



Warning Objective Analysis

December 2013

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Coriolis

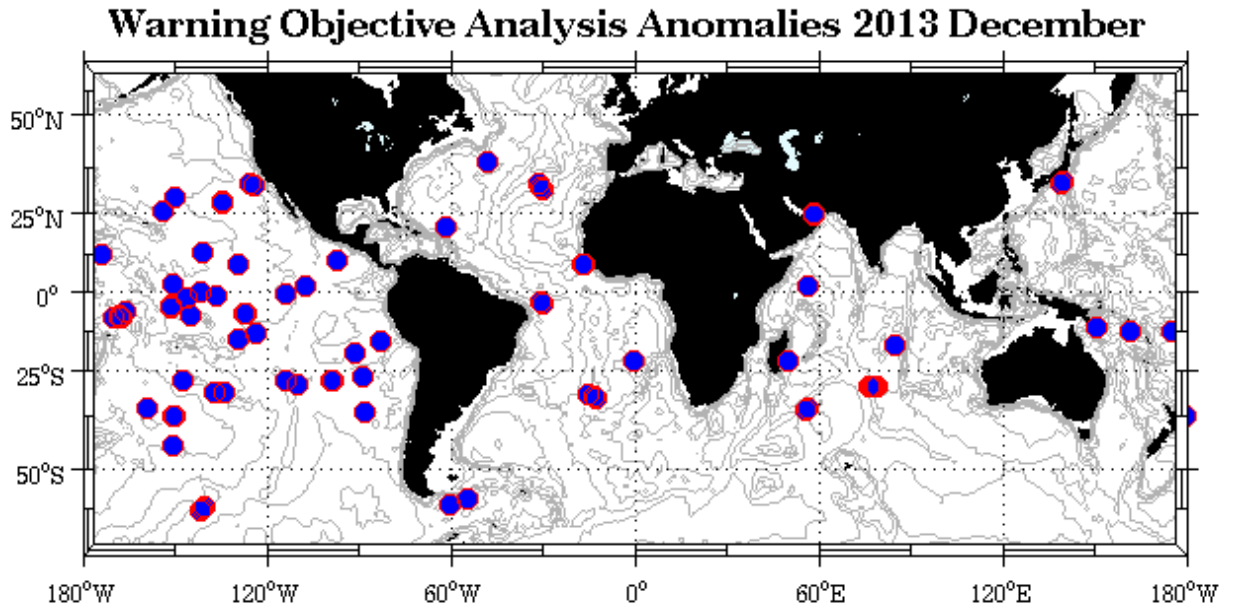
Anomalies by DAC

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1. DAC AOML

Profiles detected by the objective analysis: 54

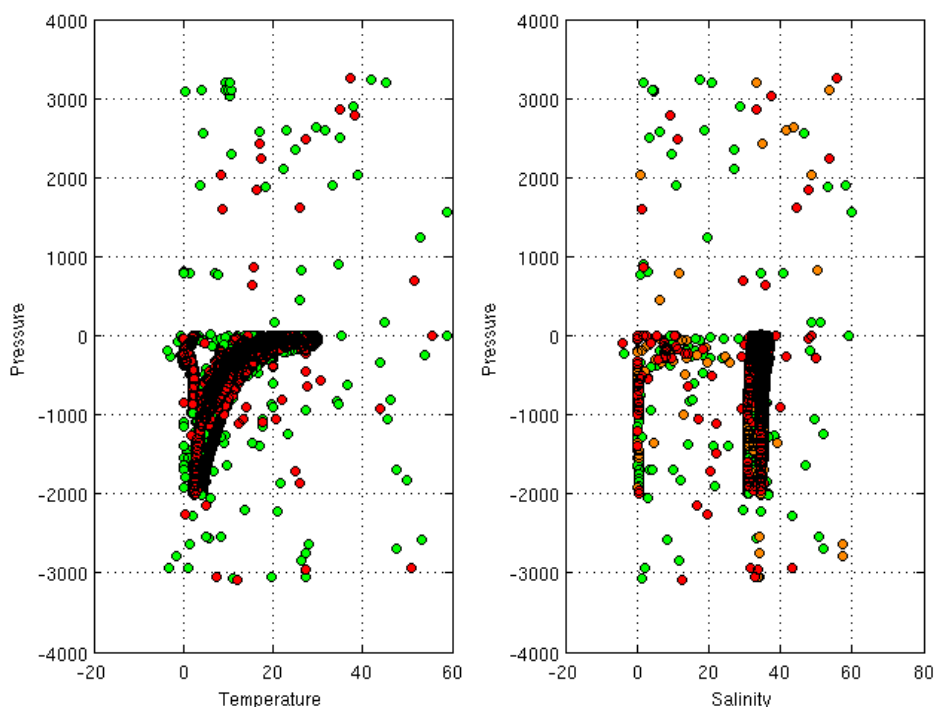


Status of corrections: Done except for few profiles –

Float : 1900729 - Cycle : 223 - PI : STEPHEN RISER - Data mode : A - INST REF : APEX_SBE_3112 - Date : 2013 12 26
Float : 1901045 - Cycle : 162 - PI : STEPHEN RISER - Data mode : A - INST REF : APEX_SBE_3229 - Date : 2013 12 17
Float : 1901369 - Cycle : 160 - PI : STEPHEN RISER - Data mode : D - INST REF : APEX_SBE_4285 - Date : 2013 9 21
Float : 1901369 - Cycle : 162 - PI : STEPHEN RISER - Data mode : D - INST REF : APEX_SBE_4285 - Date : 2013 10 11
Float : 1901369 - Cycle : 165 - PI : STEPHEN RISER - Data mode : A - INST REF : APEX_SBE_4285 - Date : 2013 11 11
Float : 1901369 - Cycle : 166 - PI : STEPHEN RISER - Data mode : A - INST REF : APEX_SBE_4285 - Date : 2013 11 21
Float : 1901369 - Cycle : 167 - PI : STEPHEN RISER - Data mode : A - INST REF : APEX_SBE_4285 - Date : 2013 12 1
Float : 1901369 - Cycle : 168 - PI : STEPHEN RISER - Data mode : A - INST REF : APEX_SBE_4285 - Date : 2013 12 11
Float : 1901369 - Cycle : 169 - PI : STEPHEN RISER - Data mode : A - INST REF : APEX_SBE_4285 - Date : 2013 12 21
Float : 1901540 - Cycle : 87 - PI : Breck Owens - Data mode : R - INST REF : SOLOIR_SBE_1064 - Date : 2013 12 23
Float : 1901661 - Cycle : 4 - PI : BRECK OWENS, STEVE JAYNE, P.E. ROBBINS - Data mode : R - INST REF : SOLO_SBE_1076 - Date : 2013 12 10
Float : 2901418 - Cycle : 128 - PI : CARL SZCZECOWSKI - Data mode : R - INST REF : APEX_SBE_5910 - Date : 2013 12 10
Float : 2901418 - Cycle : 130 - PI : CARL SZCZECOWSKI - Data mode : R - INST REF : APEX_SBE_5910 - Date : 2013 12 18
Float : 2901450 - Cycle : 60 - PI : CARL SZCZECOWSKI - Data mode : A - INST REF : APEX_SBE_6492 - Date : 2013 12 20
Float : 2901450 - Cycle : 61 - PI : CARL SZCZECOWSKI - Data mode : A - INST REF : APEX_SBE_6492 - Date : 2013 12 24
Float : 3900701 - Cycle : 191 - PI : DEAN ROEMMICH - Data mode : A - INST REF : SOLO_SBE_2807 - Date : 2013 12 17
Float : 3900715 - Cycle : 264 - PI : Robert A. Weller - Data mode : R - INST REF : SOLOIR_SBE_0856 - Date : 2013 12 9
Float : 3900715 - Cycle : 265 - PI : Robert A. Weller - Data mode : R - INST REF : SOLOIR_SBE_0856 - Date : 2013 12 19
Float : 3900844 - Cycle : 217 - PI : STEPHEN RISER - Data mode : A - INST REF : APEX_SBE_3102 - Date : 2013 12 23
Float : 3901115 - Cycle : 67 - PI : Gregory C. Johnson - Data mode : R - INST REF : NAVISIR_SBE_0126 - Date : 2013 12 11
Float : 4900324 - Cycle : 275 - PI : STEPHEN RISER - Data mode : A - INST REF : APEX_SBE_1987 - Date : 2013 12 25
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Float : 4901016 - Cycle : 182 - PI : BRECK OWENS - Data mode : R - INST REF : SOLO_SBE_5L883 - Date : 2013 12 22
Float : 4901586 - Cycle : 11 - PI : Breck Owens, Steve Jayne, and P.E. Robbi - Data mode : R - INST REF : SOLO2IR_SBE_7174 - Date : 2013 12 3
Float : 4901586 - Cycle : 12 - PI : Breck Owens, Steve Jayne, and P.E. Robbi - Data mode : R - INST REF : SOLO2IR_SBE_7174 - Date : 2013 12 13
Float : 5900414 - Cycle : 242 - PI : STEPHEN RISER - Data mode : D - INST REF : APEX_SBE_1387 - Date : 2013 12 16
Float : 5900696 - Cycle : 315 - PI : STEPHEN RISER - Data mode : R - INST REF : APEX_SBE_1708 - Date : 2013 12 18
Float : 5900886 - Cycle : 304 - PI : GREGORY C. JOHNSON - Data mode : A - INST REF : APEX_SBE_1880 - Date : 2013 12 22
Float : 5900930 - Cycle : 300 - PI : STEPHEN RISER - Data mode : D - INST REF : APEX_SBE_1857 - Date : 2013 12 17
Float : 5901012 - Cycle : 288 - PI : GREGORY C. JOHNSON - Data mode : A - INST REF : APEX_SBE_2156 - Date : 2013 12 19
Float : 5901014 - Cycle : 287 - PI : GREGORY C. JOHNSON - Data mode : A - INST REF : APEX_SBE_2158 - Date : 2013 12 19
Float : 5901884 - Cycle : 183 - PI : STEPHEN RISER - Data mode : A - INST REF : APEX_SBE_3733 - Date : 2013 12 24
Float : 5902078 - Cycle : 185 - PI : STEPHEN RISER - Data mode : A - INST REF : APEX_SBE_3944 - Date : 2013 12 17
Float : 5902216 - Cycle : 177 - PI : GREGORY C. JOHNSON - Data mode : R - INST REF : APEX_SBE_4017 - Date : 2013 12 24
Float : 5902219 - Cycle : 175 - PI : GREGORY C. JOHNSON - Data mode : A - INST REF : APEX_SBE_4020 - Date : 2013 12 24
Float : 5902245 - Cycle : 163 - PI : GREGORY C. JOHNSON - Data mode : A - INST REF : APEX_SBE_4092 - Date : 2013 12 18

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 Float : 5904363 - Cycle : 15 - PI : DEAN ROEMMICH - Data mode : D - FLOAT SERIAL : 8168 - Date : 2013 12 3

Warning Objective Analysis Anomalies 2013 December TEMP PSAL - DAC AO



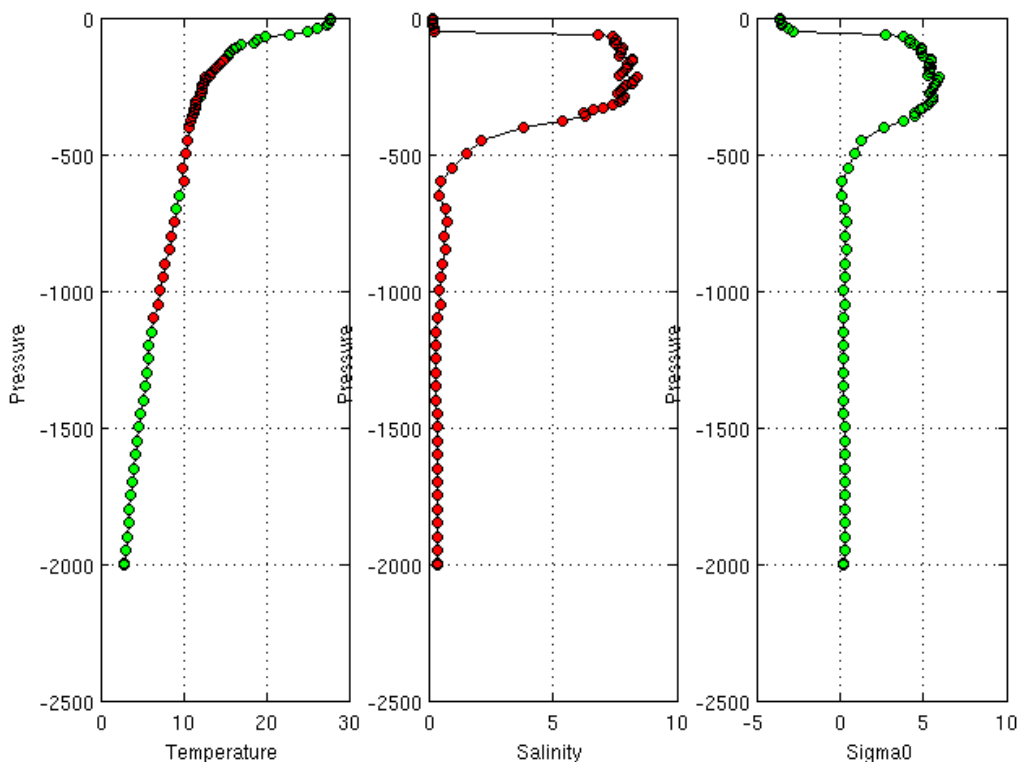
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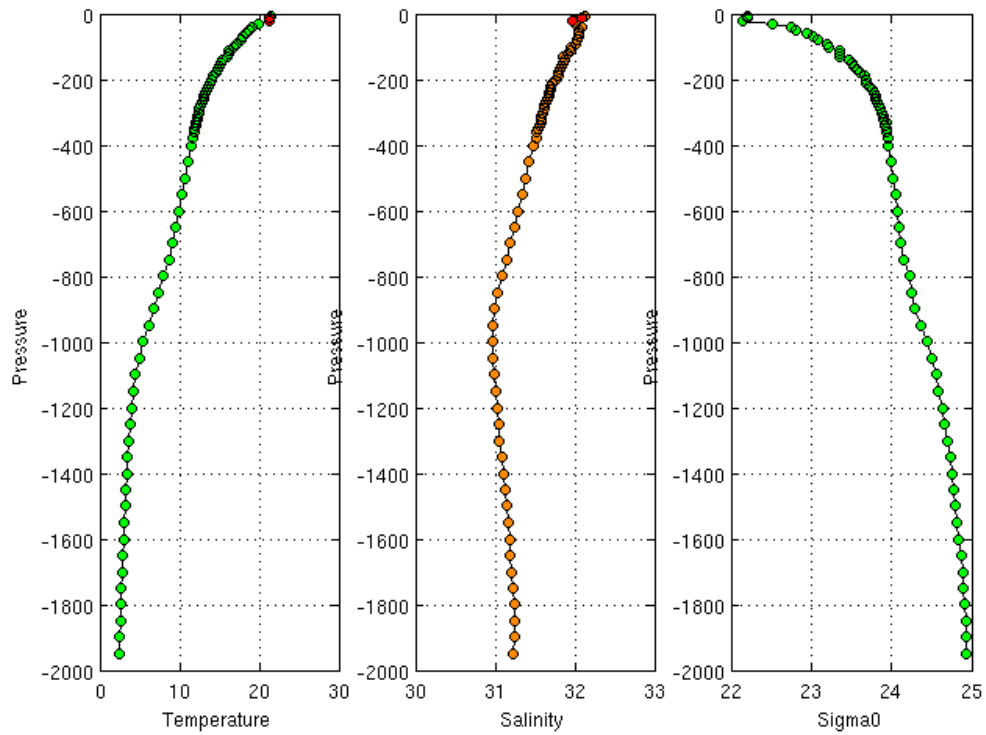
APEX to put on the grey list:

Example of corrections:

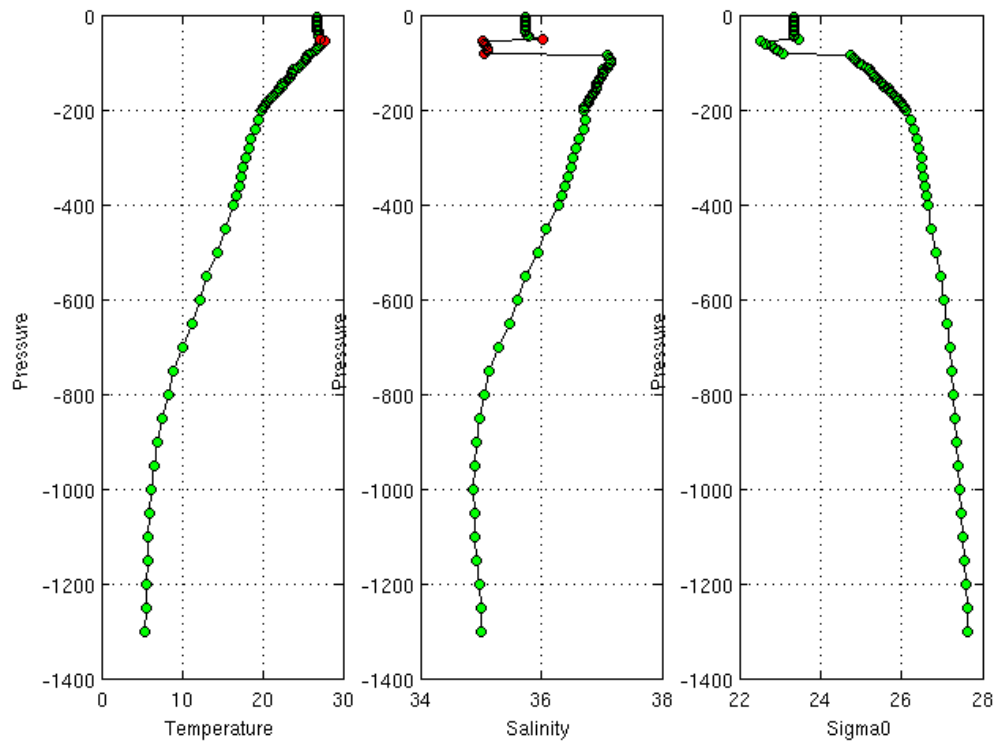
Warning Objective Analysis Anomalies 2013 December TEMP PSAL : DAC AO- Float 1901045-162



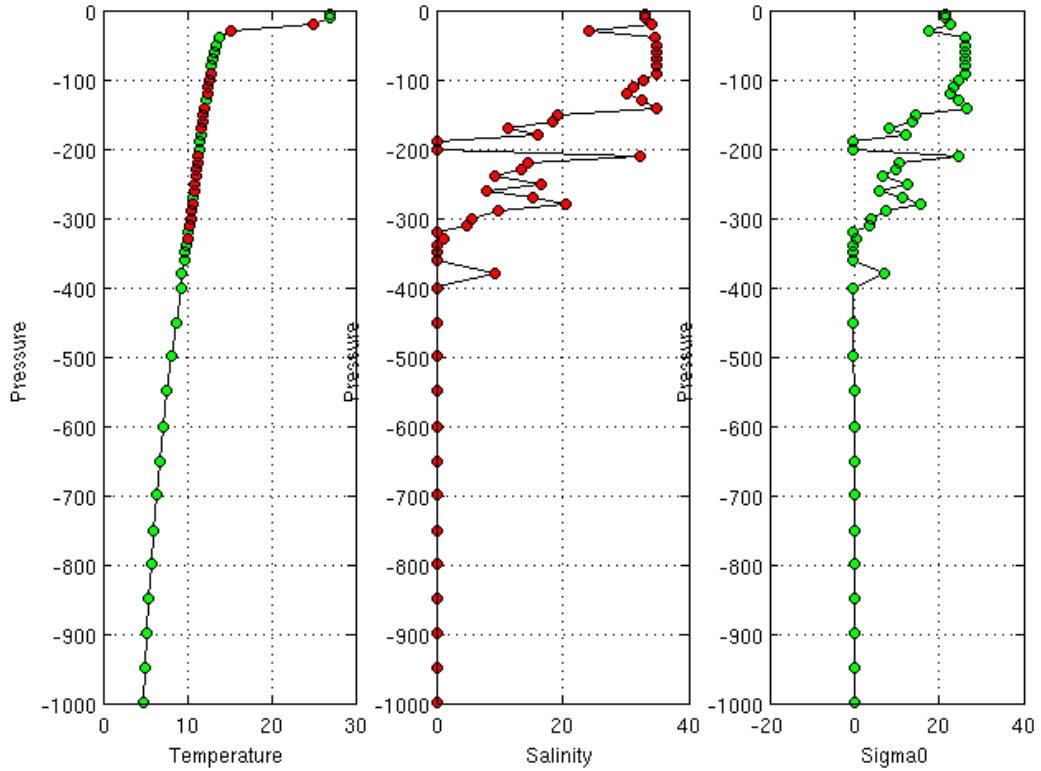
Warning Objective Analysis Anomalies 2013 December TEMP PSAL : DAC AO- Float 1901369-166



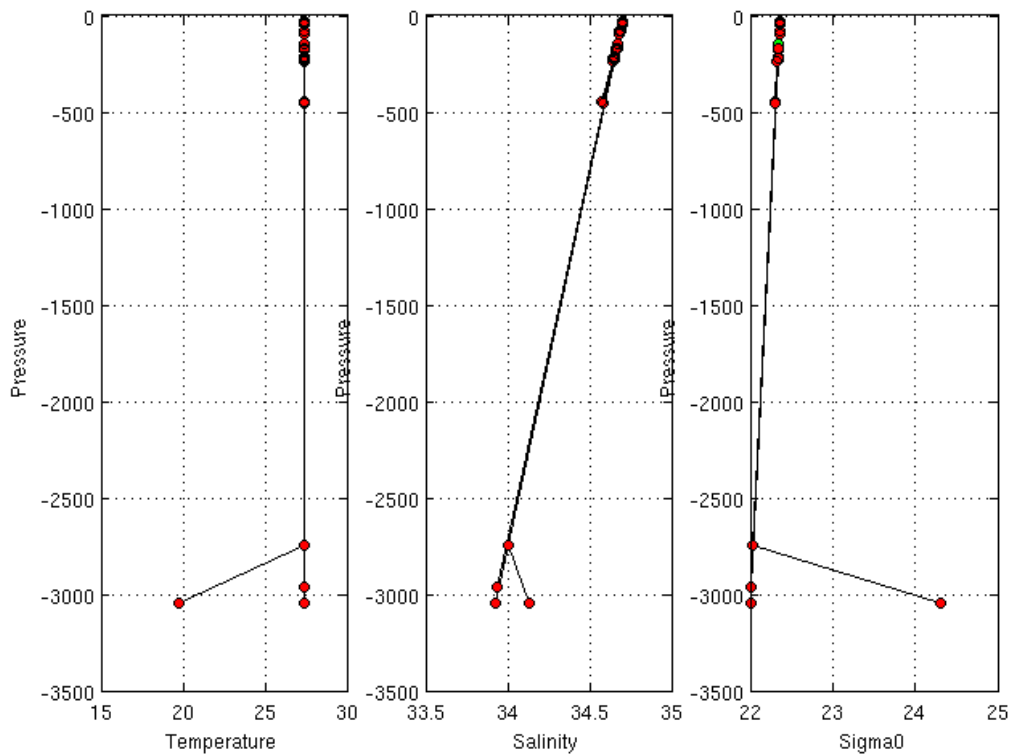
Warning Objective Analysis Anomalies 2013 December TEMP PSAL : DAC AO- Float 1901661-4



Warning Objective Analysis Anomalies 2013 December TEMP PSAL : DAC AO- Float 4900324-275



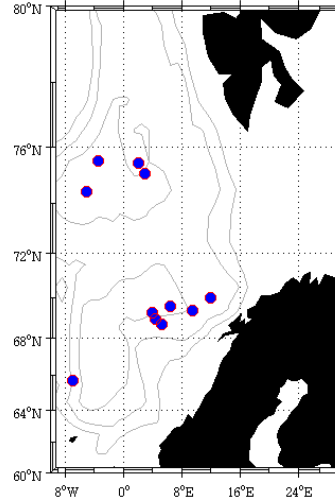
Warning Objective Analysis Anomalies 2013 December TEMP PSAL : DAC AO- Float 5902216-177



2. DAC BODC

Profiles detected by the objective analysis: 11

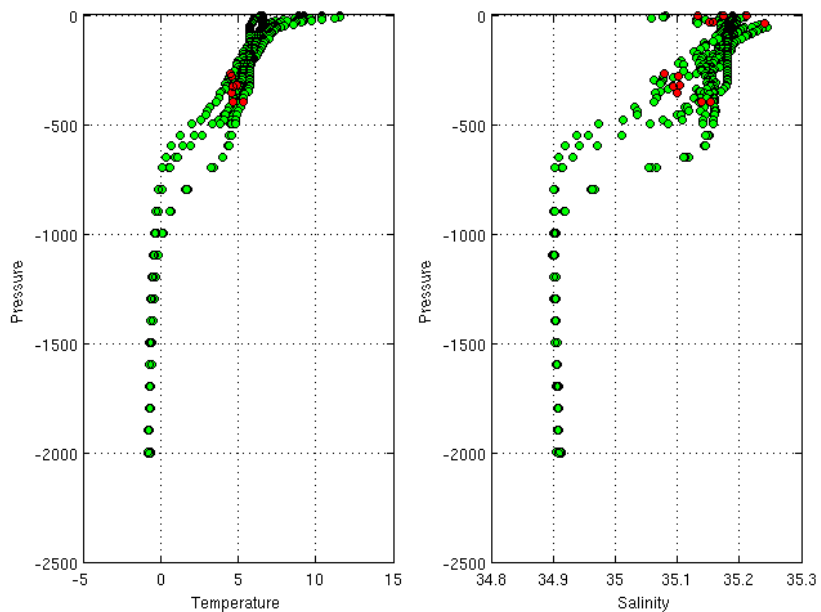
Warning Objective Analysis Anomalies 2013 December



Status of corrections: NOT DONE

Float : 6901127 - Cycle : 54 - PI : Jon Turton - Data mode : A - INST REF : APEX-SBE 6231 - Date : 2013	12	12
Float : 6901129 - Cycle : 51 - PI : Jon Turton - Data mode : A - INST REF : APEX-SBE 6229 - Date : 2013	11	22
Float : 6901129 - Cycle : 53 - PI : Jon Turton - Data mode : A - INST REF : APEX-SBE 6229 - Date : 2013	12	12
Float : 6901131 - Cycle : 52 - PI : Jon Turton - Data mode : A - INST REF : APEX-SBE 6235 - Date : 2013	12	3
Float : 6901138 - Cycle : 49 - PI : Jon Turton - Data mode : A - INST REF : APEX-SBE 6228 - Date : 2013	12	11
Float : 6901141 - Cycle : 2 - PI : Jon Turton - Data mode : A - INST REF : APEX-SBE 6234 - Date : 2012	9	8
Float : 6901141 - Cycle : 3 - PI : Jon Turton - Data mode : A - INST REF : APEX-SBE 6234 - Date : 2012	9	18
Float : 6901141 - Cycle : 17 - PI : Jon Turton - Data mode : A - INST REF : APEX-SBE 6234 - Date : 2013	2	2
Float : 6901141 - Cycle : 28 - PI : Jon Turton - Data mode : A - INST REF : APEX-SBE 6234 - Date : 2013	5	20
Float : 6901141 - Cycle : 30 - PI : Jon Turton - Data mode : A - INST REF : APEX-SBE 6234 - Date : 2013	6	9
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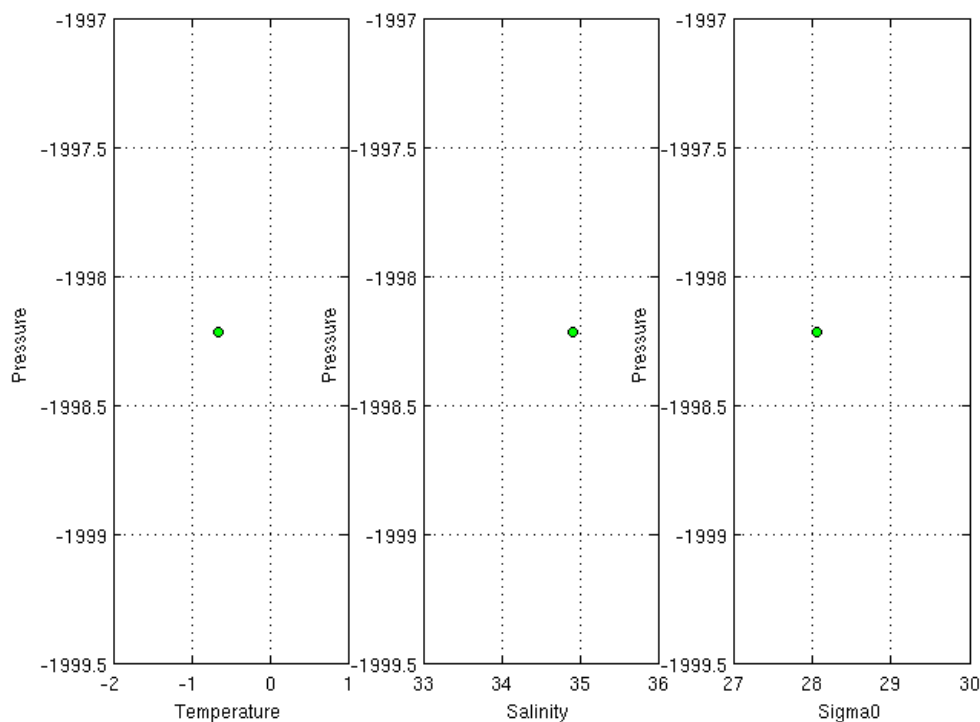
Warning Objective Analysis Anomalies 2013 December TEMP PSAL - DAC BO



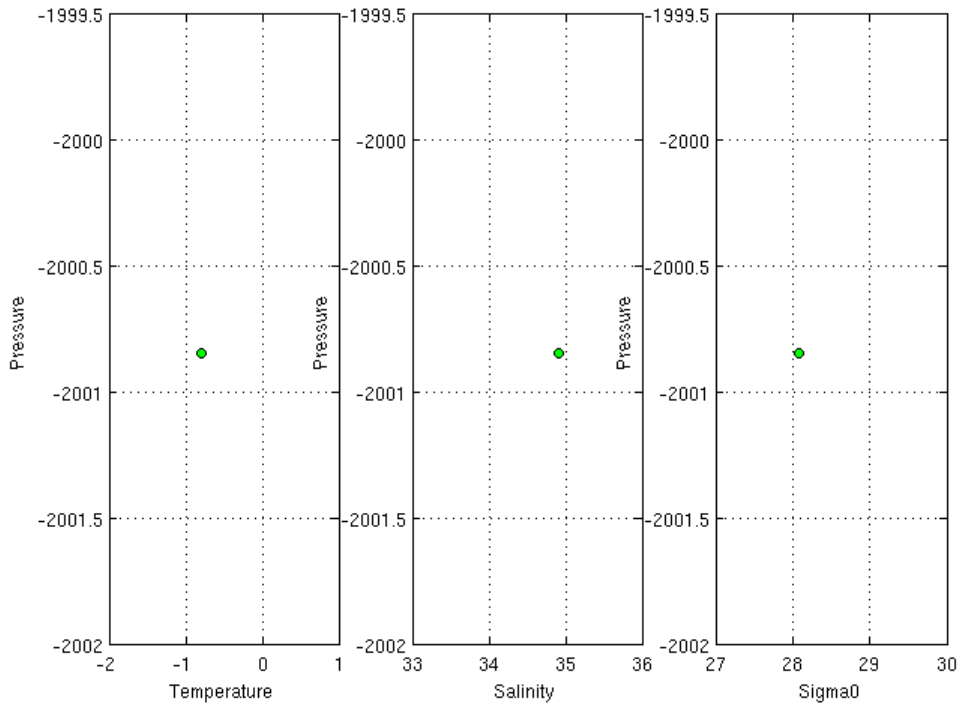
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 BO,6901141,32,04/07/2013 00:00:00,A,http://www.ifremer.fr/WC2argoFloats/station?&stationId=29837739 ,PSAL,278.1,278.1,4,1
 BO,6901131,52,03/12/2013 00:00:00,A,http://www.ifremer.fr/WC2argoFloats/station?&stationId=31758598 ,PSAL,2000.1,2000.1,1,4
 BO,6901131,52,03/12/2013 00:00:00,A,http://www.ifremer.fr/WC2argoFloats/station?&stationId=31758598 ,TEMP,2000.1,2000.1,1,4
 BO,6901138,49,11/12/2013 00:00:00,A,http://www.ifremer.fr/WC2argoFloats/station?&stationId=31835133 ,PSAL,2000.8,2000.8,1,4
 BO,6901138,49,11/12/2013 00:00:00,A,http://www.ifremer.fr/WC2argoFloats/station?&stationId=31835133 ,TEMP,2000.8,2000.8,1,4
 BO,6901127,54,12/12/2013 00:00:00,A,http://www.ifremer.fr/WC2argoFloats/station?&stationId=31835557 ,PSAL,1998.2,1998.2,1,4
 BO,6901127,54,12/12/2013 00:00:00,A,http://www.ifremer.fr/WC2argoFloats/station?&stationId=31835557 ,TEMP,1998.2,1998.2,1,4
 BO,6901129,53,12/12/2013 00:00:00,A,http://www.ifremer.fr/WC2argoFloats/station?&stationId=31835558 ,PSAL,1999.3,1999.3,1,4
 BO,6901129,53,12/12/2013 00:00:00,A,http://www.ifremer.fr/WC2argoFloats/station?&stationId=31835558 ,TEMP,1999.3,1999.3,1,4
 BO,6901129,51,22/11/2013 00:00:00,A,http://www.ifremer.fr/WC2argoFloats/station?&stationId=31355298 ,PSAL,1998.7,1998.7,1,4
 BO,6901129,51,22/11/2013 00:00:00,A,http://www.ifremer.fr/WC2argoFloats/station?&stationId=31355298 ,TEMP,1998.7,1998.7,1,4

Example of corrections:

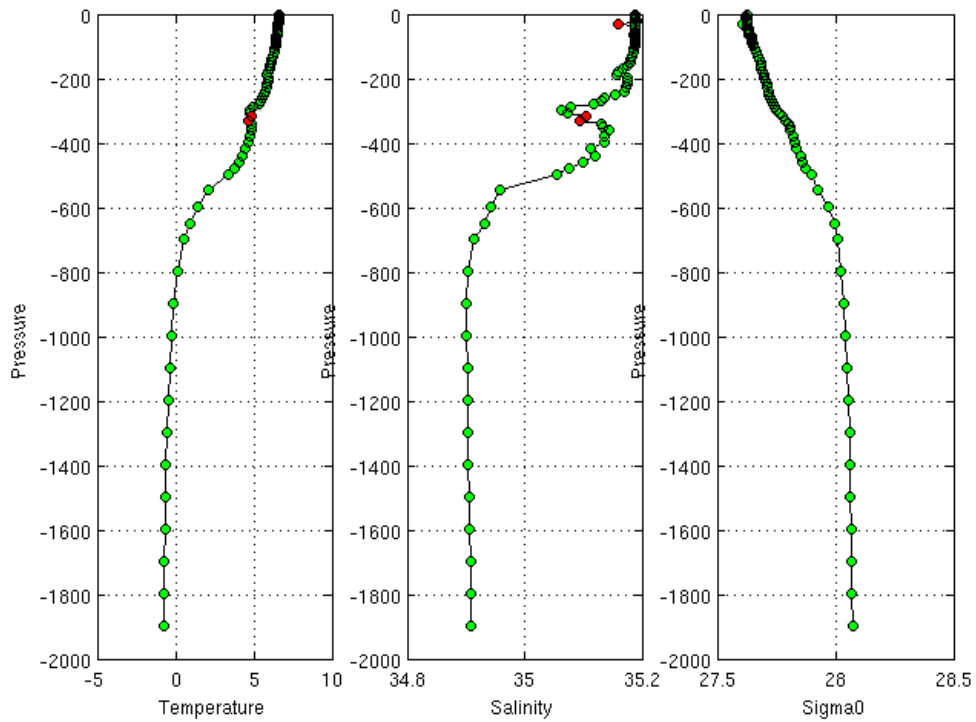
Warning Objective Analysis Anomalies 2013 December TEMP PSAL : DAC BO- Float 6901127-54



Warning Objective Analysis Anomalies 2013 December TEMP PSAL : DAC BO- Float 6901138-49



Warning Objective Analysis Anomalies 2013 December TEMP PSAL : DAC BO- Float 6901141-28



3. DAC CSIO

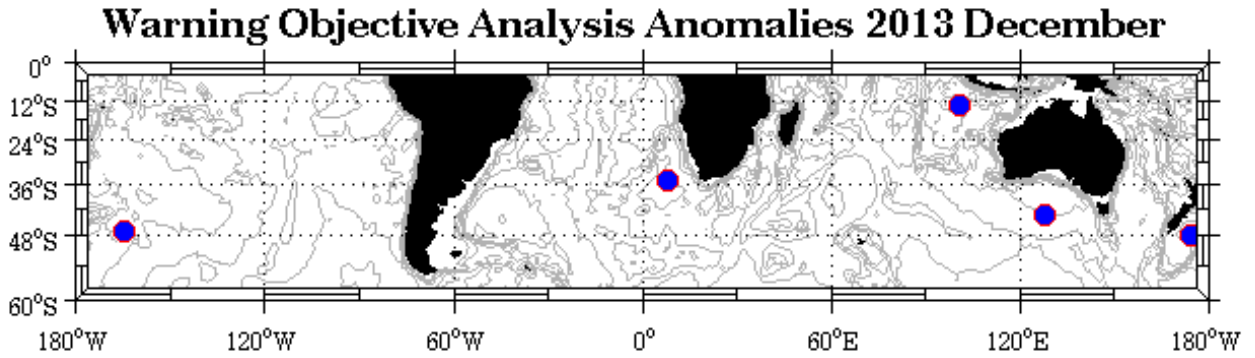
Profiles detected by the objective analysis: 0

Status of corrections:

Example of corrections:

4. DAC CSIRO

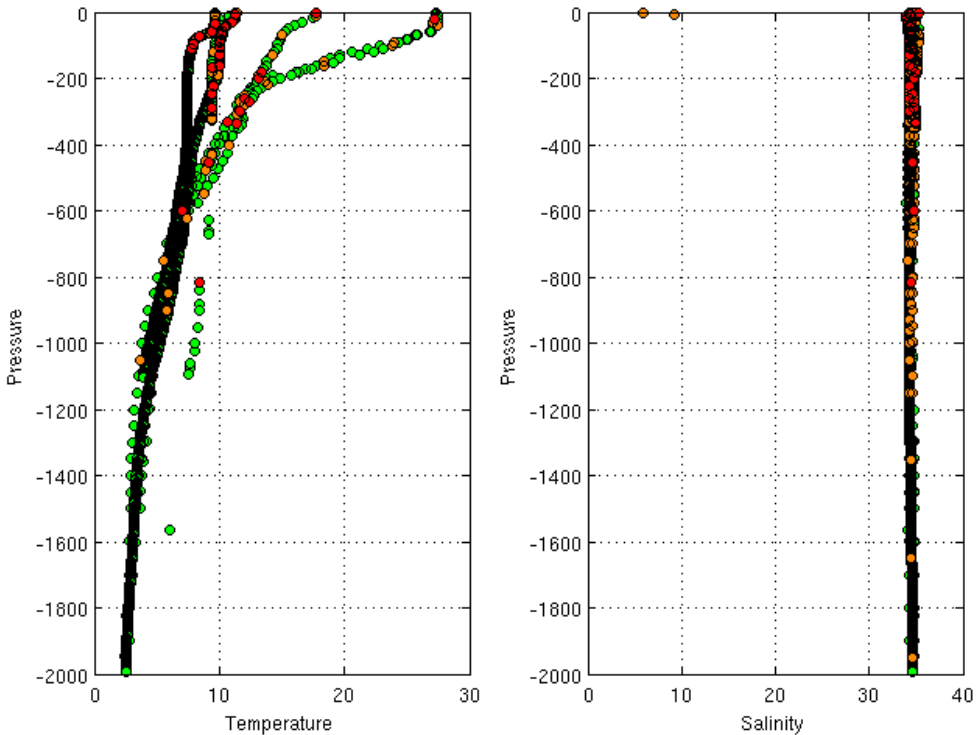
Profiles detected by the objective analysis: 6



Status of corrections: DONE with feedback

Float : 1901167 - Cycle : 91 - PI : Susan Wijffels - Data mode : A - INST REF : - Date : 2013 12 3
 Float : 5901700 - Cycle : 177 - PI : Susan Wijffels - Data mode : A - INST REF : - Date : 2013 11 24
 Float : 5903251 - Cycle : 142 - PI : Susan Wijffels - Data mode : A - INST REF : - Date : 2013 12 3
 Float : 5903914 - Cycle : 74 - PI : Susan Wijffels - Data mode : A - INST REF : - Date : 2013 12 1
 Float : 5903914 - Cycle : 76 - PI : Susan Wijffels - Data mode : A - INST REF : - Date : 2013 12 21
 Float : 5904220 - Cycle : 130 - PI : Susan Wijffels - Data mode : A - FLOAT SERIAL : 176 - Date : 2013 11 9

Warning Objective Analysis Anomalies 2013 December TEMP PSAL - DAC CS

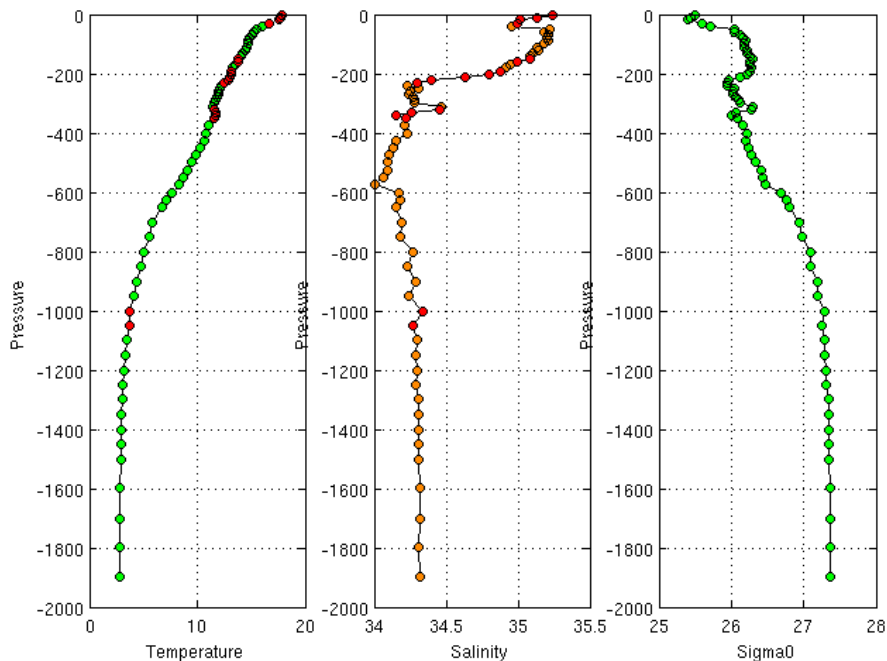


DAC_CODE,PLATFORM_CODE,CV_NUMBER,DATE_UPDATE,DIRECTION,WEB_URL,PARAMETER,START_IMMERSION,STOP_IMMERSION,OLD_QC,NEW_QC
 CS,5901700,177,02/12/2013 00:00:00,A,<http://www.ifremer.fr/WC2argoFloats/station?&stationId=31589569>,TEMP,816.9,953,1,4
 CS,5901700,177,02/12/2013 00:00:00,A,<http://www.ifremer.fr/WC2argoFloats/station?&stationId=31589569>,TEMP,1000,1063.4,1,4
 CS,5901700,177,02/12/2013 00:00:00,A,<http://www.ifremer.fr/WC2argoFloats/station?&stationId=31589569>,TEMP,1094.5,1094.5,1,4
 CS,5903914,74,04/12/2013 00:00:00,A,<http://www.ifremer.fr/WC2argoFloats/station?&stationId=31731934>,PSAL,4.7,4.7,1,4
 CS,5903251,142,03/12/2013 00:00:00,A,<http://www.ifremer.fr/WC2argoFloats/station?&stationId=31758490>,PSAL,58.1,60.1,1,4
 CS,5903251,142,03/12/2013 00:00:00,A,<http://www.ifremer.fr/WC2argoFloats/station?&stationId=31758490>,PSAL,68,68,1,4

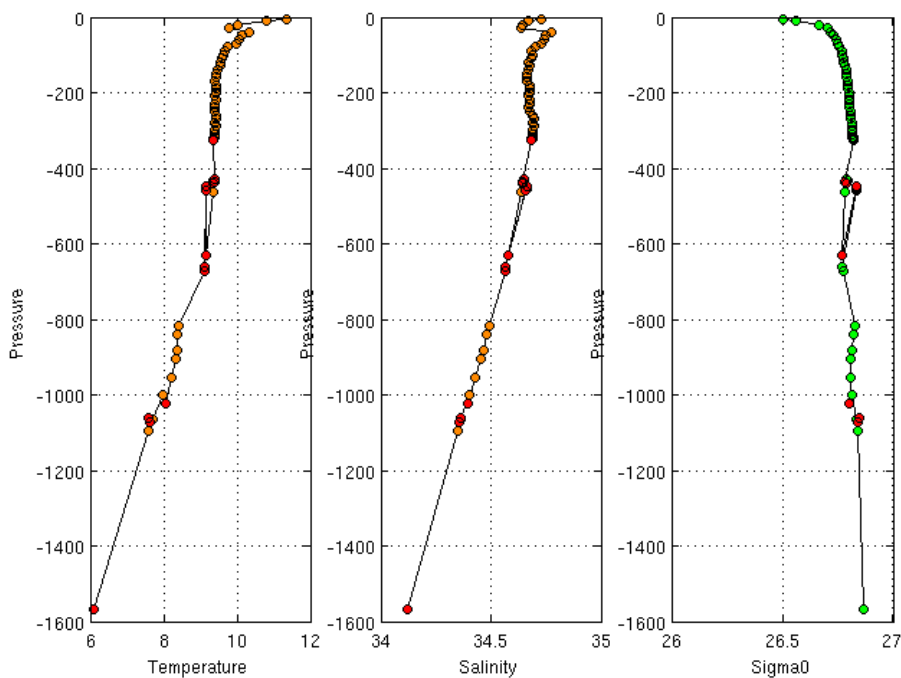
CS,1901167,91,06/12/2013 00:00:00,A,http://www.ifremer.fr/WC2argoFloats/station?&stationId=31758769 ,PSAL,240.4,299.9,1,3
CS,1901167,91,06/12/2013 00:00:00,A,http://www.ifremer.fr/WC2argoFloats/station?&stationId=31758769 ,PSAL,309.7,309.7,1,4
CS,5904220,130,18/11/2013 00:00:00,A,http://www.ifremer.fr/WC2argoFloats/station?&stationId=31104789 ,PSAL,31.4,34.8,1,4
CS,5903914,76,24/12/2013 00:00:00,A,http://www.ifremer.fr/WC2argoFloats/station?&stationId=31918273 ,PSAL,4.8,4.8,1,4

Example of corrections:

Warning Objective Analysis Anomalies 2013 December TEMP PSAL : DAC CS- Float 1901167-91

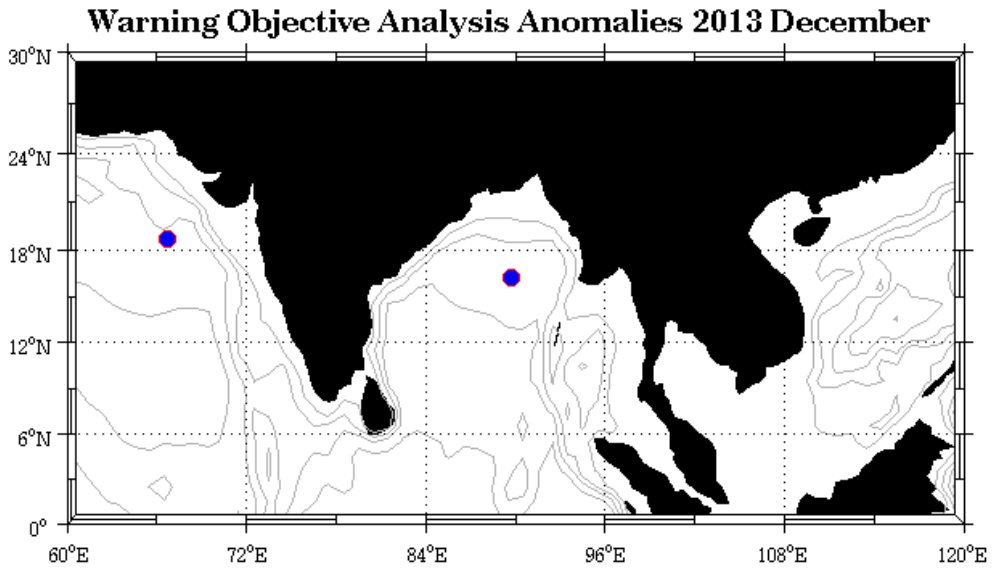


Warning Objective Analysis Anomalies 2013 December TEMP PSAL : DAC CS- Float 5901700-177



5. DAC INCOIS

Profiles detected by the objective analysis: 2



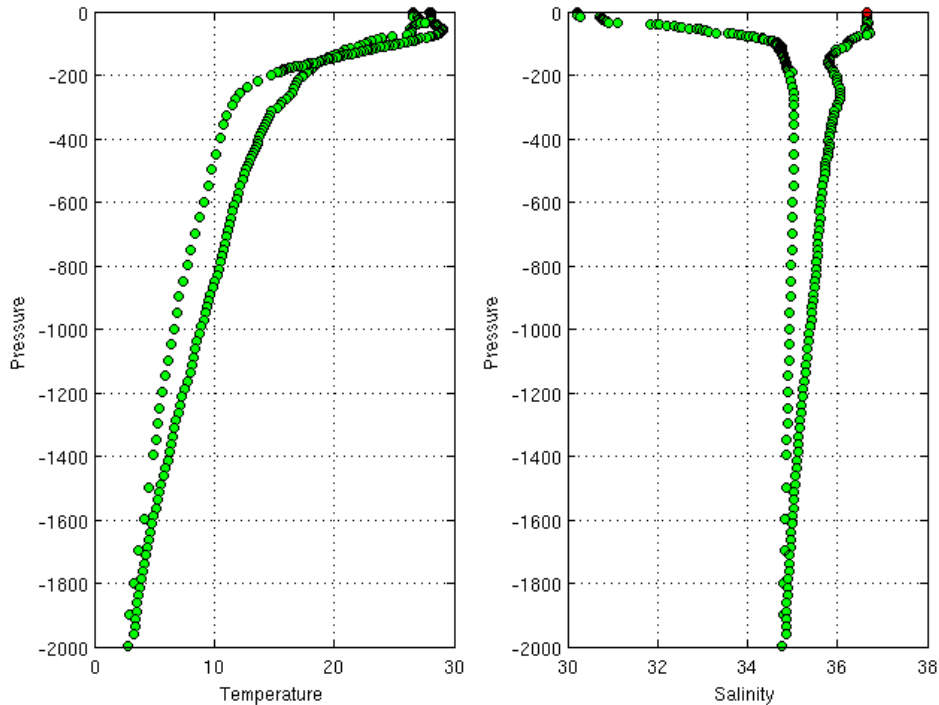
Status of corrections: Done for PROVOR (Coriolis)

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

Float : 2901327 - Cycle : 193 - PI : M Ravichandran - Data mode : A - INST REF : APEX-SBE 5781 - Date : 2013 12 18

Float : 2902093 - Cycle : 30 - PI : M Ravichandran - Data mode : R - FLOAT SERIAL : OIN 12_IND-FLBB-- Date : 2013 10 1

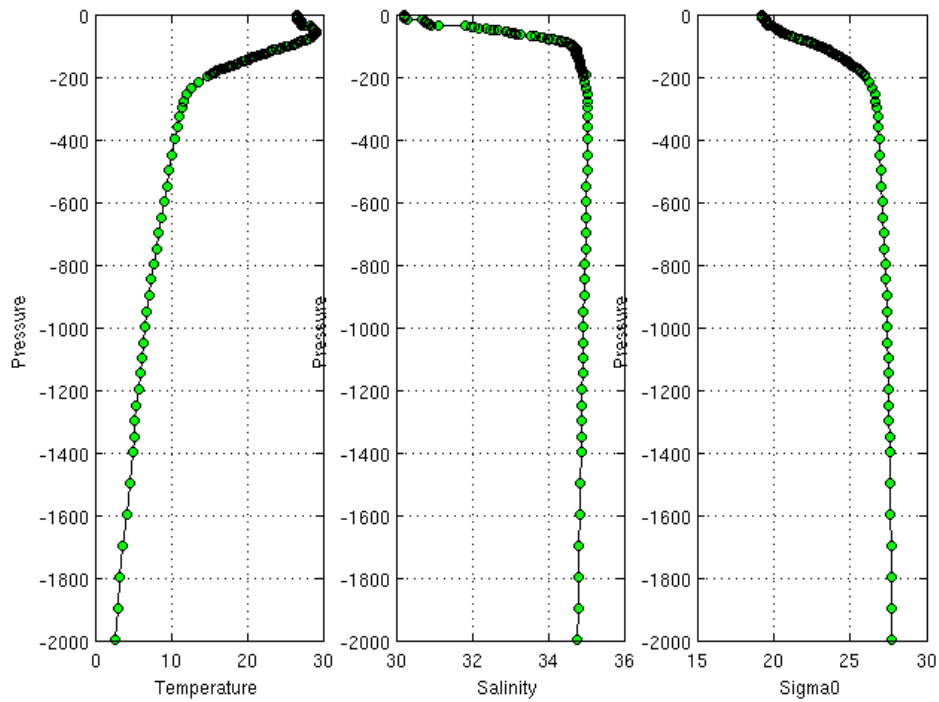
Warning Objective Analysis Anomalies 2013 December TEMP PSAL - DAC IN



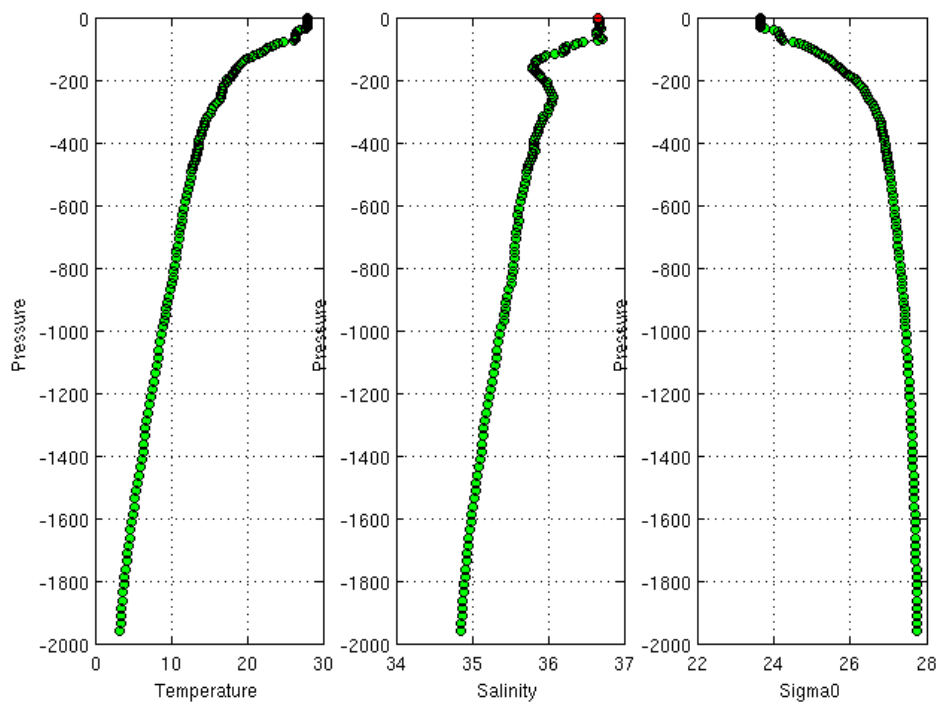
DAC_CODE,PLATFORM_CODE,CV_NUMBER,DATE_UPDATE,DIRECTION,WEB_URL,PARAMETER,START_IMMERSION,STOP_IMMERSION,OLD_QC,NEW_QC
IN,2902093,30,26/12/2013 00:00:00,A,http://www.ifremer.fr/WC2argoFloats/station?&stationId=31892779 ,PSAL,4.6,.1,1,4
IN,2901327,193,18/12/2013 00:00:00,A,http://www.ifremer.fr/WC2argoFloats/station?&stationId=31896050 ,TEMP_ADJUSTED,191.2,191.2,1,4
IN,2901327,193,18/12/2013 00:00:00,A,http://www.ifremer.fr/WC2argoFloats/station?&stationId=31896050 ,PSAL,191.2,191.2,1,4
IN,2901327,193,18/12/2013 00:00:00,A,http://www.ifremer.fr/WC2argoFloats/station?&stationId=31896050 ,PSAL_ADJUSTED,191.2,191.2,1,4
IN,2901327,193,18/12/2013 00:00:00,A,http://www.ifremer.fr/WC2argoFloats/station?&stationId=31896050 ,TEMP,191.2,191.2,1,4

Example of corrections: Few density inversions

Warning Objective Analysis Anomalies 2013 December TEMP PSAL : DAC IN- Float 2901327-193

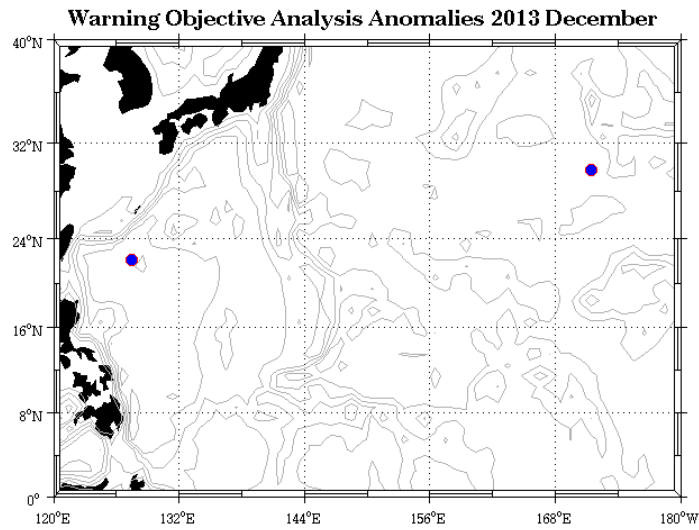


Warning Objective Analysis Anomalies 2013 December TEMP PSAL : DAC IN- Float 2902093-30



6. DAC JMA/JAMSTEC

Profiles detected by the objective analysis: 2

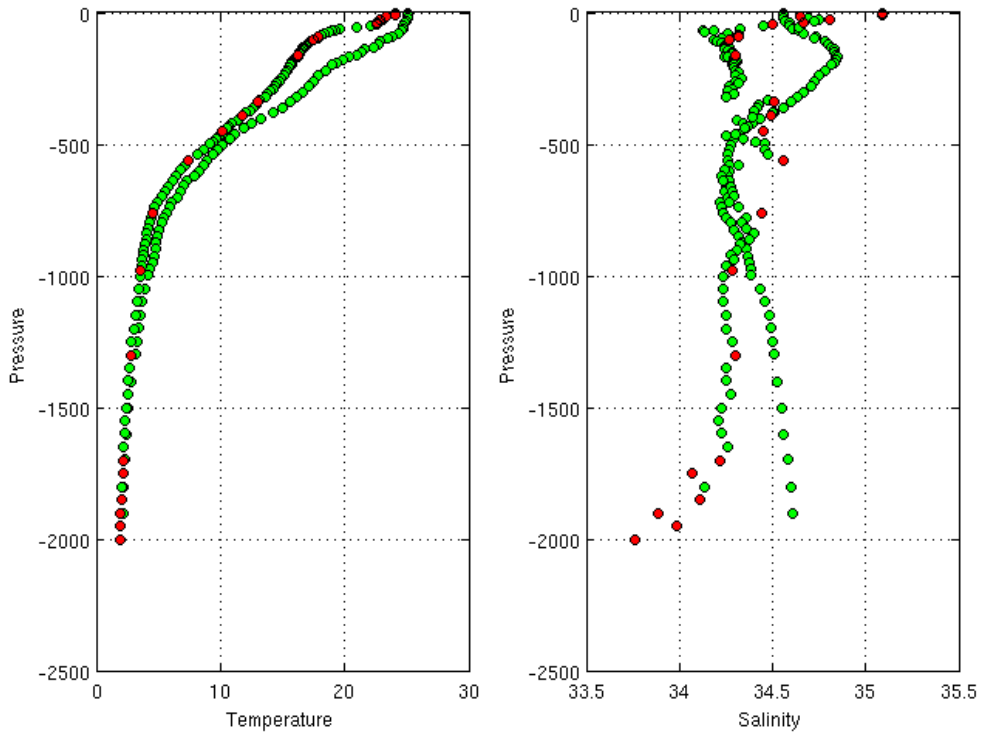


Status of corrections: NOT DONE

Float : 2902366 - Cycle : 76 - PI : JMA - Data mode : A - INST REF : APEX-SBE 6316 - Date : 2013 12 4

Float : 2902458 - Cycle : 8 - PI : JAMSTEC - Data mode : R - INST REF : ARVOR-SBE OIN-13JAP-ARL-10 - Date : 2013 11 6

Warning Objective Analysis Anomalies 2013 December TEMP PSAL - DAC JA

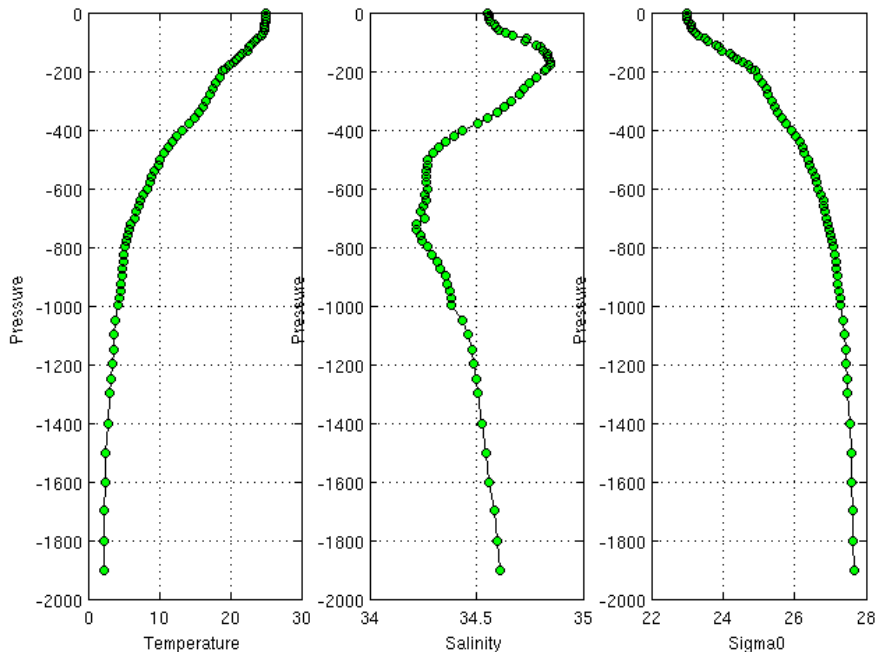


DAC_CODE,PLATFORM_CODE,CV_NUMBER,DATE_UPDATE,DIRECTION,WEB_URL,PARAMETER,START_IMMERSION,STOP_IMMERSION,OLD_QC,NEW_QC
JA,2902366,76,05/12/2013 00:00:00,A,<http://www.ifremer.fr/WC2argoFloats/station?&stationId=31764231>,PSAL,360.2,360.2,1,4
JA,2902458,8,10/11/2013 00:00:00,A,<http://www.ifremer.fr/WC2argoFloats/station?&stationId=31086075>,PSAL,330.4,330.4,1,4
JA,2902458,8,10/11/2013 00:00:00,A,<http://www.ifremer.fr/WC2argoFloats/station?&stationId=31086075>,PSAL,349.5,380.4,1,4

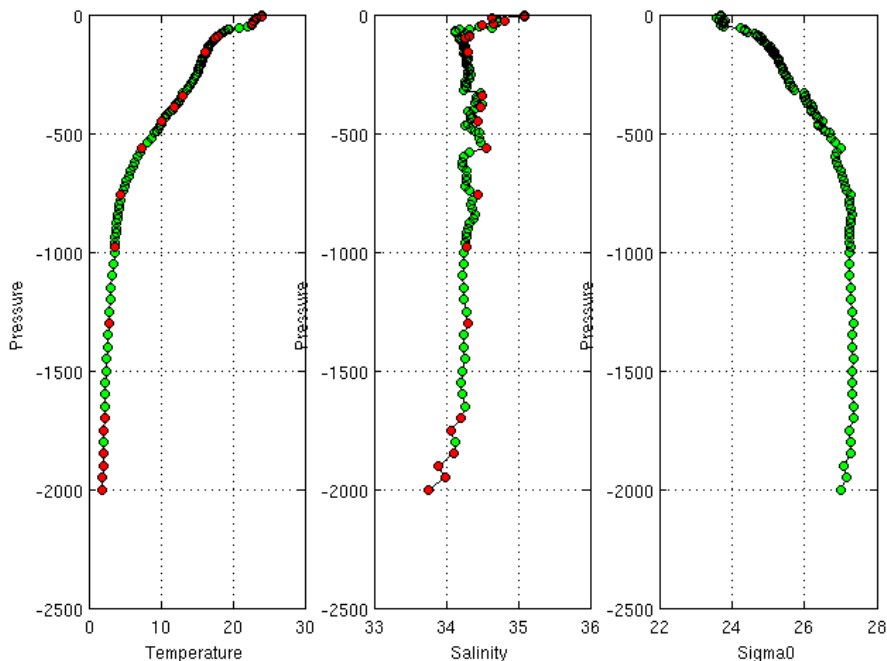
JA,2902458,8,10/11/2013 00:00:00,A,http://www.ifremer.fr/WC2argoFloats/station?&stationId=31086075 ,PSAL,399.9,440.1,1,4
 JA,2902458,8,10/11/2013 00:00:00,A,http://www.ifremer.fr/WC2argoFloats/station?&stationId=31086075 ,PSAL,459.7,541,1,4
 JA,2902458,8,10/11/2013 00:00:00,A,http://www.ifremer.fr/WC2argoFloats/station?&stationId=31086075 ,PSAL,580.5,740.3,1,4
 JA,2902458,8,10/11/2013 00:00:00,A,http://www.ifremer.fr/WC2argoFloats/station?&stationId=31086075 ,PSAL,780.3,960.1,1,4
 JA,2902458,8,10/11/2013 00:00:00,A,http://www.ifremer.fr/WC2argoFloats/station?&stationId=31086075 ,PSAL,1000.1,1250.2,1,4
 JA,2902458,8,10/11/2013 00:00:00,A,http://www.ifremer.fr/WC2argoFloats/station?&stationId=31086075 ,PSAL,1350.3,1650.5,1,4
 JA,2902458,8,10/11/2013 00:00:00,A,http://www.ifremer.fr/WC2argoFloats/station?&stationId=31086075 ,PSAL,1800.1,1800.1,1,4

Example of anomalies: density inversion

Warning Objective Analysis Anomalies 2013 December TEMP PSAL : DAC JA- Float 2902366-76



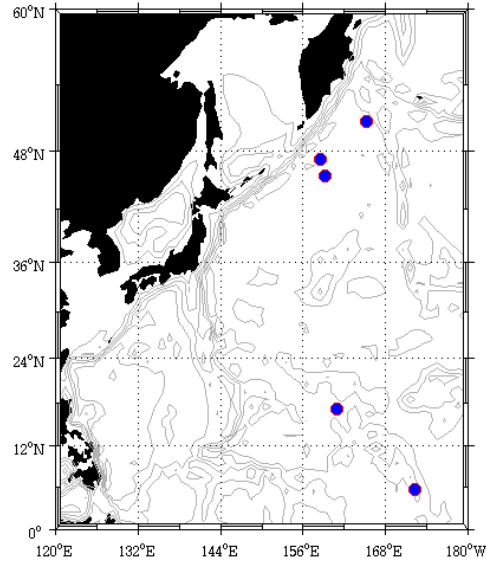
Warning Objective Analysis Anomalies 2013 December TEMP PSAL : DAC JA- Float 2902458-8



7. DAC KMA

Profiles detected by the objective analysis: 5

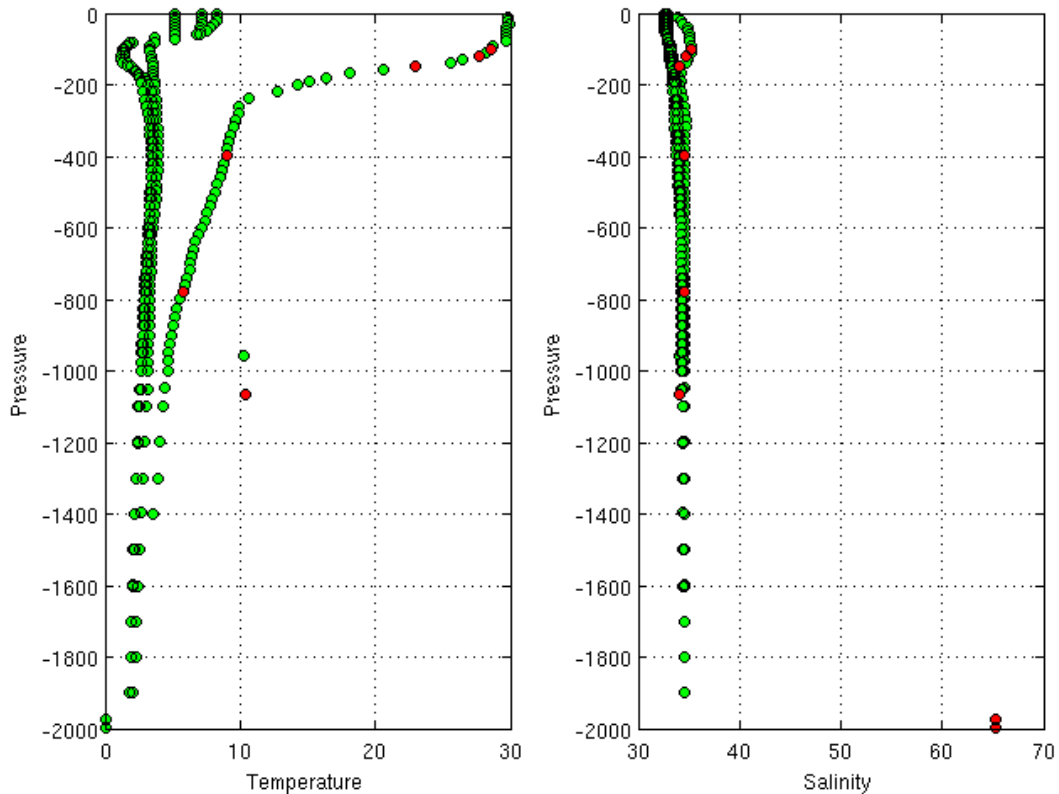
Warning Objective Analysis Anomalies 2013 December



Status of corrections: NOT DONE, NO FEEDBACK

Float : 2900890 - Cycle : 199 - PI : Jang-Won Seo - Data mode : R - INST REF : APEX Profiling Float - Date : 2013 12 1
Float : 2901225 - Cycle : 147 - PI : Sang-Buem Ryu - Data mode : R - INST REF : APEX Profiling Float - Date : 2013 11 15
Float : 2901712 - Cycle : 9 - PI : Young-Hwa Kim - Data mode : R - INST REF : APEX Profiling Float - Date : 2013 11 1
Float : 2901713 - Cycle : 12 - PI : Young-Hwa Kim - Data mode : R - INST REF : APEX Profiling Float - Date : 2013 12 1
Float : 2901715 - Cycle : 12 - PI : Young-Hwa Kim - Data mode : R - INST REF : APEX Profiling Float - Date : 2013 12 2

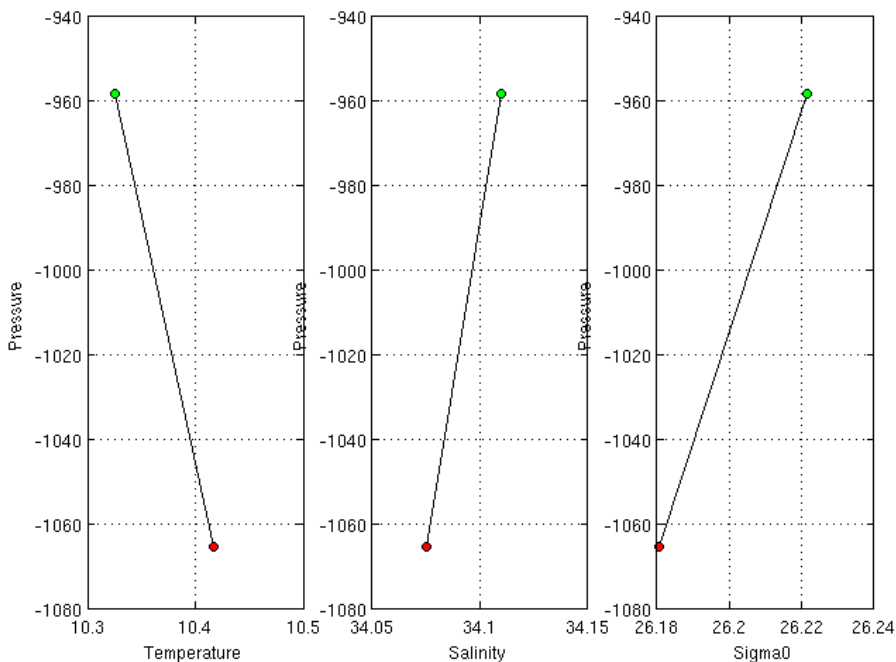
Warning Objective Analysis Anomalies 2013 December TEMP PSAL - DAC KM



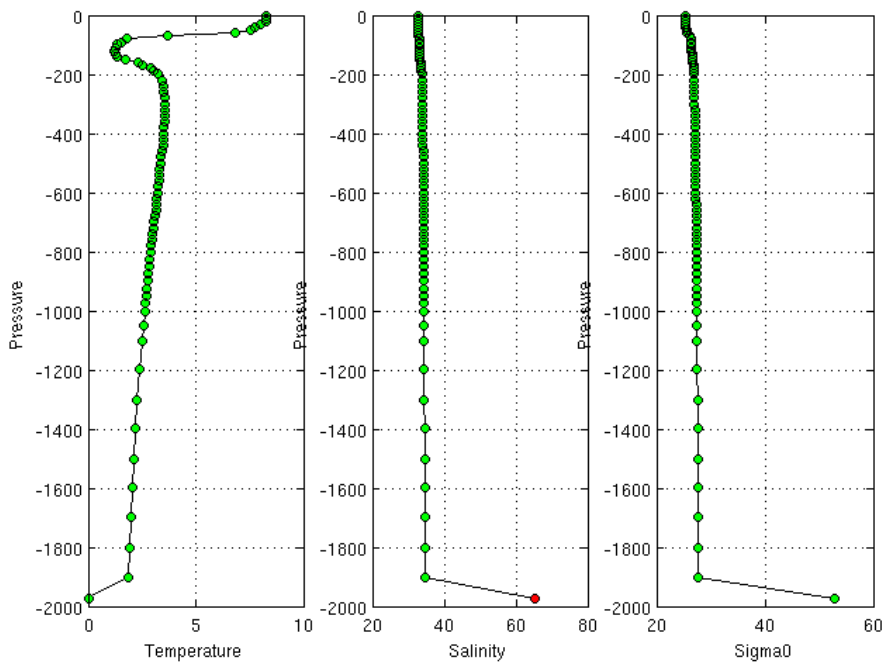
DAC_CODE,PLATFORM_CODE,CV_NUMBER,DATE_UPDATE,DIRECTION,WEB_URL,PARAMETER,START_IMMERSION,STOP_IMMERSION,OLD_QC,NEW_QC
 KM,2901712,9,02/11/2013 00:00:00,A,http://www.ifremer.fr/WC2argoFloats/station?&stationId=31055818 ,TEMP,1971.9,1971.9,1,4
 KM,2900890,199,02/12/2013 00:00:00,A,http://www.ifremer.fr/WC2argoFloats/station?&stationId=31741754 ,TEMP,958.6,958.6,1,4
 KM,2900890,199,02/12/2013 00:00:00,A,http://www.ifremer.fr/WC2argoFloats/station?&stationId=31741754 ,PSAL,958.6,958.6,1,4
 KM,2900890,199,02/12/2013 00:00:00,A,http://www.ifremer.fr/WC2argoFloats/station?&stationId=31741754 ,TEMP,958.6,958.6,1,4
 KM,2901713,12,02/12/2013 00:00:00,A,http://www.ifremer.fr/WC2argoFloats/station?&stationId=31741789 ,TEMP,1997.5,1997.5,1,4
 KM,2901715,12,03/12/2013 00:00:00,A,http://www.ifremer.fr/WC2argoFloats/station?&stationId=31800616 ,TEMP,1997.5,1997.5,1,4

Example of anomalies:

Warning Objective Analysis Anomalies 2013 December TEMP PSAL : DAC KM- Float 2900890-199



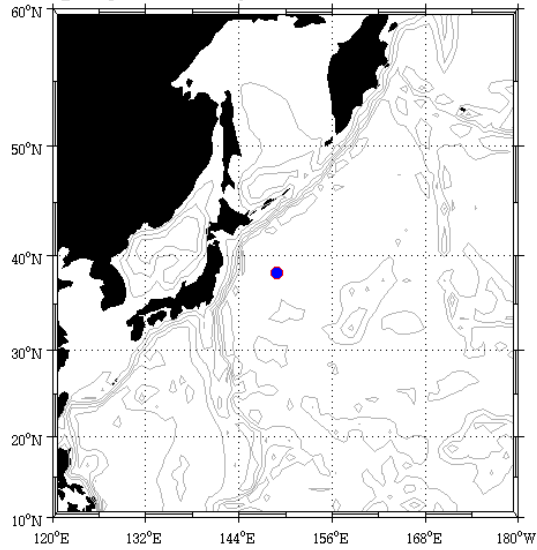
Warning Objective Analysis Anomalies 2013 December TEMP PSAL : DAC KM- Float 2901712-9



8. DAC KORDI

Profiles detected by the objective analysis: 1

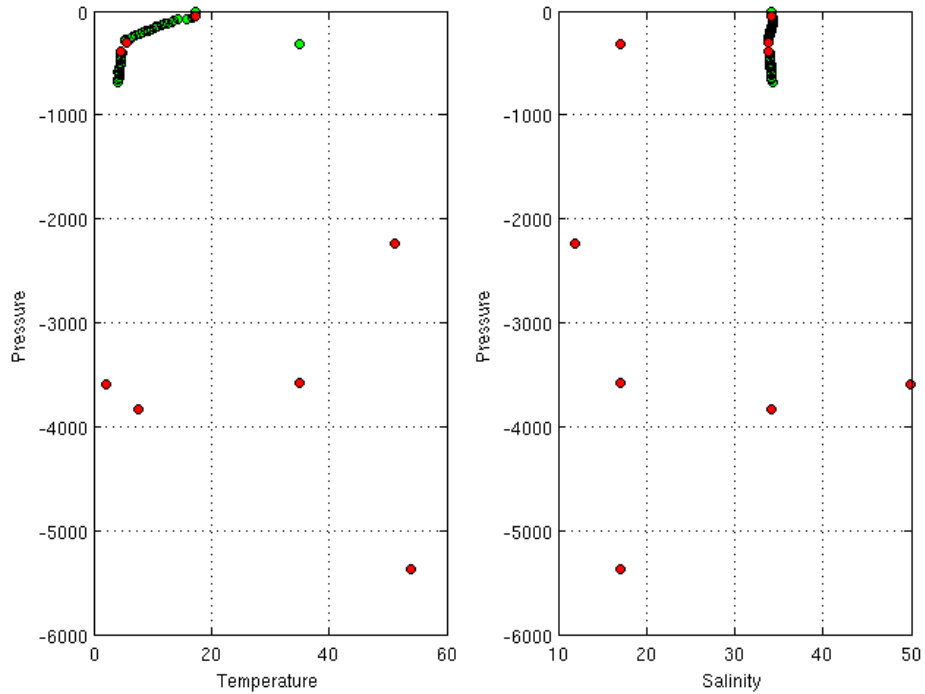
Warning Objective Analysis Anomalies 2013 December



Status of corrections:

Float : 2900784 - Cycle : 272 - PI : Moon-Sik Suk - Data mode : A - INST REF : APEX-SBE 2487 - Date : 2013 11 25

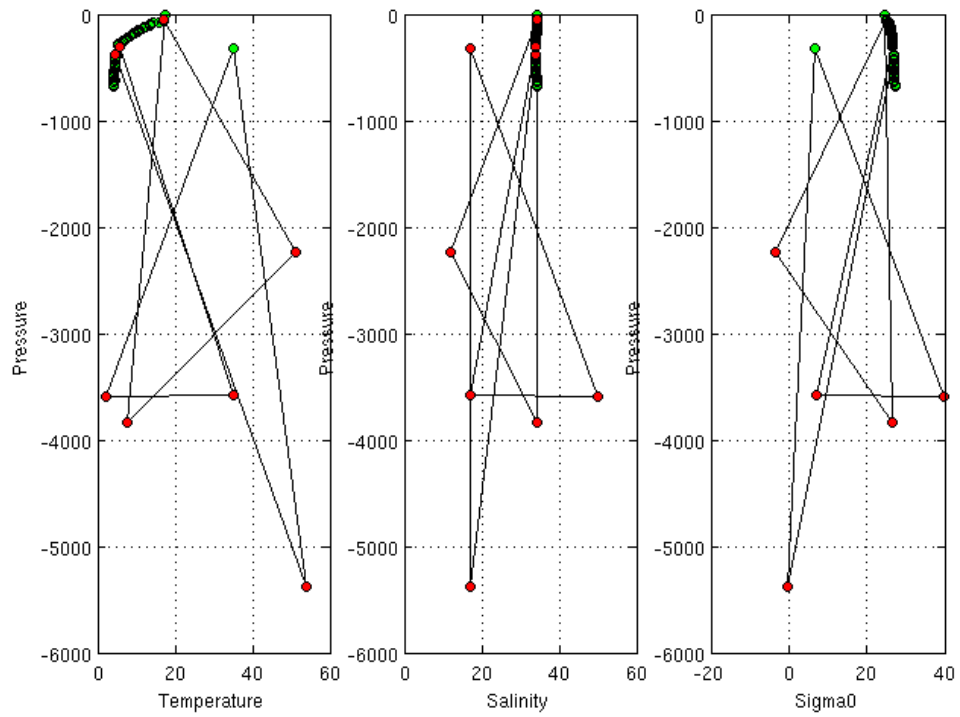
Warning Objective Analysis Anomalies 2013 December TEMP PSAL - DAC KO



DAC_CODE,PLATFORM_CODE,CV_NUMBER,DATE_UPDATE,DIRECTION,WEB_URL,PARAMETER,START_IMMERSION,STOP_IMMERSION,OLD_QC,NEW_QC
KO,2900784,272,29/11/2013 00:00:00,A,<http://www.ifremer.fr/WC2argoFloats/station?&stationId=31697699> ,TEMP,319.5,319.5,1,4

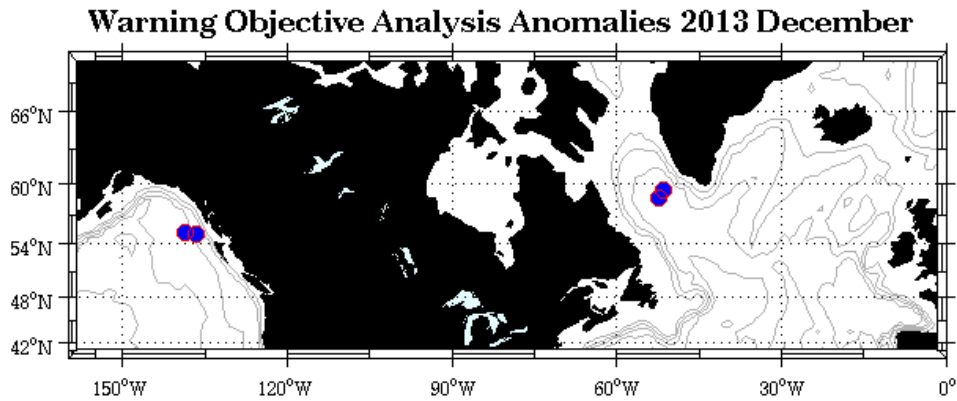
Example of anomalies:

Warning Objective Analysis Anomalies 2013 December TEMP PSAL : DAC KO- Float 2900784-272



9. DAC MEDS

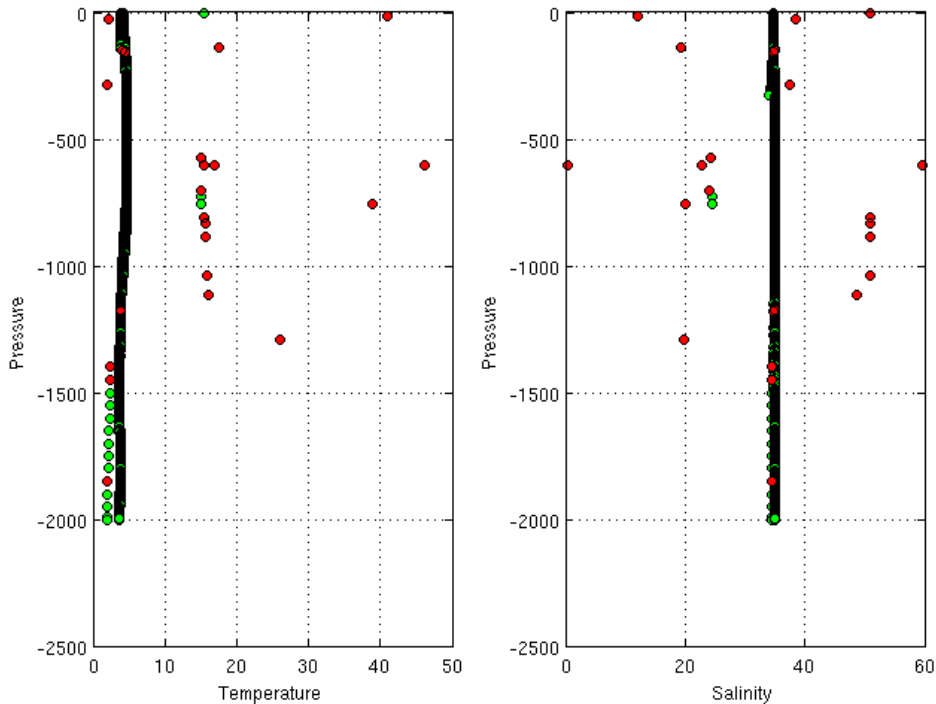
Profiles detected by the objective analysis: 4



Status of corrections: NOT DONE, NO FEEDBACK

Float : 4901136 - Cycle : 124 - PI : Denis Gilbert - Data mode : A - INST REF : - Date : 2013 11 20
Float : 4901136 - Cycle : 126 - PI : Denis Gilbert - Data mode : A - INST REF : - Date : 2013 12 10
Float : 4901200 - Cycle : 51 - PI : Denis Gilbert - Data mode : A - INST REF : - Date : 2013 11 10
Float : 4901200 - Cycle : 54 - PI : Denis Gilbert - Data mode : A - INST REF : - Date : 2013 12 10

Warning Objective Analysis Anomalies 2013 December TEMP PSAL - DAC ME

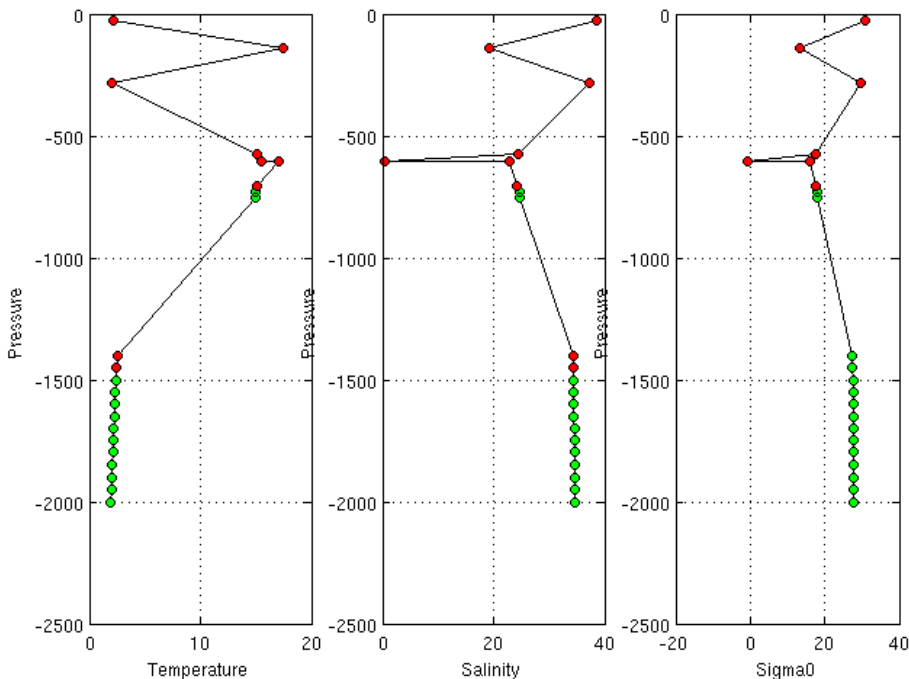


DAC_CODE,PLATFORM_CODE,CV_NUMBER,DATE_UPDATE,DIRECTION,WEB_URL,PARAMETER,START_IMMERSION,STOP_IMMERSION,OLD_QC,NEW_QC
ME,4901136,124,21/11/2013 00:00:00,A,<http://www.ifremer.fr/WC2argoFloats/station?&stationId=31322390> ,PSAL,729.4,755,1,4
ME,4901136,124,21/11/2013 00:00:00,A,<http://www.ifremer.fr/WC2argoFloats/station?&stationId=31322390> ,TEMP,729.4,755,1,4
ME,4901200,54,10/12/2013 00:00:00,A,<http://www.ifremer.fr/WC2argoFloats/station?&stationId=31835279> ,PSAL,135.8,144.2,1,4
ME,4901200,54,10/12/2013 00:00:00,A,<http://www.ifremer.fr/WC2argoFloats/station?&stationId=31835279> ,PSAL,159.6,159.6,1,4
ME,4901136,126,11/12/2013 00:00:00,A,<http://www.ifremer.fr/WC2argoFloats/station?&stationId=31835284> ,PSAL,1900.1,1989.3,1,4
ME,4901136,126,11/12/2013 00:00:00,A,<http://www.ifremer.fr/WC2argoFloats/station?&stationId=31835284> ,TEMP,,7,7,1,4
ME,4901136,126,11/12/2013 00:00:00,A,<http://www.ifremer.fr/WC2argoFloats/station?&stationId=31835284> ,TEMP,1900.1,1989.3,1,4

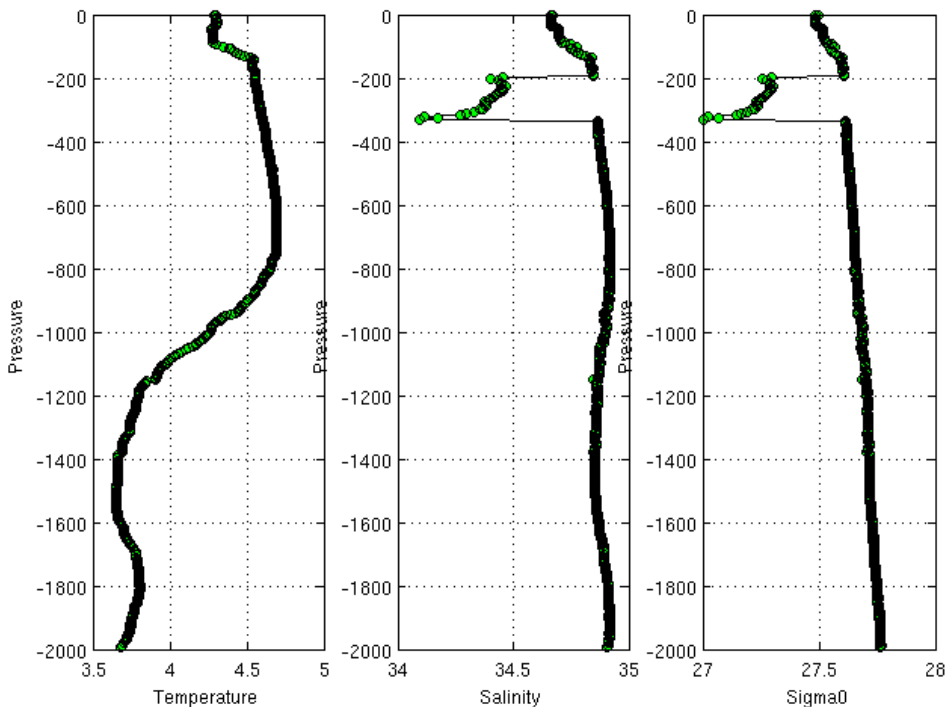
ME,4901200,51,12/11/2013 00:00:00,A,<http://www.ifremer.fr/WC2argoFloats/station?&stationId=31122009> ,PSAL,199.2,329.3,1,4
 ME,4901200,54,10/12/2013 00:00:00,A,<http://www.ifremer.fr/WC2argoFloats/station?&stationId=31835279> ,PSAL,140.8,144.2,1,4
 ME,4901200,54,10/12/2013 00:00:00,A,<http://www.ifremer.fr/WC2argoFloats/station?&stationId=31835279> ,PSAL,159.6,159.6,1,4
 ME,4901136,126,11/12/2013 00:00:00,A,<http://www.ifremer.fr/WC2argoFloats/station?&stationId=31835284> ,PSAL,1900.1,1989.3,1,4
 ME,4901136,126,11/12/2013 00:00:00,A,<http://www.ifremer.fr/WC2argoFloats/station?&stationId=31835284> ,TEMP,7.,7,1,4
 ME,4901136,126,11/12/2013 00:00:00,A,<http://www.ifremer.fr/WC2argoFloats/station?&stationId=31835284> ,TEMP,1900.1,1989.3,1,4

Example of anomalies:

Warning Objective Analysis Anomalies 2013 December TEMP PSAL : DAC ME- Float 4901136-124



Warning Objective Analysis Anomalies 2013 December TEMP PSAL : DAC ME- Float 4901200-51



10. DAC NMDIS

Profiles detected by the objective analysis: 0

Status of corrections:

Example of anomalies:

11. Delayed Mode Anomalies

11.1. BODC

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 = _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ ;
}
```

11.2. CSIO

no adjusted value in real time files !! (but delayed mode exists for first cycles)

E.g. : 5901605 : DM files 001 to 245 RT files 246 to 262

netcdf R5901605_246 {

```
DATE_CREATION = "20130422191738" ;
DATE_UPDATE = "20130422191738" ;
DATA_MODE = "R" ;
PRES_ADJUSTED =
_ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ ;
_ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ ;
TEMP_ADJUSTED =
_ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ ;
_ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ ;
PSAL_ADJUSTED =
_ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ ;
_ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ ;
```

netcdf D5901605_245 {

```
DATE_CREATION = "20130411191811" ;
DATE_UPDATE = "20131004074941" ;
DATA_MODE = "D" ;
PSAL =
```

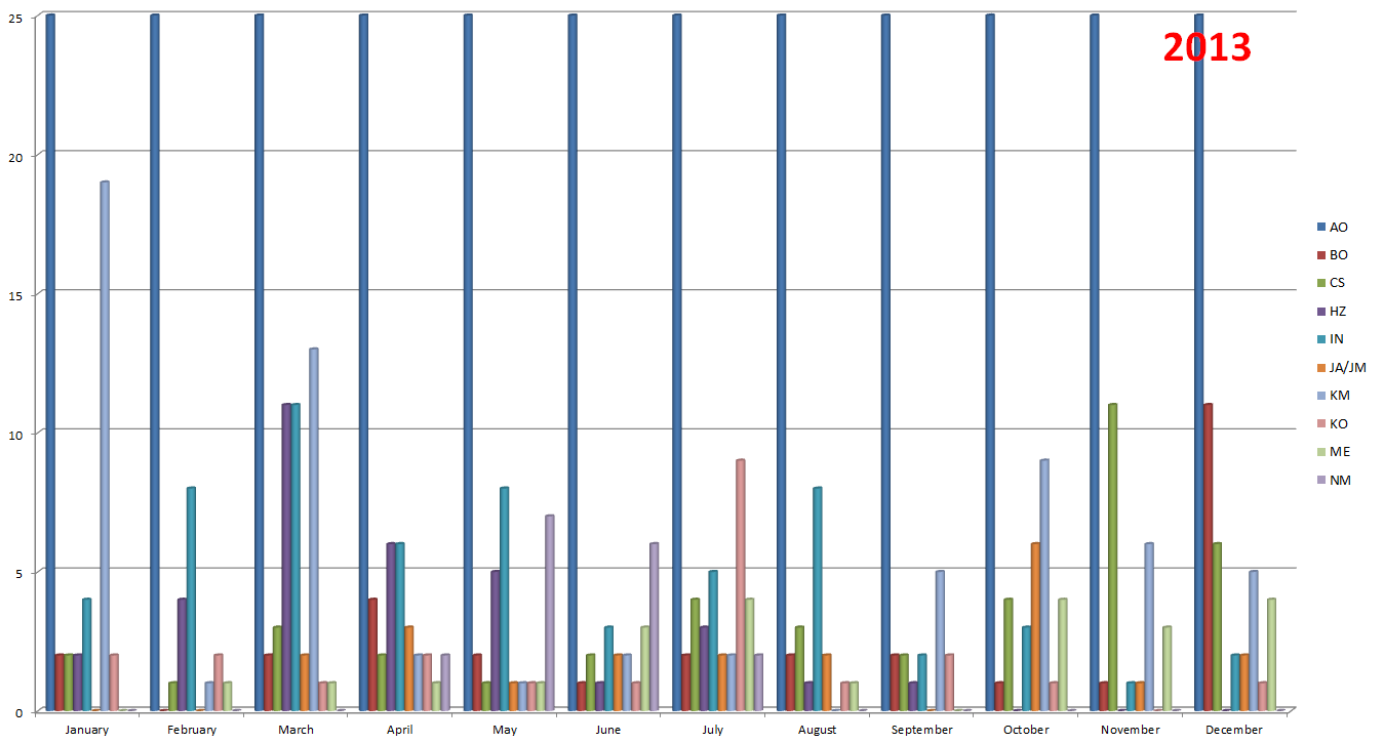
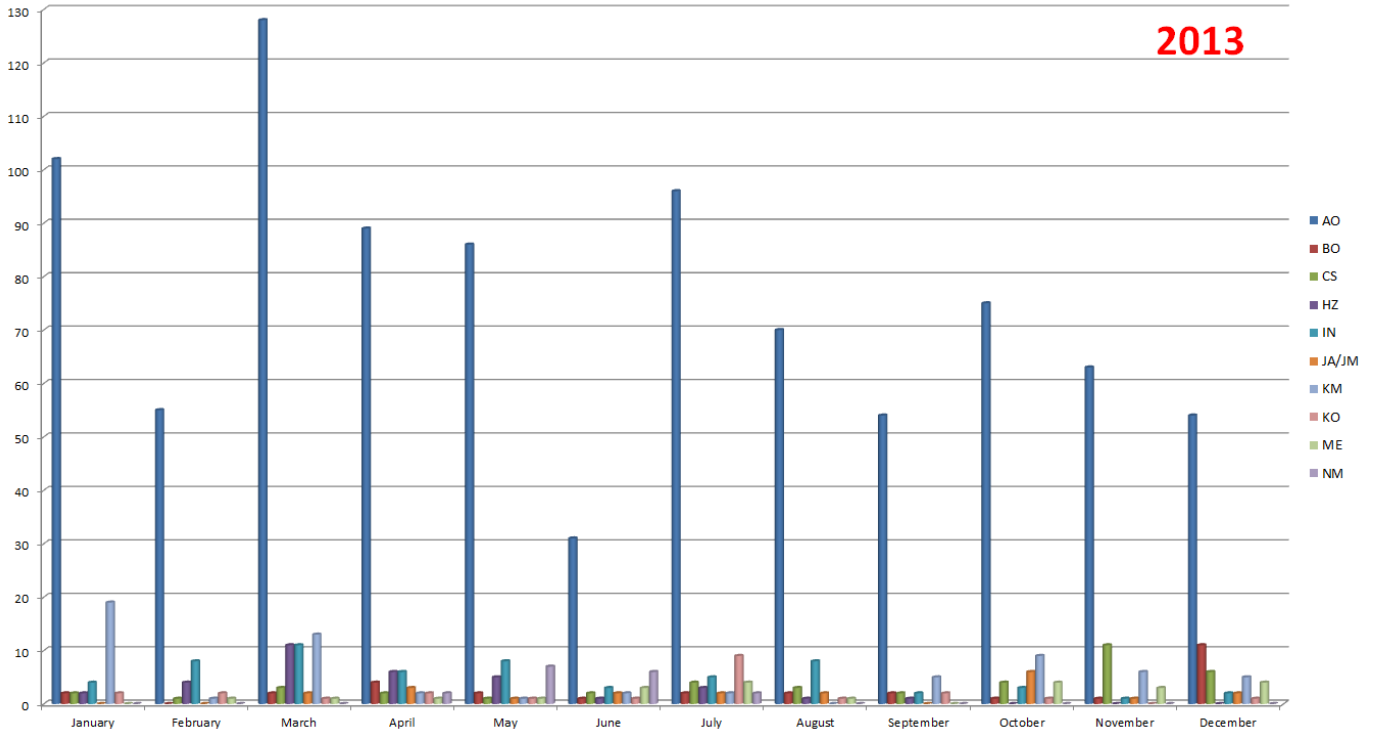

2901632 : all cycles with data_state_indicator="2C" – DM files but still R***.nc and data_mode='R'

```
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

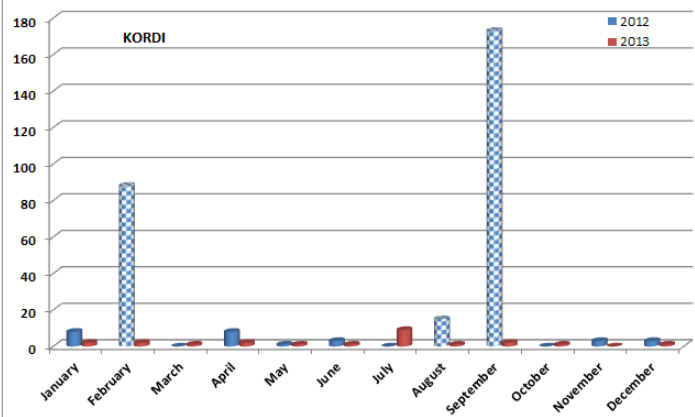
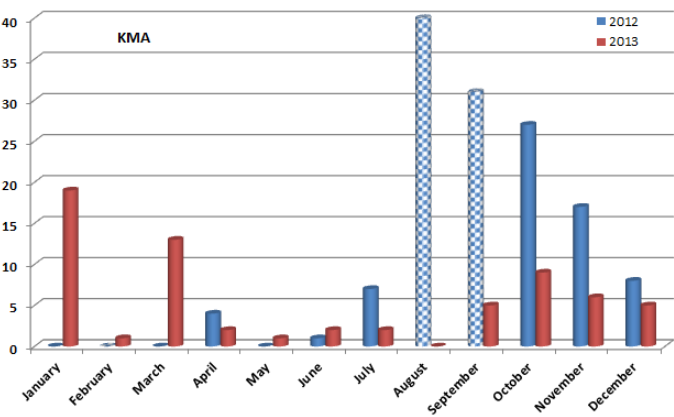
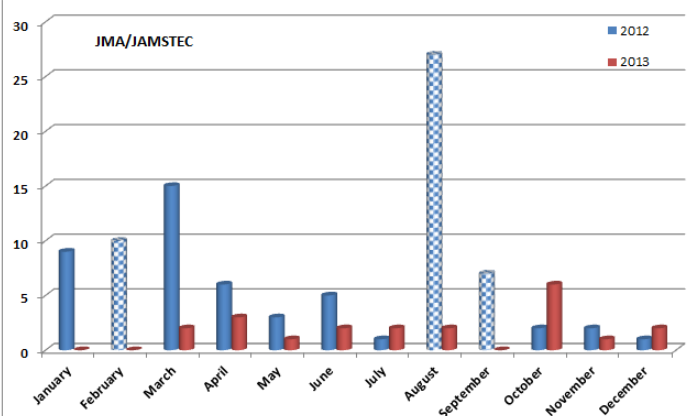
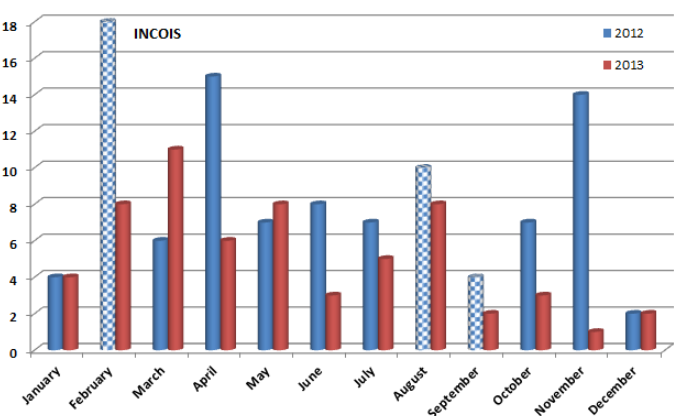
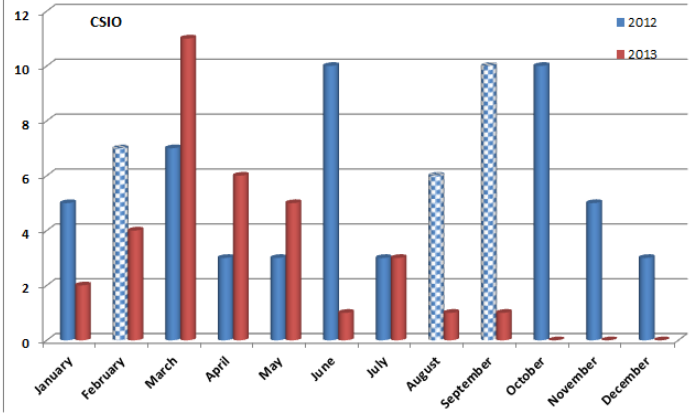
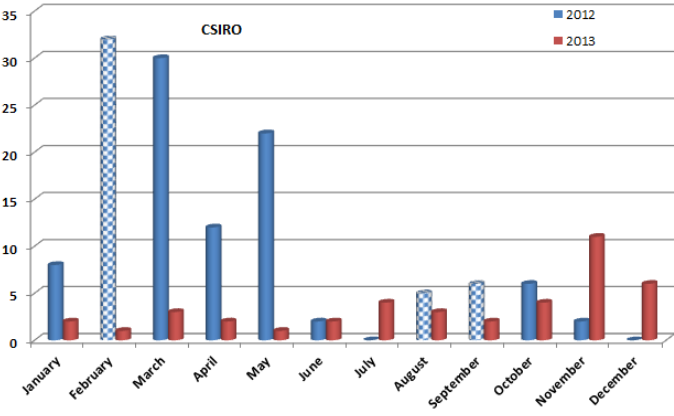
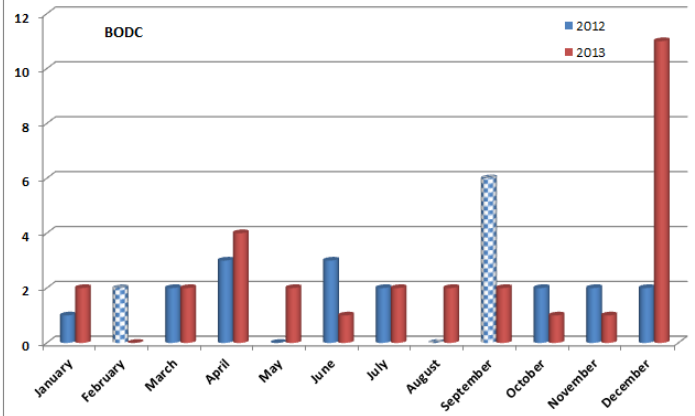
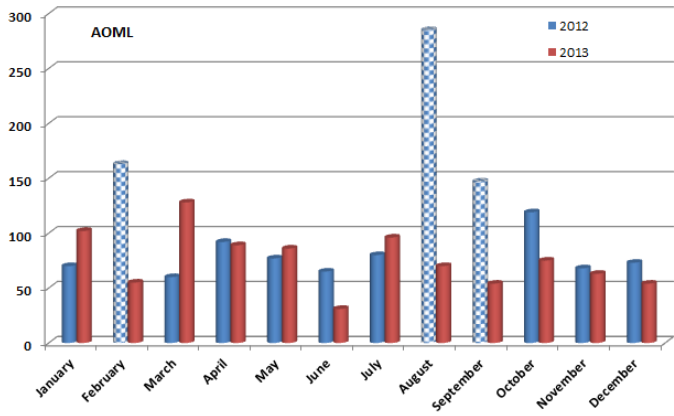
Plots showing evolution of number of anomalies by DAC.

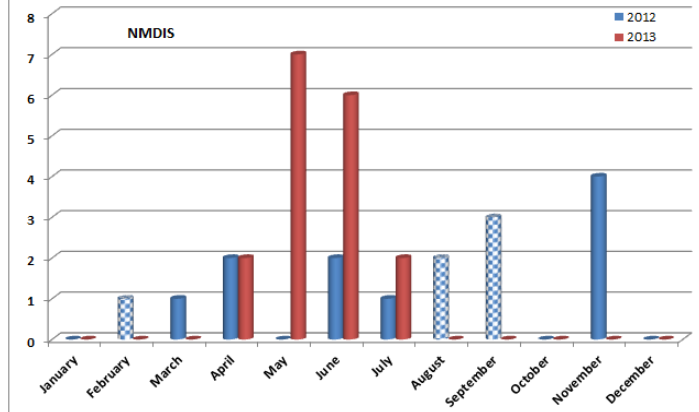
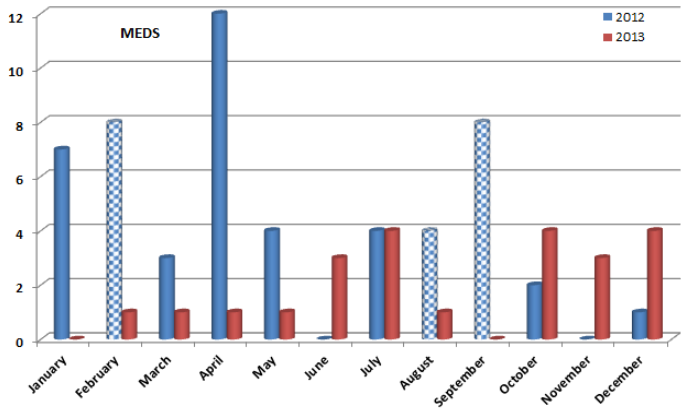
12.1. Year



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

12.2. DAC





12.3. Anomalies by year, by month

