



Warning Objective Analysis

October 2013

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Coriolis

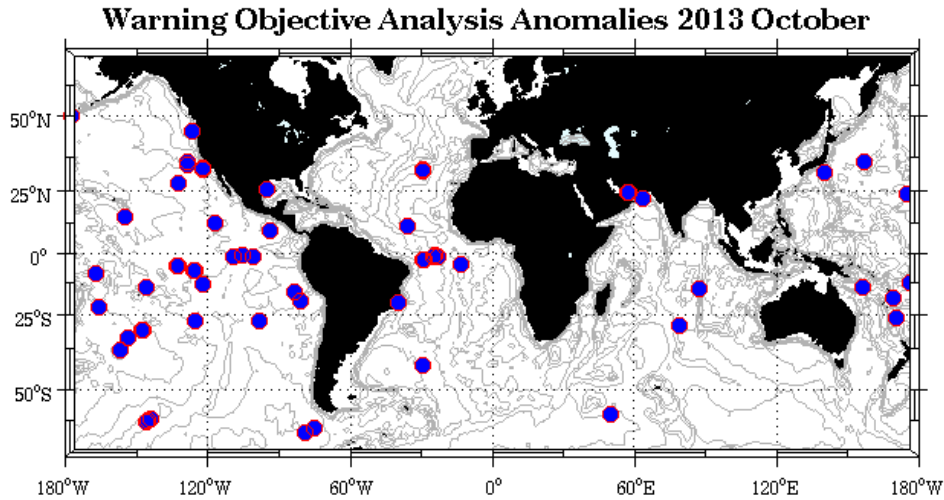
Anomalies by DAC

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1. DAC AOML

Profiles detected by the objective analysis: 75

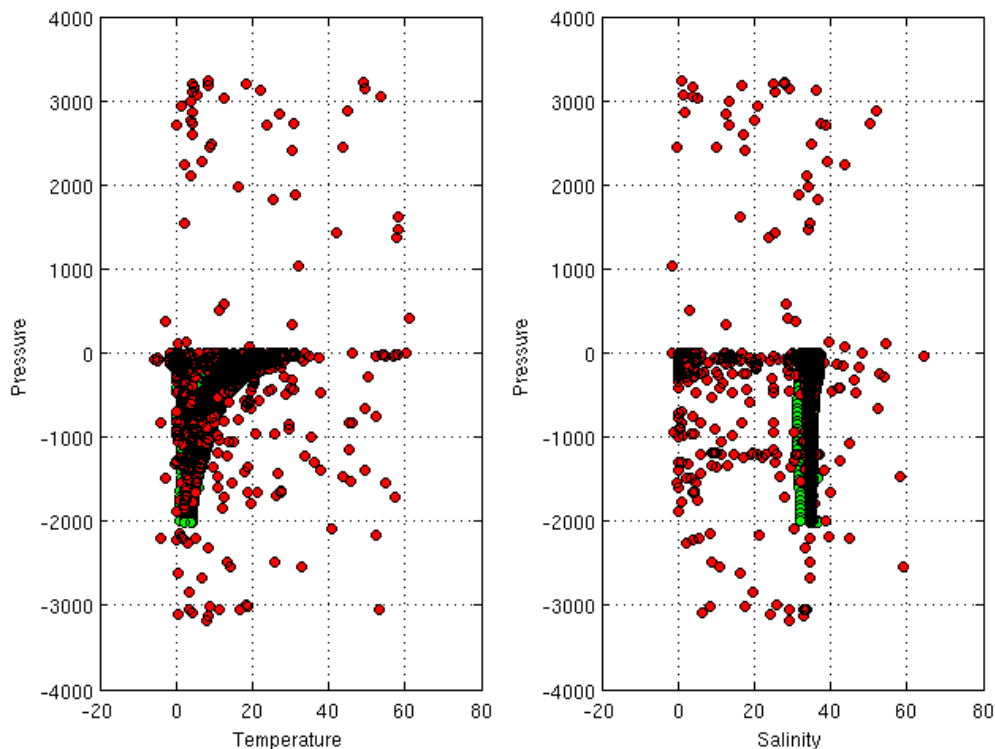


Status of corrections: Done except for few profiles –

- Float : 1901369 - Cycle : 163 - PI : STEPHEN RISER - Data mode : D - INST REF : APEX_SBE_4285 - Date : 2013 10 21
- Float : 1901481 - Cycle : 102 - PI : BRECK OWENS - Data mode : R - INST REF : SOLO_SBE_1004 - Date : 2013 7 10
- Float : 1901566 - Cycle : 62 - PI : BRECK OWENS - Data mode : R - INST REF : SOLO_SBE_1096 - Date : 2013 10 7
- Float : 1901668 - Cycle : 27 - PI : Breck Owens - Data mode : R - INST REF : SOLOIR_SBE_0948 - Date : 2013 10 4
- Float : 1901668 - Cycle : 28 - PI : Breck Owens - Data mode : R - INST REF : SOLOIR_SBE_0948 - Date : 2013 10 14
- Float : 1901668 - Cycle : 29 - PI : Breck Owens - Data mode : R - INST REF : SOLOIR_SBE_0948 - Date : 2013 10 24
- Float : 1901693 - Cycle : 5 - PI : Breck Owens, Steve Jayne, and P. - Data mode : R - INST REF : SOLO2IR_SBE_7160 - Date : 2013 10 3
- Float : 2901418 - Cycle : 110 - PI : CARL SZCZECOWSKI - Data mode : R - INST REF : APEX_SBE_5910 - Date : 2013 9 29
- Float : 2901418 - Cycle : 111 - PI : CARL SZCZECOWSKI - Data mode : R - INST REF : APEX_SBE_5910 - Date : 2013 10 3
- Float : 2901418 - Cycle : 112 - PI : CARL SZCZECOWSKI - Data mode : R - INST REF : APEX_SBE_5910 - Date : 2013 10 7
- Float : 2901418 - Cycle : 113 - PI : CARL SZCZECOWSKI - Data mode : R - INST REF : APEX_SBE_5910 - Date : 2013 10 11
- Float : 2901418 - Cycle : 114 - PI : CARL SZCZECOWSKI - Data mode : R - INST REF : APEX_SBE_5910 - Date : 2013 10 15
- Float : 2901418 - Cycle : 115 - PI : CARL SZCZECOWSKI - Data mode : R - INST REF : APEX_SBE_5910 - Date : 2013 10 19
- Float : 2901418 - Cycle : 116 - PI : CARL SZCZECOWSKI - Data mode : R - INST REF : APEX_SBE_5910 - Date : 2013 10 23
- Float : 2901418 - Cycle : 117 - PI : CARL SZCZECOWSKI - Data mode : R - INST REF : APEX_SBE_5910 - Date : 2013 10 27
- Float : 2901431 - Cycle : 141 - PI : CARL SZCZECOWSKI - Data mode : A - INST REF : APEX_SBE_5511 - Date : 2013 10 12
- Float : 2901450 - Cycle : 42 - PI : CARL SZCZECOWSKI - Data mode : A - INST REF : APEX_SBE_6492 - Date : 2013 10 9
- Float : 3900542 - Cycle : 268 - PI : GREGORY C. JOHNSON - Data mode : A - INST REF : APEX_SBE_2455 - Date : 2013 10 25
- Float : 3900711 - Cycle : 186 - PI : BRECK OWENS - Data mode : R - INST REF : SOLO_SBE_SL880 - Date : 2013 10 18
- Float : 3900715 - Cycle : 257 - PI : Robert A. Weller - Data mode : R - INST REF : SOLOIR_SBE_0856 - Date : 2013 9 30
- Float : 3900715 - Cycle : 258 - PI : Robert A. Weller - Data mode : R - INST REF : SOLOIR_SBE_0856 - Date : 2013 10 10
- Float : 3900780 - Cycle : 127 - PI : Gregory C. Johnson - Data mode : A - INST REF : APEXIR_SBE_4678 - Date : 2013 9 26
- Float : 3900844 - Cycle : 209 - PI : STEPHEN RISER - Data mode : A - INST REF : APEX_SBE_3102 - Date : 2013 10 3
- Float : 3900844 - Cycle : 211 - PI : STEPHEN RISER - Data mode : A - INST REF : APEX_SBE_3102 - Date : 2013 10 23
- Float : 3900845 - Cycle : 209 - PI : STEPHEN RISER - Data mode : A - INST REF : APEX_SBE_3100 - Date : 2013 10 3
- Float : 3900845 - Cycle : 211 - PI : STEPHEN RISER - Data mode : A - INST REF : APEX_SBE_3100 - Date : 2013 10 24
- Float : 3901036 - Cycle : 55 - PI : Breck Owens - Data mode : R - INST REF : SOLO2IR_SBE_7038 - Date : 2013 10 26
- Float : 3901149 - Cycle : 21 - PI : Gregory C. Johnson - Data mode : R - INST REF : NAVISIR_SBE_0192 - Date : 2013 10 19
- Float : 3901155 - Cycle : 9 - PI : Gregory C. Johnson - Data mode : R - INST REF : NAVISIR_SBE_0160 - Date : 2013 10 18
- Float : 4900853 - Cycle : 180 - PI : GREGORY C. JOHNSON - Data mode : R - INST REF : APEX_SBE_3966 - Date : 2013 9 29
- Float : 4900853 - Cycle : 182 - PI : GREGORY C. JOHNSON - Data mode : R - INST REF : APEX_SBE_3966 - Date : 2013 10 21
- Float : 4901060 - Cycle : 117 - PI : BRECK OWENS - Data mode : R - INST REF : SOLO_SBE_0985 - Date : 2013 10 11
- Float : 4901459 - Cycle : 12 - PI : Breck Owens - Data mode : R - INST REF : SOLOIR_SBE_0952 - Date : 2013 9 19
- Float : 4901459 - Cycle : 13 - PI : Breck Owens - Data mode : R - INST REF : SOLOIR_SBE_0952 - Date : 2013 9 29
- Float : 4901475 - Cycle : 7 - PI : Breck Owens, Steve Jayne, and P. - Data mode : R - INST REF : SOLO2IR_SBE_7150 - Date : 2013 10 1
- Float : 4901475 - Cycle : 8 - PI : Breck Owens, Steve Jayne, and P. - Data mode : R - INST REF : SOLO2IR_SBE_7150 - Date : 2013 10 11
- Float : 4901475 - Cycle : 9 - PI : Breck Owens, Steve Jayne, and P. - Data mode : R - INST REF : SOLO2IR_SBE_7150 - Date : 2013 10 21
- Float : 4901586 - Cycle : 4 - PI : Breck Owens, Steve Jayne, and P. - Data mode : R - INST REF : SOLO2IR_SBE_7174 - Date : 2013 9 24
- Float : 4901586 - Cycle : 6 - PI : Breck Owens, Steve Jayne, and P. - Data mode : R - INST REF : SOLO2IR_SBE_7174 - Date : 2013 10 14

Float : 4901586 - Cycle : 7 - PI : Breck Owens, Steve Jayne, and P. - Data mode : R - INST REF : SOLO2IR_SBE_7174 - Date : 2013 10 24
 Float : 5900414 - Cycle : 235 - PI : STEPHEN RISER - Data mode : A - INST REF : APEX_SBE_1387 - Date : 2013 10 6
 Float : 5900696 - Cycle : 309 - PI : STEPHEN RISER - Data mode : A - INST REF : APEX_SBE_1708 - Date : 2013 10 16
 Float : 5900696 - Cycle : 310 - PI : STEPHEN RISER - Data mode : A - INST REF : APEX_SBE_1708 - Date : 2013 10 26
 Float : 5900722 - Cycle : 300 - PI : GREGORY C. JOHNSON - Data mode : A - INST REF : APEX_SBE_1754 - Date : 2013 10 14
 Float : 5900886 - Cycle : 297 - PI : GREGORY C. JOHNSON - Data mode : A - INST REF : APEX_SBE_1880 - Date : 2013 10 10
 Float : 5900886 - Cycle : 298 - PI : GREGORY C. JOHNSON - Data mode : A - INST REF : APEX_SBE_1880 - Date : 2013 10 20
 Float : 5902078 - Cycle : 177 - PI : STEPHEN RISER - Data mode : A - INST REF : APEX_SBE_3944 - Date : 2013 9 27
 Float : 5902080 - Cycle : 178 - PI : STEPHEN RISER - Data mode : A - INST REF : APEX_SBE_3946 - Date : 2013 10 8
 Float : 5902216 - Cycle : 169 - PI : GREGORY C. JOHNSON - Data mode : R - INST REF : APEX_SBE_4017 - Date : 2013 9 29
 Float : 5903432 - Cycle : 74 - PI : STEPHEN RISER - Data mode : A - INST REF : APEX_SBE_5228 - Date : 2013 10 16
 Float : 5903436 - Cycle : 73 - PI : STEPHEN RISER - Data mode : A - INST REF : APEX_SBE_4936 - Date : 2013 9 28
 Float : 5903436 - Cycle : 75 - PI : STEPHEN RISER - Data mode : A - INST REF : APEX_SBE_4936 - Date : 2013 10 18
 Float : 5903448 - Cycle : 127 - PI : Gregory C. Johnson - Data mode : A - INST REF : APEXIR_SBE_4601 - Date : 2013 10 3
 Float : 5903583 - Cycle : 76 - PI : STEPHEN RISER - Data mode : A - INST REF : APEX_SBE_5568 - Date : 2013 9 29
 Float : 5903584 - Cycle : 70 - PI : STEPHEN RISER - Data mode : R - INST REF : APEX_SBE_5443 - Date : 2013 10 1
 Float : 5903601 - Cycle : 71 - PI : STEPHEN RISER - Data mode : A - INST REF : APEX_SBE_5730 - Date : 2013 10 9
 Float : 5903606 - Cycle : 70 - PI : STEPHEN RISER - Data mode : A - INST REF : APEX_SBE_5737 - Date : 2013 9 30
 Float : 5903721 - Cycle : 85 - PI : Stephen Riser - Data mode : A - INST REF : APEXIR_SBE_5305 - Date : 2013 10 1
 Float : 5903721 - Cycle : 86 - PI : Stephen Riser - Data mode : A - INST REF : APEXIR_SBE_5305 - Date : 2013 10 8
 Float : 5903721 - Cycle : 87 - PI : Stephen Riser - Data mode : A - INST REF : APEXIR_SBE_5305 - Date : 2013 10 15
 Float : 5903806 - Cycle : 59 - PI : GREGORY C. JOHNSON - Data mode : A - INST REF : APEX_SBE_5869 - Date : 2013 9 25
 Float : 5903975 - Cycle : 32 - PI : STEPHEN RISER - Data mode : A - INST REF : APEX_SBE_5851 - Date : 2013 10 4
 Float : 5903976 - Cycle : 30 - PI : STEPHEN RISER - Data mode : R - INST REF : APEX_SBE_5848 - Date : 2013 9 28
 Float : 5903978 - Cycle : 32 - PI : STEPHEN RISER - Data mode : R - INST REF : APEX_SBE_6119 - Date : 2013 10 11
 Float : 5903982 - Cycle : 31 - PI : STEPHEN RISER - Data mode : A - INST REF : APEX_SBE_6220 - Date : 2013 10 5
 Float : 5903986 - Cycle : 31 - PI : STEPHEN RISER - Data mode : R - INST REF : APEX_SBE_6224 - Date : 2013 10 10
 Float : 5904036 - Cycle : 64 - PI : Stephen Riser - Data mode : A - INST REF : APEXIR_SBE_5376 - Date : 2013 10 19
 Float : 5904049 - Cycle : 12 - PI : Gregory C. Johnson - Data mode : R - INST REF : NAVISIR_SBE_0223 - Date : 2013 10 21
 Float : 5904073 - Cycle : 34 - PI : DEAN ROEMMICH - Data mode : R - INST REF : SOLO2IR_SBE_8113 - Date : 2013 10 3
 Float : 5904366 - Cycle : 11 - PI : DEAN ROEMMICH - Data mode : R - INST REF : SOLO2IR_SBE_8171 - Date : 2013 10 26
 Float : 5904378 - Cycle : 48 - PI : DEAN ROEMMICH - Data mode : R - INST REF : SOLO2IR_SBE_8008 - Date : 2013 9 30
 Float : 5904378 - Cycle : 49 - PI : DEAN ROEMMICH - Data mode : R - INST REF : SOLO2IR_SBE_8008 - Date : 2013 9 30
 Float : 5904378 - Cycle : 50 - PI : DEAN ROEMMICH - Data mode : R - INST REF : SOLO2IR_SBE_8008 - Date : 2013 9 30
 Float : 5904378 - Cycle : 52 - PI : DEAN ROEMMICH - Data mode : R - INST REF : SOLO2IR_SBE_8008 - Date : 2013 10 1
 Float : 5904378 - Cycle : 53 - PI : DEAN ROEMMICH - Data mode : R - INST REF : SOLO2IR_SBE_8008 - Date : 2013 10 1

Warning Objective Analysis Anomalies 2013 October TEMP PSAL - DAC AO

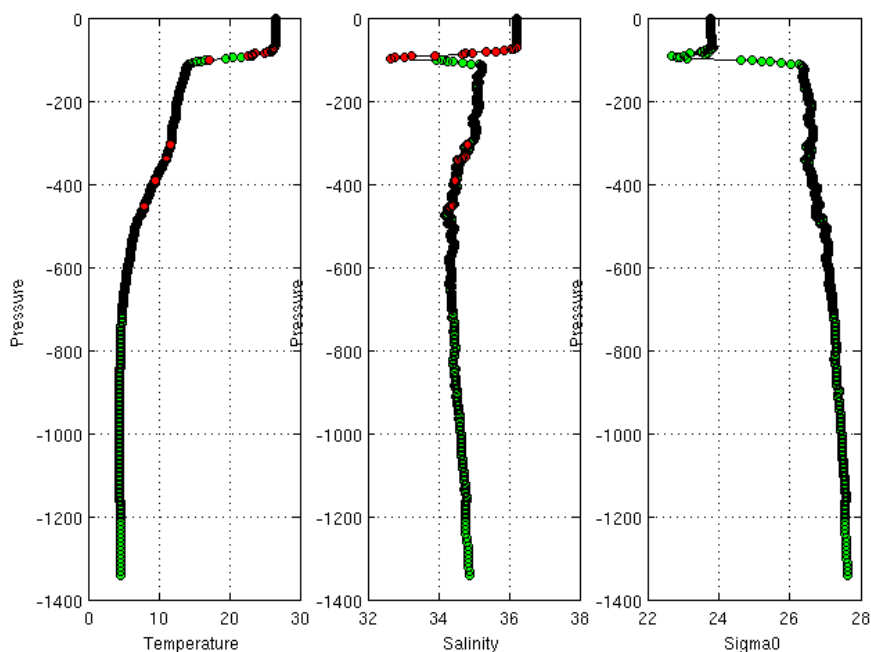


AO,4901586,7,24/10/2013 00:00:00,A,http://www.ifremer.fr/WC2argoFloats/station?&stationId=30970697 ,PSAL,1982,1999.6,1,4
 AO,3900542,268,26/10/2013 00:00:00,A,http://www.ifremer.fr/WC2argoFloats/station?&stationId=30976621 ,PSAL,23.9,23.9,1,3
 AO,3901036,55,26/10/2013 00:00:00,A,http://www.ifremer.fr/WC2argoFloats/station?&stationId=30977173 ,PSAL,104,116,1,4
 AO,3901036,55,26/10/2013 00:00:00,A,http://www.ifremer.fr/WC2argoFloats/station?&stationId=30977173 ,PSAL,136,148,1,4
 AO,5904366,11,26/10/2013 00:00:00,A,http://www.ifremer.fr/WC2argoFloats/station?&stationId=30977263 ,PSAL,1004,1004,1,4
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 AO,5904366,11,26/10/2013 00:00:00,A,http://www.ifremer.fr/WC2argoFloats/station?&stationId=30977263 ,PSAL,1032,1032,1,4
 AO,5900696,310,27/10/2013 00:00:00,A,http://www.ifremer.fr/WC2argoFloats/station?&stationId=30977075 ,TEMP,0,0,1,4
 AO,2901418,117,28/10/2013 00:00:00,A,http://www.ifremer.fr/WC2argoFloats/station?&stationId=30980514 ,PSAL,35.8,35.8,1,4
 AO,2901418,117,28/10/2013 00:00:00,A,http://www.ifremer.fr/WC2argoFloats/station?&stationId=30980514 ,PSAL,1200.2,1200.2,1,4

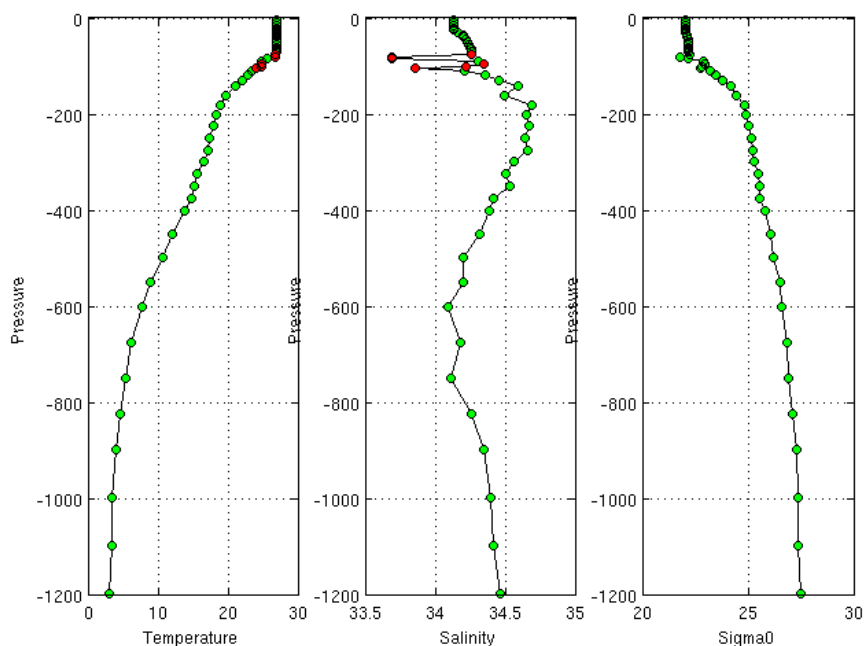
APEX to put on the grey list:

Example of corrections:

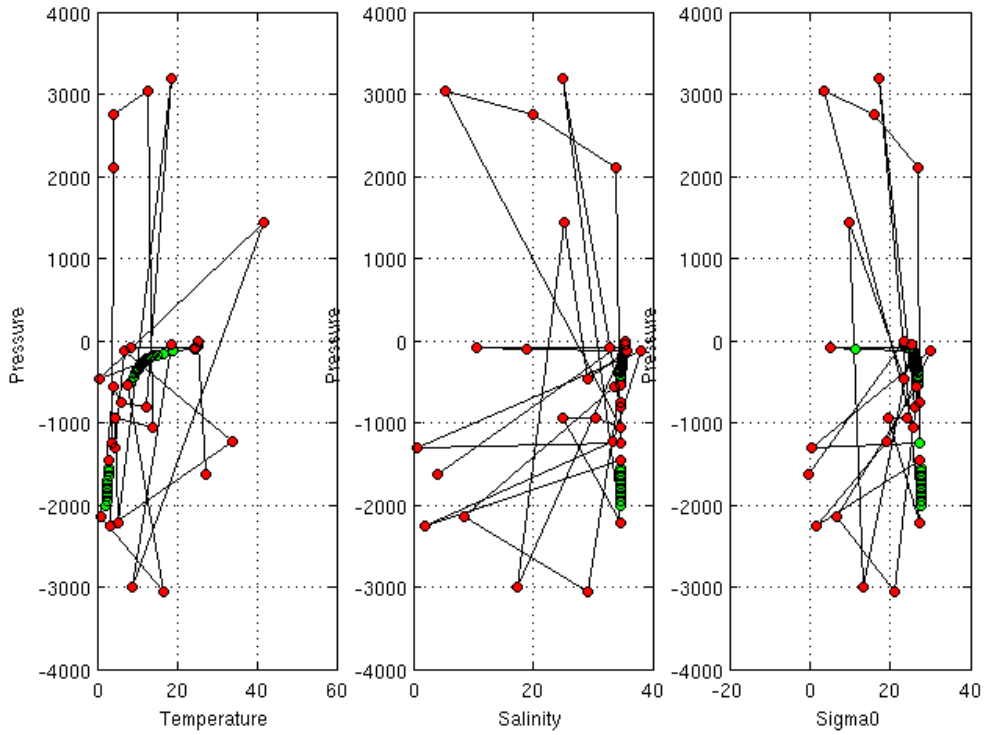
Warning Objective Analysis Anomalies 2013 October TEMP PSAL : DAC AO- Float 1901668-28



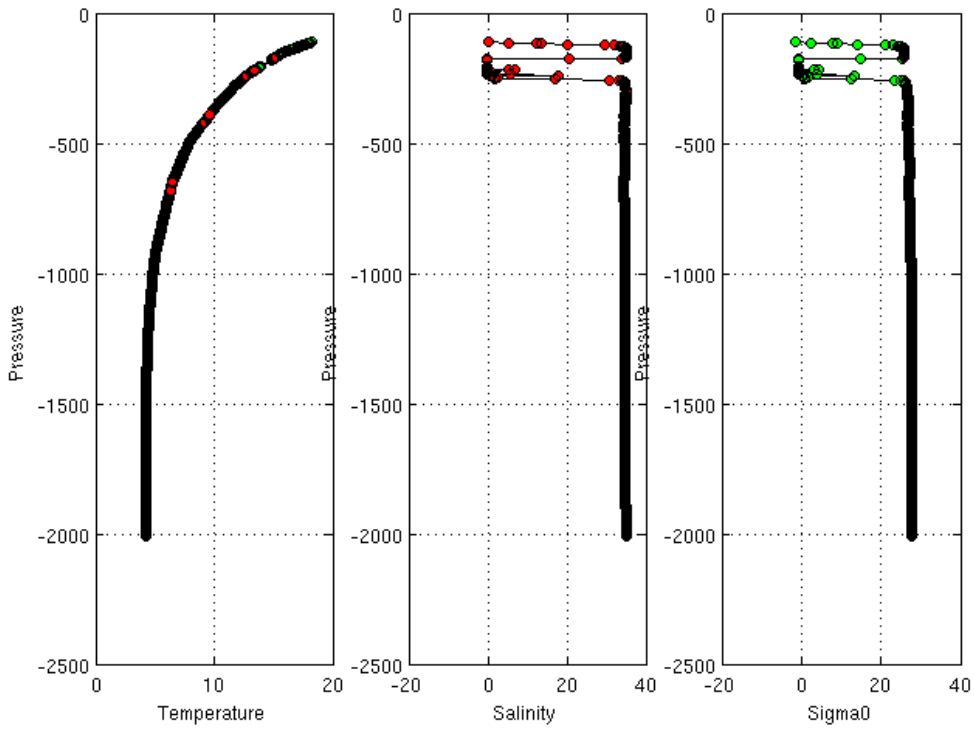
Warning Objective Analysis Anomalies 2013 October TEMP PSAL : DAC AO- Float 2901450-42



Warning Objective Analysis Anomalies 2013 October TEMP PSAL : DAC AO- Float 3900844-209



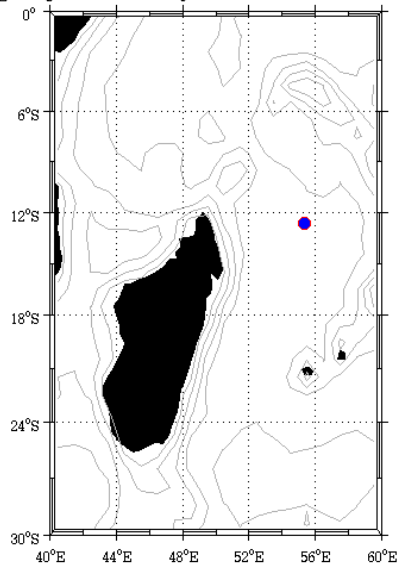
Warning Objective Analysis Anomalies 2013 October TEMP PSAL : DAC AO- Float 4901475-9



2. DAC BODC

Profiles detected by the objective analysis: 1

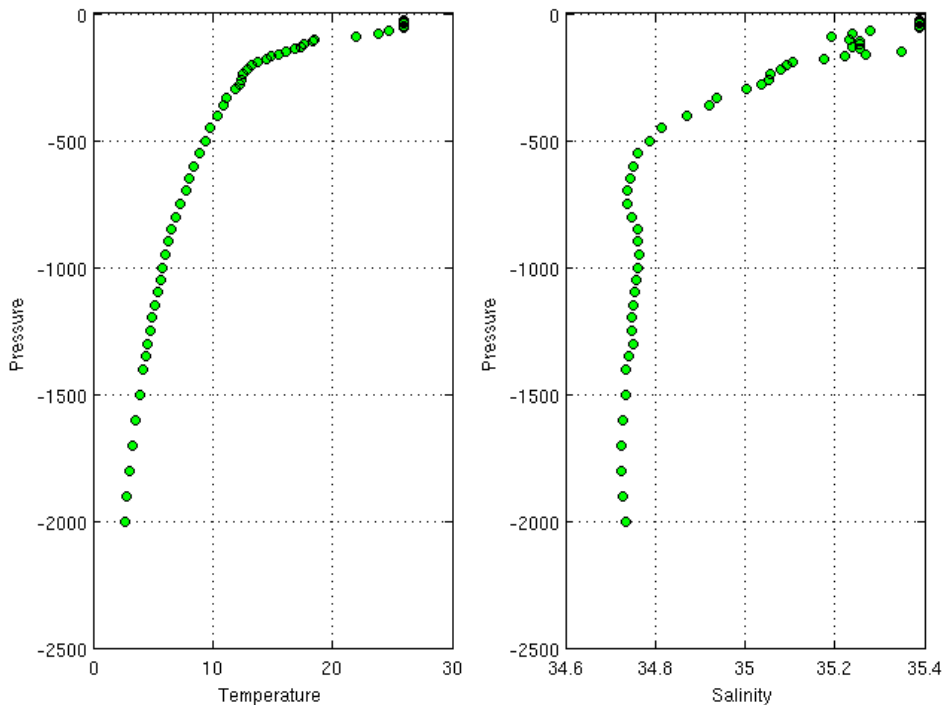
Warning Objective Analysis Anomalies 2013 October



Status of corrections: DONE

Float : 1901308 - Cycle : 10 - PI : M Beebeejaun - Data mode : A - INST REF : APEX-SBE 5592 - Date : 2013 9 25

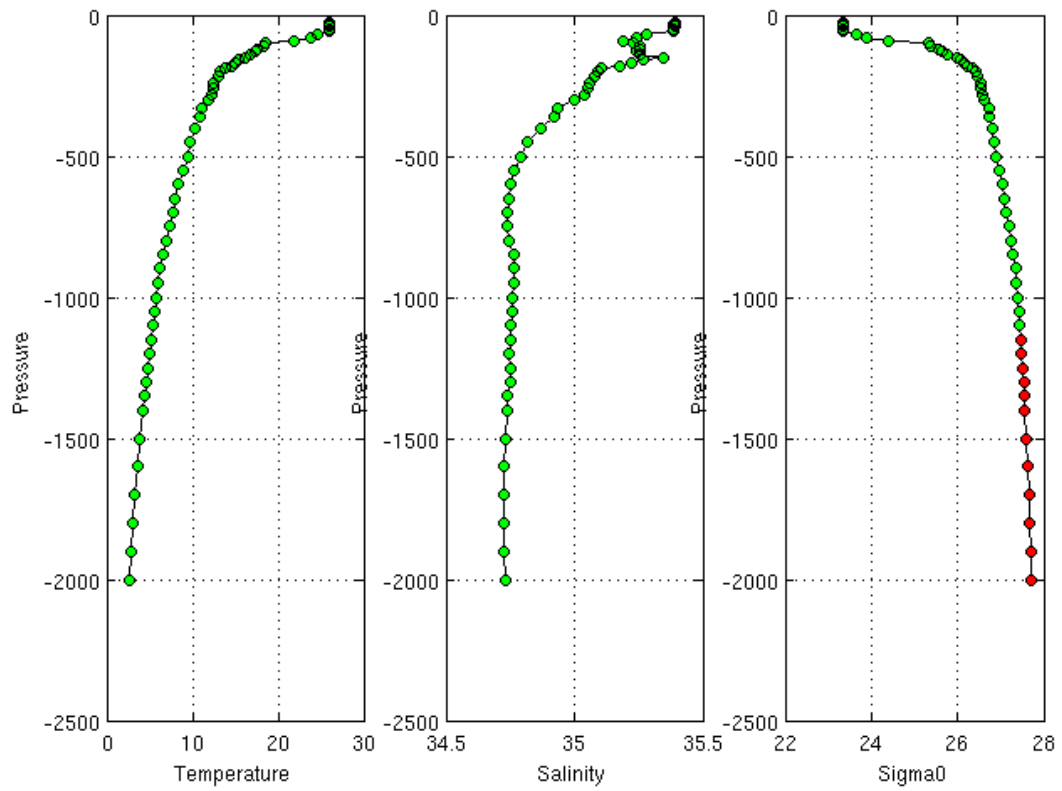
Warning Objective Analysis Anomalies 2013 October TEMP PSAL - DAC BO



DAC_CODE,PLATFORM_CODE,CV_NUMBER,DATE_UPDATE,DIRECTION,WEB_URL,PARAMETER,START_IMMERSION,STOP_IMMERSION,OLD_QC,NEW_QC
BO,1901308,10,25/09/2013 00:00:00,A,<http://www.ifremer.fr/WC2argoFloats/station?&stationId=30648236>,TEMP,1149.9,2000.7,4,1
BO,1901308,10,25/09/2013 00:00:00,A,<http://www.ifremer.fr/WC2argoFloats/station?&stationId=30648236>,PSAL,1149.9,2000.7,4,1

Example of corrections:

Warning Objective Analysis Anomalies 2013 October TEMP PSAL : DAC BO- Float 1901308-10



PRES to be changed ?

3. DAC CSIO

Profiles detected by the objective analysis: 0

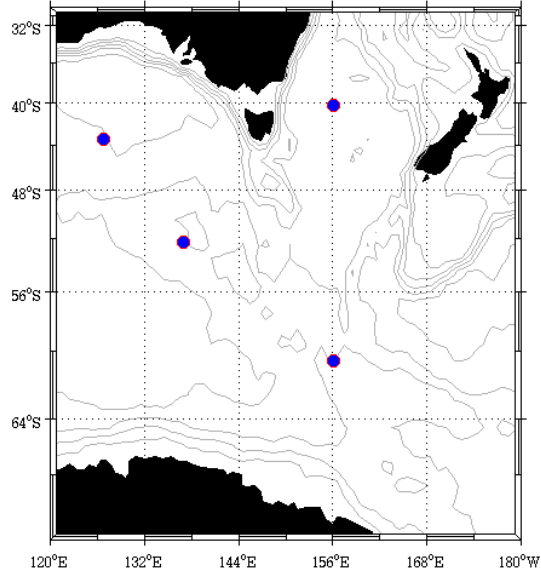
Status of corrections:

Example of corrections:

4. DAC CSIRO

Profiles detected by the objective analysis: 4

Warning Objective Analysis Anomalies 2013 October



Status of corrections: DONE with feedback

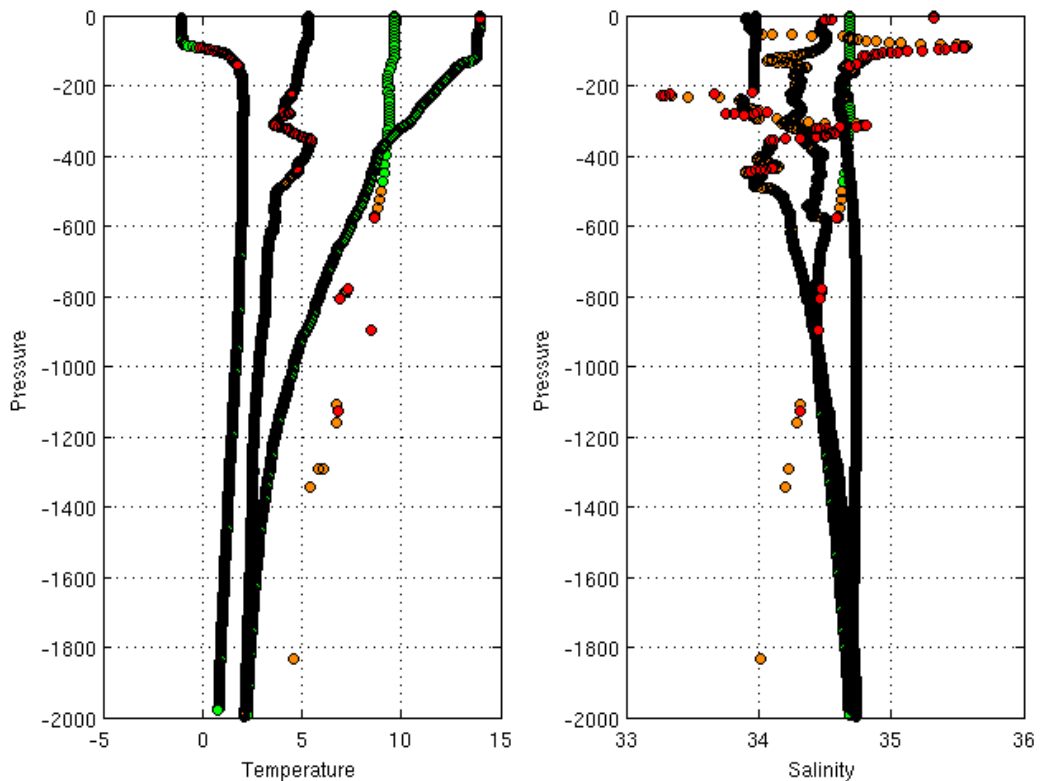
Float : 5901700 - Cycle : 174 - PI : Susan Wijffels - Data mode : A - INST REF : - Date : 2013 10 25

Float : 5903243 - Cycle : 137 - PI : Susan Wijffels - Data mode : A - INST REF : - Date : 2013 10 14

Float : 5903943 - Cycle : 50 - PI : Susan Wijffels - Data mode : A - INST REF : - Date : 2013 10 7

Float : 5904228 - Cycle : 27 - PI : Susan Wijffels - Data mode : A - INST REF : - Date : 2013 9 30

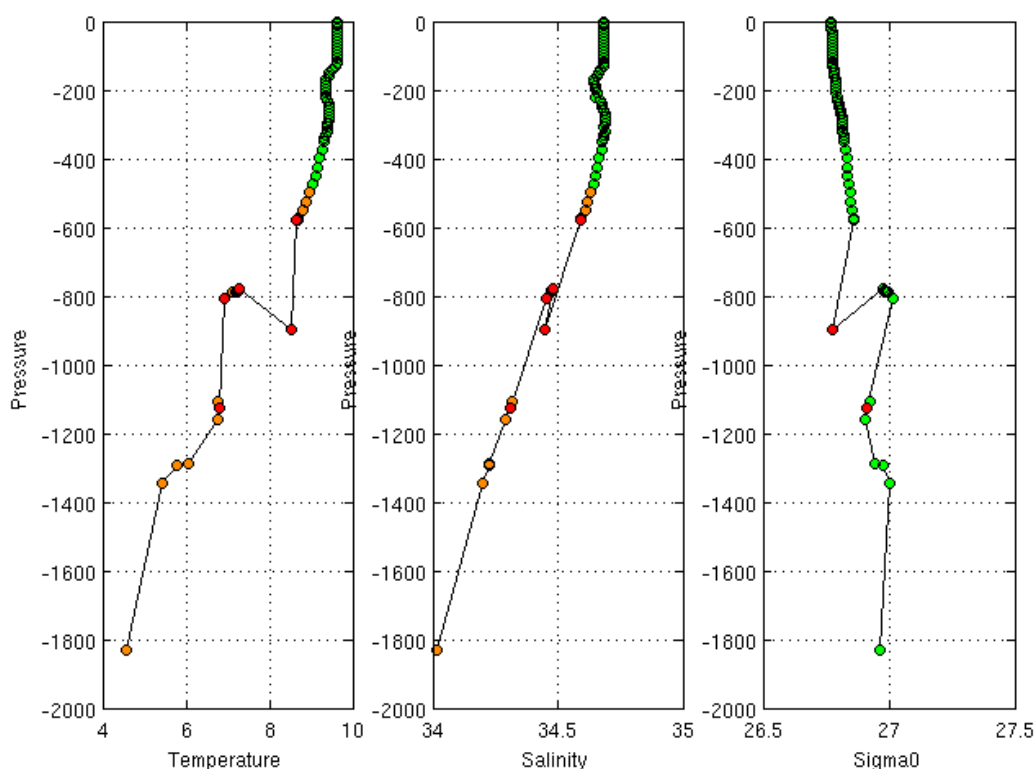
Warning Objective Analysis Anomalies 2013 October TEMP PSAL - DAC CS

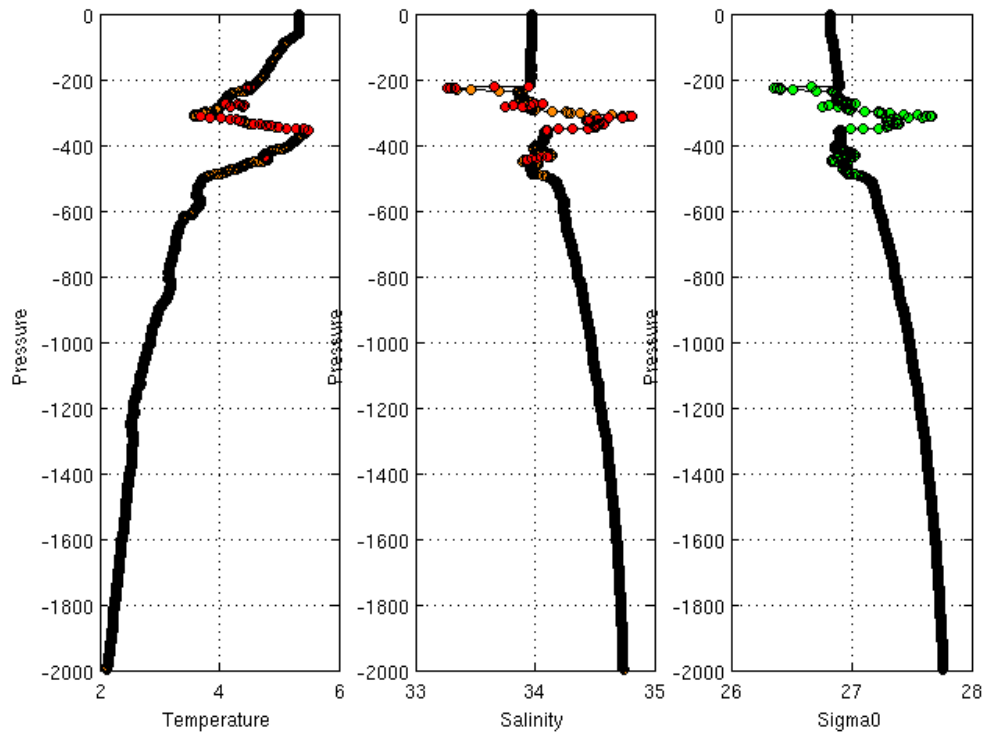


DAC_CODE,PLATFORM_CODE,CV_NUMBER,DATE_UPDATE,DIRECTION,WEB_URL,PARAMETER,START_IMMERSION,STOP_IMMERSION,OLD_QC,NEW_QC
 CS,5904228,27,30/09/2013 00:00:00,A,http://www.ifremer.fr/WC2argoFloats/station?&stationId=30702749 ,TEMP,218,218,1,4
 CS,5904228,27,30/09/2013 00:00:00,A,http://www.ifremer.fr/WC2argoFloats/station?&stationId=30702749 ,TEMP,230,272,1,4
 CS,5904228,27,30/09/2013 00:00:00,A,http://www.ifremer.fr/WC2argoFloats/station?&stationId=30702749 ,TEMP,286,312,1,4
 CS,5904228,27,30/09/2013 00:00:00,A,http://www.ifremer.fr/WC2argoFloats/station?&stationId=30702749 ,TEMP,326,334,1,4
 CS,5904228,27,30/09/2013 00:00:00,A,http://www.ifremer.fr/WC2argoFloats/station?&stationId=30702749 ,TEMP,344,344,1,4
 CS,5904228,27,30/09/2013 00:00:00,A,http://www.ifremer.fr/WC2argoFloats/station?&stationId=30702749 ,TEMP,358,434,1,4
 CS,5904228,27,30/09/2013 00:00:00,A,http://www.ifremer.fr/WC2argoFloats/station?&stationId=30702749 ,PSAL,230,272,1,4
 CS,5904228,27,30/09/2013 00:00:00,A,http://www.ifremer.fr/WC2argoFloats/station?&stationId=30702749 ,PSAL,286,312,1,4
 CS,5904228,27,30/09/2013 00:00:00,A,http://www.ifremer.fr/WC2argoFloats/station?&stationId=30702749 ,PSAL,326,334,1,4
 CS,5904228,27,30/09/2013 00:00:00,A,http://www.ifremer.fr/WC2argoFloats/station?&stationId=30702749 ,PSAL,344,344,1,4
 CS,5904228,27,30/09/2013 00:00:00,A,http://www.ifremer.fr/WC2argoFloats/station?&stationId=30702749 ,PSAL,358,434,1,4
 CS,5904228,27,30/09/2013 00:00:00,A,http://www.ifremer.fr/WC2argoFloats/station?&stationId=30702749 ,PSAL,446,472,1,4
 CS,5903943,50,07/10/2013 00:00:00,A,http://www.ifremer.fr/WC2argoFloats/station?&stationId=30756010 ,PSAL,16,576,1,3
 CS,5903243,137,14/10/2013 00:00:00,A,http://www.ifremer.fr/WC2argoFloats/station?&stationId=30861030 ,PSAL,60,90,1,4
 CS,5903243,137,14/10/2013 00:00:00,A,http://www.ifremer.fr/WC2argoFloats/station?&stationId=30861030 ,PSAL,118,138,1,4
 CS,5903243,137,14/10/2013 00:00:00,A,http://www.ifremer.fr/WC2argoFloats/station?&stationId=30861030 ,PSAL,144,146,1,1,4
 CS,5901700,174,28/10/2013 00:00:00,A,http://www.ifremer.fr/WC2argoFloats/station?&stationId=30973704 ,PSAL,781.8,790.1,1,4
 CS,5901700,174,28/10/2013 00:00:00,A,http://www.ifremer.fr/WC2argoFloats/station?&stationId=30973704 ,PSAL,1107.7,1833,1,4
 CS,5901700,174,28/10/2013 00:00:00,A,http://www.ifremer.fr/WC2argoFloats/station?&stationId=30973704 ,TEMP,781.8,790.1,1,4
 CS,5901700,174,28/10/2013 00:00:00,A,http://www.ifremer.fr/WC2argoFloats/station?&stationId=30973704 ,TEMP,1107.7,1833,1,4

Example of corrections:

Warning Objective Analysis Anomalies 2013 October TEMP PSAL : DAC CS- Float 5901700-174

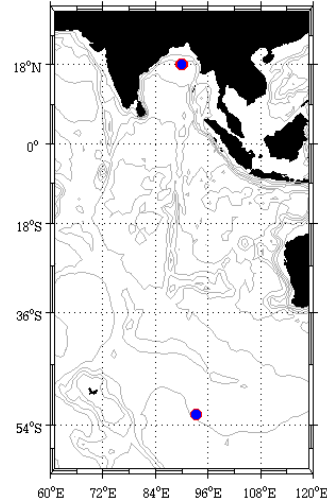




5. DAC INCOIS

Profiles detected by the objective analysis: 3

Warning Objective Analysis Anomalies 2013 October



Status of corrections: Done for PROVOR (Coriolis) not for APEX (Incois)

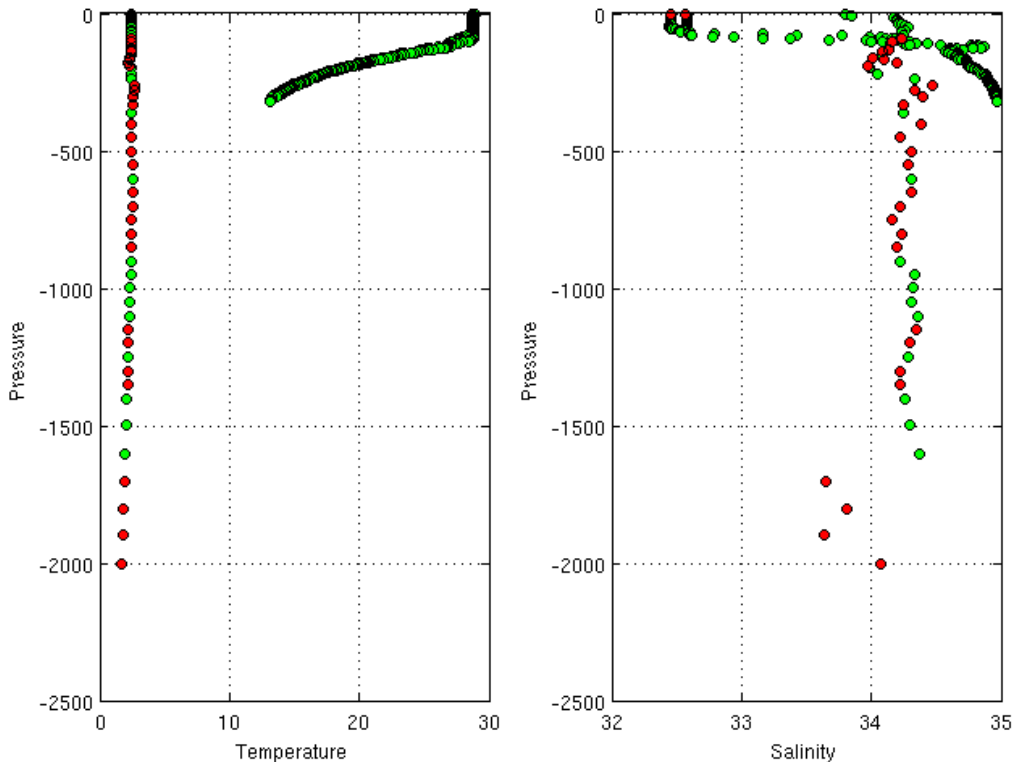
(Comment: Some (Provov/Arvor) are directly taken into account in the Coriolis process, such as decoding and quality control).

Float : 2901350 - Cycle : 58 - PI : M Ravichandran - Data mode : A - INST REF : APEX-SBE 5775 - Date : 2013 8 31

Float : 2902087 - Cycle : 90 - PI : M Ravichandran - Data mode : R - FLOAT SERIAL : PROVOR OIN 12_IND-FLBB- - Date : 2013 10 13

Float : 2902087 - Cycle : 91 - PI : M Ravichandran - Data mode : R - FLOAT SERIAL : PROVOR OIN 12_IND-FLBB- - Date : 2013 10 14

Warning Objective Analysis Anomalies 2013 October TEMP PSAL - DAC IN

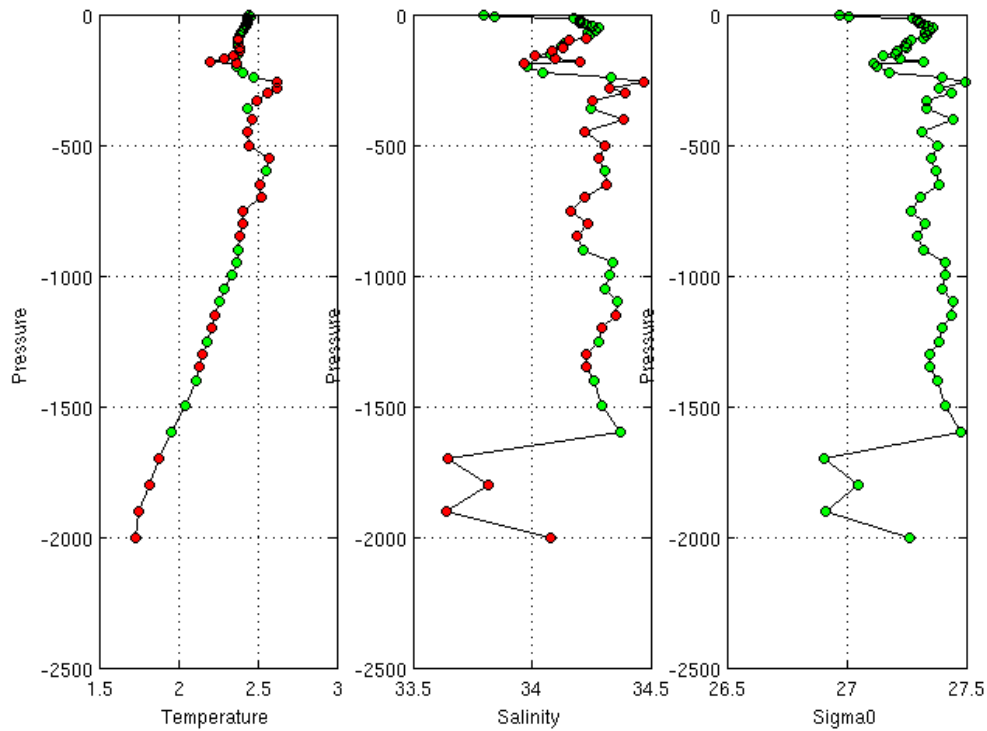


DAC_CODE,PLATFORM_CODE,CV_NUMBER,DATE_UPDATE,DIRECTION,WEB_URL,PARAMETER,START_IMMERSION,STOP_IMMERSION,OLD_QC,NEW_QC
IN,2901350,58,03/09/2013 00:00:00,A,<http://www.ifremer.fr/WC2argoFloats/station?&stationId=30429190>,PSAL,110.2,120,1,4
IN,2901350,58,03/09/2013 00:00:00,A,<http://www.ifremer.fr/WC2argoFloats/station?&stationId=30429190>,PSAL,149.8,149.8,1,4

IN,2901350,58,03/09/2013 00:00:00,A,http://www.ifremer.fr/WC2argoFloats/station?&stationId=30429190 ,PSAL,199.9,240.1,1,1,4
 IN,2901350,58,03/09/2013 00:00:00,A,http://www.ifremer.fr/WC2argoFloats/station?&stationId=30429190 ,PSAL,360.3,360.3,1,1,4
 IN,2901350,58,03/09/2013 00:00:00,A,http://www.ifremer.fr/WC2argoFloats/station?&stationId=30429190 ,PSAL,600.4,600.4,1,1,4
 IN,2901350,58,03/09/2013 00:00:00,A,http://www.ifremer.fr/WC2argoFloats/station?&stationId=30429190 ,PSAL,900,1100.4,1,1,4
 IN,2901350,58,03/09/2013 00:00:00,A,http://www.ifremer.fr/WC2argoFloats/station?&stationId=30429190 ,PSAL,1250.1,1250.1,1,1,4
 IN,2901350,58,03/09/2013 00:00:00,A,http://www.ifremer.fr/WC2argoFloats/station?&stationId=30429190 ,PSAL,1400.4,1600.6,1,1,4
 IN,2902087,90,13/10/2013 00:00:00,A,http://www.ifremer.fr/WC2argoFloats/station?&stationId=30859169 ,TEMP,312.5,1.5,3,1
 IN,2902087,91,14/10/2013 00:00:00,A,http://www.ifremer.fr/WC2argoFloats/station?&stationId=30861129 ,TEMP,.1,321.8,3,1
 IN,2902087,91,21/10/2013 00:00:00,A,http://www.ifremer.fr/WC2argoFloats/station?&stationId=30861129 ,TEMP,.1,321.8,3,1

Example of corrections:

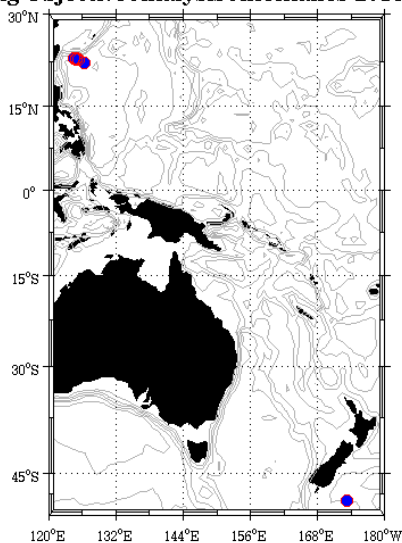
Warning Objective Analysis Anomalies 2013 October TEMP PSAL : DAC IN- Float 2901350-58



6. DAC JMA/JAMSTEC

Profiles detected by the objective analysis: 6

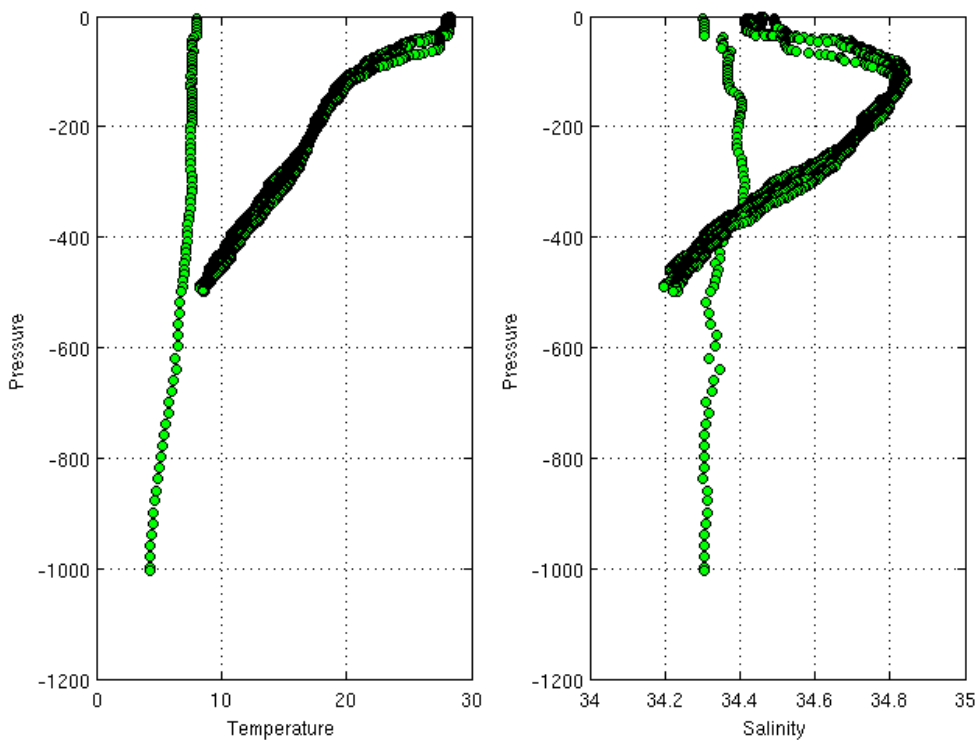
Warning Objective Analysis Anomalies 2013 October



Status of corrections: NOT DONE

Float : 2901670 - Cycle : 317 - PI : JMA - Data mode : A - INST REF : APEX-SBE 5393 - Date : 2013 9 20
Float : 2901670 - Cycle : 318 - PI : JMA - Data mode : A - INST REF : APEX-SBE 5393 - Date : 2013 9 21
Float : 2901670 - Cycle : 319 - PI : JMA - Data mode : A - INST REF : APEX-SBE 5393 - Date : 2013 9 22
Float : 2901670 - Cycle : 320 - PI : JMA - Data mode : A - INST REF : APEX-SBE 5393 - Date : 2013 9 23
Float : 5901600 - Cycle : 170 - PI : JAMSTEC - Data mode : A - INST REF : APEX-SBE 3545 - Date : 2013 9 28
Float : 5901988 - Cycle : 341 - PI : JMA - Data mode : A - INST REF : APEX-SBE 5394 - Date : 2013 10 9

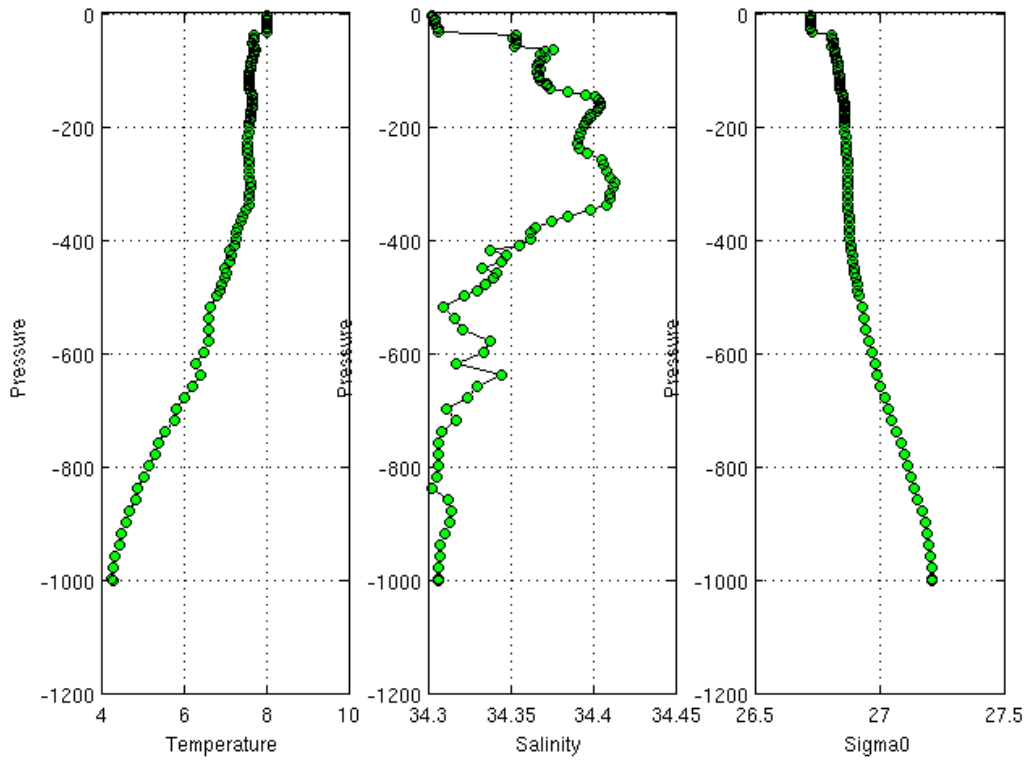
Warning Objective Analysis Anomalies 2013 October TEMP PSAL - DAC JA



DAC_CODE,PLATFORM_CODE,CV_NUMBER,DATE_UPDATE,DIRECTION,WEB_URL,PARAMETER,START_IMMERSION,STOP_IMMERSION,OLD_QC,NEW_QC
 JA,5901600,170,28/09/2013 00:00:00,A,<http://www.ifremer.fr/WC2argoFloats/station?&stationId=30695836> ,PSAL,959.7,959.7,1,4
 JA,5901988,341,09/10/2013 00:00:00,A,<http://www.ifremer.fr/WC2argoFloats/station?&stationId=30835452> ,PSAL,492.3,492.3,1,4
 JA,2901670,318,21/09/2013 00:00:00,A,<http://www.ifremer.fr/WC2argoFloats/station?&stationId=30608345> ,PSAL,4,6,1,4
 JA,2901670,319,22/09/2013 00:00:00,A,<http://www.ifremer.fr/WC2argoFloats/station?&stationId=30611892> ,PSAL,4.3,6,1,4
 JA,2901670,320,23/09/2013 00:00:00,A,<http://www.ifremer.fr/WC2argoFloats/station?&stationId=30626252> ,PSAL,2.4,4,1,4
 JA,2901670,317,20/09/2013 00:00:00,A,<http://www.ifremer.fr/WC2argoFloats/station?&stationId=30604955> ,PSAL,2.8,4,1,4

Example of anomalies: density inversion

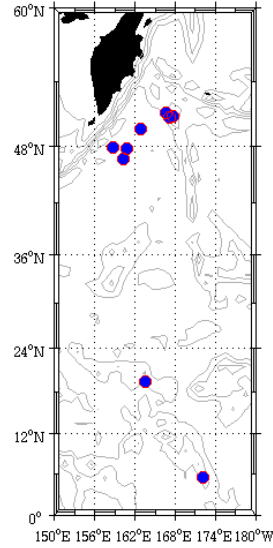
Warning Objective Analysis Anomalies 2013 October TEMP PSAL : DAC JA- Float 5901600-170



7. DAC KMA

Profiles detected by the objective analysis: 9

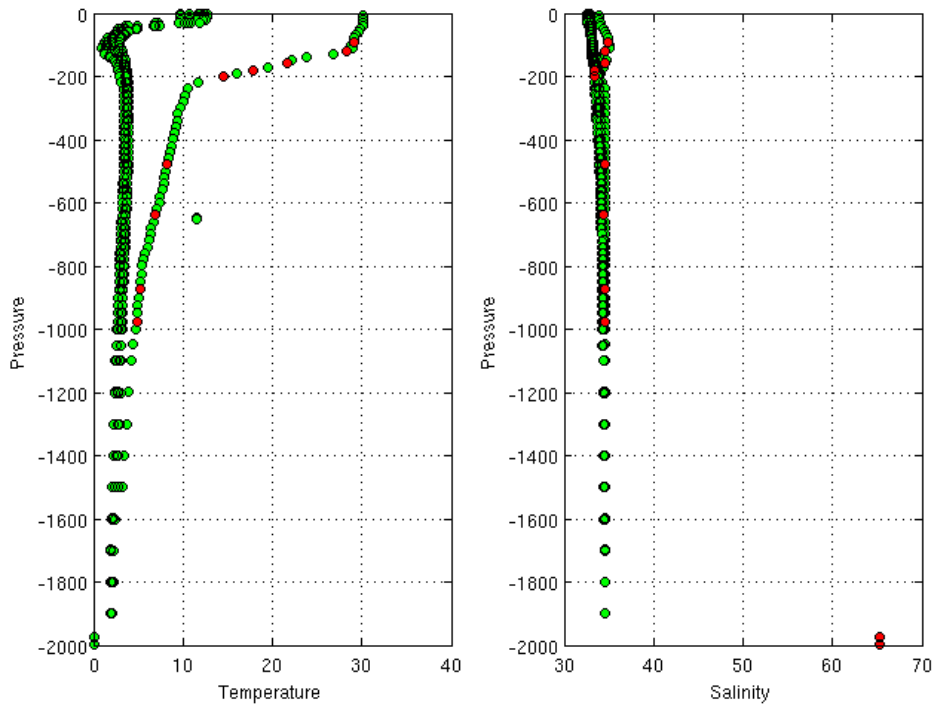
Warning Objective Analysis Anomalies 2013 October



Status of corrections: NOT DONE, NO FEEDBACK

Float : 2900890 - Cycle : 193 - PI : Jang-Won Seo - Data mode : R - INST REF : APEX Profiling Float - Date : 2013 10 2
Float : 2901225 - Cycle : 145 - PI : Sang-Buem Ryu - Data mode : R - INST REF : APEX Profiling Float - Date : 2013 10 26
Float : 2901712 - Cycle : 3 - PI : Young-Hwa Kim - Data mode : R - INST REF : APEX Profiling Float - Date : 2013 9 2
Float : 2901713 - Cycle : 3 - PI : Young-Hwa Kim - Data mode : R - INST REF : APEX Profiling Float - Date : 2013 9 2
Float : 2901713 - Cycle : 6 - PI : Young-Hwa Kim - Data mode : R - INST REF : APEX Profiling Float - Date : 2013 10 2
Float : 2901714 - Cycle : 3 - PI : Young-Hwa Kim - Data mode : R - INST REF : APEX Profiling Float - Date : 2013 9 3
Float : 2901715 - Cycle : 3 - PI : Young-Hwa Kim - Data mode : R - INST REF : APEX Profiling Float - Date : 2013 9 3
Float : 2901715 - Cycle : 6 - PI : Young-Hwa Kim - Data mode : R - INST REF : APEX Profiling Float - Date : 2013 10 3
Float : 2901716 - Cycle : 3 - PI : Young-Hwa Kim - Data mode : R - INST REF : APEX Profiling Float - Date : 2013 9 3

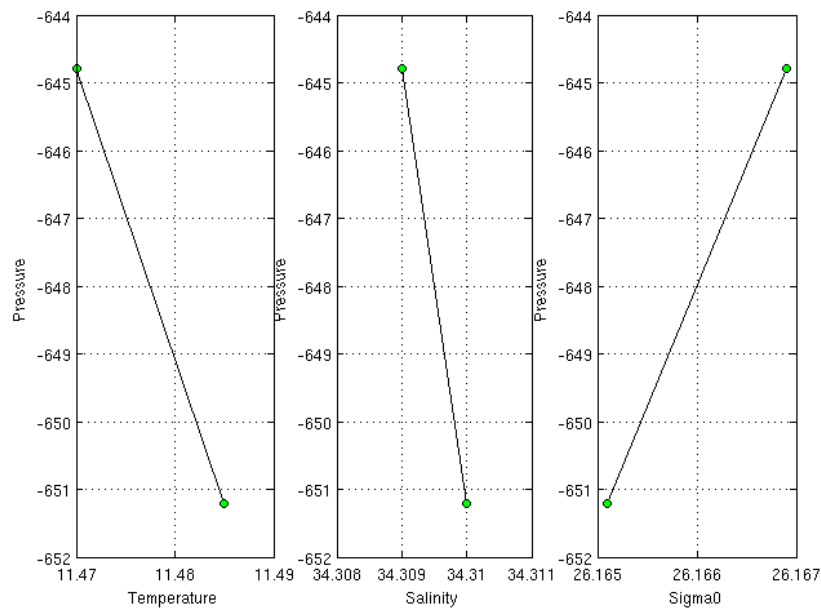
Warning Objective Analysis Anomalies 2013 October TEMP PSAL - DAC KM



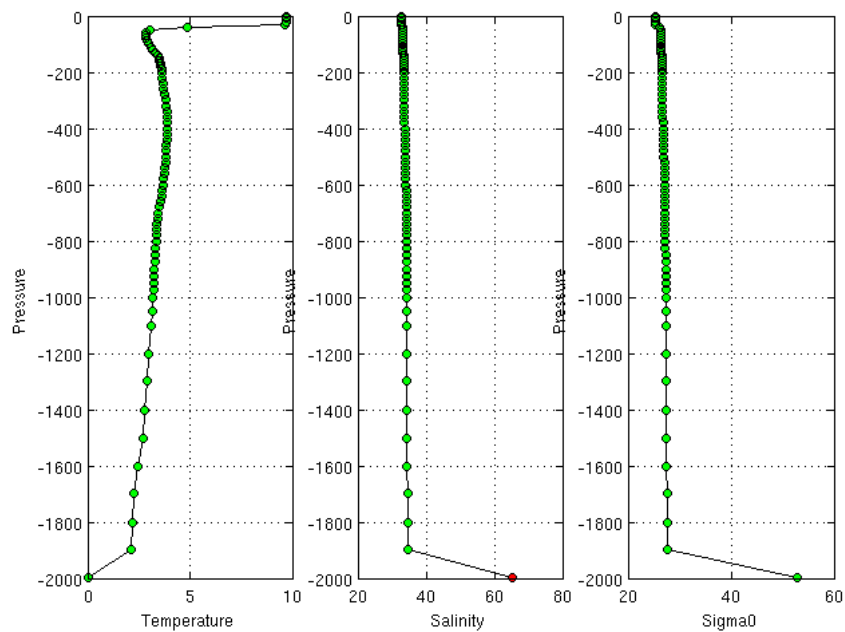
KM,2901713,3,16/09/2013 00:00:00,A,http://www.ifremer.fr/WC2argoFloats/station?&stationId=30586338 ,TEMP,1997.5,1997.5,1,4
 KM,2901714,3,16/09/2013 00:00:00,A,http://www.ifremer.fr/WC2argoFloats/station?&stationId=30586351 ,TEMP,1997.5,1997.5,1,4
 KM,2901712,3,16/09/2013 00:00:00,A,http://www.ifremer.fr/WC2argoFloats/station?&stationId=30586400 ,TEMP,1971.9,1971.9,1,4
 KM,2901716,3,16/09/2013 00:00:00,A,http://www.ifremer.fr/WC2argoFloats/station?&stationId=30586349 ,TEMP,1997.5,1997.5,1,4
 KM,2901715,3,16/09/2013 00:00:00,A,http://www.ifremer.fr/WC2argoFloats/station?&stationId=30586371 ,TEMP,1997.5,1997.5,1,4
 KM,2901713,6,03/10/2013 00:00:00,A,http://www.ifremer.fr/WC2argoFloats/station?&stationId=30750813 ,TEMP,1997.5,1997.5,1,4
 KM,2900890,193,03/10/2013 00:00:00,A,http://www.ifremer.fr/WC2argoFloats/station?&stationId=30748191 ,PSAL,644.8,651.2,1,4
 KM,2900890,193,03/10/2013 00:00:00,A,http://www.ifremer.fr/WC2argoFloats/station?&stationId=30748191 ,TEMP,644.8,651.2,1,4
 KM,2901715,6,04/10/2013 00:00:00,A,http://www.ifremer.fr/WC2argoFloats/station?&stationId=30753074 ,TEMP,1997.5,1997.5,1,4
 KM,2901225,145,27/10/2013 00:00:00,A,http://www.ifremer.fr/WC2argoFloats/station?&stationId=30994547 ,PSAL,129.2,139.8,1,4
 KM,2901225,145,27/10/2013 00:00:00,A,http://www.ifremer.fr/WC2argoFloats/station?&stationId=30994547 ,PSAL,169.6,169.6,1,4
 KM,2901225,145,27/10/2013 00:00:00,A,http://www.ifremer.fr/WC2argoFloats/station?&stationId=30994547 ,PSAL,189.6,189.6,1,4
 KM,2901225,145,27/10/2013 00:00:00,A,http://www.ifremer.fr/WC2argoFloats/station?&stationId=30994547 ,PSAL,219.3,219.3,1,4

Example of anomalies:

Warning Objective Analysis Anomalies 2013 October TEMP PSAL : DAC KM- Float 2900890-193

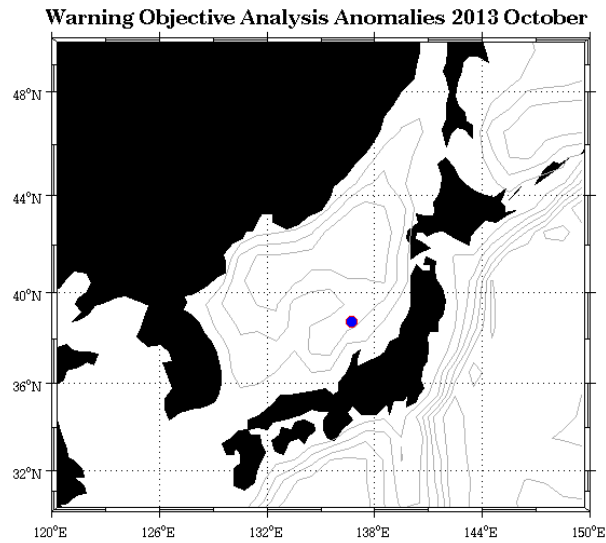


Warning Objective Analysis Anomalies 2013 October TEMP PSAL : DAC KM- Float 2901715-6



8. DAC KORDI

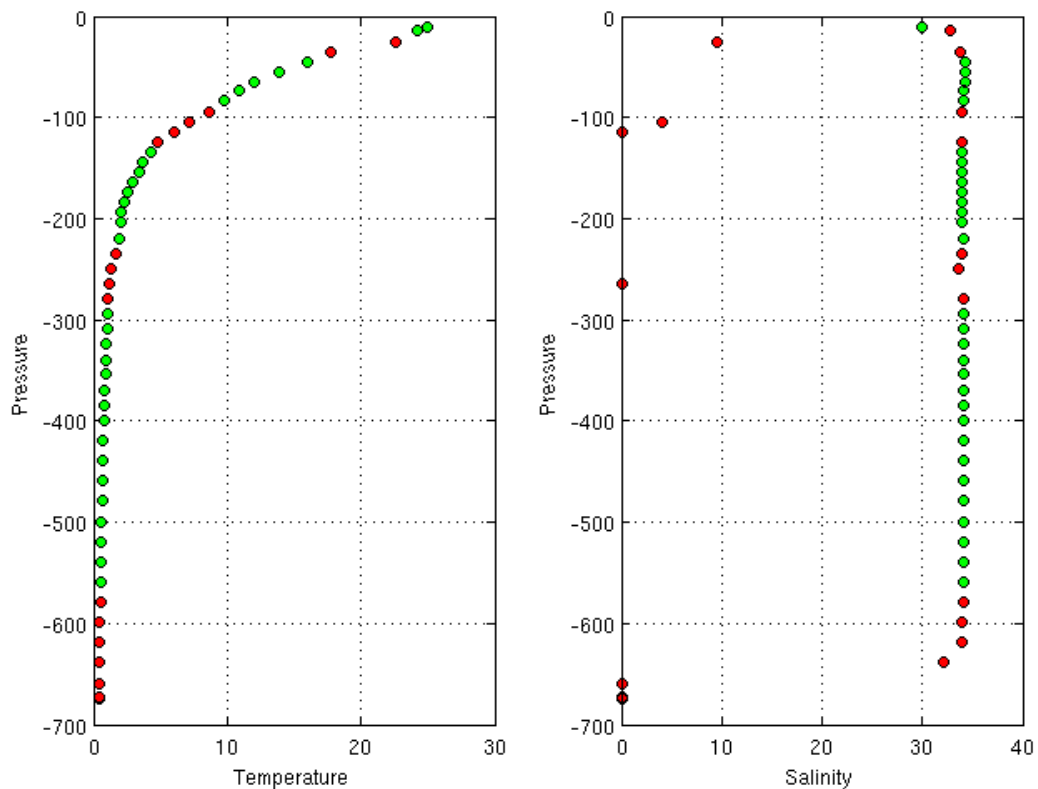
Profiles detected by the objective analysis: 1



Status of corrections: NOT DONE, NO FEEDBACK

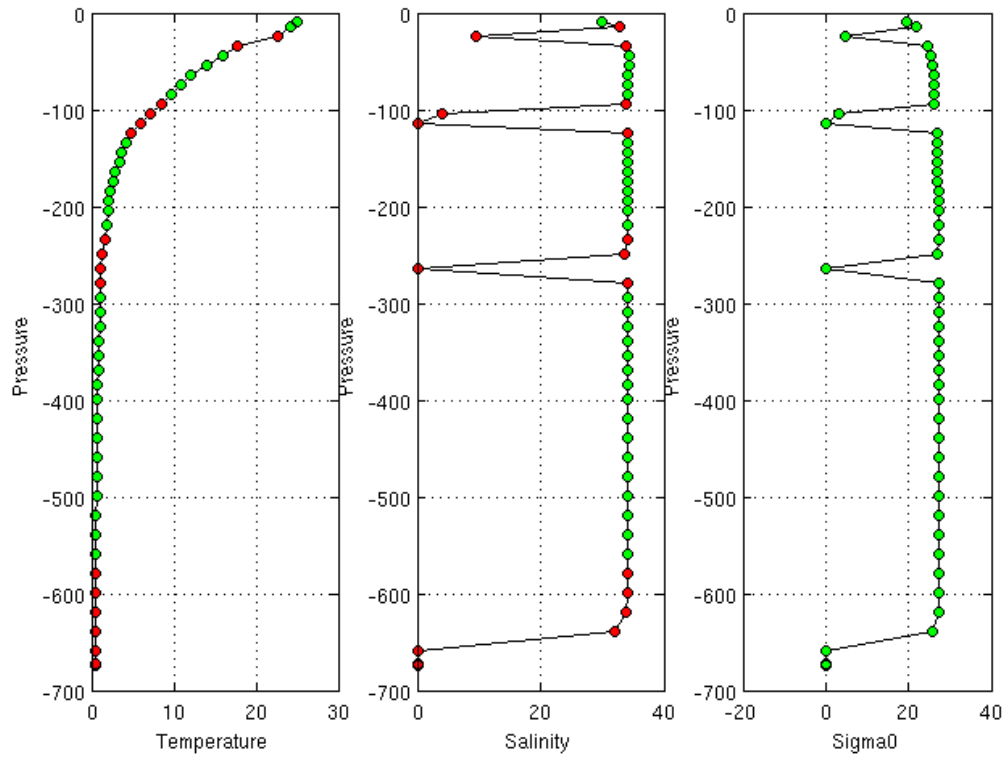
Float : 2900209 - Cycle : 403 - PI : Moon-Sik Suk - Data mode : A - INST REF : APEX-SBE 667 - Date : 2013 9 14

Warning Objective Analysis Anomalies 2013 October TEMP PSAL - DAC KO



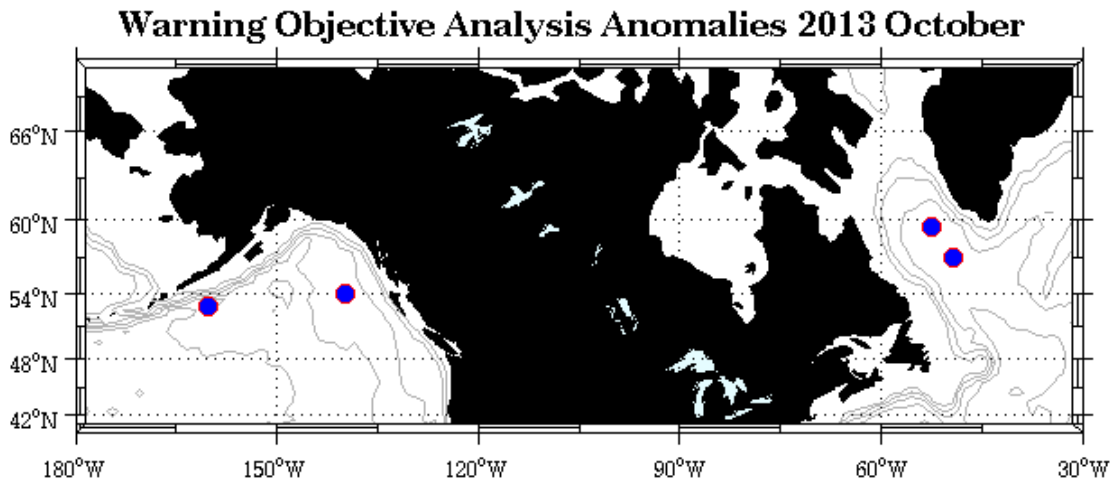
DAC_CODE,PLATFORM_CODE,CV_NUMBER,DATE_UPDATE,DIRECTION,WEB_URL,PARAMETER,START_IMMERSION,STOP_IMMERSION,OLD_QC,NEW_QC
KO,2900209,403,18/09/2013 00:00:00,A,<http://www.ifremer.fr/WC2argoFloats/station?&stationId=30549450> ,PSAL,9,9,9,9,1,4

Example of anomalies:



9. DAC MEDS

Profiles detected by the objective analysis: 4



Status of corrections: NOT DONE, NO FEEDBACK

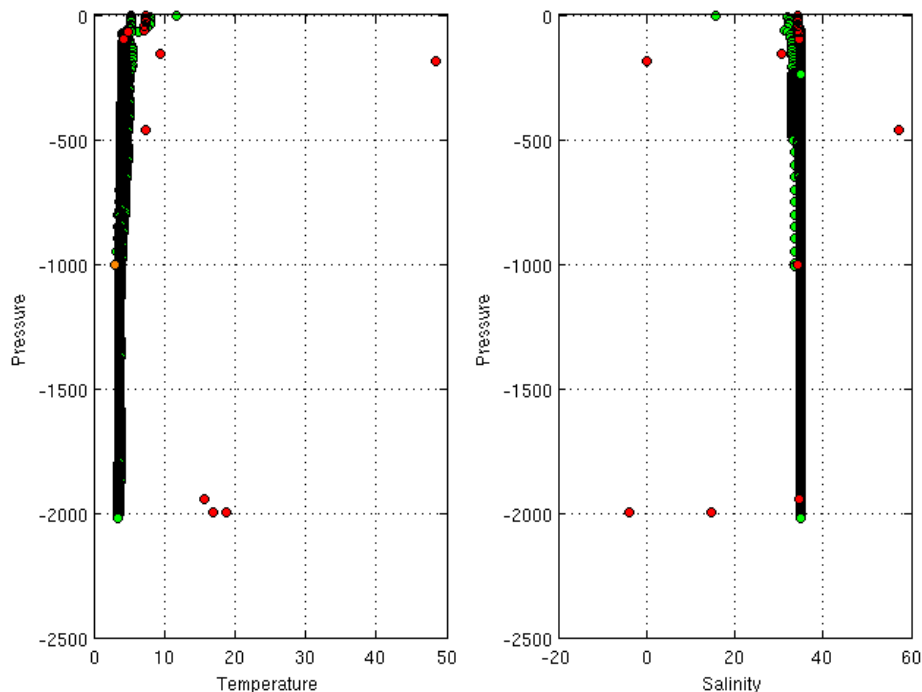
Float : 4901121 - Cycle : 149 - PI : Howard Freeland - Data mode : A - INST REF : - Date : 2013 10 11

Float : 4901136 - Cycle : 119 - PI : Denis Gilbert - Data mode : A - INST REF : Webb Research APEX-SBE/OPTODE 4832 - Date : 2013 10 1

Float : 4901200 - Cycle : 49 - PI : Denis Gilbert - Data mode : A - INST REF : - Date : 2013 10 21

Float : 4901750 - Cycle : 13 - PI : Denis Gilbert - Data mode : A - INST REF : MetOcean NOVA-SBE 80 - Date : 2013 9 27

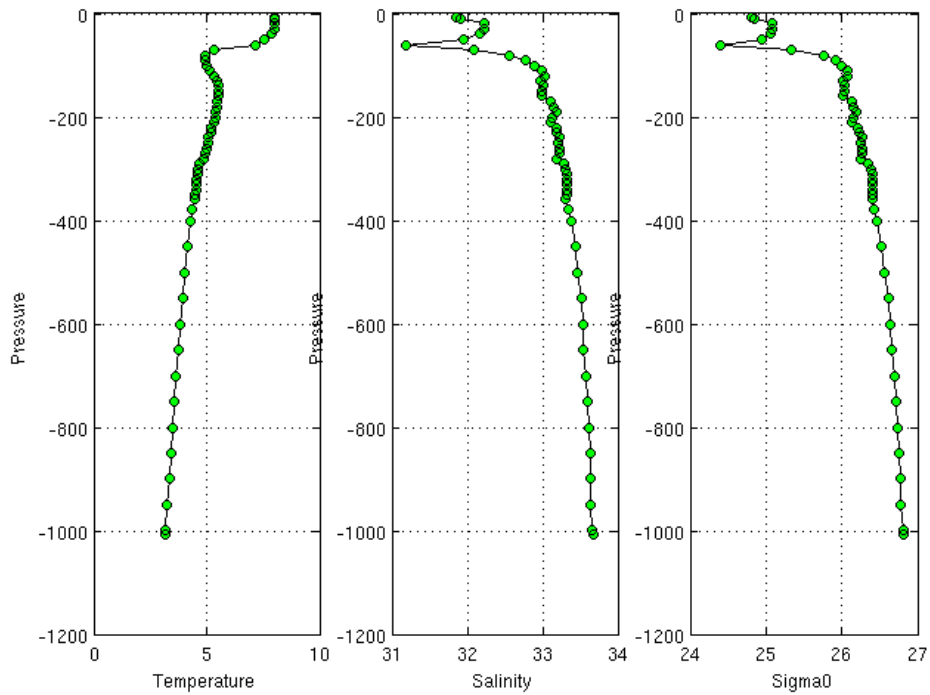
Warning Objective Analysis Anomalies 2013 October TEMP PSAL - DAC ME



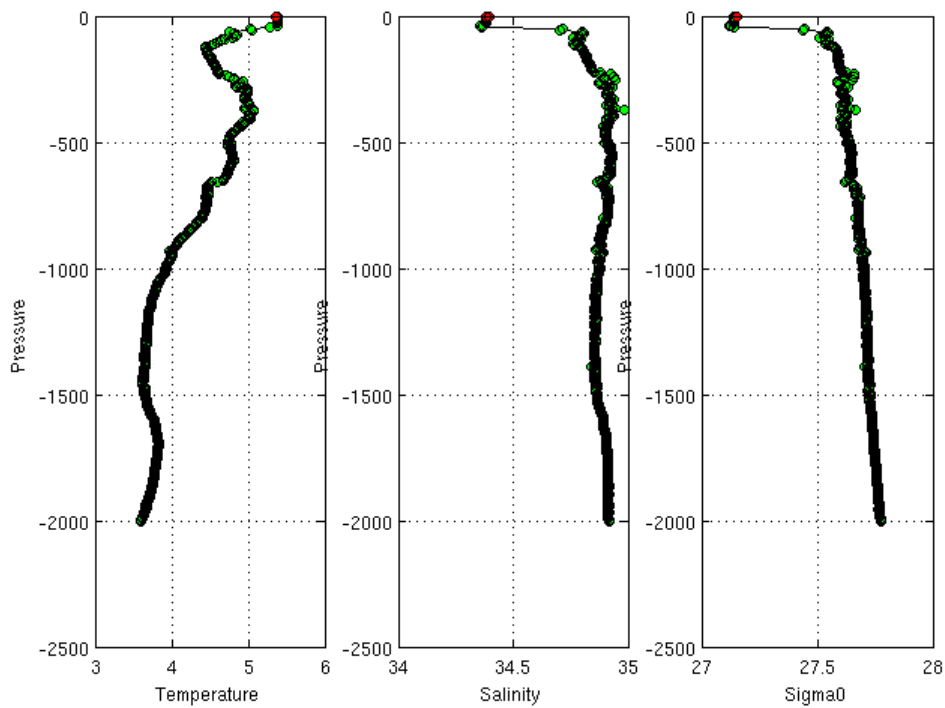
DAC_CODE,PLATFORM_CODE,CV_NUMBER,DATE_UPDATE,DIRECTION,WEB_URL,PARAMETER,START_IMMERSION,STOP_IMMERSION,OLD_QC,NEW_QC
ME,4901750,13,26/09/2013 00:00:00,A,<http://www.ifremer.fr/WC2argoFloats/station?&stationId=30686984> ,PSAL,237.5,805,1,4
ME,4901136,119,02/10/2013 00:00:00,A,<http://www.ifremer.fr/WC2argoFloats/station?&stationId=30736952> ,PSAL,,3,,3,1,4
ME,4901121,149,11/10/2013 00:00:00,A,<http://www.ifremer.fr/WC2argoFloats/station?&stationId=30852619> ,PSAL,6.6,1007.7,1,3
ME,4901200,49,21/10/2013 00:00:00,A,<http://www.ifremer.fr/WC2argoFloats/station?&stationId=30954491> ,PSAL,370.6,370.6,1,3

Example of anomalies:

Warning Objective Analysis Anomalies 2013 October TEMP PSAL : DAC ME- Float 4901121-149



Warning Objective Analysis Anomalies 2013 October TEMP PSAL : DAC ME- Float 4901200-49



10. DAC NMDIS

Profiles detected by the objective analysis: 0

Status of corrections:

Example of anomalies:

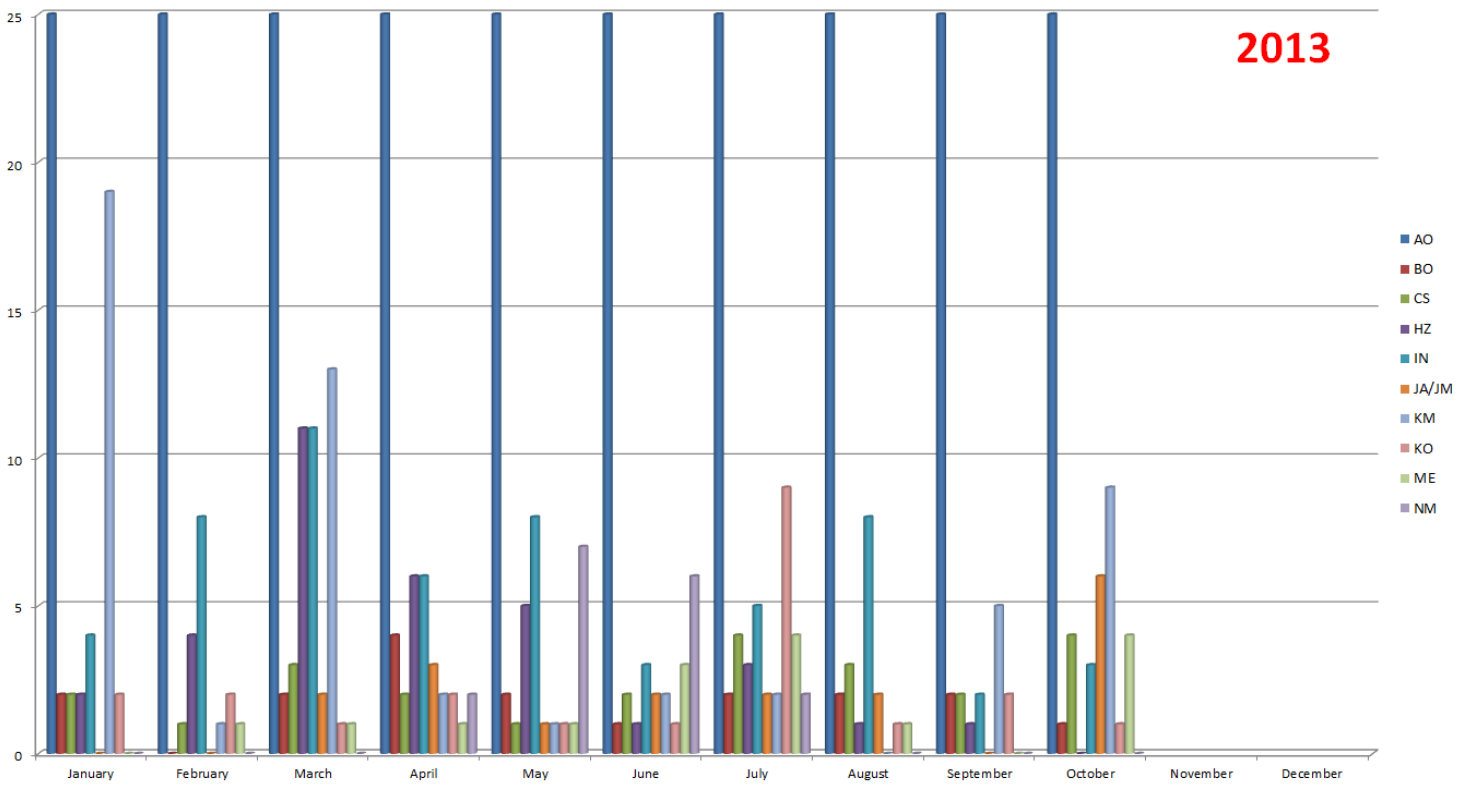
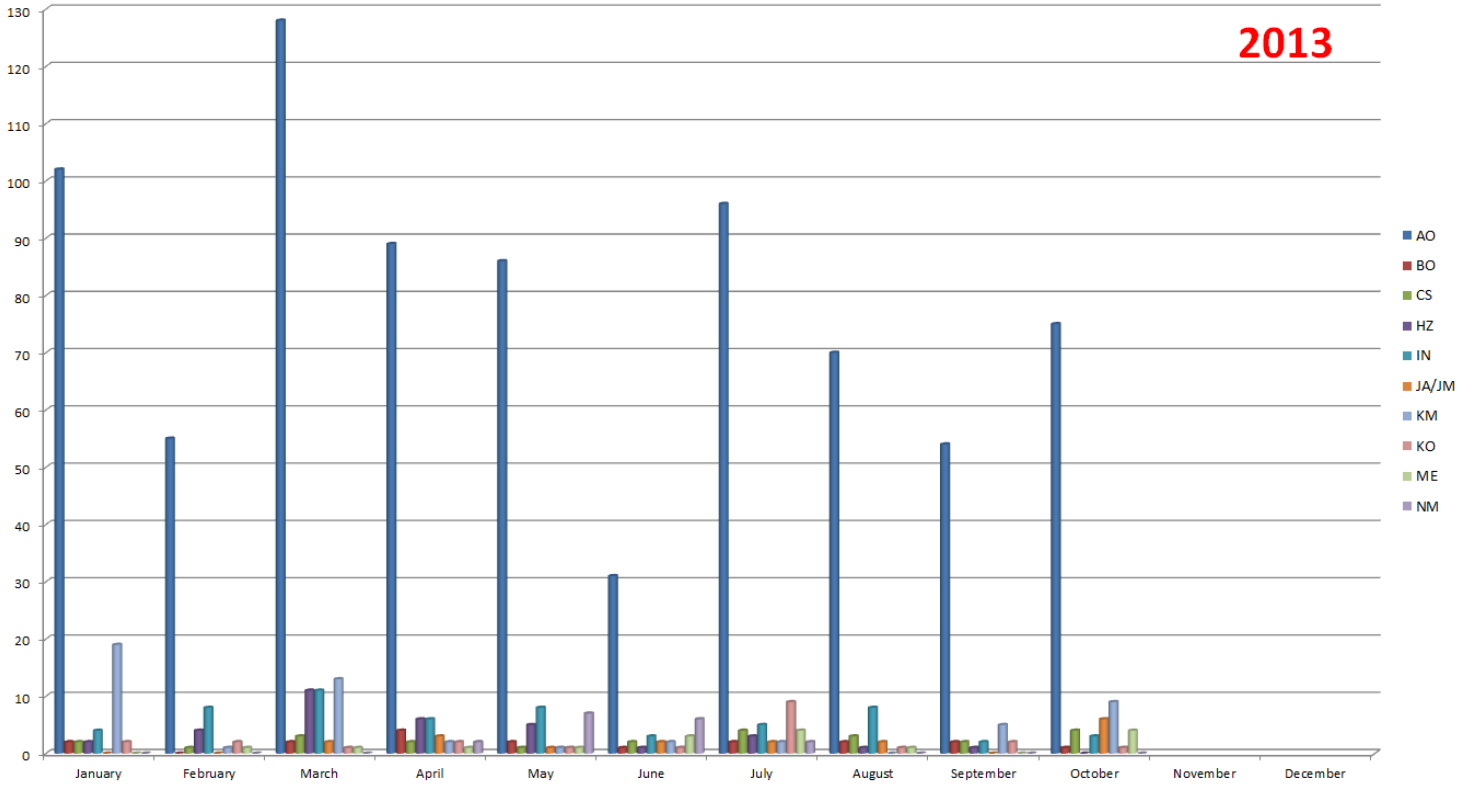
2901632 : all cycles with data_state_indicator="2C" – DM files but still R***.nc and data_mode='R'

```
netcdf R2901632_004 {  
DATA_STATE_INDICATOR = "2C " ;  
DATA_MODE = "R" ;  
PRES_ADJUSTED =  
    0.0, 6.0, 16.0, 25.0, 35.0, 45.0, 55.0, 66.0, ...  
PSAL_ADJUSTED =  
    33.927, 34.244, 34.317, 34.342, 34.515, 34.629, ...  
TEMP_ADJUSTED =  
    27.716, 26.863, 26.664, 26.225, 25.034, 23.338, ...  
SCIENTIFIC_CALIB_EQUATION =  
"none",  
"none",  
"PSAL_ADJUSTED is calculated from a conductivity multiplicative adjustment term r." ;
```


12. Statistics

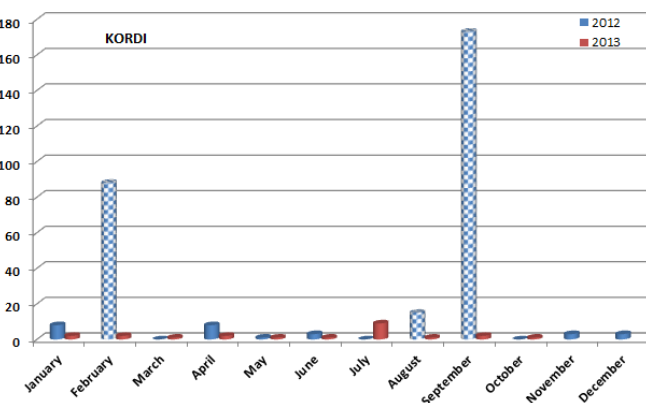
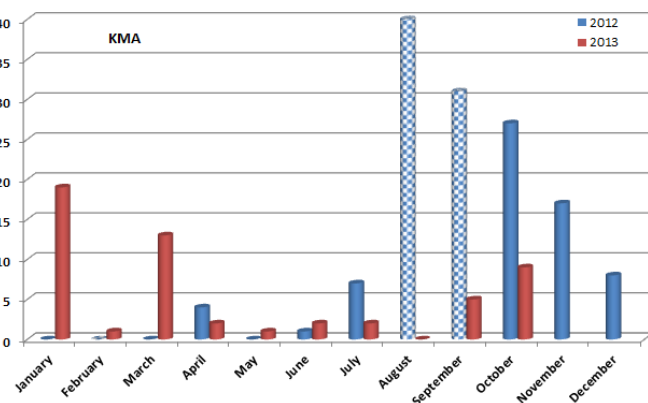
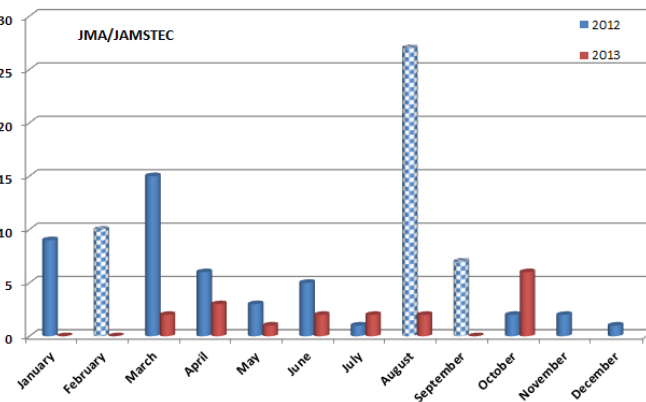
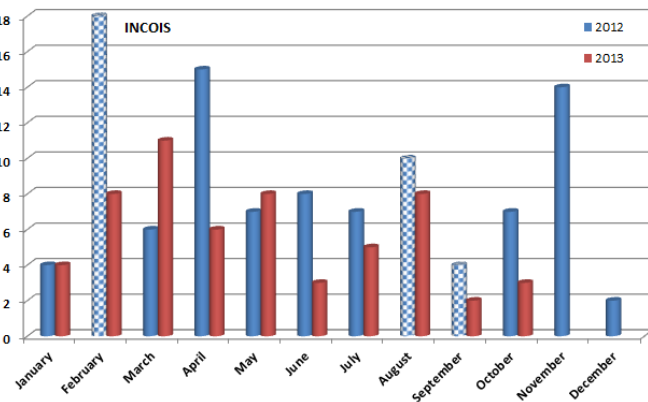
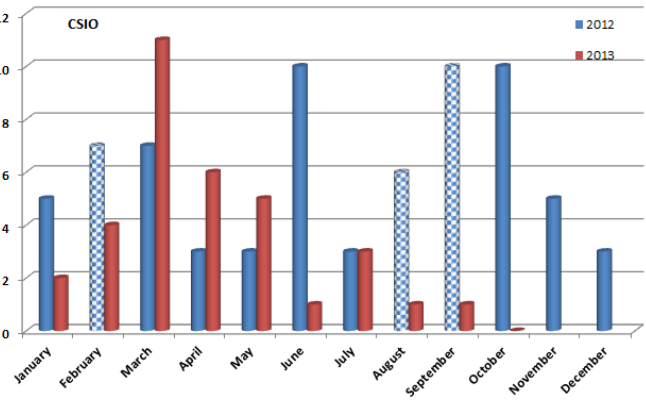
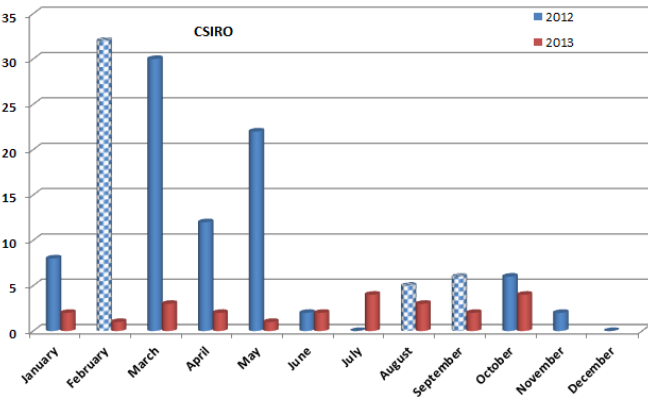
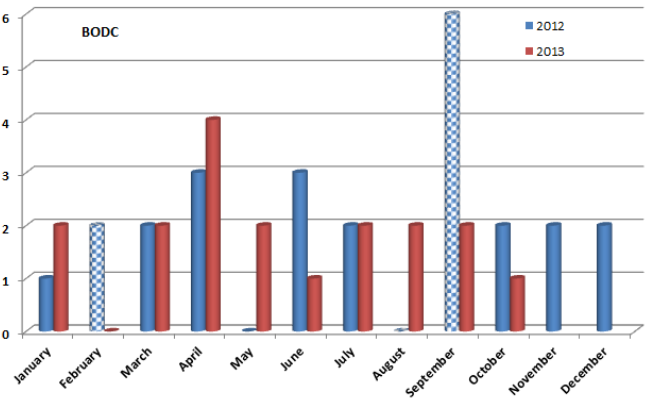
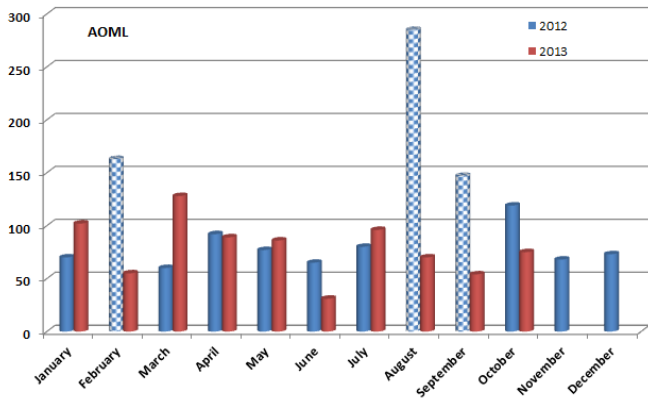
Plots showing evolution of number of anomalies by DAC.

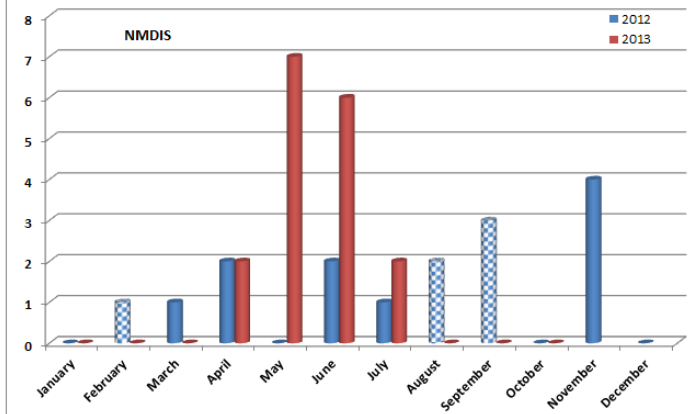
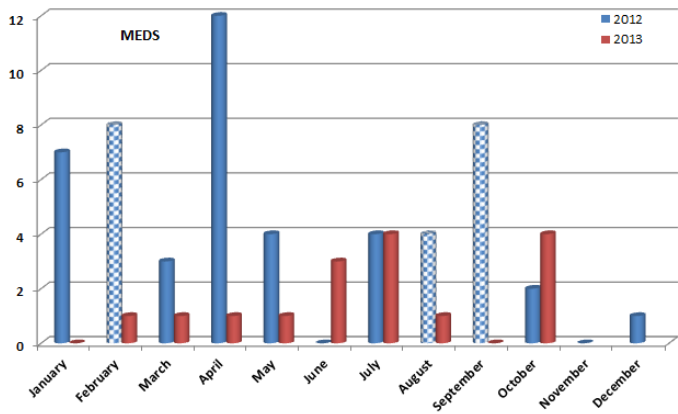
12.1. Year



Year 2013 with a zoom on range 0-25 for number of anomalies:

12.2. DAC





12.3. Anomalies by year, by month

