



Anomalies on Argo profiles

From warning objective analysis, netcdf file analysis

August 2014

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Coriolis

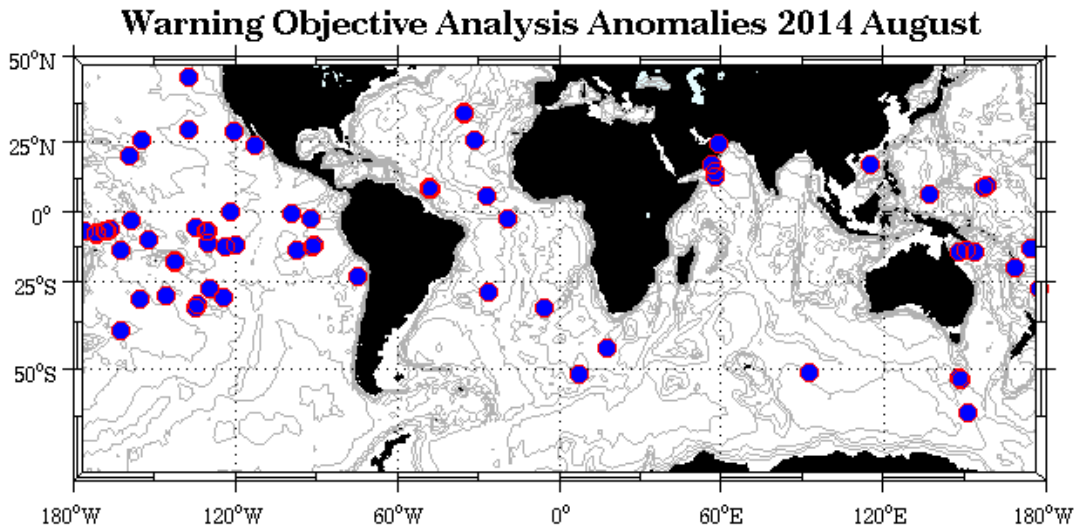
Anomalies by DAC

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1. DAC AOML

Profiles detected by the objective analysis: 81

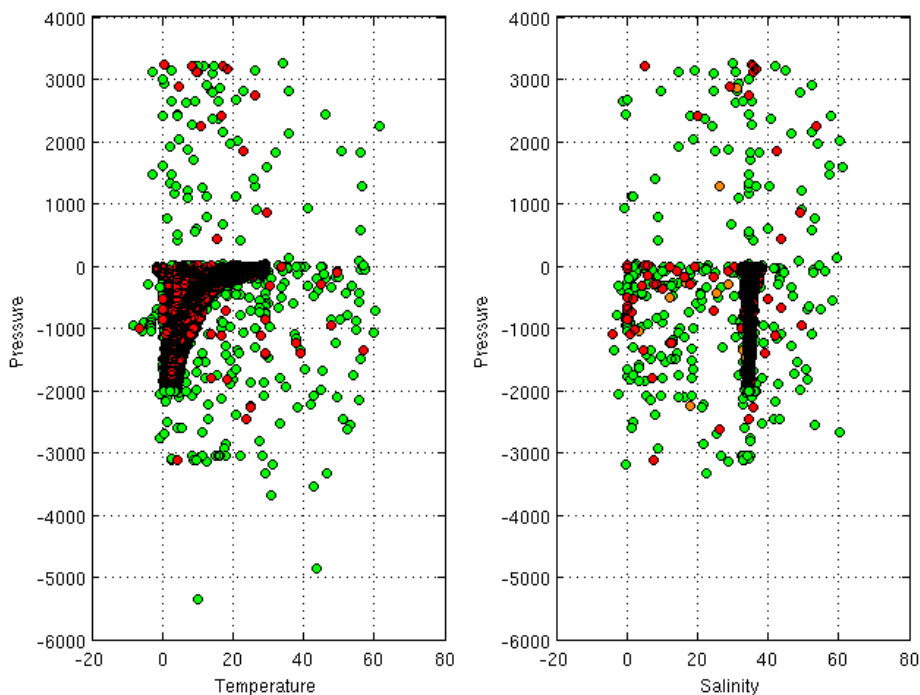


Status of corrections: Done for few profiles – still a lot of bad QC no corrected

Float : 1900976 - Cycle : 188 - PI : GREGORY C. JOHNSON - Data mode : A - INST REF : APEX_SBE_4171 - Date : 2014 8 16
Float : 1901404 - Cycle : 165 - PI : STEPHEN RISER - Data mode : A - INST REF : APEX_SBE_4382 - Date : 2014 7 28
Float : 1901404 - Cycle : 167 - PI : STEPHEN RISER - Data mode : A - INST REF : APEX_SBE_4382 - Date : 2014 8 18
Float : 1901504 - Cycle : 119 - PI : BRECK OWENS - Data mode : R - INST REF : SOLO_SBE_0966 - Date : 2014 7 30
Float : 1901504 - Cycle : 120 - PI : BRECK OWENS - Data mode : R - INST REF : SOLO_SBE_0966 - Date : 2014 8 9
Float : 1901504 - Cycle : 121 - PI : BRECK OWENS - Data mode : R - INST REF : SOLO_SBE_0966 - Date : 2014 8 19
Float : 1901548 - Cycle : 127 - PI : DEAN ROEMMICH - Data mode : R - INST REF : SOLO_SBE_2924 - Date : 2014 8 14
Float : 1901576 - Cycle : 87 - PI : BRECK OWENS - Data mode : R - INST REF : SOLO_SBE_1114 - Date : 2014 7 29
Float : 1901701 - Cycle : 21 - PI : Breck Owens, Steve Jayne, and P.E. Robbi - Data mode : R - INST REF : SOLO2IR_SBE_7204 - Date : 2014 7 30
Float : 1901711 - Cycle : 18 - PI : Breck Owens, Steve Jayne, P.E. Robbins - Data mode : R - INST REF : SOLO2IR_SBE_7184 - Date : 2014 7 26
Float : 2900835 - Cycle : 178 - PI : DR. CHARLIE HORTON - Data mode : R - INST REF : APEX_SBE_3804 - Date : 2009 9 30
Float : 2901418 - Cycle : 192 - PI : CARL SZCZECZOWSKI - Data mode : A - INST REF : APEX_SBE_5910 - Date : 2014 8 23
Float : 2901453 - Cycle : 86 - PI : CARL SZCZECZOWSKI - Data mode : A - INST REF : APEX_SBE_6254 - Date : 2014 8 9
Float : 2901453 - Cycle : 87 - PI : CARL SZCZECZOWSKI - Data mode : A - INST REF : APEX_SBE_6254 - Date : 2014 8 13
Float : 2901453 - Cycle : 88 - PI : CARL SZCZECZOWSKI - Data mode : A - INST REF : APEX_SBE_6254 - Date : 2014 8 17
Float : 2901453 - Cycle : 90 - PI : CARL SZCZECZOWSKI - Data mode : A - INST REF : - Date : 2014 8 25
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Float : 3900771 - Cycle : 105 - PI : Breck Owens - Data mode : R - INST REF : SOLOIR_SBE_1071 - Date : 2014 8 25
Float : 3900816 - Cycle : 135 - PI : DEAN ROEMMICH - Data mode : R - INST REF : SOLO_SBE_2959 - Date : 2014 8 6
Float : 3900844 - Cycle : 238 - PI : STEPHEN RISER - Data mode : A - INST REF : APEX_SBE_3102 - Date : 2014 7 25
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Float : 3901160 - Cycle : 29 - PI : DEAN ROEMMICH - Data mode : R - INST REF : SOLO2IR_SBE_8202 - Date : 2014 7 18
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Float : 4901633 - Cycle : 24 - PI : DEAN ROEMMICH - Data mode : R - INST REF : SOLO2IR_SBE_8192 - Date : 2014 7 22
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 Float : 5904325 - Cycle : 78 - PI : CARL SZCZECOWSKI - Data mode : A - INST REF : APEX_SBE_6483 - Date : 2014 8 14
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Warning Objective Analysis Anomalies 2014 August TEMP PSAL - DAC AO



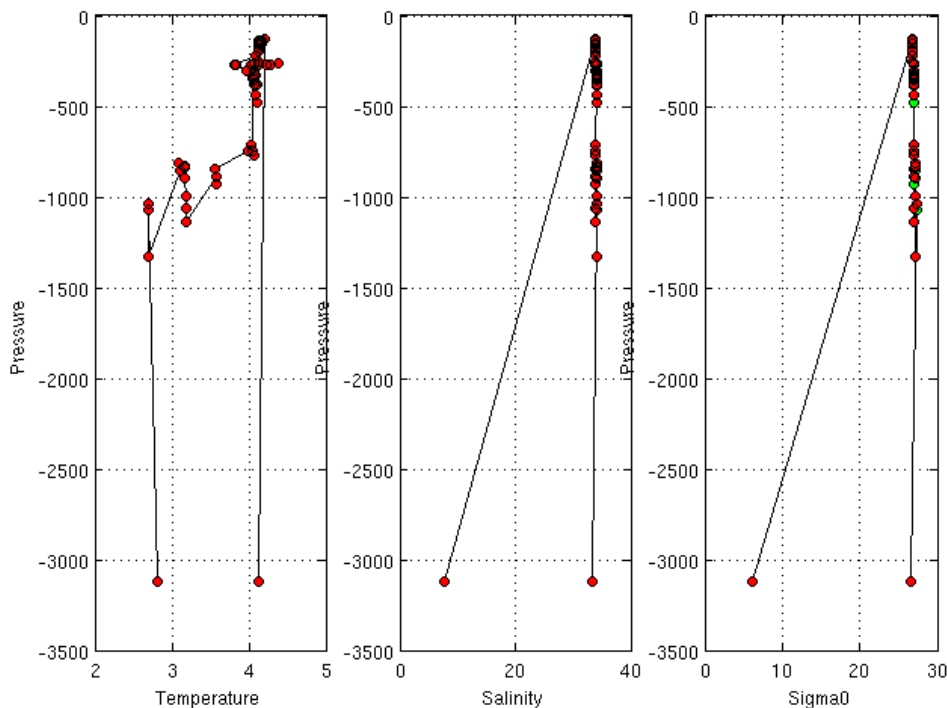
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AO,5903998,134,15/08/2014 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=33958015 ,TEMP,-1.1,1,4
AO,5903998,134,15/08/2014 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=33958015 ,PSAL,964.3,979.6,1,4
AO,5903609,183,15/08/2014 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=33971284 ,TEMP,-1.5,1,4
AO,5903609,183,15/08/2014 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=33971284 ,TEMP,960.8,978.4,1,4
AO,5904325,78,16/08/2014 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=33971449 ,PSAL,1199.2,1199.2,1,4
AO,1901548,127,16/08/2014 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=33972972 ,PSAL,87,87,1,4
AO,1901548,127,16/08/2014 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=33972972 ,PSAL,105,111,1,4
AO,1901548,127,16/08/2014 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=33972972 ,PSAL,141,261,1,4
AO,3900844,240,16/08/2014 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=33972978 ,PSAL,-509.9,-509.9,1,4
AO,3900844,240,16/08/2014 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=33972978 ,TEMP,-2369.5,-2369.5,1,4
AO,3900844,240,16/08/2014 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=33972978 ,TEMP,-408.9,7,1,4
AO,3900844,240,16/08/2014 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=33972978 ,TEMP,185.8,179.5,1,4
AO,3900844,240,16/08/2014 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=33972978 ,TEMP,1338.3,1130.1,1,4
AO,3900844,240,16/08/2014 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=33972978 ,TEMP,-509.9,-509.9,1,4
AO,3900844,240,16/08/2014 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=33972978 ,TEMP,-430.6,-430.6,1,4
AO,5901897,211,18/08/2014 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=33973480 ,TEMP,-2871.4,-2871.4,1,4
AO,5901897,211,18/08/2014 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=33973480 ,TEMP,-408.6,-408.6,1,4
AO,5901897,211,18/08/2014 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=33973480 ,TEMP,51.2,51.2,1,4
AO,5901897,211,18/08/2014 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=33973480 ,TEMP,110.3,110.3,1,4
AO,5901897,211,18/08/2014 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=33973480 ,TEMP,1290.2,208.6,1,4
AO,5901897,211,18/08/2014 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=33973480 ,TEMP,1300.1,1333.8,1,4
AO,5901897,211,18/08/2014 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=33973480 ,TEMP,1392.6,1392.6,1,4

AO,5903977,63,25/08/2014 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=34040857 ,TEMP,57.1,51.2,1,4
 AO,5903977,63,25/08/2014 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=34040857 ,TEMP,63.2,1297.4,1,4
 AO,5903977,63,25/08/2014 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=34040857 ,TEMP,316.5,316.5,1,4
 AO,5903977,63,25/08/2014 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=34040857 ,TEMP,392.3,392.3,1,4
 AO,5903977,63,25/08/2014 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=34040857 ,TEMP,442.3,442.3,1,4
 AO,5903977,63,25/08/2014 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=34040857 ,TEMP,805.4,805.4,1,4
 AO,5903977,63,25/08/2014 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=34040857 ,TEMP,1100.2,1100.2,1,4
 AO,5903977,63,25/08/2014 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=34040857 ,TEMP,2078.6,914.7,1,4
 AO,5904145,51,26/08/2014 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=34064649 ,PSAL,979.1,979.1,1,4
 AO,5902078,208,27/08/2014 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=33922514 ,TEMP,2185.7,2185.7,1,4
 AO,1901504,120,27/08/2014 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=33924810 ,TEMP,500,500,1,4
 AO,1901504,120,27/08/2014 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=33924810 ,TEMP,650,900,1,4
 AO,5904405,4,19/08/2014 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=33975903 ,TEMP,,1.,2,1,4
 AO,5904405,4,19/08/2014 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=33975903 ,TEMP,1.6,20.3,1,4
 AO,2901466,36,26/08/2014 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=34011596 ,PSAL,30.3,30.3,1,4
 AO,2901453,90,26/08/2014 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=34041088 ,PSAL,5.3,5.3,1,3
 AO,2901453,90,26/08/2014 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=34041088 ,PSAL,20.1,1198.5,1,3
 AO,3900771,105,26/08/2014 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=34064890 ,PSAL,834,846,1,4
 AO,5902216,200,29/08/2014 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=34080538 ,PSAL,90.4,134.6,1,4
 AO,5902216,200,29/08/2014 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=34080538 ,TEMP,90.4,134.6,1,4
 AO,5903986,60,19/08/2014 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=33864538 ,TEMP,2.3,2.3,1,4
 AO,5901747,232,23/08/2014 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=34028143 ,PSAL,5.1,5.1,1,4
 AO,2901418,192,24/08/2014 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=34040834 ,PSAL,15.6,15.6,1,4
 AO,2901418,192,24/08/2014 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=34040834 ,PSAL,1198.4,1198.4,1,4

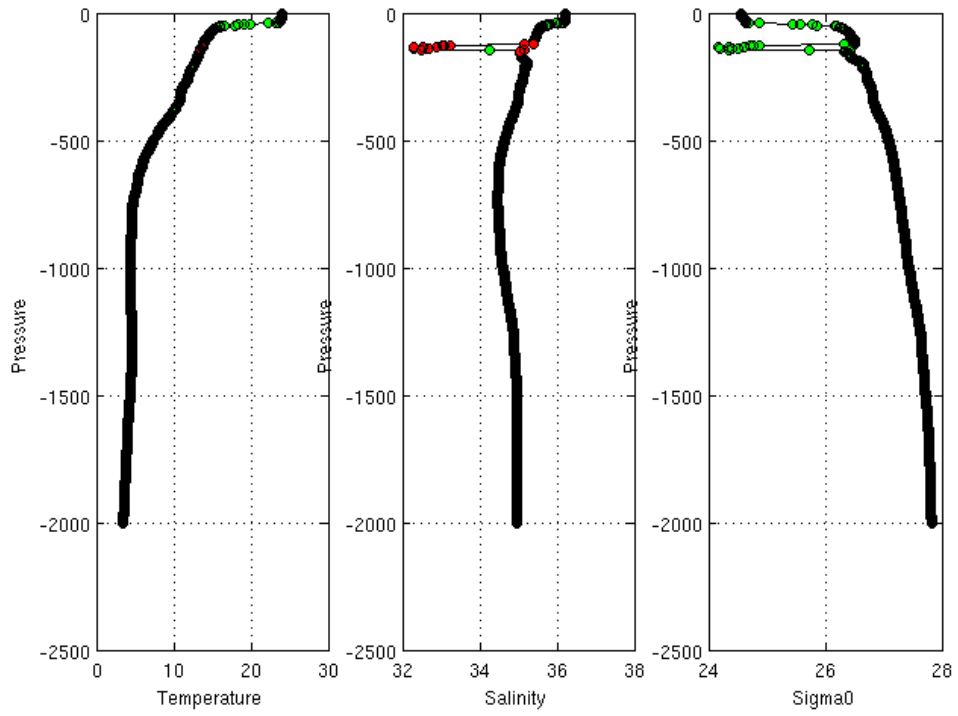
APEX to put on the grey list:

Example of corrections:

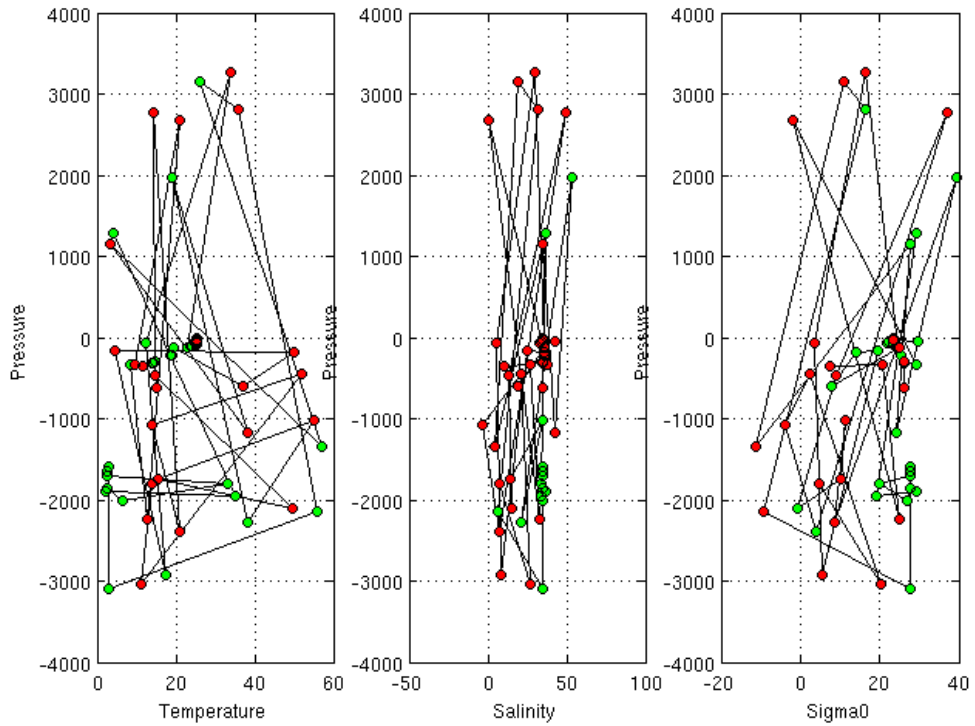
Warning Objective Analysis Anomalies 2014 August TEMP PSAL : DAC AO- Float 1900976-188



Warning Objective Analysis Anomalies 2014 August TEMP PSAL : DAC AO- Float 1901711-18



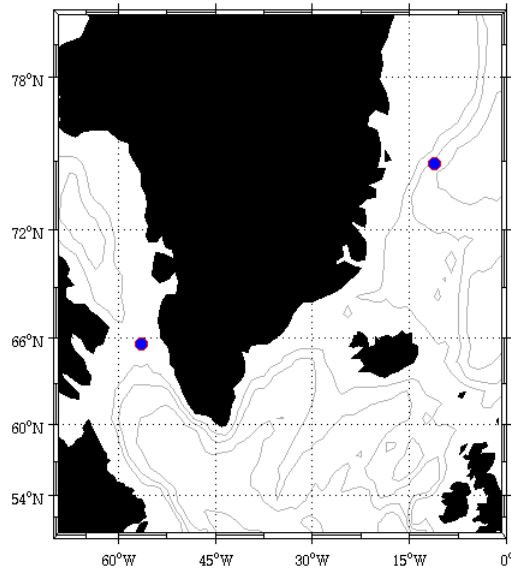
Warning Objective Analysis Anomalies 2014 August TEMP PSAL : DAC AO- Float 5901884-205



2. DAC BODC

Profiles detected by the objective analysis: 2

Warning Objective Analysis Anomalies 2014 August

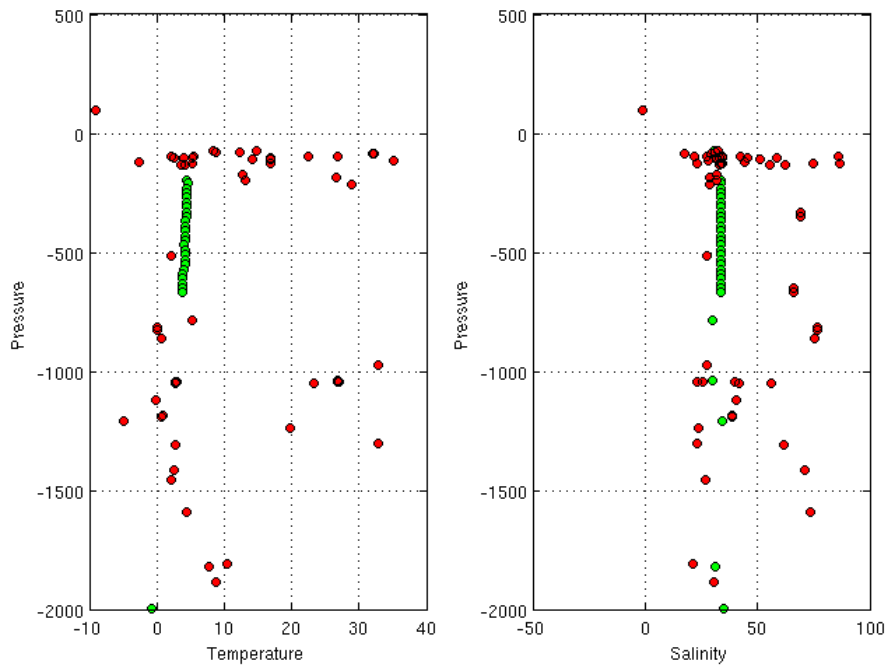


Status of corrections: Not done

Float : 6900198 - Cycle : 34 - PI : Jon Turton - Data mode : D - INST REF : MARTEC-FSI OIN-00-02-34 - Date : 2002 11 12

Float : 6901129 - Cycle : 76 - PI : Jon Turton - Data mode : A - INST REF : APEX-SBE 6229 - Date : 2014 7 25

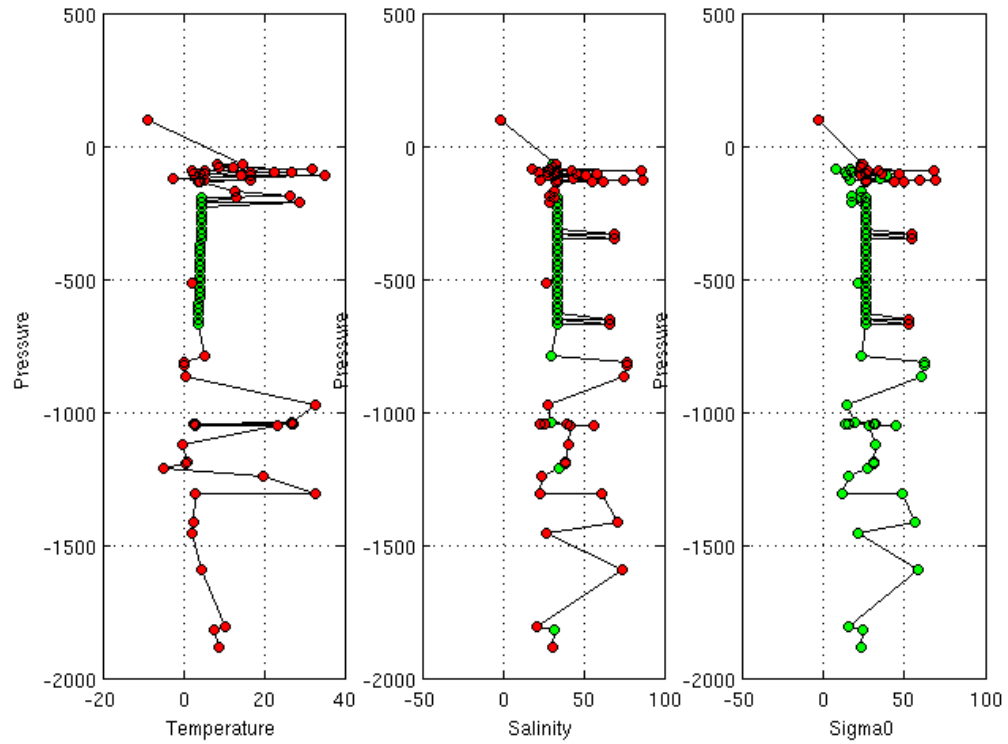
Warning Objective Analysis Anomalies 2014 August TEMP PSAL - DAC BO



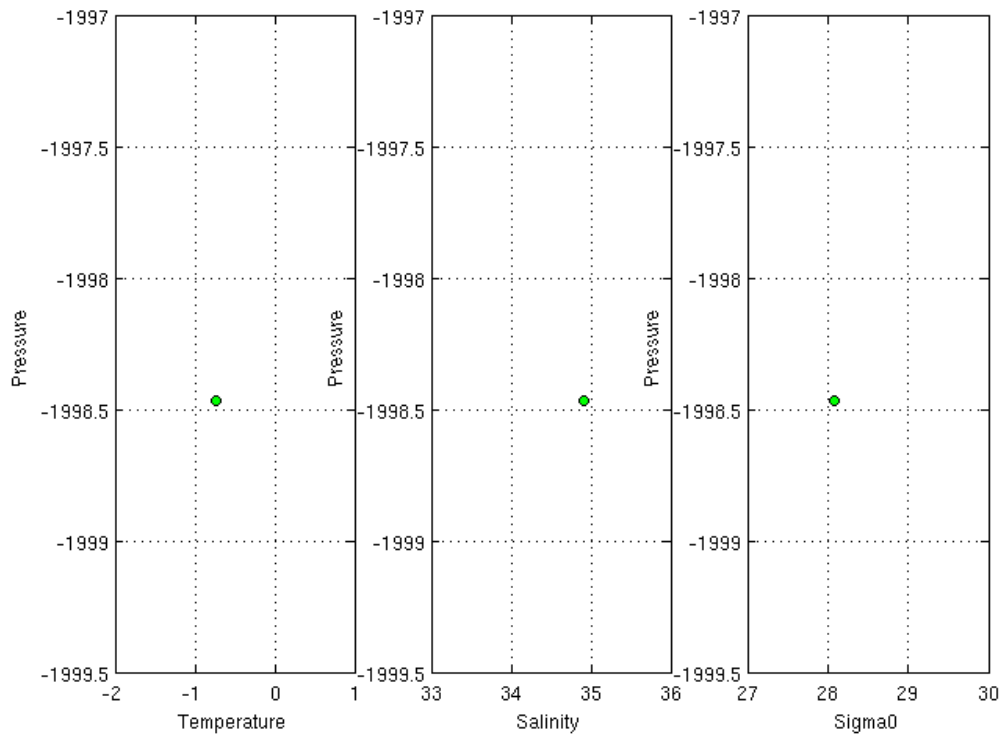
DAC_CODE,PLATFORM_CODE,CV_NUMBER,DATE_UPDATE,DIRECTION,WEB_URL,PARAMETER,START_IMMERSION,STOP_IMMERSION,OLD_QC,NEW_QC
BO,6900198,34,13/05/2010 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=351928> ,PSAL,787,787,1,3
BO,6900198,34,13/05/2010 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=351928> ,PSAL,976,1044,4,3
BO,6900198,34,13/05/2010 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=351928> ,PSAL,1194,1209,4,3
BO,6900198,34,13/05/2010 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=351928> ,PSAL,1818,1818,1,3
BO,6901129,76,05/08/2014 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=33881413> ,PSAL,1998.5,1998.5,1,4
BO,6901129,76,05/08/2014 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=33881413> ,TEMP,1998.5,1998.5,1,4

Example of corrections:

Warning Objective Analysis Anomalies 2014 August TEMP PSAL : DAC BO- Float 6900198-34

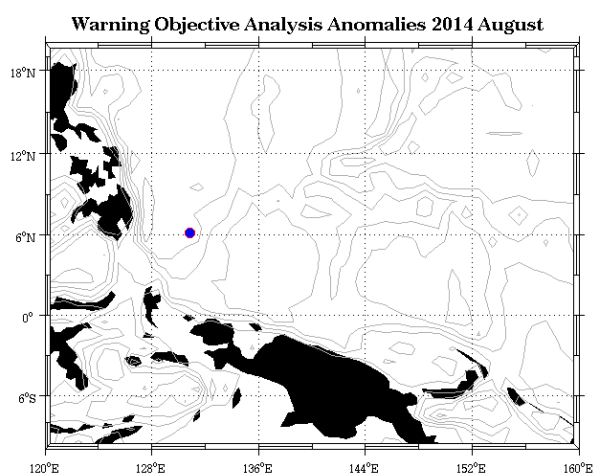


Warning Objective Analysis Anomalies 2014 August TEMP PSAL : DAC BO- Float 6901129-76



3. DAC CSIO

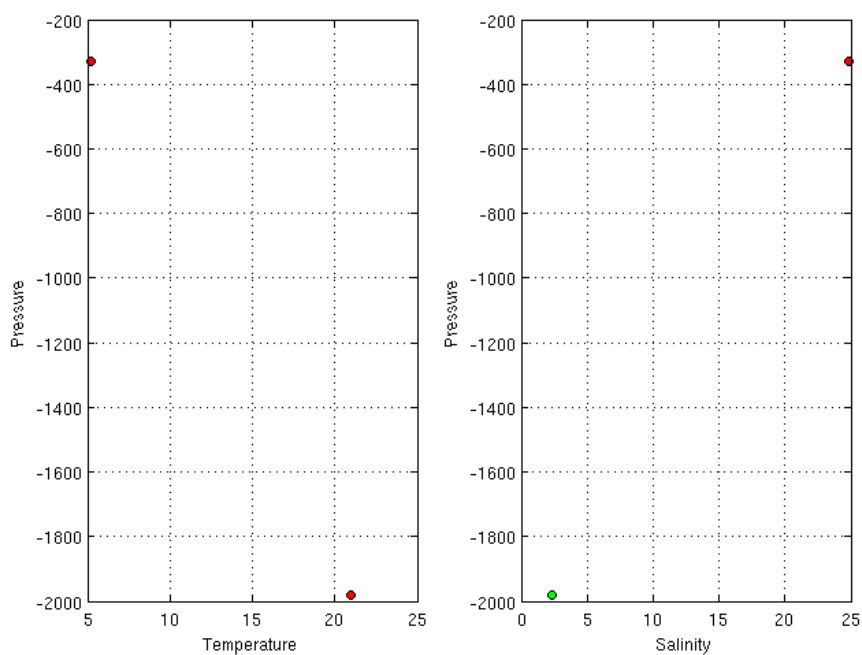
Profiles detected by the objective analysis: 1



Status of corrections: Not Done, No Feedback

Float : 2901519 - Cycle : 31 - PI : JIANPING XU - Data mode : A - INST REF : - Date : 2014 8 24

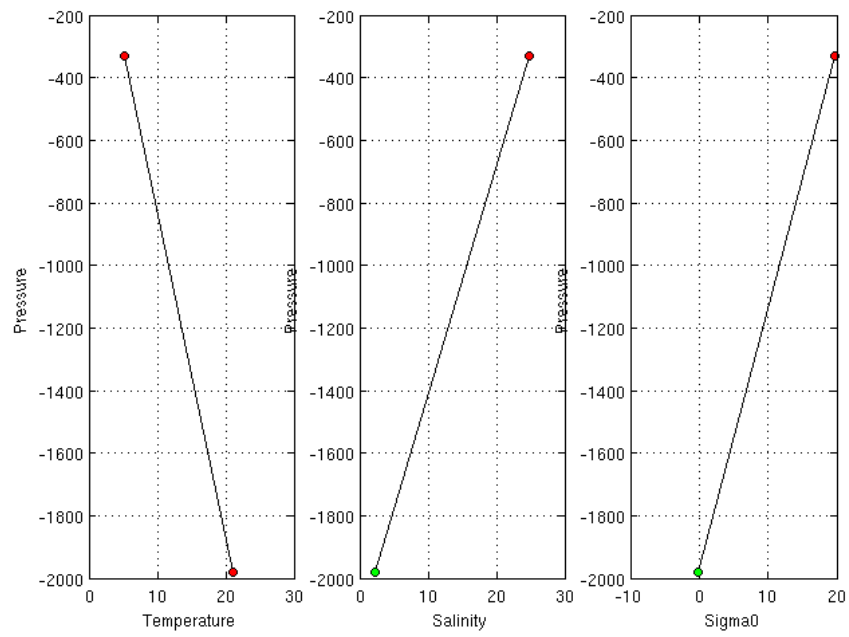
Warning Objective Analysis Anomalies 2014 August TEMP PSAL - DAC HZ



DAC_CODE,PLATFORM_CODE,CV_NUMBER,DATE_UPDATE,DIRECTION,WEB_URL,PARAMETER,START_IMMERSION,STOP_IMMERSION,OLD_QC,NEW_QC
HZ,2901519,31,24/08/2014 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=30834983> ,PSAL,1980.6,1980.6,1,4

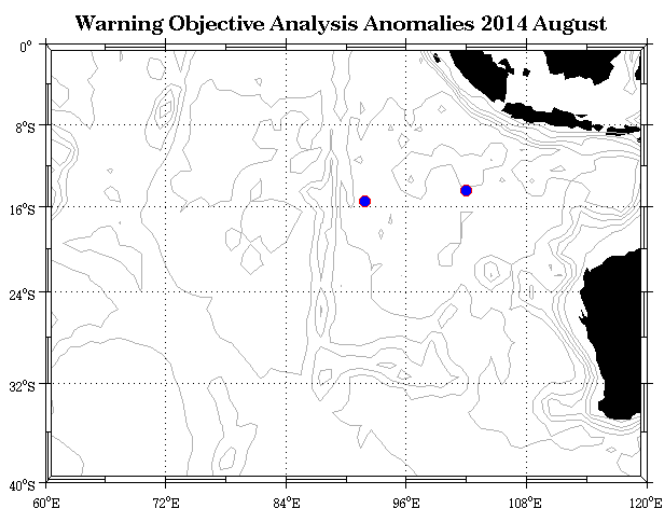
Example of corrections:

Warning Objective Analysis Anomalies 2014 August TEMP PSAL : DAC HZ- Float 2901519-31



4. DAC CSIRO

Profiles detected by the objective analysis: 2

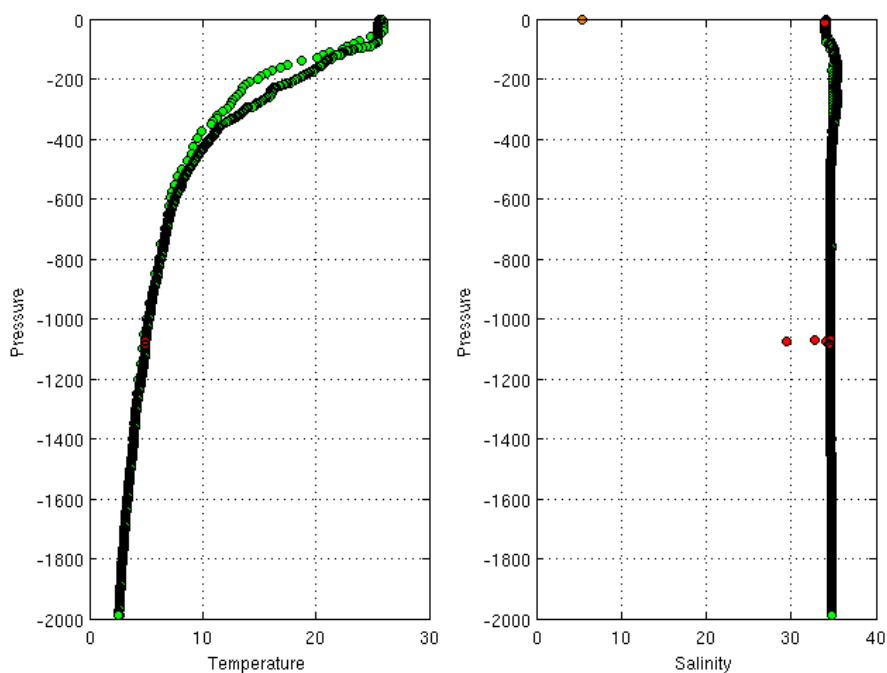


Status of corrections: DONE with feedback

Float : 5903695 - Cycle : 109 - PI : Susan Wijffels - Data mode : A - INST REF : - Date : 2014 8 13

Float : 5903914 - Cycle : 97 - PI : Susan Wijffels - Data mode : A - INST REF : - Date : 2014 7 19

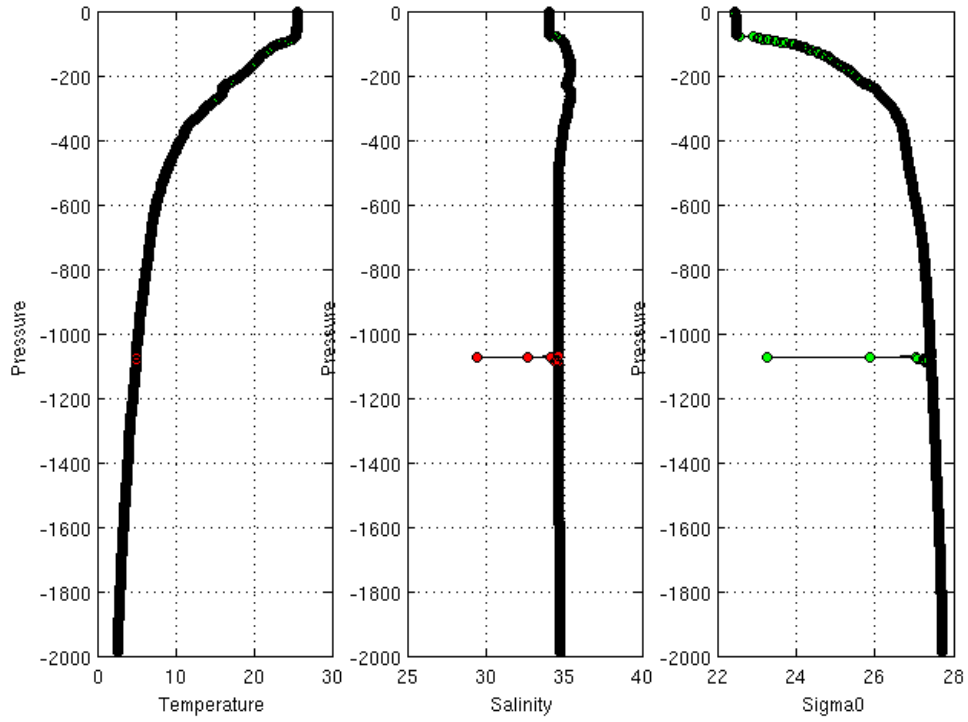
Warning Objective Analysis Anomalies 2014 August TEMP PSAL - DAC CS



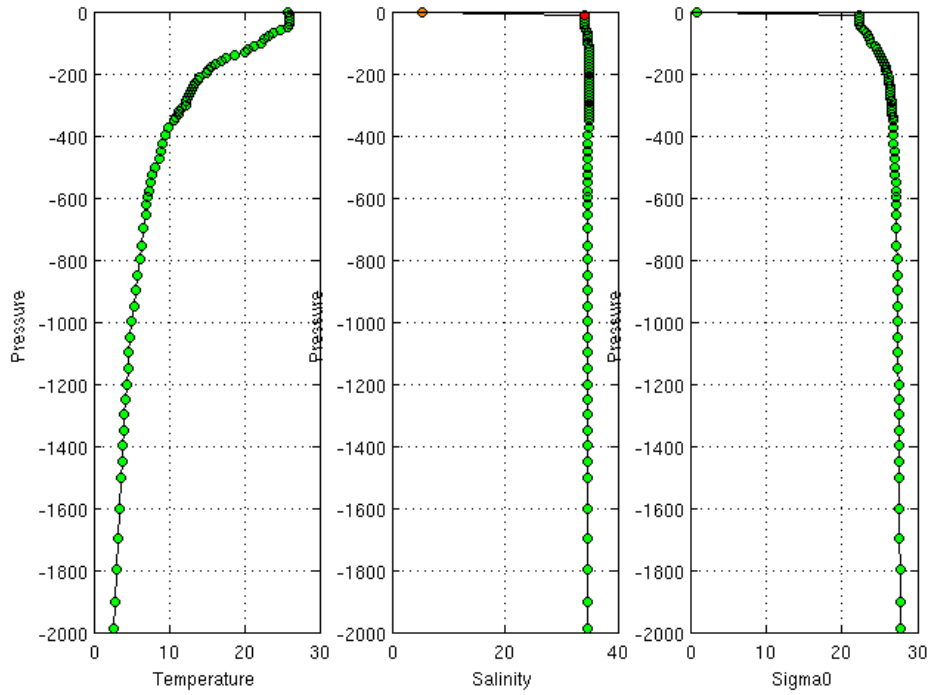
DAC_CODE,PLATFORM_CODE,CV_NUMBER,DATE_UPDATE,DIRECTION,WEB_URL,PARAMETER,START_IMMERSION,STOP_IMMERSION,OLD_QC,NEW_QC
CS,5903914,97,22/07/2014 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=33738523> ,PSAL,4.1,4.1,1,4
CS,5903695,109,19/08/2014 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=33958037> ,PSAL,1078,1082,1,4

Example of corrections:

Warning Objective Analysis Anomalies 2014 August TEMP PSAL : DAC CS- Float 5903695-109

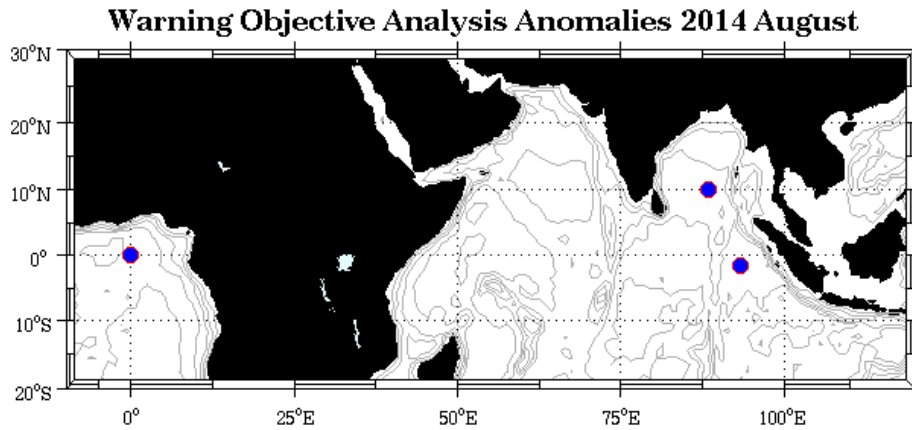


Warning Objective Analysis Anomalies 2014 August TEMP PSAL : DAC CS- Float 5903914-97



5. DAC INCOIS

Profiles detected by the objective analysis: 5

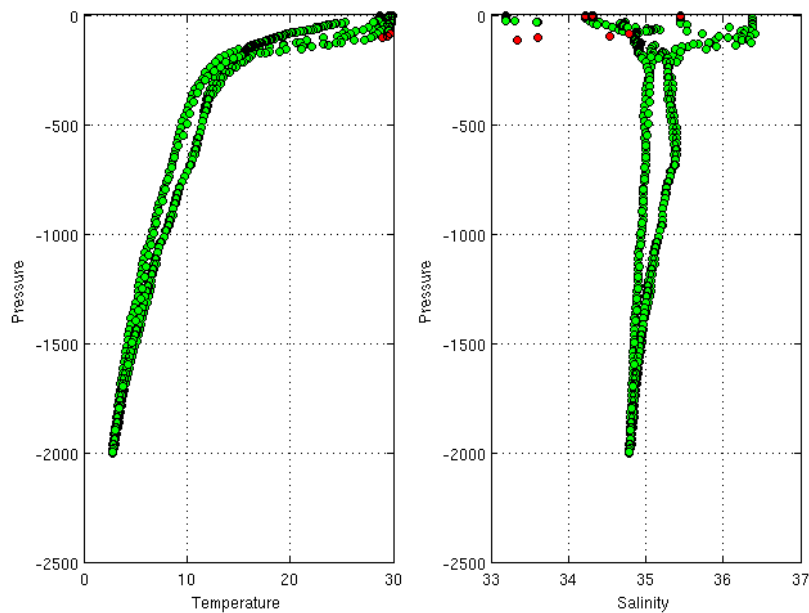


Status of corrections: Not done, no feedback

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

Float : 2901312 - Cycle : 229 - PI : M Ravichandran - Data mode : R - INST REF : - Date : 2014 8 3
Float : 2901331 - Cycle : 236 - PI : M Ravichandran - Data mode : A - INST REF : APEX-SBE 5776 - Date : 2014 7 14
Float : 2902127 - Cycle : 4 - PI : M Ravichandran - Data mode : R - INST REF : - Date : 2014 4 23
Float : 2902127 - Cycle : 9 - PI : M Ravichandran - Data mode : R - INST REF : - Date : 2014 6 12
Float : 2902127 - Cycle : 12 - PI : M Ravichandran - Data mode : R - INST REF : - Date : 2014 7 12

Warning Objective Analysis Anomalies 2014 August TEMP PSAL - DAC IN

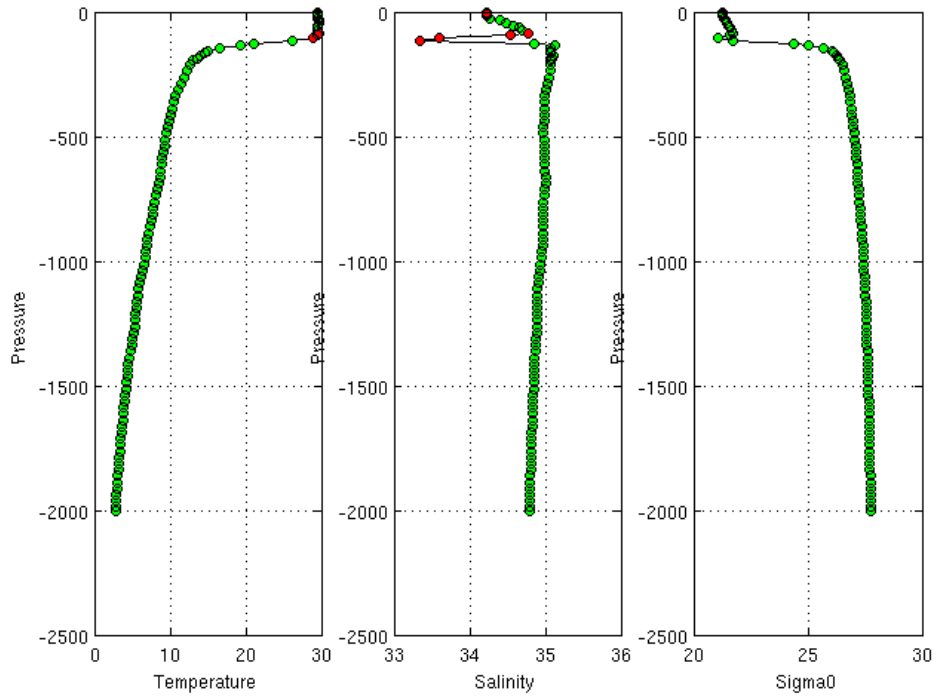


Float 2901327 : problem with the position

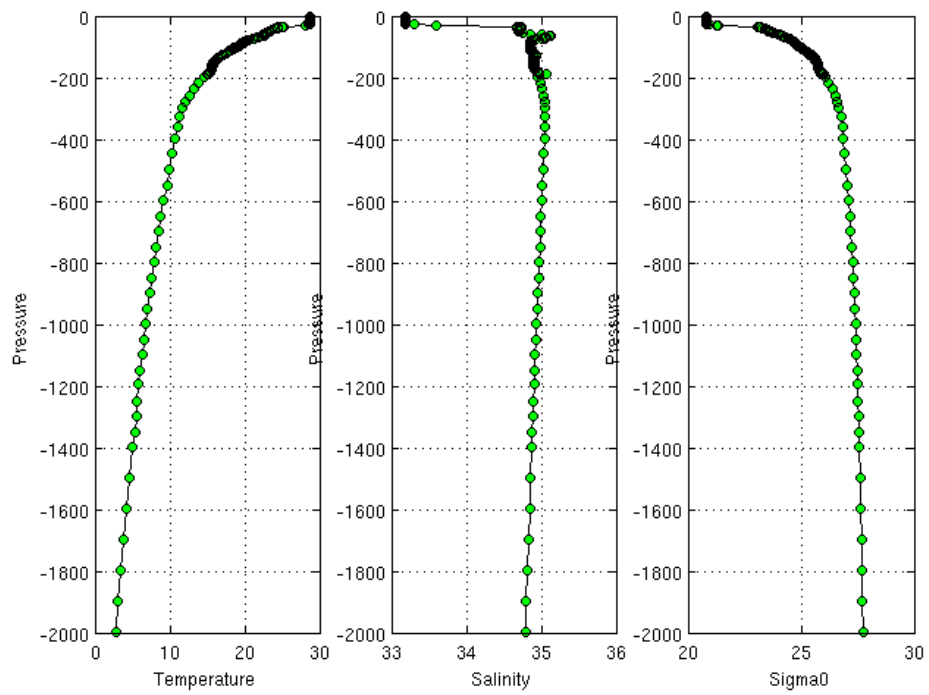
DAC_CODE,PLATFORM_CODE,CV_NUMBER,DATE_UPDATE,DIRECTION,WEB_URL,PARAMETER,START_IMMERSION,STOP_IMMERSION,OLD_QC,NEW_QC
IN,2902127,4,21/07/2014 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=32944861> ,POSS,,,1,4
IN,2902127,9,21/07/2014 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=33301624> ,POSS,,,1,4
IN,2901331,236,15/07/2014 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=33696868> ,PSAL,189.2,189.2,1,3
IN,2902127,12,21/07/2014 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=33733434> ,POSS,,,1,4
IN,2902127,12,15/08/2014 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=33733434> ,POSS,,,1,4
IN,2901312,229,20/08/2014 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=33866016> ,PSAL,116,116,1,4

Example of corrections:

Warning Objective Analysis Anomalies 2014 August TEMP PSAL : DAC IN- Float 2901312-229



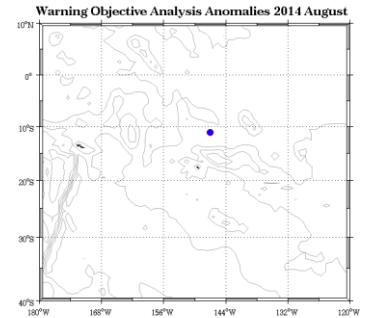
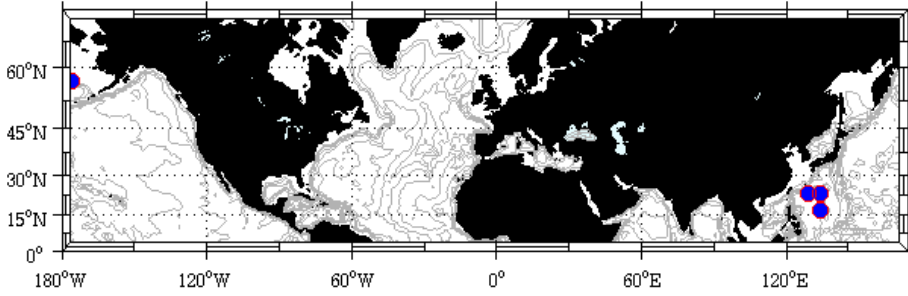
Warning Objective Analysis Anomalies 2014 August TEMP PSAL : DAC IN- Float 2901331-236



6. DAC JMA/JAMSTEC

Profiles detected by the objective analysis: 5

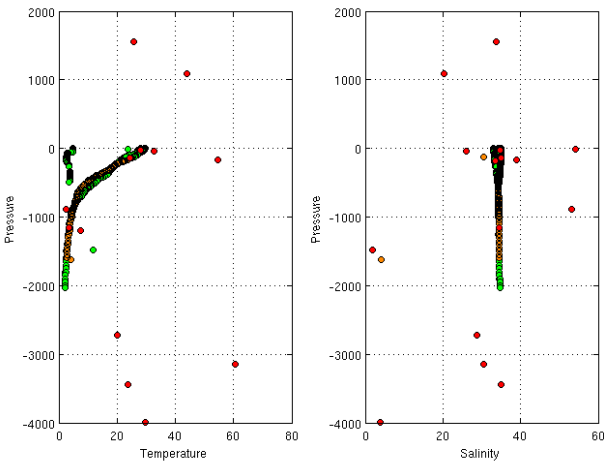
Warning Objective Analysis Anomalies 2014 August



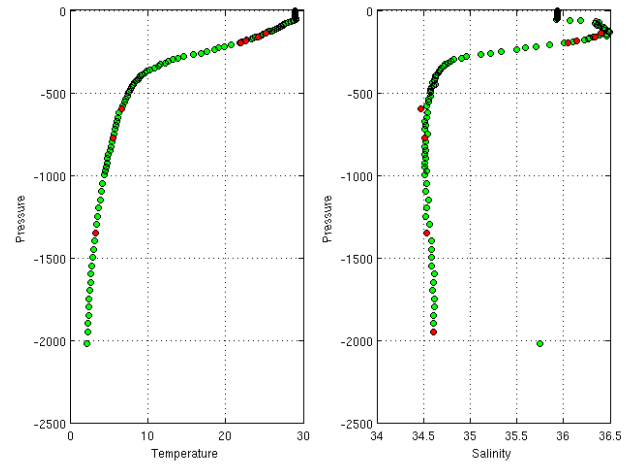
Status of corrections: Not done, no feedback

- Float : 2902384 - Cycle : 94 - PI : JMA - Data mode : A - INST REF : APEX-SBE 6337 - Date : 2014 8 7
- Float : 2902491 - Cycle : 51 - PI : JMA - Data mode : A - INST REF : APEX-SBE 6699 - Date : 2014 8 25
- Float : 4900938 - Cycle : 160 - PI : JAMSTEC - Data mode : A - INST REF : APEX-SBE 4228 - Date : 2011 11 4
- Float : 5901560 - Cycle : 15 - PI : JAMSTEC - Data mode : A - INST REF : APEX-SBE 3468 - Date : 2008 6 28
- Float : 5900490 - Cycle : 2 - PI : JAMSTEC - Data mode : D - INST REF : APEX-SBE 1087 - Date : 2004 2 19

Warning Objective Analysis Anomalies 2014 August TEMP PSAL - DAC JA



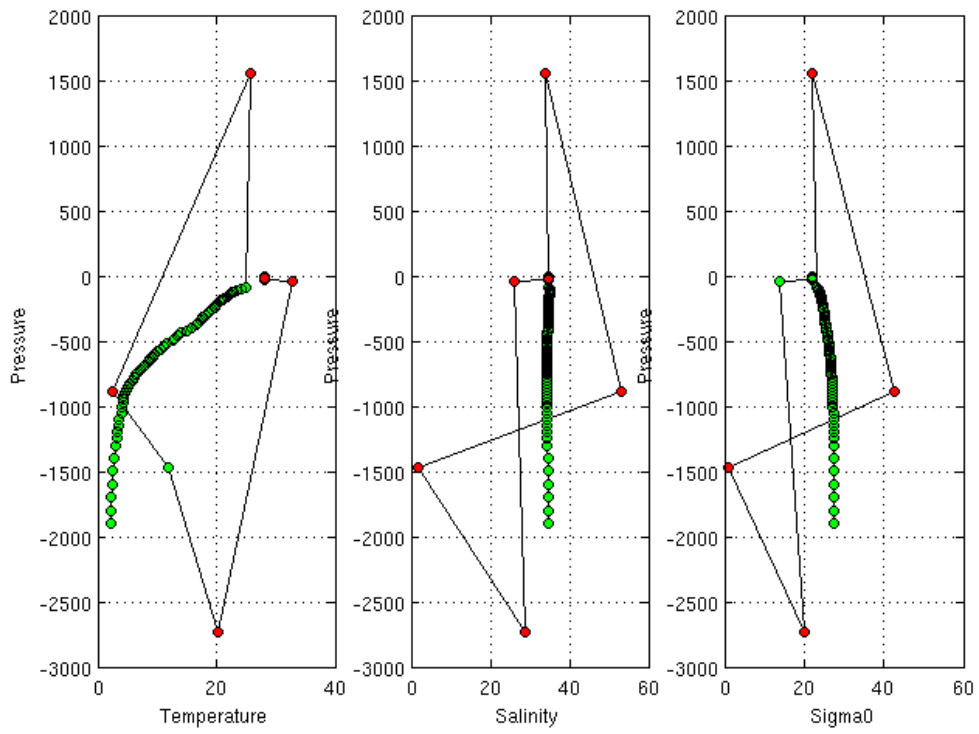
Warning Objective Analysis Anomalies 2014 August TEMP PSAL - DAC JM



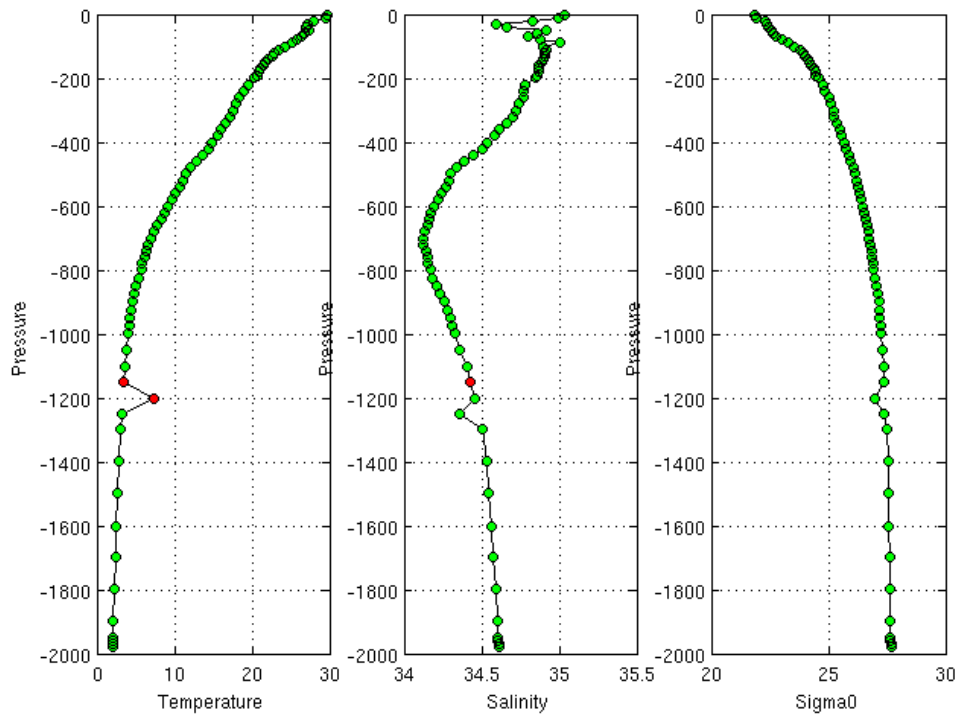
DAC_CODE,PLATFORM_CODE,CV_NUMBER,DATE_UPDATE,DIRECTION,WEB_URL,PARAMETER,START_IMMERSION,STOP_IMMERSION,OLD_QC,NEW_QC
 JA,5901560,15,14/05/2009 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=6437352> ,TEMP,18.4,18.4,1,3
 JA,4900938,160,18/04/2012 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=24727159> ,TEMP,120.2,120.2,1,1
 JA,2902384,94,10/08/2014 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=33919961> ,TEMP,1475.1,1475.1,1,4
 JA,2902491,51,26/08/2014 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=34064673> ,PSAL,1249.9,1249.9,1,4
 JM,5900490,2,06/10/2008 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=1646664> ,PSAL,2022.3,2022.3,1,3

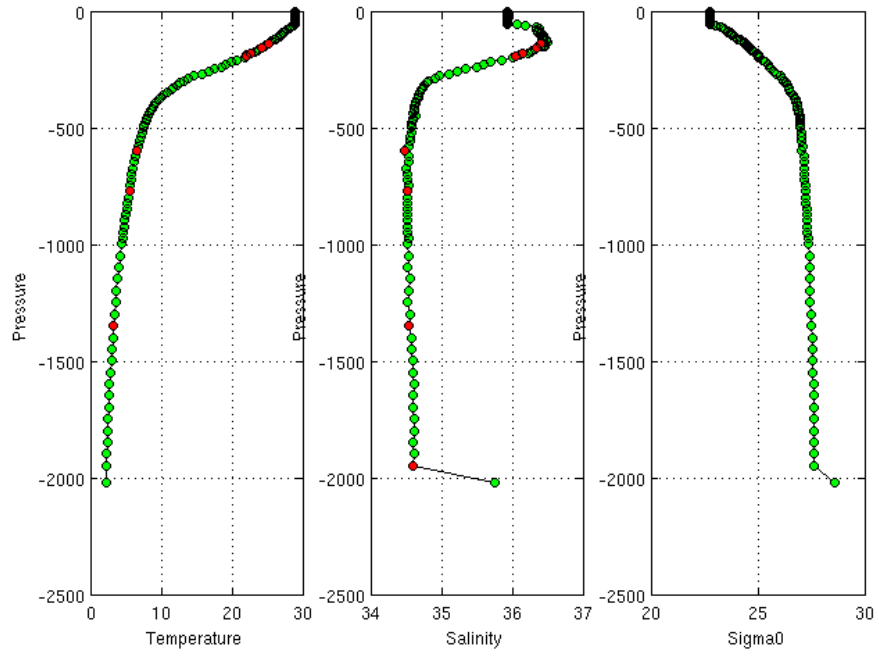
Example of anomalies:

Warning Objective Analysis Anomalies 2014 August TEMP PSAL : DAC JA- Float 2902384-94



Warning Objective Analysis Anomalies 2014 August TEMP PSAL : DAC JA- Float 2902491-51

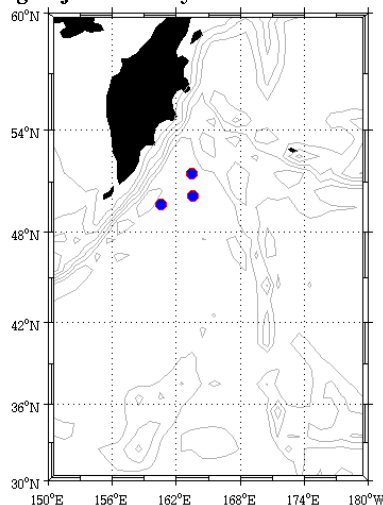




7. DAC KMA

Profiles detected by the objective analysis: 3

Warning Objective Analysis Anomalies 2014 August



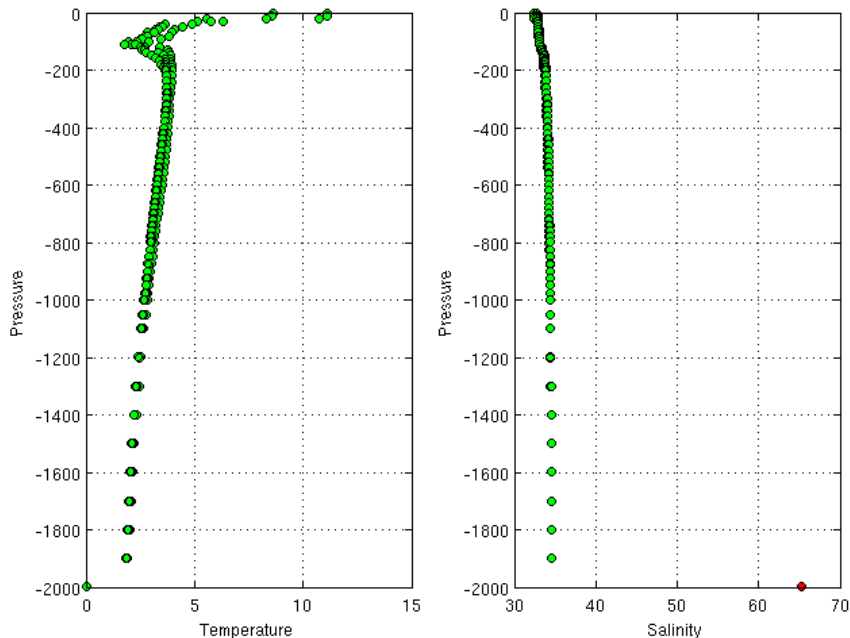
Status of corrections: NOT DONE, NO FEEDBACK

Float : 2901714 - Cycle : 36 - PI : Young-Hwa Kim - Data mode : R - INST REF : APEX Profiling Float - Date : 2014 7 30

Float : 2901715 - Cycle : 33 - PI : Young-Hwa Kim - Data mode : R - INST REF : APEX Profiling Float - Date : 2014 6 30

Float : 2901716 - Cycle : 33 - PI : Young-Hwa Kim - Data mode : R - INST REF : APEX Profiling Float - Date : 2014 6 30

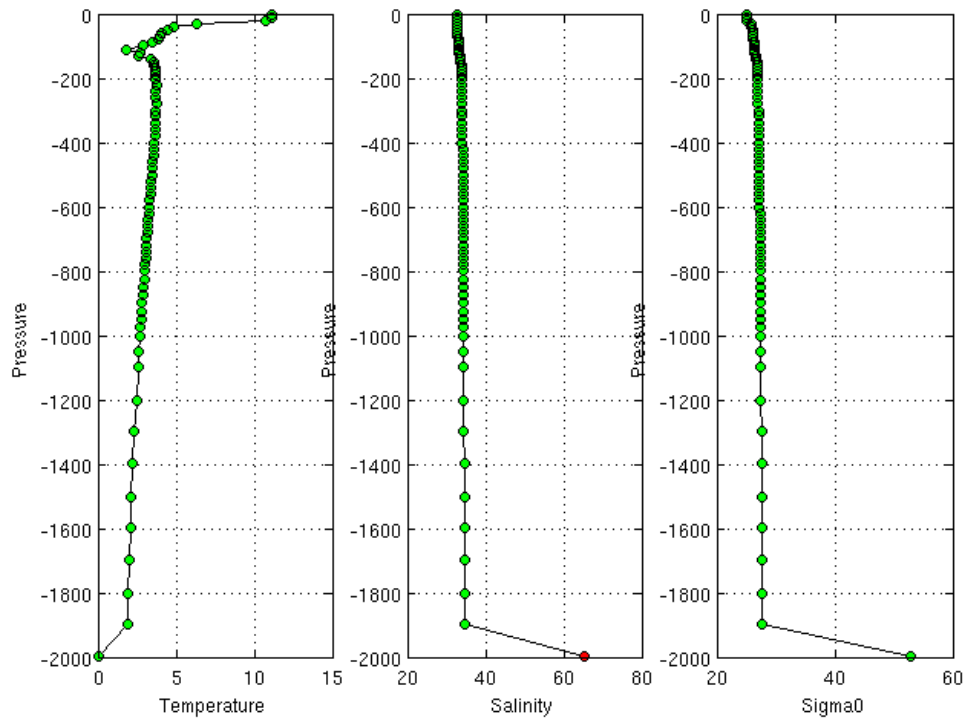
Warning Objective Analysis Anomalies 2014 August TEMP PSAL - DAC KM



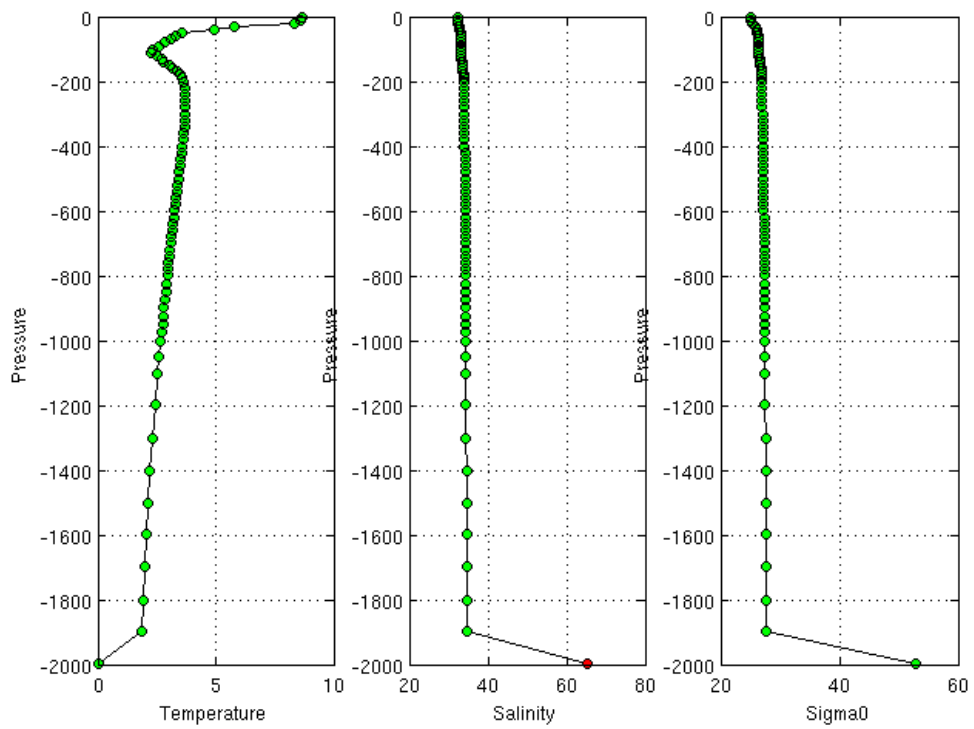
DAC_CODE,PLATFORM_CODE,CV_NUMBER,DATE_UPDATE,DIRECTION,WEB_URL,PARAMETER,START_IMMERSION,STOP_IMMERSION,OLD_QC,NEW_QC
KM,2901715,33,01/07/2014 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=33641015> ,TEMP,1997.5,1997.5,1,4
KM,2901716,33,01/07/2014 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=33641016> ,TEMP,1997.5,1997.5,1,4
KM,2901714,36,31/07/2014 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=33866984> ,TEMP,1997.5,1997.5,1,4

Example of anomalies:

Warning Objective Analysis Anomalies 2014 August TEMP PSAL : DAC KM- Float 2901714-36

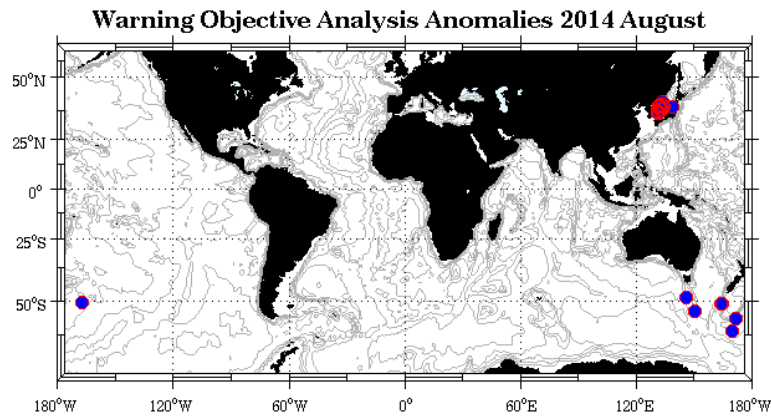


Warning Objective Analysis Anomalies 2014 August TEMP PSAL : DAC KM- Float 2901716-33



8. DAC KORDI

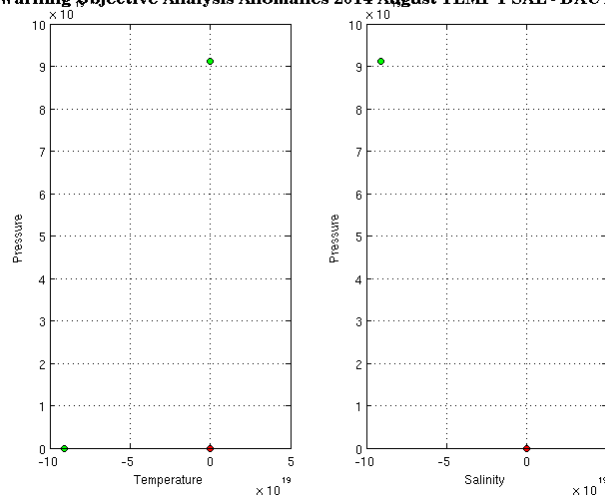
Profiles detected by the objective analysis: 26



Status of corrections: Not done, no feedback

Float : 2900202 - Cycle : 27 - PI : Moon-Sik, Suk - Data mode : R - INST REF : 260APEX - Date : 2009 7 14
 Float : 2900202 - Cycle : 174 - PI : Moon-Sik Suk - Data mode : A - INST REF : APEX-SBE 419 - Date : 2006 7 20
 Float : 2900204 - Cycle : 297 - PI : Moon-Sik Suk - Data mode : A - INST REF : APEX-SBE 421 - Date : 2009 12 5
 Float : 2900328 - Cycle : 106 - PI : Moon-Sik, Suk - Data mode : R - INST REF : PROVOR - Date : 2006 11 18
 Float : 2900443 - Cycle : 180 - PI : Moon-Sik, Suk - Data mode : R - INST REF : APEX-SBE - Date : 2005 5 19
 Float : 2900452 - Cycle : 36 - PI : Moon-Sik Suk - Data mode : A - INST REF : APEX-SBE 1540 - Date : 2005 10 3
 Float : 2900454 - Cycle : 15 - PI : Moon-Sik, Suk - Data mode : R - INST REF : PROVOR - Date : 2007 2 15
 Float : 2900454 - Cycle : 25 - PI : Moon-Sik, Suk - Data mode : R - INST REF : PROVOR - Date : 2007 5 26
 Float : 2900454 - Cycle : 27 - PI : Moon-Sik, Suk - Data mode : R - INST REF : PROVOR - Date : 2007 6 15
 Float : 2900454 - Cycle : 36 - PI : Moon-Sik, Suk - Data mode : R - INST REF : PROVOR - Date : 2007 9 13
 Float : 2900454 - Cycle : 55 - PI : Moon-Sik, Suk - Data mode : R - INST REF : PROVOR - Date : 2008 3 21
 Float : 2900454 - Cycle : 61 - PI : Moon-Sik, Suk - Data mode : R - INST REF : PROVOR - Date : 2008 5 20
 Float : 2900454 - Cycle : 84 - PI : Moon-Sik, Suk - Data mode : R - INST REF : PROVOR - Date : 2009 1 5
 Float : 2900454 - Cycle : 184 - PI : Moon-Sik, Suk - Data mode : R - INST REF : PROVOR - Date : 2007 12 22
 Float : 2900454 - Cycle : 206 - PI : Moon-Sik, Suk - Data mode : R - INST REF : PROVOR - Date : 2008 7 19
 Float : 2900606 - Cycle : 92 - PI : Moon-Sik, Suk - Data mode : R - INST REF : APEX-SBE_Do - Date : 2008 5 26
 Float : 2900921 - Cycle : 22 - PI : Moon-Sik Suk - Data mode : A - INST REF : APEX-SBE 3435 - Date : 2008 4 27
 Float : 2900922 - Cycle : 253 - PI : Moon-Sik Suk - Data mode : A - INST REF : APEX-SBE 3436 - Date : 2014 8 14
 Float : 2901210 - Cycle : 214 - PI : Moon-Sik Suk - Data mode : A - INST REF : APEX-SBE 4113 - Date : 2014 8 22
 Float : 5900473 - Cycle : 19 - PI : Moon-Sik, Suk - Data mode : R - INST REF : PROVOR - Date : 2004 7 5
 Float : 5900473 - Cycle : 35 - PI : Moon-Sik, Suk - Data mode : R - INST REF : PROVOR - Date : 2004 12 12
 Float : 5900691 - Cycle : 104 - PI : Moon-Sik, Suk - Data mode : R - INST REF : PROVOR - Date : 2007 8 29
 Float : 5900692 - Cycle : 22 - PI : Moon-Sik, Suk - Data mode : R - INST REF : PROVOR - Date : 2005 5 27
 Float : 7900119 - Cycle : 5 - PI : Moon-Sik, Suk - Data mode : R - INST REF : PROVOR - Date : 2006 11 25
 Float : 7900119 - Cycle : 56 - PI : Moon-Sik, Suk - Data mode : R - INST REF : PROVOR - Date : 2008 4 18
 Float : 7900119 - Cycle : 69 - PI : Moon-Sik, Suk - Data mode : R - INST REF : PROVOR - Date : 2008 9 5

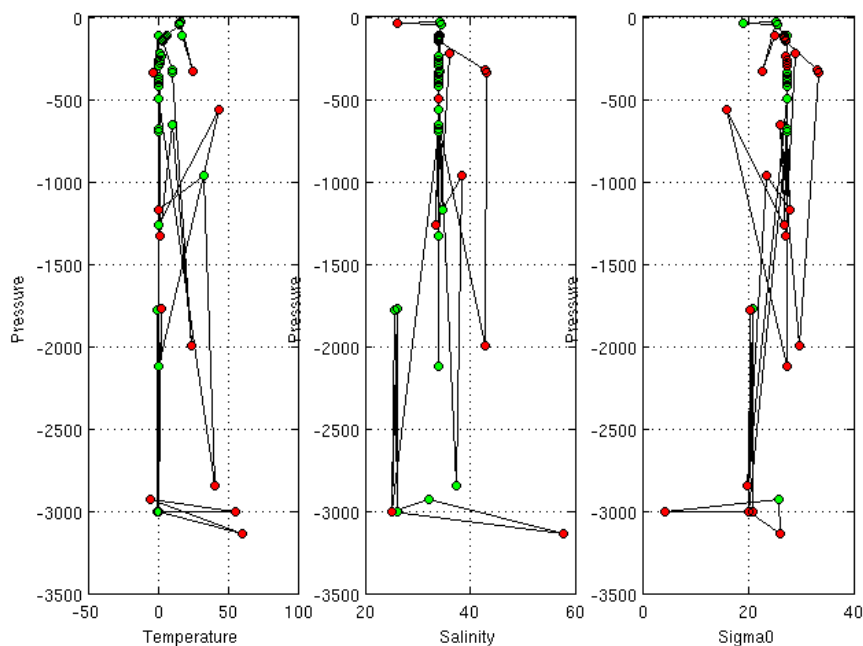
Warning Objective Analysis Anomalies 2014 August TEMP PSAL - DAC KO



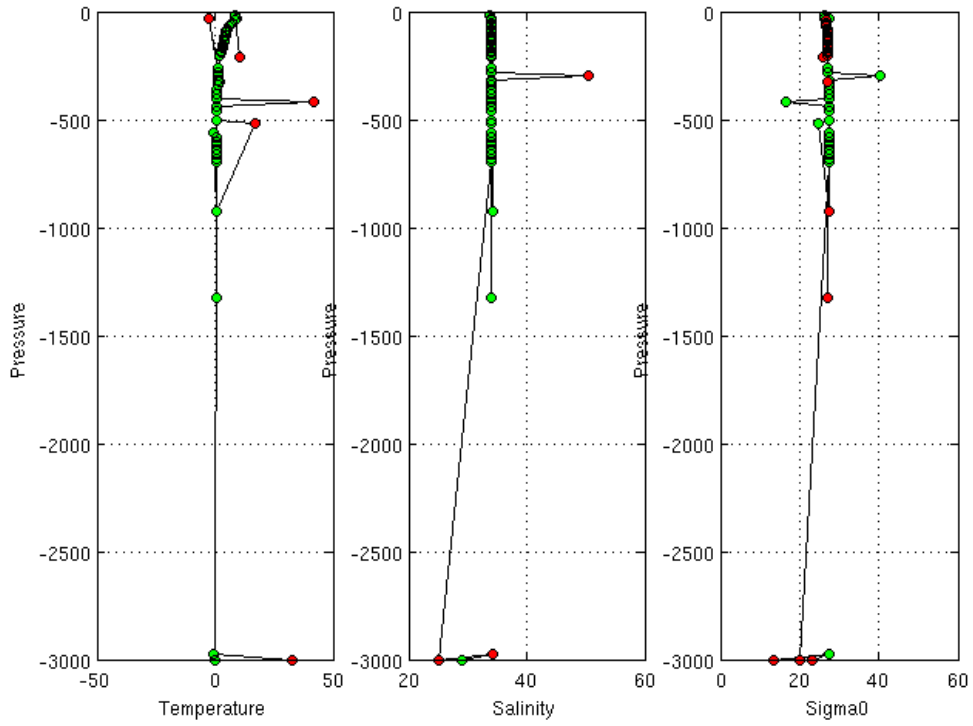
KO,2900454,206,02/07/2009 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=27542535 ,PSAL,2205.6,2205.6,1,3
 KO,2900454,206,02/07/2009 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=27542535 ,PSAL,2894.4,2894.4,1,3
 KO,2900454,206,02/07/2009 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=27542535 ,TEMP,175.3,175.3,1,3
 KO,2900454,206,02/07/2009 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=27542535 ,TEMP,427.7,427.7,1,3
 KO,2900454,206,02/07/2009 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=27542535 ,TEMP,709.9,709.9,1,3
 KO,2900454,206,02/07/2009 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=27542535 ,TEMP,1205.4,1205.4,1,3
 KO,2900454,206,02/07/2009 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=27542535 ,TEMP,1382.6,2696.1,4,3
 KO,2900454,206,02/07/2009 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=27542535 ,TEMP,1977.6,1977.6,1,3
 KO,2900454,206,02/07/2009 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=27542535 ,TEMP,2205.6,2205.6,1,3
 KO,2900454,206,02/07/2009 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=27542535 ,TEMP,2874.8,2874.8,1,3
 KO,2900454,206,02/07/2009 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=27542535 ,TEMP,3000,3000,4,3
 KO,2900606,92,03/07/2009 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=27542538 ,TEMP,-9123000000000000000,-9123000000000000000,1,
 KO,7900119,5,02/07/2009 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=27542571 ,PSAL,6,6,4,1
 KO,7900119,5,02/07/2009 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=27542571 ,PSAL,588,588,1,4
 KO,7900119,5,02/07/2009 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=27542571 ,PSAL,2040,2035,4,3
 KO,7900119,5,02/07/2009 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=27542571 ,TEMP,6,-50,4,1
 KO,7900119,5,02/07/2009 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=27542571 ,TEMP,588,588,1,4
 KO,7900119,5,02/07/2009 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=27542571 ,TEMP,1743,1743,1,3
 KO,7900119,5,02/07/2009 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=27542571 ,TEMP,1984,1984,1,3
 KO,7900119,5,02/07/2009 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=27542571 ,TEMP,2037,2013,4,3
 KO,7900119,5,02/07/2009 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=27542571 ,TEMP,2047,2047,1,3
 KO,7900119,56,02/07/2009 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=27542622 ,PSAL,338,338,1,4
 KO,7900119,56,02/07/2009 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=27542622 ,PSAL,383,343,4,3
 KO,7900119,56,02/07/2009 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=27542622 ,TEMP,25,25,1,3
 KO,7900119,56,02/07/2009 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=27542622 ,TEMP,147,147,1,3
 KO,7900119,56,02/07/2009 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=27542622 ,TEMP,185,185,1,3
 KO,7900119,56,02/07/2009 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=27542622 ,TEMP,208,208,1,3
 KO,7900119,56,02/07/2009 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=27542622 ,TEMP,338,338,1,1
 KO,7900119,56,02/07/2009 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=27542622 ,TEMP,343,343,4,3
 KO,7900119,56,02/07/2009 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=27542622 ,TEMP,490,490,1,3
 KO,7900119,56,02/07/2009 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=27542622 ,TEMP,1731,1731,1,3
 KO,7900119,69,03/07/2009 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=27542635 ,PSAL,788,788,4,1
 KO,2900922,253,18/08/2014 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=33973452 ,PSAL,679.4,679.4,1,4
 KO,2900922,253,18/08/2014 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=33973452 ,TEMP,679.4,679.4,1,4
 KO,2901210,214,25/08/2014 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=34036401 ,PSAL,595.9,595.9,1,4

Example of anomalies:

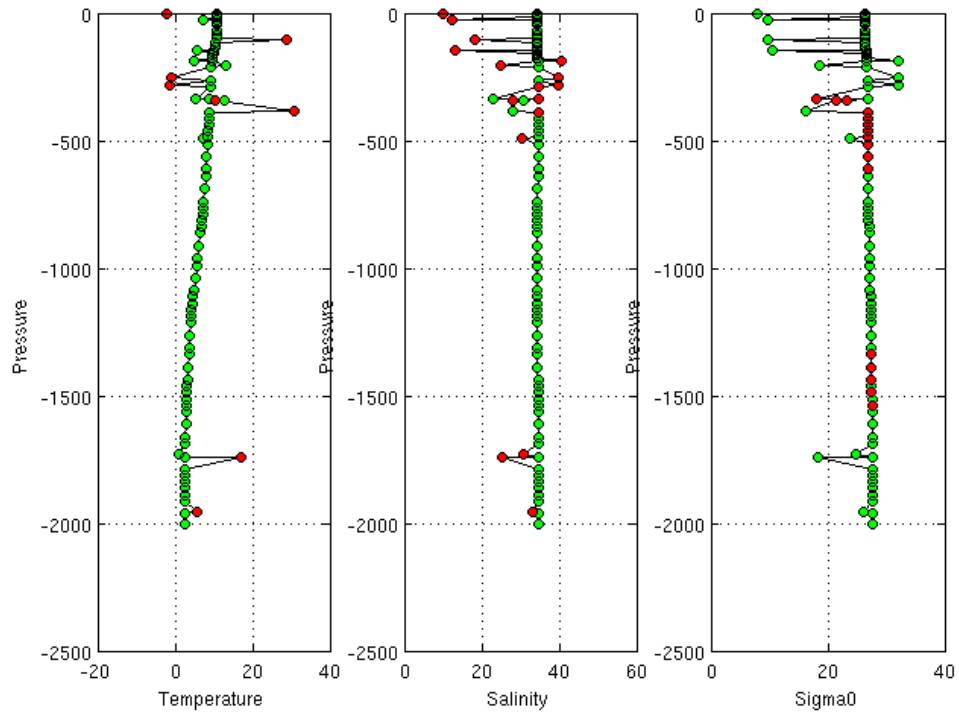
Warning Objective Analysis Anomalies 2014 August TEMP PSAL : DAC KO- Float 2900454-25



Warning Objective Analysis Anomalies 2014 August TEMP PSAL : DAC KO- Float 2900454-61



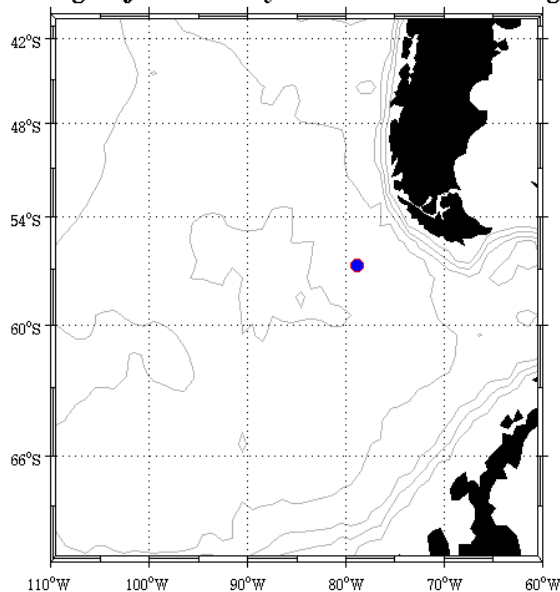
Warning Objective Analysis Anomalies 2014 August TEMP PSAL : DAC KO- Float 7900119-56



9. DAC MEDS

Profiles detected by the objective analysis: 1

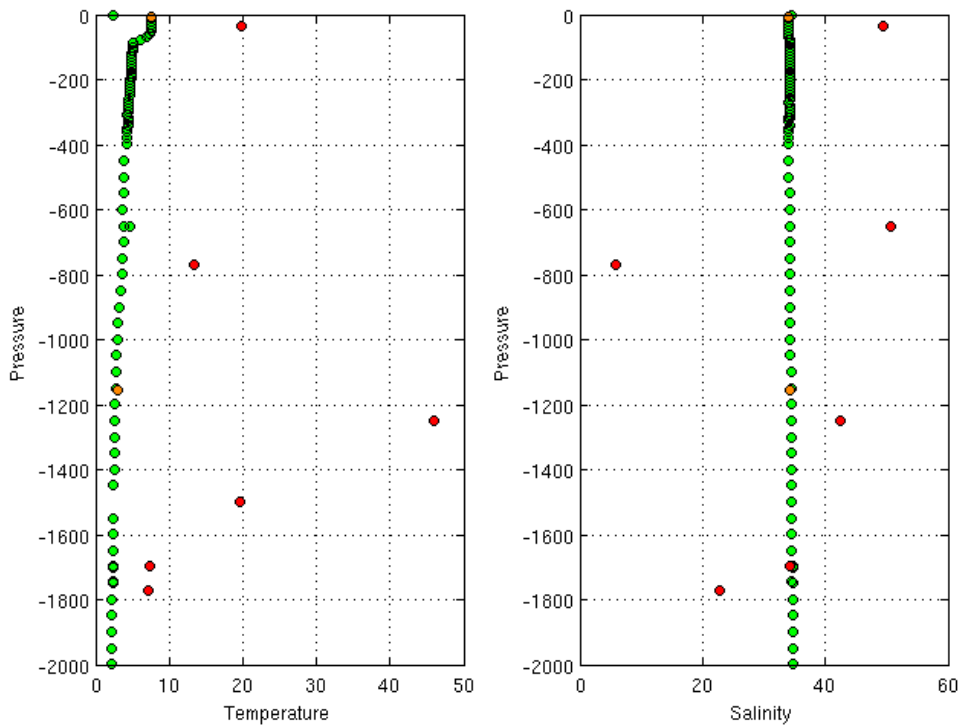
Warning Objective Analysis Anomalies 2014 August



Status of corrections: NOT DONE, NO FEEDBACK

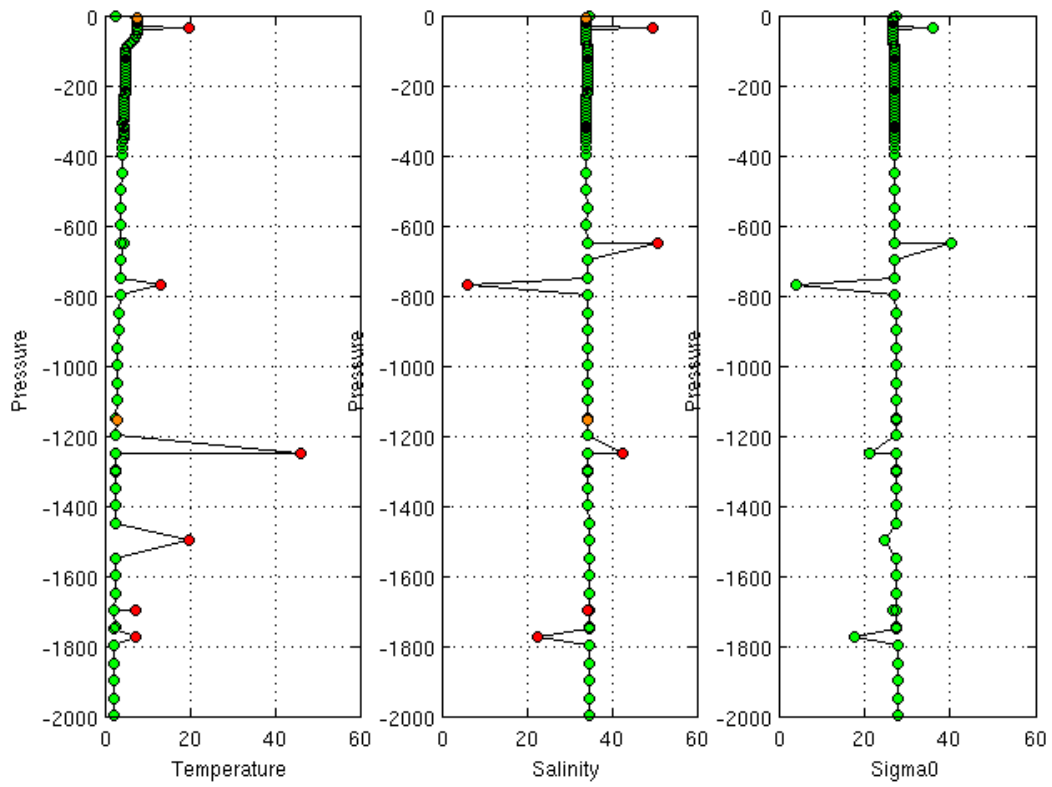
Float : 3900085 - Cycle : 42 - PI : Howard Freeland - Data mode : D - INST REF : Webb Research APEX-SBE 520 - Date : 2004 2 7

Warning Objective Analysis Anomalies 2014 August 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,3900085,42,22/07/2010 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=1633925> ,PSAL,0,0,1,3
ME,3900085,42,22/07/2010 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=1633925> ,TEMP,0,0,1,3

Example of anomalies:



10. DAC NMDIS

Profiles detected by the objective analysis: 0

Status of corrections:

Example of anomalies:

11. File anomalies

11.1. AOML

1900245 : tech.nc and traj.nc are missing.

11.2. KORDI

2900204 : Some positions are with values -999 instead of the FillValue "99999".

Ex. Cycles 92-179-223-286

12. Delayed Mode anomalies

Please also, have a look on the lists provided by John Gilson

12.1. BODC – problem n°1

ADJUSTED pressure exists but not the others parameters (still in progress)

Ifremer. : The old files (before 2013) are not updated.

Justin B. : 09/18/2013 That will happen either when we resubmit data when we do new formats work or when the floats are processed in delayed mode (both are on-going).

R1900677_215, R1900677_224, R1900679_207, R1900679_206, R6900656_094,...

And all files in real time with adjusted parameters

netcdf R1900677_215 {

DATE_CREATION = "20120110210843" ;

DATE_UPDATE = "20120110210843" ;

DATA_MODE = "A" ;

PRES_ADJUSTED = 4.5, 9.2, 14.3, 19.0, 23.9, 29.1, 33.9, 39.2, 48.9, 59.4, 69.3, 79.4, 89.2, 98.8, 108.8, 119.1, 128.7, 138.8, 149.1, 159.0, 169.2, 178.5, 188.6, 198.8, 219.3, 239.3, 259.1, 279.3, 299.2, 328.8, 358.7, 399.0, 449.3, 498.8, 549.1, 598.8, 649.1, 699.3, 749.1, 798.8, 849.1, 899.2, 948.4, 998.8, 1004.1 ;

PSAL_ADJUSTED = _ _ _ _ _ ;

TEMP_ADJUSTED = _ _ _ _ _ ;

}

BODC – problem n°2

QC 1 reported on bad PRES_ADJUSTED (negative values) – must be updated to 4

netcdf D6900198_003 {

PRES =

-99.0, -99.0, -99.0, -99.0, 2.0, 25.0, ,

PRES_QC =

"444114....."

PRES_ADJUSTED =

,,_ -99.0, 2.0,

PRES_ADJUSTED_QC =

"444114....."

12.2. CSIO

Adjusted value in real time files ok but <param>_adjusted_ERROR still empty for PRES, TEMP and PSAL

netcdf R5901605_246 {

DATE_CREATION = "20130422191738";

DATE_UPDATE = "20140211124428";

DATA_MODE = "A";

PSAL_ADJUSTED =

34.765, 34.761, 34.858, 35.051, 35.070, 35.079, 35.081, 35.078, 35.071, 35.071, 35.062, 35.040, 35.009, 34.983, 34.930, 34.904, 34.885, 34.858, 34.842, 34.823, 34.800, 34.782, 34.768, 34.759, 34.746, 34.735, 34.723, 34.716, 34.700, 34.683, 34.654, 34.628, 34.603, 34.577, 34.559, 34.539, 34.501, 34.433, 34.369, 34.313, 34.268, 34.216, 34.187, 34.164, 34.144, 34.139, 34.146, 34.162, 34.205, 34.242, 34.315, 34.356, 34.408, 34.428, 34.464, 34.480, 34.492, 34.504, 34.524, 34.543, 34.555, 34.566, 34.574, 34.587, 34.599, 34.616, 34.633, 34.644, 34.653, 34.660;

PSAL_ADJUSTED_ERROR =

_____;

PRES_ADJUSTED_ERROR =

TEMP_ADJUSTED_ERROR =

12.3. INCOIS

adjusted parameters with DATA_MODE = 'A' and <PARAM>_ADJUSTED_ERROR empty

netcdf R4900670_051 {

DATE_CREATION = "20070208230218";

DATE_UPDATE = "20091029162137";

DATA_MODE = "A";

PRES_ADJUSTED_ERROR =

_____;

TEMP_ADJUSTED_ERROR =

_____;

PSAL_ADJUSTED_ERROR =

_____;

PSAL_ADJUSTED =

34.354, 34.353, 34.360, 34.360, 34.359, 34.356, 34.121, 34.144, 34.333, 34.411, 34.700, 34.644,

}

12.4. KMA

ADJUSTED pressure exists but not the others parameters

R2900171_067, R2900171_048, R7900236_064, R7900249_052,... and all adjusted real time files

netcdf R2900171_067 {

DATE_CREATION = "20030610085419" ;

DATE_UPDATE = "20100810073304" ;

DATA_MODE = "R" ;

PRES_ADJUSTED = 6.5, 16.4, 26.5, 36.5, 46.0, 56.3, 66.0, 76.0, 86.3, 96.4, 106.6, 116.2, 126.2, 136.1, 146.6, 156.4, 166.1, 176.3, 186.4, 196.2, 206.0, 215.9, 226.2, 236.0, 246.0, 256.5, 266.4, 275.9, 286.2, 296.2, 306.4, 316.2, 326.2, 336.3, 345.9, 356.1, 375.8, 395.8, 446.1, 496.0, 546.4, 596.2, 646.3, 695.6, 745.7 ;

TEMP_ADJUSTED = _____ ;

PSAL_ADJUSTED = _____ ;

}

No Error on PRES_ADJUSTED

PRES_ADJUSTED_ERROR =

_____ ;

No information about calibration done on PRES

SCIENTIFIC_CALIB_EQUATION =

" ,

12.5. NMDIS

DM files - data_state_indicator="2C" but data_mode="R" and R*.nc

For floats : 2901615 – 2901631 - 2901632

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

netcdf R2901632_056 {

DATA_STATE_INDICATOR = "2C " ;

DATA_MODE = "R" ;

PRES_ADJUSTED =

0.0, 5.0, 16.0, 26.0, 36.0, 46.0, 56.0,

PSAL_ADJUSTED =

34.687, 34.694, 34.684, 34.670, 34.664, 34.657, 34.658,

TEMP_ADJUSTED =

18.364, 18.379, 18.277, 18.115, 18.069, 18.007, 17.965,

SCIENTIFIC_CALIB_COMMENT =

"Calibration error is manufacturers specified PRES accuracy at time of lab calibration ,

"Calibration error is manufacturers specified TEMP accuracy at time of lab calibration ,

"No salinity adjustment needed according to OW1.1. Ref. Data are CTD_for_DMQC_2013V01+ARGO_for_DMQC_2013V01 " ;

Changes to do :

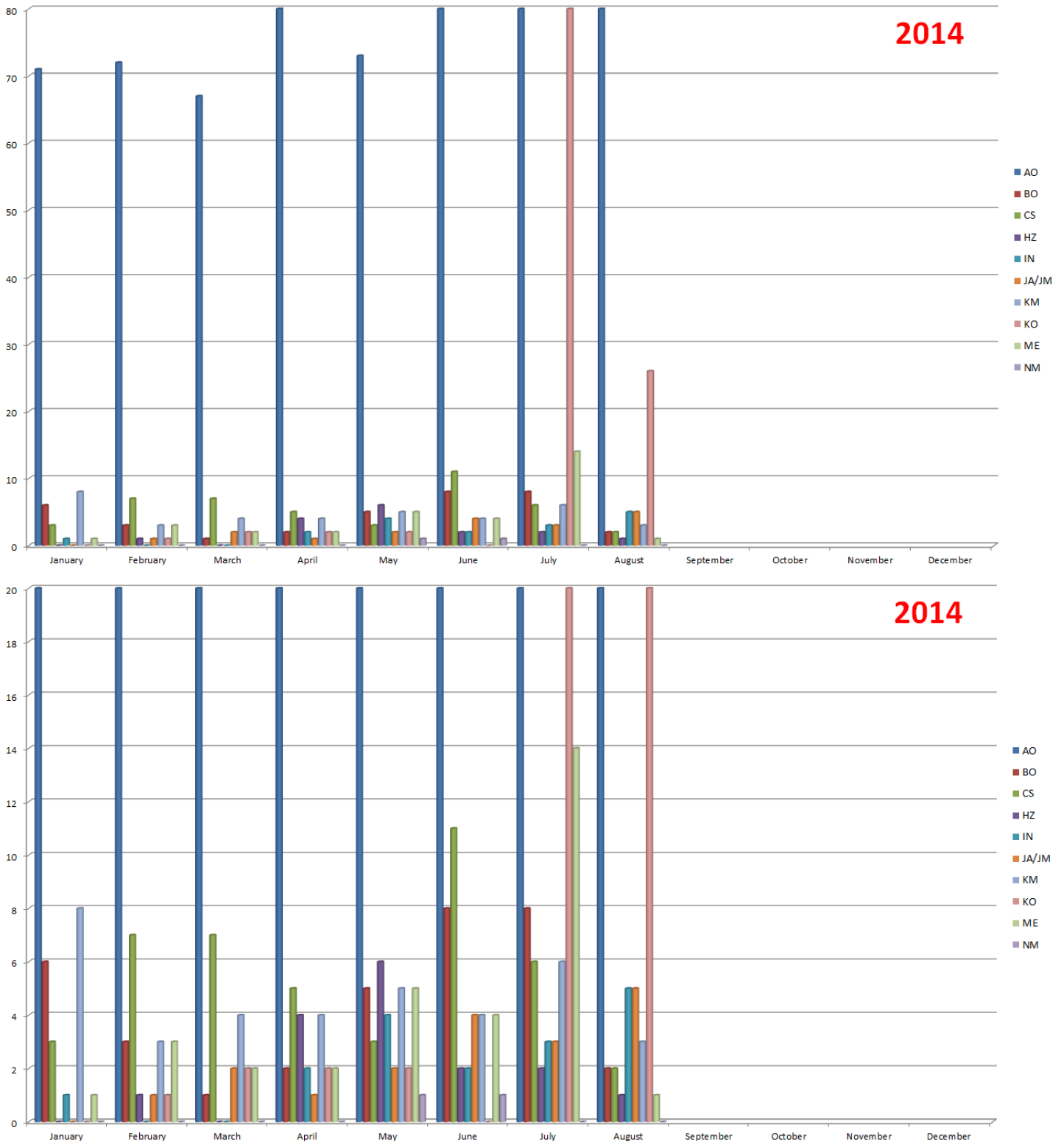
DATA_MODE = "R" => DATA_MODE = "D" ;

Name of the files R2901632_<cycle_number>.nc => D2901632_<cycle_number>.nc

13. Statistics

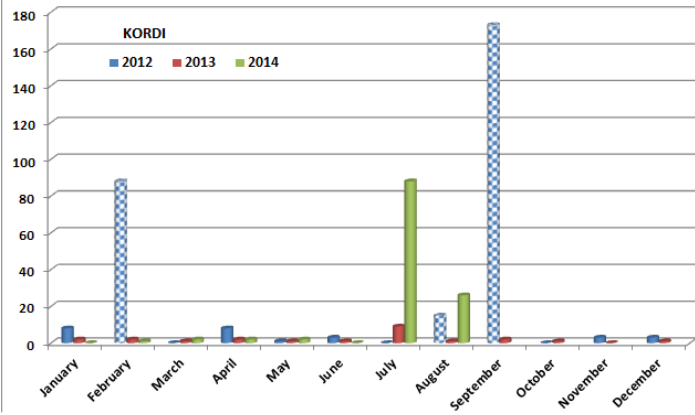
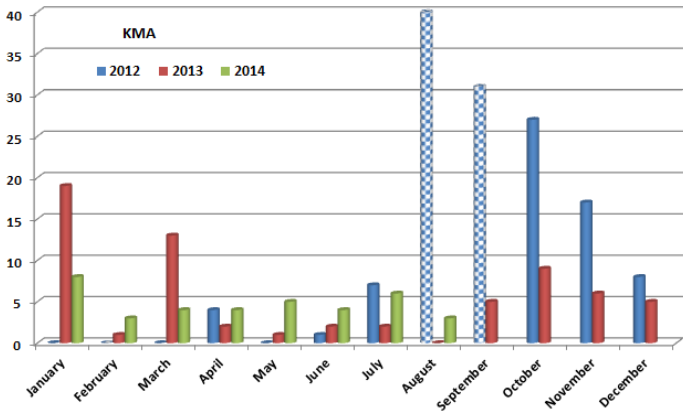
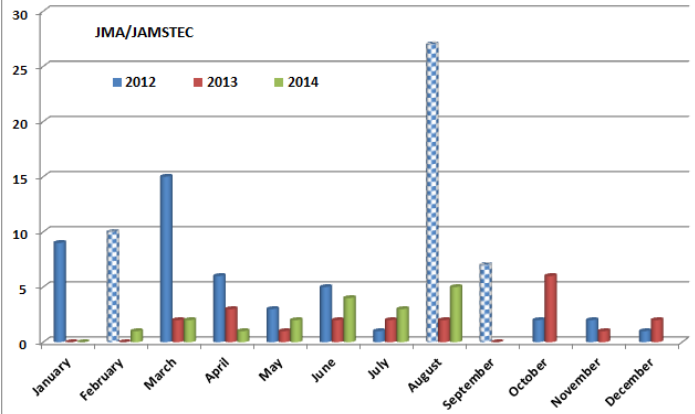
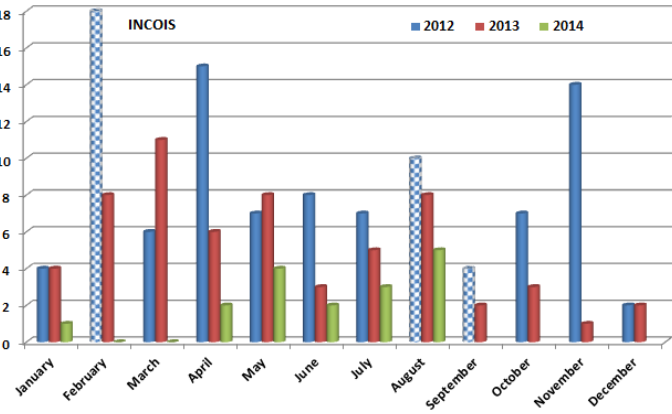
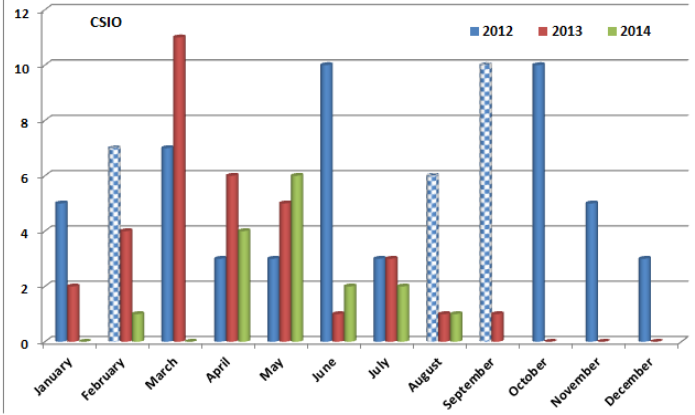
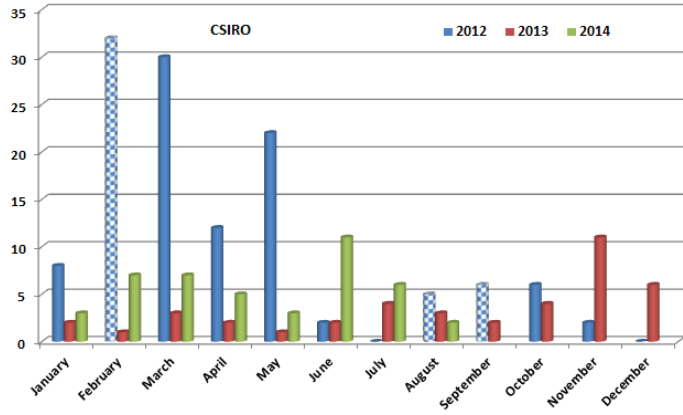
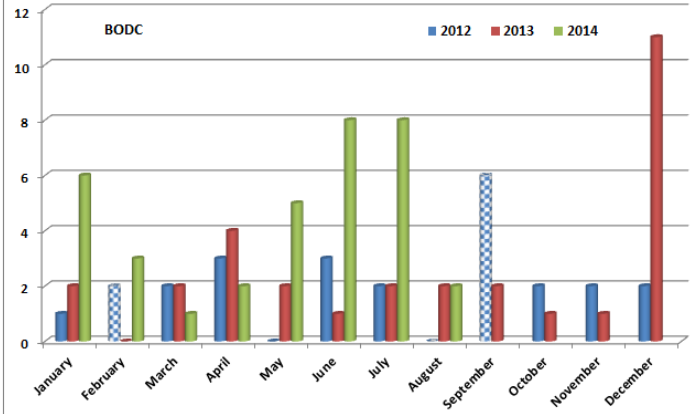
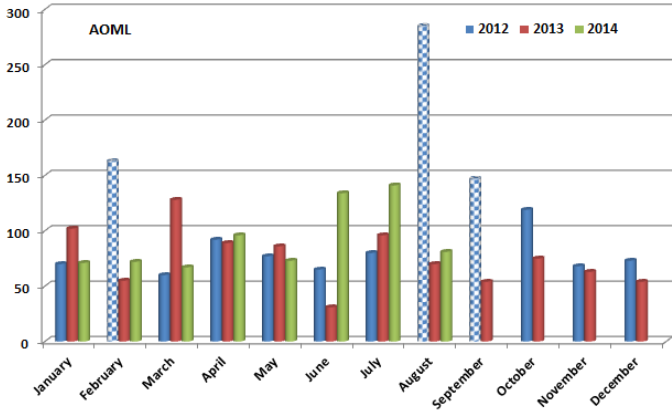
Plots showing evolution of number of anomalies by DAC.

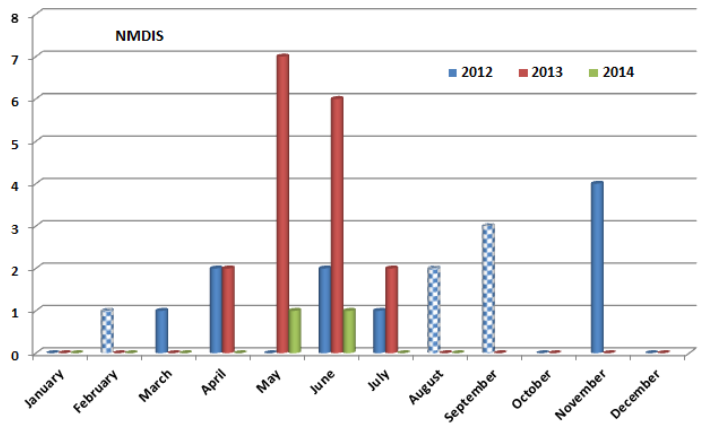
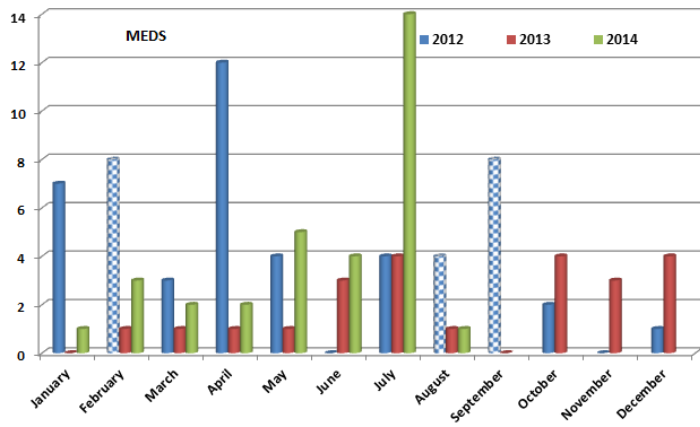
13.1. Year



Year 2014 with a zoom on range 0-20 for number of anomalies:

13.2. DAC





13.3. Anomalies by year, by month

