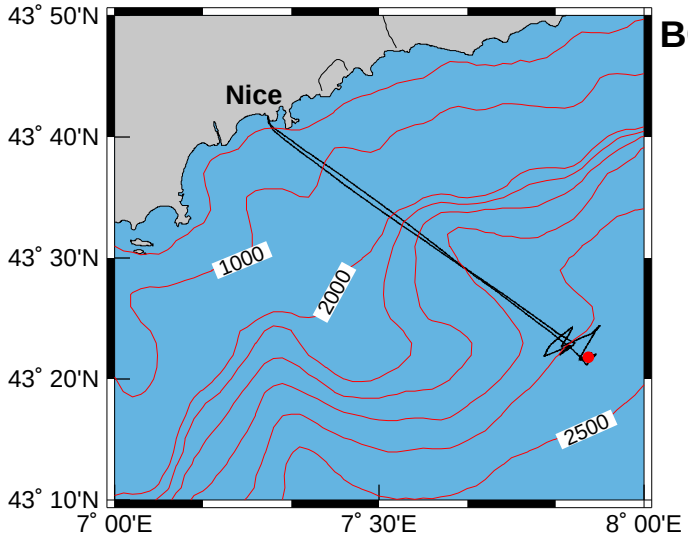
Boussole 14 **03/09/2002** **BOUS020903_02**

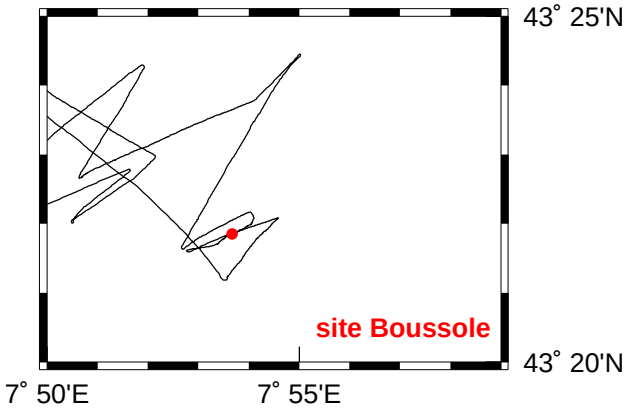
bous003

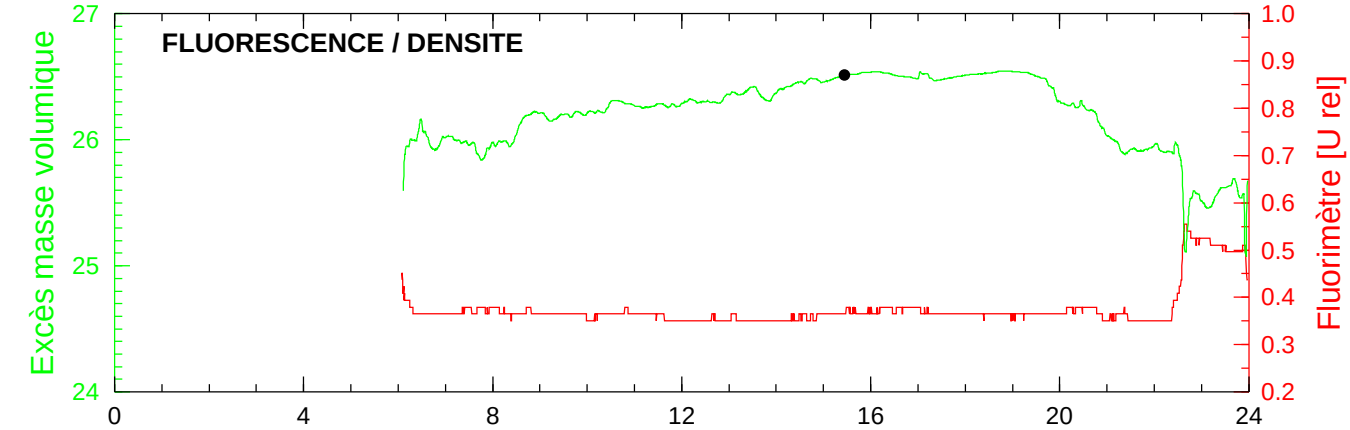


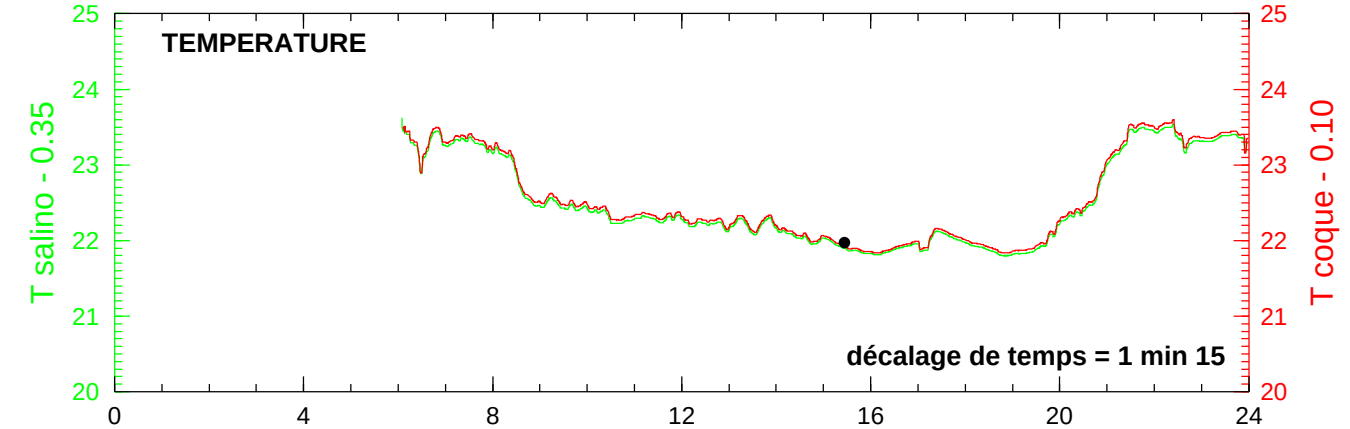
Date	*03/09/2002*	*Latitude*	*43º22.263 N*
Heure déb	*14h 33min [TU]*	*Longitude*	*07º53.647 E*

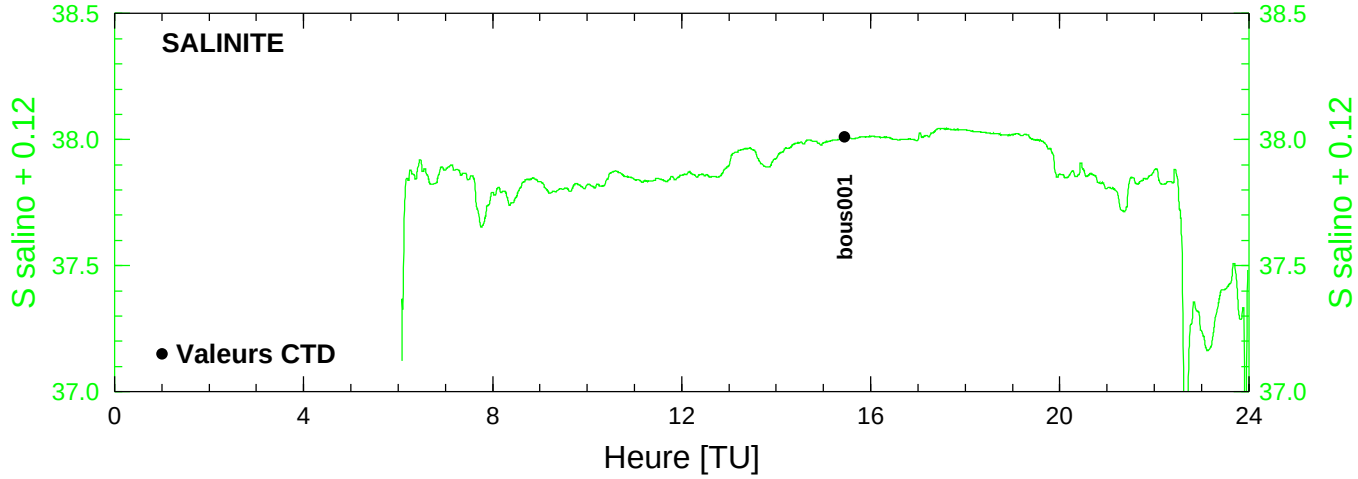
BOUSSOLE 14 2 septembre 2002

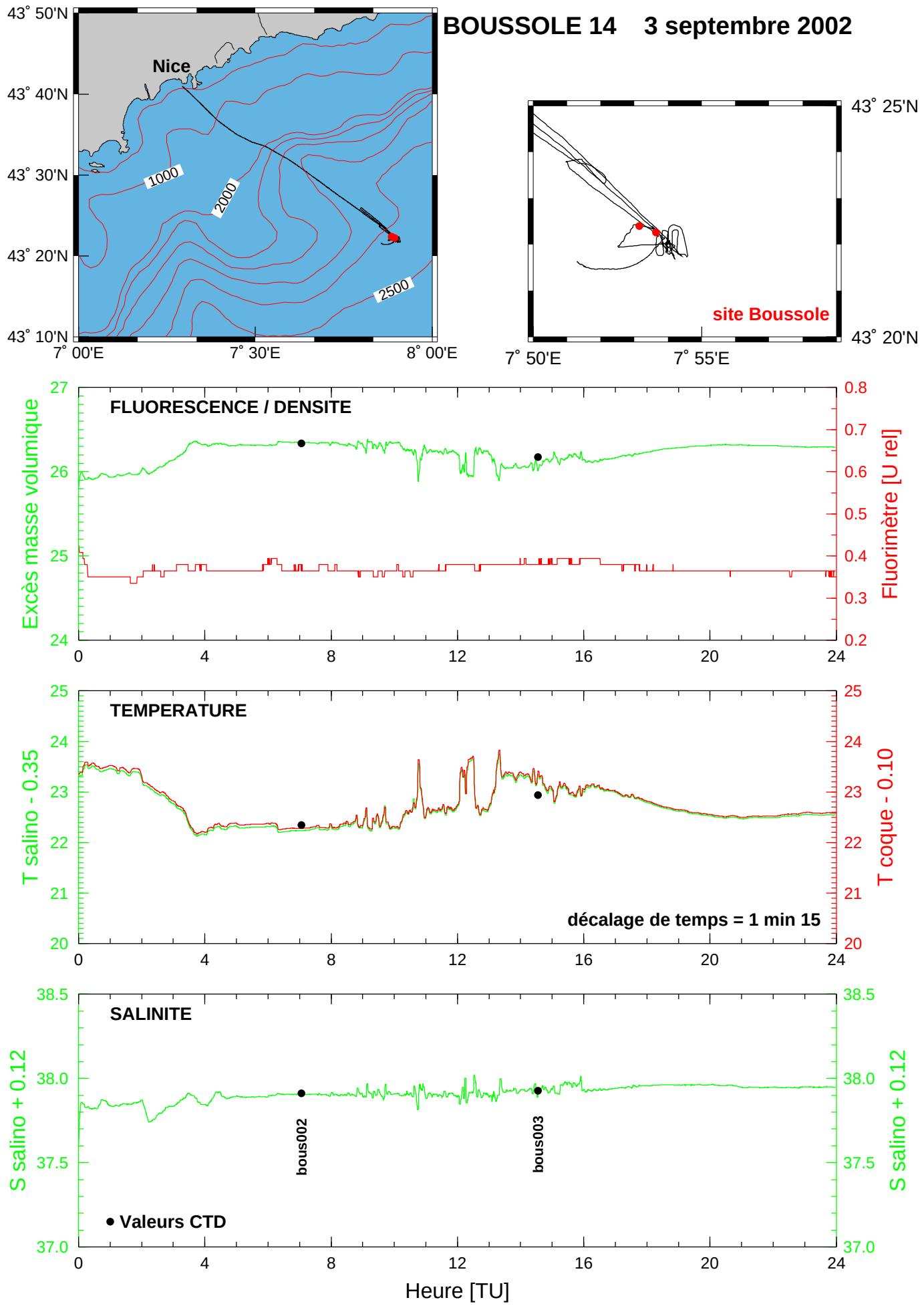




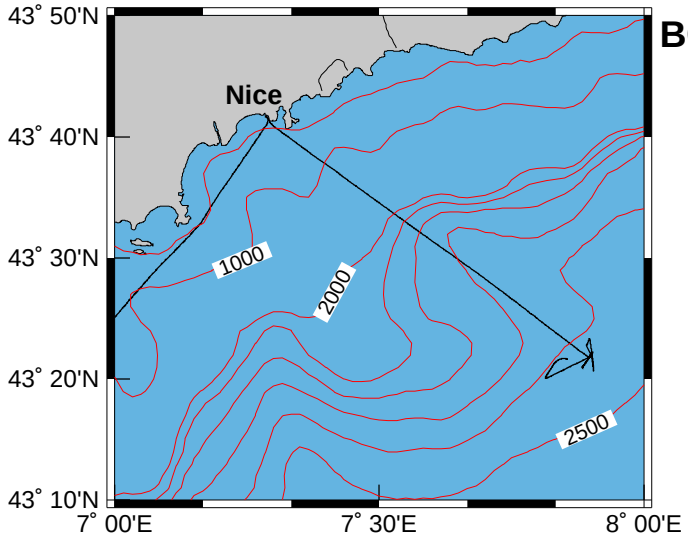


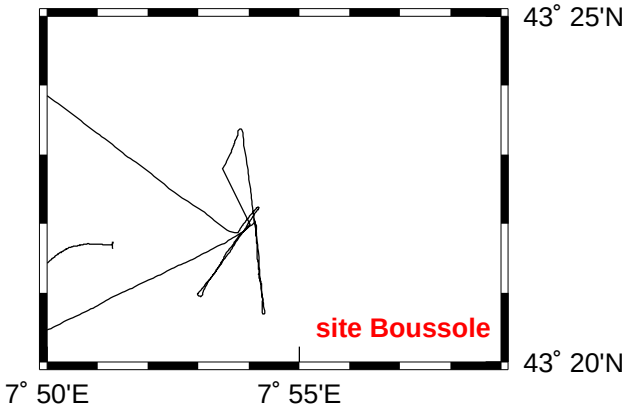


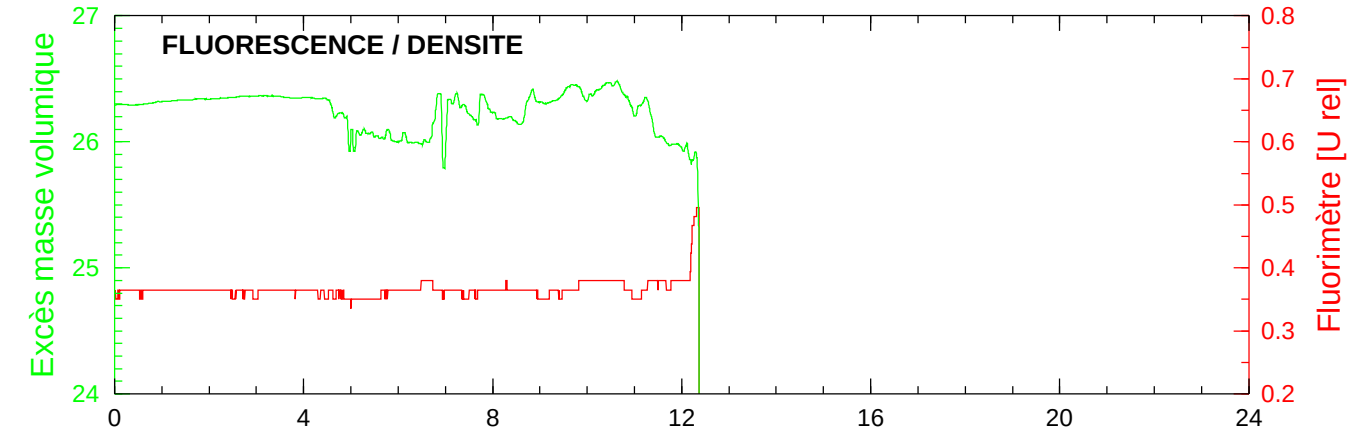


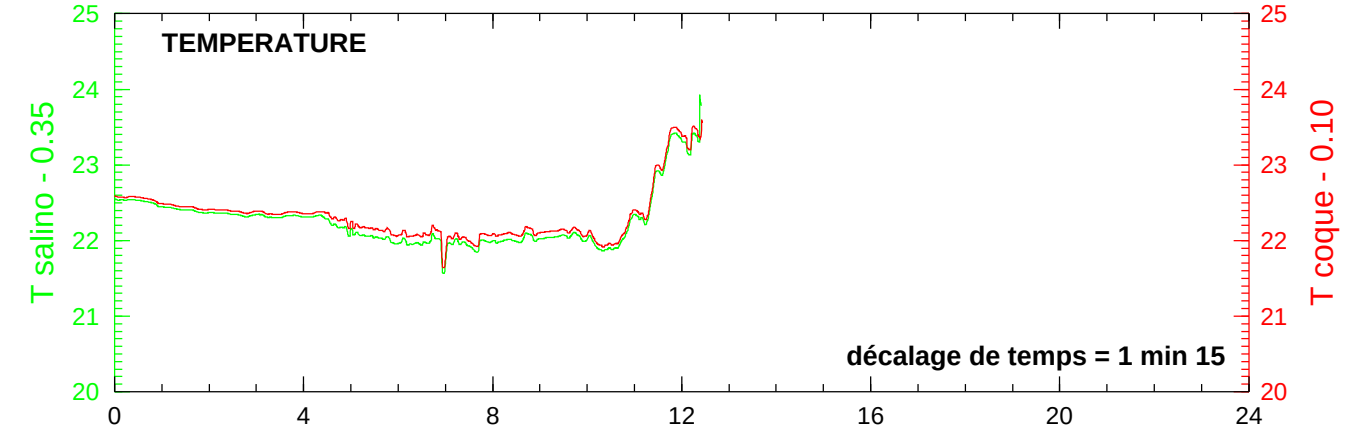

BOUSSOLE 14 3 septembre 2002
Nice
1000
2000
2500
site Boussole
FLUORESCENCE / DENSITE
Excès masse volumique
Fluorimètre [U rel]
TEMPERATURE
T salino - 0.35
T coque - 0.10
décalage de temps = 1 min 15
SALINITE
S salino + 0.12
bous002
bous003
Valeurs CTD
Heure [TU]

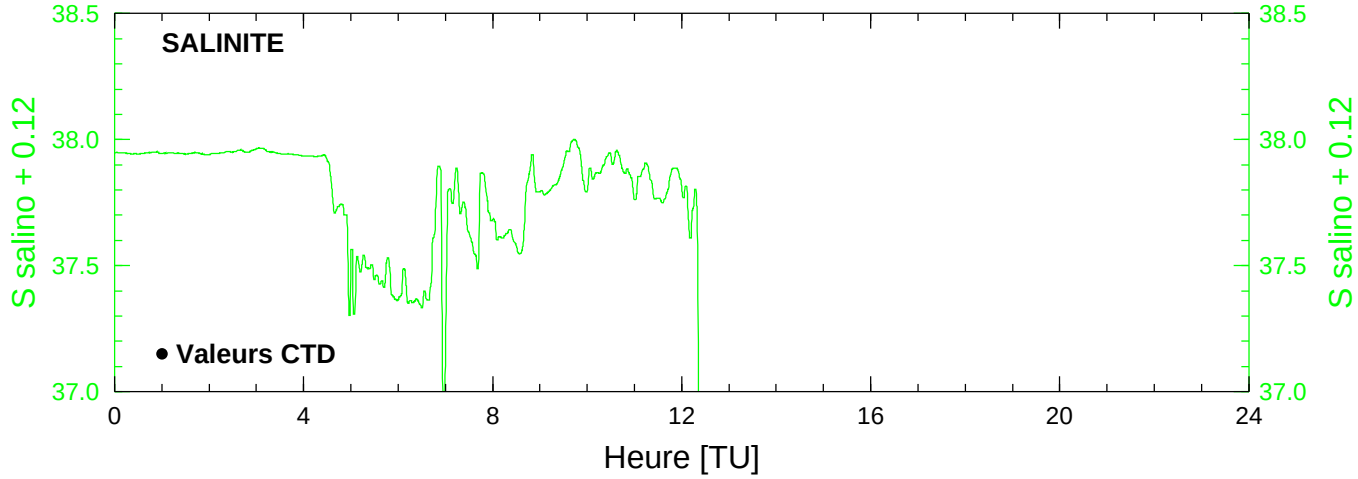
BOUSSOLE 14 4 septembre 2002

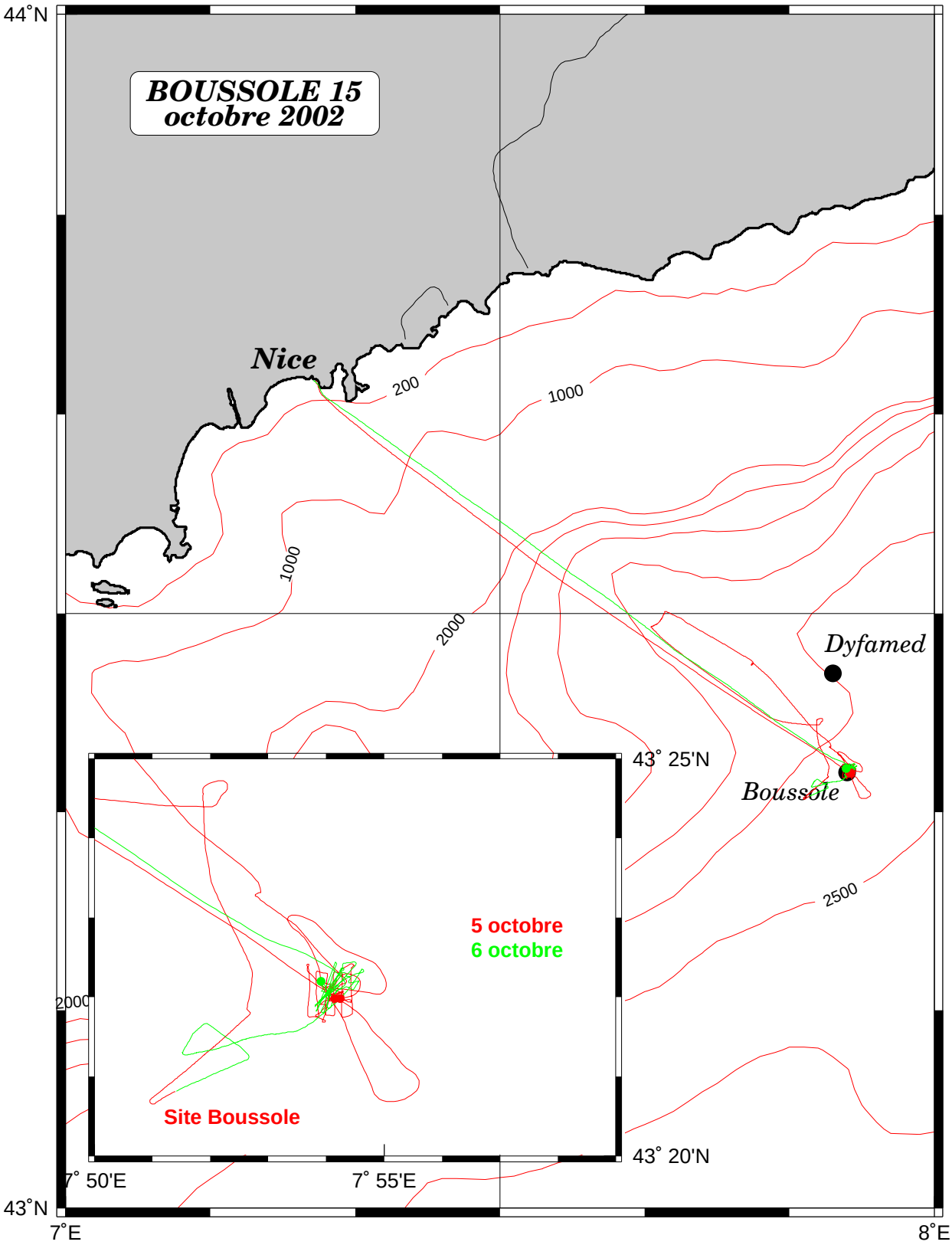












GMT 2004 Jan 13 12:27:23

Date: octobre 2002

ASCII file: C:\boussole\oct2002\ctd\raw\bous001.CON

Configuration report for SBE 911/917 plus CTD SN # 0329

```
Frequency channels suppressed : 2
Voltage words suppressed      : 0
Computer interface            : RS-232C
Scans to average              : 1
Surface PAR voltage added     : Yes
NMEA position data added      : No
Scan time added               : No
```

1) Frequency channel 0, Temperature

```
Serial number : 1539
Calibrated on : 28-Jan-02
G             : 4.83527865e-003
H             : 6.69065123e-004
I             : 2.40728033e-005
J             : 1.79180741e-006
F0            : 1000.000
Slope         : 1.00000000
Offset        : 0.0000
```

2) Frequency channel 1, Conductivity

```
Serial number : 1313
Calibrated on : 29-Jan-02
G             : -4.07357901e+000
H             : 4.87565570e-001
I             : -2.58588092e-004
J             : 3.91964511e-005
CTcor         : 3.2500e-006
CPcor         : -9.57000000e-008
Slope         : 1.00000000
Offset        : 0.00000
```

3) Frequency channel 2, Pressure, Digiquartz with TC

```
Serial number : 53981
Calibrated on : 11-Jan-1995
C1            : -4.499337e+004
C2            : 4.543683e-001
C3            : 1.505020e-002
D1            : 3.936600e-002
D2            : 0.000000e+000
T1            : 3.004660e+001
T2            : -1.897714e-004
T3            : 4.727060e-006
T4            : 1.923520e-009
T5            : 0.000000e+000
Slope         : 0.99985000
Offset        : 0.11430
AD590M        : 1.138000e-002
AD590B        : -8.189160e+000
```

4) Voltage channel 0, Oxygen Current, Beckman/YSI

```
Serial number : 13330

Calibrated on : 15-Mai-02
M             : 2.4612e-007
B             : -4.2578e-010
Soc           : 2.9952
Boc           : -0.0275
Tcor          : -0.0330
Pcor          : 1.50e-004
Tau           : 2.0
Wt            : 0.67
```

5) Voltage channel 1, Oxygen Temperature, Beckman/YSI

```
Serial number : 13330
Calibrated on : 15-Mai-02
K             : 8.9588
C             : -6.8989
```

6) Voltage channel 2, Fluorometer, Chelsea Aqua 3

```
Serial number : 88/2050/094
Calibrated on : 23-Mar-94
VB            : 0.300000
V1            : 2.009000
Vacetone      : 0.390000
Scale factor  : 1.000000
Slope         : 1.000000
Offset        : -0.020000
```

7) Voltage channel 3, Free

8) Voltage channel 4, Free

9) Voltage channel 5, Free

10) Voltage channel 6, Altimeter

```
Serial number : 464
Calibrated on : 10-Nov-95
Scale factor  : 5.000
Offset        : 0.000
```

11) Voltage channel 7, Free

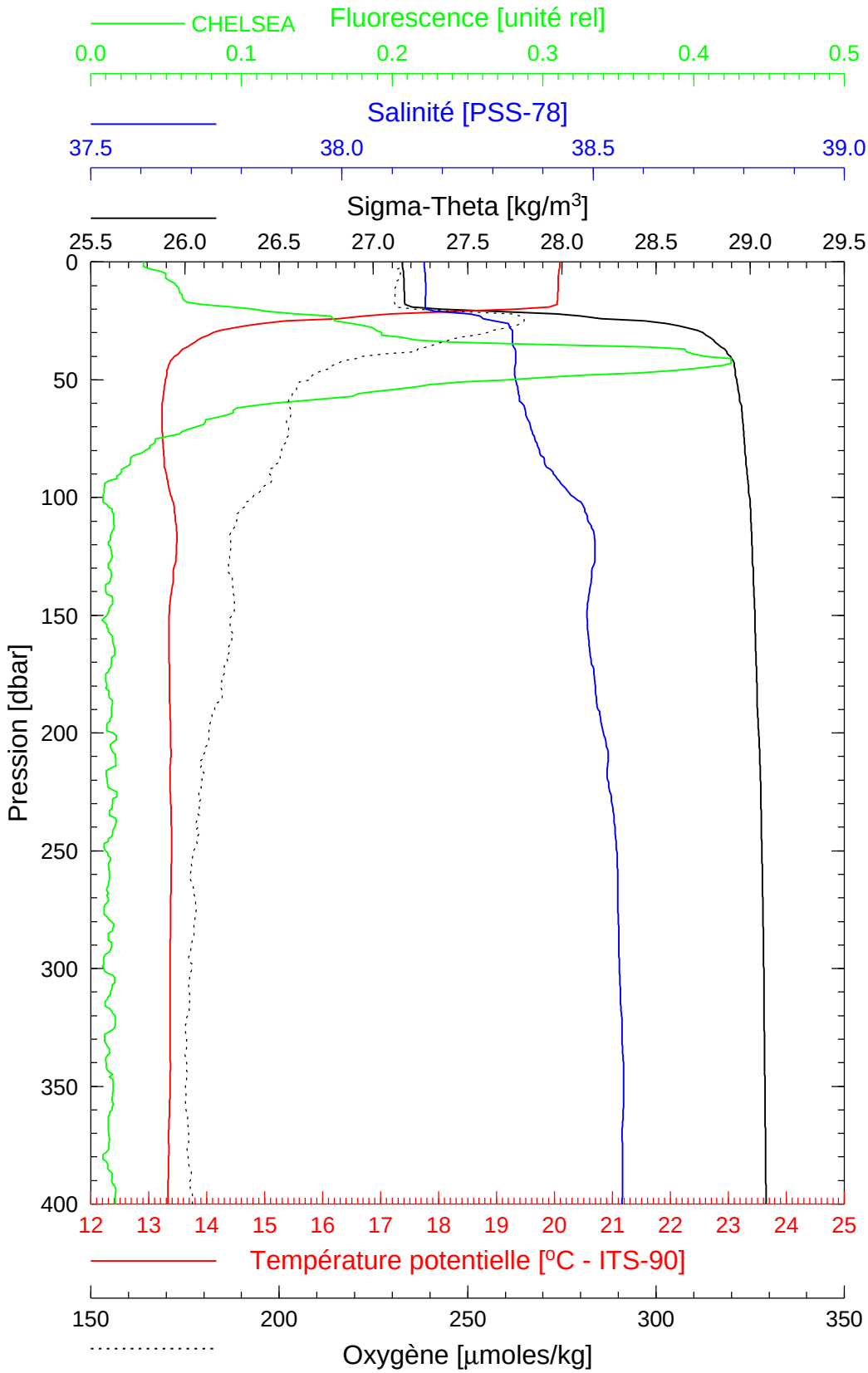
12) SPAR voltage, Unavailable

13) SPAR voltage, SPAR/Surface Irradiance

```
Serial number     : 6326
Calibrated on     : 24-Fev-95
Conversion factor : 723.25000000
Ratio multiplier  : 1.00000000
```

Boussole 15 **05/10/2002** **BOUS021005_01**

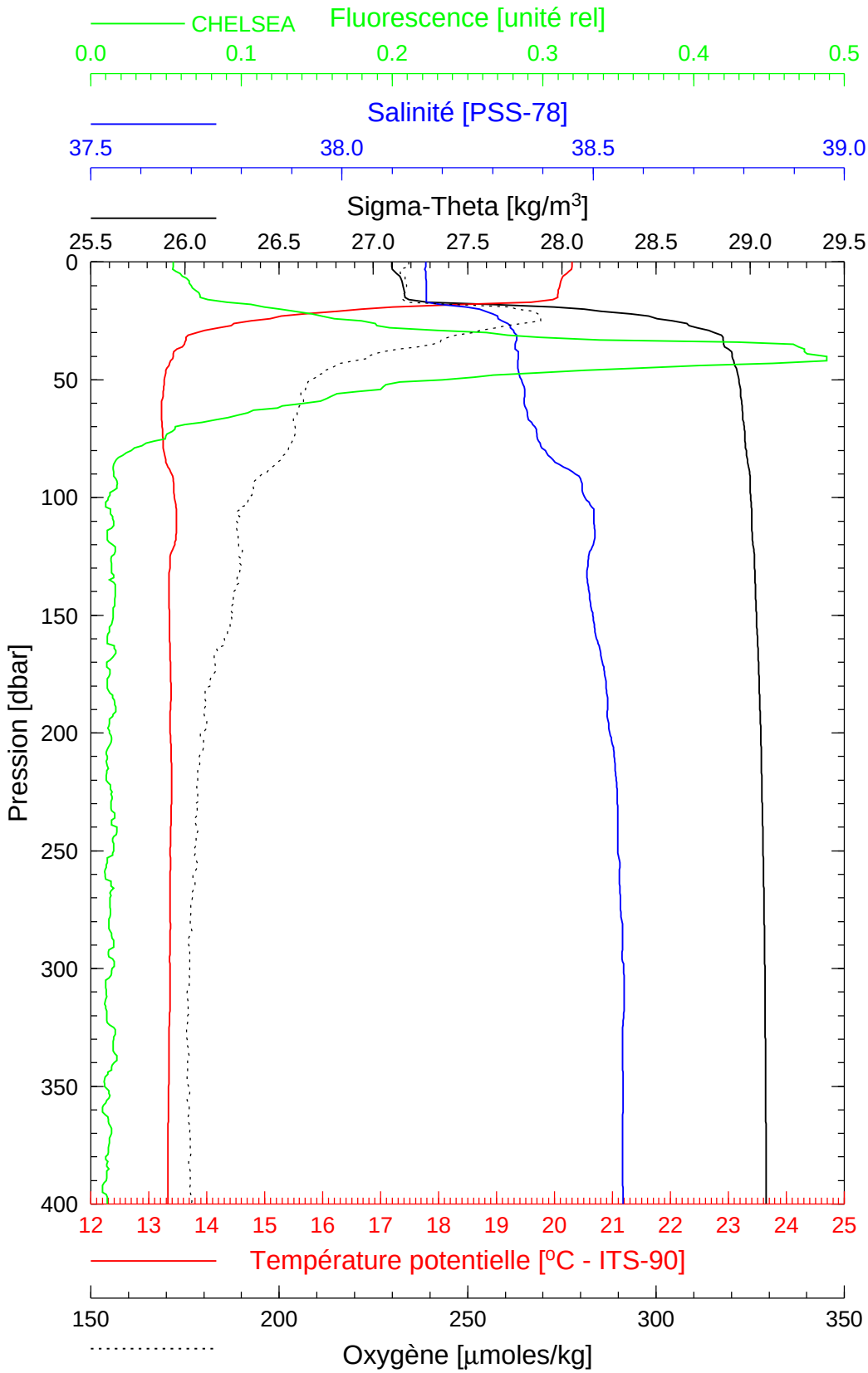
bous001



Date	*05/10/2002*	*Latitude*	*43º21.986 N*
Heure déb	*08h 44min [TU]*	*Longitude*	*07º54.243 E*

Boussole 15 **05/10/2002** **BOUS021005_02**

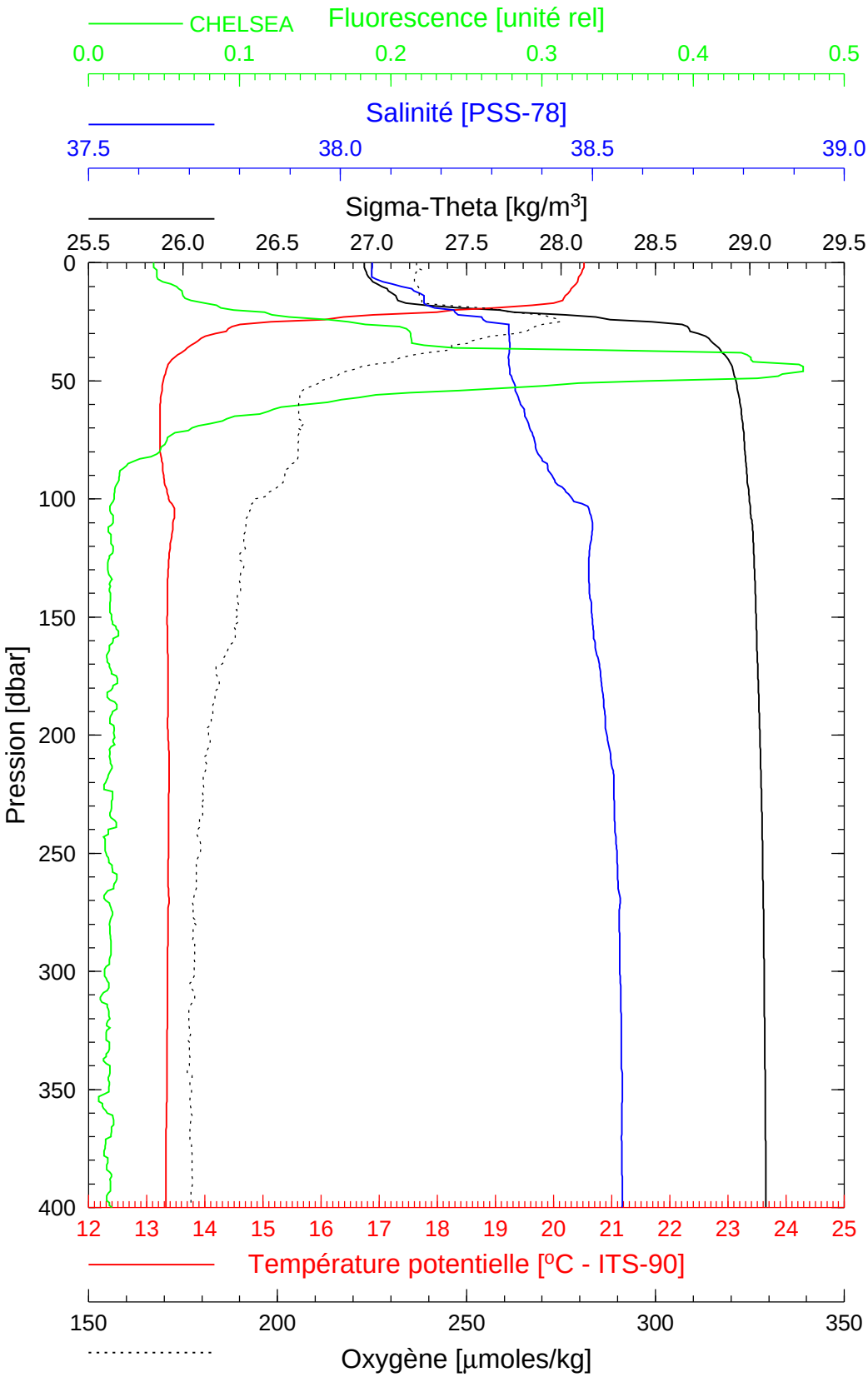
bous002



Date	*05/10/2002*	*Latitude*	*43º21.985 N*
Heure déb	*12h 35min [TU]*	*Longitude*	*07º54.147 E*

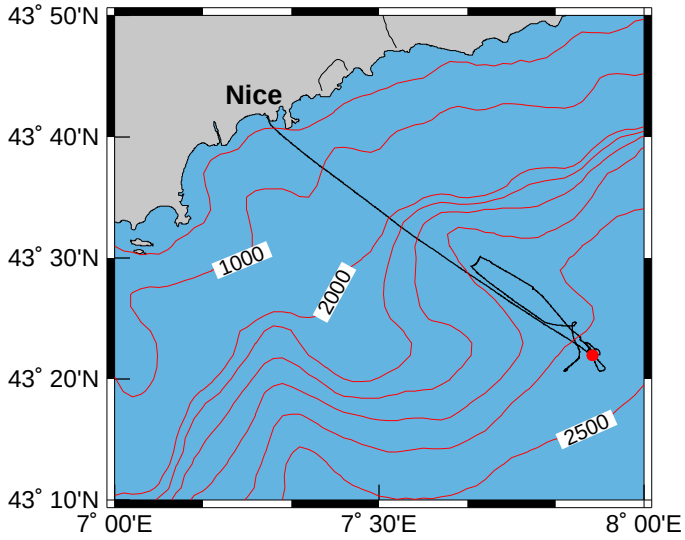
Boussole 15 **06/10/2002** **BOUS021006_01**

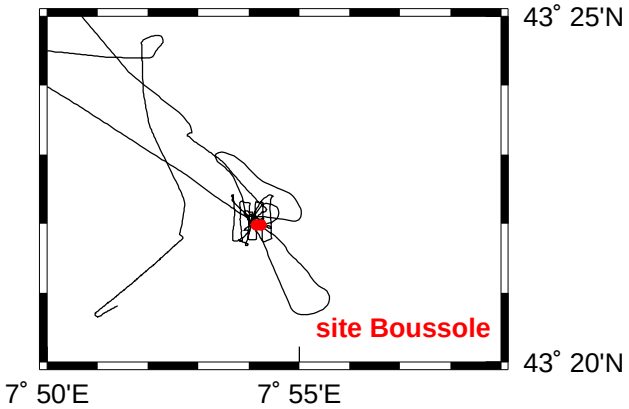
bous003

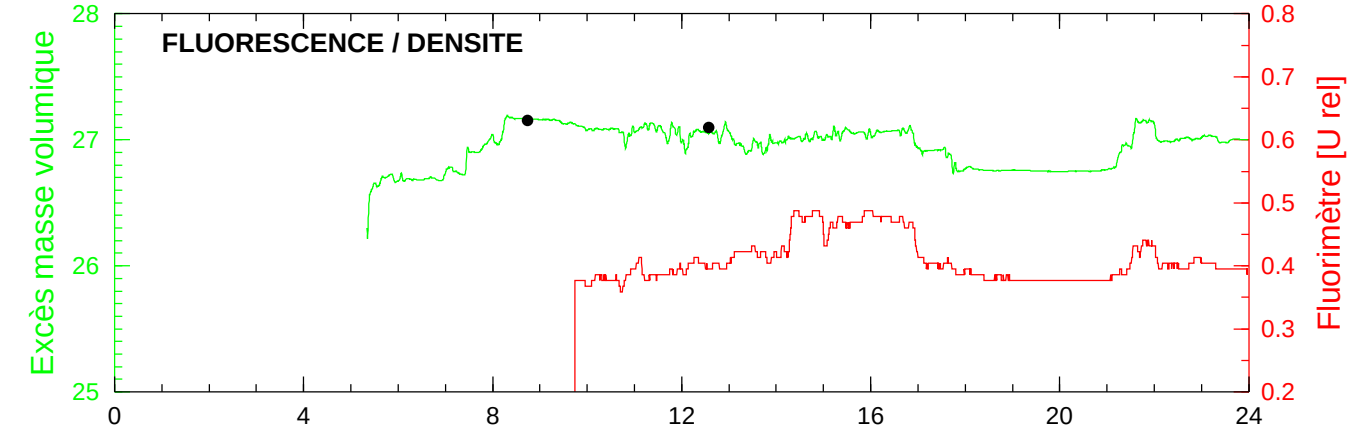


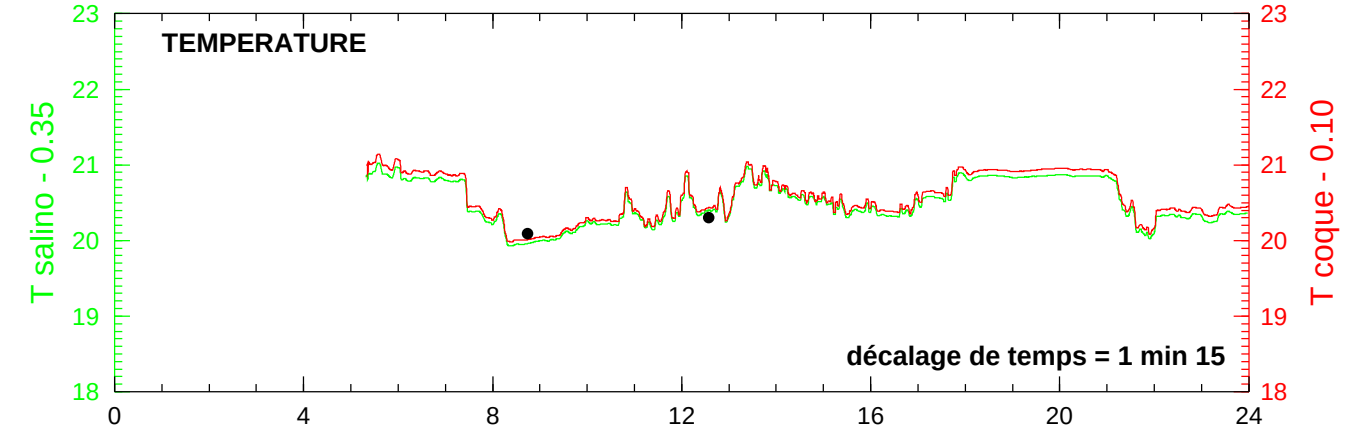
Date	*06/10/2002*	*Latitude*	*43º22.198 N*
Heure déb	*13h 27min [TU]*	*Longitude*	*07º53.915 E*

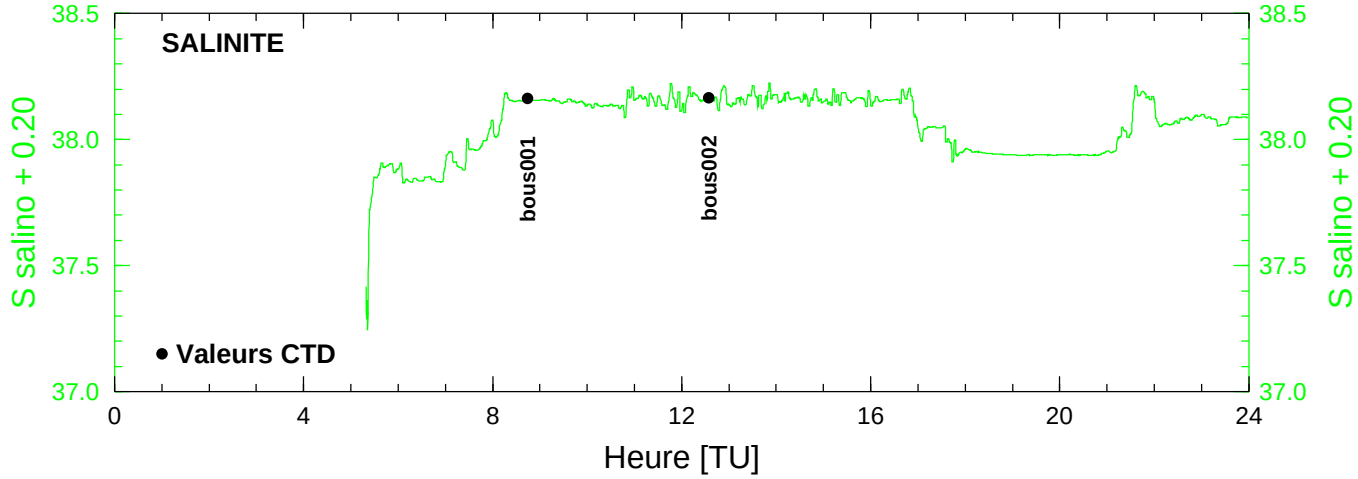
BOUSSOLE 15 5 octobre 2002



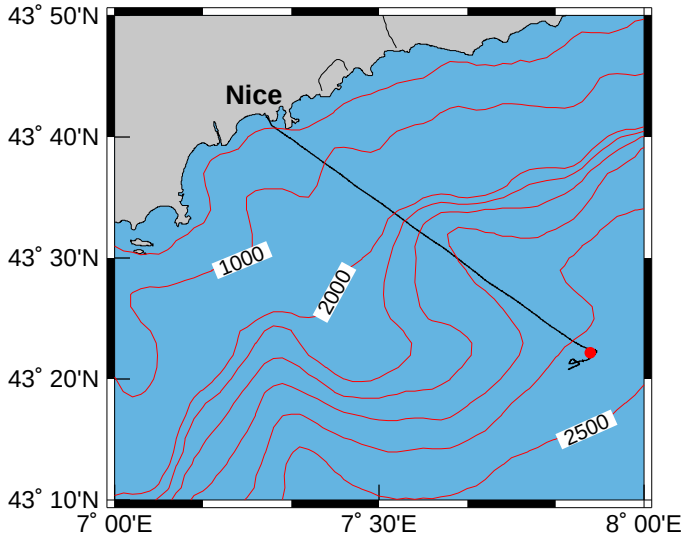


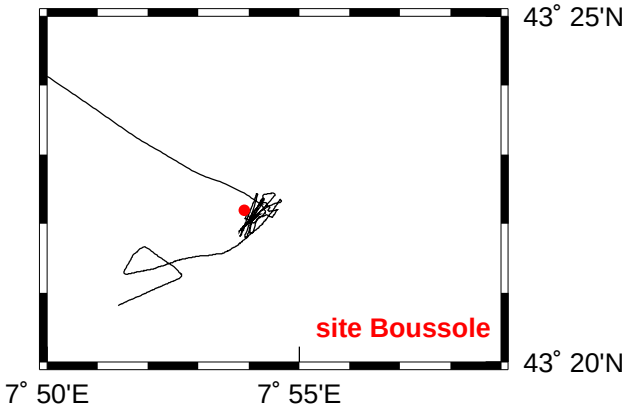


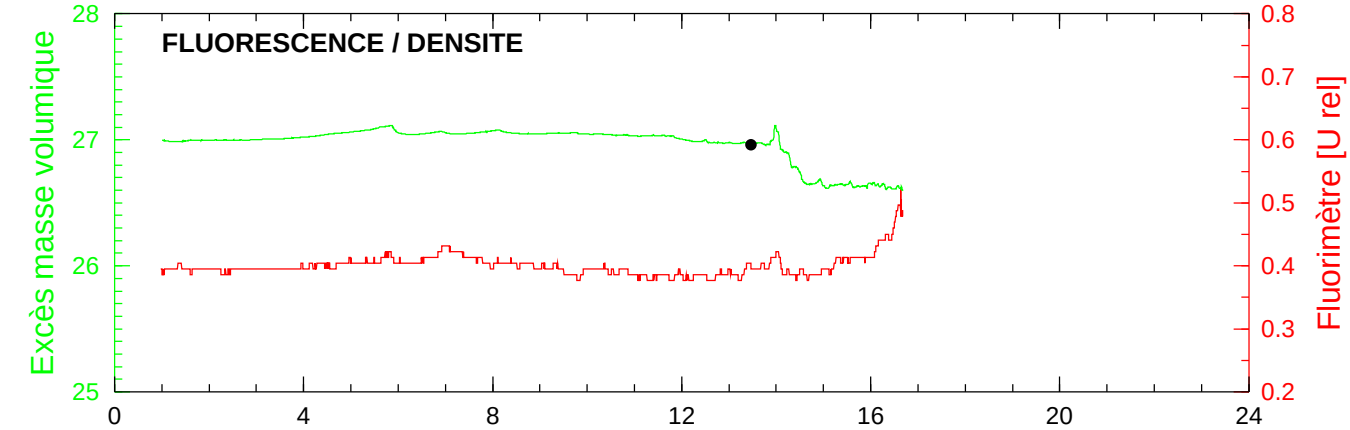


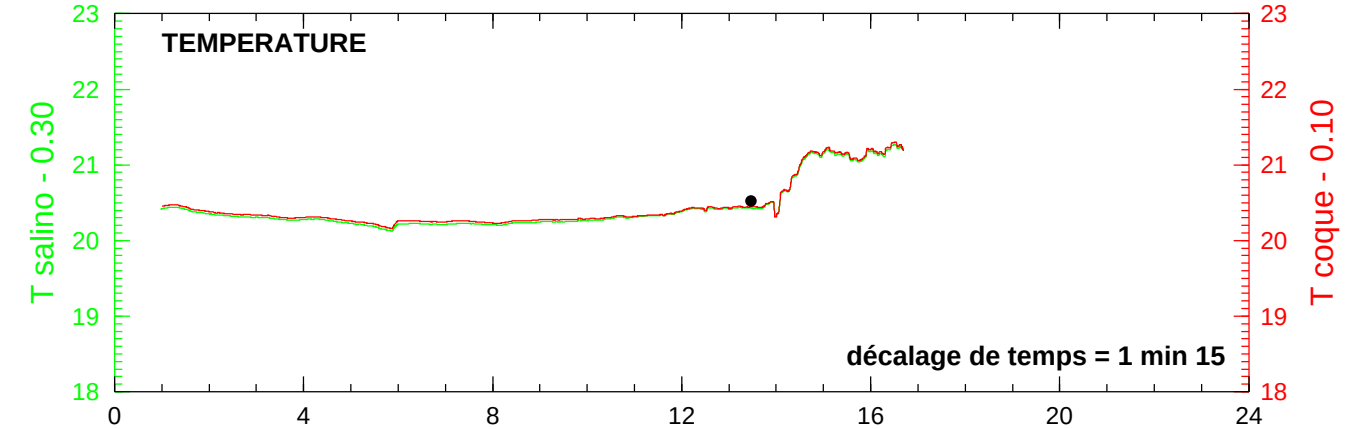


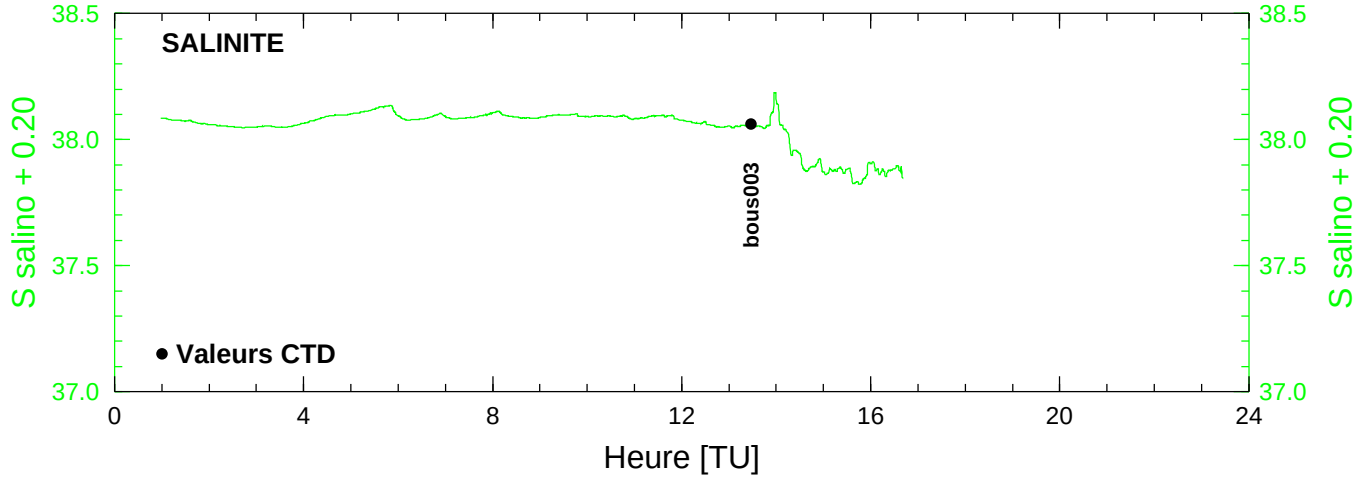
BOUSSOLE 15 6 octobre 2002

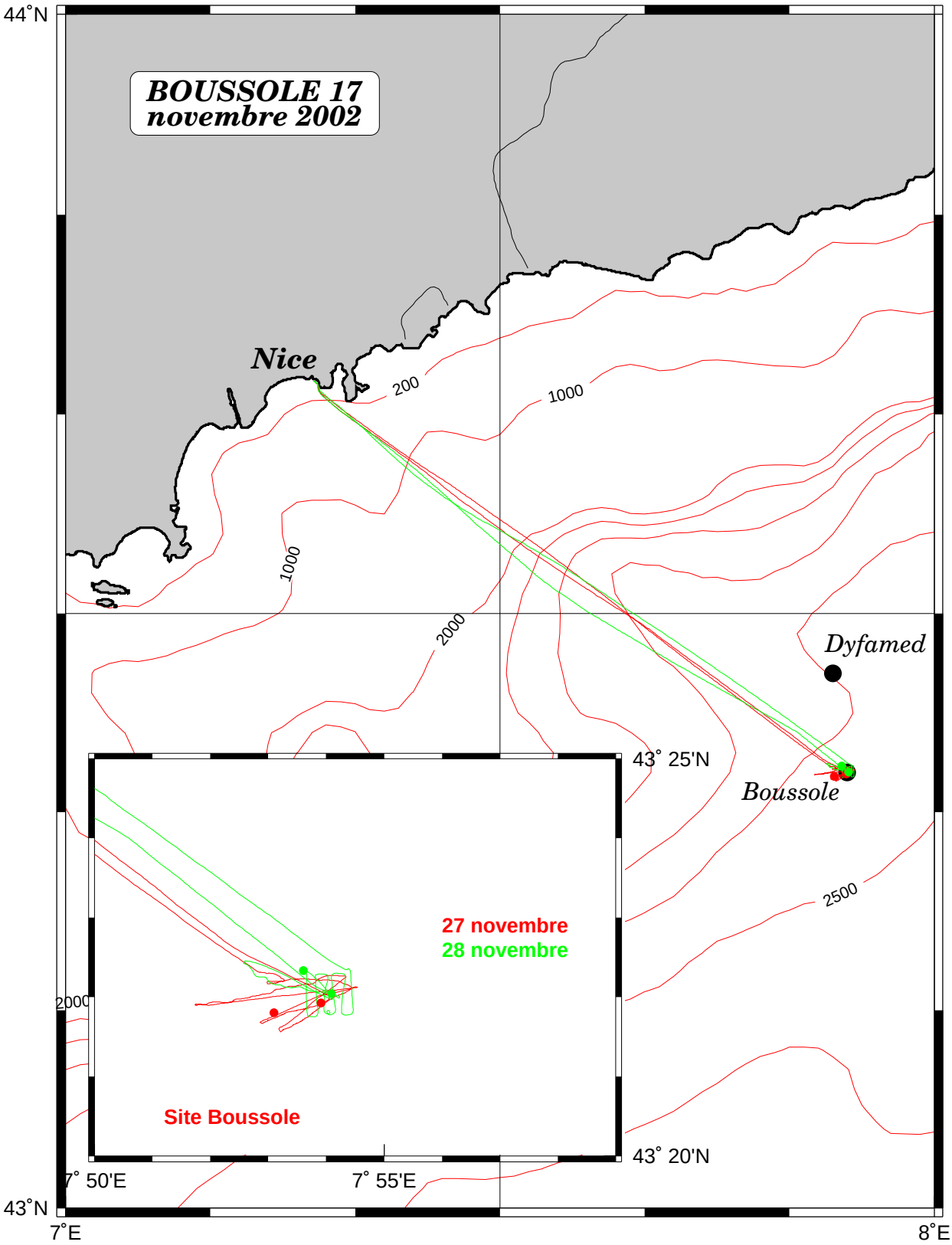












GMT 2004 Jan 15 11:26:05

Date: novembre 2002

ASCII file: C:\boussole\nov2002\ctd\raw\bous001.CON

Configuration report for SBE 911/917 plus CTD SN # 0329

```
Frequency channels suppressed : 2
Voltage words suppressed      : 0
Computer interface            : RS-232C
Scans to average              : 1
Surface PAR voltage added     : Yes
NMEA position data added      : No
Scan time added               : No
```

1) Frequency channel 0, Temperature

```
Serial number : 1539
Calibrated on : 28-Jan-02
G             : 4.83527865e-003
H             : 6.69065123e-004
I             : 2.40728033e-005
J             : 1.79180741e-006
F0            : 1000.000
Slope         : 1.00000000
Offset        : 0.0000
```

2) Frequency channel 1, Conductivity

```
Serial number : 1313
Calibrated on : 29-Jan-02
G             : -4.07357901e+000
H             : 4.87565570e-001
I             : -2.58588092e-004
J             : 3.91964511e-005
CTcor         : 3.2500e-006
CPcor         : -9.57000000e-008
Slope         : 1.00000000
Offset        : 0.00000
```

3) Frequency channel 2, Pressure, Digiquartz with TC

```
Serial number : 53981
Calibrated on : 11-Jan-1995
C1            : -4.499337e+004
C2            : 4.543683e-001
C3            : 1.505020e-002
D1            : 3.936600e-002
D2            : 0.000000e+000
T1            : 3.004660e+001
T2            : -1.897714e-004
T3            : 4.727060e-006
T4            : 1.923520e-009
T5            : 0.000000e+000
Slope         : 0.99985000
Offset        : 0.11430
AD590M        : 1.138000e-002
AD590B        : -8.189160e+000
```

4) Voltage channel 0, Oxygen Current, Beckman/YSI

```
Serial number : 13330
Calibrated on : 15-Mai-02
M             : 2.4612e-007
B             : -4.2578e-010
Soc           : 2.9952
Boc           : -0.0275
Tcor          : -0.0330
Pcor          : 1.50e-004
Tau           : 2.0
Wt            : 0.67
```

5) Voltage channel 1, Oxygen Temperature, Beckman/YSI

```
Serial number : 13330
Calibrated on : 15-Mai-02
K             : 8.9588
C             : -6.8989
```

6) Voltage channel 2, Fluorometer, Chelsea Aqua 3

```
Serial number : 88/2050/094
Calibrated on : 23-Mar-94
VB            : 0.300000
V1            : 2.009000
Vacetone      : 0.390000
Scale factor  : 1.000000
Slope         : 1.000000
Offset        : -0.020000
```

7) Voltage channel 3, Free

8) Voltage channel 4, Fluorometer, Wetlab CDOM

```
Serial number : WSCD-877P
Calibrated on : 09-sep-02
Vblank        : 0.065
Scale factor  : 33.840
```

9) Voltage channel 5, Free

10) Voltage channel 6, Altimeter

```
Serial number : 464
Calibrated on : 10-Nov-95
Scale factor  : 5.000
Offset        : 0.000
```

11) Voltage channel 7, Free

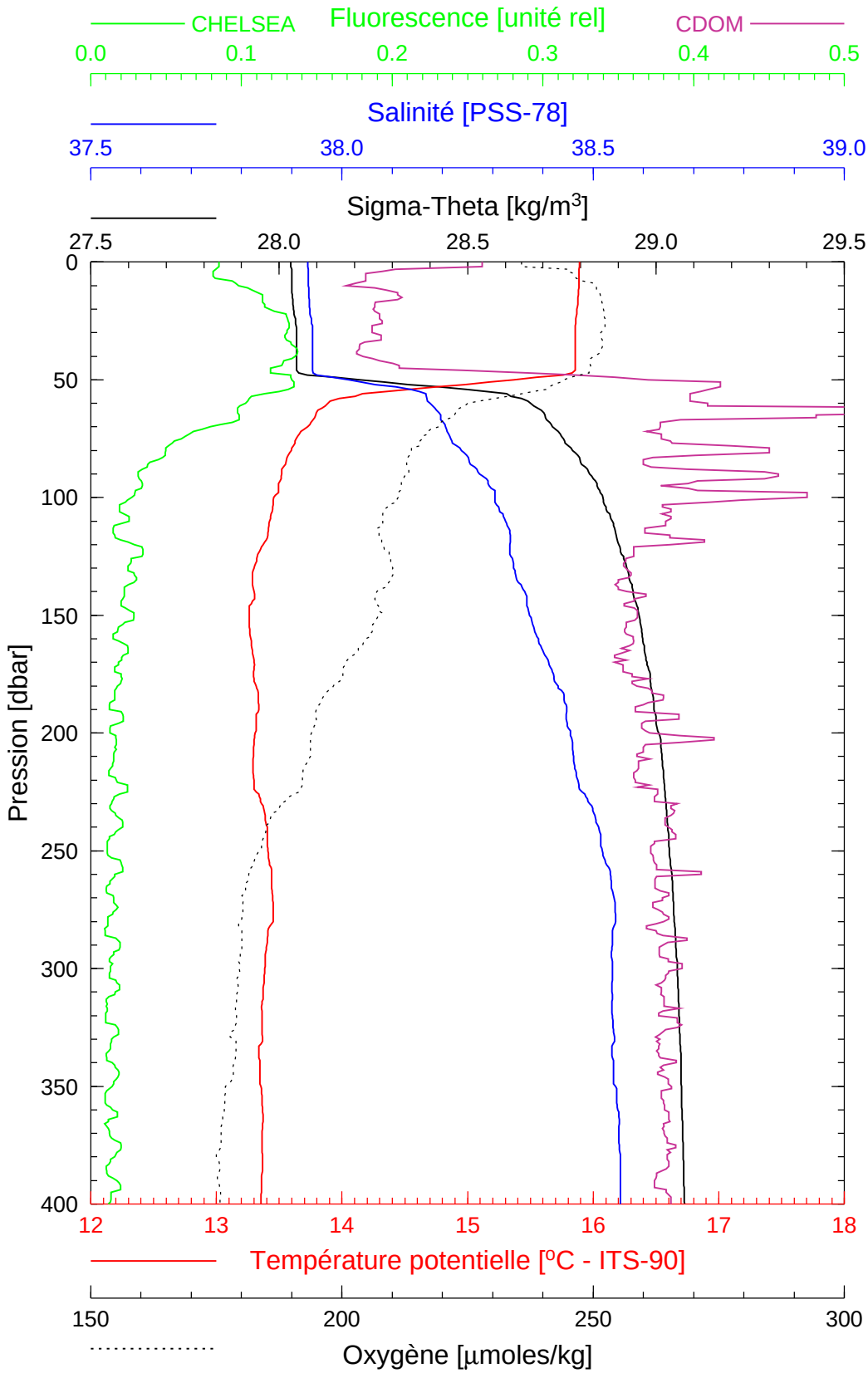
12) SPAR voltage, Unavailable

13) SPAR voltage, SPAR/Surface Irradiance

```
Serial number     : 6326
Calibrated on     : 24-Fev-95
Conversion factor : 753.25000000
Ratio multiplier  : 1.00000000
```

Boussole 17 **27/11/2002** **BOUS021127_01**

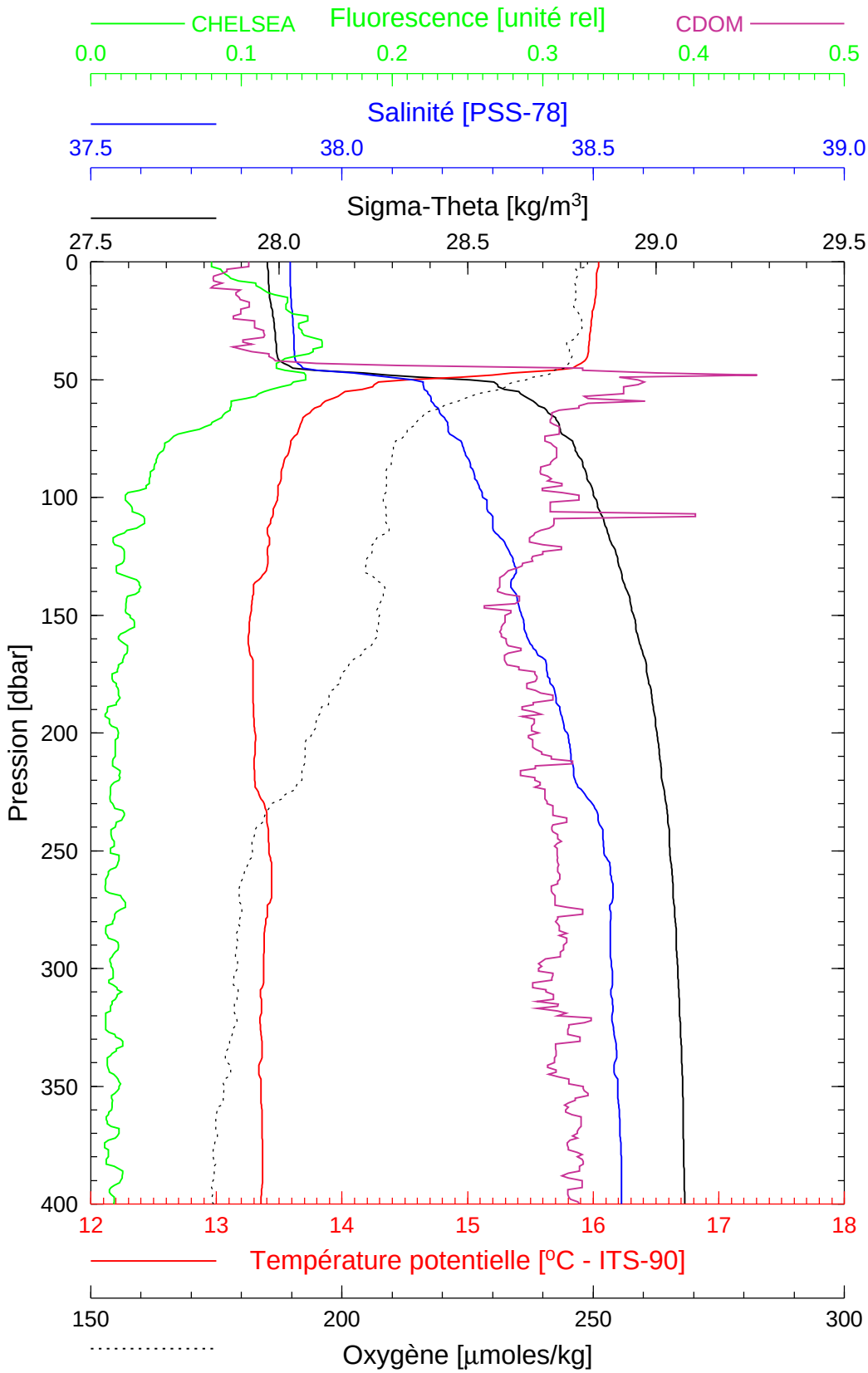
bous001



Date	*27/11/2002*	*Latitude*	*43º21.802 N*
Heure déb	*10h 16min [TU]*	*Longitude*	*07º53.768 E*

Boussole 17 **27/11/2002** **BOUS021127_02**

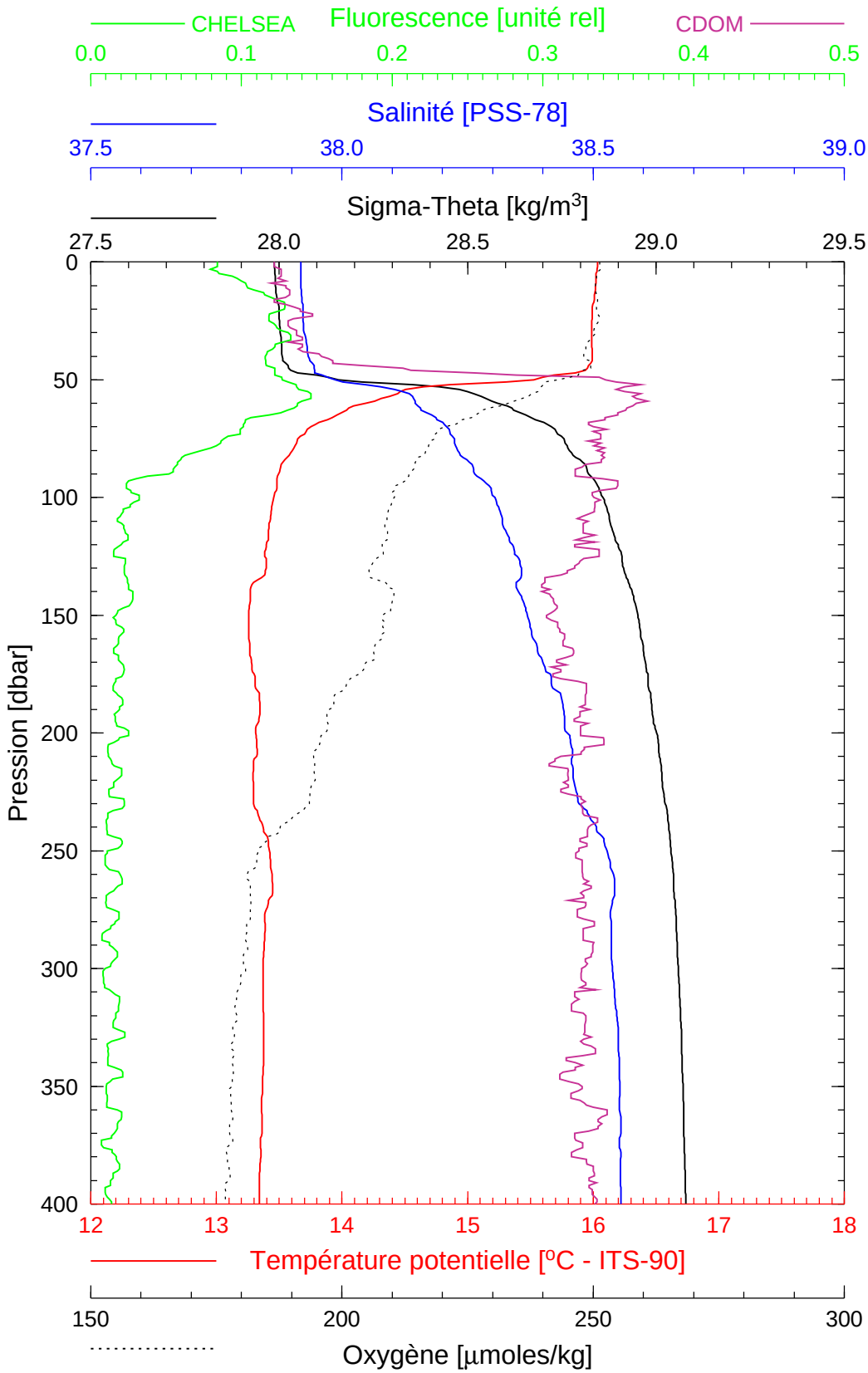
bous002



Date	*27/11/2002*	*Latitude*	*43º21.925 N*
Heure déb	*13h 01min [TU]*	*Longitude*	*07º53.909 E*

Boussole 17 **28/11/2002** **BOUS021128_01**

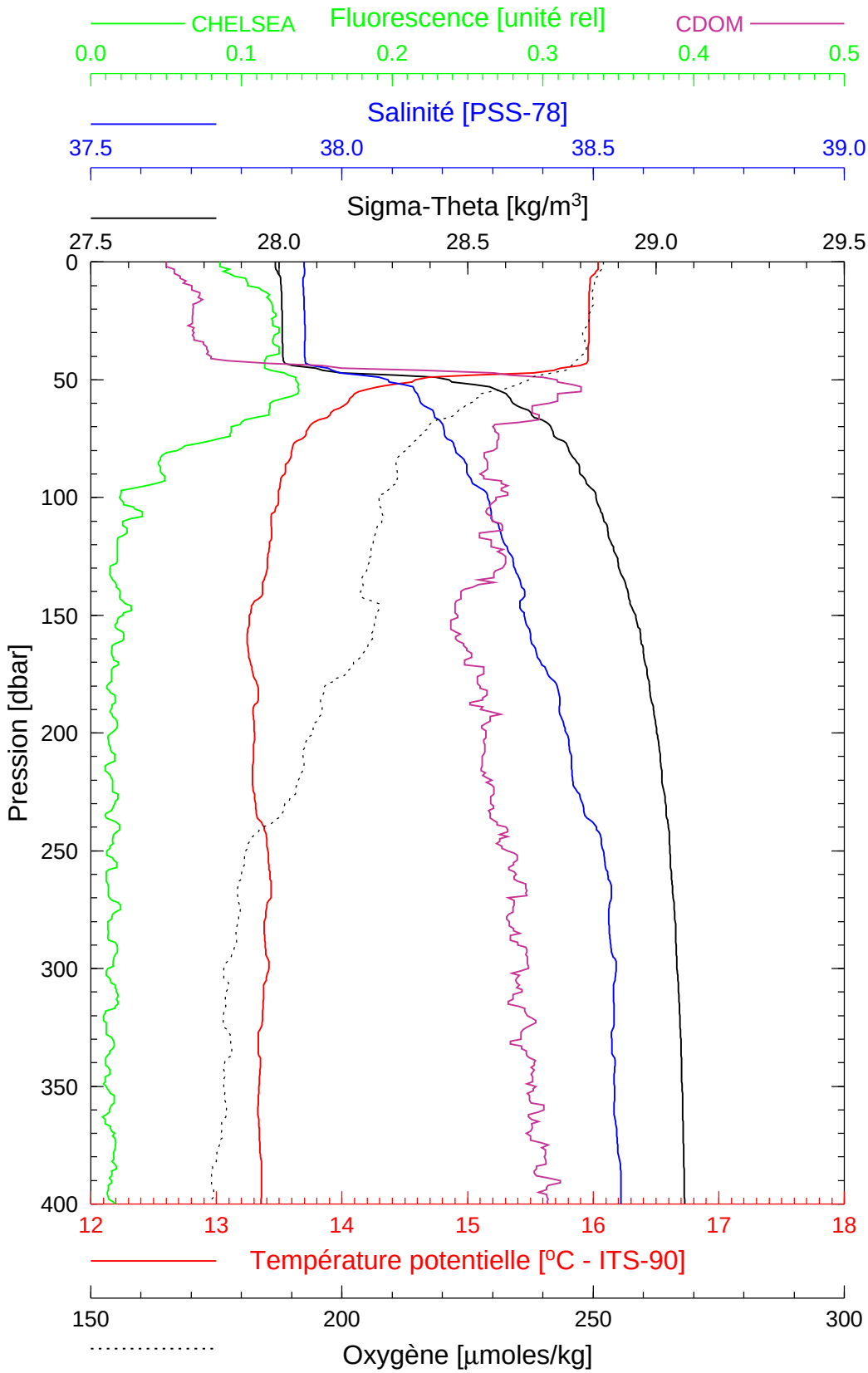
bous003



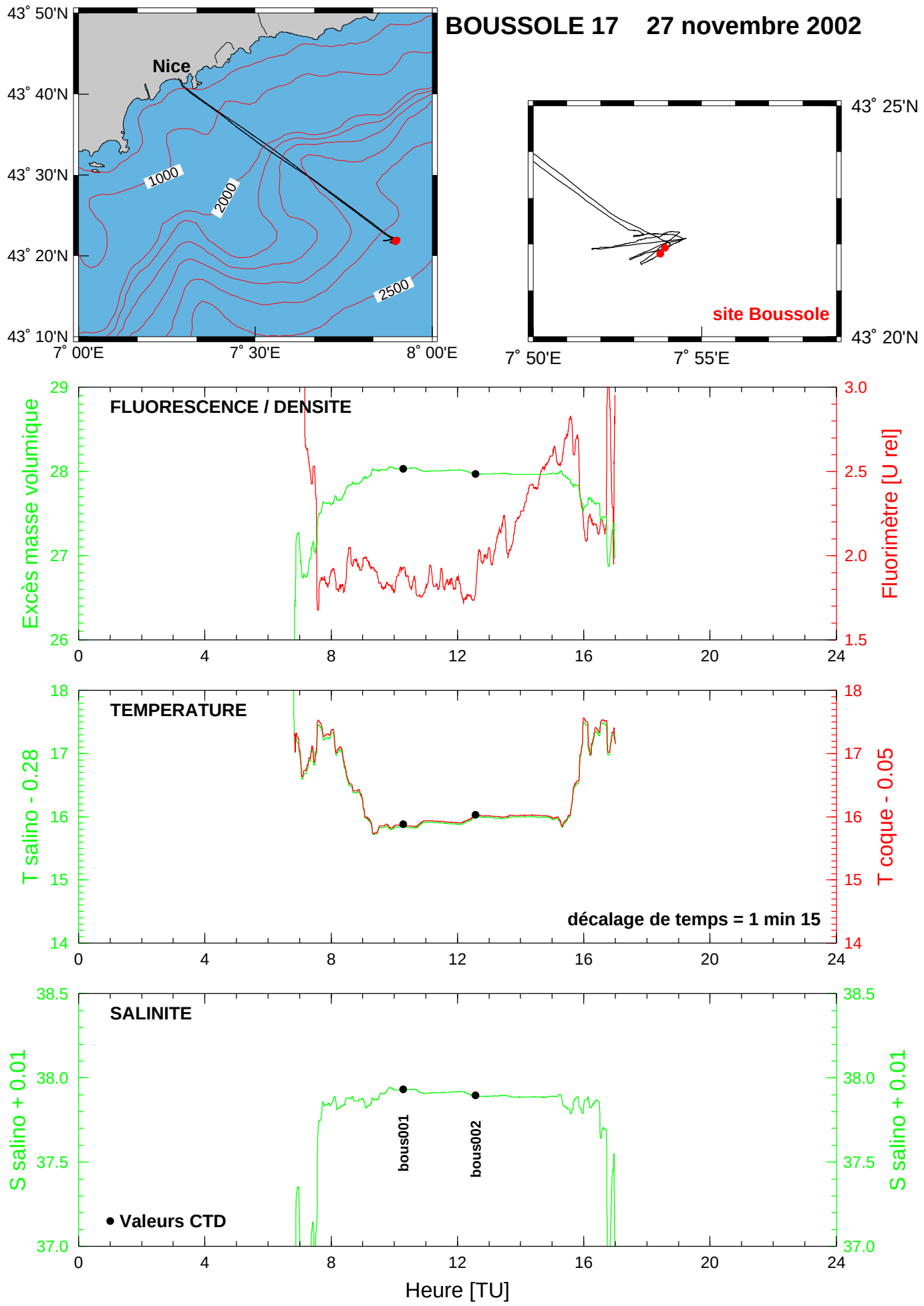
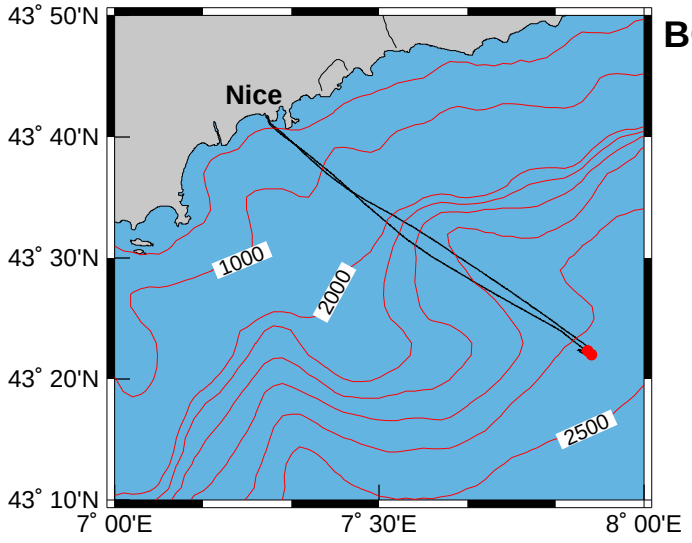
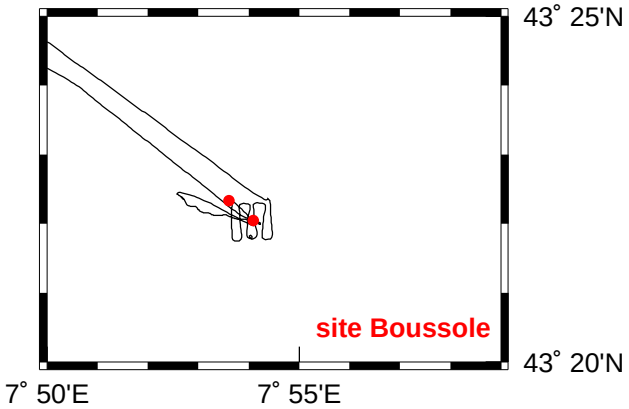
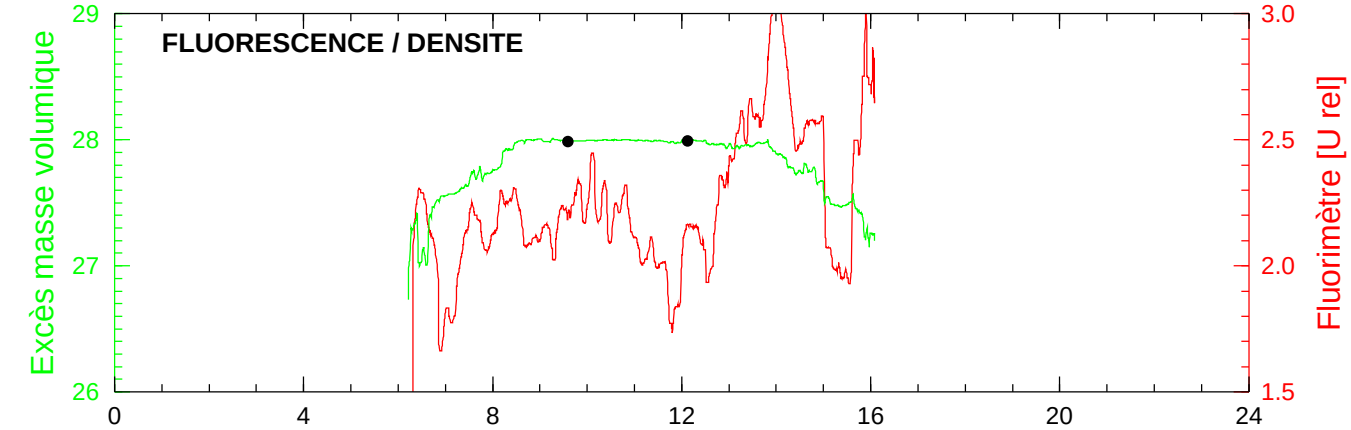
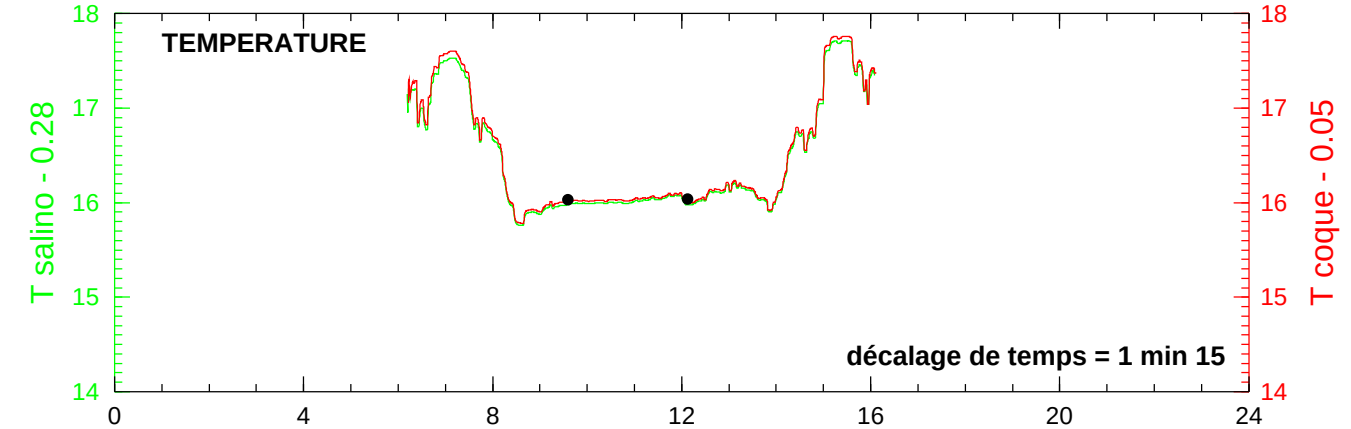
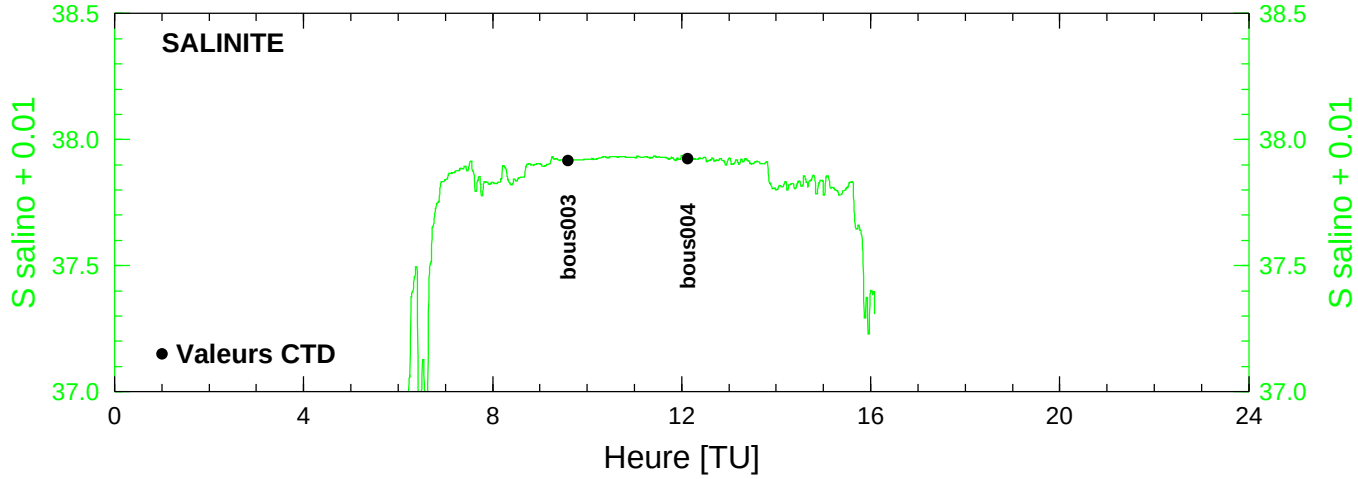
Date	*28/11/2002*	*Latitude*	*43º22.044 N*
Heure déb	*09h 35min [TU]*	*Longitude*	*07º54.093 E*

Boussole 17 **28/11/2002** **BOUS021128_02**

bous004



Date	*28/11/2002*	*Latitude*	*43º22.335 N*
Heure déb	*12h 07min [TU]*	*Longitude*	*07º53.603 E*


BOUSSOLE 17 27 novembre 2002
Nice
1000
2000
2500
43° 50'N
43° 40'N
43° 30'N
43° 20'N
43° 10'N
7° 00'E
7° 30'E
8° 00'E
site Boussole
43° 25'N
43° 20'N
7° 50'E
7° 55'E
FLUORESCENCE / DENSITE
Excès masse volumique
Fluorimètre [U rel]
TEMPERATURE
T salino - 0.28
T coque - 0.05
décalage de temps = 1 min 15
SALINITE
S salino + 0.01
bous001
bous002
Valeurs CTD
Heure [TU]

BOUSSOLE 17 28 novembre 2002