



Anomalies on Argo profiles

From warning objective analysis, netcdf file analysis

June 2014

Christine Coatanoan-Girou

Coriolis

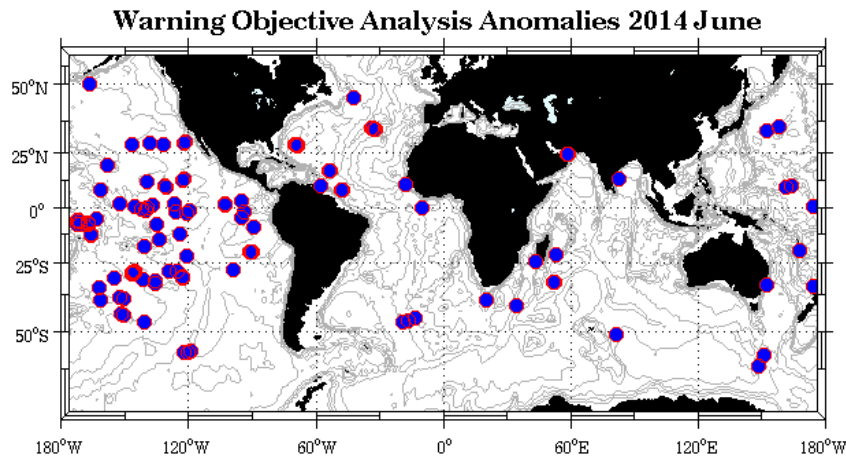
Anomalies by DAC

Summary

| | | |
|-------|-----------------------------------|----|
| 1. | DAC AOML | 3 |
| 2. | DAC BODC | 15 |
| 3. | DAC CSIO | 17 |
| 4. | DAC CSIRO | 19 |
| 5. | DAC INCOIS | 21 |
| 6. | DAC JMA/JAMSTEC | 23 |
| 7. | DAC KMA | 25 |
| 8. | DAC KORDI | 27 |
| 9. | DAC MEDS | 28 |
| 10. | DAC NMDIS | 30 |
| 11. | File anomalies | 32 |
| 11.1. | AOML | 32 |
| 11.2. | KORDI | 32 |
| 12. | Delayed Mode anomalies | 32 |
| 12.1. | BODC – problem n°1 | 32 |
| | BODC – problem n°2 | 32 |
| 12.2. | CSIO | 33 |
| 12.3. | INCOIS | 33 |
| 12.4. | KMA | 34 |
| 12.5. | NMDIS | 34 |
| 13. | Statistics | 36 |
| 13.1. | Year | 36 |
| 13.2. | DAC | 37 |
| 13.3. | Anomalies by year, by month | 38 |

1. DAC AOML

Profiles detected by the objective analysis: 134



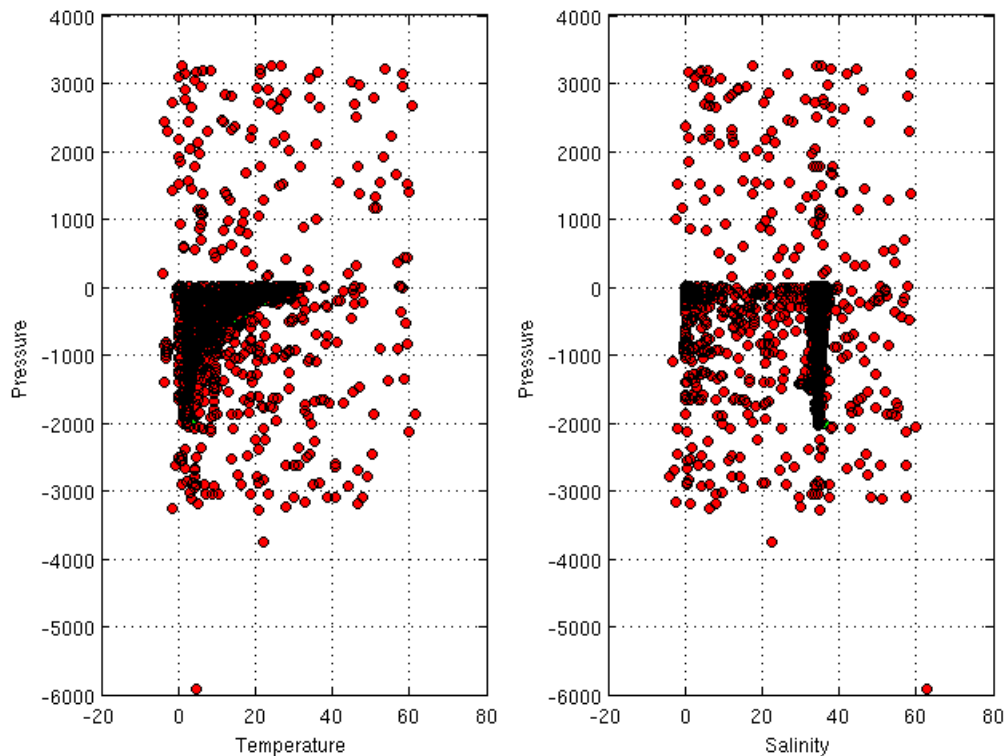
Status of corrections: Done except for few profiles –

Float : 1900804 - Cycle : 205 - PI : DEAN ROEMMICH - Data mode : A - INST REF : SOLO_SBE_2823 - Date : 2014 6 12
Float : 1900976 - Cycle : 181 - PI : GREGORY C. JOHNSON - Data mode : A - INST REF : APEX_SBE_4171 - Date : 2014 6 3
Float : 1901431 - Cycle : 161 - PI : DEAN ROEMMICH - Data mode : R - INST REF : SOLO_SBE_2867 - Date : 2014 6 9
Float : 1901487 - Cycle : 134 - PI : BRECK OWENS - Data mode : R - INST REF : SOLO_SBE_1008 - Date : 2014 6 13
Float : 1901501 - Cycle : 114 - PI : Breck Owens - Data mode : R - INST REF : SOLOIR_SBE_0941 - Date : 2014 6 12
Float : 1901501 - Cycle : 115 - PI : Breck Owens - Data mode : R - INST REF : SOLOIR_SBE_0941 - Date : 2014 6 22
Float : 1901504 - Cycle : 114 - PI : BRECK OWENS - Data mode : R - INST REF : SOLO_SBE_0966 - Date : 2014 6 10
Float : 1901504 - Cycle : 115 - PI : BRECK OWENS - Data mode : R - INST REF : SOLO_SBE_0966 - Date : 2014 6 20
Float : 1901540 - Cycle : 105 - PI : Breck Owens - Data mode : R - INST REF : SOLOIR_SBE_1064 - Date : 2014 6 21
Float : 1901609 - Cycle : 89 - PI : DEAN ROEMMICH - Data mode : R - INST REF : SOLO2IR_SBE_8067 - Date : 2014 6 19
Float : 1901692 - Cycle : 27 - PI : Breck Owens, Steve Jayne, and P.E. Robbi - Data mode : R - INST REF : SOLO2IR_SBE_7159 - Date : 2014 5 17
Float : 2901418 - Cycle : 170 - PI : CARL SZCZECOWSKI - Data mode : A - INST REF : APEX_SBE_5910 - Date : 2014 5 27
Float : 2901418 - Cycle : 171 - PI : CARL SZCZECOWSKI - Data mode : R - INST REF : APEX_SBE_5910 - Date : 2014 5 31
Float : 2901418 - Cycle : 172 - PI : CARL SZCZECOWSKI - Data mode : R - INST REF : APEX_SBE_5910 - Date : 2014 6 4
Float : 2901418 - Cycle : 173 - PI : CARL SZCZECOWSKI - Data mode : A - INST REF : APEX_SBE_5910 - Date : 2014 6 8
Float : 2901418 - Cycle : 174 - PI : CARL SZCZECOWSKI - Data mode : A - INST REF : APEX_SBE_5910 - Date : 2014 6 12
Float : 2901418 - Cycle : 175 - PI : CARL SZCZECOWSKI - Data mode : A - INST REF : APEX_SBE_5910 - Date : 2014 6 16
Float : 2901418 - Cycle : 176 - PI : CARL SZCZECOWSKI - Data mode : A - INST REF : APEX_SBE_5910 - Date : 2014 6 20
Float : 2901418 - Cycle : 177 - PI : CARL SZCZECOWSKI - Data mode : A - INST REF : APEX_SBE_5910 - Date : 2014 6 24
Float : 2901450 - Cycle : 100 - PI : CARL SZCZECOWSKI - Data mode : A - INST REF : APEX_SBE_6492 - Date : 2014 5 29
Float : 3900702 - Cycle : 210 - PI : DEAN ROEMMICH - Data mode : R - INST REF : SOLO_SBE_2808 - Date : 2014 6 27
Float : 3900762 - Cycle : 129 - PI : BRECK OWENS - Data mode : R - INST REF : SOLO_SBE_0982 - Date : 2014 6 22
Float : 3901002 - Cycle : 75 - PI : Breck Owens - Data mode : R - INST REF : SOLO2IR_SBE_7039 - Date : 2014 5 15
Float : 3901149 - Cycle : 46 - PI : Gregory C. Johnson - Data mode : R - INST REF : NAVISIR_SBE_0192 - Date : 2014 6 26
Float : 3901154 - Cycle : 42 - PI : Gregory C. Johnson - Data mode : R - INST REF : NAVISIR_SBE_0197 - Date : 2014 5 20
Float : 3901154 - Cycle : 43 - PI : Gregory C. Johnson - Data mode : R - INST REF : NAVISIR_SBE_0197 - Date : 2014 5 30
Float : 3901157 - Cycle : 46 - PI : Gregory C. Johnson - Data mode : R - INST REF : NAVISIR_SBE_0210 - Date : 2014 6 22
Float : 3901178 - Cycle : 2 - PI : Gregory C. Johnson - Data mode : R - INST REF : NAVISIR_SBE_0313 - Date : 2014 6 27
Float : 3901186 - Cycle : 8 - PI : Gregory C. Johnson - Data mode : R - INST REF : NAVISIR_SBE_0299 - Date : 2014 6 7
Float : 4900658 - Cycle : 294 - PI : GREGORY C. JOHNSON - Data mode : A - INST REF : APEX_SBE_2160 - Date : 2014 6 6
Float : 4900658 - Cycle : 295 - PI : GREGORY C. JOHNSON - Data mode : A - INST REF : APEX_SBE_2160 - Date : 2014 6 17
Float : 4900853 - Cycle : 203 - PI : GREGORY C. JOHNSON - Data mode : R - INST REF : APEX_SBE_3966 - Date : 2014 6 1
Float : 4900853 - Cycle : 204 - PI : GREGORY C. JOHNSON - Data mode : R - INST REF : APEX_SBE_3966 - Date : 2014 6 11
Float : 4901016 - Cycle : 198 - PI : BRECK OWENS - Data mode : R - INST REF : SOLO_SBE_SL883 - Date : 2014 5 31
Float : 4901016 - Cycle : 199 - PI : BRECK OWENS - Data mode : R - INST REF : SOLO_SBE_SL883 - Date : 2014 6 10
Float : 4901016 - Cycle : 200 - PI : BRECK OWENS - Data mode : R - INST REF : SOLO_SBE_SL883 - Date : 2014 6 20
Float : 4901451 - Cycle : 50 - PI : BRECK OWENS - Data mode : R - INST REF : SOLO_SBE_1098 - Date : 2014 5 27
Float : 4901451 - Cycle : 51 - PI : BRECK OWENS - Data mode : R - INST REF : SOLO_SBE_1098 - Date : 2014 6 6
Float : 4901451 - Cycle : 52 - PI : BRECK OWENS - Data mode : R - INST REF : SOLO_SBE_1098 - Date : 2014 6 16
Float : 4901451 - Cycle : 53 - PI : BRECK OWENS - Data mode : R - INST REF : SOLO_SBE_1098 - Date : 2014 6 26
Float : 4901586 - Cycle : 27 - PI : Breck Owens, Steve Jayne, and P.E. Robbi - Data mode : R - INST REF : SOLO2IR_SBE_7174 - Date : 2014 5 11

Float : 4901586 - Cycle : 28 - PI : Breck Owens, Steve Jayne, and P.E. Robbi - Data mode : R - INST REF : SOLO2IR_SBE_7174 - Date : 2014 5 21
 Float : 4901586 - Cycle : 29 - PI : Breck Owens, Steve Jayne, and P.E. Robbi - Data mode : R - INST REF : SOLO2IR_SBE_7174 - Date : 2014 5 31
 Float : 4901586 - Cycle : 30 - PI : Breck Owens, Steve Jayne, and P.E. Robbi - Data mode : R - INST REF : SOLO2IR_SBE_7174 - Date : 2014 6 10
 Float : 4901586 - Cycle : 31 - PI : Breck Owens, Steve Jayne, and P.E. Robbi - Data mode : R - INST REF : SOLO2IR_SBE_7174 - Date : 2014 6 20
 Float : 5900425 - Cycle : 360 - PI : STEPHEN RISER - Data mode : R - INST REF : APEX_SBE_1030 - Date : 2014 6 5
 Float : 5900665 - Cycle : 338 - PI : GREGORY C. JOHNSON - Data mode : A - INST REF : APEX_SBE_1592 - Date : 2014 6 5
 Float : 5900665 - Cycle : 339 - PI : GREGORY C. JOHNSON - Data mode : A - INST REF : APEX_SBE_1592 - Date : 2014 6 15
 Float : 5900665 - Cycle : 340 - PI : GREGORY C. JOHNSON - Data mode : A - INST REF : APEX_SBE_1592 - Date : 2014 6 26
 Float : 5900696 - Cycle : 331 - PI : STEPHEN RISER - Data mode : R - INST REF : APEX_SBE_1708 - Date : 2014 6 4
 Float : 5900696 - Cycle : 332 - PI : STEPHEN RISER - Data mode : R - INST REF : APEX_SBE_1708 - Date : 2014 6 15
 Float : 5900696 - Cycle : 333 - PI : STEPHEN RISER - Data mode : R - INST REF : APEX_SBE_1708 - Date : 2014 6 26
 Float : 5900709 - Cycle : 324 - PI : GREGORY C. JOHNSON - Data mode : A - INST REF : APEX_SBE_1773 - Date : 2014 6 10
 Float : 5900709 - Cycle : 325 - PI : GREGORY C. JOHNSON - Data mode : A - INST REF : APEX_SBE_1773 - Date : 2014 6 20
 Float : 5900882 - Cycle : 320 - PI : GREGORY C. JOHNSON - Data mode : A - INST REF : APEX_SBE_1876 - Date : 2014 5 28
 Float : 5900882 - Cycle : 322 - PI : GREGORY C. JOHNSON - Data mode : A - INST REF : APEX_SBE_1876 - Date : 2014 6 18
 Float : 5900886 - Cycle : 320 - PI : GREGORY C. JOHNSON - Data mode : A - INST REF : APEX_SBE_1880 - Date : 2014 6 9
 Float : 5900945 - Cycle : 316 - PI : STEPHEN RISER - Data mode : A - INST REF : APEX_SBE_1897 - Date : 2014 6 16
 Float : 5901012 - Cycle : 303 - PI : GREGORY C. JOHNSON - Data mode : A - INST REF : APEX_SBE_2156 - Date : 2014 5 26
 Float : 5901012 - Cycle : 304 - PI : GREGORY C. JOHNSON - Data mode : A - INST REF : APEX_SBE_2156 - Date : 2014 6 6
 Float : 5901012 - Cycle : 305 - PI : GREGORY C. JOHNSON - Data mode : A - INST REF : APEX_SBE_2156 - Date : 2014 6 16
 Float : 5901012 - Cycle : 306 - PI : GREGORY C. JOHNSON - Data mode : A - INST REF : APEX_SBE_2156 - Date : 2014 6 27
 Float : 5901014 - Cycle : 303 - PI : GREGORY C. JOHNSON - Data mode : A - INST REF : APEX_SBE_2158 - Date : 2014 6 6
 Float : 5901014 - Cycle : 304 - PI : GREGORY C. JOHNSON - Data mode : A - INST REF : APEX_SBE_2158 - Date : 2014 6 17
 Float : 5901895 - Cycle : 205 - PI : STEPHEN RISER - Data mode : A - INST REF : APEX_SBE_3939 - Date : 2014 6 13
 Float : 5901897 - Cycle : 204 - PI : STEPHEN RISER - Data mode : A - INST REF : APEX_SBE_3941 - Date : 2014 6 4
 Float : 5901897 - Cycle : 205 - PI : STEPHEN RISER - Data mode : A - INST REF : APEX_SBE_3941 - Date : 2014 6 14
 Float : 5902080 - Cycle : 203 - PI : STEPHEN RISER - Data mode : A - INST REF : APEX_SBE_3946 - Date : 2014 6 19
 Float : 5902086 - Cycle : 200 - PI : STEPHEN RISER - Data mode : A - INST REF : APEX_SBE_3832 - Date : 2014 5 23
 Float : 5902216 - Cycle : 190 - PI : GREGORY C. JOHNSON - Data mode : R - INST REF : APEX_SBE_4017 - Date : 2014 5 13
 Float : 5902216 - Cycle : 193 - PI : GREGORY C. JOHNSON - Data mode : R - INST REF : APEX_SBE_4017 - Date : 2014 6 14
 Float : 5902219 - Cycle : 191 - PI : GREGORY C. JOHNSON - Data mode : A - INST REF : APEX_SBE_4020 - Date : 2014 6 14
 Float : 5902236 - Cycle : 102 - PI : Gregory C. Johnson - Data mode : A - INST REF : APEXIR_SBE_5413 - Date : 2014 5 16
 Float : 5902245 - Cycle : 177 - PI : GREGORY C. JOHNSON - Data mode : A - INST REF : APEX_SBE_4092 - Date : 2014 5 18
 Float : 5902245 - Cycle : 179 - PI : GREGORY C. JOHNSON - Data mode : A - INST REF : APEX_SBE_4092 - Date : 2014 6 8
 Float : 5902245 - Cycle : 180 - PI : GREGORY C. JOHNSON - Data mode : A - INST REF : APEX_SBE_4092 - Date : 2014 6 19
 Float : 5902249 - Cycle : 102 - PI : Gregory C. Johnson - Data mode : A - INST REF : APEXIR_SBE_5409 - Date : 2014 6 7
 Float : 5903424 - Cycle : 95 - PI : STEPHEN RISER - Data mode : A - INST REF : APEX_SBE_4932 - Date : 2014 6 1
 Float : 5903424 - Cycle : 96 - PI : STEPHEN RISER - Data mode : A - INST REF : APEX_SBE_4932 - Date : 2014 6 11
 Float : 5903436 - Cycle : 96 - PI : STEPHEN RISER - Data mode : A - INST REF : APEX_SBE_4936 - Date : 2014 5 20
 Float : 5903441 - Cycle : 96 - PI : STEPHEN RISER - Data mode : A - INST REF : APEX_SBE_5333 - Date : 2014 5 13
 Float : 5903441 - Cycle : 99 - PI : STEPHEN RISER - Data mode : A - INST REF : APEX_SBE_5333 - Date : 2014 6 13
 Float : 5903441 - Cycle : 100 - PI : STEPHEN RISER - Data mode : A - INST REF : APEX_SBE_5333 - Date : 2014 6 23
 Float : 5903459 - Cycle : 126 - PI : Gregory C. Johnson - Data mode : A - INST REF : APEXIR_SBE_4603 - Date : 2014 5 10
 Float : 5903557 - Cycle : 114 - PI : Gregory C. Johnson - Data mode : A - INST REF : APEXIR_SBE_5415 - Date : 2014 6 5
 Float : 5903560 - Cycle : 112 - PI : Gregory C. Johnson - Data mode : A - INST REF : APEXIR_SBE_5422 - Date : 2014 5 6
 Float : 5903594 - Cycle : 189 - PI : Stephen Riser - Data mode : A - INST REF : APEXIR_SBE_5070 - Date : 2014 6 8
 Float : 5903598 - Cycle : 96 - PI : STEPHEN RISER - Data mode : A - INST REF : APEX_SBE_5651 - Date : 2014 6 23
 Float : 5903606 - Cycle : 94 - PI : STEPHEN RISER - Data mode : A - INST REF : APEX_SBE_5737 - Date : 2014 6 1
 Float : 5903721 - Cycle : 115 - PI : Stephen Riser - Data mode : A - INST REF : APEXIR_SBE_5305 - Date : 2014 4 30
 Float : 5903721 - Cycle : 117 - PI : Stephen Riser - Data mode : A - INST REF : APEXIR_SBE_5305 - Date : 2014 5 14
 Float : 5903721 - Cycle : 120 - PI : Stephen Riser - Data mode : A - INST REF : APEXIR_SBE_5305 - Date : 2014 6 4
 Float : 5903769 - Cycle : 98 - PI : DEAN ROEMMICH - Data mode : R - INST REF : SOLO2IR_SBE_8056 - Date : 2014 4 29
 Float : 5903844 - Cycle : 71 - PI : Gregory C. Johnson - Data mode : R - INST REF : NAVISIR_SBE_0144 - Date : 2014 5 22
 Float : 5903849 - Cycle : 61 - PI : DEAN ROEMMICH - Data mode : R - INST REF : SOLO2IR_SBE_8076 - Date : 2014 5 13
 Float : 5903892 - Cycle : 127 - PI : Stephen Riser - Data mode : A - INST REF : APEXIR_SBE_6344 - Date : 2014 5 25
 Float : 5903974 - Cycle : 52 - PI : STEPHEN RISER - Data mode : R - INST REF : APEX_SBE_5849 - Date : 2014 5 6
 Float : 5903974 - Cycle : 53 - PI : STEPHEN RISER - Data mode : A - INST REF : APEX_SBE_5849 - Date : 2014 5 17
 Float : 5903974 - Cycle : 56 - PI : STEPHEN RISER - Data mode : A - INST REF : APEX_SBE_5849 - Date : 2014 6 16
 Float : 5903975 - Cycle : 56 - PI : STEPHEN RISER - Data mode : A - INST REF : APEX_SBE_5851 - Date : 2014 6 5
 Float : 5903976 - Cycle : 56 - PI : STEPHEN RISER - Data mode : A - INST REF : APEX_SBE_5848 - Date : 2014 6 19
 Float : 5903977 - Cycle : 53 - PI : STEPHEN RISER - Data mode : R - INST REF : APEX_SBE_6118 - Date : 2014 5 13
 Float : 5903977 - Cycle : 54 - PI : STEPHEN RISER - Data mode : A - INST REF : APEX_SBE_6118 - Date : 2014 5 24
 Float : 5903977 - Cycle : 57 - PI : STEPHEN RISER - Data mode : A - INST REF : APEX_SBE_6118 - Date : 2014 6 23
 Float : 5903978 - Cycle : 56 - PI : STEPHEN RISER - Data mode : R - INST REF : APEX_SBE_6119 - Date : 2014 6 12
 Float : 5903979 - Cycle : 53 - PI : STEPHEN RISER - Data mode : A - INST REF : APEX_SBE_5850 - Date : 2014 5 18
 Float : 5903980 - Cycle : 54 - PI : STEPHEN RISER - Data mode : A - INST REF : APEX_SBE_5852 - Date : 2014 5 25
 Float : 5903982 - Cycle : 53 - PI : STEPHEN RISER - Data mode : A - INST REF : APEX_SBE_6220 - Date : 2014 5 17
 Float : 5903982 - Cycle : 54 - PI : STEPHEN RISER - Data mode : A - INST REF : APEX_SBE_6220 - Date : 2014 5 27

Float : 5903982 - Cycle : 55 - PI : STEPHEN RISER - Data mode : A - INST REF : APEX_SBE_6220 - Date : 2014 6 6
 Float : 5903982 - Cycle : 56 - PI : STEPHEN RISER - Data mode : A - INST REF : APEX_SBE_6220 - Date : 2014 6 17
 Float : 5903984 - Cycle : 54 - PI : STEPHEN RISER - Data mode : A - INST REF : APEX_SBE_6222 - Date : 2014 5 21
 Float : 5903984 - Cycle : 56 - PI : STEPHEN RISER - Data mode : A - INST REF : APEX_SBE_6222 - Date : 2014 6 11
 Float : 5903984 - Cycle : 57 - PI : STEPHEN RISER - Data mode : A - INST REF : APEX_SBE_6222 - Date : 2014 6 21
 Float : 5903985 - Cycle : 53 - PI : STEPHEN RISER - Data mode : A - INST REF : APEX_SBE_6223 - Date : 2014 5 20
 Float : 5903986 - Cycle : 55 - PI : STEPHEN RISER - Data mode : A - INST REF : APEX_SBE_6224 - Date : 2014 6 11
 Float : 5903987 - Cycle : 55 - PI : STEPHEN RISER - Data mode : A - INST REF : APEX_SBE_6225 - Date : 2014 6 11
 Float : 5904026 - Cycle : 100 - PI : Stephen Riser - Data mode : A - INST REF : APEXIR_SBE_6175 - Date : 2014 5 17
 Float : 5904054 - Cycle : 33 - PI : Gregory C. Johnson - Data mode : R - INST REF : NAVISIR_SBE_0212 - Date : 2014 5 14
 Float : 5904069 - Cycle : 58 - PI : DEAN ROEMMICH - Data mode : R - INST REF : SOLO2IR_SBE_8109 - Date : 2014 5 22
 Float : 5904113 - Cycle : 27 - PI : STEPHEN RISER - Data mode : A - INST REF : APEX_SBE_6390 - Date : 2014 5 12
 Float : 5904187 - Cycle : 6 - PI : Stephen Riser - Data mode : A - INST REF : APEXIR_SBE_6714 - Date : 2014 5 15
 Float : 5904187 - Cycle : 12 - PI : Stephen Riser - Data mode : A - INST REF : APEXIR_SBE_6714 - Date : 2014 6 16
 Float : 5904197 - Cycle : 52 - PI : DEAN ROEMMICH - Data mode : R - INST REF : SOLOIR_SBE_3070 - Date : 2014 6 13
 Float : 5904275 - Cycle : 4 - PI : Gregory C. Johnson - Data mode : R - INST REF : NAVISIR_SBE_0164 - Date : 2014 5 19
 Float : 5904277 - Cycle : 4 - PI : Gregory C. Johnson - Data mode : R - INST REF : NAVISIR_SBE_0168 - Date : 2014 5 19
 Float : 5904325 - Cycle : 59 - PI : CARL SZCZECZOWSKI - Data mode : A - INST REF : APEX_SBE_6483 - Date : 2014 5 30
 Float : 5904325 - Cycle : 62 - PI : CARL SZCZECZOWSKI - Data mode : A - INST REF : APEX_SBE_6483 - Date : 2014 6 11
 Float : 5904325 - Cycle : 63 - PI : CARL SZCZECZOWSKI - Data mode : A - INST REF : APEX_SBE_6483 - Date : 2014 6 15
 Float : 5904325 - Cycle : 64 - PI : CARL SZCZECZOWSKI - Data mode : A - INST REF : APEX_SBE_6483 - Date : 2014 6 19
 Float : 5904325 - Cycle : 65 - PI : CARL SZCZECZOWSKI - Data mode : A - INST REF : APEX_SBE_6483 - Date : 2014 6 23
 Float : 5904334 - Cycle : 47 - PI : DEAN ROEMMICH - Data mode : R - INST REF : SOLO2IR_SBE_8137 - Date : 2014 6 22
 Float : 5904502 - Cycle : 18 - PI : DEAN ROEMMICH - Data mode : R - INST REF : SOLO2IR_SBE_8215 - Date : 2014 5 16
 Float : 5904519 - Cycle : 18 - PI : DEAN ROEMMICH - Data mode : R - INST REF : SOLO2IR_SBE_8232 - Date : 2014 6 15

Warning Objective Analysis Anomalies 2014 June TEMP PSAL - DAC AO



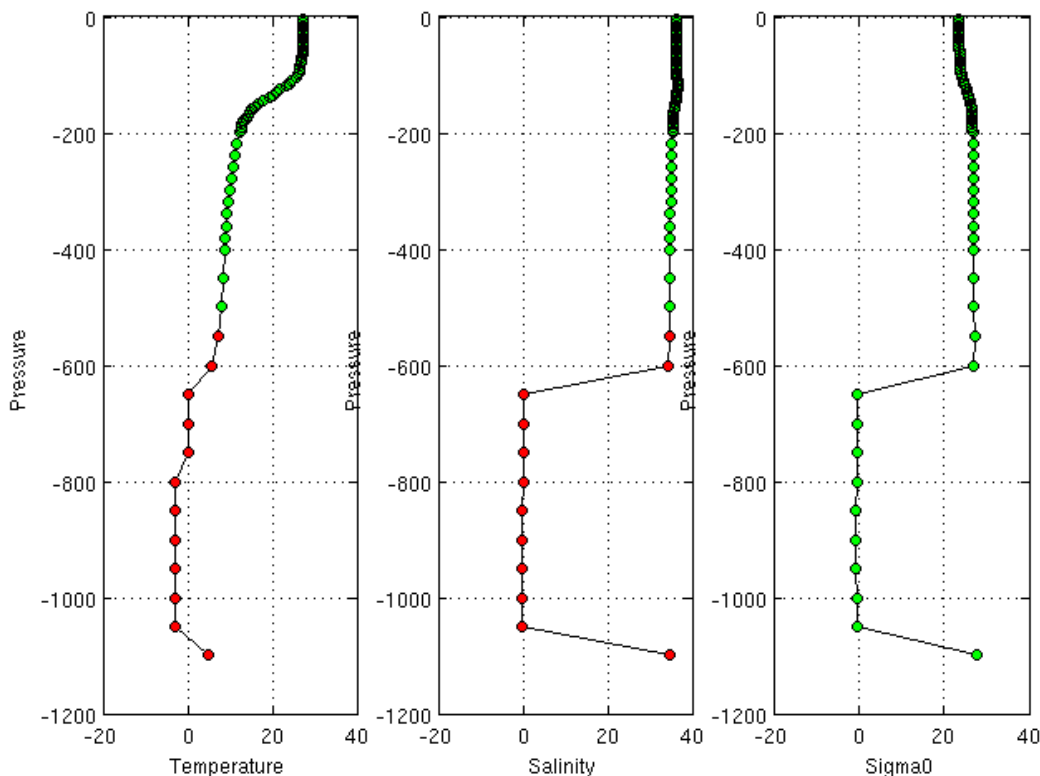
DAC_CODE,PLATFORM_CODE,CV_NUMBER,DATE_UPDATE,DIRECTION,WEB_URL,PARAMETER,START_IMMERSION,STOP_IMMERSION,OLD_QC,NEW_QC
 AO,5901012,303,27/05/2014 00:00:00,A,<http://www.ifremer.fr/WC2argoFloats/station?&stationId=33153148> ,PSAL,4.3,1202.2,1,3
 AO,3901002,75,28/05/2014 00:00:00,A,<http://www.ifremer.fr/WC2argoFloats/station?&stationId=33084400> ,PSAL,196,604,1,3
 AO,1901692,27,28/05/2014 00:00:00,A,<http://www.ifremer.fr/WC2argoFloats/station?&stationId=33089227> ,PSAL,488,488,1,4
 AO,1901692,27,28/05/2014 00:00:00,A,<http://www.ifremer.fr/WC2argoFloats/station?&stationId=33089227> ,PSAL,494,494,1,4
 AO,1901692,27,28/05/2014 00:00:00,A,<http://www.ifremer.fr/WC2argoFloats/station?&stationId=33089227> ,TEMP,488,488,1,4
 AO,3901154,42,28/05/2014 00:00:00,A,<http://www.ifremer.fr/WC2argoFloats/station?&stationId=33105681> ,PSAL,324,324,1,4
 AO,3901154,42,28/05/2014 00:00:00,A,<http://www.ifremer.fr/WC2argoFloats/station?&stationId=33105681> ,PSAL,330,332,1,4
 AO,3901154,42,28/05/2014 00:00:00,A,<http://www.ifremer.fr/WC2argoFloats/station?&stationId=33105681> ,TEMP,324,324,1,4
 AO,3901154,42,28/05/2014 00:00:00,A,<http://www.ifremer.fr/WC2argoFloats/station?&stationId=33105681> ,TEMP,330,332,1,4
 AO,2901418,170,28/05/2014 00:00:00,A,<http://www.ifremer.fr/WC2argoFloats/station?&stationId=33173149> ,PSAL,120.4,120.4,1,4
 AO,2901418,170,28/05/2014 00:00:00,A,<http://www.ifremer.fr/WC2argoFloats/station?&stationId=33173149> ,PSAL,1197.3,1197.3,1,4
 AO,2901418,170,28/05/2014 00:00:00,A,<http://www.ifremer.fr/WC2argoFloats/station?&stationId=33173149> ,TEMP,120.4,120.4,1,4
 AO,2901418,170,28/05/2014 00:00:00,A,<http://www.ifremer.fr/WC2argoFloats/station?&stationId=33173149> ,TEMP_ADJUSTED,120.4,120.4,1,4

AO,2901418,173,25/06/2014 00:00:00,A,http://www.ifremer.fr/WC2argoFloats/station?&stationId=33246673 ,PSAL,225.2,250.4,1,4
 AO,2901418,177,25/06/2014 00:00:00,A,http://www.ifremer.fr/WC2argoFloats/station?&stationId=33533843 ,PSAL,1198.4,1198.4,1,3
 AO,2901418,177,25/06/2014 00:00:00,A,http://www.ifremer.fr/WC2argoFloats/station?&stationId=33533843 ,PSAL_ADJUSTED,1198.4,1198.4,1,3
 AO,5904325,59,01/06/2014 00:00:00,A,http://www.ifremer.fr/WC2argoFloats/station?&stationId=33189690 ,PSAL,1199.5,1199.5,1,3
 AO,5900696,331,25/06/2014 00:00:00,A,http://www.ifremer.fr/WC2argoFloats/station?&stationId=33237570 ,TEMP,0,0,1,4
 AO,5903984,57,25/06/2014 00:00:00,A,http://www.ifremer.fr/WC2argoFloats/station?&stationId=33480358 ,TEMP_ADJUSTED,5.3,5.3,1,4
 AO,5903984,57,25/06/2014 00:00:00,A,http://www.ifremer.fr/WC2argoFloats/station?&stationId=33480358 ,TEMP,5.3,5.3,1,4
 AO,2901418,172,25/06/2014 00:00:00,A,http://www.ifremer.fr/WC2argoFloats/station?&stationId=33226395 ,PSAL,249.9,249.9,1,4
 AO,5900696,331,25/06/2014 00:00:00,A,http://www.ifremer.fr/WC2argoFloats/station?&stationId=33237570 ,TEMP,0,0,1,4
 AO,2901418,173,25/06/2014 00:00:00,A,http://www.ifremer.fr/WC2argoFloats/station?&stationId=33246673 ,PSAL,225.2,250.4,1,4
 AO,5903984,57,25/06/2014 00:00:00,A,http://www.ifremer.fr/WC2argoFloats/station?&stationId=33480358 ,TEMP_ADJUSTED,5.3,5.3,1,4
 AO,5903984,57,25/06/2014 00:00:00,A,http://www.ifremer.fr/WC2argoFloats/station?&stationId=33480358 ,TEMP,5.3,5.3,1,4
 AO,2901418,177,25/06/2014 00:00:00,A,http://www.ifremer.fr/WC2argoFloats/station?&stationId=33533843 ,PSAL,1198.4,1198.4,1,3
 AO,2901418,177,25/06/2014 00:00:00,A,http://www.ifremer.fr/WC2argoFloats/station?&stationId=33533843 ,PSAL_ADJUSTED,1198.4,1198.4,1,3
 AO,3901149,46,26/06/2014 00:00:00,A,http://www.ifremer.fr/WC2argoFloats/station?&stationId=33567849 ,PSAL,514,564,1,4
 AO,5900696,333,26/06/2014 00:00:00,A,http://www.ifremer.fr/WC2argoFloats/station?&stationId=33567861 ,PSAL,,3,,3,1,4
 AO,5900696,333,26/06/2014 00:00:00,A,http://www.ifremer.fr/WC2argoFloats/station?&stationId=33567861 ,TEMP,,3,,3,1,4
 AO,5900665,340,27/06/2014 00:00:00,A,http://www.ifremer.fr/WC2argoFloats/station?&stationId=33568030 ,PSAL,4.2,1176.2,1,3
 AO,4901451,53,27/06/2014 00:00:00,A,http://www.ifremer.fr/WC2argoFloats/station?&stationId=33570154 ,PSAL,5,1800,1,3
 AO,3901178,2,27/06/2014 00:00:00,A,http://www.ifremer.fr/WC2argoFloats/station?&stationId=33570677 ,PSAL,1360,1402,1,4
 AO,3901178,2,27/06/2014 00:00:00,A,http://www.ifremer.fr/WC2argoFloats/station?&stationId=33570677 ,PSAL,1426,1438,1,4
 AO,3901178,2,27/06/2014 00:00:00,A,http://www.ifremer.fr/WC2argoFloats/station?&stationId=33570677 ,PSAL,1444,1444,1,4
 AO,3901178,2,27/06/2014 00:00:00,A,http://www.ifremer.fr/WC2argoFloats/station?&stationId=33570677 ,PSAL,1450,1490,1,4
 AO,3901178,2,27/06/2014 00:00:00,A,http://www.ifremer.fr/WC2argoFloats/station?&stationId=33570677 ,PSAL,1498,1498,1,4
 AO,3901178,2,27/06/2014 00:00:00,A,http://www.ifremer.fr/WC2argoFloats/station?&stationId=33570677 ,PSAL,1518,1538,1,4
 AO,3900702,210,28/06/2014 00:00:00,A,http://www.ifremer.fr/WC2argoFloats/station?&stationId=33570809 ,PSAL,195,195,1,4
 AO,3900702,210,28/06/2014 00:00:00,A,http://www.ifremer.fr/WC2argoFloats/station?&stationId=33570809 ,TEMP,195,195,1,4
 AO,5901012,306,28/06/2014 00:00:00,A,http://www.ifremer.fr/WC2argoFloats/station?&stationId=33570840 ,PSAL,4.5,1191,1,3

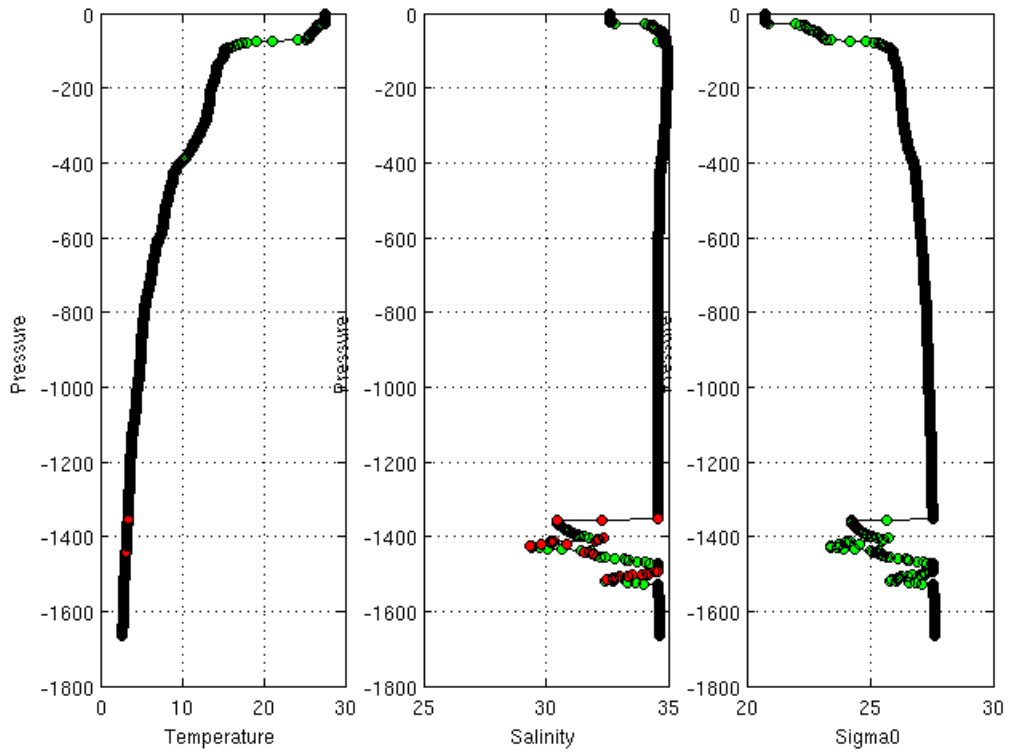
APEX to put on the grey list:

Example of corrections:

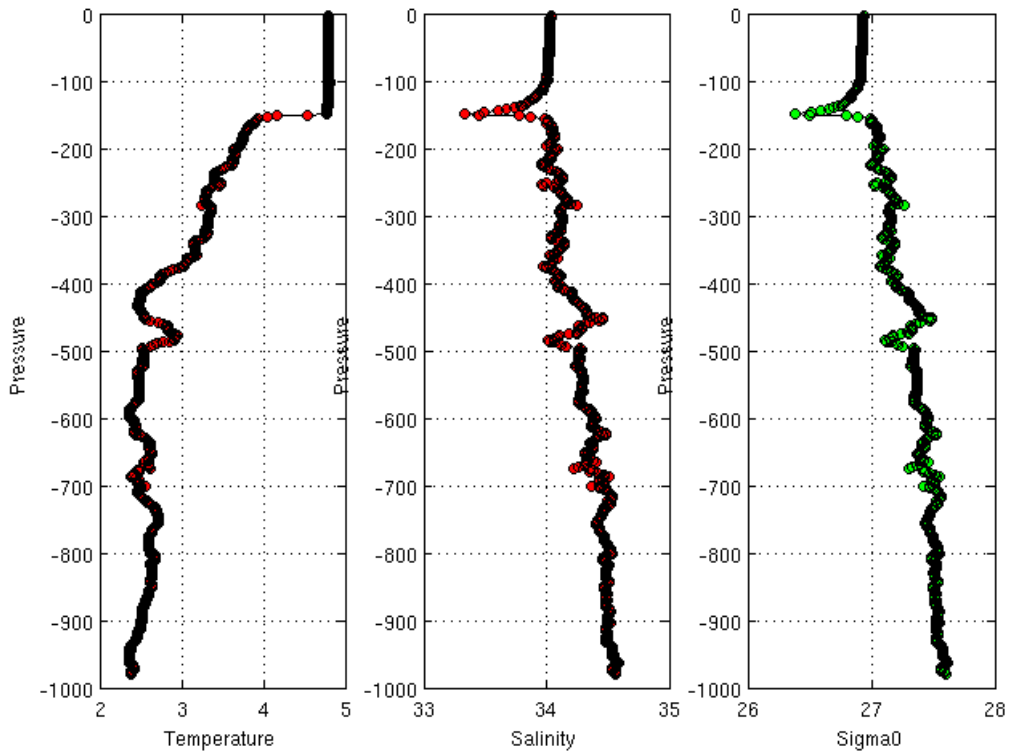
Warning Objective Analysis Anomalies 2014 June TEMP PSAL : DAC AO- Float 1901504-115



Warning Objective Analysis Anomalies 2014 June TEMP PSAL : DAC AO- Float 3901178-2



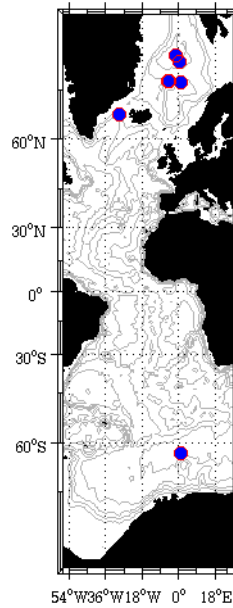
Warning Objective Analysis Anomalies 2014 June TEMP PSAL : DAC AO- Float 5903721-115



2. DAC BODC

Profiles detected by the objective analysis: 8

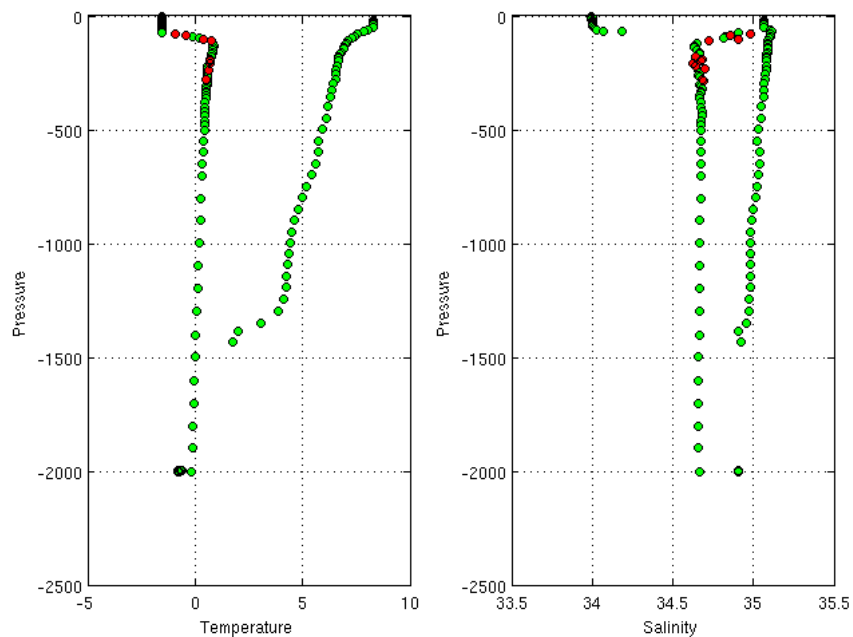
Warning Objective Analysis Anomalies 2014 June



Status of corrections: Not done, no feedback

Float : 1901251 - Cycle : 150 - PI : Jon Turton - Data mode : A - INST REF : APEX-SBE 4502 - Date : 2014 5 14
Float : 1901294 - Cycle : 111 - PI : Jon Turton - Data mode : A - INST REF : APEX-SBE 5353 - Date : 2014 6 1
Float : 6901127 - Cycle : 71 - PI : Jon Turton - Data mode : A - INST REF : APEX-SBE 6231 - Date : 2014 5 27
Float : 6901128 - Cycle : 71 - PI : Jon Turton - Data mode : A - INST REF : APEX-SBE 6232 - Date : 2014 6 6
Float : 6901132 - Cycle : 69 - PI : Jon Turton - Data mode : A - INST REF : APEX-SBE 6236 - Date : 2014 5 18
Float : 6901132 - Cycle : 71 - PI : Jon Turton - Data mode : A - INST REF : APEX-SBE 6236 - Date : 2014 6 7
Float : 6901132 - Cycle : 73 - PI : Jon Turton - Data mode : A - INST REF : APEX-SBE 6236 - Date : 2014 6 26
Float : 6901141 - Cycle : 68 - PI : Jon Turton - Data mode : A - INST REF : APEX-SBE 6234 - Date : 2014 6 16

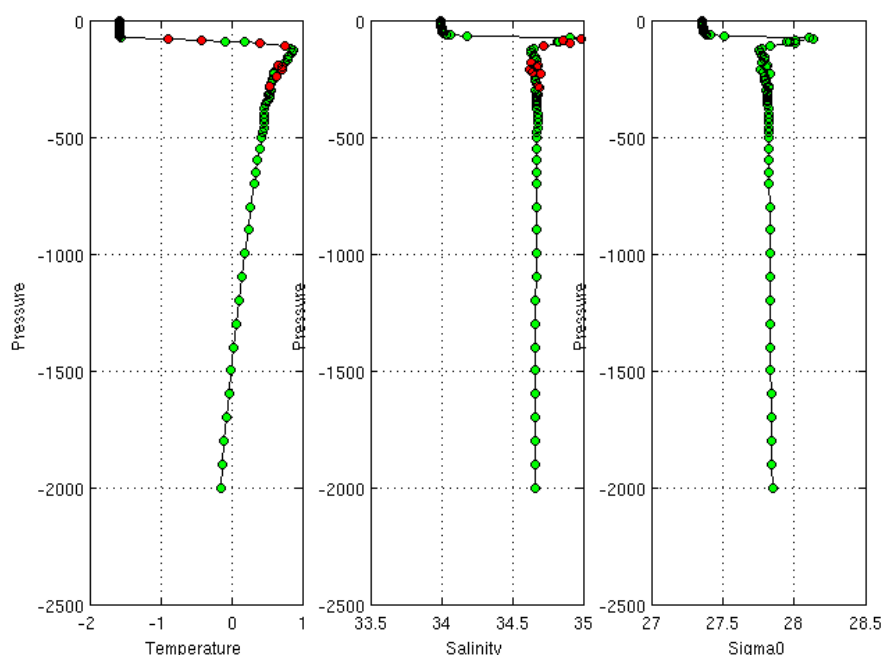
Warning Objective Analysis Anomalies 2014 June TEMP PSAL - DAC BO



DAC_CODE,PLATFORM_CODE,CV_NUMBER,DATE_UPDATE,DIRECTION,WEB_URL,PARAMETER,START_IMMERSION,STOP_IMMERSION,OLD_QC,NEW_QC
BO,1901294,111,01/06/2014 00:00:00,A,http://www.ifremer.fr/WC2argoFloats/station?&stationId=33190657 ,PSAL,1295.8,1431.9,1,3
BO,1901294,111,01/06/2014 00:00:00,A,http://www.ifremer.fr/WC2argoFloats/station?&stationId=33190657 ,TEMP,1295.8,1431.9,1,3
BO,6901128,71,06/06/2014 00:00:00,A,http://www.ifremer.fr/WC2argoFloats/station?&stationId=33239923 ,PSAL,1998.3,1998.3,1,4
BO,6901128,71,06/06/2014 00:00:00,A,http://www.ifremer.fr/WC2argoFloats/station?&stationId=33239923 ,PSAL_ADJUSTED,1998.3,1998.3,1,4
BO,6901128,71,06/06/2014 00:00:00,A,http://www.ifremer.fr/WC2argoFloats/station?&stationId=33239923 ,TEMP,1998.3,1998.3,1,4
BO,6901128,71,06/06/2014 00:00:00,A,http://www.ifremer.fr/WC2argoFloats/station?&stationId=33239923 ,TEMP_ADJUSTED,1998.3,1998.3,1,4
BO,1901251,150,15/05/2014 00:00:00,A,http://www.ifremer.fr/WC2argoFloats/station?&stationId=33071860 ,PSAL,75.7,75.7,1,4
BO,1901251,150,15/05/2014 00:00:00,A,http://www.ifremer.fr/WC2argoFloats/station?&stationId=33071860 ,PSAL_ADJUSTED,2000,2000,1,3
BO,6901141,68,16/06/2014 00:00:00,A,http://www.ifremer.fr/WC2argoFloats/station?&stationId=33329806 ,PSAL,2000,2000,1,3
BO,6901141,68,16/06/2014 00:00:00,A,http://www.ifremer.fr/WC2argoFloats/station?&stationId=33329806 ,PSAL_ADJUSTED,2000,2000,1,3
BO,6901141,68,16/06/2014 00:00:00,A,http://www.ifremer.fr/WC2argoFloats/station?&stationId=33329806 ,TEMP,2000,2000,1,3
BO,6901141,68,16/06/2014 00:00:00,A,http://www.ifremer.fr/WC2argoFloats/station?&stationId=33329806 ,TEMP_ADJUSTED,2000,2000,1,3
BO,6901132,69,18/05/2014 00:00:00,A,http://www.ifremer.fr/WC2argoFloats/station?&stationId=33091421 ,PSAL,1997.9,1997.9,1,3
BO,6901132,69,18/05/2014 00:00:00,A,http://www.ifremer.fr/WC2argoFloats/station?&stationId=33091421 ,PSAL_ADJUSTED,1997.9,1997.9,1,3
BO,6901132,69,18/05/2014 00:00:00,A,http://www.ifremer.fr/WC2argoFloats/station?&stationId=33091421 ,TEMP,1997.9,1997.9,1,3
BO,6901132,69,18/05/2014 00:00:00,A,http://www.ifremer.fr/WC2argoFloats/station?&stationId=33091421 ,TEMP_ADJUSTED,1997.9,1997.9,1,3
BO,6901132,71,09/06/2014 00:00:00,A,http://www.ifremer.fr/WC2argoFloats/station?&stationId=33256565 ,PSAL,2000.8,2000.8,1,3
BO,6901132,71,09/06/2014 00:00:00,A,http://www.ifremer.fr/WC2argoFloats/station?&stationId=33256565 ,PSAL_ADJUSTED,2000.8,2000.8,1,3
BO,6901132,71,09/06/2014 00:00:00,A,http://www.ifremer.fr/WC2argoFloats/station?&stationId=33256565 ,TEMP,2000.8,2000.8,1,3
BO,6901132,71,09/06/2014 00:00:00,A,http://www.ifremer.fr/WC2argoFloats/station?&stationId=33256565 ,TEMP_ADJUSTED,2000.8,2000.8,1,3
BO,6901141,68,16/06/2014 00:00:00,A,http://www.ifremer.fr/WC2argoFloats/station?&stationId=33329806 ,PSAL,2000,2000,1,3
BO,6901141,68,16/06/2014 00:00:00,A,http://www.ifremer.fr/WC2argoFloats/station?&stationId=33329806 ,PSAL_ADJUSTED,2000,2000,1,3
BO,6901141,68,16/06/2014 00:00:00,A,http://www.ifremer.fr/WC2argoFloats/station?&stationId=33329806 ,TEMP,2000,2000,1,3
BO,6901141,68,16/06/2014 00:00:00,A,http://www.ifremer.fr/WC2argoFloats/station?&stationId=33329806 ,TEMP_ADJUSTED,2000,2000,1,3
BO,6901127,71,28/05/2014 00:00:00,A,http://www.ifremer.fr/WC2argoFloats/station?&stationId=33173123 ,PSAL,1998.5,1998.5,1,3
BO,6901127,71,28/05/2014 00:00:00,A,http://www.ifremer.fr/WC2argoFloats/station?&stationId=33173123 ,PSAL_ADJUSTED,1998.5,1998.5,1,3
BO,6901127,71,28/05/2014 00:00:00,A,http://www.ifremer.fr/WC2argoFloats/station?&stationId=33173123 ,TEMP,1998.5,1998.5,1,3
BO,6901127,71,28/05/2014 00:00:00,A,http://www.ifremer.fr/WC2argoFloats/station?&stationId=33173123 ,TEMP_ADJUSTED,1998.5,1998.5,1,3
BO,6901132,73,26/06/2014 00:00:00,A,http://www.ifremer.fr/WC2argoFloats/station?&stationId=33567978 ,PSAL,2000.9,2000.9,1,4
BO,6901132,73,26/06/2014 00:00:00,A,http://www.ifremer.fr/WC2argoFloats/station?&stationId=33567978 ,PSAL_ADJUSTED,2000.9,2000.9,1,4
BO,6901132,73,26/06/2014 00:00:00,A,http://www.ifremer.fr/WC2argoFloats/station?&stationId=33567978 ,TEMP,2000.9,2000.9,1,4
BO,6901132,73,26/06/2014 00:00:00,A,http://www.ifremer.fr/WC2argoFloats/station?&stationId=33567978 ,TEMP_ADJUSTED,2000.9,2000.9,1,4

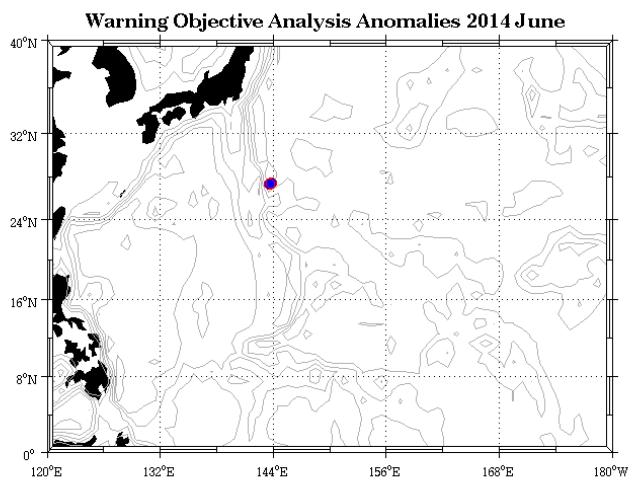
Example of corrections:

Warning Objective Analysis Anomalies 2014 June TEMP PSAL : DAC BO- Float 1901251-150



3. DAC CSIO

Profiles detected by the objective analysis: 2

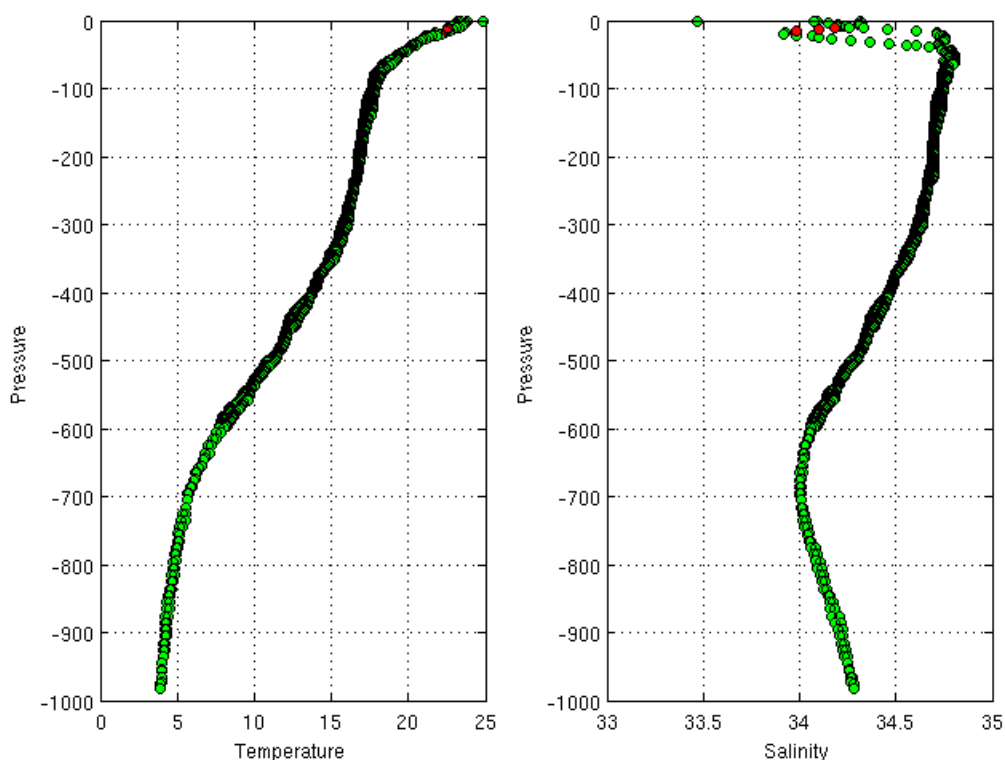


Status of corrections: Not Done, No Feedback

Float : 2901560 - Cycle : 72 - PI : Shangping Xie - Data mode : A - INST REF : - Date : 2014 6 7

Float : 2901560 - Cycle : 75 - PI : Shangping Xie - Data mode : A - INST REF : - Date : 2014 6 10

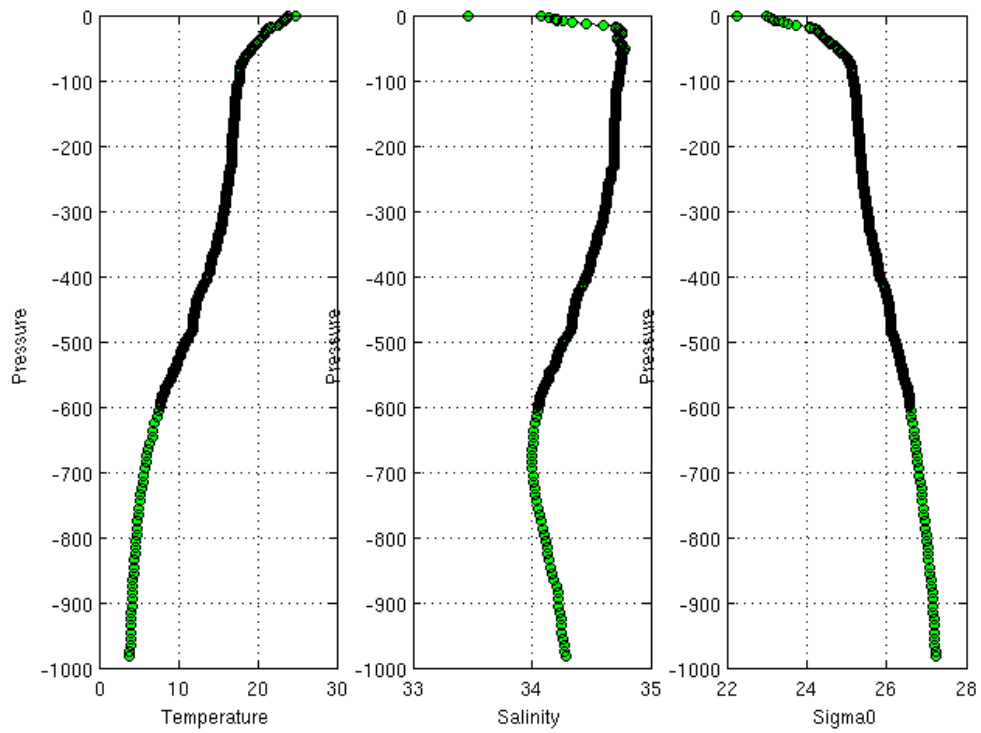
Warming Objective Analysis Anomalies 2014 June TEMP PSAL - DAC HZ



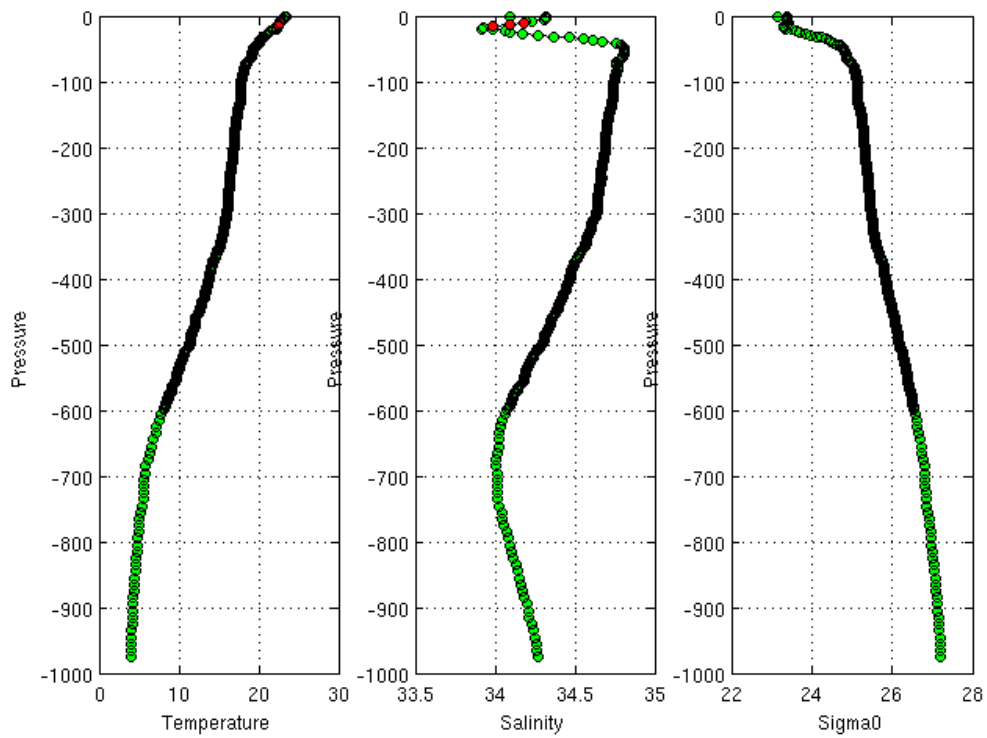
DAC_CODE,PLATFORM_CODE,CV_NUMBER,DATE_UPDATE,DIRECTION,WEB_URL,PARAMETER,START_IMMERSION,STOP_IMMERSION,OLD_QC,NEW_QC
HZ,2901560,72,07/06/2014 00:00:00,A,<http://www.ifremer.fr/WC2argoFloats/station?&stationId=33280151> ,PSAL,17.6,19.3,1,4
HZ,2901560,72,07/06/2014 00:00:00,A,<http://www.ifremer.fr/WC2argoFloats/station?&stationId=33280151> ,TEMP,17.6,19.3,1,4
HZ,2901560,75,10/06/2014 00:00:00,A,<http://www.ifremer.fr/WC2argoFloats/station?&stationId=33282666> ,PSAL,..2,1,3
HZ,2901560,72,07/06/2014 00:00:00,A,<http://www.ifremer.fr/WC2argoFloats/station?&stationId=33280151> ,PSAL,17.6,19.3,1,4
HZ,2901560,72,07/06/2014 00:00:00,A,<http://www.ifremer.fr/WC2argoFloats/station?&stationId=33280151> ,TEMP,17.6,19.3,1,4
HZ,2901560,75,10/06/2014 00:00:00,A,<http://www.ifremer.fr/WC2argoFloats/station?&stationId=33282666> ,PSAL,..2,1,3

Example of corrections:

Warning Objective Analysis Anomalies 2014 June TEMP PSAL : DAC HZ- Float 2901560-75



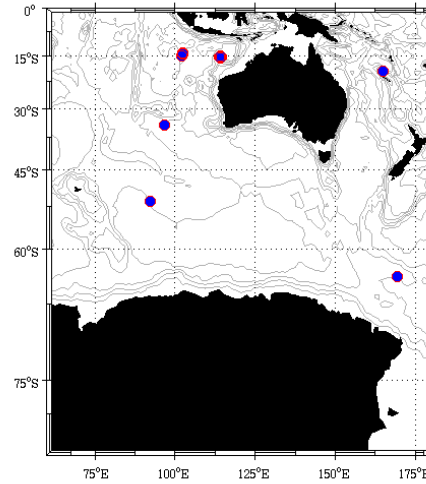
Warning Objective Analysis Anomalies 2014 June TEMP PSAL : DAC HZ- Float 2901560-72



4. DAC CSIRO

Profiles detected by the objective analysis: 11

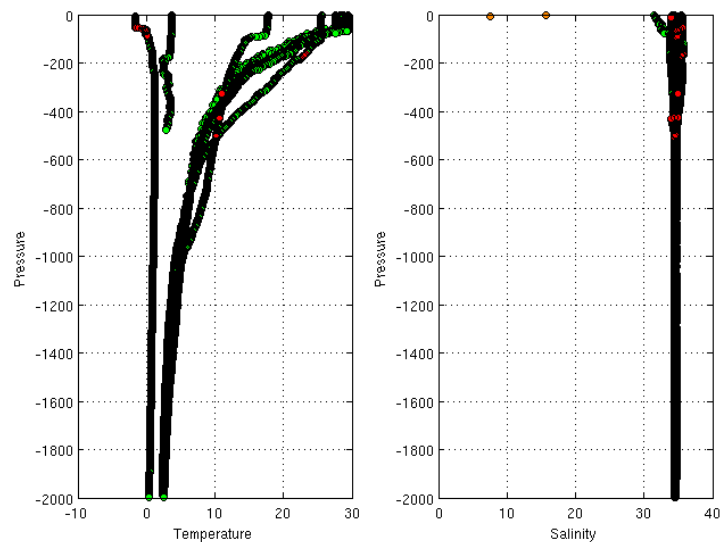
Warning Objective Analysis Anomalies 2014 June



Status of corrections: **DONE with feedback**

Float : 1901338 - Cycle : 485 - PI : Susan Wijffels - Data mode : A - INST REF : APEX-SBE - Date : 2014 6 13
Float : 1901338 - Cycle : 485 - PI : Susan Wijffels - Data mode : A - INST REF : APEX-SBE - Date : 2014 6 13
Float : 5903221 - Cycle : 190 - PI : Susan Wijffels - Data mode : A - INST REF : APEX-SBE - Date : 2014 5 20
Float : 5903221 - Cycle : 191 - PI : Susan Wijffels - Data mode : A - INST REF : APEX-SBE - Date : 2014 5 30
Float : 5903221 - Cycle : 192 - PI : Susan Wijffels - Data mode : A - INST REF : APEX-SBE - Date : 2014 6 9
Float : 5903221 - Cycle : 193 - PI : Susan Wijffels - Data mode : A - INST REF : APEX-SBE - Date : 2014 6 19
Float : 5903243 - Cycle : 160 - PI : Susan Wijffels - Data mode : A - INST REF : APEX-SBE - Date : 2014 5 26
Float : 5903659 - Cycle : 125 - PI : Susan Wijffels - Data mode : A - INST REF : APEX-SBE - Date : 2014 6 16
Float : 5903914 - Cycle : 92 - PI : Susan Wijffels - Data mode : A - INST REF : APEX-SBE - Date : 2014 5 30
Float : 5903914 - Cycle : 93 - PI : Susan Wijffels - Data mode : A - INST REF : APEX-SBE - Date : 2014 6 9
Float : 5903914 - Cycle : 94 - PI : Susan Wijffels - Data mode : A - INST REF : APEX-SBE - Date : 2014 6 19
Float : 5904247 - Cycle : 32 - PI : Susan Wijffels - Data mode : A - INST REF : APEX-SBE - Date : 2014 5 19

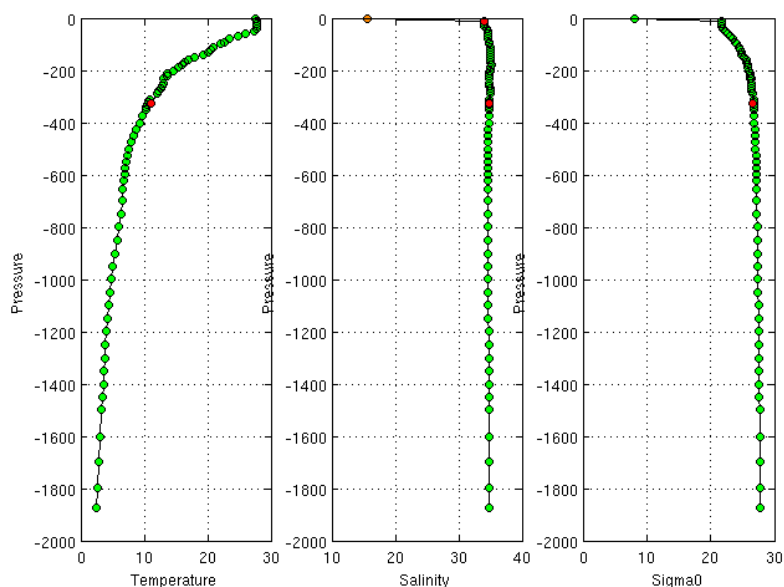
Warning Objective Analysis Anomalies 2014 June TEMP PSAL - DAC CS



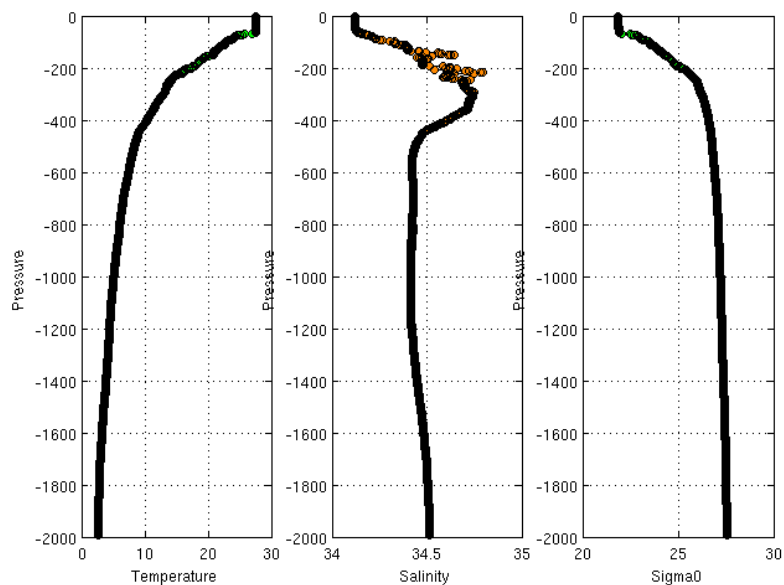
CS,5904247,32,19/05/2014 00:00:00,A,http://www.ifremer.fr/WC2argoFloats/station?&stationId=33093795 ,PSAL,434,496,1,4
 CS,5904247,32,19/05/2014 00:00:00,A,http://www.ifremer.fr/WC2argoFloats/station?&stationId=33093795 ,PSAL,510,790,1,4
 CS,5903914,93,10/06/2014 00:00:00,A,http://www.ifremer.fr/WC2argoFloats/station?&stationId=33273419 ,PSAL_ADJUSTED,5.2,5.2,1,4
 CS,5903914,93,10/06/2014 00:00:00,A,http://www.ifremer.fr/WC2argoFloats/station?&stationId=33273419 ,PSAL,5.2,5.2,1,4
 CS,5903221,191,30/05/2014 00:00:00,A,http://www.ifremer.fr/WC2argoFloats/station?&stationId=33187559 ,PSAL,4.3,1993.6,1,3
 CS,5903221,192,09/06/2014 00:00:00,A,http://www.ifremer.fr/WC2argoFloats/station?&stationId=33256535 ,PSAL,4.2,1996.1,1,3
 CS,1901338,485,13/06/2014 00:00:00,A,http://www.ifremer.fr/WC2argoFloats/station?&stationId=33313124 ,PSAL,6.4,61.7,3,4
 CS,1901338,485,13/06/2014 00:00:00,A,http://www.ifremer.fr/WC2argoFloats/station?&stationId=33313124 ,TEMP,6.4,61.7,3,4
 CS,5903659,125,17/06/2014 00:00:00,A,http://www.ifremer.fr/WC2argoFloats/station?&stationId=33332203 ,PSAL,174,210,1,4
 CS,5903221,190,20/05/2014 00:00:00,A,http://www.ifremer.fr/WC2argoFloats/station?&stationId=33105836 ,PSAL,4.3,1990,1,3
 CS,5903914,93,13/06/2014 00:00:00,A,http://www.ifremer.fr/WC2argoFloats/station?&stationId=33273419 ,PSAL,5.2,5.2,1,4
 CS,5903659,125,17/06/2014 00:00:00,A,http://www.ifremer.fr/WC2argoFloats/station?&stationId=33332203 ,PSAL,174,210,1,4
 CS,5903221,193,19/06/2014 00:00:00,A,http://www.ifremer.fr/WC2argoFloats/station?&stationId=33423846 ,PSAL_ADJUSTED,4,1992.4,1,3
 CS,5903221,193,19/06/2014 00:00:00,A,http://www.ifremer.fr/WC2argoFloats/station?&stationId=33423846 ,PSAL,4,1992.4,1,3
 CS,5903914,94,23/06/2014 00:00:00,A,http://www.ifremer.fr/WC2argoFloats/station?&stationId=33460719 ,PSAL,4.8,4.8,1,4
 CS,5903914,94,23/06/2014 00:00:00,A,http://www.ifremer.fr/WC2argoFloats/station?&stationId=33460719 ,PSAL_ADJUSTED,4.8,4.8,1,4
 CS,5903914,92,02/06/2014 00:00:00,A,http://www.ifremer.fr/WC2argoFloats/station?&stationId=33189477 ,PSAL,4.5,4.5,1,4
 CS,5903914,94,22/06/2014 00:00:00,A,http://www.ifremer.fr/WC2argoFloats/station?&stationId=33460719 ,PSAL,4.8,4.8,1,4
 CS,5903243,160,28/05/2014 00:00:00,A,http://www.ifremer.fr/WC2argoFloats/station?&stationId=33155270 ,PSAL,6.1,52,1,4
 CS,5903243,160,28/05/2014 00:00:00,A,http://www.ifremer.fr/WC2argoFloats/station?&stationId=33155270 ,PSAL,70,84,1,4
 CS,5903243,160,28/05/2014 00:00:00,A,http://www.ifremer.fr/WC2argoFloats/station?&stationId=33155270 ,PSAL,94,546,1,4

Example of corrections:

Warning Objective Analysis Anomalies 2014 June TEMP PSAL : DAC CS- Float 5903914-92

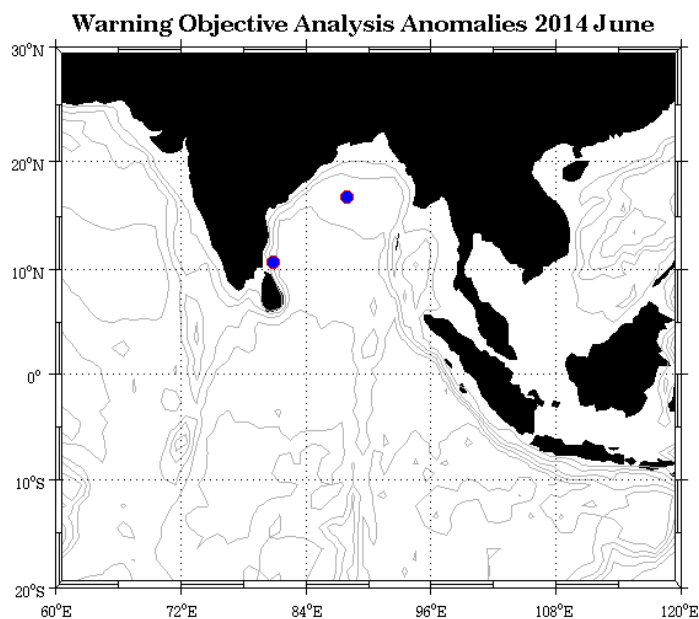


Warning Objective Analysis Anomalies 2014 June TEMP PSAL : DAC CS- Float 5903221-193



5. DAC INCOIS

Profiles detected by the objective analysis: 2

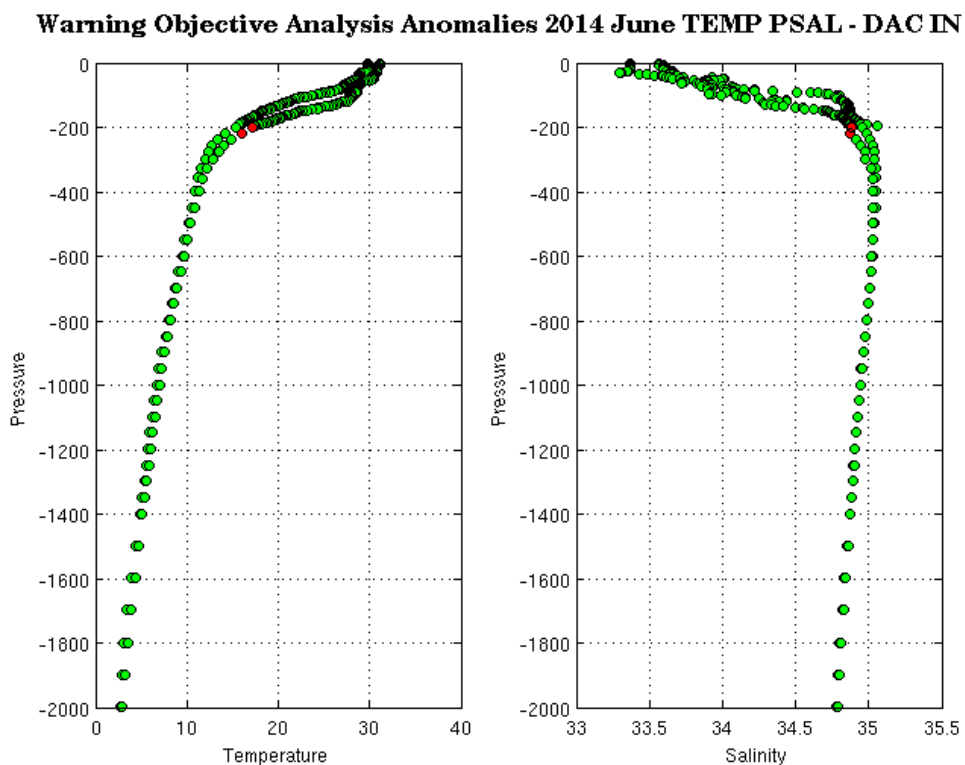


Status of corrections: Not done, no feedback

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

Float : 2901327 - Cycle : 229 - PI : M Ravichandran - Data mode : A - INST REF : APEX-SBE 5781 - Date : 2014 6 7

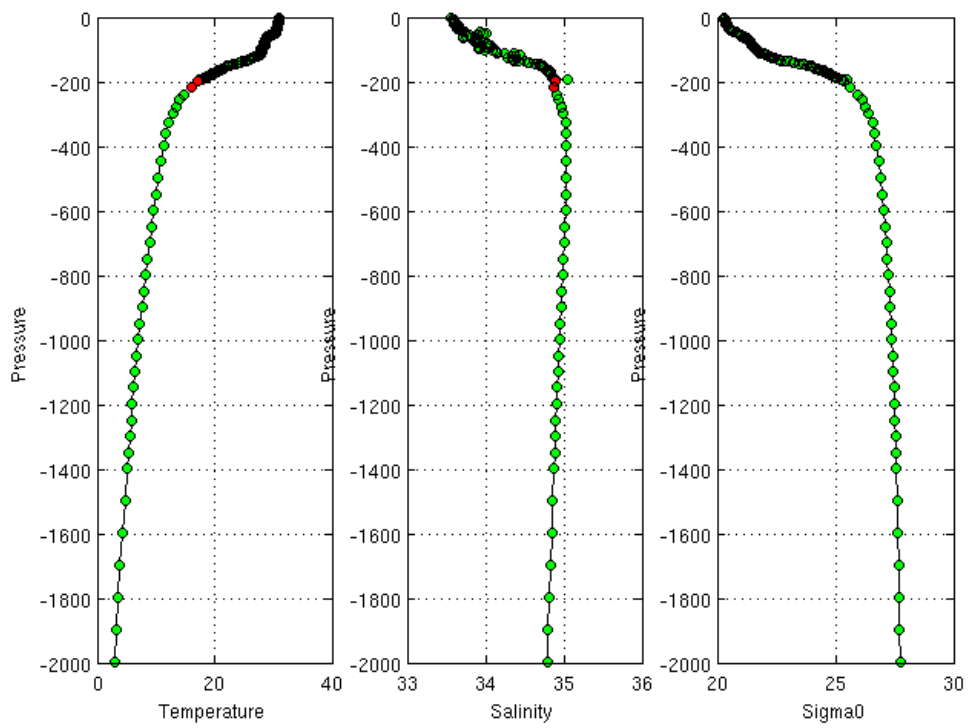
Float : 2901332 - Cycle : 232 - PI : M Ravichandran - Data mode : A - INST REF : APEX-SBE 5778 - Date : 2014 5 15



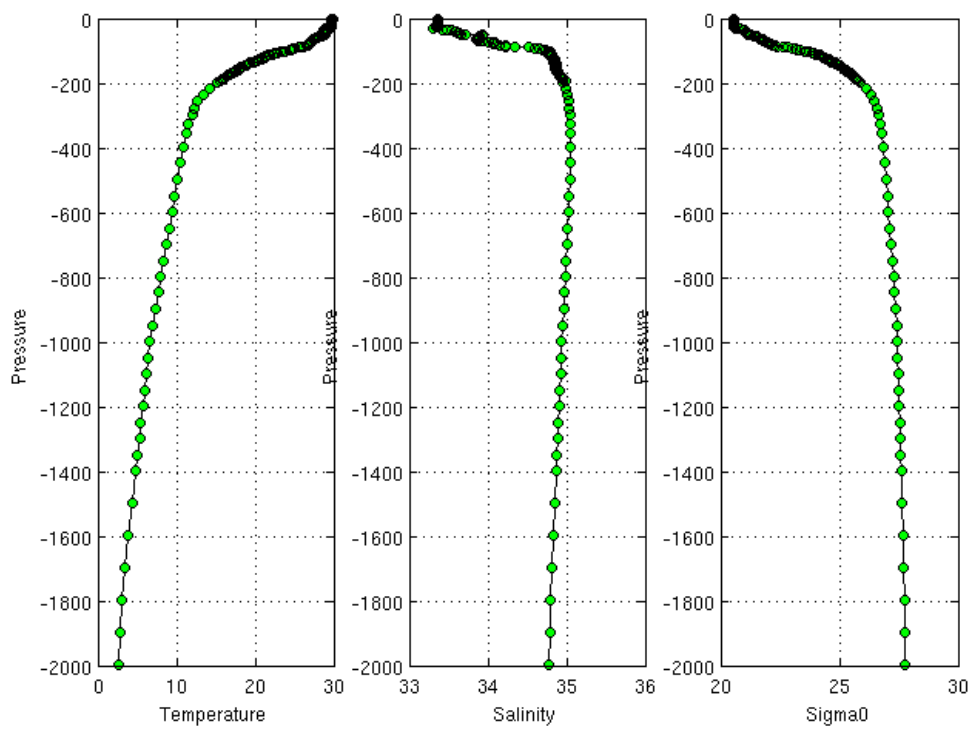
DAC_CODE,PLATFORM_CODE,CV_NUMBER,DATE_UPDATE,DIRECTION,WEB_URL,PARAMETER,START_IMMERSION,STOP_IMMERSION,OLD_QC,NEW_QC
IN,2901332,232,15/05/2014 00:00:00,A,<http://www.ifremer.fr/WC2argoFloats/station?&stationId=33074141> ,PSAL,191.3,191.3,1,3
IN,2901327,229,07/06/2014 00:00:00,A,<http://www.ifremer.fr/WC2argoFloats/station?&stationId=33242082> ,PSAL,195,195,1,4

Example of corrections:

Warning Objective Analysis Anomalies 2014 June TEMP PSAL : DAC IN- Float 2901327-229

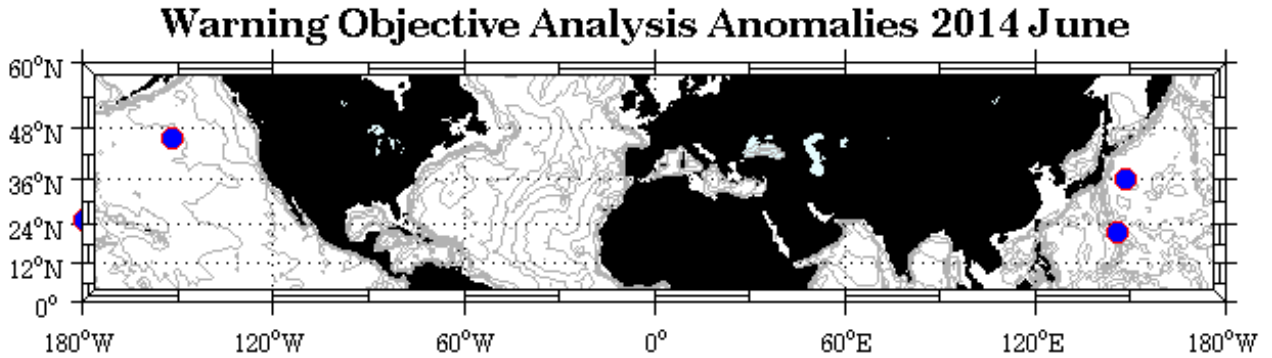


Warning Objective Analysis Anomalies 2014 June TEMP PSAL : DAC IN- Float 2901332-232



6. DAC JMA/JAMSTEC

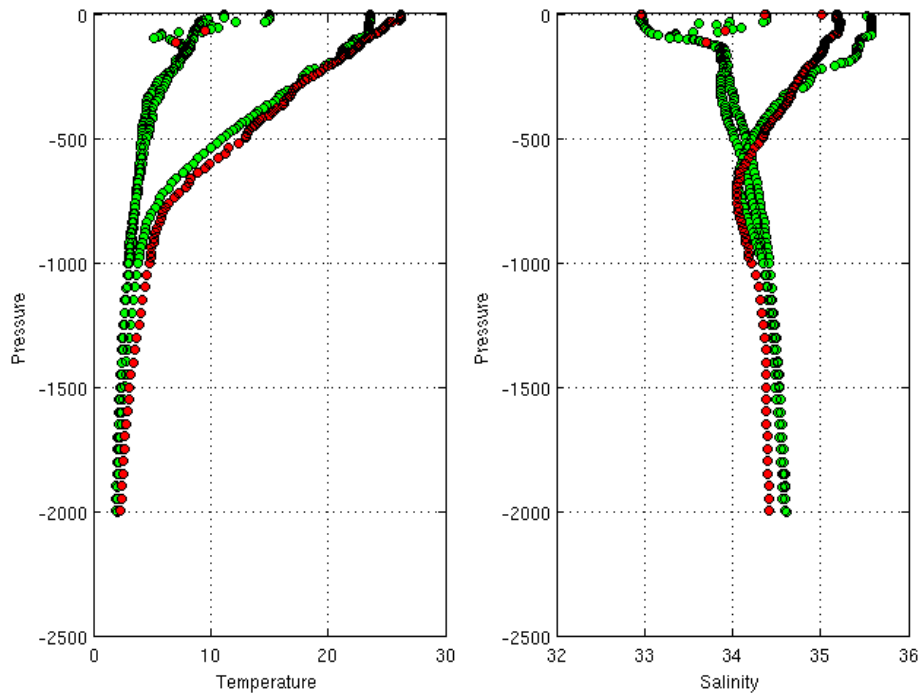
Profiles detected by the objective analysis: 4



Status of corrections: Not done, no feedback

Float : 2902464 - Cycle : 25 - PI : JAMSTEC - Data mode : R - INST REF : ARVOR-SBE OIN-13JAP-ARL-16 - Date : 2014 5 13
 Float : 2902475 - Cycle : 12 - PI : JAMSTEC - Data mode : A - INST REF : ARVOR-SBE OIN-13JAP-ARL-43 - Date : 2014 5 13
 Float : 4900949 - Cycle : 69 - PI : JAMSTEC - Data mode : R - INST REF : ARVOR-SBE 11001 - Date : 2014 5 29
 Float : 5904931 - Cycle : 8 - PI : JAMSTEC - Data mode : R - INST REF : ARVOR-SBE OIN-12JAP-ARL-05 - Date : 2014 5 13

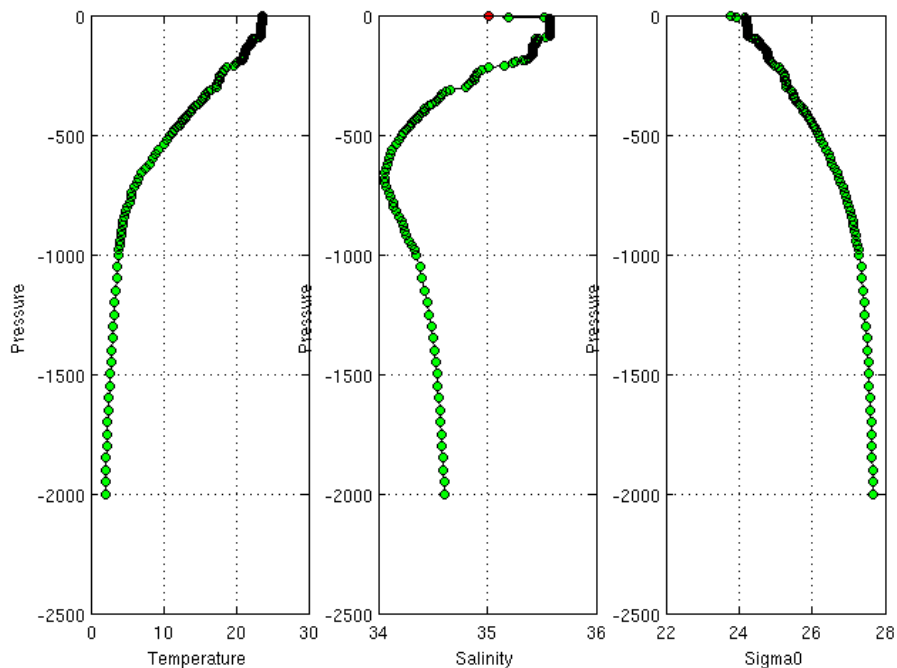
Warning Objective Analysis Anomalies 2014 June TEMP PSAL - DAC JA



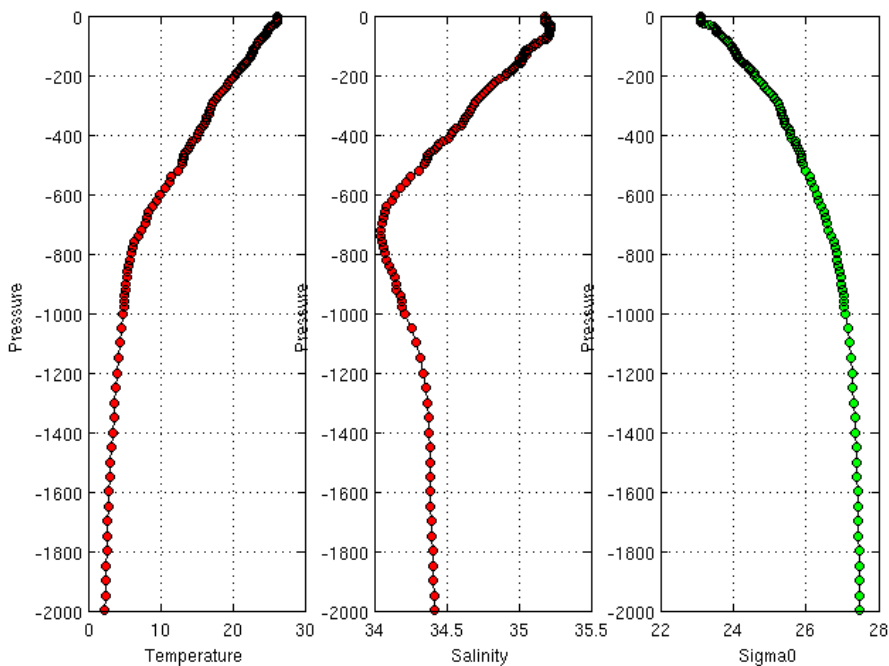
DAC_CODE,PLATFORM_CODE,CV_NUMBER,DATE_UPDATE,DIRECTION,WEB_URL,PARAMETER,START_IMMERSION,STOP_IMMERSION,OLD_QC,NEW_QC
 JA,4900949,69,30/05/2014 00:00:00,A,<http://www.ifremer.fr/WC2argoFloats/station?&stationId=33187420> ,PSAL,16.1,16.1,1,4
 JA,4900949,69,30/05/2014 00:00:00,A,<http://www.ifremer.fr/WC2argoFloats/station?&stationId=33187420> ,TEMP,16.1,16.1,1,4
 JA,5904931,8,17/05/2014 00:00:00,A,<http://www.ifremer.fr/WC2argoFloats/station?&stationId=33089139> ,TEMP,1,1,2,4
 JA,2902464,25,17/05/2014 00:00:00,A,<http://www.ifremer.fr/WC2argoFloats/station?&stationId=33071217> ,PSAL,6.2,6.2,1,3
 JA,2902475,12,17/05/2014 00:00:00,A,<http://www.ifremer.fr/WC2argoFloats/station?&stationId=33071689> ,PSAL,70.6,70.6,1,4
 JA,2902475,12,17/05/2014 00:00:00,A,<http://www.ifremer.fr/WC2argoFloats/station?&stationId=33071689> ,PSAL,120.3,120.3,1,4
 JA,2902475,12,17/05/2014 00:00:00,A,<http://www.ifremer.fr/WC2argoFloats/station?&stationId=33071689> ,TEMP,70.6,70.6,1,4

Example of anomalies:

Warning Objective Analysis Anomalies 2014 June TEMP PSAL : DAC JA- Float 2902464-25

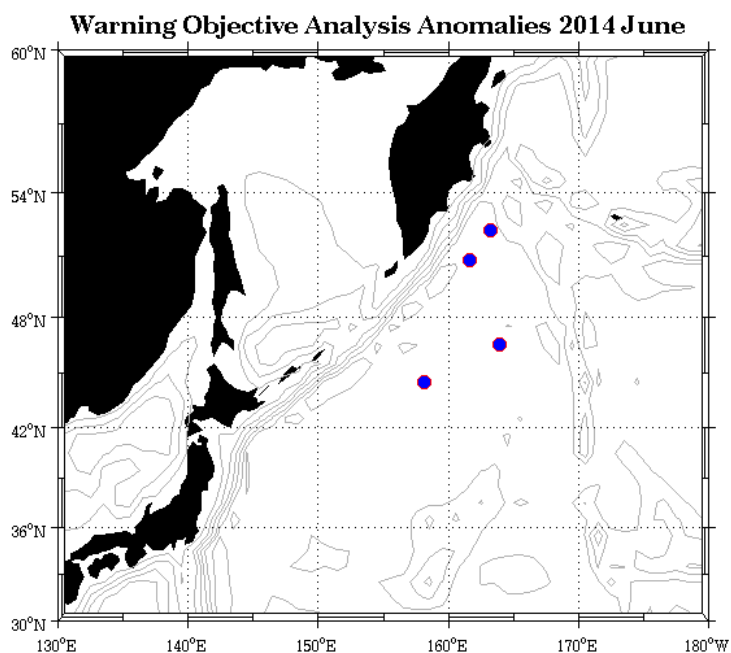


Warning Objective Analysis Anomalies 2014 June TEMP PSAL : DAC JA- Float 5904931-8



7. DAC KMA

Profiles detected by the objective analysis: 4



Status of corrections: NOT DONE, NO FEEDBACK

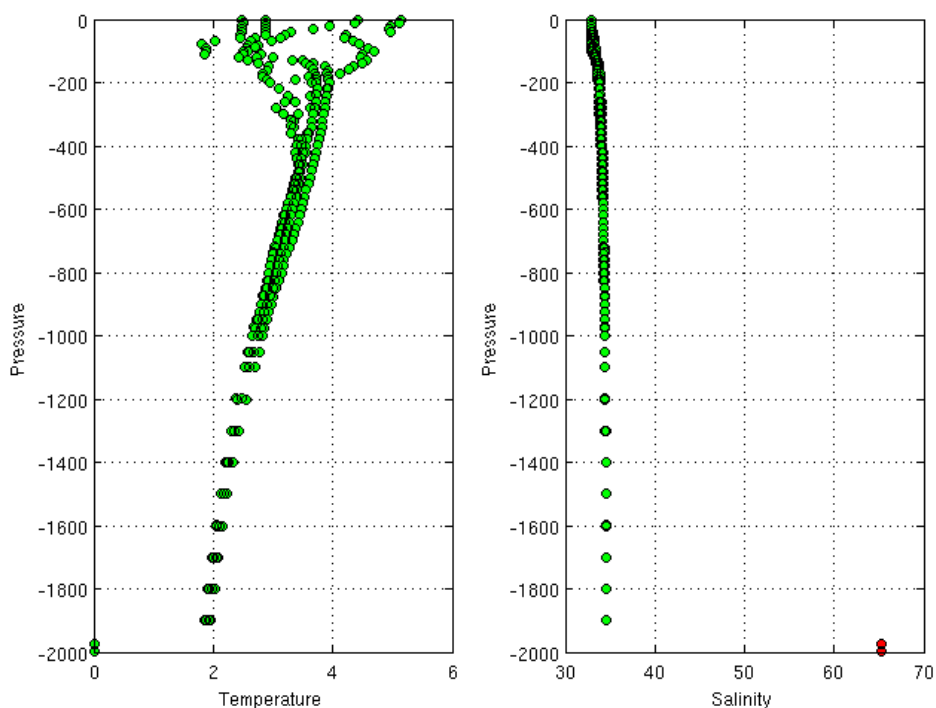
Float : 2901712 - Cycle : 27 - PI : Young-Hwa Kim - Data mode : R - INST REF : APEX Profiling Float - Date : 2014 4 30

Float : 2901713 - Cycle : 30 - PI : Young-Hwa Kim - Data mode : R - INST REF : APEX Profiling Float - Date : 2014 5 30

Float : 2901714 - Cycle : 30 - PI : Young-Hwa Kim - Data mode : R - INST REF : APEX Profiling Float - Date : 2014 5 31

Float : 2901716 - Cycle : 27 - PI : Young-Hwa Kim - Data mode : R - INST REF : APEX Profiling Float - Date : 2014 5 1

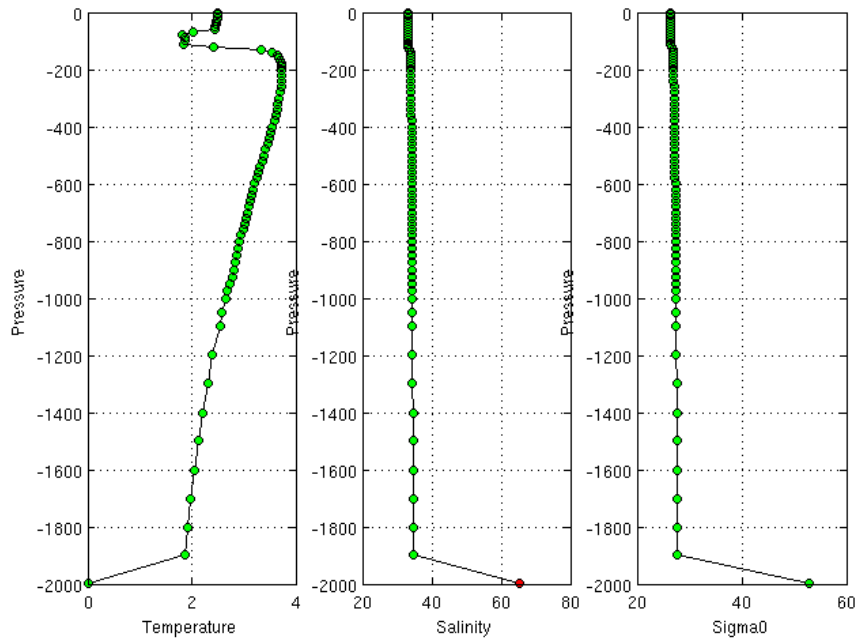
Warning Objective Analysis Anomalies 2014 June TEMP PSAL - DAC KM



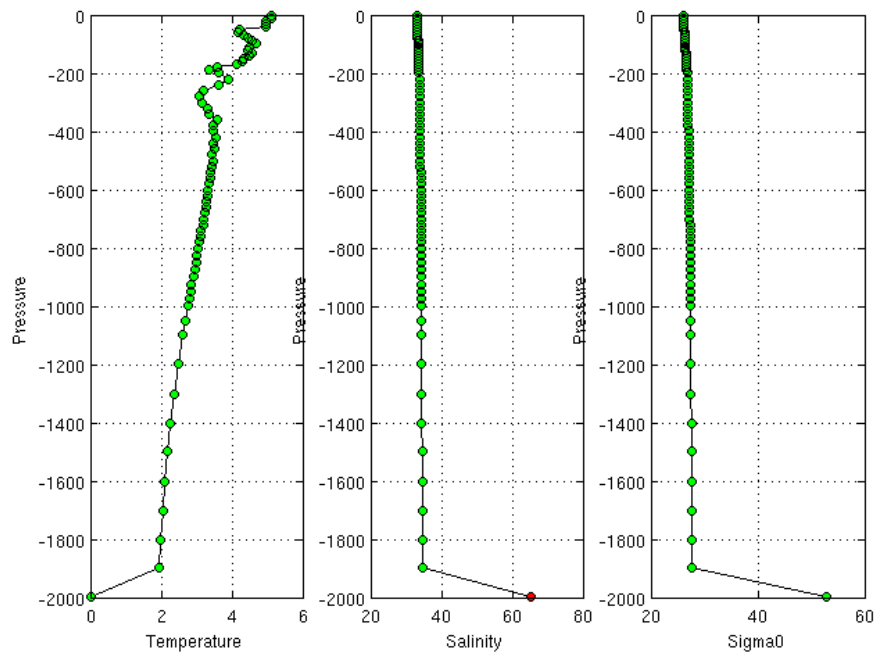
KM,2901712,27,01/05/2014 00:00:00,A,http://www.ifremer.fr/WC2argoFloats/station?&stationId=33018692 ,TEMP,1971.9,1971.9,1,4
KM,2901716,27,02/05/2014 00:00:00,A,http://www.ifremer.fr/WC2argoFloats/station?&stationId=33018695 ,TEMP,1997.5,1997.5,1,4
KM,2901714,30,01/06/2014 00:00:00,A,http://www.ifremer.fr/WC2argoFloats/station?&stationId=33201145 ,TEMP,1997.5,1997.5,1,4
KM,2901713,30,31/05/2014 00:00:00,A,http://www.ifremer.fr/WC2argoFloats/station?&stationId=33201144 ,TEMP,1997.5,1997.5,1,4

Example of anomalies:

Warning Objective Analysis Anomalies 2014 June TEMP PSAL : DAC KM- Float 2901716-27



Warning Objective Analysis Anomalies 2014 June TEMP PSAL : DAC KM- Float 2901713-30



8. DAC KORDI

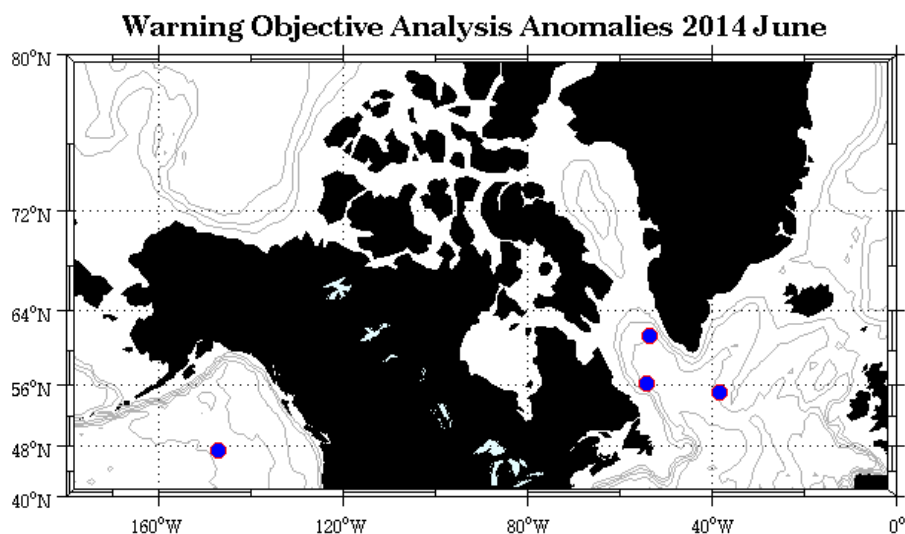
Profiles detected by the objective analysis: 0

Status of corrections: Not done, no feedback

Example of anomalies:

9. DAC MEDS

Profiles detected by the objective analysis: 4



Status of corrections: NOT DONE, NO FEEDBACK

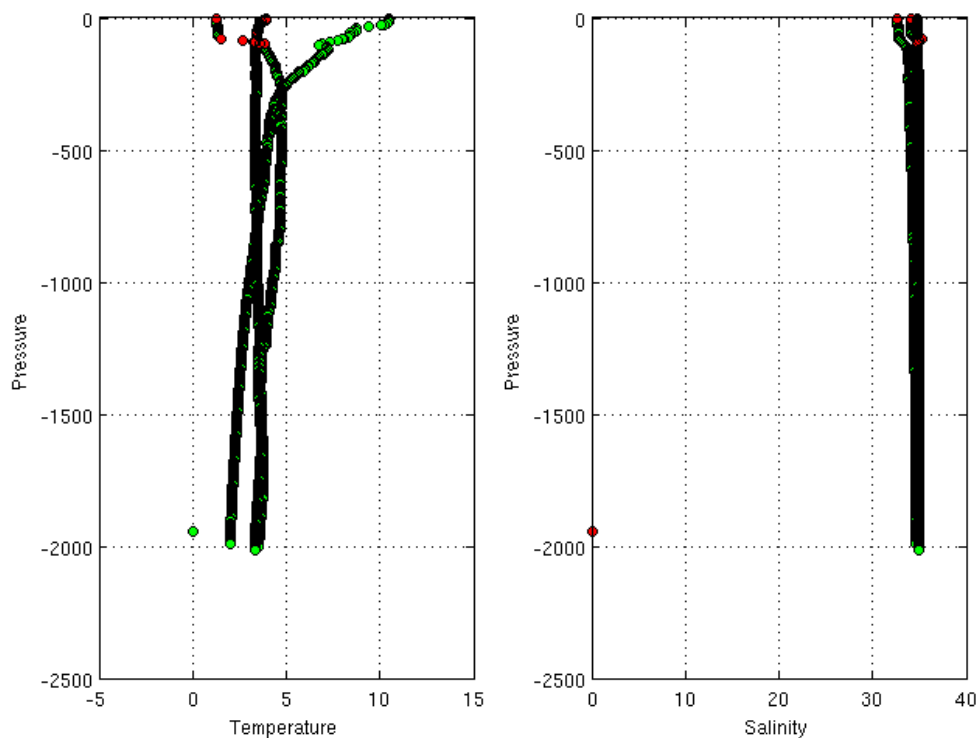
Float : 4901162 - Cycle : 110 - PI : Denis Gilbert - Data mode : R - INST REF : - Date : 2014 5 10

Float : 4901188 - Cycle : 68 - PI : Denis Gilbert - Data mode : A - INST REF : - Date : 2014 5 30

Float : 4901200 - Cycle : 68 - PI : Denis Gilbert - Data mode : A - INST REF : - Date : 2014 4 29

Float : 4901751 - Cycle : 37 - PI : Denis Gilbert - Data mode : A - INST REF : - Date : 2014 5 19

Warning Objective Analysis Anomalies 2014 June TEMP PSAL - DAC ME

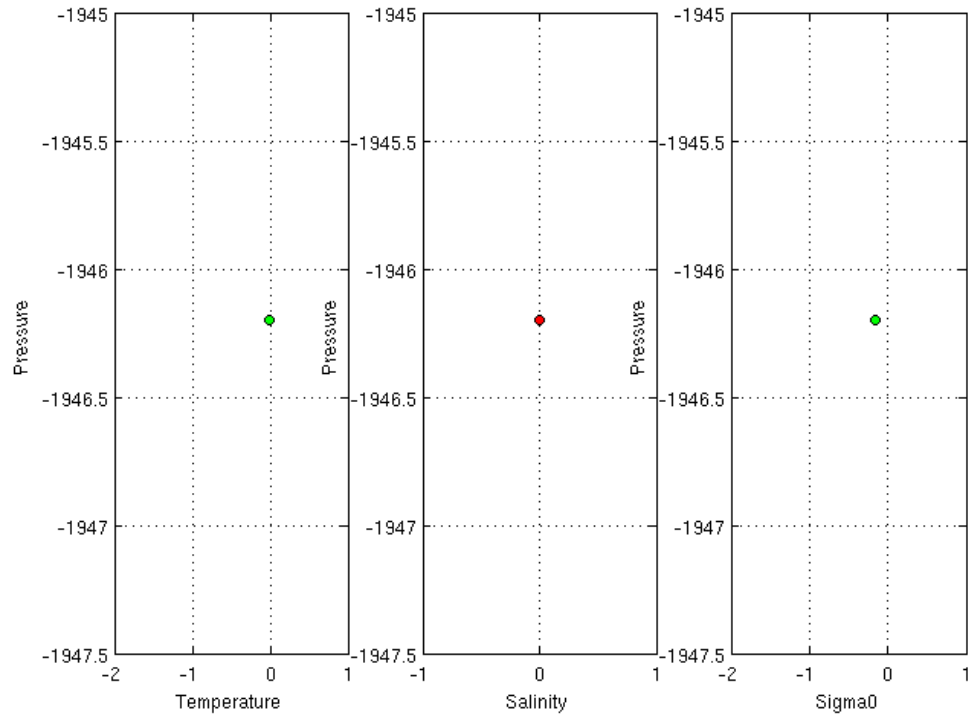


DAC_CODE,PLATFORM_CODE,CV_NUMBER,DATE_UPDATE,DIRECTION,WEB_URL,PARAMETER,START_IMMERSION,STOP_IMMERSION,OLD_QC,NEW_QC
ME,4901200,68,29/04/2014 00:00:00,A,<http://www.ifremer.fr/WC2argoFloats/station?&stationId=33019835> ,PSAL,70.2,74.5,1,4

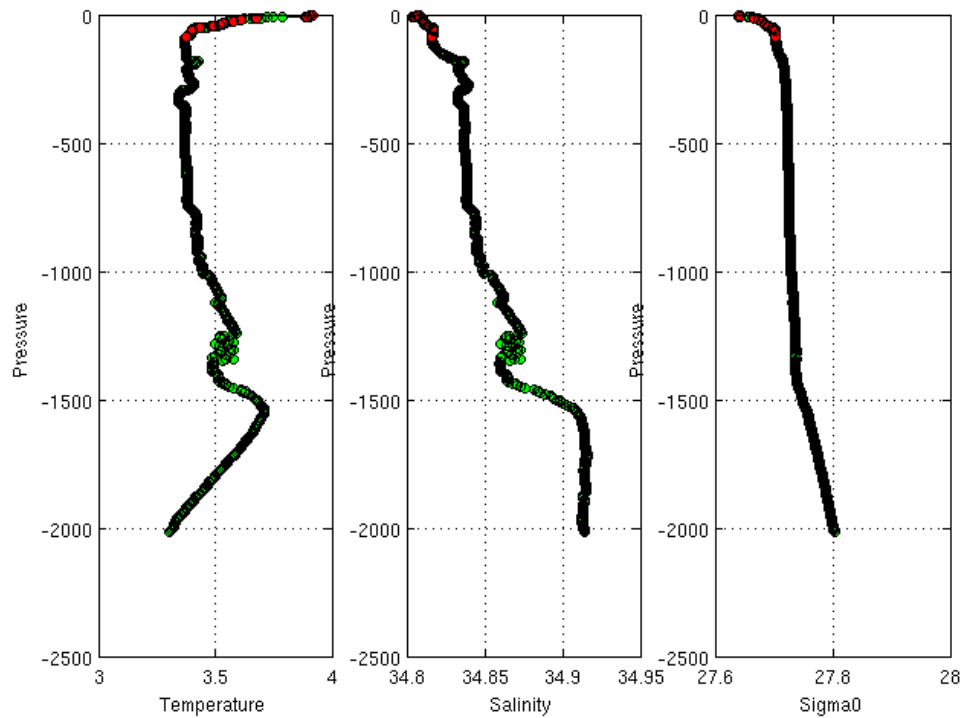
ME,4901188,68,30/05/2014 00:00:00,A,http://www.ifremer.fr/WC2argoFloats/station?&stationId=33187565 ,PSAL,9,5,1990.2,1,3
ME,4901162,110,12/05/2014 00:00:00,A,http://www.ifremer.fr/WC2argoFloats/station?&stationId=33052647 ,TEMP,1946.2,1946.2,1,4
ME,4901751,37,19/05/2014 00:00:00,A,http://www.ifremer.fr/WC2argoFloats/station?&stationId=33093626 ,PSAL,1245,1365,1,3
ME,4901751,37,19/05/2014 00:00:00,A,http://www.ifremer.fr/WC2argoFloats/station?&stationId=33093626 ,TEMP,1245,1365,1,3

Example of anomalies:

Warning Objective Analysis Anomalies 2014 June TEMP PSAL : DAC ME- Float 4901162-110

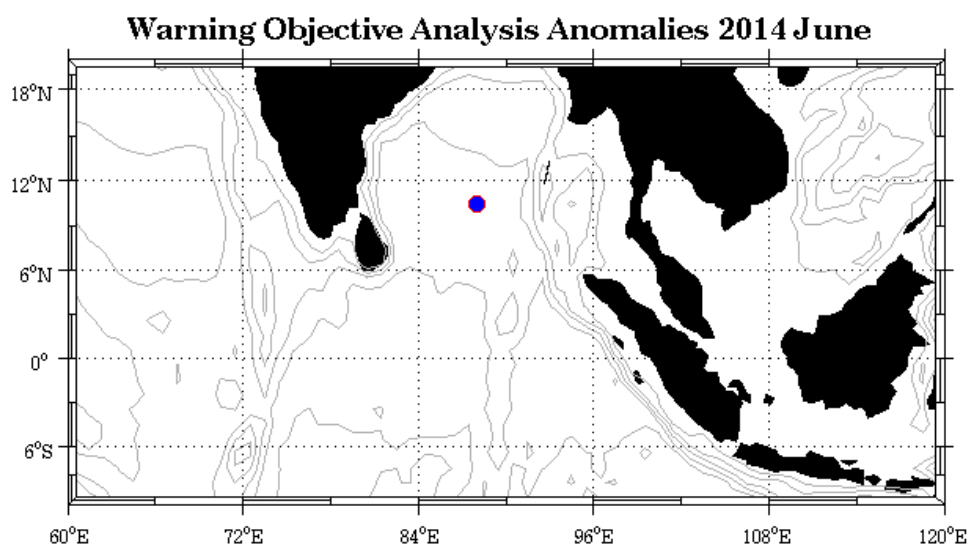


Warning Objective Analysis Anomalies 2014 June TEMP PSAL : DAC ME- Float 4901751-37



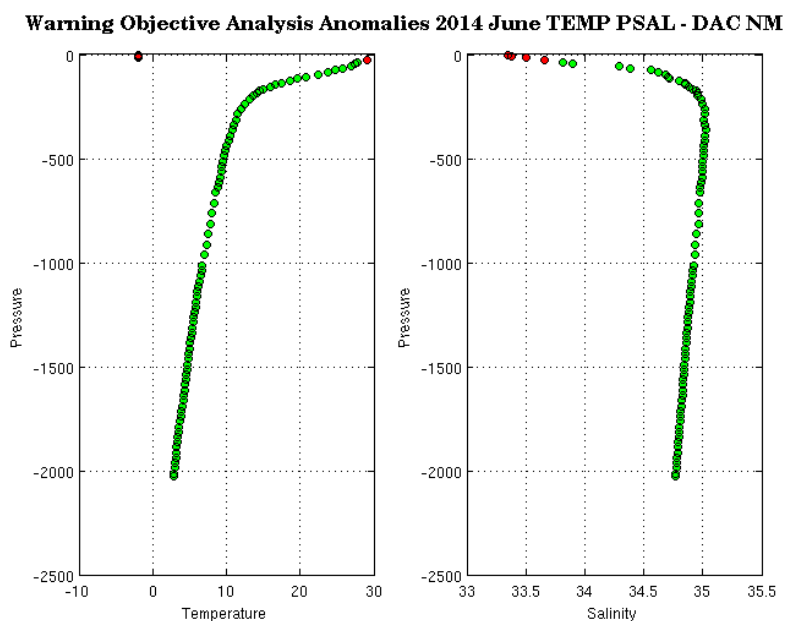
10. DAC NMDIS

Profiles detected by the objective analysis: 1



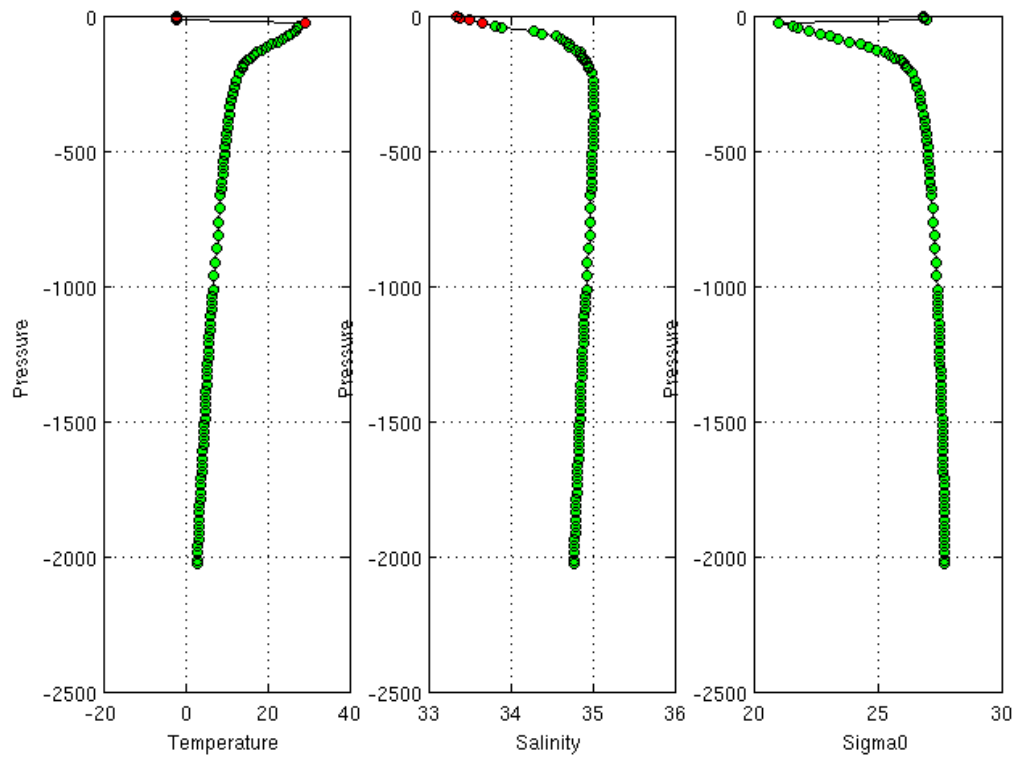
Status of corrections: Done without feedback

Float : 2901624 - Cycle : 147 - PI : Fengying Ji - Data mode : R - INST REF : - Date : 2014 5 7



DAC_CODE,PLATFORM_CODE,CV_NUMBER,DATE_UPDATE,DIRECTION,WEB_URL,PARAMETER,START_IMMERSION,STOP_IMMERSION,OLD_QC,NEW_QC
NM,2901624,147,11/06/2014 00:00:00,A,<http://www.ifremer.fr/WC2argoFloats/station?&stationId=33069637> ,TEMP,6,1,1,4

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 :

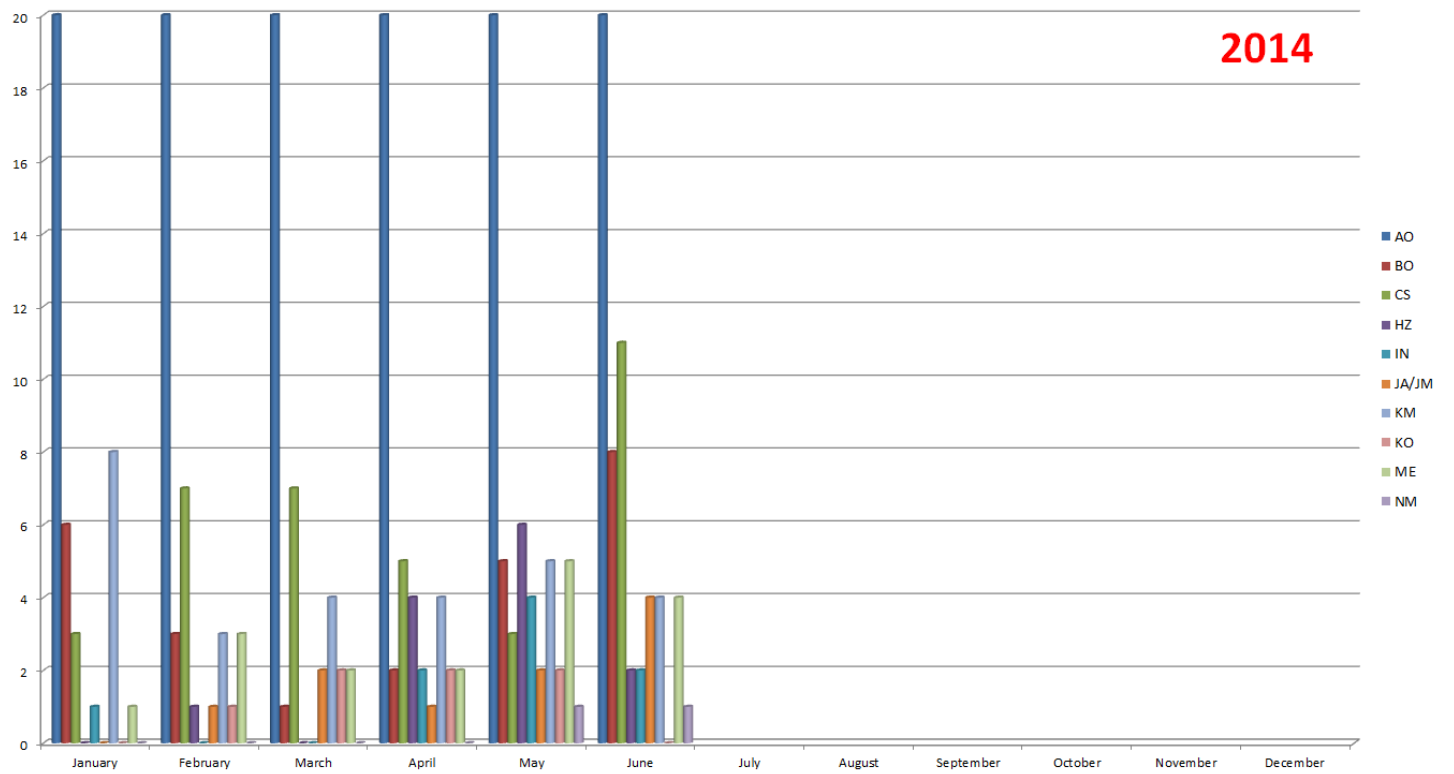
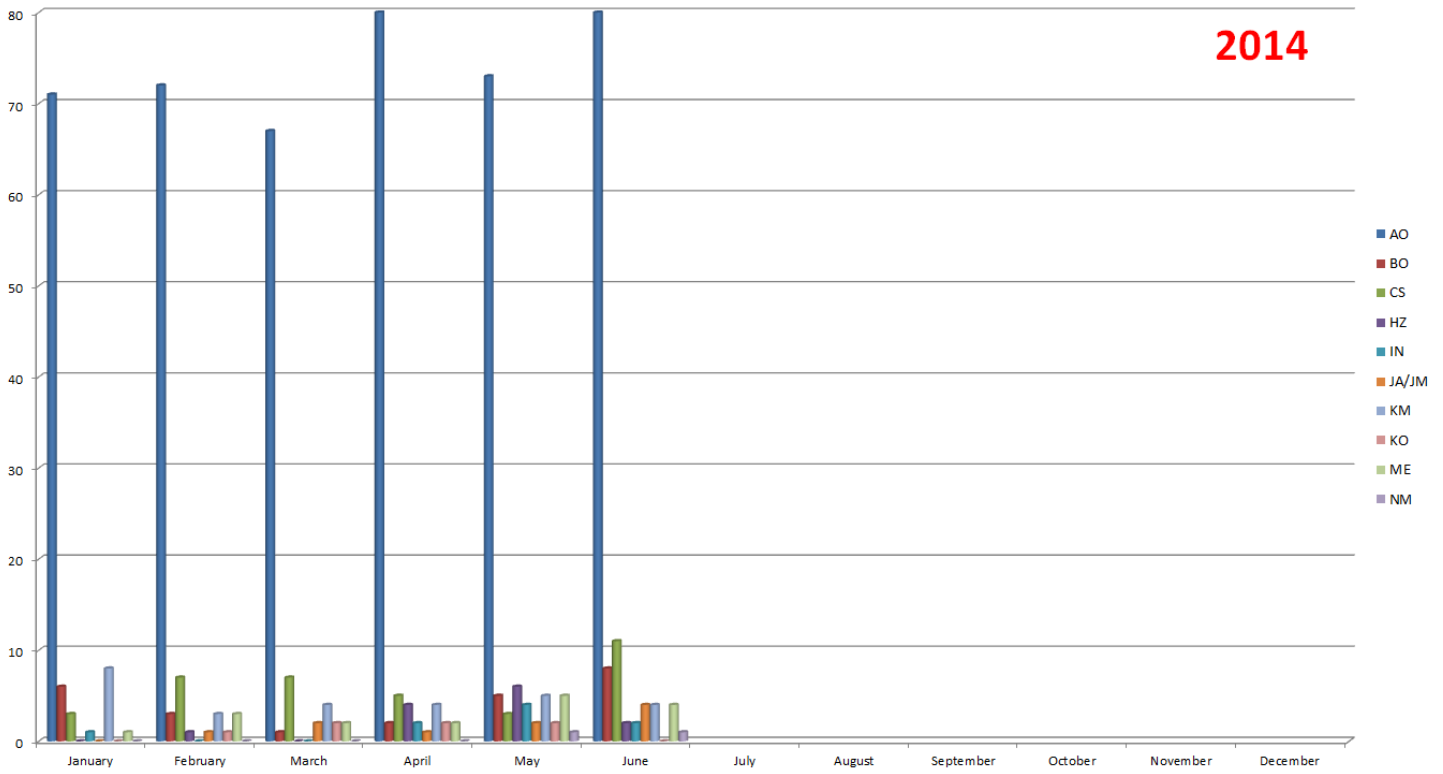
DATA_MODE = "R" => DATA_MODE = "D" ;

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

13.Statistics

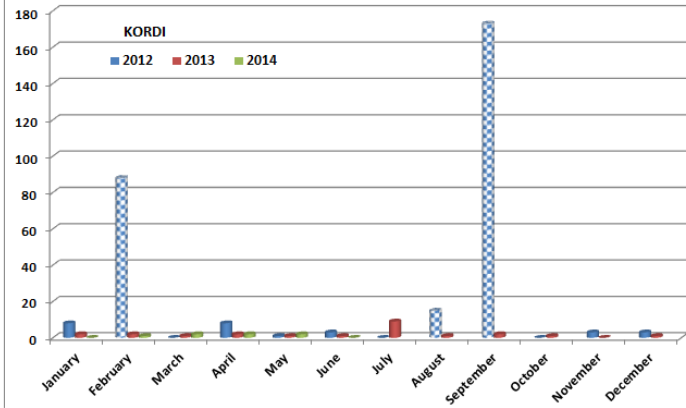
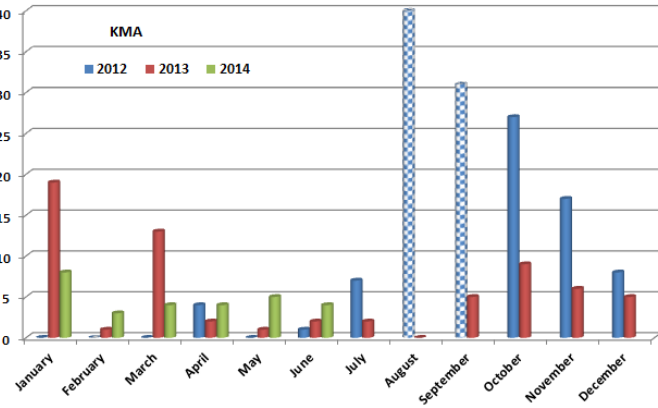
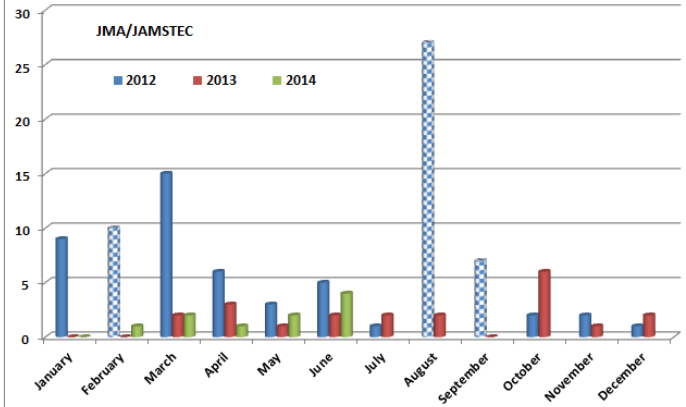
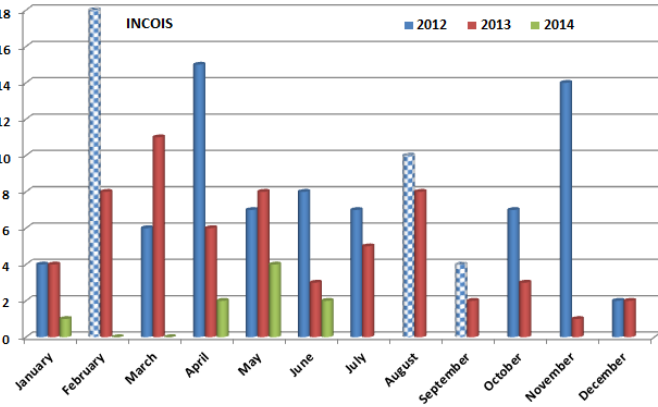
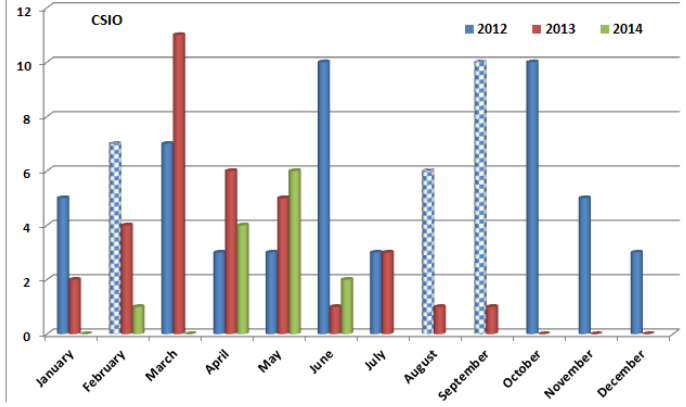
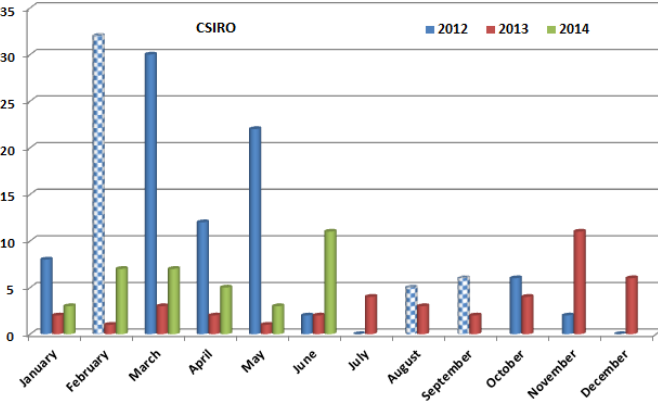
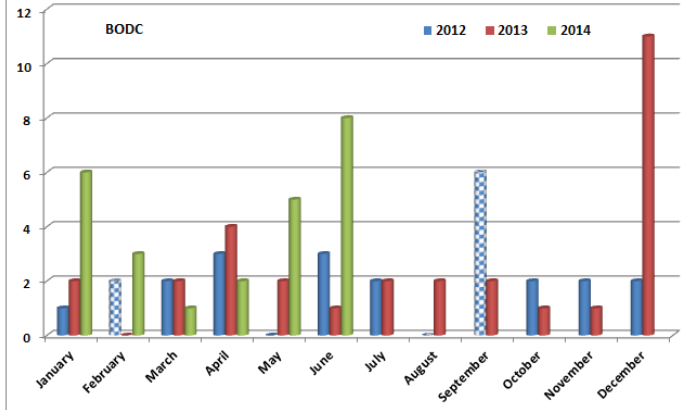
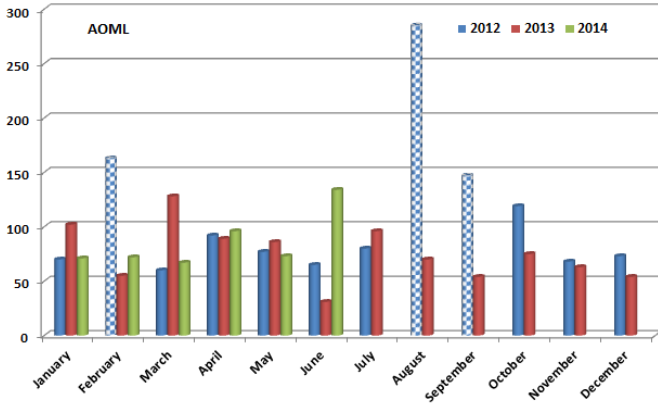
Plots showing evolution of number of anomalies by DAC.

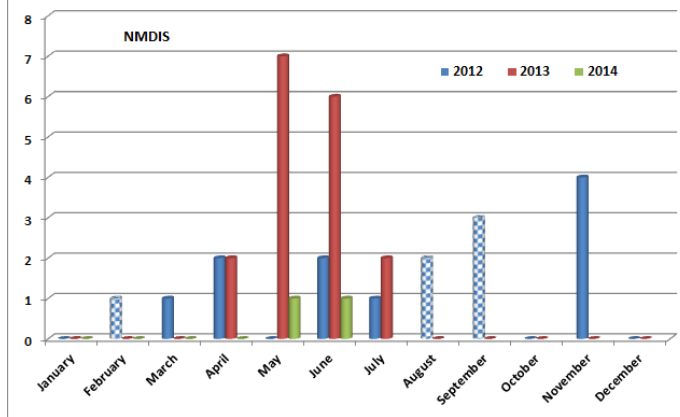
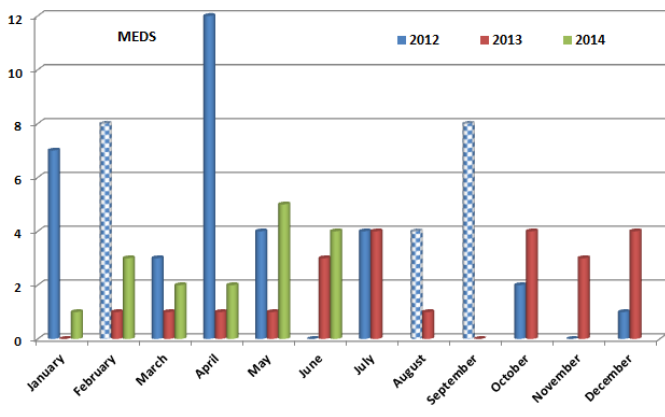
13.1. Year



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

13.2. DAC





13.3. Anomalies by year, by month

