



# Anomalies on Argo profiles

From warning objective analysis, netcdf file analysis

## Format version

**December 2016**

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**Coriolis**

## **NOTES**

**A feedback (list of anomalies) has been sent to Coriolis by modelers and profiles have been checked for the years 2014 and 2015.**

**As the result, the anomalies number has increased a lot for some DACs, details have been written for each DAC but information can be found taking into account the date of the profiles.**

# Anomalies by DAC

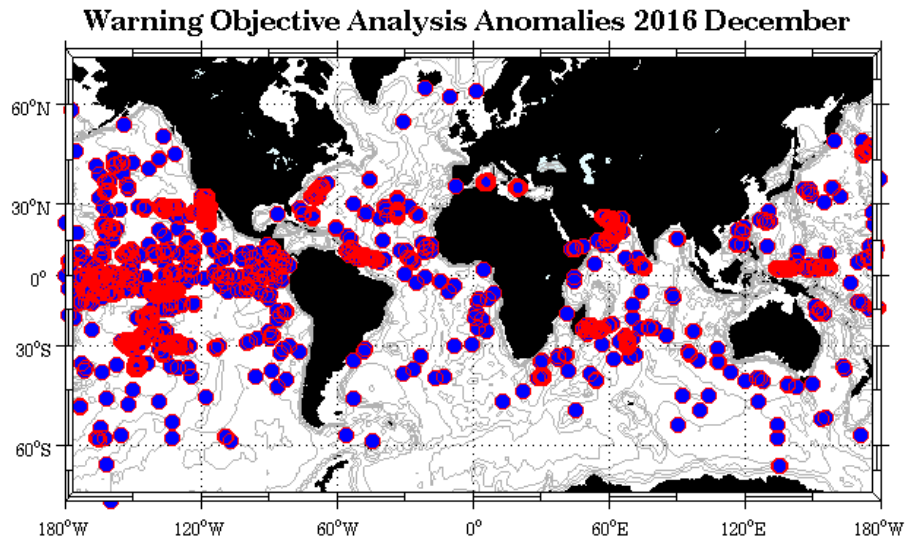
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## 1. DAC AOML

Profiles detected by the objective analysis:1399 anomalies (403 floats – float can have several cycles with anomalies)  
Only 254 floats are concerned by the last monthly check with the objective analysis, the others are due to others analysis done for the years 2014 and 2015 (feedback from modelers).



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

**In blue: floats with multipfiles.**

Float : 1900046 - Cycle : 125 - PI : STEPHEN RISER - Data mode : D - INST REF : - Date : 2006	7	2
Float : 1900727 - Cycle : 240 - PI : STEPHEN RISER - Data mode : A - INST REF : - Date : 2014	7	11
Float : 1900727 - Cycle : 242 - PI : STEPHEN RISER - Data mode : A - INST REF : - Date : 2014	7	31
Float : 1900727 - Cycle : 249 - PI : STEPHEN RISER - Data mode : A - INST REF : - Date : 2014	10	11
Float : 1900727 - Cycle : 250 - PI : STEPHEN RISER - Data mode : A - INST REF : - Date : 2014	10	21
Float : 1900727 - Cycle : 271 - PI : STEPHEN RISER - Data mode : A - INST REF : - Date : 2015	5	22
Float : 1900727 - Cycle : 273 - PI : STEPHEN RISER - Data mode : A - INST REF : - Date : 2015	6	12
Float : 1900727 - Cycle : 275 - PI : STEPHEN RISER - Data mode : A - INST REF : - Date : 2015	7	2
Float : 1900727 - Cycle : 278 - PI : STEPHEN RISER - Data mode : A - INST REF : - Date : 2015	8	1
Float : 1900954 - Cycle : 52 - PI : CARL SZCZECZOWSKI - Data mode : A - INST REF : - Date : 2014	11	4
Float : 1900954 - Cycle : 56 - PI : CARL SZCZECZOWSKI - Data mode : A - INST REF : - Date : 2014	11	20
Float : 1900954 - Cycle : 58 - PI : CARL SZCZECZOWSKI - Data mode : A - INST REF : - Date : 2014	11	28
Float : 1900954 - Cycle : 59 - PI : CARL SZCZECZOWSKI - Data mode : A - INST REF : - Date : 2014	12	2
Float : 1900954 - Cycle : 67 - PI : CARL SZCZECZOWSKI - Data mode : A - INST REF : - Date : 2015	1	3
Float : 1900954 - Cycle : 68 - PI : CARL SZCZECZOWSKI - Data mode : A - INST REF : - Date : 2015	1	7
Float : 1900954 - Cycle : 69 - PI : CARL SZCZECZOWSKI - Data mode : A - INST REF : - Date : 2015	1	11
Float : 1900954 - Cycle : 71 - PI : CARL SZCZECZOWSKI - Data mode : A - INST REF : - Date : 2015	1	19
Float : 1900954 - Cycle : 73 - PI : CARL SZCZECZOWSKI - Data mode : A - INST REF : - Date : 2015	1	27
Float : 1900954 - Cycle : 75 - PI : CARL SZCZECZOWSKI - Data mode : A - INST REF : - Date : 2015	2	4
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Float : 1900954 - Cycle : 77 - PI : CARL SZCZECZOWSKI - Data mode : A - INST REF : - Date : 2015	2	12
Float : 1900954 - Cycle : 78 - PI : CARL SZCZECZOWSKI - Data mode : A - INST REF : - Date : 2015	2	16
Float : 1900954 - Cycle : 79 - PI : CARL SZCZECZOWSKI - Data mode : A - INST REF : - Date : 2015	2	20
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Float : 1900954 - Cycle : 93 - PI : CARL SZCZECZOWSKI - Data mode : A - INST REF : - Date : 2015	4	17
Float : 1900954 - Cycle : 94 - PI : CARL SZCZECZOWSKI - Data mode : A - INST REF : - Date : 2015	4	21
Float : 1900954 - Cycle : 95 - PI : CARL SZCZECZOWSKI - Data mode : A - INST REF : - Date : 2015	4	25
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Float : 1900954 - Cycle : 98 - PI : CARL SZCZECZOWSKI - Data mode : A - INST REF : - Date : 2015	5	7

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 Float : 1900954 - Cycle : 101 - PI : CARL SZCZECZOWSKI - Data mode : A - INST REF : - Date : 2015 5 19  
 Float : 1900954 - Cycle : 102 - PI : CARL SZCZECZOWSKI - Data mode : A - INST REF : - Date : 2015 5 23  
 Float : 1900976 - Cycle : 193 - PI : GREGORY C. JOHNSON - Data mode : A - INST REF : - Date : 2014 10 8  
 Float : 1901000 - Cycle : 166 - PI : BRECK OWENS - Data mode : R - INST REF : - Date : 2014 6 22  
 Float : 1901385 - Cycle : 185 - PI : STEPHEN RISER - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 4530 - Date : 2015 3 2  
 Float : 1901414 - Cycle : 185 - PI : STEPHEN RISER - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 4374 - Date : 2015 3 7  
 Float : 1901429 - Cycle : 183 - PI : DEAN ROEMMICH - Data mode : D - INST REF : - Date : 2015 1 13  
 Float : 1901436 - Cycle : 187 - PI : DEAN ROEMMICH - Data mode : D - INST REF : - Date : 2015 2 14  
 Float : 1901436 - Cycle : 191 - PI : DEAN ROEMMICH - Data mode : D - INST REF : - Date : 2015 3 25  
 Float : 1901436 - Cycle : 201 - PI : DEAN ROEMMICH - Data mode : D - INST REF : - Date : 2015 7 3  
 Float : 1901446 - Cycle : 171 - PI : GREGORY C. JOHNSON - Data mode : A - INST REF : - Date : 2015 5 19  
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 Float : 1901451 - Cycle : 161 - PI : BRECK OWENS - Data mode : R - INST REF : - Date : 2014 9 8  
 Float : 1901481 - Cycle : 147 - PI : BRECK OWENS - Data mode : R - INST REF : - Date : 2014 10 3  
 Float : 1901487 - Cycle : 220 - PI : BRECK OWENS - Data mode : R - INST REF : - Date : 2016 10 20  
 Float : 1901494 - Cycle : 76 - PI : ARIEL TROISI - Data mode : R - INST REF : - Date : 2014 4 22  
 Float : 1901501 - Cycle : 110 - PI : BRECK OWENS - Data mode : R - INST REF : - Date : 2014 5 3  
 Float : 1901501 - Cycle : 205 - PI : BRECK OWENS - Data mode : R - INST REF : - Date : 2016 12 8  
 Float : 1901504 - Cycle : 119 - PI : BRECK OWENS - Data mode : R - INST REF : - Date : 2014 7 30  
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 Float : 1901504 - Cycle : 146 - PI : BRECK OWENS - Data mode : R - INST REF : - Date : 2015 4 26  
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 Float : 1901504 - Cycle : 157 - PI : BRECK OWENS - Data mode : R - INST REF : - Date : 2015 8 14  
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 Float : 1901504 - Cycle : 198 - PI : BRECK OWENS - Data mode : R - INST REF : - Date : 2016 9 27  
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 Float : 1901504 - Cycle : 205 - PI : BRECK OWENS - Data mode : R - INST REF : - Date : 2016 12 6  
 Float : 1901504 - Cycle : 206 - PI : BRECK OWENS - Data mode : R - INST REF : - Date : 2016 12 16  
 Float : 1901504 - Cycle : 207 - PI : BRECK OWENS - Data mode : R - INST REF : - Date : 2016 12 26  
 Float : 1901517 - Cycle : 125 - PI : GREGORY C. JOHNSON - Data mode : A - INST REF : - Date : 2014 6 17  
 Float : 1901517 - Cycle : 129 - PI : GREGORY C. JOHNSON - Data mode : A - INST REF : - Date : 2014 7 30  
 Float : 1901520 - Cycle : 2 - PI : CARL SZCZECZOWSKI - Data mode : A - INST REF : - Date : 2015 10 28  
 Float : 1901522 - Cycle : 90 - PI : CARL SZCZECZOWSKI - Data mode : A - INST REF : - Date : 2016 10 7  
 Float : 1901522 - Cycle : 91 - PI : CARL SZCZECZOWSKI - Data mode : A - INST REF : - Date : 2016 10 11  
 Float : 1901522 - Cycle : 92 - PI : CARL SZCZECZOWSKI - Data mode : A - INST REF : - Date : 2016 10 14  
 Float : 1901522 - Cycle : 103 - PI : CARL SZCZECZOWSKI - Data mode : A - INST REF : - Date : 2016 11 23  
 Float : 1901522 - Cycle : 105 - PI : CARL SZCZECZOWSKI - Data mode : A - INST REF : - Date : 2016 11 30  
 Float : 1901522 - Cycle : 106 - PI : CARL SZCZECZOWSKI - Data mode : A - INST REF : - Date : 2016 12 4  
 Float : 1901522 - Cycle : 107 - PI : CARL SZCZECZOWSKI - Data mode : A - INST REF : - Date : 2016 12 7  
 Float : 1901522 - Cycle : 108 - PI : CARL SZCZECZOWSKI - Data mode : A - INST REF : - Date : 2016 12 11  
 Float : 1901522 - Cycle : 109 - PI : CARL SZCZECZOWSKI - Data mode : A - INST REF : - Date : 2016 12 15  
 Float : 1901522 - Cycle : 110 - PI : CARL SZCZECZOWSKI - Data mode : A - INST REF : - Date : 2016 12 18  
 Float : 1901522 - Cycle : 111 - PI : CARL SZCZECZOWSKI - Data mode : A - INST REF : - Date : 2016 12 22  
 Float : 1901522 - Cycle : 112 - PI : CARL SZCZECZOWSKI - Data mode : A - INST REF : - Date : 2016 12 25  
 Float : 1901531 - Cycle : 103 - PI : BRECK OWENS - Data mode : R - INST REF : - Date : 2014 5 10  
 Float : 1901538 - Cycle : 115 - PI : BRECK OWENS - Data mode : R - INST REF : - Date : 2014 10 2  
 Float : 1901538 - Cycle : 196 - PI : BRECK OWENS - Data mode : R - INST REF : - Date : 2016 12 20  
 Float : 1901539 - Cycle : 196 - PI : BRECK OWENS - Data mode : R - INST REF : - Date : 2016 12 15  
 Float : 1901540 - Cycle : 197 - PI : BRECK OWENS - Data mode : R - INST REF : - Date : 2016 12 27  
 Float : 1901544 - Cycle : 91 - PI : BRECK OWENS - Data mode : R - INST REF : - Date : 2014 3 21  
 Float : 1901550 - Cycle : 213 - PI : DEAN ROEMMICH - Data mode : R - INST REF : - Date : 2016 12 15  
 Float : 1901552 - Cycle : 141 - PI : DEAN ROEMMICH - Data mode : D - INST REF : - Date : 2015 1 7  
 Float : 1901559 - Cycle : 188 - PI : BRECK OWENS - Data mode : R - INST REF : - Date : 2016 12 17  
 Float : 1901572 - Cycle : 74 - PI : BRECK OWENS - Data mode : R - INST REF : - Date : 2014 3 13  
 Float : 1901581 - Cycle : 102 - PI : BRECK OWENS - Data mode : R - INST REF : - Date : 2014 12 30  
 Float : 1901584 - Cycle : 125 - PI : BRECK OWENS - Data mode : R - INST REF : - Date : 2015 8 13  
 Float : 1901584 - Cycle : 126 - PI : BRECK OWENS - Data mode : R - INST REF : - Date : 2015 8 23  
 Float : 1901598 - Cycle : 153 - PI : BRECK OWENS - Data mode : R - Platform type : S2A - WMO inst type : 854 - FLOAT SERIAL : 7048 - Date : 2016 11 29



Float : 2901468 - Cycle : 84 - PI : CARL SZCZECHOWSKI - Data mode : A - INST REF : - Date : 2015 3 1  
 Float : 2901468 - Cycle : 85 - PI : CARL SZCZECHOWSKI - Data mode : A - INST REF : - Date : 2015 3 5  
 Float : 2901468 - Cycle : 96 - PI : CARL SZCZECHOWSKI - Data mode : A - INST REF : - Date : 2015 4 18  
 Float : 2901469 - Cycle : 23 - PI : CARL SZCZECHOWSKI - Data mode : A - INST REF : - Date : 2014 9 3  
 Float : 2901477 - Cycle : 185 - PI : CARL SZCZECHOWSKI - Data mode : A - INST REF : - Date : 2016 11 30  
 Float : 2901477 - Cycle : 186 - PI : CARL SZCZECHOWSKI - Data mode : A - INST REF : - Date : 2016 12 4  
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 Float : 2901638 - Cycle : 190 - PI : CARL SZCZECHOWSKI - Data mode : A - INST REF : - Date : 2016 12 4  
 Float : 2901640 - Cycle : 56 - PI : CARL SZCZECHOWSKI - Data mode : A - INST REF : - Date : 2015 8 22  
 Float : 2901642 - Cycle : 39 - PI : CARL SZCZECHOWSKI - Data mode : A - INST REF : - Date : 2015 4 12  
 Float : 2901642 - Cycle : 65 - PI : CARL SZCZECHOWSKI - Data mode : A - INST REF : - Date : 2015 7 25  
 Float : 2901642 - Cycle : 66 - PI : CARL SZCZECHOWSKI - Data mode : A - INST REF : - Date : 2015 7 29  
 Float : 2901642 - Cycle : 96 - PI : CARL SZCZECHOWSKI - Data mode : A - INST REF : - Date : 2015 11 26  
 Float : 2902041 - Cycle : 57 - PI : CARL SZCZECHOWSKI - Data mode : D - INST REF : - Date : 2015 11 17  
 Float : 2902043 - Cycle : 23 - PI : CARL SZCZECHOWSKI - Data mode : A - INST REF : - Date : 2015 7 7  
 Float : 2902061 - Cycle : 77 - PI : CARL SZCZECHOWSKI - Data mode : A - INST REF : - Date : 2016 9 25  
 Float : 2902064 - Cycle : 118 - PI : CARL SZCZECHOWSKI - Data mode : A - INST REF : - Date : 2016 12 10  
 Float : 2902064 - Cycle : 119 - PI : CARL SZCZECHOWSKI - Data mode : A - INST REF : - Date : 2016 12 14  
 Float : 2902392 - Cycle : 40 - PI : BRECK OWENS, STEVEN JAYNE, P.E. ROBBINS - Data mode : R - Platform type : S2A - WMO inst type : 854 - FLOAT SERIAL : 7332 - Date : 2016 11 25  
 Float : 2902393 - Cycle : 39 - PI : BRECK OWENS, STEVEN JAYNE, P.E. ROBBINS - Data mode : R - Platform type : S2A - WMO inst type : 854 - FLOAT SERIAL : 7316 - Date : 2016 11 23  
 Float : 2902398 - Cycle : 41 - PI : BRECK OWENS, STEVEN JAYNE, P.E. ROBBINS - Data mode : R - Platform type : S2A - WMO inst type : 854 - FLOAT SERIAL : 7340 - Date : 2016 12 16  
 Float : 2902400 - Cycle : 63 - PI : CARL SZCZECHOWSKI - Data mode : A - INST REF : - Date : 2016 11 29  
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 Float : 2903123 - Cycle : 110 - PI : CARL SZCZECHOWSKI - Data mode : A - INST REF : - Date : 2016 10 25  
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 Float : 2903123 - Cycle : 137 - PI : CARL SZCZECHOWSKI - Data mode : A - INST REF : - Date : 2016 11 26  
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 Float : 2903123 - Cycle : 143 - PI : CARL SZCZECHOWSKI - Data mode : A - INST REF : - Date : 2016 12 2  
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 Float : 2903123 - Cycle : 145 - PI : CARL SZCZECHOWSKI - Data mode : A - INST REF : - Date : 2016 12 5  
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 Float : 2903123 - Cycle : 148 - PI : CARL SZCZECHOWSKI - Data mode : A - INST REF : - Date : 2016 12 8  
 Float : 2903123 - Cycle : 149 - PI : CARL SZCZECHOWSKI - Data mode : A - INST REF : - Date : 2016 12 9  
 Float : 2903123 - Cycle : 150 - PI : CARL SZCZECHOWSKI - Data mode : A - INST REF : - Date : 2016 12 10  
 Float : 2903123 - Cycle : 152 - PI : CARL SZCZECHOWSKI - Data mode : A - INST REF : - Date : 2016 12 12  
 Float : 2903123 - Cycle : 153 - PI : CARL SZCZECHOWSKI - Data mode : A - INST REF : - Date : 2016 12 13  
 Float : 2903123 - Cycle : 154 - PI : CARL SZCZECHOWSKI - Data mode : A - INST REF : - Date : 2016 12 14  
 Float : 2903123 - Cycle : 156 - PI : CARL SZCZECHOWSKI - Data mode : A - INST REF : - Date : 2016 12 16  
 Float : 2903123 - Cycle : 157 - PI : CARL SZCZECHOWSKI - Data mode : A - INST REF : - Date : 2016 12 17  
 Float : 2903123 - Cycle : 158 - PI : CARL SZCZECHOWSKI - Data mode : A - INST REF : - Date : 2016 12 18  
 Float : 2903123 - Cycle : 162 - PI : CARL SZCZECHOWSKI - Data mode : A - INST REF : - Date : 2016 12 25  
 Float : 2903124 - Cycle : 161 - PI : CARL SZCZECHOWSKI - Data mode : A - INST REF : - Date : 2016 12 25  
 Float : 3900335 - Cycle : 369 - PI : STEPHEN RISER - Data mode : A - INST REF : - Date : 2016 8 29  
 Float : 3900502 - Cycle : 288 - PI : STEPHEN RISER - Data mode : D - INST REF : - Date : 2014 5 21  
 Float : 3900502 - Cycle : 322 - PI : STEPHEN RISER - Data mode : D - INST REF : - Date : 2015 5 18  
 Float : 3900541 - Cycle : 375 - PI : GREGORY C. JOHNSON - Data mode : A - INST REF : - Date : 2016 12 8  
 Float : 3900543 - Cycle : 281 - PI : GREGORY C. JOHNSON - Data mode : A - INST REF : - Date : 2014 3 15  
 Float : 3900543 - Cycle : 376 - PI : GREGORY C. JOHNSON - Data mode : A - INST REF : - Date : 2016 12 18  
 Float : 3900546 - Cycle : 281 - PI : GREGORY C. JOHNSON - Data mode : D - INST REF : - Date : 2014 3 25  
 Float : 3900571 - Cycle : 308 - PI : GREGORY C. JOHNSON - Data mode : A - INST REF : - Date : 2015 5 4  
 Float : 3900571 - Cycle : 316 - PI : GREGORY C. JOHNSON - Data mode : A - INST REF : - Date : 2015 7 29  
 Float : 3900571 - Cycle : 352 - PI : GREGORY C. JOHNSON - Data mode : A - INST REF : - Date : 2016 8 17  
 Float : 3900587 - Cycle : 249 - PI : GREGORY C. JOHNSON - Data mode : A - INST REF : - Date : 2014 3 1  
 Float : 3900587 - Cycle : 291 - PI : GREGORY C. JOHNSON - Data mode : A - INST REF : - Date : 2015 5 25  
 Float : 3900587 - Cycle : 292 - PI : GREGORY C. JOHNSON - Data mode : A - INST REF : - Date : 2015 6 4  
 Float : 3900587 - Cycle : 345 - PI : GREGORY C. JOHNSON - Data mode : A - INST REF : - Date : 2016 12 23  
 Float : 3900588 - Cycle : 329 - PI : GREGORY C. JOHNSON - Data mode : A - INST REF : - Date : 2016 8 18  
 Float : 3900614 - Cycle : 280 - PI : GREGORY C. JOHNSON - Data mode : A - INST REF : - Date : 2015 6 23  
 Float : 3900654 - Cycle : 305 - PI : GREGORY C. JOHNSON - Data mode : A - INST REF : - Date : 2016 12 11  
 Float : 3900654 - Cycle : 306 - PI : GREGORY C. JOHNSON - Data mode : A - INST REF : - Date : 2016 12 21  
 Float : 3900659 - Cycle : 239 - PI : GREGORY C. JOHNSON - Data mode : A - INST REF : - Date : 2015 1 5  
 Float : 3900659 - Cycle : 305 - PI : GREGORY C. JOHNSON - Data mode : A - INST REF : - Date : 2016 12 6  
 Float : 3900674 - Cycle : 101 - PI : GREGORY C. JOHNSON - Data mode : D - INST REF : - Date : 2014 4 29  
 Float : 3900715 - Cycle : 269 - PI : Robert A. Weller - Data mode : D - INST REF : SOLOIR\_SBE\_0856 - Date : 2014 1 28  
 Float : 3900715 - Cycle : 270 - PI : Robert A. Weller - Data mode : D - INST REF : SOLOIR\_SBE\_0856 - Date : 2014 2 7  
 Float : 3900715 - Cycle : 271 - PI : Robert A. Weller - Data mode : D - INST REF : SOLOIR\_SBE\_0856 - Date : 2014 2 17  
 Float : 3900715 - Cycle : 274 - PI : Robert A. Weller - Data mode : D - INST REF : SOLOIR\_SBE\_0856 - Date : 2014 3 19  
 Float : 3900738 - Cycle : 179 - PI : GREGORY C. JOHNSON - Data mode : A - INST REF : - Date : 2014 9 26  
 Float : 3900739 - Cycle : 238 - PI : GREGORY C. JOHNSON - Data mode : A - INST REF : - Date : 2016 6 26





Float : 3901016 - Cycle : 135 - PI : DEAN ROEMMICH - Data mode : D - INST REF : - Date : 2014 11 7  
 Float : 3901034 - Cycle : 77 - PI : GREGORY C. JOHNSON - Data mode : D - INST REF : - Date : 2014 3 21  
 Float : 3901036 - Cycle : 174 - PI : BRECK OWENS - Data mode : R - Platform type : S2A - WMO inst type : 854 - FLOAT SERIAL : 7038 - Date : 2016 12 11  
 Float : 3901048 - Cycle : 50 - PI : BRECK OWENS, STEVE JAYNE, P.E. ROBBINS - Data mode : R - INST REF : - Date : 2015 6 14  
 Float : 3901053 - Cycle : 47 - PI : BRECK OWENS, STEVE JAYNE, P.E. ROBBINS - Data mode : R - INST REF : - Date : 2015 5 5  
 Float : 3901057 - Cycle : 4 - PI : PRITHA TUTASI - Data mode : R - Platform type : S2A - WMO inst type : 854 - FLOAT SERIAL : 7022 - Date : 2014 12 2  
 Float : 3901117 - Cycle : 25 - PI : GREGORY C. JOHNSON - Data mode : A - INST REF : - Date : 2014 7 26  
 Float : 3901122 - Cycle : 153 - PI : DEAN ROEMMICH - Data mode : R - Platform type : SOLO - WMO inst type : 851 - FLOAT SERIAL : 3057 - Date : 2016 11 16  
 Float : 3901122 - Cycle : 154 - PI : DEAN ROEMMICH - Data mode : R - Platform type : SOLO - WMO inst type : 851 - FLOAT SERIAL : 3057 - Date : 2016 11 26  
 Float : 3901122 - Cycle : 155 - PI : DEAN ROEMMICH - Data mode : R - Platform type : SOLO - WMO inst type : 851 - FLOAT SERIAL : 3057 - Date : 2016 12 6  
 Float : 3901122 - Cycle : 156 - PI : DEAN ROEMMICH - Data mode : R - Platform type : SOLO - WMO inst type : 851 - FLOAT SERIAL : 3057 - Date : 2016 12 16  
 Float : 3901122 - Cycle : 157 - PI : DEAN ROEMMICH - Data mode : R - Platform type : SOLO - WMO inst type : 851 - FLOAT SERIAL : 3057 - Date : 2016 12 26  
 Float : 3901130 - Cycle : 165 - PI : DEAN ROEMMICH - Data mode : R - Platform type : SOLO\_II - WMO inst type : 853 - FLOAT SERIAL : 8103 - Date : 2016 12 13  
 Float : 3901135 - Cycle : 176 - PI : DEAN ROEMMICH - Data mode : R - Platform type : S2A - WMO inst type : 854 - FLOAT SERIAL : 7093 - Date : 2016 11 30  
 Float : 3901147 - Cycle : 118 - PI : CARL SZCZECZOWSKI - Data mode : A - INST REF : - Date : 2014 5 17  
 Float : 3901147 - Cycle : 119 - PI : CARL SZCZECZOWSKI - Data mode : A - INST REF : - Date : 2014 5 21  
 Float : 3901147 - Cycle : 120 - PI : CARL SZCZECZOWSKI - Data mode : A - INST REF : - Date : 2014 5 25  
 Float : 3901147 - Cycle : 208 - PI : CARL SZCZECZOWSKI - Data mode : A - INST REF : - Date : 2015 5 12  
 Float : 3901147 - Cycle : 210 - PI : CARL SZCZECZOWSKI - Data mode : A - INST REF : - Date : 2015 5 20  
 Float : 3901148 - Cycle : 109 - PI : GREGORY C. JOHNSON - Data mode : A - INST REF : - Date : 2016 3 14  
 Float : 3901149 - Cycle : 108 - PI : GREGORY C. JOHNSON - Data mode : A - INST REF : - Date : 2016 3 7  
 Float : 3901149 - Cycle : 133 - PI : GREGORY C. JOHNSON - Data mode : A - INST REF : - Date : 2016 11 12  
 Float : 3901156 - Cycle : 79 - PI : GREGORY C. JOHNSON - Data mode : A - INST REF : - Date : 2016 5 25  
 Float : 3901156 - Cycle : 98 - PI : GREGORY C. JOHNSON - Data mode : A - INST REF : - Date : 2016 11 30  
 Float : 3901162 - Cycle : 154 - PI : DEAN ROEMMICH - Data mode : R - Platform type : SOLO\_II - WMO inst type : 853 - FLOAT SERIAL : 8204 - Date : 2016 12 15  
 Float : 3901169 - Cycle : 53 - PI : GREGORY C. JOHNSON - Data mode : A - INST REF : - Date : 2015 8 28  
 Float : 3901171 - Cycle : 62 - PI : GREGORY C. JOHNSON - Data mode : A - INST REF : - Date : 2015 9 4  
 Float : 3901176 - Cycle : 87 - PI : GREGORY C. JOHNSON - Data mode : A - INST REF : - Date : 2016 10 25  
 Float : 3901177 - Cycle : 26 - PI : GREGORY C. JOHNSON - Data mode : A - INST REF : - Date : 2015 2 23  
 Float : 3901178 - Cycle : 29 - PI : GREGORY C. JOHNSON - Data mode : A - INST REF : - Date : 2015 3 24  
 Float : 3901179 - Cycle : 18 - PI : GREGORY C. JOHNSON - Data mode : A - INST REF : - Date : 2014 12 8  
 Float : 3901186 - Cycle : 44 - PI : GREGORY C. JOHNSON - Data mode : A - INST REF : - Date : 2015 6 2  
 Float : 3901187 - Cycle : 1 - PI : GREGORY C. JOHNSON - Data mode : A - INST REF : - Date : 2014 3 27  
 Float : 3901191 - Cycle : 9 - PI : GREGORY C. JOHNSON - Data mode : A - INST REF : - Date : 2015 7 14  
 Float : 3901191 - Cycle : 23 - PI : GREGORY C. JOHNSON - Data mode : A - INST REF : - Date : 2015 12 1  
 Float : 3901192 - Cycle : 16 - PI : GREGORY C. JOHNSON - Data mode : A - INST REF : - Date : 2015 9 22  
 Float : 3901193 - Cycle : 54 - PI : GREGORY C. JOHNSON - Data mode : A - INST REF : - Date : 2016 10 6  
 Float : 3901194 - Cycle : 44 - PI : GREGORY C. JOHNSON - Data mode : A - INST REF : - Date : 2016 6 26  
 Float : 3901197 - Cycle : 6 - PI : GREGORY C. JOHNSON - Data mode : A - INST REF : - Date : 2015 6 13  
 Float : 3901204 - Cycle : 60 - PI : DEAN ROEMMICH - Data mode : R - Platform type : SOLO\_II - WMO inst type : 853 - FLOAT SERIAL : 8334 - Date : 2016 9 30  
 Float : 3901233 - Cycle : 30 - PI : BRECK OWENS, STEVEN JAYNE, P.E. ROBBINS - Data mode : R - Platform type : S2A - WMO inst type : 854 - FLOAT SERIAL : 7336 - Date : 2016 11 29  
 Float : 3901262 - Cycle : 56 - PI : CARL SZCZECZOWSKI - Data mode : R - Platform type : S2A - WMO inst type : 854 - FLOAT SERIAL : 10018 - Date : 2016 12 5  
 Float : 3901266 - Cycle : 58 - PI : CARL SZCZECZOWSKI - Data mode : R - Platform type : S2A - WMO inst type : 854 - FLOAT SERIAL : 10027 - Date : 2016 12 16  
 Float : 4900323 - Cycle : 366 - PI : STEPHEN RISER - Data mode : A - INST REF : - Date : 2016 8 23  
 Float : 4900323 - Cycle : 367 - PI : STEPHEN RISER - Data mode : A - INST REF : - Date : 2016 9 2  
 Float : 4900323 - Cycle : 368 - PI : STEPHEN RISER - Data mode : A - INST REF : - Date : 2016 9 13  
 Float : 4900323 - Cycle : 369 - PI : STEPHEN RISER - Data mode : A - INST REF : - Date : 2016 9 23  
 Float : 4900325 - Cycle : 373 - PI : STEPHEN RISER - Data mode : A - INST REF : - Date : 2016 11 13  
 Float : 4900326 - Cycle : 367 - PI : STEPHEN RISER - Data mode : A - INST REF : - Date : 2016 9 12  
 Float : 4900326 - Cycle : 368 - PI : STEPHEN RISER - Data mode : A - INST REF : - Date : 2016 9 22  
 Float : 4900688 - Cycle : 298 - PI : GREGORY C. JOHNSON - Data mode : A - INST REF : - Date : 2014 9 11  
 Float : 4900768 - Cycle : 294 - PI : DEAN ROEMMICH - Data mode : D - INST REF : - Date : 2014 12 5  
 Float : 4900853 - Cycle : 215 - PI : GREGORY C. JOHNSON - Data mode : A - INST REF : - Date : 2014 10 6  
 Float : 4900854 - Cycle : 209 - PI : GREGORY C. JOHNSON - Data mode : A - INST REF : - Date : 2014 10 13  
 Float : 4900854 - Cycle : 247 - PI : GREGORY C. JOHNSON - Data mode : A - INST REF : - Date : 2015 11 21  
 Float : 4900855 - Cycle : 208 - PI : GREGORY C. JOHNSON - Data mode : A - INST REF : - Date : 2014 10 2  
 Float : 4901046 - Cycle : 145 - PI : BRECK OWENS - Data mode : R - INST REF : - Date : 2014 8 10  
 Float : 4901046 - Cycle : 146 - PI : BRECK OWENS - Data mode : R - INST REF : - Date : 2014 8 20  
 Float : 4901046 - Cycle : 152 - PI : BRECK OWENS - Data mode : R - INST REF : - Date : 2014 10 19  
 Float : 4901048 - Cycle : 178 - PI : GREGORY C. JOHNSON - Data mode : A - INST REF : - Date : 2014 7 12  
 Float : 4901049 - Cycle : 200 - PI : GREGORY C. JOHNSON - Data mode : A - INST REF : - Date : 2015 3 7  
 Float : 4901049 - Cycle : 201 - PI : GREGORY C. JOHNSON - Data mode : A - INST REF : - Date : 2015 3 18  
 Float : 4901204 - Cycle : 147 - PI : BRECK OWENS - Data mode : R - INST REF : - Date : 2014 7 13  
 Float : 4901204 - Cycle : 193 - PI : BRECK OWENS - Data mode : R - INST REF : - Date : 2015 10 16  
 Float : 4901240 - Cycle : 244 - PI : GREGORY C. JOHNSON - Data mode : A - INST REF : - Date : 2016 12 3  
 Float : 4901243 - Cycle : 202 - PI : GREGORY C. JOHNSON - Data mode : A - INST REF : - Date : 2016 3 4  
 Float : 4901243 - Cycle : 206 - PI : GREGORY C. JOHNSON - Data mode : A - INST REF : - Date : 2016 4 16  
 Float : 4901253 - Cycle : 132 - PI : GREGORY C. JOHNSON - Data mode : A - INST REF : - Date : 2014 2 23  
 Float : 4901261 - Cycle : 180 - PI : GREGORY C. JOHNSON - Data mode : A - INST REF : - Date : 2015 7 15  
 Float : 4901280 - Cycle : 107 - PI : BRECK OWENS - Data mode : R - INST REF : - Date : 2014 3 11  
 Float : 4901400 - Cycle : 132 - PI : BRECK OWENS - Data mode : R - INST REF : - Date : 2015 9 30  
 Float : 4901400 - Cycle : 139 - PI : BRECK OWENS - Data mode : R - INST REF : - Date : 2015 12 9  
 Float : 4901430 - Cycle : 171 - PI : GREGORY C. JOHNSON - Data mode : A - INST REF : - Date : 2016 9 27  
 Float : 4901435 - Cycle : 89 - PI : GREGORY C. JOHNSON - Data mode : A - INST REF : - Date : 2014 5 8  
 Float : 4901435 - Cycle : 114 - PI : GREGORY C. JOHNSON - Data mode : A - INST REF : - Date : 2015 1 29  
 Float : 4901435 - Cycle : 128 - PI : GREGORY C. JOHNSON - Data mode : A - INST REF : - Date : 2015 6 27  
 Float : 4901435 - Cycle : 134 - PI : GREGORY C. JOHNSON - Data mode : A - INST REF : - Date : 2015 8 30





















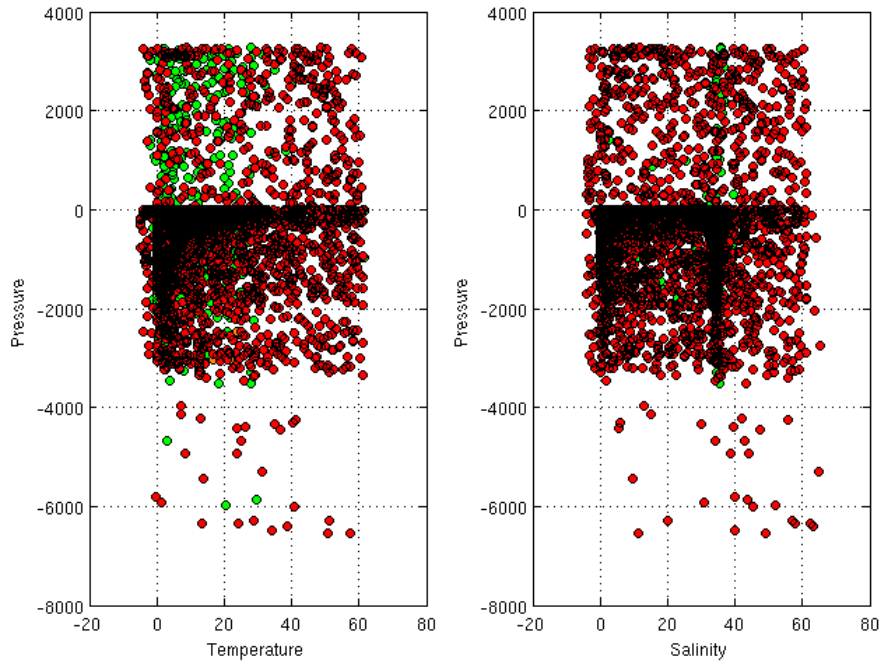




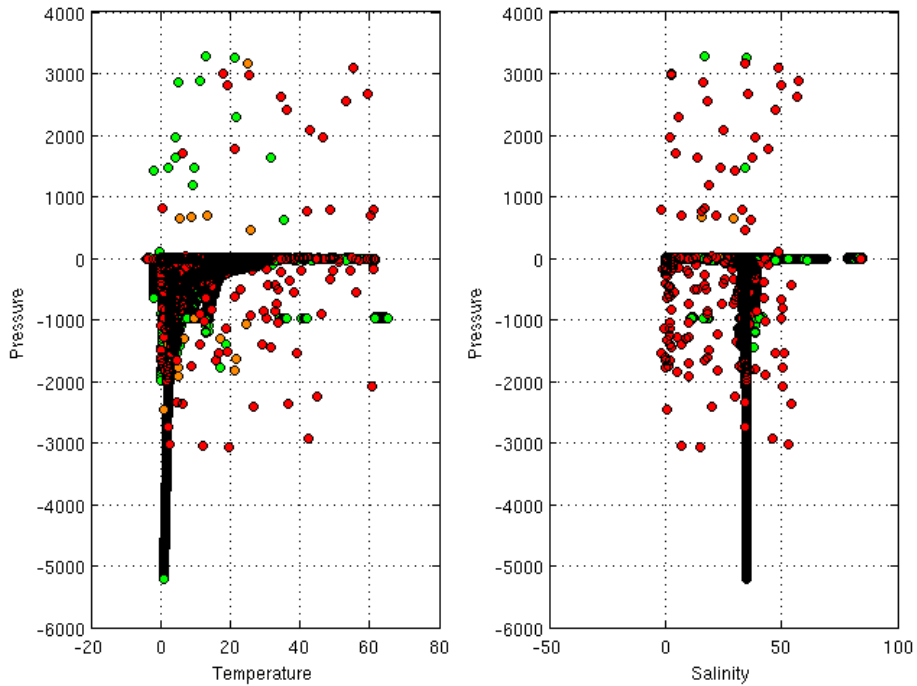


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 Float : 5904534 - Cycle : 92 - PI : DEAN ROEMMICH - Data mode : R - Platform type : SOLO\_II - WMO inst type : 853 - FLOAT SERIAL : 8200 - Date : 2016 11 18  
 Float : 5904542 - Cycle : 52 - PI : CARL SZCZECZOWSKI - Data mode : A - INST REF : - Date : 2015 2 1  
 Float : 5904542 - Cycle : 92 - PI : CARL SZCZECZOWSKI - Data mode : A - INST REF : - Date : 2015 7 11  
 Float : 5904545 - Cycle : 17 - PI : GREGORY C. JOHNSON - Data mode : A - INST REF : - Date : 2015 2 15  
 Float : 5904545 - Cycle : 76 - PI : GREGORY C. JOHNSON - Data mode : A - INST REF : - Date : 2016 9 27  
 Float : 5904549 - Cycle : 31 - PI : GREGORY C. JOHNSON - Data mode : A - INST REF : - Date : 2015 8 7  
 Float : 5904549 - Cycle : 32 - PI : GREGORY C. JOHNSON - Data mode : A - INST REF : - Date : 2015 8 17  
 Float : 5904550 - Cycle : 31 - PI : GREGORY C. JOHNSON - Data mode : A - INST REF : - Date : 2015 8 8  
 Float : 5904551 - Cycle : 18 - PI : GREGORY C. JOHNSON - Data mode : A - INST REF : - Date : 2015 4 1  
 Float : 5904552 - Cycle : 3 - PI : GREGORY C. JOHNSON - Data mode : A - INST REF : - Date : 2014 11 3  
 Float : 5904553 - Cycle : 27 - PI : GREGORY C. JOHNSON - Data mode : A - INST REF : - Date : 2015 7 2  
 Float : 5904563 - Cycle : 49 - PI : CARL SZCZECZOWSKI - Data mode : A - INST REF : - Date : 2015 1 21  
 Float : 5904573 - Cycle : 11 - PI : GREGORY C. JOHNSON - Data mode : A - INST REF : - Date : 2015 6 18  
 Float : 5904573 - Cycle : 64 - PI : GREGORY C. JOHNSON - Data mode : A - INST REF : - Date : 2016 11 29  
 Float : 5904575 - Cycle : 27 - PI : GREGORY C. JOHNSON - Data mode : A - INST REF : - Date : 2015 11 22  
 Float : 5904579 - Cycle : 11 - PI : GREGORY C. JOHNSON - Data mode : A - INST REF : - Date : 2015 6 29  
 Float : 5904583 - Cycle : 4 - PI : GREGORY C. JOHNSON - Data mode : A - INST REF : - Date : 2015 5 20  
 Float : 5904599 - Cycle : 86 - PI : STEPHEN RISER - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 6849 - Date : 2016 11 20  
 Float : 5904600 - Cycle : 6 - PI : STEPHEN RISER - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7057 - Date : 2015 5 23  
 Float : 5904601 - Cycle : 30 - PI : STEPHEN RISER - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7056 - Date : 2015 9 14  
 Float : 5904620 - Cycle : 37 - PI : STEPHEN RISER - Data mode : A - INST REF : - Date : 2016 9 21  
 Float : 5904645 - Cycle : 42 - PI : STEPHEN RISER - Data mode : A - INST REF : - Date : 2016 12 11  
 Float : 5904673 - Cycle : 20 - PI : STEPHEN RISER - Data mode : A - Platform type : NAVIS\_A - WMO inst type : 863 - FLOAT SERIAL : 0571 - Date : 2016 11 19  
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 Float : 5904673 - Cycle : 23 - PI : STEPHEN RISER - Data mode : A - Platform type : NAVIS\_A - WMO inst type : 863 - FLOAT SERIAL : 0571 - Date : 2016 12 19  
 Float : 5904674 - Cycle : 21 - PI : STEPHEN RISER - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7338 - Date : 2016 12 24  
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 Float : 5904699 - Cycle : 25 - PI : GREGORY C. JOHNSON - Data mode : A - INST REF : - Date : 2016 4 13  
 Float : 5904715 - Cycle : 4 - PI : GREGORY C. JOHNSON - Data mode : A - INST REF : - Date : 2015 8 13  
 Float : 5904762 - Cycle : 10 - PI : STEPHEN RISER - Data mode : A - INST REF : - Date : 2016 10 4  
 Float : 5904838 - Cycle : 63 - PI : STEPHEN RISER - Data mode : A - INST REF : - Date : 2016 11 27  
 Float : 5904838 - Cycle : 68 - PI : STEPHEN RISER - Data mode : A - INST REF : - Date : 2016 12 22  
 Float : 6900114 - Cycle : 197 - PI : CARL SZCZECZOWSKI - Data mode : A - INST REF : - Date : 2014 8 9  
 Float : 6900418 - Cycle : 294 - PI : CARL SZCZECZOWSKI - Data mode : A - INST REF : - Date : 2016 11 19  
 Float : 6900418 - Cycle : 295 - PI : CARL SZCZECZOWSKI - Data mode : A - INST REF : - Date : 2016 11 20  
 Float : 6900418 - Cycle : 296 - PI : CARL SZCZECZOWSKI - Data mode : A - INST REF : - Date : 2016 11 21  
 Float : 6900418 - Cycle : 297 - PI : CARL SZCZECZOWSKI - Data mode : A - INST REF : - Date : 2016 11 22  
 Float : 6900418 - Cycle : 298 - PI : CARL SZCZECZOWSKI - Data mode : A - INST REF : - Date : 2016 11 23  
 Float : 6900418 - Cycle : 299 - PI : CARL SZCZECZOWSKI - Data mode : A - INST REF : - Date : 2016 11 24  
 Float : 6900418 - Cycle : 300 - PI : CARL SZCZECZOWSKI - Data mode : A - INST REF : - Date : 2016 11 25  
 Float : 6900418 - Cycle : 306 - PI : CARL SZCZECZOWSKI - Data mode : A - INST REF : - Date : 2016 12 1  
 Float : 6900418 - Cycle : 307 - PI : CARL SZCZECZOWSKI - Data mode : A - INST REF : - Date : 2016 12 2  
 Float : 6900418 - Cycle : 308 - PI : CARL SZCZECZOWSKI - Data mode : A - INST REF : - Date : 2016 12 3  
 Float : 6900418 - Cycle : 309 - PI : CARL SZCZECZOWSKI - Data mode : A - INST REF : - Date : 2016 12 4  
 Float : 6900418 - Cycle : 310 - PI : CARL SZCZECZOWSKI - Data mode : A - INST REF : - Date : 2016 12 5  
 Float : 6900418 - Cycle : 313 - PI : CARL SZCZECZOWSKI - Data mode : A - INST REF : - Date : 2016 12 8  
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 Float : 6900418 - Cycle : 316 - PI : CARL SZCZECZOWSKI - Data mode : A - INST REF : - Date : 2016 12 11  
 Float : 6900418 - Cycle : 318 - PI : CARL SZCZECZOWSKI - Data mode : A - INST REF : - Date : 2016 12 13  
 Float : 6900418 - Cycle : 319 - PI : CARL SZCZECZOWSKI - Data mode : A - INST REF : - Date : 2016 12 14  
 Float : 6900418 - Cycle : 320 - PI : CARL SZCZECZOWSKI - Data mode : A - INST REF : - Date : 2016 12 15  
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 Float : 6900418 - Cycle : 322 - PI : CARL SZCZECZOWSKI - Data mode : A - INST REF : - Date : 2016 12 17  
 Float : 6900418 - Cycle : 323 - PI : CARL SZCZECZOWSKI - Data mode : A - INST REF : - Date : 2016 12 18  
 Float : 6900418 - Cycle : 332 - PI : CARL SZCZECZOWSKI - Data mode : A - INST REF : - Date : 2016 12 27  
 Float : 6900418 - Cycle : 333 - PI : CARL SZCZECZOWSKI - Data mode : A - INST REF : - Date : 2016 12 28  
 Float : 6900423 - Cycle : 225 - PI : CARL SZCZECZOWSKI - Data mode : A - INST REF : - Date : 2016 12 5  
 Float : 7900204 - Cycle : 131 - PI : DEAN ROEMMICH - Data mode : R - Platform type : SOLO\_II - WMO inst type : 853 - FLOAT SERIAL : 8318 - Date : 2016 12 11  
 Float : 7900671 - Cycle : 26 - PI : DEAN ROEMMICH - Data mode : R - Platform type : SOLO\_II - WMO inst type : 853 - FLOAT SERIAL : 8456 - Date : 2016 12 14  
 Float : 7900676 - Cycle : 25 - PI : DEAN ROEMMICH - Data mode : R - Platform type : SOLO\_II - WMO inst type : 853 - FLOAT SERIAL : 8460 - Date : 2016 12 10

**Warning Objective Analysis Anomalies 2016 December TEMP PSAL - DAC AO**



**Warning Objective Analysis Anomalies 2016 December TEMP PSAL - DAC AO**



DAC\_CODE,PLATFORM\_CODE,CV\_NUMBER,DATE\_UPDATE,DIRECTION,WEB\_URL,PARAMETER,START\_IMMERSION,STOP\_IMMERSION,OLD\_QC,NEW\_QC  
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 AO,1900727,240,18/06/2015 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=33679280> ,TEMP,462.9,3470.8,1,3  
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 AO,1900727,240,18/06/2015 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=33679280> ,TEMP,473.2,473.2,1,3  
 AO,1900727,240,18/06/2015 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=33679280> ,TEMP,473.2,473.2,1,4  
 AO,1900727,240,18/06/2015 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=33679280> ,TEMP\_ADJUSTED,1349.2,1898.7,3,1















AO,1901538,196,21/12/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=51360210 ,PSAL,72,76,1,4  
AO,1901538,196,21/12/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=51360210 ,TEMP,12,66,1,4  
AO,1901538,196,21/12/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=51360210 ,TEMP,72,76,1,4  
AO,1901538,196,21/12/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=51360210 ,TEMP,84,180,1,4  
AO,1901539,196,16/12/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=51321295 ,PSAL,1,20,1,4  
AO,1901540,197,28/12/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=51395738 ,TEMP,12,276,1,4  
AO,1901544,91,06/04/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=32660981 ,TEMP,5,1700,1,3  
AO,1901550,213,16/12/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=51320776 ,PSAL,201,261,1,4  
AO,1901550,213,16/12/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=51320776 ,PSAL,351,441,1,4  
AO,1901552,141,10/11/2015 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=35635471 ,PSAL,69,261,1,3  
AO,1901552,141,10/11/2015 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=35635471 ,PSAL,906,1866,1,3  
AO,1901559,188,18/12/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=51337497 ,PSAL,12,130,1,3  
AO,1901559,188,18/12/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=51337497 ,PSAL,134,778,4,3  
AO,1901559,188,18/12/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=51337497 ,TEMP,12,130,1,3  
AO,1901559,188,18/12/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=51337497 ,TEMP,136,764,1,3  
AO,1901572,74,06/04/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=32612154 ,PSAL,5,75,1,4  
AO,1901581,102,31/12/2014 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=35567961 ,PSAL,1750,1995,6,1,3  
AO,1901584,125,14/08/2015 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=41110679 ,PSAL,25,35,1,4  
AO,1901584,125,14/08/2015 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=41110679 ,PSAL,500,600,1,4  
AO,1901584,125,14/08/2015 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=41110679 ,TEMP,25,35,1,4  
AO,1901584,125,14/08/2015 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=41110679 ,TEMP,260,340,1,4  
AO,1901584,126,24/08/2015 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=41212867 ,PSAL,180,195,1,4  
AO,1901584,126,24/08/2015 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=41212867 ,TEMP,180,180,1,4  
AO,1901598,153,29/11/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=51192162 ,PSAL,340.08,414,1,4  
AO,1901604,84,18/08/2014 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=33978024 ,PSAL,5.1,1901.4,3,1  
AO,1901604,84,18/08/2014 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=33978024 ,PSAL\_ADJUSTED,5.1,1901.4,3,1  
AO,1901604,84,18/08/2014 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=33978024 ,TEMP,5.1,1901.4,3,1  
AO,1901604,84,18/08/2014 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=33978024 ,TEMP\_ADJUSTED,5.1,1901.4,3,1  
AO,1901618,63,31/08/2014 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=34085297 ,PSAL,30,182,1,4  
AO,1901618,63,31/08/2014 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=34085297 ,PSAL,4,28,1,4  
AO,1901622,155,15/12/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=51318221 ,PSAL,1.12,192,1,3  
AO,1901622,155,15/12/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=51318221 ,PSAL,198,424,1,3  
AO,1901622,155,15/12/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=51318221 ,PSAL,435.96,969,4,4,4  
AO,1901622,155,25/12/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=51318221 ,PSAL,435.96,534,1,4  
AO,1901624,145,05/12/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=51172040 ,PSAL,104,296,1,3  
AO,1901624,145,05/12/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=51172040 ,PSAL,28,42,1,4  
AO,1901624,145,05/12/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=51172040 ,PSAL,50,88,1,4  
AO,1901624,145,05/12/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=51172040 ,PSAL,6.04,9.04,1,4  
AO,1901624,145,05/12/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=51172040 ,PSAL,96,98,1,3  
AO,1901624,145,05/12/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=51172042 ,PSAL,1.2,1.2,1,4  
AO,1901626,97,16/01/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=39574724 ,TEMP,1.08,996.24,1,3  
AO,1901642,73,24/05/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=35250146 ,PSAL,2,6,4,4  
AO,1901642,73,24/05/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=35250146 ,PSAL,20,697.96,1,4  
AO,1901642,73,24/05/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=35250146 ,PSAL,506,693.96,3,4  
AO,1901642,73,24/05/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=35250146 ,PSAL,61.96,310,3,4  
AO,1901680,127,18/01/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=35024889 ,TEMP,1.16,2002.04,1,3  
AO,1901680,128,24/05/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=35102245 ,TEMP,1.16,2002.04,1,3  
AO,1901680,129,18/01/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=35211114 ,TEMP,1.16,2002.04,1,3  
AO,1901680,130,24/05/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=35294616 ,TEMP,1.16,2002.04,1,3  
AO,1901680,131,24/05/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=35388885 ,TEMP,1.16,2002.04,1,3  
AO,1901680,132,24/05/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=35503060 ,TEMP,1.16,2002.04,1,3  
AO,1901680,133,24/05/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=35578427 ,TEMP,1.16,2002.04,1,3  
AO,1901680,134,24/05/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=35687907 ,TEMP,1.16,2002.04,1,3  
AO,1901685,57,25/05/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=39065117 ,PSAL,1.04,11.96,1,4  
AO,1901685,57,25/05/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=39065117 ,PSAL,26,42,1,4  
AO,1901685,57,25/05/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=39065117 ,PSAL,60,200,1,4  
AO,1901691,605,29/09/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=45355631 ,PSAL,23.96,25.92,1,4  
AO,1901691,605,29/09/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=45355633 ,PSAL,16.56,19.68,1,3  
AO,1901691,605,29/09/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=45355633 ,PSAL,20.72,22.12,1,4  
AO,1901691,605,29/09/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=45355633 ,PSAL,22.56,23.84,1,4  
AO,1901691,605,29/09/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=45355633 ,PSAL,23.92,27.32,1,3  
AO,1901692,47,26/05/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=35261339 ,PSAL,122,160,1,4  
AO,1901692,47,26/05/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=35261339 ,PSAL,170,180,1,4  
AO,1901692,47,26/05/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=35261339 ,PSAL,191.96,191.96,3,4  
AO,1901692,47,26/05/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=35261339 ,PSAL,198,310,3,4  
AO,1901692,47,26/05/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=35261339 ,PSAL,198,318.04,1,3  
AO,1901692,47,26/05/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=35261339 ,PSAL,198,318.04,1,4  
AO,1901692,47,26/05/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=35261339 ,PSAL,322,330.04,3,4  
AO,1901692,47,26/05/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=35261339 ,PSAL,326,496,1,3  
AO,1901692,47,26/05/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=35261339 ,PSAL,326,496,1,4  
AO,1901692,47,26/05/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=35261339 ,PSAL,506,605.92,3,4  
AO,1901715,94,21/12/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=51360237 ,PSAL,386,430,1,4  
AO,1901715,94,21/12/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=51360237 ,PSAL,688,786,1,4  
AO,1901719,86,11/10/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=45382837 ,PSAL,108,129.96,1,4  
AO,1901719,86,11/10/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=45382837 ,PSAL,20,66,4,3  
AO,1901719,86,11/10/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=45382837 ,PSAL,239.96,262,1,3  
AO,1901787,10,20/11/2015 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=35577947 ,PSAL,116.04,134.04,3,4  
AO,1901787,10,20/11/2015 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=35577947 ,PSAL,143.96,150,3,4



















































AO,3901016,135,17/11/2015 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=35048001 ,PSAL,906,966,1,3  
AO,3901016,135,17/11/2015 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=35048001 ,PSAL\_ADJUSTED,105,906,1,3  
AO,3901034,77,11/03/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=32658308 ,PSAL,4.3,16.1,1,4  
AO,3901034,77,11/03/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=32658308 ,PSAL\_ADJUSTED,4.3,19.9,1,4  
AO,3901036,174,12/12/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=51288431 ,PSAL,122.04,210,1,4  
AO,3901036,174,12/12/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=51288431 ,PSAL,22,40,1,3  
AO,3901036,174,12/12/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=51288431 ,PSAL,70,72,1,4  
AO,3901036,174,12/12/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=51288431 ,PSAL,91.96,99.96,1,4  
AO,3901036,174,12/12/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=51288431 ,PSAL,964,980,1,3  
AO,3901036,174,21/12/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=51288431 ,PSAL,122.04,242,1,4  
AO,3901036,174,21/12/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=51288431 ,PSAL,36,40,1,4  
AO,3901036,174,21/12/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=51288431 ,PSAL,91.96,99.96,1,4  
AO,3901048,50,11/01/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=40274979 ,PSAL,164,177.96,1,3  
AO,3901048,50,11/01/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=40274979 ,PSAL,187.96,210,1,3  
AO,3901048,50,11/01/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=40274979 ,PSAL,495.96,504.04,4,3  
AO,3901048,50,11/01/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=40274979 ,PSAL,610.04,2013,1,3  
AO,3901053,47,11/01/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=39627371 ,PSAL,182,194,1,4  
AO,3901053,47,11/01/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=39627371 ,PSAL,54,60,1,4  
AO,3901057,4,26/05/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=35261100 ,PSAL,107.96,125.96,1,3  
AO,3901057,4,26/05/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=35261100 ,PSAL,137.96,238,1,3  
AO,3901057,4,26/05/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=35261100 ,PSAL,610,724,1,3  
AO,3901057,4,26/05/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=35261100 ,PSAL,736.04,941.96,1,3  
AO,3901117,25,19/04/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=33829978 ,PSAL,2.9,1343.7,3,1  
AO,3901117,25,19/04/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=33829978 ,PSAL\_ADJUSTED,2.9,1343.7,3,1  
AO,3901117,25,19/04/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=33829978 ,TEMP,2.9,1343.7,3,1  
AO,3901117,25,19/04/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=33829978 ,TEMP\_ADJUSTED,2.9,1343.7,3,1  
AO,3901122,153,26/11/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=50522136 ,PSAL,1.44,2000.24,1,3  
AO,3901122,154,06/12/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=51183491 ,PSAL,2.16,2001.16,1,3  
AO,3901122,155,06/12/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=51254653 ,PSAL,1.16,2005.32,1,3  
AO,3901122,155,16/12/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=51254653 ,PSAL,1.16,2005.32,1,3  
AO,3901122,156,16/12/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=51321342 ,PSAL,1.16,2003.36,1,3  
AO,3901122,156,26/12/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=51321342 ,PSAL,1.16,2003.36,1,3  
AO,3901122,157,26/12/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=51390487 ,PSAL,1.16,2001.1,3  
AO,3901130,165,13/12/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=51291816 ,PSAL,412,486,1,3  
AO,3901130,165,23/12/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=51291816 ,PSAL,412,492.04,1,4  
AO,3901135,176,10/12/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=51210058 ,PSAL,1.04,1210,1,3  
AO,3901147,118,06/04/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=33089234 ,PSAL,30.7,1198.7,3,1  
AO,3901147,118,06/04/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=33089234 ,PSAL\_ADJUSTED,30.7,1198.7,3,1  
AO,3901147,118,06/04/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=33089234 ,TEMP,5.6,1198.7,3,1  
AO,3901147,118,06/04/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=33089234 ,TEMP\_ADJUSTED,5.6,1198.7,3,1  
AO,3901147,119,06/04/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=33127088 ,PSAL,20.3,1200,3,1  
AO,3901147,119,06/04/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=33127088 ,PSAL\_ADJUSTED,20.3,1200,3,1  
AO,3901147,119,06/04/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=33127088 ,TEMP,5.6,1200,3,1  
AO,3901147,119,06/04/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=33127088 ,TEMP\_ADJUSTED,5.6,1200,3,1  
AO,3901147,120,06/04/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=33141055 ,PSAL,25.2,1199.5,3,1  
AO,3901147,120,06/04/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=33141055 ,PSAL\_ADJUSTED,25.2,1199.5,3,1  
AO,3901147,120,06/04/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=33141055 ,TEMP,4.9,1199.5,3,1  
AO,3901147,120,06/04/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=33141055 ,TEMP\_ADJUSTED,4.9,1199.5,3,1  
AO,3901147,208,13/05/2015 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=39711191 ,PSAL,5.2,10.6,1,3  
AO,3901147,208,13/05/2015 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=39711191 ,PSAL\_ADJUSTED,5.2,10.6,1,3  
AO,3901147,210,21/05/2015 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=39823665 ,PSAL,5.2,1200.6,3,1  
AO,3901147,210,21/05/2015 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=39823665 ,PSAL\_ADJUSTED,5.2,1200.6,3,1  
AO,3901147,210,21/05/2015 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=39823665 ,TEMP,5.2,1200.6,3,1  
AO,3901147,210,21/05/2015 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=39823665 ,TEMP\_ADJUSTED,5.2,1200.6,3,1  
AO,3901148,109,14/03/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=43483785 ,PSAL\_ADJUSTED,16,21.8,1,4  
AO,3901148,109,14/03/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=43483785 ,PSAL\_ADJUSTED,184,188,1,4  
AO,3901148,109,14/03/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=43483785 ,PSAL\_ADJUSTED,244,278,1,4  
AO,3901149,108,07/03/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=43434164 ,PSAL,1358,1398,1,4  
AO,3901149,108,07/03/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=43434164 ,PSAL\_ADJUSTED,1334,1334,1,4  
AO,3901149,108,07/03/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=43434164 ,PSAL\_ADJUSTED,1350,1402,1,4  
AO,3901149,133,12/11/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=49571784 ,PSAL,47.9,47.9,1,4  
AO,3901149,133,12/11/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=49571784 ,PSAL,49.9,55.9,1,4  
AO,3901149,133,12/11/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=49571784 ,PSAL\_ADJUSTED,47.9,47.9,1,4  
AO,3901149,133,12/11/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=49571784 ,PSAL\_ADJUSTED,49.9,58,1,4  
AO,3901156,79,25/05/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=44167826 ,PSAL,4.3,32,1,3  
AO,3901156,79,25/05/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=44167826 ,PSAL\_ADJUSTED,4.3,32,1,3  
AO,3901156,98,01/12/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=51210060 ,PSAL,4.3,613.9,1,3  
AO,3901156,98,01/12/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=51210060 ,PSAL\_ADJUSTED,4.3,613.9,1,3  
AO,3901162,154,16/12/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=51336848 ,PSAL,384,416.04,1,4  
AO,3901162,154,23/12/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=51336848 ,PSAL,384,416.04,1,4  
AO,3901169,53,19/04/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=41301922 ,PSAL,4.2,1942,3,1  
AO,3901169,53,19/04/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=41301922 ,PSAL\_ADJUSTED,4.2,1962,3,1  
AO,3901169,53,19/04/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=41301922 ,TEMP,4.2,1924,3,1  
AO,3901169,53,19/04/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=41301922 ,TEMP\_ADJUSTED,4.2,1944,3,1  
AO,3901171,62,04/09/2015 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=41395100 ,PSAL,4.1,30,1,3  
AO,3901171,62,04/09/2015 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=41395100 ,PSAL\_ADJUSTED,4.1,30,1,3  
AO,3901176,87,25/10/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=45581214 ,PSAL,196,214,1,3  
AO,3901176,87,25/10/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=45581214 ,PSAL,2.9,50,1,3



AO,3901233,30,29/11/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=51204836 ,PSAL,1.08,19.96,4,3  
AO,3901233,30,29/11/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=51204836 ,PSAL,190,302.08,4,3  
AO,3901233,30,29/11/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=51204837 ,PSAL,.6,.6,1,3  
AO,3901233,30,29/11/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=51204838 ,PSAL,.76,49.76,1,3  
AO,3901262,56,05/12/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=51239312 ,PSAL,358,360,1,4  
AO,3901262,56,05/12/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=51239312 ,PSAL,366,414,1,4  
AO,3901262,56,05/12/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=51239312 ,TEMP,358,360,1,4  
AO,3901262,56,10/12/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=51239312 ,PSAL,358,360,1,4  
AO,3901262,56,10/12/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=51239312 ,PSAL,366,412,1,4  
AO,3901266,58,16/12/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=51321346 ,PSAL,107.92,137.96,1,4  
AO,3901266,58,21/12/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=51321346 ,PSAL,107.92,136,1,4  
AO,4900323,366,23/08/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=45019403 ,PSAL,6.6,20.8,1,3  
AO,4900323,366,23/08/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=45019403 ,PSAL\_ADJUSTED,6.6,20.8,1,3  
AO,4900323,367,03/09/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=45114258 ,PSAL,6.8,40.5,1,3  
AO,4900323,367,03/09/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=45114258 ,PSAL\_ADJUSTED,6.8,40.5,1,3  
AO,4900323,368,14/09/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=45213756 ,PSAL,6.2,29.9,1,3  
AO,4900323,368,14/09/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=45213756 ,PSAL\_ADJUSTED,6.2,29.9,1,3  
AO,4900323,369,24/09/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=45305090 ,PSAL,6.6,30.7,1,3  
AO,4900323,369,24/09/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=45305090 ,PSAL\_ADJUSTED,6.6,30.7,1,3  
AO,4900325,373,14/11/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=50497076 ,PSAL,4.6,39.4,1,3  
AO,4900325,373,14/11/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=50497076 ,PSAL\_ADJUSTED,4.6,39.4,1,3  
AO,4900326,367,12/09/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=45191958 ,PSAL,5.6,29.5,1,3  
AO,4900326,367,12/09/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=45191958 ,PSAL\_ADJUSTED,5.6,29.5,1,3  
AO,4900326,368,23/09/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=45299070 ,PSAL,5.4,29.6,1,3  
AO,4900326,368,23/09/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=45299070 ,PSAL\_ADJUSTED,5.4,29.6,1,3  
AO,4900688,298,13/09/2014 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=34194649 ,PSAL,517.3,572.2,1,4  
AO,4900688,298,13/09/2014 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=34194649 ,PSAL\_ADJUSTED,423.1,572.2,1,4  
AO,4900768,294,29/11/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=35295220 ,PSAL,21,1020,3,1  
AO,4900768,294,29/11/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=35295220 ,PSAL\_ADJUSTED,21,1020,3,1  
AO,4900768,294,29/11/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=35295220 ,TEMP,5.5,1020,3,1  
AO,4900768,294,29/11/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=35295220 ,TEMP\_ADJUSTED,5.5,1020,3,1  
AO,4900853,215,07/10/2014 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=34386245 ,PSAL,0,157.3,1,4  
AO,4900853,215,07/10/2014 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=34386245 ,PSAL,73.5,82.8,1,4  
AO,4900853,215,07/10/2014 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=34386245 ,PSAL\_ADJUSTED,0,262.5,1,4  
AO,4900853,215,07/10/2014 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=34386245 ,PSAL\_ADJUSTED,264,264,1,4  
AO,4900853,215,07/10/2014 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=34386245 ,PSAL\_ADJUSTED,73.5,3044.1,1,4  
AO,4900854,209,14/10/2014 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=34426925 ,PSAL,284.3,1901.1,3,1  
AO,4900854,209,14/10/2014 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=34426925 ,PSAL\_ADJUSTED,298,1901.1,3,1  
AO,4900854,209,14/10/2014 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=34426925 ,TEMP,347.3,1901.1,3,1  
AO,4900854,209,14/10/2014 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=34426925 ,TEMP,5.2,31.9,3,1  
AO,4900854,209,14/10/2014 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=34426925 ,TEMP\_ADJUSTED,313.1,1901.1,3,1  
AO,4900854,209,14/10/2014 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=34426925 ,TEMP\_ADJUSTED,5.2,31.9,3,1  
AO,4900854,247,22/11/2015 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=42292566 ,TEMP,147.4,256.2,1,3  
AO,4900854,247,22/11/2015 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=42292566 ,TEMP\_ADJUSTED,147.4,256.2,1,3  
AO,4900855,208,03/10/2014 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=34366595 ,PSAL,31.6,38.6,1,4  
AO,4900855,208,03/10/2014 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=34366595 ,PSAL\_ADJUSTED,24.5,38.6,1,4  
AO,4900855,208,03/10/2014 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=34366595 ,PSAL\_ADJUSTED,5.1,5.1,1,4  
AO,4901046,145,12/08/2014 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=33926768 ,PSAL,5,1150,3,4  
AO,4901046,145,12/08/2014 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=33926768 ,PSAL,5,550,1,4  
AO,4901046,145,12/08/2014 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=33926768 ,PSAL,650,1150,1,1  
AO,4901046,146,21/08/2014 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=34011560 ,PSAL,145,300,1,3  
AO,4901046,146,21/08/2014 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=34011560 ,PSAL,340,550,1,3  
AO,4901046,146,21/08/2014 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=34011560 ,PSAL,650,1150,1,3  
AO,4901046,152,20/10/2014 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=34475617 ,TEMP,40,40,1,4  
AO,4901048,178,14/07/2014 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=33681552 ,PSAL,5.1,1900.8,3,1  
AO,4901048,178,14/07/2014 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=33681552 ,PSAL\_ADJUSTED,5.1,1958.2,3,1  
AO,4901048,178,14/07/2014 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=33681552 ,TEMP,5.1,1900.8,3,1  
AO,4901048,178,14/07/2014 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=33681552 ,TEMP\_ADJUSTED,5.1,1900.8,3,1  
AO,4901049,200,09/03/2015 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=37095721 ,PSAL,4.5,1901,3,1  
AO,4901049,200,09/03/2015 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=37095721 ,PSAL\_ADJUSTED,4.5,1901,3,1  
AO,4901049,200,09/03/2015 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=37095721 ,TEMP,4.5,1901,3,1  
AO,4901049,200,09/03/2015 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=37095721 ,TEMP\_ADJUSTED,4.5,1901,3,1  
AO,4901049,201,19/03/2015 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=39142927 ,PSAL,4.4,1900.8,3,1  
AO,4901049,201,19/03/2015 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=39142927 ,PSAL\_ADJUSTED,4.4,1900.8,3,1  
AO,4901049,201,19/03/2015 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=39142927 ,TEMP,4.4,1900.8,3,1  
AO,4901049,201,19/03/2015 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=39142927 ,TEMP\_ADJUSTED,4.4,1900.8,3,1  
AO,4901204,147,14/07/2014 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=33684217 ,TEMP,185,280,1,4  
AO,4901204,193,17/10/2015 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=42000785 ,PSAL,110,120,1,4  
AO,4901204,193,17/10/2015 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=42000785 ,PSAL,95,95,1,4  
AO,4901240,244,04/12/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=51233267 ,PSAL,4.5,59.5,1,3  
AO,4901240,244,04/12/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=51233267 ,PSAL\_ADJUSTED,4.5,59.5,1,3  
AO,4901243,202,05/03/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=43417951 ,PSAL\_ADJUSTED,17,24.4,1,4  
AO,4901243,206,16/04/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=43866523 ,PSAL\_ADJUSTED,1557.1,1985.5,1,4  
AO,4901253,132,06/04/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=32442046 ,PSAL,123.6,123.6,1,4  
AO,4901253,132,06/04/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=32442046 ,PSAL,147.5,147.5,1,4  
AO,4901253,132,06/04/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=32442046 ,PSAL,171.7,171.7,1,4  
AO,4901253,132,06/04/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=32442046 ,PSAL,24.3,24.3,1,4  
AO,4901253,132,06/04/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=32442046 ,PSAL,256.3,256.3,1,4









AO,4901588,65,26/05/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=39846599 ,PSAL,282,301.96,1,4  
AO,4901588,65,26/05/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=39846599 ,PSAL,308,312,1,4  
AO,4901588,65,26/05/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=39846599 ,PSAL,318.04,393.96,1,4  
AO,4901590,55,19/01/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=36208960 ,PSAL,1.08,16,4,3  
AO,4901590,55,19/01/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=36208960 ,PSAL,244.08,314.04,1,3  
AO,4901590,55,19/01/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=36208960 ,PSAL,319.96,321.96,4,3  
AO,4901590,55,19/01/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=36208960 ,PSAL,490,500.08,1,3  
AO,4901590,55,19/01/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=36208960 ,PSAL,514,540,1,3  
AO,4901590,55,19/01/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=36208960 ,PSAL,610,822,1,3  
AO,4901590,55,19/01/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=36208960 ,PSAL,88,240,1,3  
AO,4901598,18,17/09/2014 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=34214880 ,PSAL,1.1,119.1,1,3  
AO,4901598,18,17/09/2014 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=34214880 ,PSAL,24,26,1,3  
AO,4901648,21,03/03/2015 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=36216747 ,PSAL,4,1942,3,1  
AO,4901648,21,03/03/2015 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=36216747 ,PSAL\_ADJUSTED,4,1962,3,1  
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AO,4901649,9,07/12/2014 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=35300586 ,PSAL,82,1695.2,3,1  
AO,4901649,9,07/12/2014 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=35300586 ,PSAL\_ADJUSTED,84,1695.2,3,1  
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AO,4901670,90,07/01/2015 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=35633011 ,PSAL\_ADJUSTED,3275.1,3275.1,1,4  
AO,4901671,137,13/04/2015 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=39371013 ,TEMP\_ADJUSTED,899.7,899.7,1,4  
AO,4901671,138,15/04/2015 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=39398699 ,TEMP\_ADJUSTED,899.7,899.7,1,4  
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AO,4901671,158,25/05/2015 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=39846877 ,PSAL\_ADJUSTED,550.5,1098.8,3,1



































































































































































































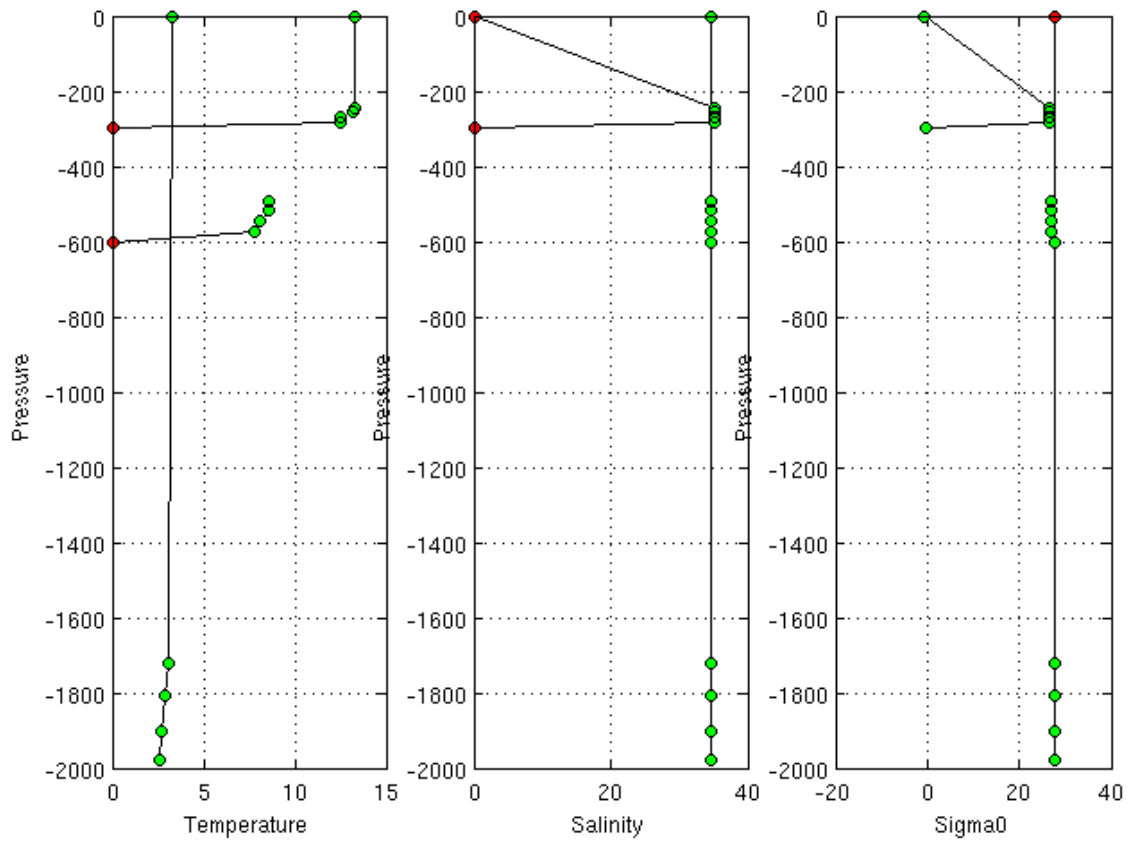


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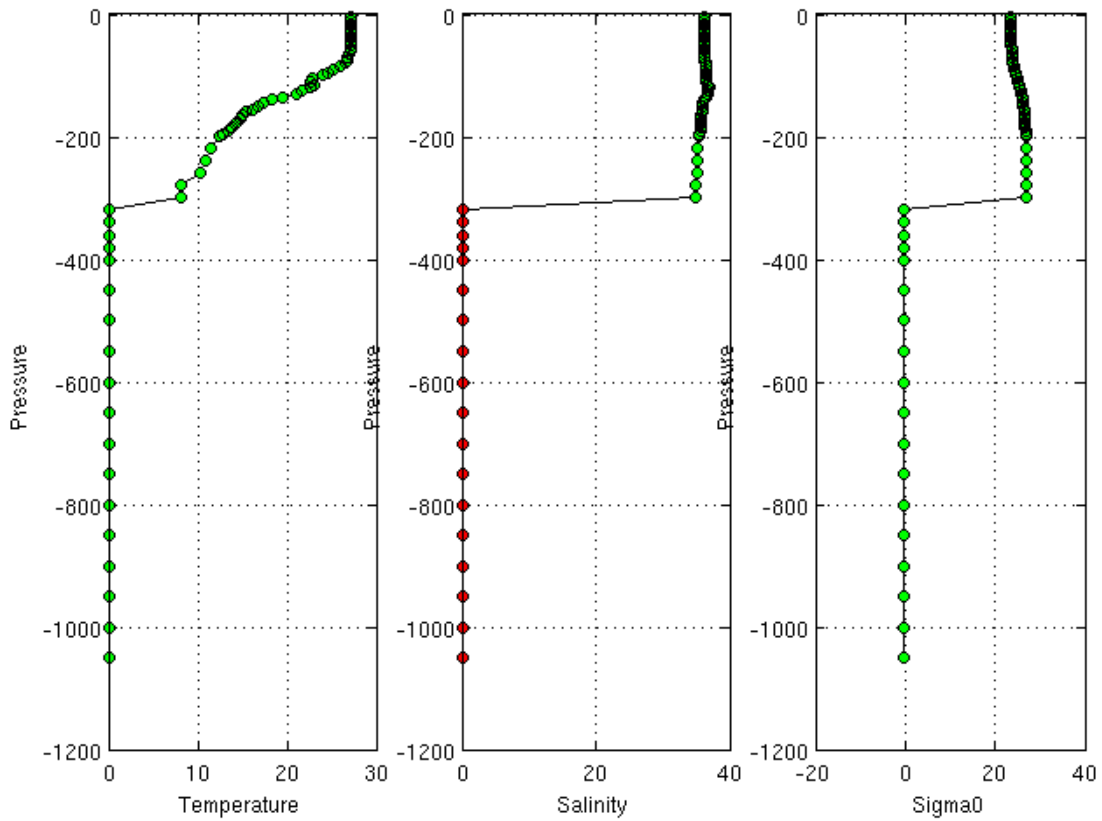
**APEX to put on the grey list:**

Example of corrections:

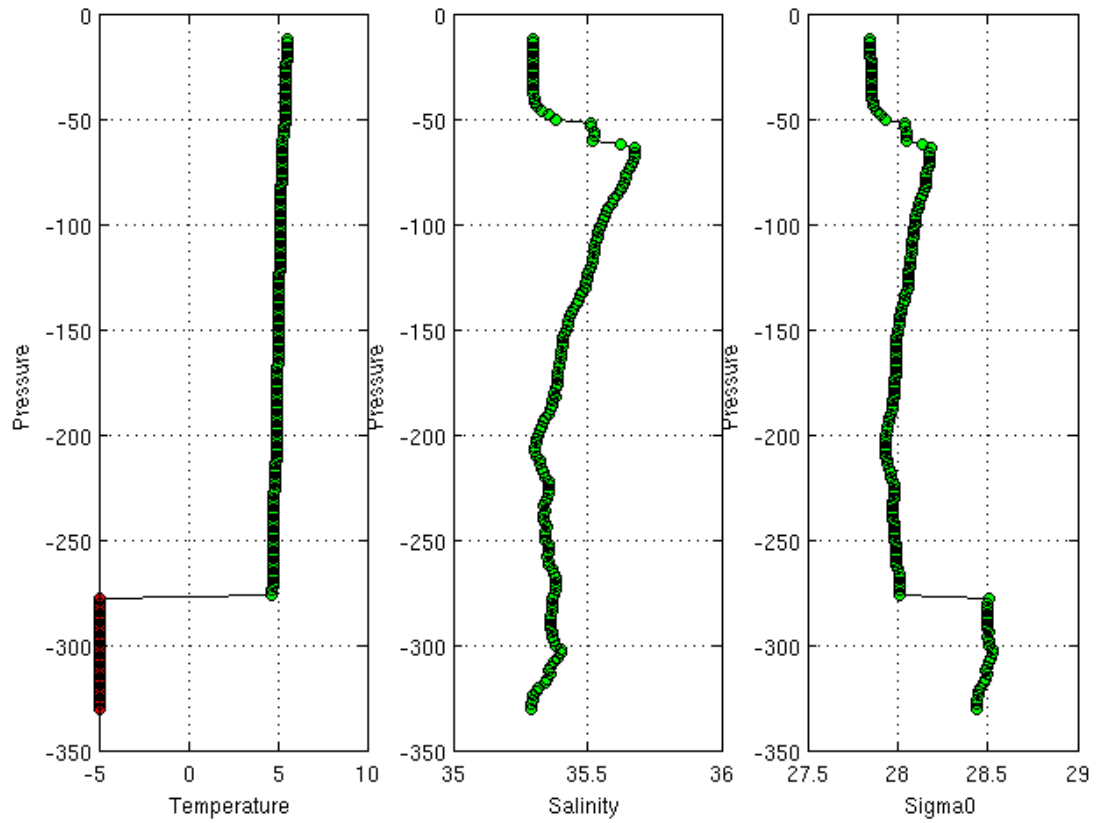
Warning Objective Analysis Anomalies 2016 December TEMP PSAL : DAC AO- Float 1901446-171



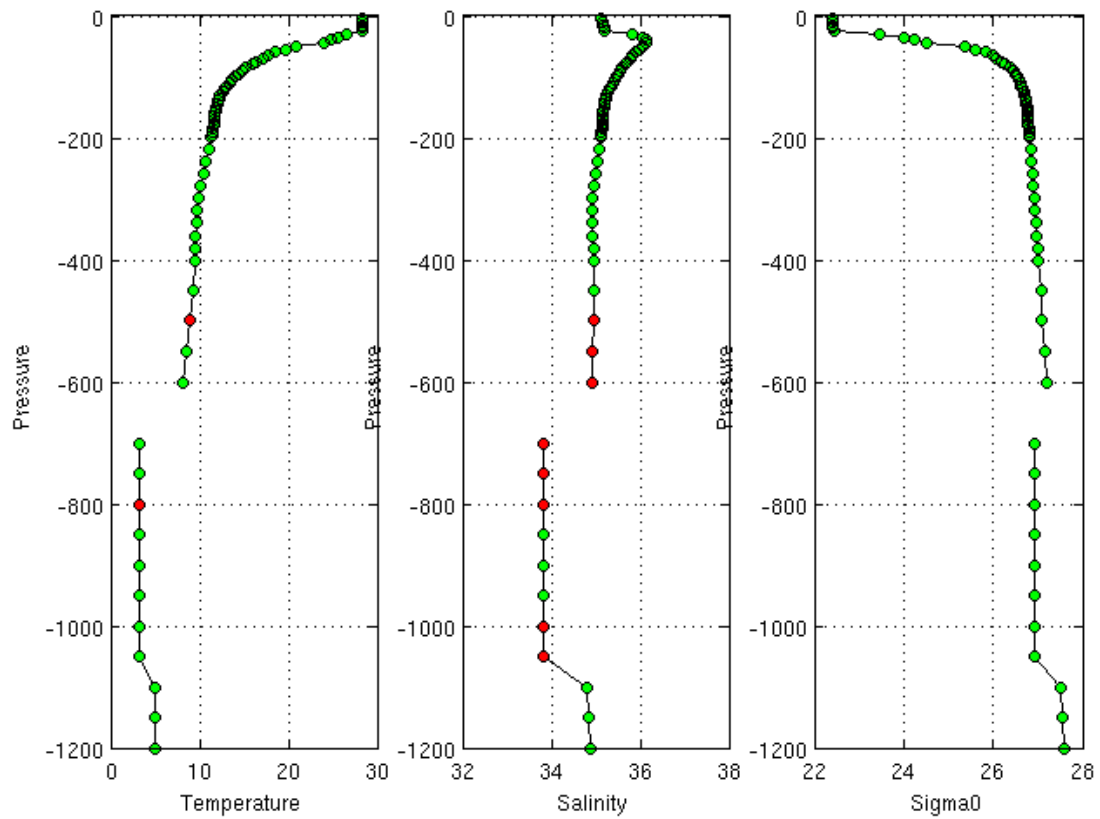
Warning Objective Analysis Anomalies 2016 December TEMP PSAL : DAC AO- Float 1901504-137



Warning Objective Analysis Anomalies 2016 December TEMP PSAL : DAC AO- Float 1901540-197



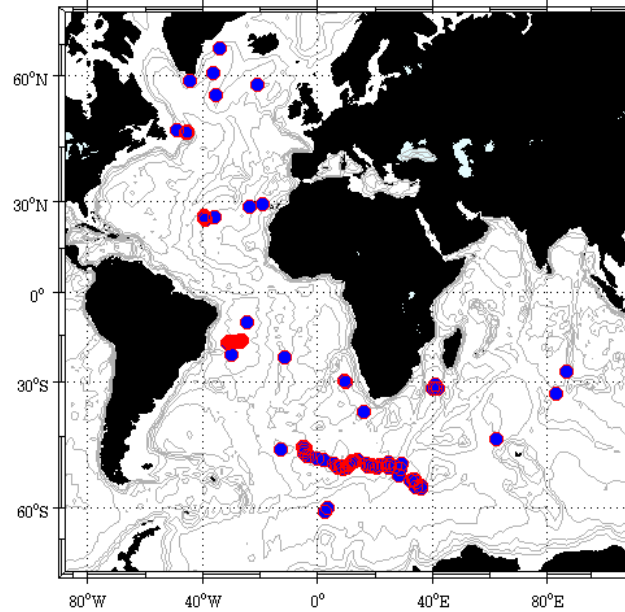
Warning Objective Analysis Anomalies 2016 December TEMP PSAL : DAC AO- Float 4901455-128



## 2. DAC BODC

Profiles detected by the objective analysis: 97 anomalies (22 floats – float can have several cycles with anomalies)  
Only 17 floats are concerned by the last monthly check with the objective analysis, the others are due to others analysis done for the years 2014 and 2015 (feedback from modelers).

Warning Objective Analysis Anomalies 2016 December



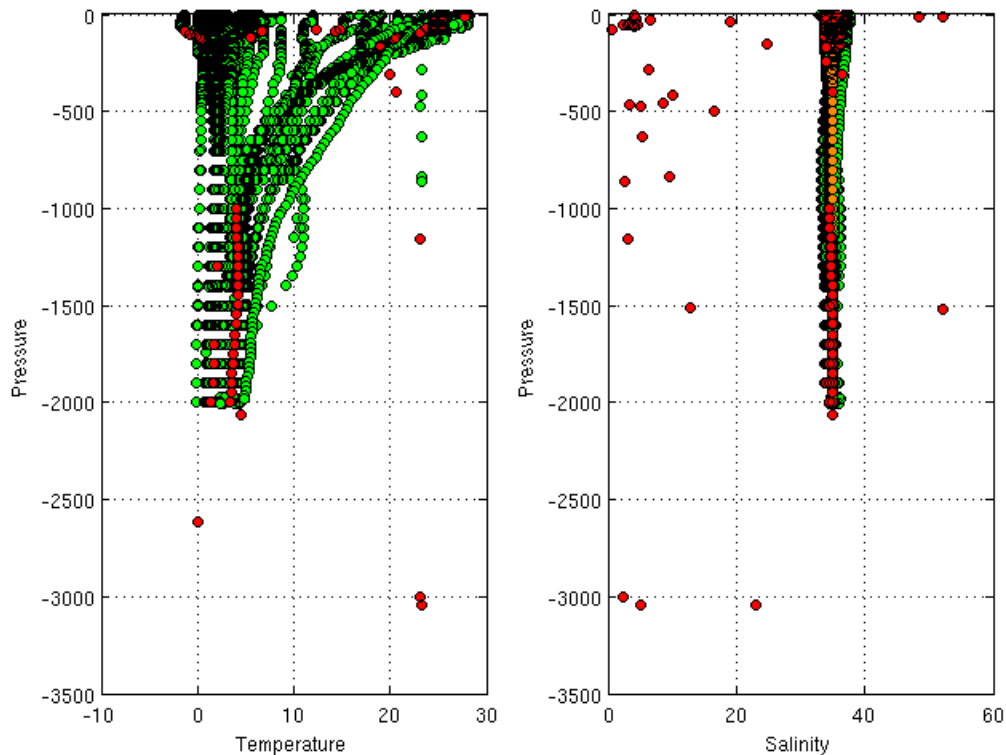
**Status of corrections: Correction not done for some profiles, no feedback.**

Float : 1901060 - Cycle : 219 - PI : Jon Turton - Data mode : A - INST REF : APEX-SBE 2711 - Date : 2014	1	21
Float : 1901062 - Cycle : 227 - PI : Jon Turton - Data mode : A - INST REF : APEX-SBE 2713 - Date : 2014	4	12
Float : 1901223 - Cycle : 291 - PI : Jon Turton - Data mode : A - INST REF : APEX-SBE 3856 - Date : 2016	12	2
Float : 1901225 - Cycle : 189 - PI : Jon Turton - Data mode : A - INST REF : - Date : 2014	2	17
Float : 1901226 - Cycle : 216 - PI : Jon Turton - Data mode : A - INST REF : - Date : 2014	11	15
Float : 1901251 - Cycle : 188 - PI : Jon Turton - Data mode : A - INST REF : APEX-SBE 4502 - Date : 2015	5	29
Float : 1901251 - Cycle : 243 - PI : Jon Turton - Data mode : A - INST REF : APEX-SBE 4502 - Date : 2016	11	29
Float : 1901262 - Cycle : 105 - PI : M. Beebeejaun - Data mode : A - INST REF : - Date : 2014	1	5
Float : 1901262 - Cycle : 106 - PI : M. Beebeejaun - Data mode : A - INST REF : - Date : 2014	1	15
Float : 1901262 - Cycle : 107 - PI : M. Beebeejaun - Data mode : A - INST REF : - Date : 2014	1	25
Float : 1901262 - Cycle : 108 - PI : M. Beebeejaun - Data mode : A - INST REF : - Date : 2014	2	4
Float : 1901277 - Cycle : 82 - PI : Jon Turton - Data mode : A - INST REF : APEX-SBE 4901 - Date : 2014	2	19
Float : 1901277 - Cycle : 83 - PI : Jon Turton - Data mode : A - INST REF : APEX-SBE 4901 - Date : 2014	3	2
Float : 1901277 - Cycle : 84 - PI : Jon Turton - Data mode : A - INST REF : APEX-SBE 4901 - Date : 2014	3	12
Float : 1901277 - Cycle : 85 - PI : Jon Turton - Data mode : A - INST REF : APEX-SBE 4901 - Date : 2014	3	21
Float : 1901277 - Cycle : 86 - PI : Jon Turton - Data mode : A - INST REF : APEX-SBE 4901 - Date : 2014	4	1
Float : 1901277 - Cycle : 87 - PI : Jon Turton - Data mode : A - INST REF : APEX-SBE 4901 - Date : 2014	4	10
Float : 1901277 - Cycle : 88 - PI : Jon Turton - Data mode : A - INST REF : APEX-SBE 4901 - Date : 2014	4	21
Float : 1901277 - Cycle : 89 - PI : Jon Turton - Data mode : A - INST REF : APEX-SBE 4901 - Date : 2014	4	30
Float : 1901277 - Cycle : 90 - PI : Jon Turton - Data mode : A - INST REF : APEX-SBE 4901 - Date : 2014	5	11
Float : 1901277 - Cycle : 100 - PI : Jon Turton - Data mode : A - INST REF : APEX-SBE 4901 - Date : 2014	8	18
Float : 1901277 - Cycle : 101 - PI : Jon Turton - Data mode : A - INST REF : APEX-SBE 4901 - Date : 2014	8	29
Float : 1901277 - Cycle : 102 - PI : Jon Turton - Data mode : A - INST REF : APEX-SBE 4901 - Date : 2014	9	7
Float : 1901277 - Cycle : 103 - PI : Jon Turton - Data mode : A - INST REF : APEX-SBE 4901 - Date : 2014	9	18
Float : 1901277 - Cycle : 104 - PI : Jon Turton - Data mode : A - INST REF : APEX-SBE 4901 - Date : 2014	9	27
Float : 1901277 - Cycle : 105 - PI : Jon Turton - Data mode : A - INST REF : APEX-SBE 4901 - Date : 2014	10	8
Float : 1901277 - Cycle : 106 - PI : Jon Turton - Data mode : A - INST REF : APEX-SBE 4901 - Date : 2014	10	17
Float : 1901277 - Cycle : 107 - PI : Jon Turton - Data mode : A - INST REF : APEX-SBE 4901 - Date : 2014	10	28
Float : 1901277 - Cycle : 108 - PI : Jon Turton - Data mode : A - INST REF : APEX-SBE 4901 - Date : 2014	11	6
Float : 1901277 - Cycle : 109 - PI : Jon Turton - Data mode : A - INST REF : APEX-SBE 4901 - Date : 2014	11	17
Float : 1901277 - Cycle : 110 - PI : Jon Turton - Data mode : A - INST REF : APEX-SBE 4901 - Date : 2014	11	26
Float : 1901277 - Cycle : 111 - PI : Jon Turton - Data mode : A - INST REF : APEX-SBE 4901 - Date : 2014	12	7
Float : 1901277 - Cycle : 112 - PI : Jon Turton - Data mode : A - INST REF : APEX-SBE 4901 - Date : 2014	12	16





## Warning Objective Analysis Anomalies 2016 December 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,1901060,219,11/02/2014 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=32183149> ,PSAL\_ADJUSTED,9.3,2003.9,1,4  
 BO,1901062,227,23/04/2014 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=32828351> ,PSAL\_ADJUSTED,4.6,34.6,1,4  
 BO,1901062,227,23/04/2014 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=32828351> ,PSAL\_ADJUSTED,49.8,1975.7,1,4  
 BO,1901223,291,03/12/2016 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=51222302> ,TEMP ,2.858.7,1,3  
 BO,1901223,291,03/12/2016 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=51222302> ,TEMP\_ADJUSTED,2.858.7,1,3  
 BO,1901225,189,15/09/2016 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=32392410> ,PSAL,4.3,69.8,1,4  
 BO,1901225,189,15/09/2016 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=32392410> ,PSAL\_ADJUSTED,4.3,69.8,1,4  
 BO,1901226,216,15/09/2016 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=35103781> ,PSAL,4.1,1899.2,3,1  
 BO,1901226,216,15/09/2016 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=35103781> ,PSAL\_ADJUSTED,4.1,34.5,3,1  
 BO,1901226,216,15/09/2016 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=35103781> ,PSAL\_ADJUSTED,44.3,1899.2,3,1  
 BO,1901226,216,15/09/2016 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=35103781> ,TEMP,4.1,1899.2,3,1  
 BO,1901226,216,15/09/2016 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=35103781> ,TEMP\_ADJUSTED,4.1,1899.2,3,1  
 BO,1901251,188,03/06/2015 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=39974828> ,PSAL,95.5,95.5,1,4  
 BO,1901251,188,03/06/2015 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=39974828> ,PSAL\_ADJUSTED,85.85,1,4  
 BO,1901251,188,03/06/2015 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=39974828> ,PSAL\_ADJUSTED,95.5,95.5,1,4  
 BO,1901251,243,30/11/2016 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=51207779> ,PSAL,55.2,74.9,3,4  
 BO,1901251,243,30/11/2016 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=51207779> ,PSAL,99.8,120,3,4  
 BO,1901251,243,30/11/2016 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=51207779> ,PSAL\_ADJUSTED,55.2,74.9,1,4  
 BO,1901251,243,30/11/2016 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=51207779> ,PSAL\_ADJUSTED,99.8,120,1,4  
 BO,1901262,105,10/09/2016 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=32016770> ,PSAL,23.8,1899.7,3,1  
 BO,1901262,105,10/09/2016 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=32016770> ,PSAL\_ADJUSTED,23.8,1899.7,3,1  
 BO,1901262,105,10/09/2016 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=32016770> ,TEMP,23.8,49.9,3,1  
 BO,1901262,105,10/09/2016 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=32016770> ,TEMP,60.6,1899.7,3,1  
 BO,1901262,105,10/09/2016 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=32016770> ,TEMP\_ADJUSTED,23.8,1899.7,3,1  
 BO,1901262,106,10/09/2016 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=32124730> ,PSAL,23.3,1899.8,3,1  
 BO,1901262,106,10/09/2016 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=32124730> ,PSAL\_ADJUSTED,23.3,1899.8,3,1  
 BO,1901262,106,10/09/2016 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=32124730> ,TEMP,23.3,1899.8,3,1  
 BO,1901262,106,10/09/2016 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=32124730> ,TEMP\_ADJUSTED,23.3,1899.8,3,1  
 BO,1901262,107,10/09/2016 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=32219190> ,PSAL,22.7,1899.9,3,1  
 BO,1901262,107,10/09/2016 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=32219190> ,PSAL\_ADJUSTED,22.7,1899.9,3,1  
 BO,1901262,107,10/09/2016 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=32219190> ,TEMP,22.7,1899.9,3,1  
 BO,1901262,107,10/09/2016 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=32219190> ,TEMP\_ADJUSTED,22.7,1899.9,3,1  
 BO,1901262,108,10/09/2016 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=32335340> ,PSAL,24.9,1899.5,3,1  
 BO,1901262,108,10/09/2016 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=32335340> ,PSAL\_ADJUSTED,24.9,1899.5,3,1  
 BO,1901262,108,10/09/2016 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=32335340> ,TEMP,24.9,1899.5,3,1  
 BO,1901262,108,10/09/2016 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=32335340> ,TEMP\_ADJUSTED,24.9,1899.5,3,1  
 BO,1901277,100,08/09/2014 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=34009409> ,PSAL,7.1,2000.6,1,3



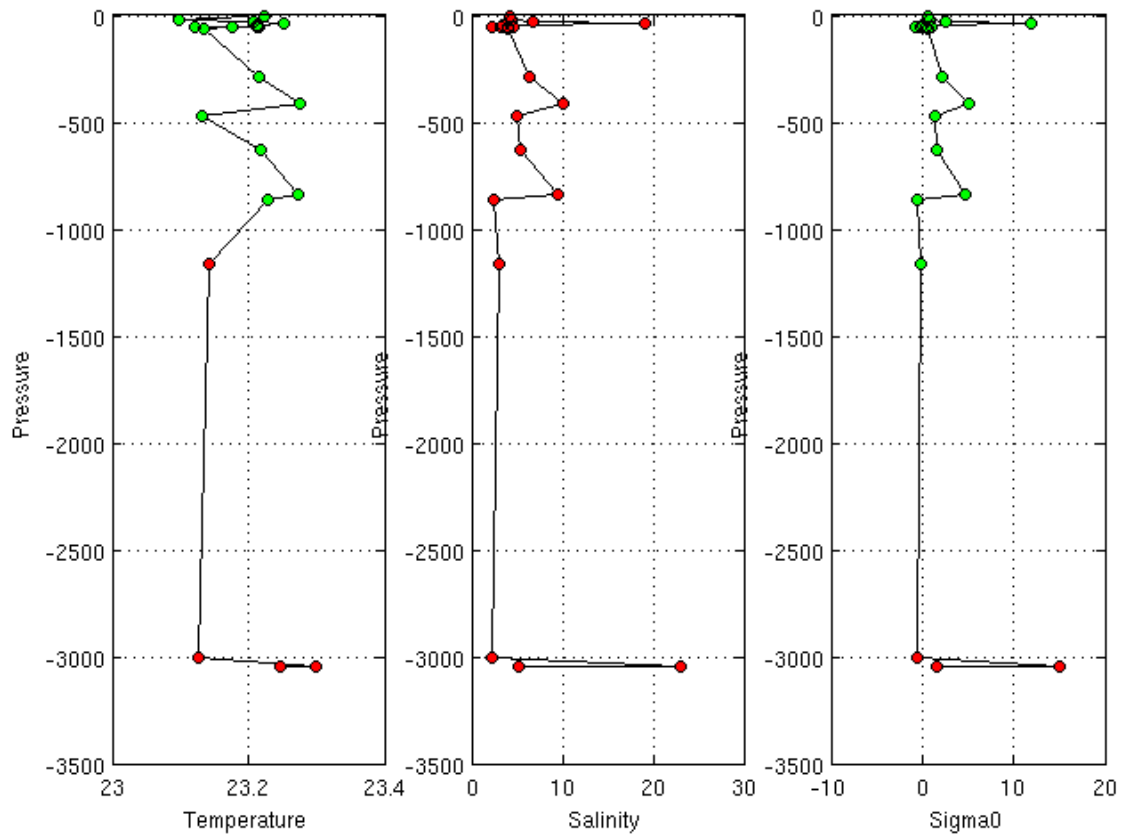




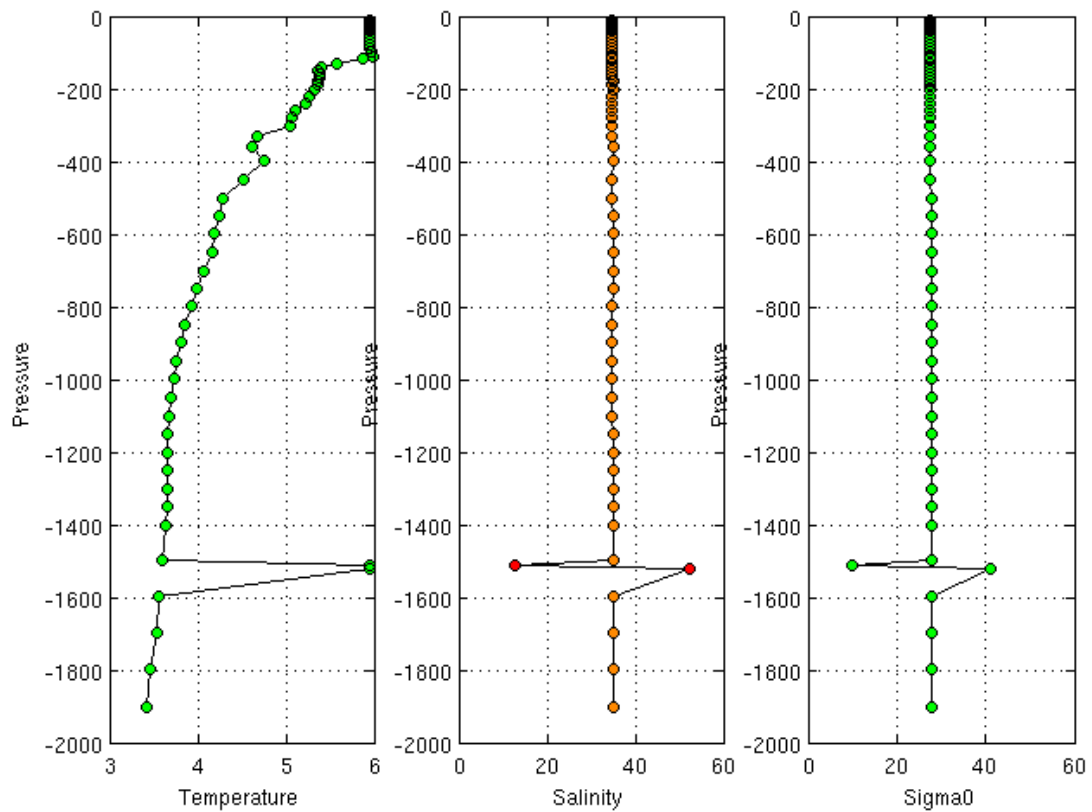
BO,6901119,192,23/12/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=51374171 ,PSAL\_ADJUSTED,140.4,600.2,1,4  
BO,6901124,102,11/09/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=33682087 ,PSAL,1600,1900,3,1  
BO,6901124,102,11/09/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=33682087 ,PSAL,22.9,750.3,3,1  
BO,6901124,102,11/09/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=33682087 ,PSAL\_ADJUSTED,1600,1900,3,1  
BO,6901124,102,11/09/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=33682087 ,PSAL\_ADJUSTED,22.9,750.3,3,1  
BO,6901124,102,11/09/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=33682087 ,TEMP,1600,1900,3,1  
BO,6901124,102,11/09/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=33682087 ,TEMP,22.9,700,3,1  
BO,6901124,102,11/09/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=33682087 ,TEMP\_ADJUSTED,1600,1900,3,1  
BO,6901124,102,11/09/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=33682087 ,TEMP\_ADJUSTED,22.9,750.3,3,1  
BO,6901124,129,11/09/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=39364051 ,PSAL,1200.3,1900.3,3,1  
BO,6901124,129,11/09/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=39364051 ,PSAL,25.4,849.5,3,1  
BO,6901124,129,11/09/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=39364051 ,PSAL\_ADJUSTED,1200.3,1900.3,3,1  
BO,6901124,129,11/09/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=39364051 ,PSAL\_ADJUSTED,25.4,849.5,3,1  
BO,6901124,129,11/09/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=39364051 ,TEMP,1200.3,1900.3,3,1  
BO,6901124,129,11/09/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=39364051 ,TEMP,25.4,849.5,3,1  
BO,6901124,129,11/09/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=39364051 ,TEMP\_ADJUSTED,1200.3,1900.3,3,1  
BO,6901124,129,11/09/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=39364051 ,TEMP\_ADJUSTED,25.4,849.5,3,1  
BO,6901147,55,13/09/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=35024970 ,PSAL,23.1,1739.7,3,1  
BO,6901147,55,13/09/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=35024970 ,PSAL\_ADJUSTED,23.1,1739.7,3,1  
BO,6901147,55,13/09/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=35024970 ,TEMP,1700.2,1739.7,1,3  
BO,6901147,55,13/09/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=35024970 ,TEMP,23.1,1399.9,3,1  
BO,6901147,55,13/09/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=35024970 ,TEMP\_ADJUSTED,1700.2,1739.7,1,3  
BO,6901147,55,13/09/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=35024970 ,TEMP\_ADJUSTED,23.1,1399.9,3,1  
BO,6901147,63,13/09/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=35764961 ,PSAL,23.6,1899.7,3,1  
BO,6901147,63,13/09/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=35764961 ,PSAL\_ADJUSTED,40.4,360.3,3,1  
BO,6901147,63,13/09/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=35764961 ,PSAL\_ADJUSTED,500.2,1899.7,3,1  
BO,6901147,63,13/09/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=35764961 ,TEMP,500.2,1899.7,3,1  
BO,6901147,63,13/09/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=35764961 ,TEMP,80.1,360.3,3,1  
BO,6901147,63,13/09/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=35764961 ,TEMP\_ADJUSTED,49.5,360.3,3,1  
BO,6901147,63,13/09/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=35764961 ,TEMP\_ADJUSTED,500.2,1899.7,3,1  
BO,6901168,89,10/12/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=51283212 ,TEMP,1512.4,1521.1,4  
BO,6901168,89,10/12/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=51283212 ,TEMP\_ADJUSTED,1512.4,1521.1,4  
BO,6901169,90,19/12/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=51341593 ,PSAL,1900.1,1900.1,1,3  
BO,6901169,90,19/12/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=51341593 ,PSAL\_ADJUSTED,1900.1,1900.1,1,3  
BO,6901169,90,19/12/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=51341593 ,TEMP,1900.1,1900.1,1,3  
BO,6901169,90,19/12/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=51341593 ,TEMP\_ADJUSTED,1900.1,1900.1,1,3  
BO,6901170,91,23/12/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=51374174 ,TEMP,153.8,153.9,1,4  
BO,6901170,91,23/12/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=51374174 ,TEMP,260.4,260.4,1,4  
BO,6901170,91,23/12/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=51374174 ,TEMP,463.6,496.7,1,4  
BO,6901172,88,27/11/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=51185974 ,PSAL,1459.4,1459.4,1,3  
BO,6901172,88,27/11/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=51185974 ,PSAL\_ADJUSTED,1459.4,1459.4,1,3  
BO,6901172,88,27/11/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=51185974 ,TEMP,1459.4,1459.4,1,3  
BO,6901172,88,27/11/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=51185974 ,TEMP\_ADJUSTED,1459.4,1459.4,1,3  
BO,6901915,110,23/09/2015 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=41393020 ,TEMP,1,1984,1,3

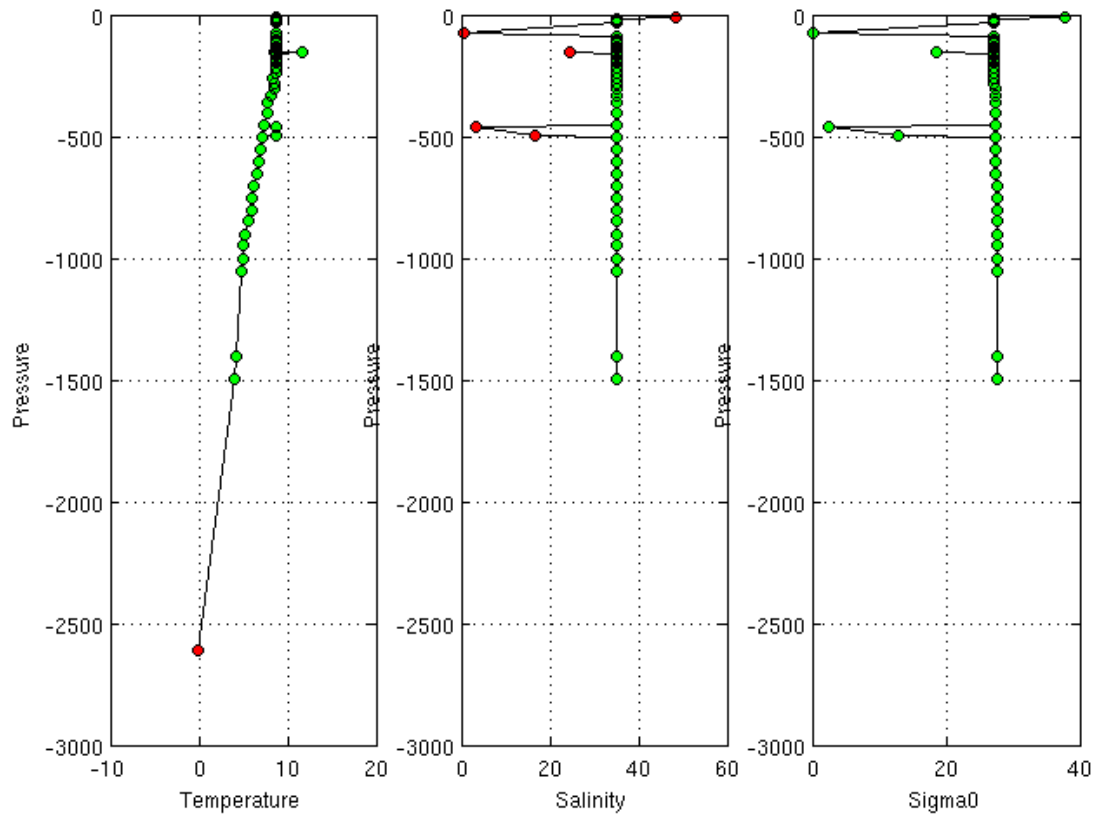
Example of corrections:

Warning Objective Analysis Anomalies 2016 December TEMP PSAL : DAC BO- Float 1901223-291



Warning Objective Analysis Anomalies 2016 December TEMP PSAL : DAC BO- Float 6901168-89

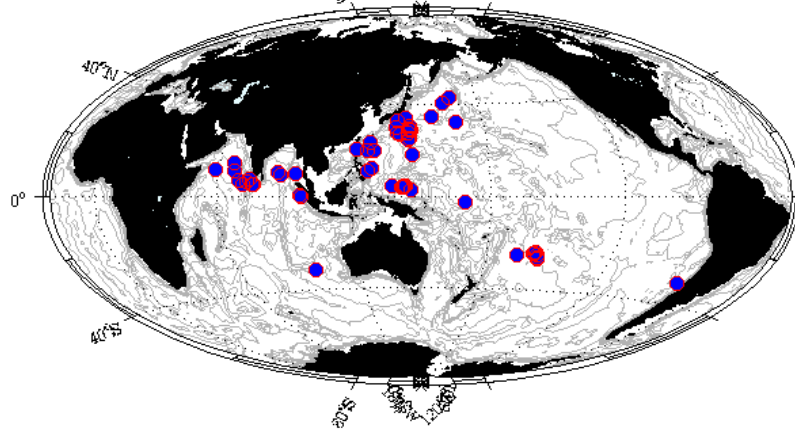




### 3. DAC CSIO

Profiles detected by the objective analysis: 68 anomalies (39 floats – float can have several cycles with anomalies)  
Only 26 floats are concerned by the last monthly check with the objective analysis, the others are due to others analysis done for the years 2014 and 2015 (feedback from modelers).

#### Warning Objective Analysis Anomalies 2016 December



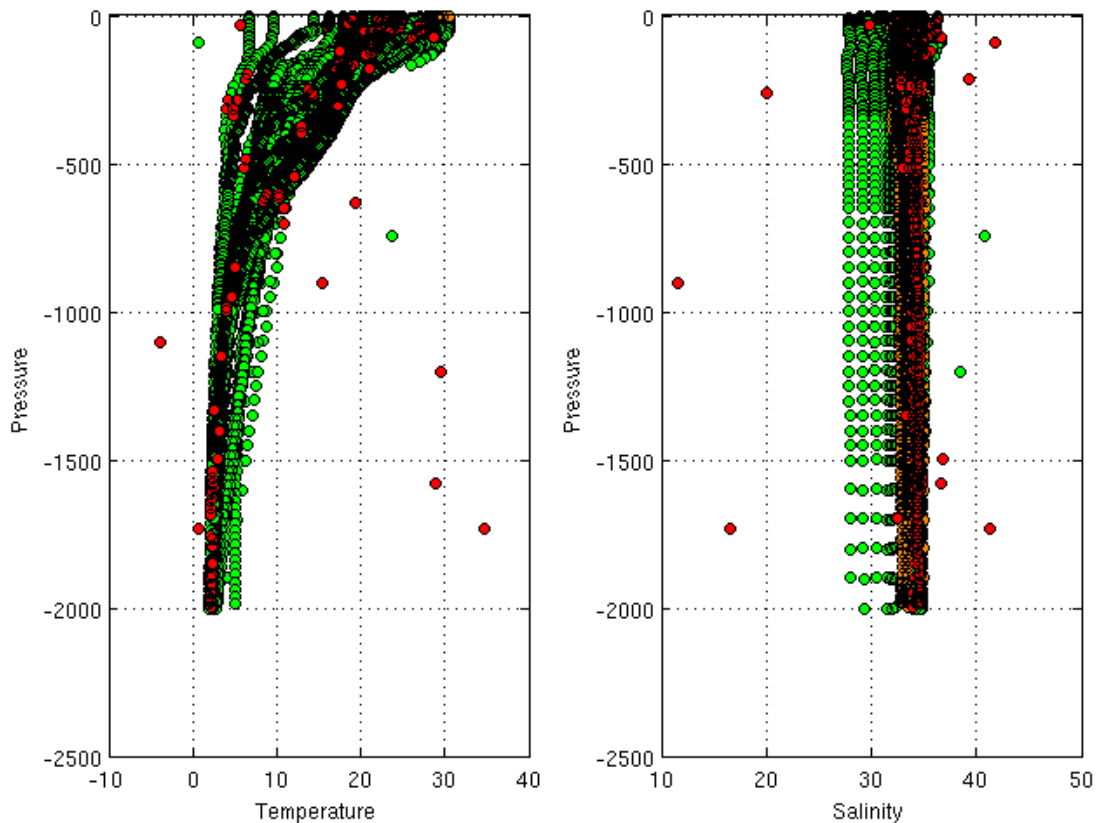
#### **Status of corrections: Correction not done for all profiles**

Float : 2901484 - Cycle : 82 - PI : JIANPING XU - Data mode : A - INST REF : - Date : 2014 10 5  
Float : 2901494 - Cycle : 174 - PI : JIANPING XU - Data mode : A - INST REF : - Date : 2014 10 2  
Float : 2901509 - Cycle : 270 - PI : JIANPING XU - Data mode : A - INST REF : - Date : 2014 10 26  
Float : 2901510 - Cycle : 139 - PI : JIANPING XU - Data mode : A - INST REF : - Date : 2015 8 25  
Float : 2901512 - Cycle : 186 - PI : JIANPING XU - Data mode : A - INST REF : - Date : 2016 12 7  
Float : 2901513 - Cycle : 187 - PI : JIANPING XU - Data mode : A - INST REF : - Date : 2016 12 16  
Float : 2901520 - Cycle : 91 - PI : JIANPING XU - Data mode : A - INST REF : - Date : 2015 5 25  
Float : 2901521 - Cycle : 51 - PI : Chen Ju - Data mode : A - INST REF : - Date : 2014 8 23  
Float : 2901545 - Cycle : 108 - PI : JIANPING XU - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 6570 - Date : 2016 12 9  
Float : 2901548 - Cycle : 103 - PI : JIANPING XU - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 6573 - Date : 2016 10 23  
Float : 2901549 - Cycle : 62 - PI : JIANPING XU - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 6574 - Date : 2015 9 9  
Float : 2901549 - Cycle : 63 - PI : JIANPING XU - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 6574 - Date : 2015 9 19  
Float : 2901549 - Cycle : 64 - PI : JIANPING XU - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 6574 - Date : 2015 9 29  
Float : 2901549 - Cycle : 65 - PI : JIANPING XU - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 6574 - Date : 2015 10 9  
Float : 2901549 - Cycle : 66 - PI : JIANPING XU - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 6574 - Date : 2015 10 19  
Float : 2901549 - Cycle : 67 - PI : JIANPING XU - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 6574 - Date : 2015 10 29  
Float : 2901549 - Cycle : 68 - PI : JIANPING XU - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 6574 - Date : 2015 11 8  
Float : 2901549 - Cycle : 69 - PI : JIANPING XU - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 6574 - Date : 2015 11 18  
Float : 2901551 - Cycle : 53 - PI : Shangping Xie - Data mode : A - INST REF : - Date : 2014 5 19  
Float : 2901556 - Cycle : 271 - PI : Shangping Xie - Data mode : A - INST REF : - Date : 2014 12 23  
Float : 2901557 - Cycle : 247 - PI : Shangping Xie - Data mode : A - INST REF : - Date : 2014 11 29  
Float : 2901558 - Cycle : 64 - PI : Shangping Xie - Data mode : A - INST REF : - Date : 2014 5 30  
Float : 2901558 - Cycle : 149 - PI : Shangping Xie - Data mode : A - INST REF : - Date : 2014 8 23  
Float : 2901558 - Cycle : 345 - PI : Shangping Xie - Data mode : A - INST REF : - Date : 2015 3 7  
Float : 2901558 - Cycle : 410 - PI : Shangping Xie - Data mode : A - INST REF : - Date : 2015 5 14  
Float : 2901559 - Cycle : 53 - PI : Shangping Xie - Data mode : A - INST REF : - Date : 2014 5 19  
Float : 2901559 - Cycle : 54 - PI : Shangping Xie - Data mode : A - INST REF : - Date : 2014 5 20  
Float : 2901560 - Cycle : 72 - PI : Shangping Xie - Data mode : A - INST REF : - Date : 2014 6 7  
Float : 2901562 - Cycle : 45 - PI : Shangping Xie - Data mode : A - INST REF : - Date : 2014 5 11  
Float : 2901564 - Cycle : 242 - PI : Shangping Xie - Data mode : A - INST REF : - Date : 2015 9 9  
Float : 2901565 - Cycle : 40 - PI : Shangping Xie - Data mode : A - INST REF : - Date : 2014 5 7  
Float : 2901565 - Cycle : 41 - PI : Shangping Xie - Data mode : A - INST REF : - Date : 2014 5 8  
Float : 2901565 - Cycle : 42 - PI : Shangping Xie - Data mode : A - INST REF : - Date : 2014 5 9  
Float : 2901572 - Cycle : 78 - PI : JIANPING XU - Data mode : A - INST REF : - Date : 2016 5 2  
Float : 2901576 - Cycle : 102 - PI : JIANPING XU - Data mode : A - INST REF : - Date : 2016 12 25  
Float : 2901578 - Cycle : 147 - PI : JIANPING XU - Data mode : A - INST REF : - Date : 2015 8 20  
Float : 2902365 - Cycle : 97 - PI : JIANPING XU - Data mode : A - INST REF : - Date : 2014 6 30  
Float : 2902541 - Cycle : 115 - PI : ZENGHONG LIU - Data mode : A - INST REF : - Date : 2015 4 11  
Float : 2902541 - Cycle : 122 - PI : ZENGHONG LIU - Data mode : A - INST REF : - Date : 2015 6 20  
Float : 2902547 - Cycle : 96 - PI : ZENGHONG LIU - Data mode : A - INST REF : - Date : 2014 10 13  
Float : 2902547 - Cycle : 97 - PI : ZENGHONG LIU - Data mode : A - INST REF : - Date : 2014 10 23  
Float : 2902548 - Cycle : 101 - PI : ZENGHONG LIU - Data mode : A - INST REF : - Date : 2014 12 1  
Float : 2902548 - Cycle : 102 - PI : ZENGHONG LIU - Data mode : A - INST REF : - Date : 2014 12 12  
Float : 2902548 - Cycle : 105 - PI : ZENGHONG LIU - Data mode : A - INST REF : - Date : 2015 1 10  
Float : 2902548 - Cycle : 119 - PI : ZENGHONG LIU - Data mode : A - INST REF : - Date : 2015 5 30



Float : 2902548 - Cycle : 120 - PI : ZENGHONG LIU - Data mode : A - INST REF : - Date : 2015 6 9  
 Float : 2902548 - Cycle : 123 - PI : ZENGHONG LIU - Data mode : A - INST REF : - Date : 2015 7 9  
 Float : 2902548 - Cycle : 124 - PI : ZENGHONG LIU - Data mode : A - INST REF : - Date : 2015 7 19  
 Float : 2902548 - Cycle : 125 - PI : ZENGHONG LIU - Data mode : A - INST REF : - Date : 2015 7 29  
 Float : 2902548 - Cycle : 126 - PI : ZENGHONG LIU - Data mode : A - INST REF : - Date : 2015 8 9  
 Float : 2902548 - Cycle : 129 - PI : ZENGHONG LIU - Data mode : A - INST REF : - Date : 2015 9 7  
 Float : 2902548 - Cycle : 175 - PI : ZENGHONG LIU - Data mode : A - INST REF : - Date : 2016 12 11  
 Float : 2902579 - Cycle : 37 - PI : ZENGHONG LIU - Data mode : A - INST REF : - Date : 2014 10 11  
 Float : 2902592 - Cycle : 88 - PI : ZENGHONG LIU - Data mode : A - INST REF : - Date : 2016 12 15  
 Float : 2902595 - Cycle : 81 - PI : ZENGHONG LIU - Data mode : A - INST REF : - Date : 2016 11 27  
 Float : 2902595 - Cycle : 82 - PI : ZENGHONG LIU - Data mode : A - INST REF : - Date : 2016 12 7  
 Float : 2902600 - Cycle : 44 - PI : ZENGHONG LIU - Data mode : A - INST REF : - Date : 2015 11 24  
 Float : 2902601 - Cycle : 80 - PI : ZENGHONG LIU - Data mode : A - INST REF : - Date : 2016 11 25  
 Float : 2902601 - Cycle : 81 - PI : ZENGHONG LIU - Data mode : A - INST REF : - Date : 2016 12 4  
 Float : 2902601 - Cycle : 83 - PI : ZENGHONG LIU - Data mode : A - INST REF : - Date : 2016 12 24  
 Float : 2902603 - Cycle : 47 - PI : ZENGHONG LIU - Data mode : A - INST REF : - Date : 2016 1 1  
 Float : 2902616 - Cycle : 76 - PI : ZENGHONG LIU - Data mode : A - INST REF : - Date : 2016 6 28  
 Float : 2902649 - Cycle : 150 - PI : JIANPING XU - Data mode : A - INST REF : - Date : 2016 12 18  
 Float : 2902653 - Cycle : 58 - PI : JIANPING XU - Data mode : A - INST REF : - Date : 2016 5 3  
 Float : 2902665 - Cycle : 64 - PI : DAKE CHEN - Data mode : A - INST REF : - Date : 2016 3 4  
 Float : 2902685 - Cycle : 21 - PI : JIANPING XU - Data mode : A - INST REF : - Date : 2016 11 4  
 Float : 2902690 - Cycle : 12 - PI : Ju Chen - Data mode : A - INST REF : - Date : 2016 11 26  
 Float : 2902690 - Cycle : 13 - PI : Ju Chen - Data mode : A - INST REF : - Date : 2016 12 6

### Warning Objective Analysis Anomalies 2016 December 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,2901484,82,08/02/2015 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=34383954> ,PSAL,9.9,431.5,3,1  
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 HZ,2901484,82,08/02/2015 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=34383954> ,TEMP,40.6,431.5,3,1  
 HZ,2901484,82,08/02/2015 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=34383954> ,TEMP\_ADJUSTED,9.9,431.5,3,1  
 HZ,2901494,174,18/12/2014 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=34366857> ,PSAL,182,272,1,3  
 HZ,2901494,174,18/12/2014 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=34366857> ,PSAL\_ADJUSTED,182,280,1,3  
 HZ,2901509,270,26/12/2014 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=34575896> ,PSAL,220.1,250,1,4  
 HZ,2901509,270,26/12/2014 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=34575896> ,PSAL,35.2,44.6,1,4  
 HZ,2901509,270,26/12/2014 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=34575896> ,PSAL,5.4,5.4,1,4  
 HZ,2901509,270,26/12/2014 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=34575896> ,PSAL,60.6,60.6,1,4  
 HZ,2901509,270,26/12/2014 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=34575896> ,PSAL,85.5,109.6,1,4  
 HZ,2901509,270,26/12/2014 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=34575896> ,PSAL\_ADJUSTED,220.1,250,1,4  
 HZ,2901509,270,26/12/2014 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=34575896> ,PSAL\_ADJUSTED,35.2,44.6,1,4  
 HZ,2901509,270,26/12/2014 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=34575896> ,PSAL\_ADJUSTED,5.4,5.4,1,4  
 HZ,2901509,270,26/12/2014 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=34575896> ,PSAL\_ADJUSTED,60.6,60.6,1,4

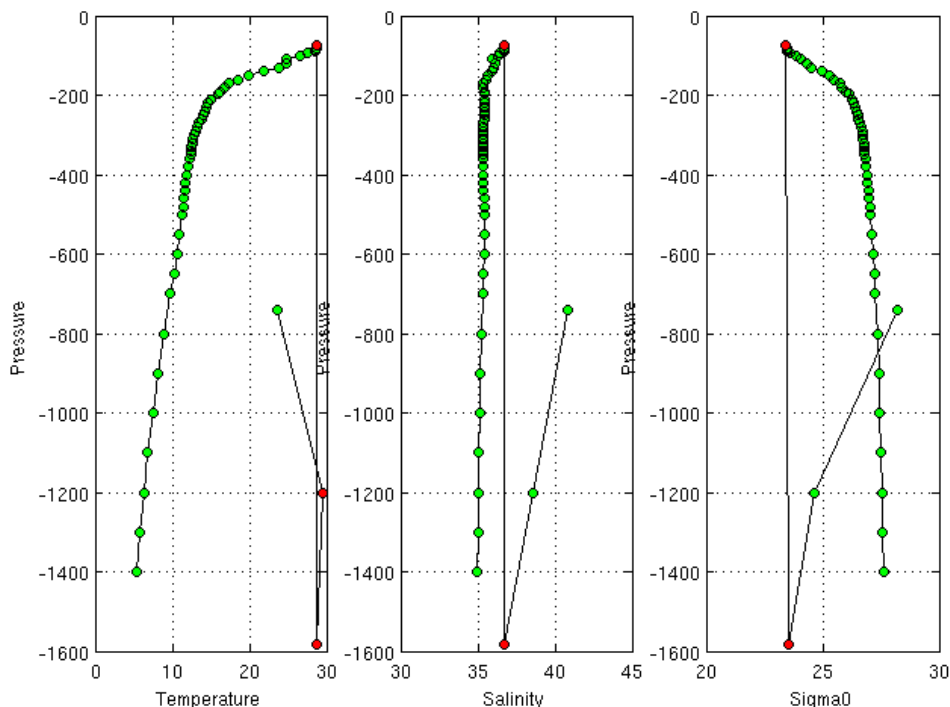




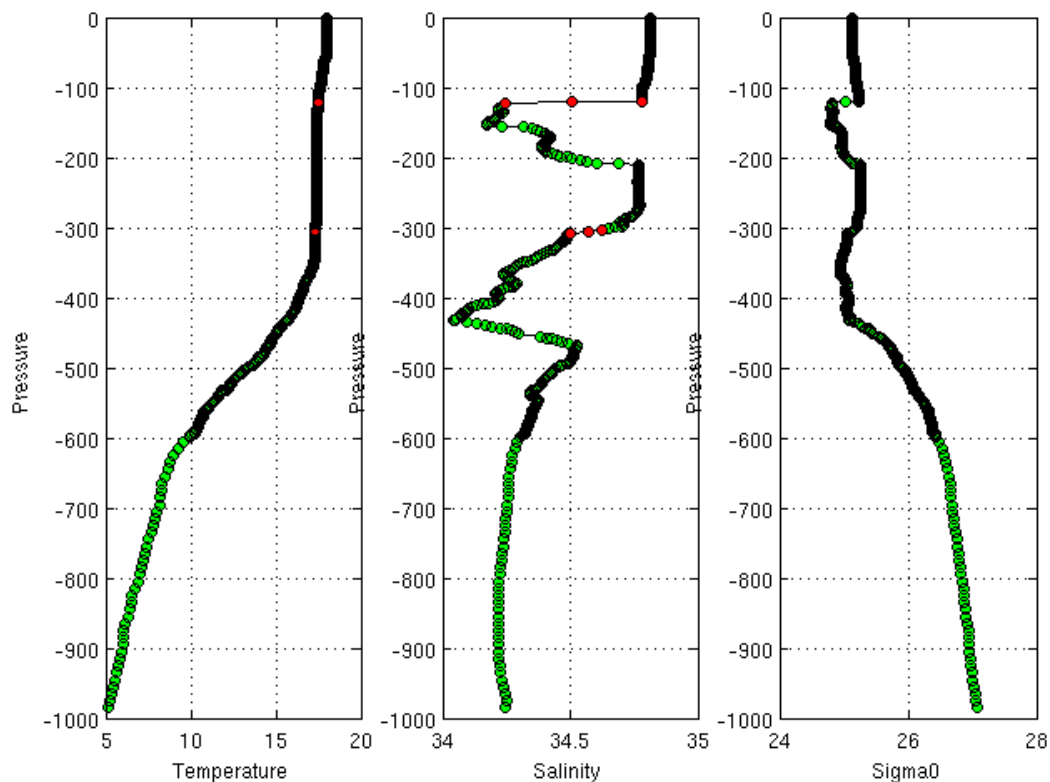
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 HZ,2902592,88,16/12/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=51324001 ,PSAL,363,2002,1,3  
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 HZ,2902592,88,16/12/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=51324001 ,PSAL\_ADJUSTED,239,263,1,3  
 HZ,2902592,88,16/12/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=51324001 ,PSAL\_ADJUSTED,363,2002,1,3  
 HZ,2902595,81,27/11/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=51186341 ,PSAL,1,25,1,3  
 HZ,2902595,81,27/11/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=51186341 ,PSAL\_ADJUSTED,1,25,1,3  
 HZ,2902595,82,07/12/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=51257340 ,PSAL,1,36,3,4  
 HZ,2902595,82,07/12/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=51257340 ,PSAL\_ADJUSTED,1,36,1,4  
 HZ,2902600,44,24/11/2015 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=42316175 ,PSAL\_ADJUSTED,1,1,1,3  
 HZ,2902600,44,24/11/2015 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=42316175 ,PSAL\_ADJUSTED,3,9,4,3  
 HZ,2902600,44,24/11/2015 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=42316175 ,PSAL\_ADJUSTED,36,538,1,3  
 HZ,2902601,80,25/11/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=51171938 ,PSAL,1,15,1,3  
 HZ,2902601,80,25/11/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=51171938 ,PSAL,1,15,1,4  
 HZ,2902601,80,25/11/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=51171938 ,PSAL,1,15,3,4  
 HZ,2902601,80,25/11/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=51171938 ,PSAL\_ADJUSTED,1,15,1,3  
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 HZ,2902601,81,05/12/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=51239154 ,PSAL,1,25,1,4  
 HZ,2902601,81,05/12/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=51239154 ,PSAL\_ADJUSTED,1,25,1,4  
 HZ,2902601,83,25/12/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=51387563 ,PSAL,1,96,1,4  
 HZ,2902601,83,25/12/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=51387563 ,PSAL\_ADJUSTED,1,96,1,4  
 HZ,2902603,47,02/01/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=42662673 ,PSAL\_ADJUSTED,339,388,1,4  
 HZ,2902616,76,29/06/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=44472506 ,PSAL\_ADJUSTED,186,238,1,4  
 HZ,2902649,150,19/12/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=51337371 ,PSAL,5.3,20.7,1,4  
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 HZ,2902653,58,04/05/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=43997423 ,TEMP\_ADJUSTED,90.3,90.3,1,4  
 HZ,2902665,64,05/03/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=43428996 ,PSAL\_ADJUSTED,983.1,983.1,1,4  
 HZ,2902685,21,09/12/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=45668287 ,PSAL,4.2,986,1,3  
 HZ,2902685,21,09/12/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=45668287 ,PSAL\_ADJUSTED,4.2,986,1,3  
 HZ,2902690,12,27/11/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=51183404 ,PSAL,5.1,5.1,1,3  
 HZ,2902690,12,27/11/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=51183404 ,PSAL\_ADJUSTED,5.1,5.1,1,3  
 HZ,2902690,13,07/12/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=51254509 ,PSAL,30.3,140.1,1,3  
 HZ,2902690,13,07/12/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=51254509 ,PSAL\_ADJUSTED,30.3,140.1,1,3

Example of corrections:

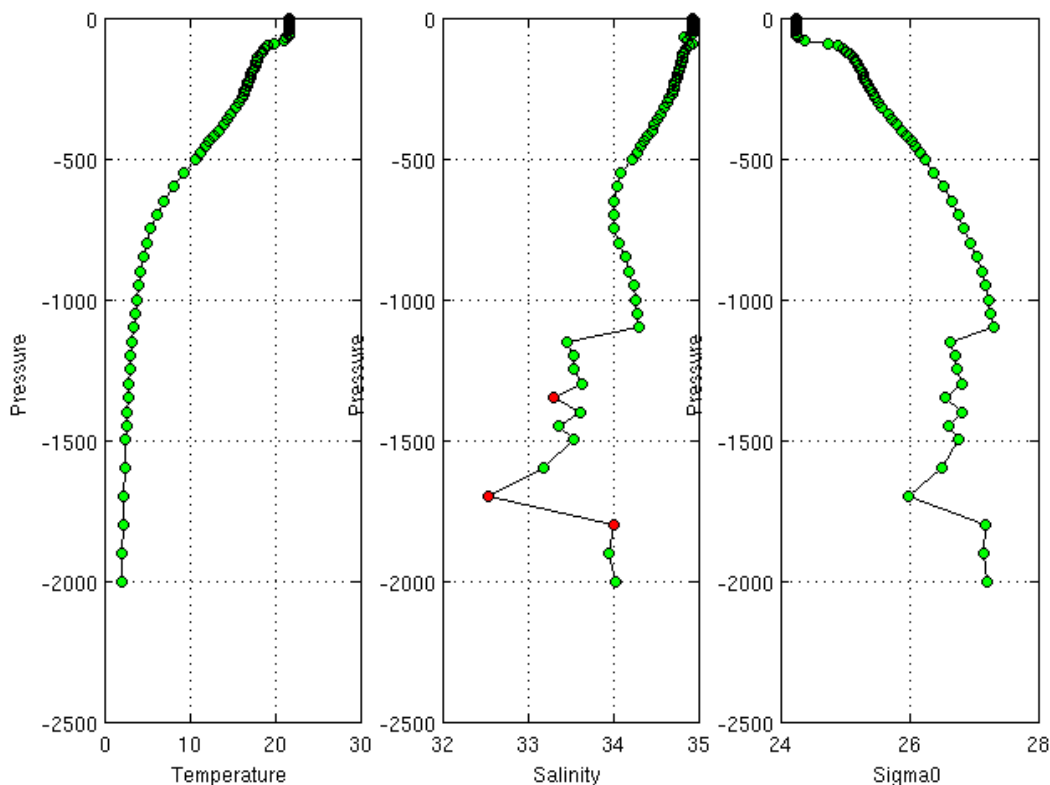
### Warning Objective Analysis Anomalies 2016 December TEMP PSAL : DAC HZ- Float 2901510-139



Warning Objective Analysis Anomalies 2016 December TEMP PSAL : DAC HZ- Float 2901558-345

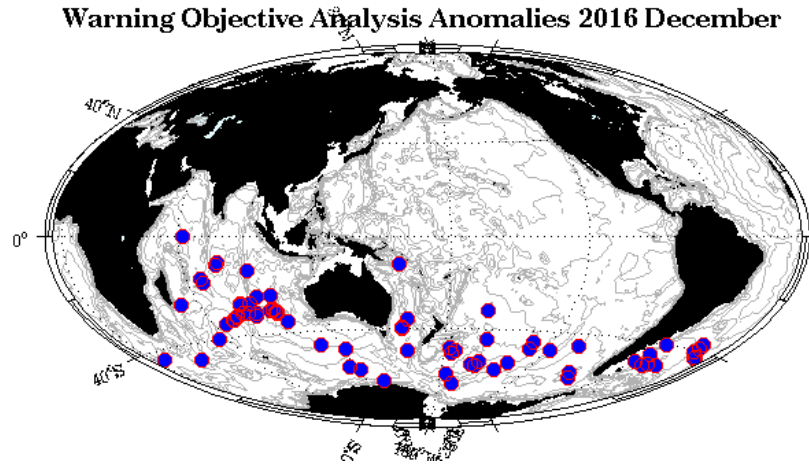


Warning Objective Analysis Anomalies 2016 December TEMP PSAL : DAC HZ- Float 2901576-102



## 4. DAC CSIRO

Profiles detected by the objective analysis: 79 anomalies (45 floats – float can have several cycles with anomalies)  
Only 13 floats are concerned by the last monthly check with the objective analysis, the others are due to others analysis done for the years 2014 and 2015 (feedback from modelers).

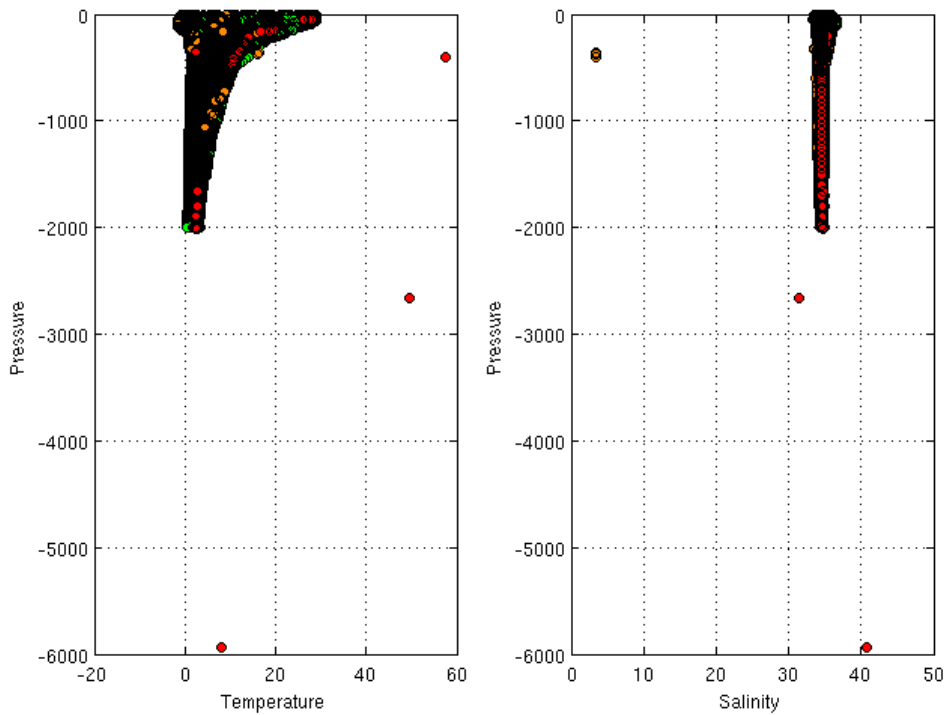


### **Status of corrections: Correction done with feedback, still some corrections to update**

Float : 1901134 - Cycle : 246 - PI : Susan Wijffels - Data mode : D - INST REF : - Date : 2015	8	11
Float : 1901153 - Cycle : 160 - PI : Susan Wijffels - Data mode : D - INST REF : - Date : 2015	5	31
Float : 1901154 - Cycle : 114 - PI : Susan Wijffels - Data mode : D - INST REF : - Date : 2014	2	25
Float : 1901167 - Cycle : 110 - PI : Susan Wijffels - Data mode : A - INST REF : - Date : 2014	6	11
Float : 1901168 - Cycle : 115 - PI : Susan Wijffels - Data mode : A - INST REF : - Date : 2014	7	7
Float : 1901320 - Cycle : 138 - PI : Susan Wijffels - Data mode : A - INST REF : - Date : 2015	3	23
Float : 1901332 - Cycle : 35 - PI : Susan Wijffels - Data mode : D - INST REF : - Date : 2014	8	21
Float : 1901332 - Cycle : 120 - PI : Susan Wijffels - Data mode : A - INST REF : - Date : 2016	12	2
Float : 2901847 - Cycle : 127 - PI : Susan Wijffels - Data mode : A - INST REF : - Date : 2015	3	7
Float : 3901465 - Cycle : 168 - PI : Susan Wijffels - Data mode : A - INST REF : - Date : 2014	4	6
Float : 5901640 - Cycle : 264 - PI : Susan Wijffels - Data mode : D - INST REF : - Date : 2015	1	31
Float : 5901640 - Cycle : 276 - PI : Susan Wijffels - Data mode : D - INST REF : - Date : 2015	5	31
Float : 5901640 - Cycle : 277 - PI : Susan Wijffels - Data mode : D - INST REF : - Date : 2015	6	10
Float : 5901654 - Cycle : 262 - PI : Susan Wijffels - Data mode : D - INST REF : - Date : 2015	6	1
Float : 5901683 - Cycle : 296 - PI : Susan Wijffels - Data mode : A - INST REF : - Date : 2016	12	11
Float : 5901691 - Cycle : 275 - PI : Susan Wijffels - Data mode : A - INST REF : - Date : 2016	6	27
Float : 5901693 - Cycle : 292 - PI : Susan Wijffels - Data mode : A - INST REF : - Date : 2016	12	15
Float : 5901698 - Cycle : 287 - PI : Susan Wijffels - Data mode : A - INST REF : - Date : 2016	11	3
Float : 5901702 - Cycle : 241 - PI : Susan Wijffels - Data mode : D - INST REF : - Date : 2015	9	14
Float : 5901707 - Cycle : 284 - PI : Susan Wijffels - Data mode : A - INST REF : - Date : 2016	11	22
Float : 5901707 - Cycle : 285 - PI : Susan Wijffels - Data mode : A - INST REF : - Date : 2016	12	2
Float : 5901707 - Cycle : 286 - PI : Susan Wijffels - Data mode : A - INST REF : - Date : 2016	12	12
Float : 5903227 - Cycle : 173 - PI : Susan Wijffels - Data mode : D - INST REF : - Date : 2014	8	23
Float : 5903227 - Cycle : 209 - PI : Susan Wijffels - Data mode : A - INST REF : - Date : 2015	8	18
Float : 5903240 - Cycle : 197 - PI : Susan Wijffels - Data mode : D - INST REF : - Date : 2015	5	5
Float : 5903249 - Cycle : 253 - PI : Susan Wijffels - Data mode : A - INST REF : - Date : 2016	11	23
Float : 5903249 - Cycle : 255 - PI : Susan Wijffels - Data mode : A - INST REF : - Date : 2016	12	13
Float : 5903251 - Cycle : 173 - PI : Susan Wijffels - Data mode : A - INST REF : - Date : 2014	10	1
Float : 5903251 - Cycle : 254 - PI : Susan Wijffels - Data mode : A - INST REF : - Date : 2016	12	2
Float : 5903256 - Cycle : 208 - PI : Susan Wijffels - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 4702 - Date : 2015	9	16
Float : 5903260 - Cycle : 248 - PI : Susan Wijffels - Data mode : A - INST REF : - Date : 2016	12	7
Float : 5903260 - Cycle : 249 - PI : Susan Wijffels - Data mode : A - INST REF : - Date : 2016	12	17
Float : 5903633 - Cycle : 166 - PI : Susan Wijffels - Data mode : A - INST REF : - Date : 2015	5	2
Float : 5903639 - Cycle : 223 - PI : Susan Wijffels - Data mode : A - INST REF : - Date : 2016	12	6
Float : 5903657 - Cycle : 147 - PI : Susan Wijffels - Data mode : A - INST REF : - Date : 2015	2	16
Float : 5903657 - Cycle : 148 - PI : Susan Wijffels - Data mode : A - INST REF : - Date : 2015	2	26
Float : 5903683 - Cycle : 92 - PI : Susan Wijffels - Data mode : A - INST REF : - Date : 2014	1	7

Float : 5903683 - Cycle : 200 - PI : Susan Wijffels - Data mode : A - INST REF : - Date : 2016 12 22  
 Float : 5903688 - Cycle : 145 - PI : Susan Wijffels - Data mode : A - INST REF : - Date : 2015 8 17  
 Float : 5903690 - Cycle : 145 - PI : Susan Wijffels - Data mode : A - INST REF : - Date : 2015 8 19  
 Float : 5903914 - Cycle : 184 - PI : Susan Wijffels - Data mode : A - INST REF : - Date : 2016 12 5  
 Float : 5903924 - Cycle : 130 - PI : Susan Wijffels - Data mode : A - INST REF : - Date : 2015 7 14  
 Float : 5903924 - Cycle : 131 - PI : Susan Wijffels - Data mode : A - INST REF : - Date : 2015 7 24  
 Float : 5903924 - Cycle : 132 - PI : Susan Wijffels - Data mode : A - INST REF : - Date : 2015 8 3  
 Float : 5903938 - Cycle : 125 - PI : Susan Wijffels - Data mode : A - INST REF : - Date : 2015 6 20  
 Float : 5903939 - Cycle : 87 - PI : Susan Wijffels - Data mode : D - INST REF : - Date : 2014 7 1  
 Float : 5903940 - Cycle : 79 - PI : Susan Wijffels - Data mode : D - INST REF : - Date : 2014 3 28  
 Float : 5903940 - Cycle : 180 - PI : Susan Wijffels - Data mode : A - INST REF : - Date : 2016 12 14  
 Float : 5903953 - Cycle : 56 - PI : Susan Wijffels - Data mode : D - INST REF : - Date : 2014 3 2  
 Float : 5903953 - Cycle : 57 - PI : Susan Wijffels - Data mode : D - INST REF : - Date : 2014 3 12  
 Float : 5903953 - Cycle : 58 - PI : Susan Wijffels - Data mode : D - INST REF : - Date : 2014 3 22  
 Float : 5903953 - Cycle : 76 - PI : Susan Wijffels - Data mode : D - INST REF : - Date : 2014 9 18  
 Float : 5903953 - Cycle : 78 - PI : Susan Wijffels - Data mode : D - INST REF : - Date : 2014 10 8  
 Float : 5903953 - Cycle : 79 - PI : Susan Wijffels - Data mode : D - INST REF : - Date : 2014 10 18  
 Float : 5903953 - Cycle : 86 - PI : Susan Wijffels - Data mode : D - INST REF : - Date : 2014 12 27  
 Float : 5903953 - Cycle : 87 - PI : Susan Wijffels - Data mode : D - INST REF : - Date : 2015 1 6  
 Float : 5903953 - Cycle : 88 - PI : Susan Wijffels - Data mode : D - INST REF : - Date : 2015 1 16  
 Float : 5903953 - Cycle : 89 - PI : Susan Wijffels - Data mode : D - INST REF : - Date : 2015 1 26  
 Float : 5903953 - Cycle : 107 - PI : Susan Wijffels - Data mode : D - INST REF : - Date : 2015 7 25  
 Float : 5904243 - Cycle : 37 - PI : Susan Wijffels - Data mode : D - INST REF : - Date : 2014 6 29  
 Float : 5904243 - Cycle : 38 - PI : Susan Wijffels - Data mode : D - INST REF : - Date : 2014 7 9  
 Float : 5904243 - Cycle : 55 - PI : Susan Wijffels - Data mode : D - INST REF : - Date : 2014 12 23  
 Float : 5904243 - Cycle : 59 - PI : Susan Wijffels - Data mode : D - INST REF : - Date : 2015 1 31  
 Float : 5904243 - Cycle : 128 - PI : Susan Wijffels - Data mode : A - INST REF : - Date : 2016 12 7  
 Float : 5904252 - Cycle : 126 - PI : Susan Wijffels - Data mode : A - INST REF : - Date : 2016 12 22  
 Float : 5904266 - Cycle : 112 - PI : Susan Wijffels - Data mode : A - INST REF : - Date : 2016 11 27  
 Float : 5904884 - Cycle : 49 - PI : Susan Wijffels - Data mode : D - INST REF : - Date : 2015 5 20  
 Float : 5904921 - Cycle : 17 - PI : Susan Wijffels - Data mode : A - INST REF : - Date : 2015 7 10  
 Float : 5904921 - Cycle : 18 - PI : Susan Wijffels - Data mode : A - INST REF : - Date : 2015 7 20  
 Float : 5904921 - Cycle : 19 - PI : Susan Wijffels - Data mode : A - INST REF : - Date : 2015 7 30  
 Float : 5905035 - Cycle : 21 - PI : Susan Wijffels - Data mode : A - INST REF : - Date : 2016 12 2  
 Float : 7900311 - Cycle : 201 - PI : Susan Wijffels - Data mode : A - INST REF : - Date : 2015 7 30  
 Float : 7900318 - Cycle : 118 - PI : Susan Wijffels - Data mode : D - INST REF : - Date : 2014 2 5  
 Float : 7900324 - Cycle : 159 - PI : Susan Wijffels - Data mode : A - INST REF : - Date : 2015 5 24  
 Float : 7900324 - Cycle : 215 - PI : Susan Wijffels - Data mode : A - INST REF : - Date : 2016 11 23  
 Float : 7900324 - Cycle : 218 - PI : Susan Wijffels - Data mode : A - INST REF : - Date : 2016 12 22  
 Float : 7900620 - Cycle : 23 - PI : Susan Wijffels - Data mode : A - INST REF : - Date : 2016 12 6  
 Float : 7900620 - Cycle : 24 - PI : Susan Wijffels - Data mode : A - INST REF : - Date : 2016 12 16  
 Float : 7900620 - Cycle : 25 - PI : Susan Wijffels - Data mode : A - INST REF : - Date : 2016 12 26

## Warning Objective Analysis Anomalies 2016 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,1901134,246,16/05/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=41093981 ,TEMP,6.2,1899.6,3,1  
 CS,1901134,246,16/05/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=41093981 ,TEMP\_ADJUSTED,6.2,1899.6,3,1  
 CS,1901153,114,31/05/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=40051099 ,PSAL,4.7,1000.1,1,3  
 CS,1901153,160,31/05/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=40051099 ,PSAL\_ADJUSTED,4.7,1000.1,1,3  
 CS,1901154,114,31/05/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=32468989 ,PSAL,4.5,1990.8,1,3  
 CS,1901154,114,31/05/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=32468989 ,PSAL\_ADJUSTED,4.5,1990.8,1,3  
 CS,1901167,110,30/03/2015 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=33301628 ,PSAL\_ADJUSTED,10.6,1800.1,3  
 CS,1901168,115,10/02/2015 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=33640962 ,PSAL\_ADJUSTED,4.1996.5,1,3  
 CS,1901320,138,26/03/2015 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=39207778 ,PSAL,5.3,1800.3,3,1  
 CS,1901320,138,26/03/2015 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=39207778 ,PSAL\_ADJUSTED,1800.2,1800.2,3,1  
 CS,1901320,138,26/03/2015 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=39207778 ,PSAL\_ADJUSTED,5.3,1700.3,3,1  
 CS,1901320,138,26/03/2015 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=39207778 ,TEMP,5.3,1800.3,3,1  
 CS,1901320,138,26/03/2015 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=39207778 ,TEMP\_ADJUSTED,1800.2,1800.2,3,1  
 CS,1901320,138,26/03/2015 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=39207778 ,TEMP\_ADJUSTED,5.3,1700.3,3,1  
 CS,1901332,120,03/12/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=51222466 ,PSAL,50.3,102,1,3  
 CS,1901332,120,03/12/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=51222466 ,PSAL,814,942,1,3  
 CS,1901332,120,03/12/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=51222466 ,PSAL,950,1004,1,3  
 CS,1901332,120,03/12/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=51222466 ,PSAL\_ADJUSTED,50.3,102,1,3  
 CS,1901332,120,03/12/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=51222466 ,PSAL\_ADJUSTED,814,942,1,3  
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 CS,1901332,35,23/05/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=34033938 ,PSAL,4.1,1942,3,1  
 CS,1901332,35,23/05/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=34033938 ,PSAL\_ADJUSTED,4.1,1962,3,1  
 CS,1901332,35,23/05/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=34033938 ,TEMP,4.1,1924,3,1  
 CS,1901332,35,23/05/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=34033938 ,TEMP\_ADJUSTED,4.1,1944,3,1  
 CS,2901847,127,07/03/2015 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=37086850 ,PSAL,162,338,1,3  
 CS,2901847,127,07/03/2015 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=37086850 ,PSAL,4,42,1,3  
 CS,2901847,127,07/03/2015 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=37086850 ,PSAL,49.9,154,4,3  
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 CS,2901847,127,07/03/2015 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=37086850 ,PSAL\_ADJUSTED,49.9,152,1,3  
 CS,3901465,168,11/01/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=32761447 ,PSAL,4,1942,3,1  
 CS,3901465,168,11/01/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=32761447 ,PSAL\_ADJUSTED,4,1962,3,1  
 CS,3901465,168,11/01/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=32761447 ,TEMP,4,1924,3,1  
 CS,3901465,168,11/01/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=32761447 ,TEMP\_ADJUSTED,4,1944,3,1  
 CS,5901640,264,26/02/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=35832570 ,PSAL,4.8,1899.3,3,1  
 CS,5901640,264,26/02/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=35832570 ,PSAL\_ADJUSTED,4.8,1899.3,3,1  
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 CS,5901640,264,26/02/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=35832570 ,TEMP\_ADJUSTED,1899.3,1899.3,3,1  
 CS,5901640,264,26/02/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=35832570 ,TEMP\_ADJUSTED,4.8,1798.9,3,1  
 CS,5901640,276,26/02/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=40051462 ,PSAL,2003.9,2003.9,4,1  
 CS,5901640,276,26/02/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=40051462 ,PSAL,5,1899,3,1  
 CS,5901640,276,26/02/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=40051462 ,PSAL\_ADJUSTED,5,1899,3,1  
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 CS,5901640,276,26/02/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=40051462 ,TEMP\_ADJUSTED,5,1899,3,1  
 CS,5901640,277,26/02/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=40208444 ,PSAL,2002,2002,4,1





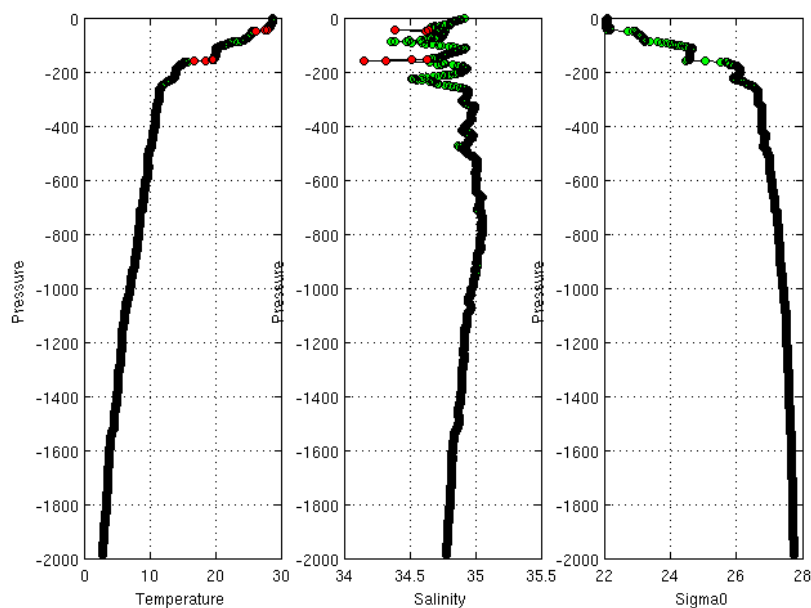




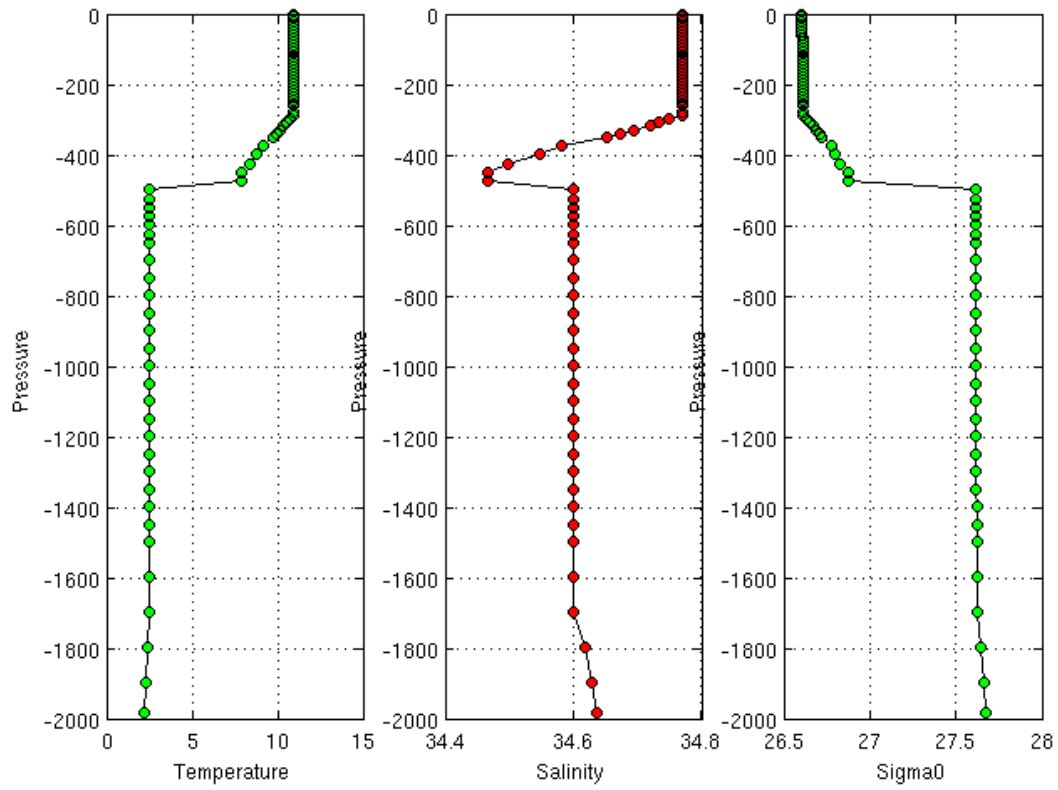
CS,7900311,201,30/07/2015 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=40896452 ,PSAL,192.1,280,1,3  
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 CS,7900318,118,16/11/2015 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=32335570 ,PSAL,4,1942,3,1  
 CS,7900318,118,16/11/2015 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=32335570 ,PSAL\_ADJUSTED,4,1962,3,1  
 CS,7900318,118,16/11/2015 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=32335570 ,TEMP,122,502,3,1  
 CS,7900318,118,16/11/2015 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=32335570 ,TEMP,508,514,3,1  
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 CS,7900324,159,25/05/2015 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=39848658 ,PSAL,3,350,1,3  
 CS,7900324,159,25/05/2015 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=39848658 ,PSAL,358,558,1,3  
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 CS,7900324,215,23/11/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=51131377 ,PSAL,328,328,1,3  
 CS,7900324,215,23/11/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=51131377 ,PSAL\_ADJUSTED,328,328,1,3  
 CS,7900324,218,22/12/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=51363400 ,PSAL,94,860.1,1,3  
 CS,7900324,218,22/12/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=51363400 ,PSAL\_ADJUSTED,62,898,1,3  
 CS,7900324,218,22/12/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=51363400 ,TEMP,64,860.1,1,3  
 CS,7900324,218,22/12/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=51363400 ,TEMP\_ADJUSTED,70,884,1,3  
 CS,7900620,23,06/12/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=51254539 ,PSAL,108,118,1,3  
 CS,7900620,23,06/12/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=51254539 ,PSAL,124,124,1,3  
 CS,7900620,23,06/12/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=51254539 ,PSAL,132,132,1,3  
 CS,7900620,23,06/12/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=51254539 ,PSAL,140,142,1,3  
 CS,7900620,23,06/12/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=51254539 ,PSAL,150,160,1,3  
 CS,7900620,23,06/12/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=51254539 ,PSAL,168,202,1,3  
 CS,7900620,23,06/12/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=51254539 ,PSAL,48,56.1,1,3  
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 CS,7900620,23,16/12/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=51254539 ,PSAL,50,64,3,4  
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 CS,7900620,24,16/12/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=51320913 ,PSAL,54,220,3,4  
 CS,7900620,24,16/12/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=51320913 ,PSAL\_ADJUSTED,54,220,3,4  
 CS,7900620,25,26/12/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=51390047 ,PSAL,128,144,1,3  
 CS,7900620,25,26/12/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=51390047 ,PSAL,156,170,1,3  
 CS,7900620,25,26/12/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=51390047 ,PSAL,72,76,1,3  
 CS,7900620,25,26/12/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=51390047 ,PSAL,82,82,1,3  
 CS,7900620,25,26/12/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=51390047 ,PSAL,90,112,1,3  
 CS,7900620,25,26/12/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=51390047 ,PSAL\_ADJUSTED,128,144,1,3  
 CS,7900620,25,26/12/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=51390047 ,PSAL\_ADJUSTED,156,170,1,3  
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 CS,7900620,25,26/12/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=51390047 ,PSAL\_ADJUSTED,90,112,1,3

Example of corrections:

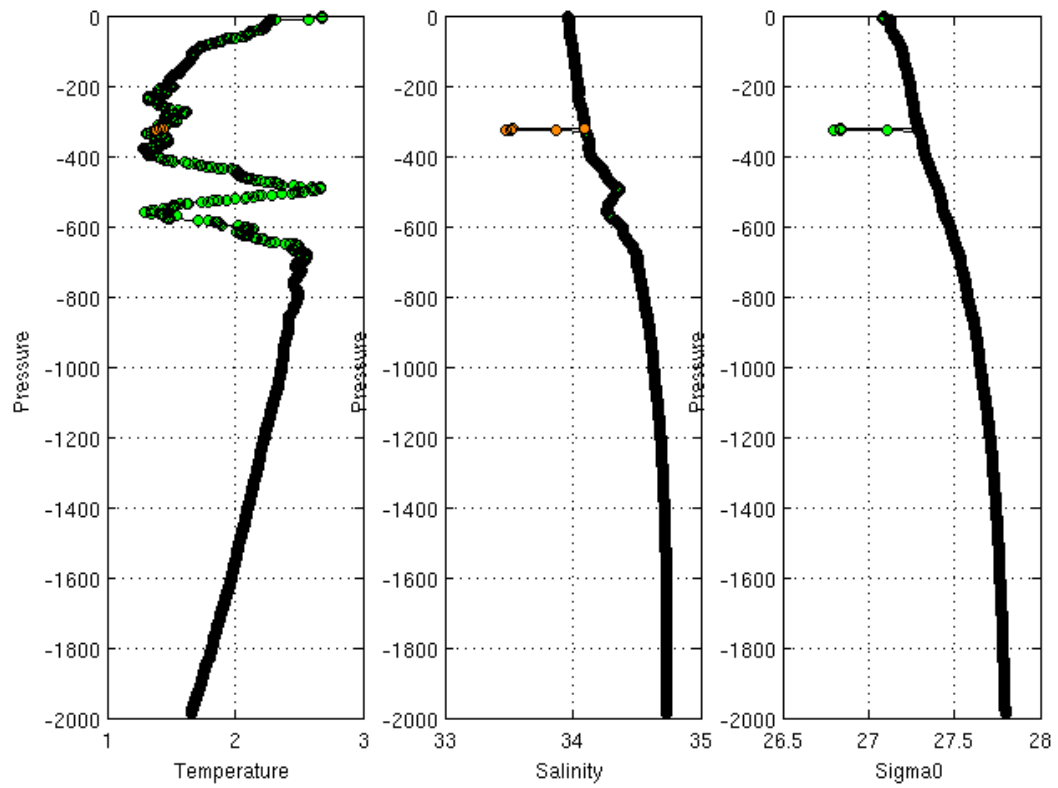
Warning Objective Analysis Anomalies 2016 December TEMP PSAL : DAC CS- Float 2901847-127



Warning Objective Analysis Anomalies 2016 December TEMP PSAL : DAC CS- Float 5901702-241



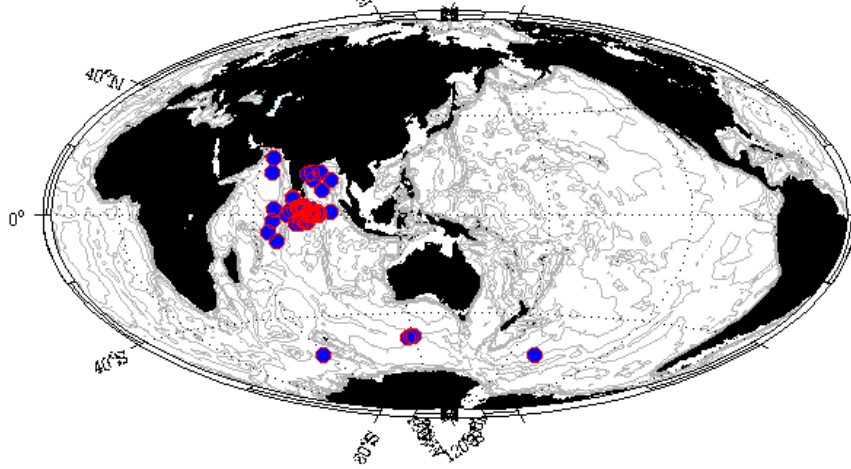
Warning Objective Analysis Anomalies 2016 December TEMP PSAL : DAC CS- Float 7900324-215



## 5. DAC INCOIS

Profiles detected by the objective analysis: 71 anomalies (26 floats – float can have several cycles with anomalies)  
Only 11 floats are concerned by the last monthly check with the objective analysis, the others are due to others analysis done for the years 2014 and 2015 (feedback from modelers).

### Warning Objective Analysis Anomalies 2016 December

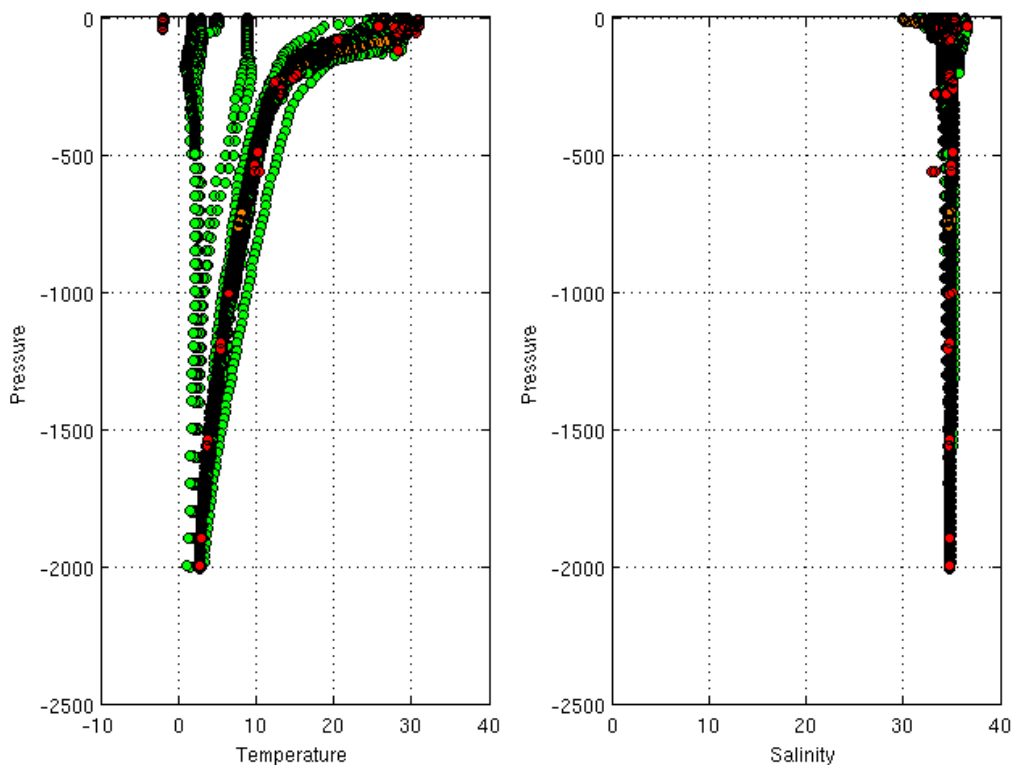


### **Status of corrections: Correction not done on APEX (updated by Coriolis on GDAC when Provov floats)**

Float : 2901300 - Cycle : 116 - PI : M Ravichandran - Data mode : A - INST REF : APEX-SBE 5384 - Date : 2014	3	31
Float : 2901300 - Cycle : 117 - PI : M Ravichandran - Data mode : A - INST REF : APEX-SBE 5384 - Date : 2014	4	9
Float : 2901300 - Cycle : 215 - PI : M Ravichandran - Data mode : A - INST REF : - Date : 2016	12	14
Float : 2901300 - Cycle : 216 - PI : M Ravichandran - Data mode : A - INST REF : - Date : 2016	12	25
Float : 2901306 - Cycle : 157 - PI : M Ravichandran - Data mode : A - INST REF : APEX-SBE 5388 - Date : 2015	5	26
Float : 2901325 - Cycle : 118 - PI : M Ravichandran - Data mode : A - INST REF : APEX-SBE 4726 - Date : 2014	8	12
Float : 2901327 - Cycle : 243 - PI : M Ravichandran - Data mode : A - INST REF : APEX-SBE 5781 - Date : 2014	8	12
Float : 2901331 - Cycle : 239 - PI : M Ravichandran - Data mode : A - INST REF : APEX-SBE 5776 - Date : 2014	7	29
Float : 2902095 - Cycle : 102 - PI : M Ravichandran - Data mode : A - INST REF : - Date : 2016	4	14
Float : 2902100 - Cycle : 104 - PI : M Ravichandran - Data mode : A - INST REF : - Date : 2016	5	10
Float : 2902101 - Cycle : 51 - PI : M Ravichandran - Data mode : A - INST REF : - Date : 2014	11	28
Float : 2902108 - Cycle : 68 - PI : M Ravichandran - Data mode : A - INST REF : - Date : 2015	5	27
Float : 2902110 - Cycle : 102 - PI : M Ravichandran - Data mode : A - INST REF : - Date : 2016	5	3
Float : 2902111 - Cycle : 101 - PI : M Ravichandran - Data mode : A - INST REF : - Date : 2016	4	24
Float : 2902133 - Cycle : 17 - PI : M Ravichandran - Data mode : A - INST REF : - Date : 2014	10	26
Float : 2902135 - Cycle : 14 - PI : M Ravichandran - Data mode : A - INST REF : APEX-SBE 7105 - Date : 2014	12	11
Float : 2902136 - Cycle : 59 - PI : M Ravichandran - Data mode : A - INST REF : - Date : 2016	5	5
Float : 2902147 - Cycle : 12 - PI : M Ravichandran - Data mode : A - INST REF : APEX-SBE 7113 - Date : 2014	12	3
Float : 2902147 - Cycle : 15 - PI : M Ravichandran - Data mode : A - INST REF : APEX-SBE 7113 - Date : 2015	1	2
Float : 2902149 - Cycle : 2 - PI : M Ravichandran - Data mode : A - INST REF : APEX-SBE 7111 - Date : 2014	8	26
Float : 2902149 - Cycle : 3 - PI : M Ravichandran - Data mode : A - INST REF : APEX-SBE 7111 - Date : 2014	9	5
Float : 2902149 - Cycle : 4 - PI : M Ravichandran - Data mode : A - INST REF : APEX-SBE 7111 - Date : 2014	9	15
Float : 2902149 - Cycle : 5 - PI : M Ravichandran - Data mode : A - INST REF : APEX-SBE 7111 - Date : 2014	9	25
Float : 2902149 - Cycle : 8 - PI : M Ravichandran - Data mode : A - INST REF : APEX-SBE 7111 - Date : 2014	10	25
Float : 2902149 - Cycle : 10 - PI : M Ravichandran - Data mode : A - INST REF : APEX-SBE 7111 - Date : 2014	11	14
Float : 2902149 - Cycle : 11 - PI : M Ravichandran - Data mode : A - INST REF : APEX-SBE 7111 - Date : 2014	11	24
Float : 2902149 - Cycle : 12 - PI : M Ravichandran - Data mode : A - INST REF : APEX-SBE 7111 - Date : 2014	12	4
Float : 2902149 - Cycle : 13 - PI : M Ravichandran - Data mode : A - INST REF : APEX-SBE 7111 - Date : 2014	12	14
Float : 2902149 - Cycle : 14 - PI : M Ravichandran - Data mode : A - INST REF : APEX-SBE 7111 - Date : 2014	12	24
Float : 2902149 - Cycle : 15 - PI : M Ravichandran - Data mode : A - INST REF : APEX-SBE 7111 - Date : 2015	1	3
Float : 2902149 - Cycle : 16 - PI : M Ravichandran - Data mode : A - INST REF : APEX-SBE 7111 - Date : 2015	1	13
Float : 2902150 - Cycle : 56 - PI : M Ravichandran - Data mode : A - INST REF : - Date : 2016	4	11
Float : 2902151 - Cycle : 2 - PI : M Ravichandran - Data mode : A - INST REF : APEX-SBE 7106 - Date : 2014	8	30
Float : 2902151 - Cycle : 3 - PI : M Ravichandran - Data mode : A - INST REF : APEX-SBE 7106 - Date : 2014	9	9
Float : 2902151 - Cycle : 4 - PI : M Ravichandran - Data mode : A - INST REF : APEX-SBE 7106 - Date : 2014	9	19
Float : 2902151 - Cycle : 5 - PI : M Ravichandran - Data mode : A - INST REF : APEX-SBE 7106 - Date : 2014	9	29
Float : 2902151 - Cycle : 6 - PI : M Ravichandran - Data mode : A - INST REF : APEX-SBE 7106 - Date : 2014	10	9
Float : 2902151 - Cycle : 7 - PI : M Ravichandran - Data mode : A - INST REF : - Date : 2014	10	19
Float : 2902151 - Cycle : 8 - PI : M Ravichandran - Data mode : A - INST REF : APEX-SBE 7106 - Date : 2014	10	29
Float : 2902151 - Cycle : 9 - PI : M Ravichandran - Data mode : A - INST REF : APEX-SBE 7106 - Date : 2014	11	8
Float : 2902151 - Cycle : 10 - PI : M Ravichandran - Data mode : A - INST REF : APEX-SBE 7106 - Date : 2014	11	18
Float : 2902151 - Cycle : 11 - PI : M Ravichandran - Data mode : A - INST REF : APEX-SBE 7106 - Date : 2014	11	28
Float : 2902151 - Cycle : 12 - PI : M Ravichandran - Data mode : A - INST REF : APEX-SBE 7106 - Date : 2014	12	8
Float : 2902151 - Cycle : 13 - PI : M Ravichandran - Data mode : A - INST REF : APEX-SBE 7106 - Date : 2014	12	18
Float : 2902151 - Cycle : 14 - PI : M Ravichandran - Data mode : A - INST REF : APEX-SBE 7106 - Date : 2014	12	28

Float : 2902151 - Cycle : 15 - PI : M Ravichandran - Data mode : A - INST REF : APEX-SBE 7106 - Date : 2015 1 7  
 Float : 2902151 - Cycle : 16 - PI : M Ravichandran - Data mode : A - INST REF : APEX-SBE 7106 - Date : 2015 1 17  
 Float : 2902152 - Cycle : 1 - PI : M Ravichandran - Data mode : A - INST REF : APEX-SBE 7107 - Date : 2014 8 23  
 Float : 2902152 - Cycle : 2 - PI : M Ravichandran - Data mode : A - INST REF : APEX-SBE 7107 - Date : 2014 9 2  
 Float : 2902152 - Cycle : 3 - PI : M Ravichandran - Data mode : A - INST REF : APEX-SBE 7107 - Date : 2014 9 12  
 Float : 2902152 - Cycle : 4 - PI : M Ravichandran - Data mode : A - INST REF : APEX-SBE 7107 - Date : 2014 9 22  
 Float : 2902152 - Cycle : 5 - PI : M Ravichandran - Data mode : A - INST REF : APEX-SBE 7107 - Date : 2014 10 2  
 Float : 2902153 - Cycle : 1 - PI : M Ravichandran - Data mode : A - INST REF : APEX-SBE 7108 - Date : 2014 8 24  
 Float : 2902153 - Cycle : 3 - PI : M Ravichandran - Data mode : A - INST REF : APEX-SBE 7108 - Date : 2014 9 12  
 Float : 2902153 - Cycle : 4 - PI : M Ravichandran - Data mode : A - INST REF : APEX-SBE 7108 - Date : 2014 9 23  
 Float : 2902153 - Cycle : 5 - PI : M Ravichandran - Data mode : A - INST REF : APEX-SBE 7108 - Date : 2014 10 2  
 Float : 2902153 - Cycle : 6 - PI : M Ravichandran - Data mode : A - INST REF : APEX-SBE 7108 - Date : 2014 10 12  
 Float : 2902153 - Cycle : 7 - PI : M Ravichandran - Data mode : A - INST REF : APEX-SBE 7108 - Date : 2014 10 22  
 Float : 2902153 - Cycle : 10 - PI : M Ravichandran - Data mode : A - INST REF : APEX-SBE 7108 - Date : 2014 11 21  
 Float : 2902153 - Cycle : 11 - PI : M Ravichandran - Data mode : A - INST REF : APEX-SBE 7108 - Date : 2014 12 2  
 Float : 2902153 - Cycle : 12 - PI : M Ravichandran - Data mode : A - INST REF : APEX-SBE 7108 - Date : 2014 12 12  
 Float : 2902153 - Cycle : 14 - PI : M Ravichandran - Data mode : A - INST REF : APEX-SBE 7108 - Date : 2014 12 31  
 Float : 2902153 - Cycle : 15 - PI : M Ravichandran - Data mode : A - INST REF : APEX-SBE 7108 - Date : 2015 1 10  
 Float : 2902153 - Cycle : 83 - PI : M Ravichandran - Data mode : A - INST REF : - Date : 2016 11 20  
 Float : 2902153 - Cycle : 84 - PI : M Ravichandran - Data mode : A - INST REF : - Date : 2016 11 30  
 Float : 2902154 - Cycle : 70 - PI : M Ravichandran - Data mode : A - INST REF : - Date : 2016 10 5  
 Float : 2902160 - Cycle : 150 - PI : M Ravichandran - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7129 - Date : 2016 11 26  
 Float : 2902164 - Cycle : 70 - PI : M Ravichandran - Data mode : A - INST REF : - Date : 2016 11 30  
 Float : 2902175 - Cycle : 42 - PI : M Ravichandran - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7123 - Date : 2015 2 24  
 Float : 2902190 - Cycle : 62 - PI : M Ravichandran - Data mode : A - INST REF : - Date : 2016 11 1  
 Float : 2902193 - Cycle : 69 - PI : M Ravichandran - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7558 - Date : 2016 12 22

### Warning Objective Analysis Anomalies 2016 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,2901300,116,03/04/2014 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=32718419 ,PSAL,4.7,1900.3,3,1  
 IN,2901300,116,03/04/2014 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=32718419 ,PSAL\_ADJUSTED,4.7,1900.3,3,1  
 IN,2901300,116,03/04/2014 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=32718419 ,TEMP,4.7,1900.3,3,1  
 IN,2901300,116,03/04/2014 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=32718419 ,TEMP\_ADJUSTED,4.7,1900.3,3,1  
 IN,2901300,117,13/04/2014 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=32806217 ,PSAL,4.6,1899.7,3,1  
 IN,2901300,117,13/04/2014 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=32806217 ,PSAL\_ADJUSTED,4.6,1899.7,3,1  
 IN,2901300,117,13/04/2014 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=32806217 ,TEMP,4.6,1899.7,3,1  
 IN,2901300,117,13/04/2014 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=32806217 ,TEMP\_ADJUSTED,4.6,1899.7,3,1  
 IN,2901300,215,18/12/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=51318387 ,TEMP,60.1,549.9,1,3  
 IN,2901300,216,26/12/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=51387904 ,TEMP,70.2,550.4,1,3  
 IN,2901300,216,26/12/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=51387904 ,TEMP\_ADJUSTED,70.2,550.4,1,3  
 IN,2901306,157,29/05/2015 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=39925845 ,PSAL,4.3,1899.8,3,1  
 IN,2901306,157,29/05/2015 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=39925845 ,PSAL\_ADJUSTED,4.3,1899.8,3,1  
 IN,2901325,118,13/08/2014 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=33957951 ,PSAL,198.4,198.4,1,4  
 IN,2901325,118,13/08/2014 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=33957951 ,PSAL,228.2,228.2,1,4  
 IN,2901325,118,13/08/2014 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=33957951 ,PSAL,86,86,1,4





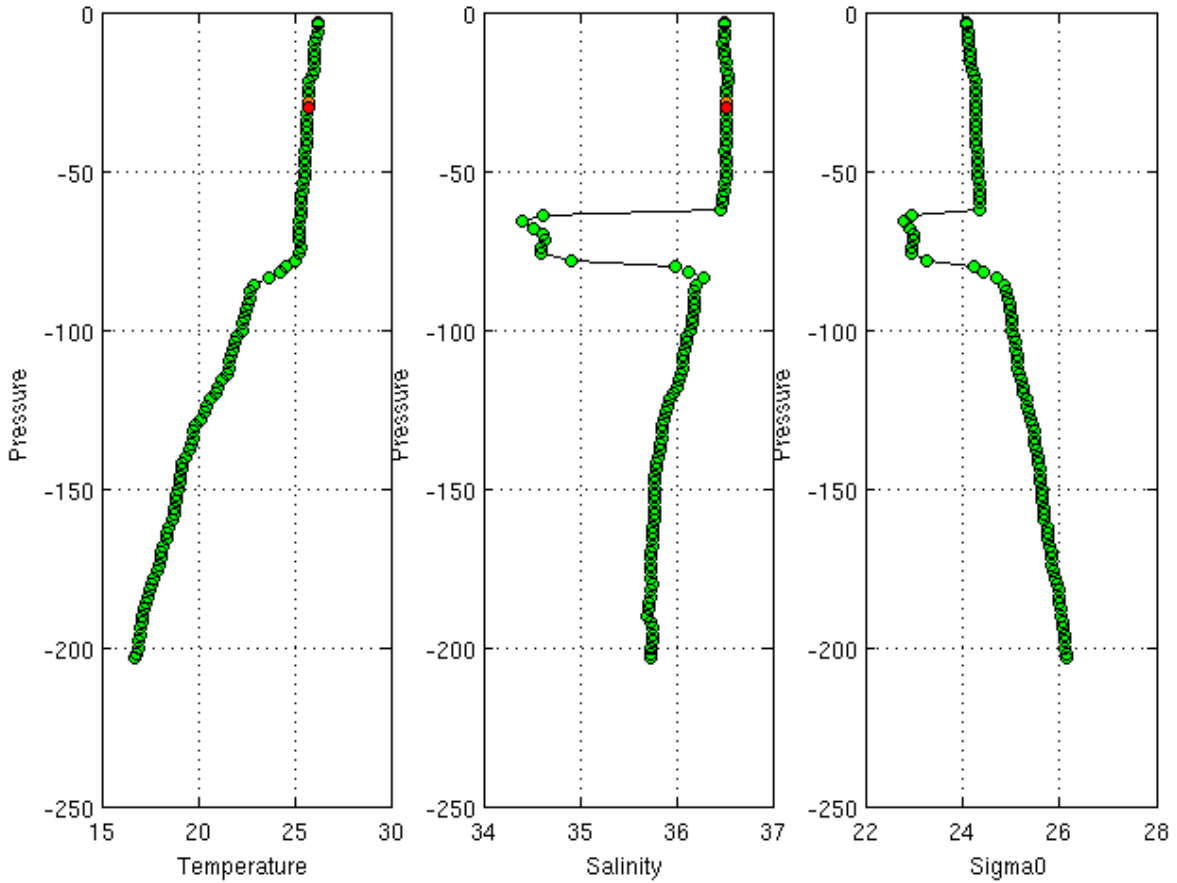




IN,2902153,84,04/12/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=51218856 ,PSAL\_ADJUSTED,4.9,70.4,1,3  
 IN,2902154,70,06/10/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=45414914 ,PSAL\_ADJUSTED,4.7,5.3,1,4  
 IN,2902160,150,27/11/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=51183607 ,PSAL,101.69,111.84,1,3  
 IN,2902160,150,27/11/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=51183607 ,PSAL\_ADJUSTED,101.69,111.84,1,3  
 IN,2902160,150,27/11/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=51183607 ,TEMP,51.65,51.65,1,3  
 IN,2902160,150,27/11/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=51183607 ,TEMP\_ADJUSTED,51.65,51.65,1,3  
 IN,2902164,70,30/11/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=51207568 ,PSAL,2.8,1998.17,1,3  
 IN,2902175,42,09/03/2015 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=37527027 ,PSAL\_ADJUSTED,70,70,1,4  
 IN,2902175,42,09/03/2015 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=37527027 ,PSAL\_ADJUSTED,78,82,1,4  
 IN,2902190,62,01/11/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=45633397 ,PSAL,718,734.1,1,3  
 IN,2902190,62,01/11/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=45633397 ,PSAL,748,760,1,3  
 IN,2902190,62,01/11/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=45633397 ,PSAL,768,822,1,3  
 IN,2902190,62,01/11/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=45633397 ,PSAL\_ADJUSTED,718,734.1,1,3  
 IN,2902190,62,01/11/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=45633397 ,PSAL\_ADJUSTED,748,760,1,3  
 IN,2902190,62,01/11/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=45633397 ,PSAL\_ADJUSTED,768,837.9,1,3  
 IN,2902193,69,22/12/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=51363109 ,PSAL\_ADJUSTED,4.4,21.5,1,4

Example of corrections:

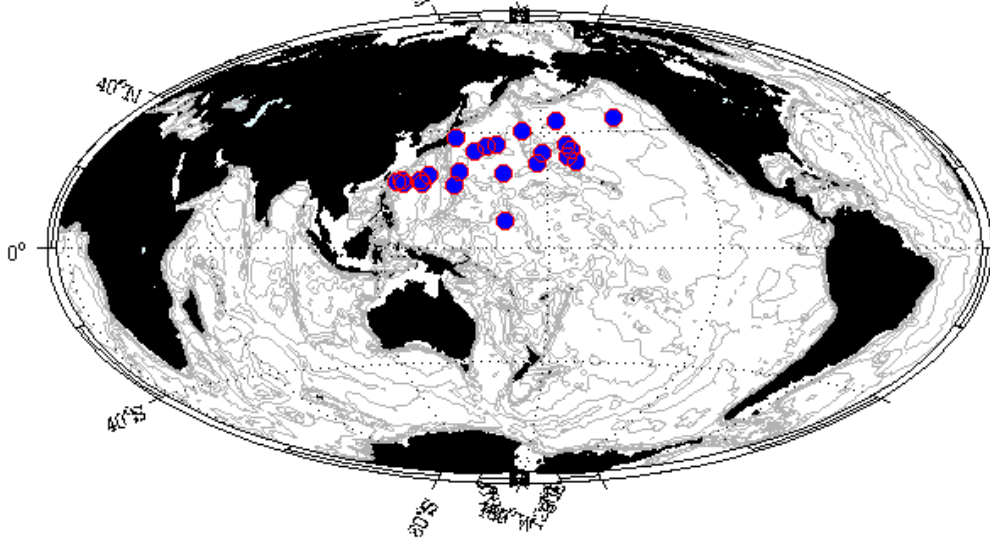
**Warning Objective Analysis Anomalies 2016 December TEMP PSAL : DAC IN- Float 2902175-42**



## 6. DAC JMA/JAMSTEC

Profiles detected by the objective analysis: 25 anomalies (22 floats – float can have several cycles with anomalies)  
Only 4 floats are concerned by the last monthly check with the objective analysis, the others are due to others analysis done for the years 2014 and 2015 (feedback from modelers).

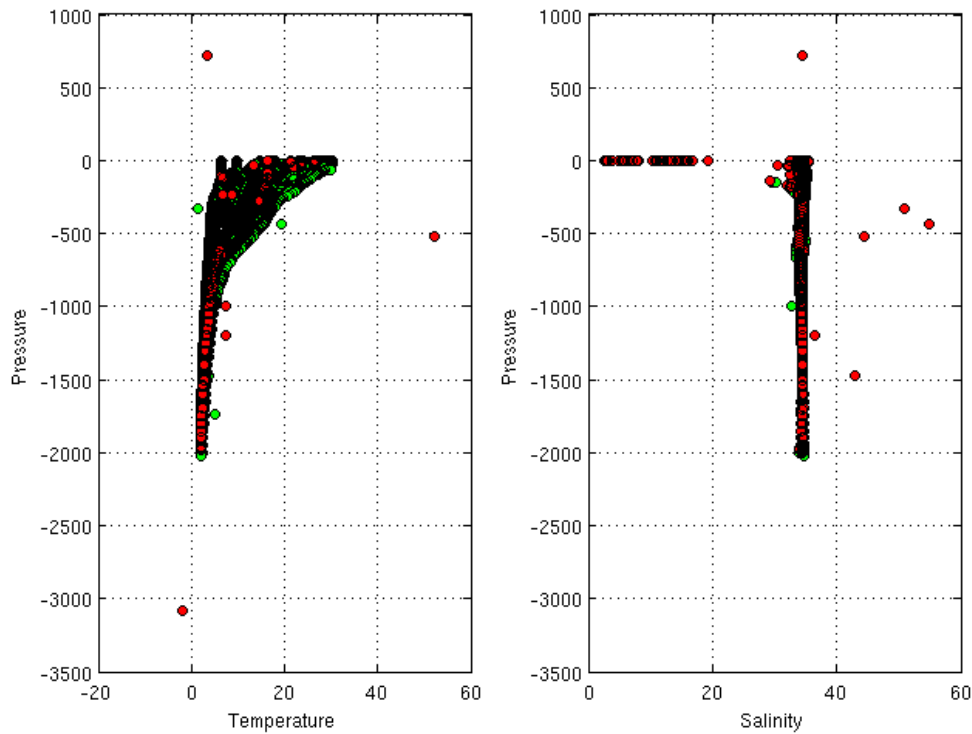
### Warning Objective Analysis Anomalies 2016 December



#### **Status of corrections: Not done – no feedback**

Float : 2901025 - Cycle : 201 - PI : JMA - Data mode : R - INST REF : - Date : 2014 2 22  
Float : 2901025 - Cycle : 202 - PI : JMA - Data mode : R - INST REF : - Date : 2014 2 27  
Float : 2901672 - Cycle : 89 - PI : JAMSTEC - Data mode : A - INST REF : - Date : 2014 12 27  
Float : 2901676 - Cycle : 97 - PI : JAMSTEC - Data mode : A - INST REF : - Date : 2015 5 7  
Float : 2902425 - Cycle : 119 - PI : JMA - Data mode : D - INST REF : - Date : 2014 11 3  
Float : 2902478 - Cycle : 19 - PI : JAMSTEC - Data mode : D - INST REF : - Date : 2014 9 1  
Float : 2902491 - Cycle : 51 - PI : JMA - Data mode : A - INST REF : APEX-SBE 6699 - Date : 2014 8 25  
Float : 2902491 - Cycle : 140 - PI : JMA - Data mode : A - INST REF : APEX-SBE 6699 - Date : 2015 11 13  
Float : 2902500 - Cycle : 125 - PI : JMA - Data mode : A - INST REF : APEX-SBE 6722 - Date : 2015 9 23  
Float : 2902501 - Cycle : 87 - PI : JMA - Data mode : A - INST REF : APEX-SBE 6723 - Date : 2015 3 17  
Float : 2902528 - Cycle : 319 - PI : JAMSTEC - Data mode : A - INST REF : - Date : 2015 9 3  
Float : 2902942 - Cycle : 49 - PI : JMA - Data mode : A - INST REF : - Date : 2015 7 22  
Float : 2902945 - Cycle : 135 - PI : JMA - Data mode : A - INST REF : - Date : 2016 9 25  
Float : 2902952 - Cycle : 90 - PI : JMA - Data mode : A - INST REF : - Date : 2016 4 9  
Float : 2902968 - Cycle : 3 - PI : Akira Kuwano-Yoshida - Data mode : A - INST REF : - Date : 2015 11 10  
Float : 2902974 - Cycle : 19 - PI : JAMSTEC - Data mode : A - INST REF : - Date : 2016 7 4  
Float : 4902137 - Cycle : 64 - PI : JAMSTEC - Data mode : A - INST REF : - Date : 2015 5 14  
Float : 4902137 - Cycle : 92 - PI : JAMSTEC - Data mode : A - INST REF : - Date : 2015 8 22  
Float : 4902138 - Cycle : 136 - PI : JAMSTEC - Data mode : A - INST REF : - Date : 2016 10 15  
Float : 4902139 - Cycle : 17 - PI : JAMSTEC - Data mode : A - INST REF : - Date : 2014 12 18  
Float : 4902144 - Cycle : 48 - PI : JAMSTEC - Data mode : A - INST REF : - Date : 2015 3 18  
Float : 4902253 - Cycle : 24 - PI : JAMSTEC - Data mode : A - INST REF : - Date : 2015 12 22  
Float : 5904879 - Cycle : 56 - PI : JAMSTEC - Data mode : A - INST REF : - Date : 2015 9 7  
Float : 5904931 - Cycle : 19 - PI : JAMSTEC - Data mode : D - INST REF : - Date : 2014 8 31  
Float : 5904931 - Cycle : 20 - PI : JAMSTEC - Data mode : D - INST REF : - Date : 2014 9 10

## Warning Objective Analysis Anomalies 2016 December TEMP PSAL - DAC JA



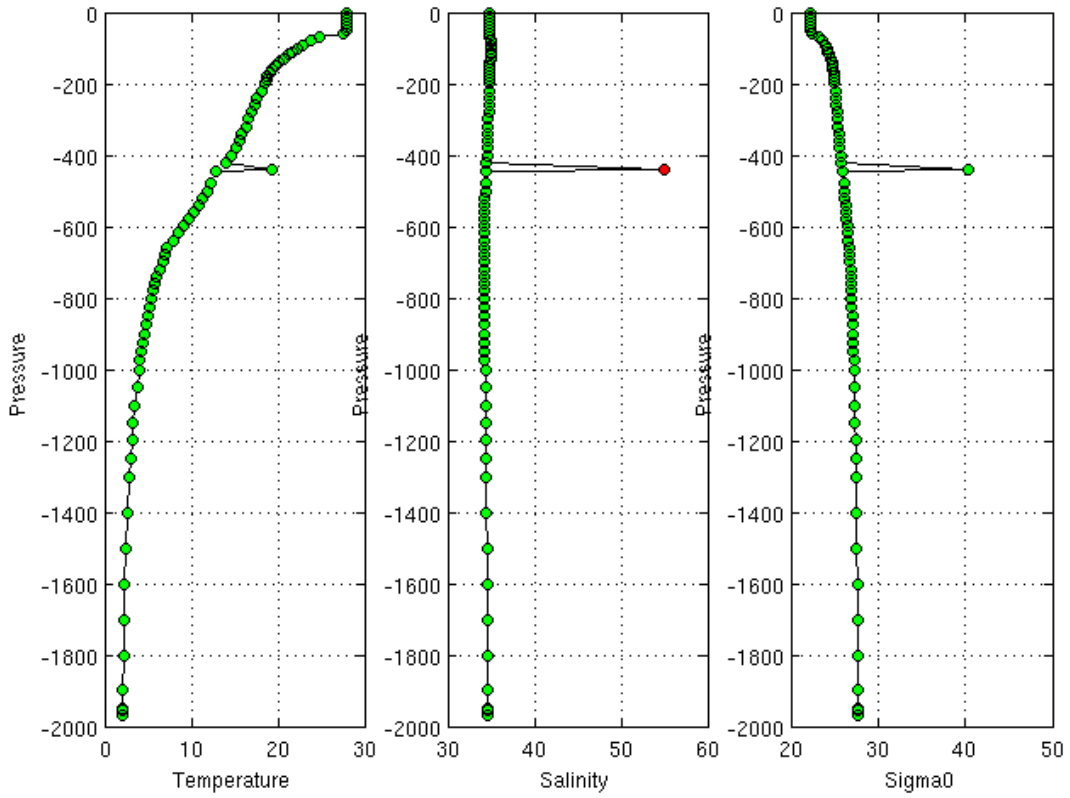
DAC\_CODE,PLATFORM\_CODE,CV\_NUMBER,DATE\_UPDATE,DIRECTION,WEB\_URL,PARAMETER,START\_IMMERSION,STOP\_IMMERSION,OLD\_QC,NEW\_QC

JA,2901025,201,28/04/2015 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=32441950> ,PSAL,562,663,1,3  
 JA,2901025,202,28/04/2015 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=32473132> ,PSAL,513,664,1,3  
 JA,2901672,89,01/05/2015 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=35509665> ,PSAL,15.2,260.5,4,3  
 JA,2901672,89,01/05/2015 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=35509665> ,PSAL,280.1,600.6,1,3  
 JA,2901672,89,01/05/2015 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=35509665> ,PSAL,700.3,720.1,1,3  
 JA,2901672,89,01/05/2015 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=35509665> ,PSAL,820.4,1950.5,1,3  
 JA,2901672,89,01/05/2015 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=35509665> ,PSAL\_ADJUSTED,.5,10.6,4,3  
 JA,2901672,89,01/05/2015 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=35509665> ,PSAL\_ADJUSTED,19.9,619.8,4,3  
 JA,2901672,89,01/05/2015 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=35509665> ,PSAL\_ADJUSTED,680.4,740.7,1,3  
 JA,2901672,89,01/05/2015 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=35509665> ,PSAL\_ADJUSTED,800.2,1950.5,1,3  
 JA,2901676,97,11/05/2015 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=39664101> ,PSAL,145.2,154.4,1,4  
 JA,2901676,97,11/05/2015 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=39664101> ,PSAL,170.5,175.1,4  
 JA,2901676,97,11/05/2015 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=39664101> ,PSAL,1899.9,1949.7,1,4  
 JA,2901676,97,11/05/2015 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=39664101> ,PSAL,190,270,1,4  
 JA,2901676,97,11/05/2015 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=39664101> ,PSAL,290.1,340.3,1,4  
 JA,2901676,97,11/05/2015 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=39664101> ,PSAL\_ADJUSTED,115.2,115.2,1,4  
 JA,2901676,97,11/05/2015 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=39664101> ,PSAL\_ADJUSTED,145.2,145.2,1,4  
 JA,2901676,97,11/05/2015 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=39664101> ,PSAL\_ADJUSTED,149.8,154.4,1,4  
 JA,2901676,97,11/05/2015 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=39664101> ,PSAL\_ADJUSTED,170.5,175.1,4  
 JA,2901676,97,11/05/2015 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=39664101> ,PSAL\_ADJUSTED,1899.9,1949.7,1,4  
 JA,2901676,97,11/05/2015 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=39664101> ,PSAL\_ADJUSTED,190,270,1,4  
 JA,2901676,97,11/05/2015 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=39664101> ,PSAL\_ADJUSTED,290.1,330,1,4  
 JA,2902425,119,20/06/2015 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=34841326> ,PSAL,3.9,1900.1,3,1  
 JA,2902425,119,20/06/2015 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=34841326> ,PSAL\_ADJUSTED,3.9,1900.1,3,1  
 JA,2902425,119,20/06/2015 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=34841326> ,TEMP,3.9,1900.1,3,1  
 JA,2902425,119,20/06/2015 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=34841326> ,TEMP\_ADJUSTED,3.9,1900.1,3,1  
 JA,2902478,19,20/06/2015 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=34091809> ,PSAL,10.5,499.5,3,4  
 JA,2902478,19,20/06/2015 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=34091809> ,PSAL,880.4,2000.2,1,4  
 JA,2902491,140,17/11/2015 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=42233608> ,TEMP\_ADJUSTED,439.9,439.9,1,4  
 JA,2902491,51,29/08/2014 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=34064673> ,PSAL,1249.9,1249.9,1,4  
 JA,2902491,51,29/08/2014 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=34064673> ,PSAL\_ADJUSTED,1249.9,1249.9,1,4  
 JA,2902500,125,27/09/2015 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=41792290> ,PSAL\_ADJUSTED,1950.1,1950.1,1,4  
 JA,2902500,125,27/09/2015 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=41792290> ,PSAL\_ADJUSTED,1989.5,2000.1,4  
 JA,2902501,87,21/03/2015 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=39141158> ,PSAL,4.4,1899.8,3,1  
 JA,2902501,87,21/03/2015 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=39141158> ,PSAL\_ADJUSTED,4.4,1960,3,1  
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 JA,2902501,87,21/03/2015 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=39141158> ,TEMP\_ADJUSTED,4.4,1899.8,3,1  
 JA,2902528,319,23/10/2015 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=41392938> ,PSAL,4.1,1942,3,1

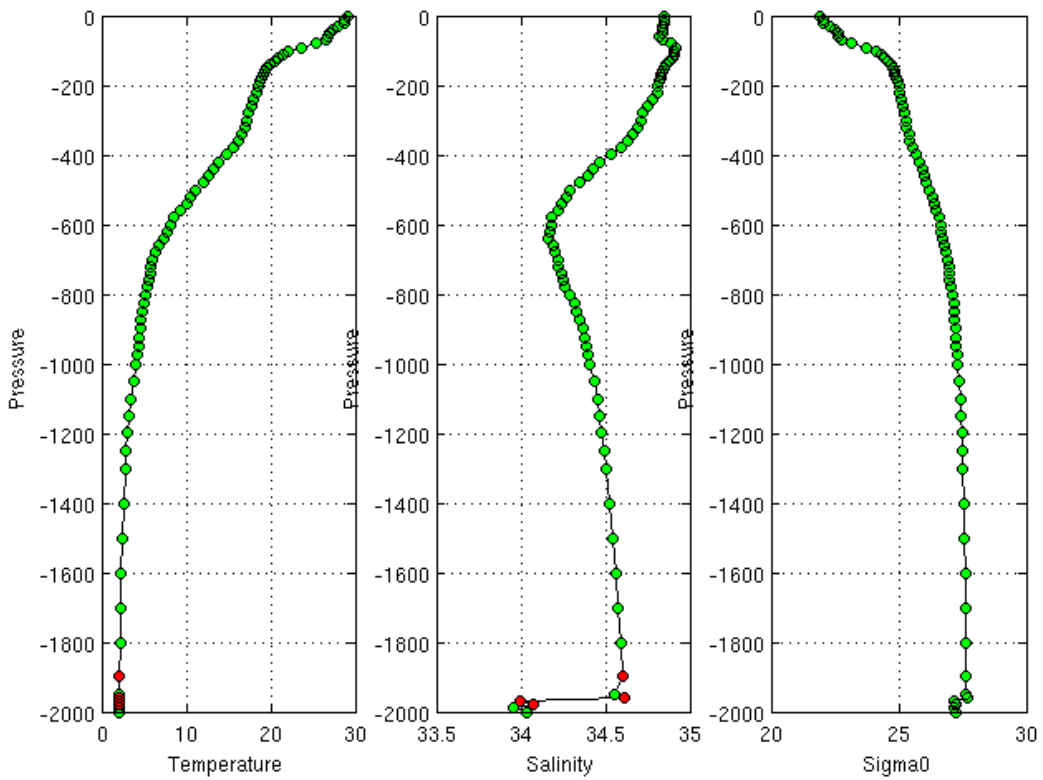
JA,2902528,319,23/10/2015 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=41392938 ,PSAL\_ADJUSTED,4.1,1962,3,1  
JA,2902528,319,23/10/2015 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=41392938 ,TEMP,4.1,1924,3,1  
JA,2902528,319,23/10/2015 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=41392938 ,TEMP\_ADJUSTED,4.1,1944,3,1  
JA,2902942,49,26/07/2015 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=40807753 ,PSAL,1250.4,1899.9,3,1  
JA,2902942,49,26/07/2015 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=40807753 ,PSAL,4.6,975.6,3,1  
JA,2902942,49,26/07/2015 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=40807753 ,PSAL\_ADJUSTED,1000.3,1000.3,1,4  
JA,2902942,49,26/07/2015 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=40807753 ,PSAL\_ADJUSTED,1250.4,1959.9,3,1  
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JA,2902942,49,26/07/2015 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=40807753 ,TEMP,1200.2,1899.9,3,1  
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JA,2902942,49,26/07/2015 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=40807753 ,TEMP\_ADJUSTED,1200.2,1899.9,3,1  
JA,2902942,49,26/07/2015 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=40807753 ,TEMP\_ADJUSTED,1472.4,1472.4,1,3  
JA,2902942,49,26/07/2015 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=40807753 ,TEMP\_ADJUSTED,1472.4,1472.4,1,4  
JA,2902942,49,26/07/2015 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=40807753 ,TEMP\_ADJUSTED,331,331,1,4  
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JA,2902945,135,30/09/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=45314430 ,PSAL\_ADJUSTED,1737.6,1737.6,1,4  
JA,2902945,135,30/09/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=45314430 ,TEMP\_ADJUSTED,1737.6,1737.6,1,4  
JA,2902952,90,13/04/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=43814396 ,TEMP,-.4,-.4,1,4  
JA,2902952,90,13/04/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=43814396 ,TEMP,-.5,-.4,1,4  
JA,2902952,90,13/04/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=43814396 ,TEMP,-.5,-.5,1,4  
JA,2902952,90,13/04/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=43814396 ,TEMP,-.6,-.6,1,4  
JA,2902952,90,13/04/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=43814396 ,TEMP\_ADJUSTED,-.4,-.4,1,4  
JA,2902952,90,13/04/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=43814396 ,TEMP\_ADJUSTED,-.5,-.4,1,4  
JA,2902952,90,13/04/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=43814396 ,TEMP\_ADJUSTED,-.5,-.5,1,4  
JA,2902952,90,13/04/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=43814396 ,TEMP\_ADJUSTED,-.6,-.6,1,4  
JA,2902968,3,10/11/2015 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=42184507 ,PSAL\_ADJUSTED,4,4,1,4  
JA,2902968,3,10/11/2015 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=42184507 ,PSAL\_ADJUSTED,4,4,4,4,1,4  
JA,2902968,3,10/11/2015 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=42184507 ,TEMP\_ADJUSTED,4,4,1,1,4  
JA,2902968,3,10/11/2015 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=42184507 ,TEMP\_ADJUSTED,4,2,4,2,1,4  
JA,2902968,3,10/11/2015 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=42184507 ,TEMP\_ADJUSTED,4,3,4,3,1,4  
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JA,2902974,19,05/07/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=44502041 ,PSAL\_ADJUSTED,238,240,1,4  
JA,2902974,19,05/07/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=44502041 ,PSAL\_ADJUSTED,34,34,1,4  
JA,4902137,64,22/10/2015 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=39727468 ,PSAL,12,216,3,4  
JA,4902137,64,22/10/2015 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=39727468 ,PSAL\_ADJUSTED,12,216,3,4  
JA,4902137,92,22/10/2015 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=41210763 ,PSAL,20,54,1,4  
JA,4902137,92,22/10/2015 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=41210763 ,PSAL\_ADJUSTED,20,52,1,4  
JA,4902138,136,15/10/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=45506902 ,PSAL,50,498,1,3  
JA,4902138,136,15/10/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=45506902 ,PSAL\_ADJUSTED,16,16,1,3  
JA,4902138,136,15/10/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=45506902 ,PSAL\_ADJUSTED,26,28,1,3  
JA,4902138,136,15/10/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=45506902 ,PSAL\_ADJUSTED,43.6,48,1,3  
JA,4902138,136,15/10/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=45506902 ,PSAL\_ADJUSTED,50,494,1,3  
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JA,4902139,17,22/10/2015 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=35436800 ,PSAL,94,106,1,4  
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JA,4902253,24,22/12/2015 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=42590758 ,PSAL\_ADJUSTED,1544,1550,1,4  
JA,5904879,56,11/09/2015 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=41417581 ,PSAL,1.6,1899.6,3,1  
JA,5904879,56,11/09/2015 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=41417581 ,PSAL\_ADJUSTED,1.6,1950.6,3,1  
JA,5904879,56,11/09/2015 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=41417581 ,TEMP,1.6,1899.6,3,1  
JA,5904879,56,11/09/2015 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=41417581 ,TEMP\_ADJUSTED,1.6,1899.6,3,1  
JA,5904931,19,23/06/2015 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=34089941 ,PSAL,14.3,250.7,1,3  
JA,5904931,19,23/06/2015 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=34089941 ,PSAL,879.6,2001.2,1,3  
JA,5904931,20,23/06/2015 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=34186683 ,PSAL,1.2,220.1,4,3  
JA,5904931,20,23/06/2015 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=34186683 ,PSAL,879.7,2000.9,1,3

Example of anomalies:

Warning Objective Analysis Anomalies 2016 December TEMP PSAL : DAC JA- Float 2902491-140



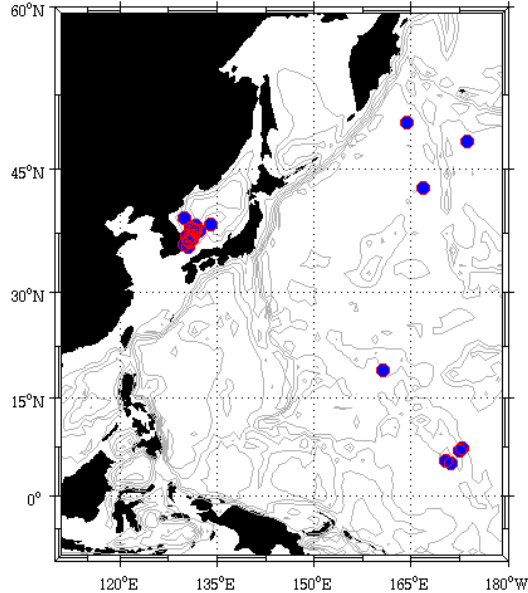
Warning Objective Analysis Anomalies 2016 December TEMP PSAL : DAC JA- Float 2902500-125



## 7. DAC KMA

Profiles detected by the objective analysis: 25 anomalies (11 floats – float can have several cycles with anomalies)  
 Only 5 floats are concerned by the last monthly check with the objective analysis, the others are due to others analysis done for the years 2014 and 2015 (feedback from modelers).

**Warning Objective Analysis Anomalies 2016 December**

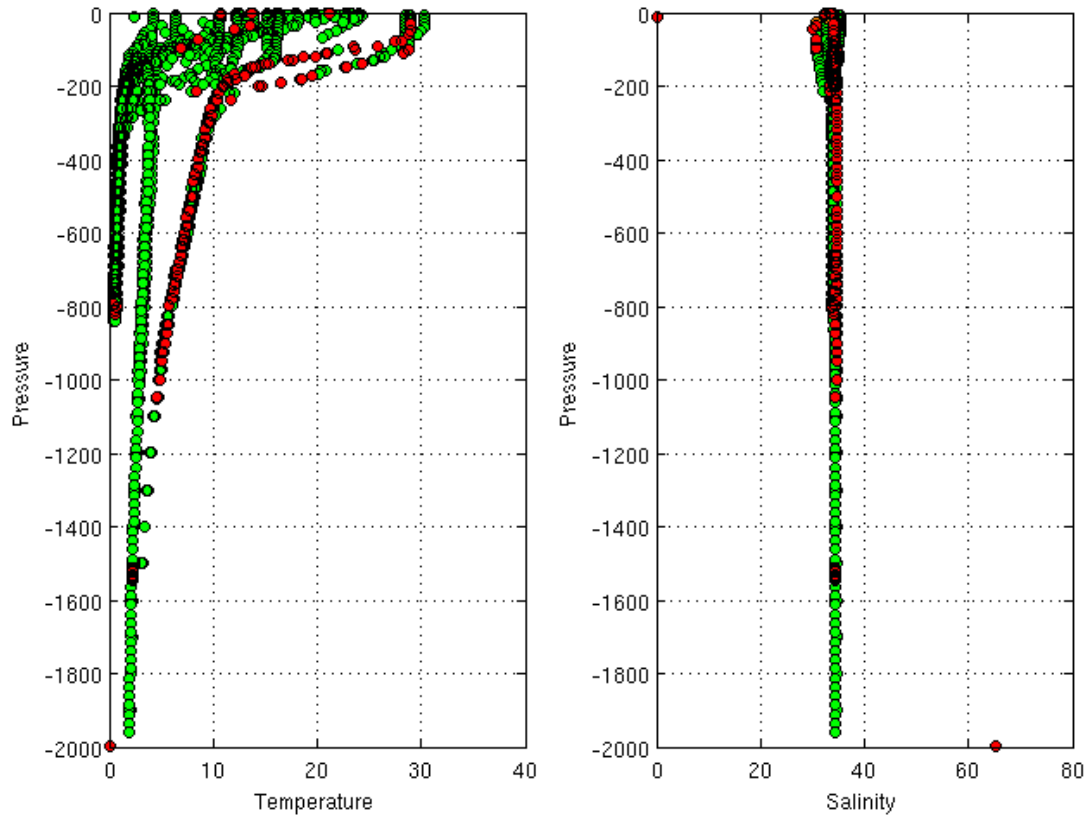


**Status of corrections: Correction done for some profiles, feedback but still same anomalies**

Float : 2900890 - Cycle : 203 - PI : Jang-Won Seo - Data mode : R - INST REF : APEX Profiling Float - Date : 2014 1 10  
 Float : 2901225 - Cycle : 153 - PI : Sang-Buem Ryoo - Data mode : D - INST REF : APEX-SBE 5106 - Date : 2014 1 14  
 Float : 2901225 - Cycle : 179 - PI : Sang-Buem Ryoo - Data mode : D - INST REF : APEX-SBE 5106 - Date : 2014 10 1  
 Float : 2901225 - Cycle : 192 - PI : Sang-Buem Ryoo - Data mode : D - INST REF : APEX-SBE 5106 - Date : 2015 2 8  
 Float : 2901225 - Cycle : 200 - PI : Sang-Buem Ryoo - Data mode : D - INST REF : APEX-SBE 5106 - Date : 2015 4 29  
 Float : 2901712 - Cycle : 123 - PI : Young-Hwa Kim - Data mode : A - INST REF : - Date : 2016 12 15  
 Float : 2901713 - Cycle : 63 - PI : Young-Hwa Kim - Data mode : D - INST REF : APEX 6155 - Date : 2015 4 25  
 Float : 2901717 - Cycle : 46 - PI : Youngsoo Jeon - Data mode : R - INST REF : APEX Profiling Float - Date : 2015 6 22  
 Float : 2901722 - Cycle : 33 - PI : Young-soo Jeon - Data mode : D - INST REF : ARVOR 5867 - Date : 2015 3 24  
 Float : 2901724 - Cycle : 7 - PI : Youngsoo Jeon - Data mode : R - INST REF : ARVOR Profiling Float - Date : 2014 9 16  
 Float : 2901724 - Cycle : 11 - PI : Youngsoo Jeon - Data mode : R - INST REF : ARVOR Profiling Float - Date : 2014 10 14  
 Float : 2901724 - Cycle : 15 - PI : Youngsoo Jeon - Data mode : R - INST REF : ARVOR Profiling Float - Date : 2014 11 18  
 Float : 2901724 - Cycle : 19 - PI : Youngsoo Jeon - Data mode : R - INST REF : ARVOR Profiling Float - Date : 2014 12 16  
 Float : 2901724 - Cycle : 24 - PI : Youngsoo Jeon - Data mode : R - INST REF : ARVOR Profiling Float - Date : 2015 1 20  
 Float : 2901724 - Cycle : 38 - PI : Youngsoo Jeon - Data mode : R - INST REF : ARVOR Profiling Float - Date : 2015 4 28  
 Float : 2901724 - Cycle : 42 - PI : Youngsoo Jeon - Data mode : R - INST REF : ARVOR Profiling Float - Date : 2015 5 26  
 Float : 2901724 - Cycle : 47 - PI : Youngsoo Jeon - Data mode : R - INST REF : ARVOR Profiling Float - Date : 2015 6 30  
 Float : 2901724 - Cycle : 51 - PI : Youngsoo Jeon - Data mode : R - INST REF : ARVOR Profiling Float - Date : 2015 7 28  
 Float : 2901724 - Cycle : 56 - PI : Youngsoo Jeon - Data mode : R - INST REF : ARVOR Profiling Float - Date : 2015 9 1  
 Float : 2901724 - Cycle : 124 - PI : Youngsoo Jeon - Data mode : R - INST REF : - Date : 2016 12 20  
 Float : 2901724 - Cycle : 125 - PI : Youngsoo Jeon - Data mode : R - INST REF : - Date : 2016 12 27  
 Float : 2901728 - Cycle : 1 - PI : youngsoo Jeon - Data mode : R - INST REF : ARVOR Profiling Float - Date : 2014 8 6  
 Float : 2901737 - Cycle : 82 - PI : ByungHwan Lim - Data mode : R - INST REF : - Date : 2016 12 14  
 Float : 2901738 - Cycle : 83 - PI : ByungHwan Lim - Data mode : R - INST REF : - Date : 2016 12 21  
 Float : 2901750 - Cycle : 21 - PI : Jaeyoung Byon - Data mode : R - INST REF : - Date : 2016 12 24



## Warning Objective Analysis Anomalies 2016 December TEMP PSAL - DAC KM

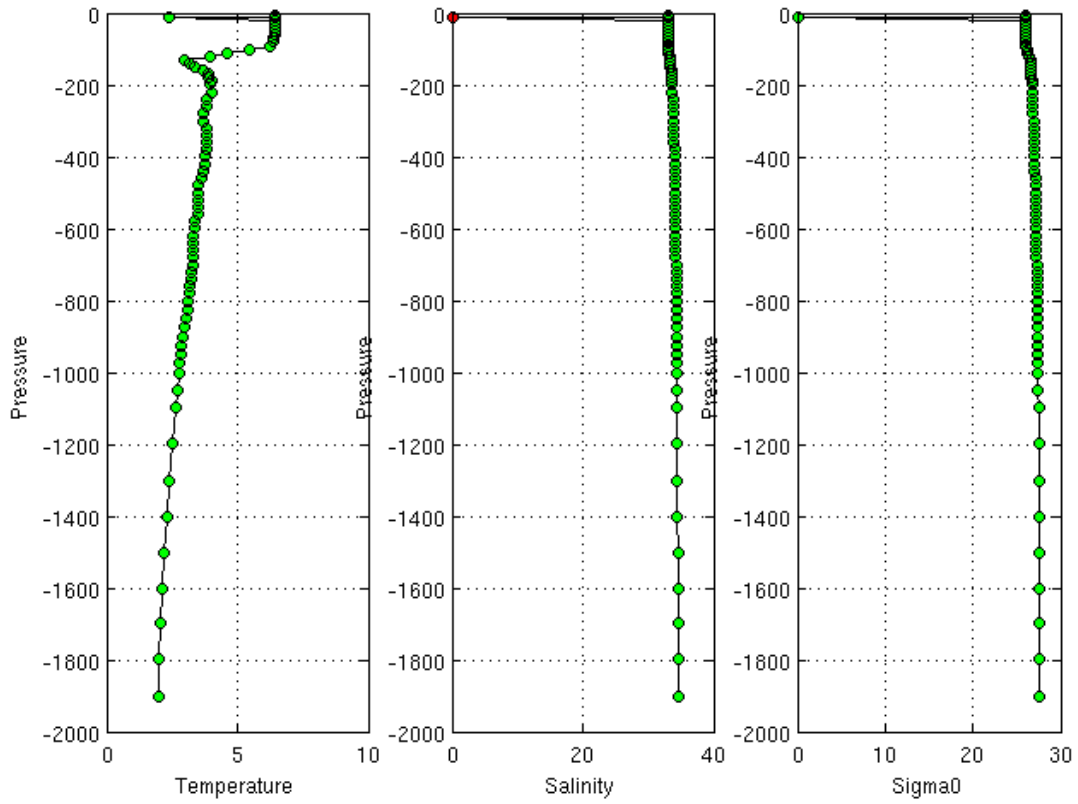


DAC\_CODE,PLATFORM\_CODE,CV\_NUMBER,DATE\_UPDATE,DIRECTION,WEB\_URL,PARAMETER,START\_IMMERSION,STOP\_IMMERSION,OLD\_QC,NEW\_QC  
 KM,2900890,203,28/01/2014 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=32104097> ,TEMP,8.3,69.1,1,3  
 KM,2901225,153,06/05/2015 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=32165674> ,PSAL,109.3,109.3,3,4  
 KM,2901225,153,06/05/2015 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=32165674> ,PSAL,139.3,139.3,3,4  
 KM,2901225,153,06/05/2015 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=32165674> ,PSAL,179.6,219.3,3,4  
 KM,2901225,179,06/05/2015 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=34364257> ,PSAL,149.5,149.5,3,4  
 KM,2901225,179,06/05/2015 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=34364257> ,PSAL,169.5,199.5,3,4  
 KM,2901225,192,13/08/2015 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=35913116> ,PSAL,119.3,148.7,3,4  
 KM,2901225,192,13/08/2015 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=35913116> ,PSAL,169.5,179.6,3,4  
 KM,2901225,200,13/08/2015 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=39568938> ,PSAL,109.6,129.6,3,4  
 KM,2901225,200,13/08/2015 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=39568938> ,PSAL,149.7,169.4,3,4  
 KM,2901225,200,13/08/2015 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=39568938> ,PSAL,89.7,89.7,3,4  
 KM,2901712,123,23/12/2016 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=51365633> ,TEMP,10.4,10.4,1,4  
 KM,2901712,123,23/12/2016 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=51365633> ,TEMP\_ADJUSTED,10.4,10.4,1,4  
 KM,2901713,63,30/09/2016 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=39491994> ,TEMP,4.7,1900.2,1,3  
 KM,2901713,63,30/09/2016 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=39491994> ,TEMP\_ADJUSTED,4.7,1900.2,1,3  
 KM,2901717,46,23/06/2015 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=40398507> ,PSAL,106,239,1,3  
 KM,2901717,46,23/06/2015 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=40398507> ,PSAL,106,239,1,4  
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 KM,2901717,46,23/06/2015 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=40398507> ,PSAL,55,65,3,4  
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 KM,2901717,46,23/06/2015 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=40398507> ,PSAL,85,85,1,4  
 KM,2901717,46,23/06/2015 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=40398507> ,PSAL,85,85,3,4  
 KM,2901722,33,13/10/2016 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=39210883> ,PSAL,1,5,1,4  
 KM,2901722,33,13/10/2016 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=39210883> ,PSAL,7,15,1,3  
 KM,2901722,33,13/10/2016 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=39210883> ,PSAL,7,15,1,4  
 KM,2901722,33,13/10/2016 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=39210883> ,PSAL,7,7,3,4  
 KM,2901722,33,13/10/2016 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=39210883> ,PSAL\_ADJUSTED,4,4,1,4  
 KM,2901722,33,13/10/2016 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=39210883> ,PSAL\_ADJUSTED,7,15,1,4  
 KM,2901724,11,15/10/2014 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=34439830> ,PSAL,1,808,4,4  
 KM,2901724,124,23/12/2016 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=51365645> ,PSAL,1,800,1,3  
 KM,2901724,125,28/12/2016 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=51395448> ,PSAL,1,803,1,3

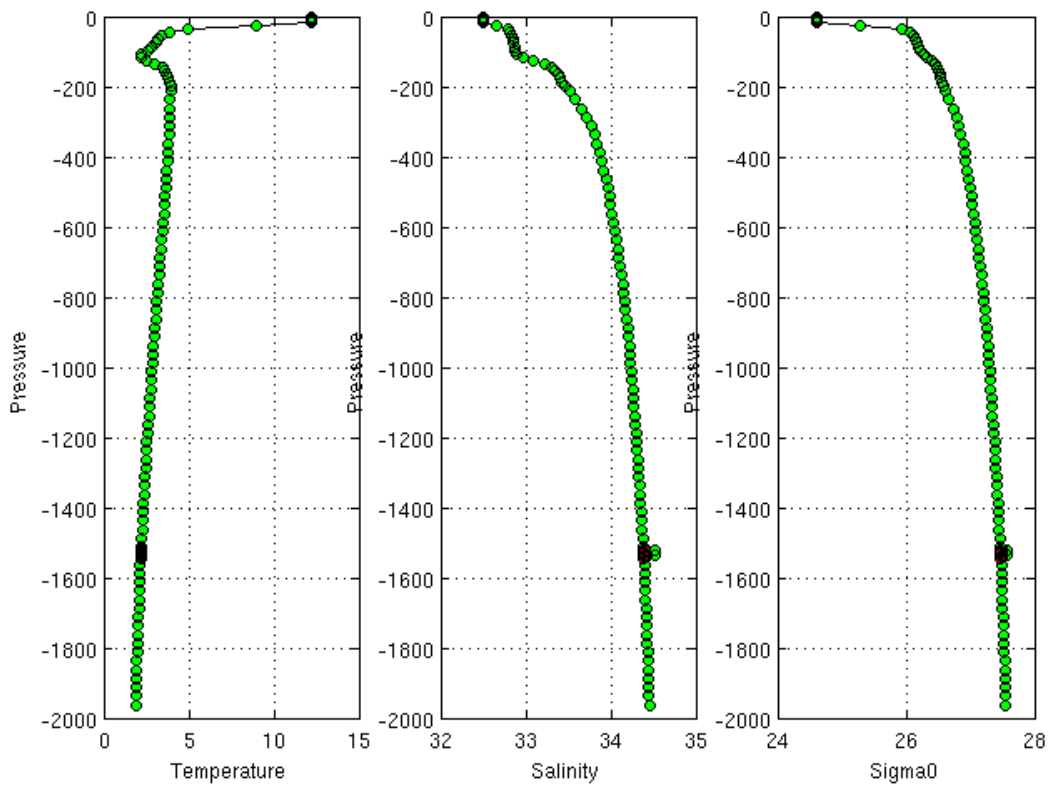
KM,2901724,125,28/12/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=51395448 ,PSAL,805,805,1,4  
KM,2901724,15,19/11/2014 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=35142280 ,PSAL,1,823,4,4  
KM,2901724,15,19/11/2014 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=35142280 ,PSAL,115,288,3,4  
KM,2901724,15,19/11/2014 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=35142280 ,PSAL,513,823,3,4  
KM,2901724,19,17/12/2014 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=35421491 ,PSAL,1,821,4,4  
KM,2901724,19,17/12/2014 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=35421491 ,PSAL,115,288,3,4  
KM,2901724,19,17/12/2014 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=35421491 ,PSAL,513,821,3,4  
KM,2901724,24,21/01/2015 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=35751601 ,PSAL,1,834,1,4  
KM,2901724,24,21/01/2015 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=35751601 ,PSAL,115,313,3,4  
KM,2901724,24,21/01/2015 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=35751601 ,PSAL,513,834,3,4  
KM,2901724,38,29/04/2015 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=39557075 ,PSAL,1,841,4,4  
KM,2901724,42,27/05/2015 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=39925226 ,PSAL,1,813,1,4  
KM,2901724,42,27/05/2015 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=39925226 ,PSAL,115,288,3,4  
KM,2901724,42,27/05/2015 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=39925226 ,PSAL,513,813,3,4  
KM,2901724,47,01/07/2015 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=40532904 ,PSAL,1,820,1,4  
KM,2901724,47,01/07/2015 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=40532904 ,PSAL,115,313,3,4  
KM,2901724,47,01/07/2015 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=40532904 ,PSAL,513,820,3,4  
KM,2901724,47,01/07/2015 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=40532904 ,PSAL,55,65,3,4  
KM,2901724,51,29/07/2015 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=40878628 ,PSAL,1,799,1,4  
KM,2901724,51,29/07/2015 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=40878628 ,PSAL,115,288,3,4  
KM,2901724,51,29/07/2015 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=40878628 ,PSAL,513,799,3,4  
KM,2901724,56,02/09/2015 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=41377286 ,PSAL,1,25,3,4  
KM,2901724,56,02/09/2015 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=41377286 ,PSAL,1,842,1,3  
KM,2901724,56,02/09/2015 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=41377286 ,PSAL,1,842,1,4  
KM,2901724,56,02/09/2015 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=41377286 ,PSAL,115,288,3,4  
KM,2901724,56,02/09/2015 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=41377286 ,PSAL,513,842,3,4  
KM,2901724,7,17/09/2014 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=34274358 ,PSAL,1,817,1,3  
KM,2901728,1,07/08/2014 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=33939057 ,PSAL,1,15,1,4  
KM,2901728,1,07/08/2014 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=33939057 ,PSAL,1522,1522,1,4  
KM,2901728,1,07/08/2014 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=33939057 ,PSAL,1526,1527,1,4  
KM,2901728,1,07/08/2014 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=33939057 ,PSAL,1533,1535,1,4  
KM,2901728,1,07/08/2014 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=33939057 ,PSAL,1538,1540,1,4  
KM,2901728,1,07/08/2014 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=33939057 ,PSAL,1564,1962,1,3  
KM,2901728,1,07/08/2014 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=33939057 ,PSAL,1564,1962,1,4  
KM,2901728,1,07/08/2014 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=33939057 ,PSAL,1564,1962,3,4  
KM,2901728,1,07/08/2014 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=33939057 ,PSAL,35,388,3,4  
KM,2901728,1,07/08/2014 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=33939057 ,PSAL,513,1513,3,4  
KM,2901728,1,07/08/2014 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=33939057 ,PSAL,888,1517,1,3  
KM,2901728,1,07/08/2014 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=33939057 ,PSAL,888,1517,1,4  
KM,2901737,82,23/12/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=51365655 ,PSAL,55.3,85.6,1,4  
KM,2901738,83,23/12/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=51365658 ,PSAL,55.4,115.1,1,4  
KM,2901750,21,25/12/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=51387934 ,PSAL,165,196,1,4  
KM,2901750,21,25/12/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=51387934 ,PSAL,238,413,1,4  
KM,2901750,21,25/12/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=51387934 ,PSAL,778,789,1,4

Example of anomalies:

Warning Objective Analysis Anomalies 2016 December TEMP PSAL : DAC KM- Float 2901712-123



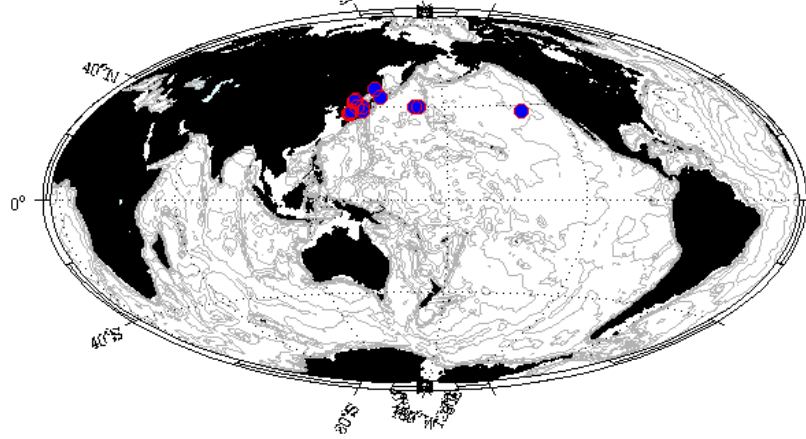
Warning Objective Analysis Anomalies 2016 December TEMP PSAL : DAC KM- Float 2901728-1



## 8. DAC KORDI

Profiles detected by the objective analysis: 19 anomalies (11 floats – float can have several cycles with anomalies)  
 Only 4 floats are concerned by the last monthly check with the objective analysis, the others are due to others analysis done for the years 2014 and 2015 (feedback from modelers).

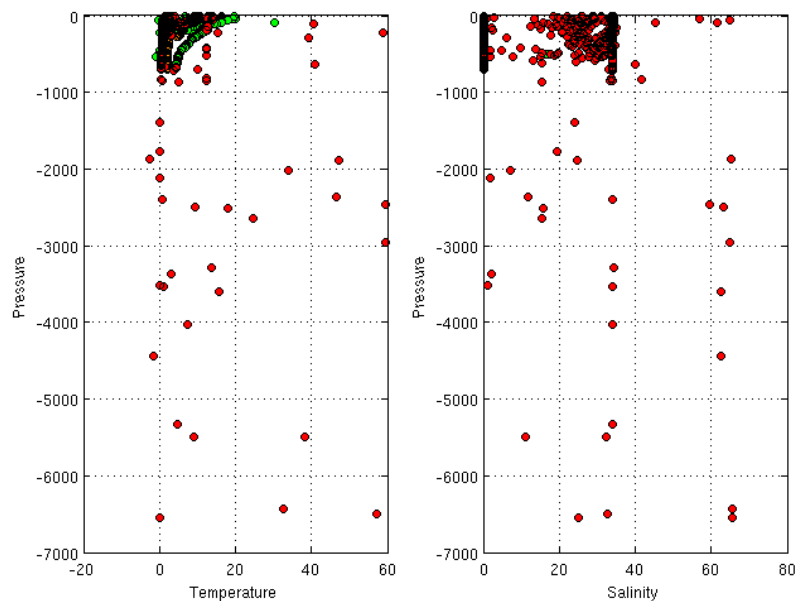
### Warning Objective Analysis Anomalies 2016 December



#### Status of corrections: Correction not done

Float : 2900209 - Cycle : 416 - PI : Moon-Sik Suk - Data mode : A - INST REF : APEX-SBE 667 - Date : 2014	1	22
Float : 2900209 - Cycle : 417 - PI : Moon-Sik Suk - Data mode : A - INST REF : APEX-SBE 667 - Date : 2014	2	1
Float : 2900209 - Cycle : 418 - PI : Moon-Sik Suk - Data mode : A - INST REF : APEX-SBE 667 - Date : 2014	2	11
Float : 2900450 - Cycle : 290 - PI : Moon-Sik Suk - Data mode : A - INST REF : APEX-SBE 3109 - Date : 2015	2	14
Float : 2900450 - Cycle : 332 - PI : Moon-Sik Suk - Data mode : A - INST REF : APEX-SBE 3109 - Date : 2016	4	9
Float : 2900450 - Cycle : 334 - PI : Moon-Sik Suk - Data mode : A - INST REF : APEX-SBE 3109 - Date : 2016	4	29
Float : 2900450 - Cycle : 335 - PI : Moon-Sik Suk - Data mode : A - INST REF : APEX-SBE 3109 - Date : 2016	5	9
Float : 2900612 - Cycle : 403 - PI : Moon-Sik Suk - Data mode : A - INST REF : APEX-SBE 2310 - Date : 2016	12	1
Float : 2900784 - Cycle : 315 - PI : Moon-Sik Suk - Data mode : A - INST REF : APEX-SBE 2487 - Date : 2015	1	29
Float : 2900784 - Cycle : 318 - PI : Moon-Sik Suk - Data mode : A - INST REF : APEX-SBE 2487 - Date : 2015	2	28
Float : 2900922 - Cycle : 261 - PI : Moon-Sik Suk - Data mode : A - INST REF : APEX-SBE 3436 - Date : 2014	11	2
Float : 2900922 - Cycle : 272 - PI : Moon-Sik Suk - Data mode : A - INST REF : APEX-SBE 3436 - Date : 2015	2	20
Float : 2900922 - Cycle : 273 - PI : Moon-Sik Suk - Data mode : A - INST REF : APEX-SBE 3436 - Date : 2015	3	2
Float : 2900922 - Cycle : 296 - PI : Moon-Sik Suk - Data mode : A - INST REF : APEX-SBE 3436 - Date : 2015	10	18
Float : 2900922 - Cycle : 312 - PI : Moon-Sik Suk - Data mode : A - INST REF : APEX-SBE 3436 - Date : 2016	3	26
Float : 2900922 - Cycle : 316 - PI : Moon-Sik Suk - Data mode : A - INST REF : APEX-SBE 3436 - Date : 2016	5	5
Float : 2901204 - Cycle : 273 - PI : Moon-Sik Suk - Data mode : A - INST REF : APEX-SBE 4079 - Date : 2016	4	4
Float : 2901206 - Cycle : 292 - PI : Moon-Sik Suk - Data mode : A - INST REF : APEX-SBE 4106 - Date : 2016	10	7
Float : 2901216 - Cycle : 259 - PI : Moon-Sik Suk - Data mode : A - INST REF : APEX-SBE 4340 - Date : 2016	12	2

### Warning Objective Analysis Anomalies 2016 December TEMP PSAL - DAC KO

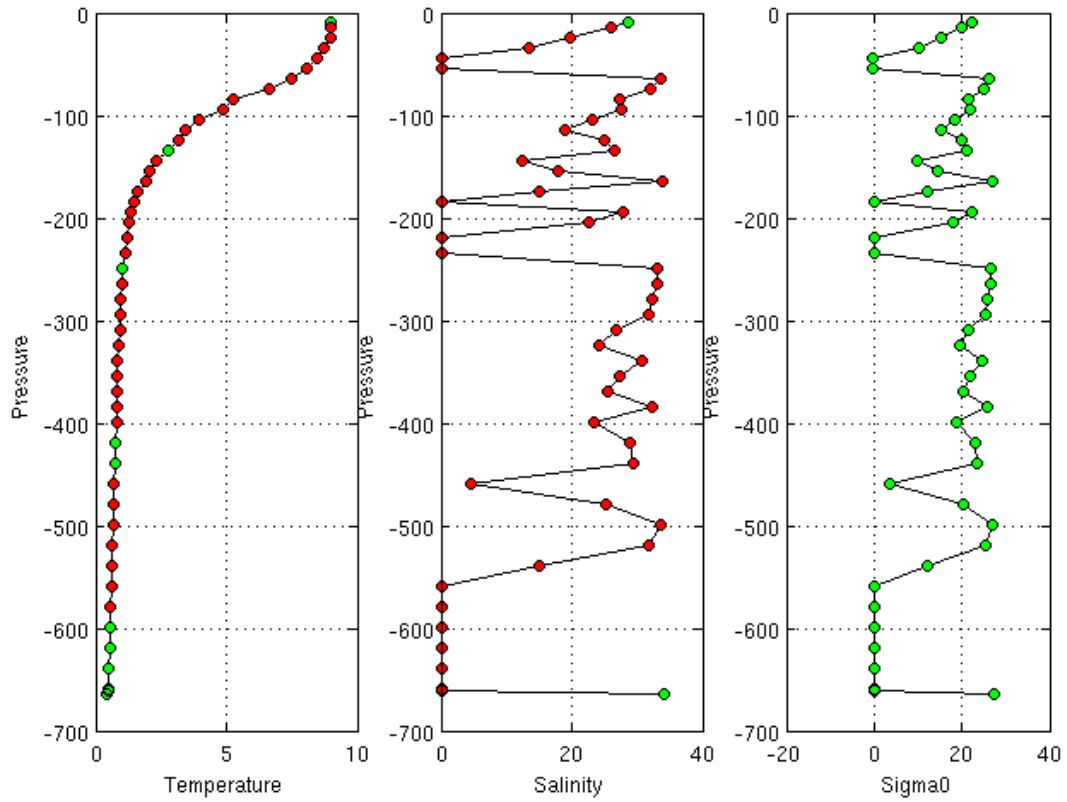




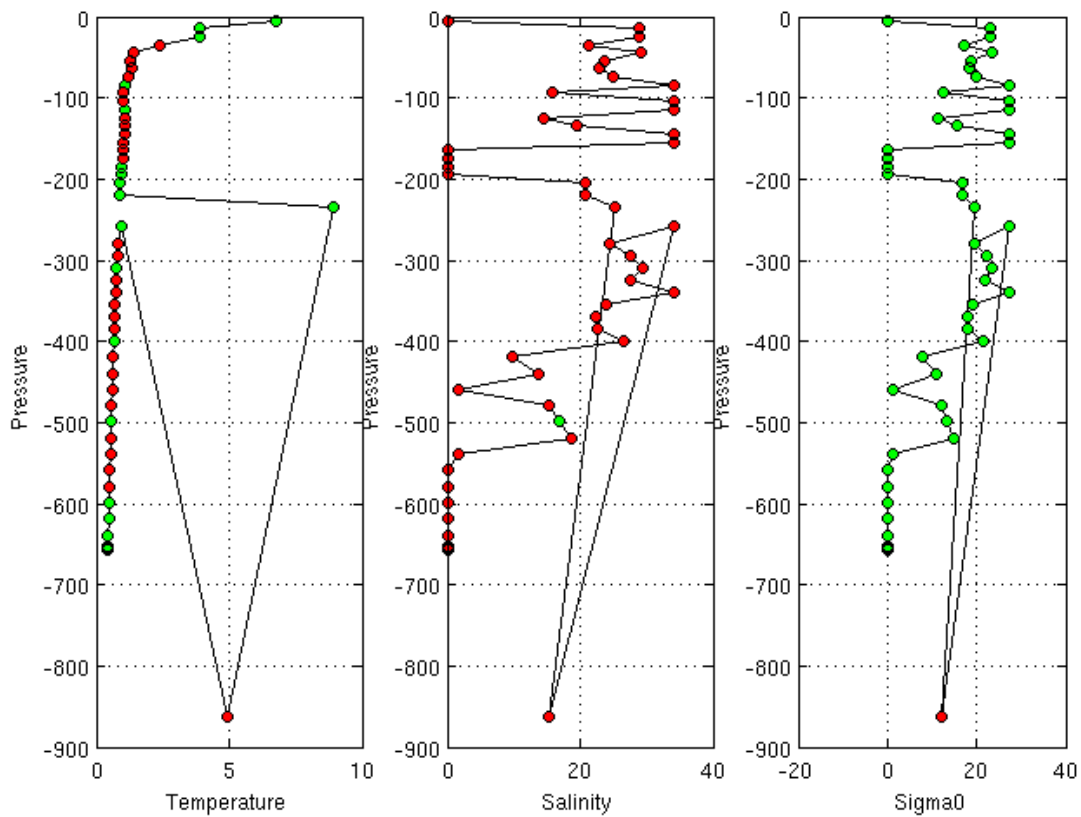
KO,2900784,318,04/03/2015 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=36151043 ,TEMP,134,419.1,3,1  
KO,2900784,318,04/03/2015 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=36151043 ,TEMP,4.7,44.2,3,1  
KO,2900784,318,04/03/2015 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=36151043 ,TEMP,539.1,678.9,3,1  
KO,2900784,318,04/03/2015 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=36151043 ,TEMP,74.2,84.6,3,1  
KO,2900784,318,04/03/2015 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=36151043 ,TEMP,94.4,94.4,1,4  
KO,2900784,318,04/03/2015 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=36151043 ,TEMP\_ADJUSTED,144.3,419.1,3,1  
KO,2900784,318,04/03/2015 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=36151043 ,TEMP\_ADJUSTED,4.7,34.4,3,1  
KO,2900784,318,04/03/2015 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=36151043 ,TEMP\_ADJUSTED,539.1,638.8,3,1  
KO,2900784,318,04/03/2015 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=36151043 ,TEMP\_ADJUSTED,74.2,84.6,3,1  
KO,2900784,318,04/03/2015 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=36151043 ,TEMP\_ADJUSTED,94.4,94.4,1,4  
KO,2900922,261,06/11/2014 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=34841146 ,PSAL,154.4,699.2,3,1  
KO,2900922,261,06/11/2014 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=34841146 ,PSAL\_ADJUSTED,154.4,699.2,3,1  
KO,2900922,261,06/11/2014 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=34841146 ,PSAL\_ADJUSTED,4.8,14,1,3  
KO,2900922,261,06/11/2014 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=34841146 ,PSAL\_ADJUSTED,4.8,14,1,4  
KO,2900922,261,06/11/2014 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=34841146 ,TEMP,154.4,219,3,1  
KO,2900922,261,06/11/2014 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=34841146 ,TEMP\_ADJUSTED,154.4,234.4,3,1  
KO,2900922,261,06/11/2014 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=34841146 ,TEMP\_ADJUSTED,21.1,21.1,1,3  
KO,2900922,261,06/11/2014 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=34841146 ,TEMP\_ADJUSTED,21.1,21.1,1,4  
KO,2900922,261,06/11/2014 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=34841146 ,TEMP\_ADJUSTED,4.8,14,1,3  
KO,2900922,261,06/11/2014 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=34841146 ,TEMP\_ADJUSTED,4.8,14,1,4  
KO,2900922,272,24/02/2015 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=36036114 ,TEMP\_ADJUSTED,459,459,1,4  
KO,2900922,273,06/03/2015 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=36208895 ,PSAL\_ADJUSTED,262.8,262.8,1,4  
KO,2900922,296,22/10/2015 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=42016993 ,TEMP\_ADJUSTED,47.1,47.1,1,4  
KO,2900922,312,30/03/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=43631002 ,PSAL\_ADJUSTED,4.5,4.5,1,4  
KO,2900922,316,09/05/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=44015070 ,PSAL\_ADJUSTED,219.4,219.4,1,4  
KO,2901204,273,07/04/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=43757073 ,PSAL\_ADJUSTED,0,0,1,4  
KO,2901204,273,07/04/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=43757073 ,PSAL\_ADJUSTED,426.7,426.7,1,4  
KO,2901204,273,07/04/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=43757073 ,TEMP\_ADJUSTED,0,0,1,4  
KO,2901204,273,07/04/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=43757073 ,TEMP\_ADJUSTED,426.7,426.7,1,4  
KO,2901206,292,11/10/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=45445587 ,PSAL\_ADJUSTED,26.8,26.8,1,4  
KO,2901206,292,11/10/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=45445587 ,TEMP\_ADJUSTED,219,219,1,4  
KO,2901216,259,05/12/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=51222464 ,TEMP\_ADJUSTED,198.8,198.8,3,4

Example of anomalies:

Warning Objective Analysis Anomalies 2016 December TEMP PSAL : DAC KO- Float 2900209-418

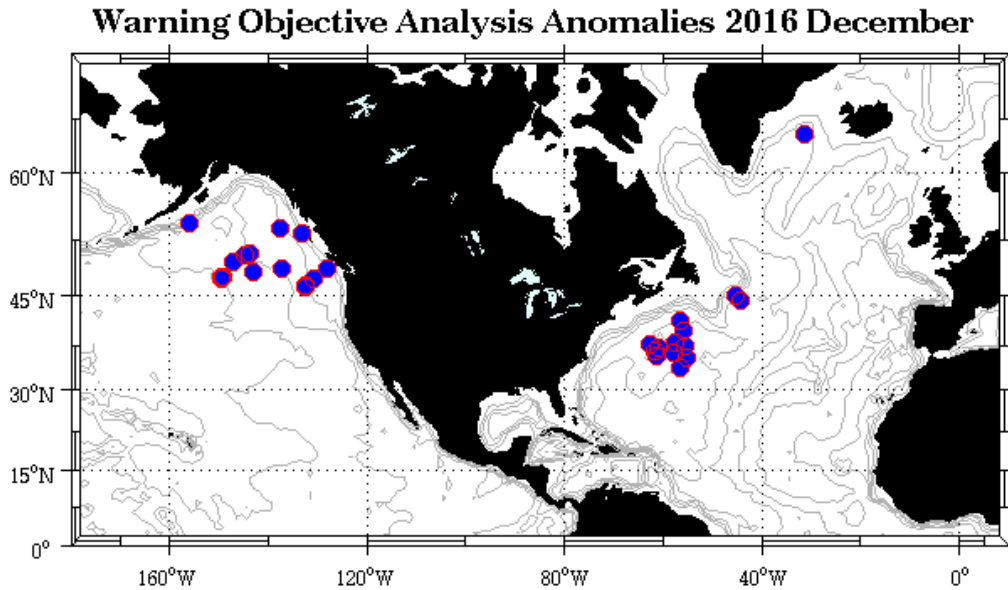


Warning Objective Analysis Anomalies 2016 December TEMP PSAL : DAC KO- Float 2900450-335



## 9. DAC MEDS

Profiles detected by the objective analysis: 31 anomalies (16 floats – float can have several cycles with anomalies)  
Only 6 floats are concerned by the last monthly check with the objective analysis, the others are due to others analysis done for the years 2014 and 2015 (feedback from modelers).

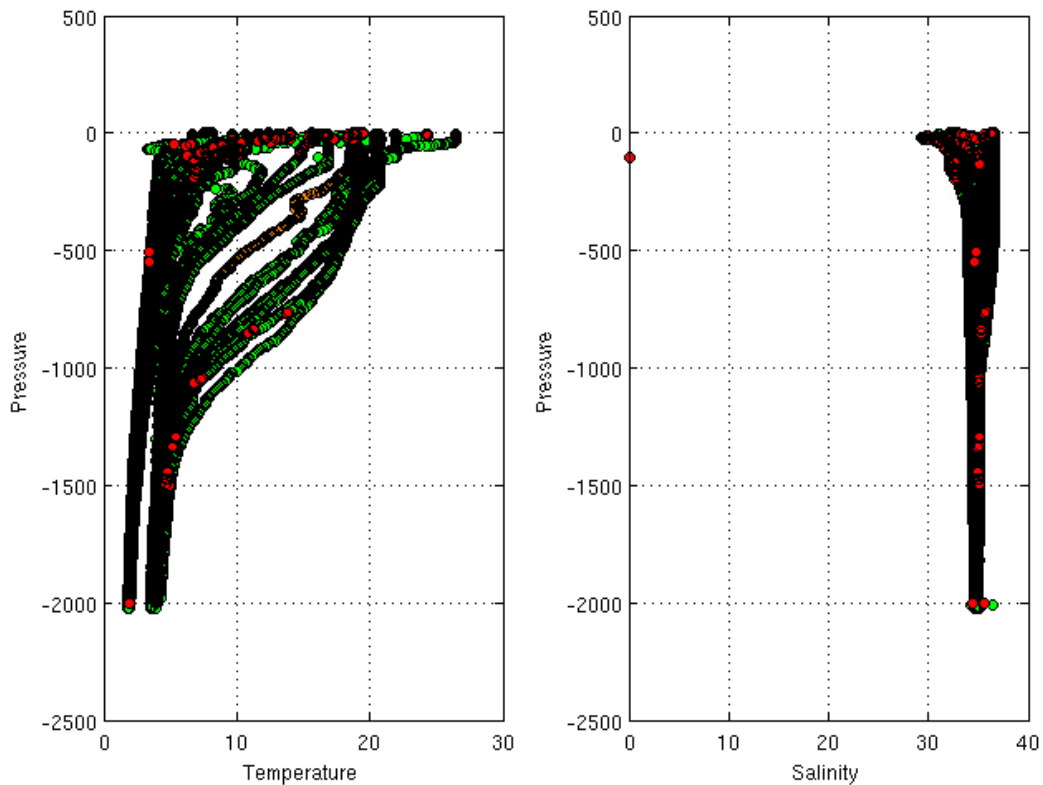


### **Status of corrections: Correction not done, no feedback**

Float : 4901133 - Cycle : 199 - PI : Blair Greenan - Data mode : A - INST REF : - Date : 2014	10	23
Float : 4901180 - Cycle : 92 - PI : Blair Greenan - Data mode : A - INST REF : - Date : 2015	1	25
Float : 4901180 - Cycle : 112 - PI : Blair Greenan - Data mode : A - INST REF : - Date : 2015	8	13
Float : 4901188 - Cycle : 154 - PI : Blair Greenan - Data mode : A - INST REF : - Date : 2016	10	6
Float : 4901188 - Cycle : 156 - PI : Blair Greenan - Data mode : A - INST REF : - Date : 2016	10	26
Float : 4901188 - Cycle : 159 - PI : Blair Greenan - Data mode : A - INST REF : - Date : 2016	11	25
Float : 4901188 - Cycle : 160 - PI : Blair Greenan - Data mode : A - INST REF : - Date : 2016	12	5
Float : 4901188 - Cycle : 161 - PI : Blair Greenan - Data mode : A - INST REF : - Date : 2016	12	15
Float : 4901199 - Cycle : 51 - PI : Blair Greenan - Data mode : A - INST REF : - Date : 2014	3	2
Float : 4901199 - Cycle : 52 - PI : Blair Greenan - Data mode : A - INST REF : - Date : 2014	3	12
Float : 4901199 - Cycle : 53 - PI : Blair Greenan - Data mode : A - INST REF : - Date : 2014	3	22
Float : 4901199 - Cycle : 55 - PI : Blair Greenan - Data mode : A - INST REF : - Date : 2014	4	10
Float : 4901733 - Cycle : 73 - PI : Blair Greenan - Data mode : A - INST REF : - Date : 2015	7	8
Float : 4901735 - Cycle : 117 - PI : Blair Greenan - Data mode : A - INST REF : - Date : 2016	9	20
Float : 4901740 - Cycle : 56 - PI : Blair Greenan - Data mode : A - INST REF : - Date : 2014	12	23
Float : 4901745 - Cycle : 42 - PI : Blair Greenan - Data mode : A - INST REF : - Date : 2014	7	18
Float : 4901745 - Cycle : 47 - PI : Blair Greenan - Data mode : A - INST REF : - Date : 2014	9	6
Float : 4901755 - Cycle : 95 - PI : Blair Greenan - Data mode : A - INST REF : - Date : 2015	12	31
Float : 4901755 - Cycle : 97 - PI : Blair Greenan - Data mode : A - INST REF : - Date : 2016	1	20
Float : 4901755 - Cycle : 100 - PI : Blair Greenan - Data mode : A - INST REF : - Date : 2016	2	19
Float : 4901755 - Cycle : 122 - PI : Blair Greenan - Data mode : A - INST REF : - Date : 2016	9	26
Float : 4901755 - Cycle : 129 - PI : Blair Greenan - Data mode : A - INST REF : - Date : 2016	12	5
Float : 4901755 - Cycle : 131 - PI : Blair Greenan - Data mode : A - INST REF : - Date : 2016	12	25
Float : 4901765 - Cycle : 12 - PI : Blair Greenan - Data mode : A - INST REF : - Date : 2014	8	14
Float : 4901768 - Cycle : 26 - PI : Blair Greenan - Data mode : A - INST REF : - Date : 2015	5	10
Float : 4901769 - Cycle : 23 - PI : Blair Greenan - Data mode : A - INST REF : - Date : 2014	10	10
Float : 4901772 - Cycle : 51 - PI : Blair Greenan - Data mode : A - INST REF : - Date : 2016	11	26
Float : 4901772 - Cycle : 52 - PI : Blair Greenan - Data mode : A - INST REF : - Date : 2016	12	6
Float : 4901775 - Cycle : 21 - PI : Blair Greenan - Data mode : A - INST REF : - Date : 2016	9	11
Float : 4901777 - Cycle : 53 - PI : Blair Greenan - Data mode : A - INST REF : - Date : 2016	12	20
Float : 4901795 - Cycle : 35 - PI : Blair Greenan - Data mode : A - INST REF : - Date : 2016	6	21



## Warning Objective Analysis Anomalies 2016 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,4901133,199,25/11/2015 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=34559343> ,PSAL,130.1,1904.7,3,1  
 ME,4901133,199,25/11/2015 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=34559343> ,PSAL\_ADJUSTED,130.1,1904.7,3,1  
 ME,4901133,199,25/11/2015 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=34559343> ,TEMP,130.1,1904.7,3,1  
 ME,4901133,199,25/11/2015 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=34559343> ,TEMP\_ADJUSTED,130.1,1904.7,3,1  
 ME,4901180,112,23/11/2015 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=41377308> ,PSAL,29.9,29.9,1,4  
 ME,4901180,112,23/11/2015 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=41377308> ,PSAL\_ADJUSTED,29.9,29.9,1,4  
 ME,4901180,92,30/11/2015 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=35766550> ,PSAL,-1,459.5,1,3  
 ME,4901180,92,30/11/2015 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=35766550> ,PSAL,501.6,504.9,1,3  
 ME,4901180,92,30/11/2015 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=35766550> ,PSAL,554.9,1990.6,1,3  
 ME,4901180,92,30/11/2015 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=35766550> ,PSAL\_ADJUSTED,-1,504.9,1,3  
 ME,4901180,92,30/11/2015 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=35766550> ,PSAL\_ADJUSTED,554.9,1990.6,1,3  
 ME,4901188,154,06/10/2016 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=45427758> ,PSAL,-1,1988.1,1,3  
 ME,4901188,156,26/10/2016 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=45584612> ,PSAL,-3,1995.1,3  
 ME,4901188,159,25/11/2016 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=51174661> ,PSAL,-2,1978.1,1,3  
 ME,4901188,159,25/11/2016 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=51174661> ,PSAL,-2,1990.3,1,3  
 ME,4901188,159,25/11/2016 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=51174661> ,PSAL\_ADJUSTED,-2,1990.3,1,3  
 ME,4901188,160,05/12/2016 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=51239130> ,PSAL,0,1989.7,1,3  
 ME,4901188,160,05/12/2016 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=51239130> ,PSAL\_ADJUSTED,0,1989.7,1,3  
 ME,4901188,161,15/12/2016 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=51318017> ,PSAL,0,1994.9,1,3  
 ME,4901188,161,15/12/2016 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=51318017> ,PSAL\_ADJUSTED,0,1994.9,1,3  
 ME,4901199,51,30/11/2015 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=32508999> ,PSAL,-2,1995.1,4,3  
 ME,4901199,51,30/11/2015 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=32508999> ,PSAL\_ADJUSTED,11.1,1995.1,1,3  
 ME,4901199,52,30/11/2015 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=32596050> ,PSAL,-2,1999.8,4,3  
 ME,4901199,52,30/11/2015 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=32596050> ,PSAL\_ADJUSTED,10.5,1999.8,1,3  
 ME,4901199,53,30/11/2015 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=32661118> ,PSAL,0,2000.2,4,3  
 ME,4901199,53,30/11/2015 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=32661118> ,PSAL\_ADJUSTED,9.7,2000.2,1,3  
 ME,4901199,55,30/11/2015 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=32814369> ,PSAL,-2,1979,1,3  
 ME,4901199,55,30/11/2015 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=32814369> ,PSAL\_ADJUSTED,-2,1979,1,3  
 ME,4901733,73,02/09/2015 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=40639373> ,PSAL,2.1,11,1,4  
 ME,4901733,73,02/09/2015 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=40639373> ,PSAL\_ADJUSTED,2.1,11,1,4  
 ME,4901735,117,20/09/2016 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=45263123> ,PSAL\_ADJUSTED,34,34,1,3  
 ME,4901740,56,30/11/2015 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=35498484> ,PSAL,2.2,1200.2,4,3  
 ME,4901740,56,30/11/2015 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=35498484> ,PSAL\_ADJUSTED,102.5,1200.2,1,3  
 ME,4901740,56,30/11/2015 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=35498484> ,PSAL\_ADJUSTED,12,18.1,1,3  
 ME,4901740,56,30/11/2015 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=35498484> ,PSAL\_ADJUSTED,2.2,2.2,1,3  
 ME,4901740,56,30/11/2015 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=35498484> ,PSAL\_ADJUSTED,20,20,1,3

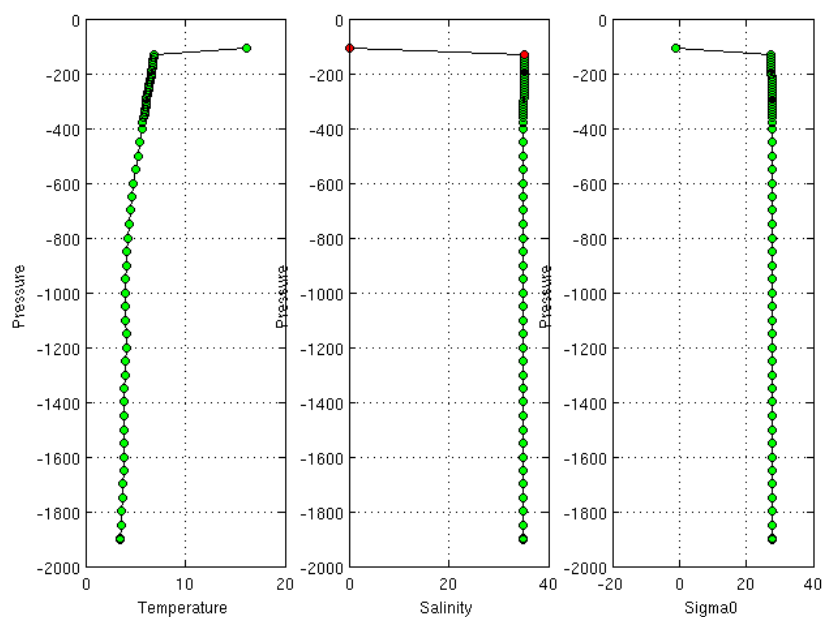




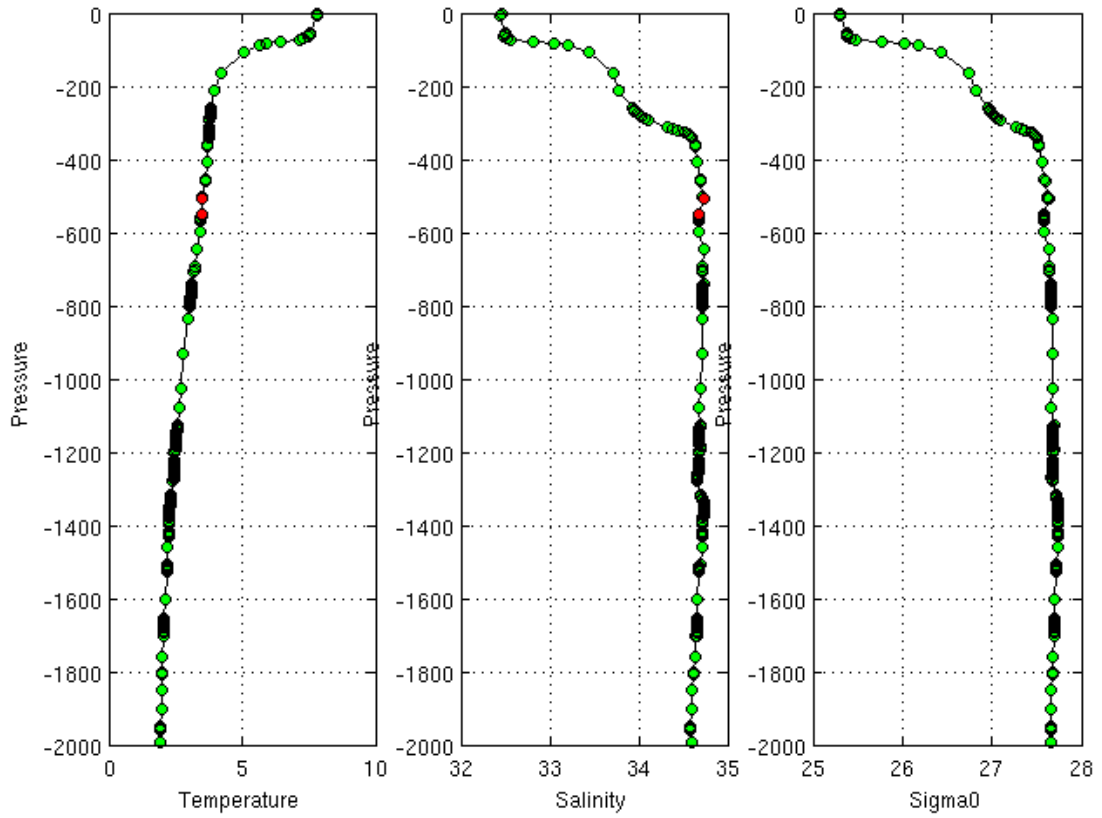
ME,4901769,23,30/11/2015 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=34417845 ,PSAL,30,31,1,4  
 ME,4901769,23,30/11/2015 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=34417845 ,PSAL,33.9,39.1,1,4  
 ME,4901769,23,30/11/2015 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=34417845 ,PSAL,42,51.1,1,4  
 ME,4901769,23,30/11/2015 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=34417845 ,PSAL,5,10,1,3  
 ME,4901769,23,30/11/2015 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=34417845 ,PSAL,53,58,1,4  
 ME,4901769,23,30/11/2015 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=34417845 ,PSAL,61,83,1,4  
 ME,4901769,23,30/11/2015 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=34417845 ,PSAL,88,105,1,4  
 ME,4901769,23,30/11/2015 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=34417845 ,PSAL\_ADJUSTED,112.6,115,1,4  
 ME,4901769,23,30/11/2015 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=34417845 ,PSAL\_ADJUSTED,122.5,122.5,1,4  
 ME,4901769,23,30/11/2015 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=34417845 ,PSAL\_ADJUSTED,130,147.5,1,4  
 ME,4901769,23,30/11/2015 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=34417845 ,PSAL\_ADJUSTED,155,155,1,4  
 ME,4901769,23,30/11/2015 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=34417845 ,PSAL\_ADJUSTED,162.5,172.5,1,4  
 ME,4901769,23,30/11/2015 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=34417845 ,PSAL\_ADJUSTED,179.9,187.4,1,4  
 ME,4901769,23,30/11/2015 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=34417845 ,PSAL\_ADJUSTED,19,19,1,4  
 ME,4901769,23,30/11/2015 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=34417845 ,PSAL\_ADJUSTED,195,195,1,4  
 ME,4901769,23,30/11/2015 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=34417845 ,PSAL\_ADJUSTED,2.1,2.1,1,3  
 ME,4901769,23,30/11/2015 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=34417845 ,PSAL\_ADJUSTED,21,23.1,1,4  
 ME,4901769,23,30/11/2015 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=34417845 ,PSAL\_ADJUSTED,27,27,1,4  
 ME,4901769,23,30/11/2015 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=34417845 ,PSAL\_ADJUSTED,30,31,1,4  
 ME,4901769,23,30/11/2015 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=34417845 ,PSAL\_ADJUSTED,33.9,39.1,1,4  
 ME,4901769,23,30/11/2015 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=34417845 ,PSAL\_ADJUSTED,42,51.1,1,4  
 ME,4901769,23,30/11/2015 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=34417845 ,PSAL\_ADJUSTED,5,10,1,3  
 ME,4901769,23,30/11/2015 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=34417845 ,PSAL\_ADJUSTED,53,58,1,4  
 ME,4901769,23,30/11/2015 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=34417845 ,PSAL\_ADJUSTED,61,83,1,4  
 ME,4901769,23,30/11/2015 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=34417845 ,PSAL\_ADJUSTED,88,105,1,4  
 ME,4901772,51,26/11/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=51174685 ,PSAL,61,61,1,3  
 ME,4901772,51,26/11/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=51174685 ,PSAL,63,63,1,3  
 ME,4901772,51,26/11/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=51174685 ,PSAL,81,81,1,3  
 ME,4901772,52,06/12/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=51241966 ,PSAL,2.2,2020.4,1,3  
 ME,4901772,52,06/12/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=51241966 ,PSAL\_ADJUSTED,2.2,2020.4,1,3  
 ME,4901775,21,11/09/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=45188690 ,PSAL\_ADJUSTED,2.1,2020.1,1,1  
 ME,4901775,21,11/09/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=45188690 ,PSAL\_ADJUSTED,2.1,2020.1,3,1  
 ME,4901777,53,20/12/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=51344674 ,PSAL,2.1,2020.2,1,3  
 ME,4901777,53,20/12/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=51344674 ,PSAL\_ADJUSTED,2.1,2020.2,1,3  
 ME,4901795,35,21/06/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=44408700 ,PSAL\_ADJUSTED,2011.3,2011.3,1,4

Example of anomalies:

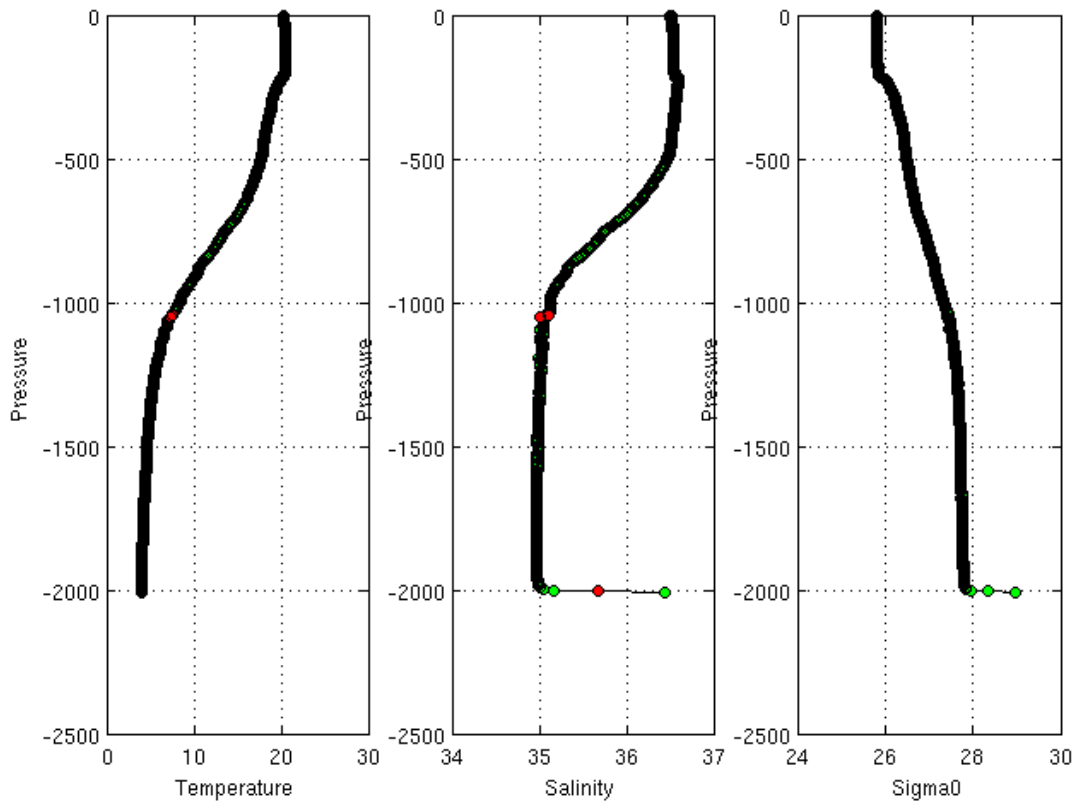
Warning Objective Analysis Anomalies 2016 December TEMP PSAL : DAC ME- Float 4901133-199



Warning Objective Analysis Anomalies 2016 December TEMP PSAL : DAC ME- Float 4901180-92



Warning Objective Analysis Anomalies 2016 December TEMP PSAL : DAC ME- Float 4901755-100



## 10. DAC NMDIS

Profiles detected by the objective analysis: 0

**Status of corrections:**

Example of anomalies:

## 11. File anomalies (GDAC – Real time)

For information, on the GDAC for some floats, some netcdf files are missing. Sometimes this is not an anomaly (float has been deployed but no transmission of data then only meta file is available) but for other cases it could be an anomaly so please check.

I removed all the floats for which the missing netcdf files are not due to an anomaly. For instance, I removed all the floats for which only meta.nc file is generated or only meta.nc and tech.nc files are generated. If you think that others associations have to be removed for technical reasons, let me know.

### 11.1. AOML

#### GDAC (missing nc files)

For some floats :

- tech.nc and/or traj.nc are missing (meta.nc and prof.nc files existing)
- multiprof.nc is missing (no profiles but tech, traj, meta exist)
- only meta file (no monopofile, no trajectory, no technical file)

See below the list of floats with existing nc files :

**DAC name : aoml - Number of floats : 6204**

1900167 - Existing nc files

File : 1900167\_meta.nc - 1900167\_prof.nc -

1900168 - Existing nc files

File : 1900168\_meta.nc - 1900168\_prof.nc -

1900189 - Existing nc files

File : 1900189\_Rtraj.nc - 1900189\_meta.nc - 1900189\_tech.nc

-

1900244 - Existing nc files

File : 1900244\_meta.nc - 1900244\_prof.nc -

1900245 - Existing nc files

File : 1900245\_meta.nc - 1900245\_prof.nc -

1900255 - Existing nc files

File : 1900255\_meta.nc - 1900255\_prof.nc -

1900257 - Existing nc files

File : 1900257\_meta.nc - 1900257\_prof.nc -

1900748 - Existing nc files

File : 1900748\_Rtraj.nc - 1900748\_meta.nc - 1900748\_tech.nc

-

1900751 - Existing nc files

File : 1900751\_Rtraj.nc - 1900751\_meta.nc - 1900751\_tech.nc

-

1900831 - Existing nc files

File : 1900831\_Rtraj.nc - 1900831\_meta.nc - 1900831\_tech.nc

-

1901519 - Existing nc files

File : 1901519\_Rtraj.nc - 1901519\_meta.nc - 1901519\_prof.nc

-

1901658 - Existing nc files

File : 1901658\_Rtraj.nc - 1901658\_meta.nc - 1901658\_tech.nc

-

2901106 - Existing nc files

File : 2901106\_Rtraj.nc - 2901106\_meta.nc - 2901106\_tech.nc

-

3900148 - Existing nc files

File : 3900148\_meta.nc - 3900148\_prof.nc -

3900160 - Existing nc files

File : 3900160\_Rtraj.nc - 3900160\_meta.nc - 3900160\_tech.nc

-

39029 - Existing nc files

File : 39029\_Rtraj.nc - 39029\_meta.nc - 39029\_tech.nc -

41534 - Existing nc files

File : 41534\_Rtraj.nc - 41534\_meta.nc - 41534\_tech.nc -

4900228 - Existing nc files

File : 4900228\_meta.nc - 4900228\_prof.nc -

4900229 - Existing nc files

File : 4900229\_meta.nc - 4900229\_prof.nc -

4900230 - Existing nc files

File : 4900230\_meta.nc - 4900230\_prof.nc -

4900268 - Existing nc files

File : 4900268\_meta.nc - 4900268\_prof.nc -  
4900269 - Existing nc files  
File : 4900269\_meta.nc - 4900269\_prof.nc -  
4900270 - Existing nc files  
File : 4900270\_meta.nc - 4900270\_prof.nc -  
4900271 - Existing nc files  
File : 4900271\_meta.nc - 4900271\_prof.nc -  
4900272 - Existing nc files  
File : 4900272\_meta.nc - 4900272\_prof.nc -  
4900273 - Existing nc files  
File : 4900273\_meta.nc - 4900273\_prof.nc -  
4900287 - Existing nc files  
File : 4900287\_Rtraj.nc - 4900287\_meta.nc - 4900287\_tech.nc  
-  
4900358 - Existing nc files  
File : 4900358\_meta.nc - 4900358\_prof.nc -  
4900361 - Existing nc files  
File : 4900361\_meta.nc - 4900361\_prof.nc -  
4900366 - Existing nc files  
File : 4900366\_meta.nc - 4900366\_prof.nc -  
4900367 - Existing nc files  
File : 4900367\_meta.nc - 4900367\_prof.nc -  
4900382 - Existing nc files  
File : 4900382\_meta.nc - 4900382\_prof.nc -  
4900383 - Existing nc files  
File : 4900383\_meta.nc - 4900383\_prof.nc -  
4900385 - Existing nc files  
File : 4900385\_meta.nc - 4900385\_prof.nc -  
4900426 - Existing nc files  
File : 4900426\_meta.nc - 4900426\_prof.nc -  
4900427 - Existing nc files  
File : 4900427\_meta.nc - 4900427\_prof.nc -  
4900428 - Existing nc files  
File : 4900428\_meta.nc - 4900428\_prof.nc -  
4900550 - Existing nc files  
File : 4900550\_Rtraj.nc - 4900550\_meta.nc - 4900550\_tech.nc  
-  
4900583 - Existing nc files  
File : 4900583\_Rtraj.nc - 4900583\_meta.nc - 4900583\_tech.nc  
-  
4900779 - Existing nc files  
File : 4900779\_Rtraj.nc - 4900779\_meta.nc - 4900779\_tech.nc  
-  
4901485 - Existing nc files  
File : 4901485\_Rtraj.nc - 4901485\_meta.nc - 4901485\_tech.nc  
-  
4901537 - Existing nc files  
File : 4901537\_Rtraj.nc - 4901537\_meta.nc - 4901537\_tech.nc  
-  
4901560 - Existing nc files  
File : 4901560\_Rtraj.nc - 4901560\_meta.nc - 4901560\_tech.nc  
-  
4901575 - Existing nc files  
File : 4901575\_Rtraj.nc - 4901575\_meta.nc - 4901575\_tech.nc  
-  
4901577 - Existing nc files  
File : 4901577\_Rtraj.nc - 4901577\_meta.nc - 4901577\_tech.nc  
-  
5900253 - Existing nc files  
File : 5900253\_Rtraj.nc - 5900253\_meta.nc - 5900253\_tech.nc  
-  
5900637 - Existing nc files  
File : 5900637\_Rtraj.nc - 5900637\_meta.nc - 5900637\_tech.nc  
-  
5900765 - Existing nc files  
File : 5900765\_Rtraj.nc - 5900765\_meta.nc - 5900765\_tech.nc  
-  
5900892 - Existing nc files  
File : 5900892\_Rtraj.nc - 5900892\_meta.nc - 5900892\_tech.nc  
-  
5901006 - Existing nc files  
File : 5901006\_Rtraj.nc - 5901006\_meta.nc - 5901006\_tech.nc  
-  
5901082 - Existing nc files  
File : 5901082\_Rtraj.nc - 5901082\_meta.nc - 5901082\_tech.nc  
-  
5901732 - Existing nc files  
File : 5901732\_Rtraj.nc - 5901732\_meta.nc - 5901732\_tech.nc  
-  
5903296 - Existing nc files  
File : 5903296\_meta.nc - 5903296\_tech.nc -  
5903442 - Existing nc files  
File : 5903442\_Rtraj.nc - 5903442\_meta.nc - 5903442\_tech.nc  
-  
5904014 - Existing nc files  
File : 5904014\_Rtraj.nc - 5904014\_meta.nc - 5904014\_tech.nc  
-  
5904097 - Existing nc files  
File : 5904097\_Rtraj.nc - 5904097\_meta.nc - 5904097\_tech.nc  
-  
5904282 - Existing nc files



File : 5904282\_Rtraj.nc - 5904282\_meta.nc - 5904282\_tech.nc

-

5904838 - Existing nc files

File : 5904838\_meta.nc - 5904838\_prof.nc -

5904839 - Existing nc files

File : 5904839\_meta.nc - 5904839\_prof.nc -

5904840 - Existing nc files

File : 5904840\_meta.nc - 5904840\_prof.nc -

5905067 - Existing nc files

File : 5905067\_meta.nc - 5905067\_tech.nc -

5905068 - Existing nc files

File : 5905068\_meta.nc - 5905068\_tech.nc -

6900417 - Existing nc files

File : 6900417\_Rtraj.nc - 6900417\_meta.nc - 6900417\_prof.nc

### **Files in real time :**

**aoml - R5904488\_210.nc - A profile date-time is not defined, location not defined but right QC on those parameters – If JULD missing, put QC 9 ? or put position\_qc=4 ? but be consistent**

```
JULD = _ _ ;  
JULD_QC = "44" ;  
JULD_LOCATION = _ _ ;  
LATITUDE = _ _ ;  
LONGITUDE = _ _ ;  
POSITION_QC = "99" ;
```

**aoml - R3901171\_044.nc - A profile date-time is not defined, location not defined but right QC on those parameters – If JULD missing, put QC 9 ? or put position\_qc=4 ? but be consistent**

```
JULD = _ _ ;  
JULD_QC = "4" ;  
JULD_LOCATION = _ _ ;  
LATITUDE = _ _ ;  
LONGITUDE = _ _ ;  
POSITION_QC = "9" ;
```

## **11.2. BODC**

### **GDAC (missing nc files)**

**For some floats :**

- tech.nc and/or traj.nc are missing (meta.nc and prof.nc files existing)
- only meta and/or tech files (no monopprofile, no trajectory)

**See below the list of floats with existing nc files :**

**DAC name : bodc - Number of floats : 547**

1901312 - Existing nc files

File : 1901312\_meta.nc - 1901312\_prof.nc - 1901312\_tech.nc -

1901844 - Existing nc files

File : 1901844\_meta.nc - 1901844\_prof.nc - 1901844\_tech.nc -

1901845 - Existing nc files

File : 1901845\_meta.nc - 1901845\_prof.nc - 1901845\_tech.nc -

1901846 - Existing nc files

File : 1901846\_meta.nc - 1901846\_prof.nc - 1901846\_tech.nc -

1901847 - Existing nc files

File : 1901847\_meta.nc - 1901847\_prof.nc - 1901847\_tech.nc -

1901848 - Existing nc files

File : 1901848\_meta.nc - 1901848\_prof.nc - 1901848\_tech.nc -

1901849 - Existing nc files  
File : 1901849\_meta.nc - 1901849\_prof.nc - 1901849\_tech.nc -

1901850 - Existing nc files  
File : 1901850\_meta.nc - 1901850\_prof.nc - 1901850\_tech.nc -

1901851 - Existing nc files  
File : 1901851\_meta.nc - 1901851\_prof.nc - 1901851\_tech.nc -

1901852 - Existing nc files  
File : 1901852\_meta.nc - 1901852\_prof.nc - 1901852\_tech.nc -

1901853 - Existing nc files  
File : 1901853\_meta.nc - 1901853\_prof.nc - 1901853\_tech.nc -

1901854 - Existing nc files  
File : 1901854\_meta.nc - 1901854\_prof.nc - 1901854\_tech.nc -

1901855 - Existing nc files  
File : 1901855\_meta.nc - 1901855\_prof.nc - 1901855\_tech.nc -

1901856 - Existing nc files  
File : 1901856\_meta.nc - 1901856\_prof.nc - 1901856\_tech.nc -

1901857 - Existing nc files  
File : 1901857\_meta.nc - 1901857\_prof.nc - 1901857\_tech.nc -

1901858 - Existing nc files  
File : 1901858\_meta.nc - 1901858\_prof.nc - 1901858\_tech.nc -

1901859 - Existing nc files  
File : 1901859\_meta.nc - 1901859\_prof.nc - 1901859\_tech.nc -

1901860 - Existing nc files  
File : 1901860\_meta.nc - 1901860\_prof.nc - 1901860\_tech.nc -

1901861 - Existing nc files  
File : 1901861\_meta.nc - 1901861\_prof.nc - 1901861\_tech.nc -

1901862 - Existing nc files  
File : 1901862\_meta.nc - 1901862\_prof.nc - 1901862\_tech.nc -

1901863 - Existing nc files  
File : 1901863\_meta.nc - 1901863\_prof.nc - 1901863\_tech.nc -

1901864 - Existing nc files  
File : 1901864\_meta.nc - 1901864\_prof.nc - 1901864\_tech.nc -

1901865 - Existing nc files  
File : 1901865\_meta.nc - 1901865\_prof.nc - 1901865\_tech.nc -

1901871 - Existing nc files  
File : 1901871\_meta.nc - 1901871\_prof.nc - 1901871\_tech.nc -

1901872 - Existing nc files  
File : 1901872\_meta.nc - 1901872\_prof.nc - 1901872\_tech.nc -

2901899 - Existing nc files  
File : 2901899\_meta.nc - 2901899\_prof.nc - 2901899\_tech.nc -

2901900 - Existing nc files  
File : 2901900\_meta.nc - 2901900\_prof.nc - 2901900\_tech.nc -

3900538 - Existing nc files  
File : 3900538\_meta.nc - 3900538\_prof.nc - 3900538\_tech.nc -

3900559 - Existing nc files  
File : 3900559\_meta.nc - 3900559\_prof.nc - 3900559\_tech.nc -

3900560 - Existing nc files  
File : 3900560\_meta.nc - 3900560\_prof.nc - 3900560\_tech.nc -

3901488 - Existing nc files  
File : 3901488\_meta.nc - 3901488\_prof.nc - 3901488\_tech.nc -

3901489 - Existing nc files  
File : 3901489\_meta.nc - 3901489\_prof.nc - 3901489\_tech.nc -

3901490 - Existing nc files  
File : 3901490\_meta.nc - 3901490\_prof.nc - 3901490\_tech.nc -

3901491 - Existing nc files  
File : 3901491\_meta.nc - 3901491\_prof.nc - 3901491\_tech.nc -

3901492 - Existing nc files  
File : 3901492\_meta.nc - 3901492\_prof.nc - 3901492\_tech.nc -

3901493 - Existing nc files  
File : 3901493\_meta.nc - 3901493\_prof.nc - 3901493\_tech.nc -

3901494 - Existing nc files  
File : 3901494\_meta.nc - 3901494\_prof.nc - 3901494\_tech.nc -

3901495 - Existing nc files  
File : 3901495\_meta.nc - 3901495\_prof.nc - 3901495\_tech.nc -

3901499 - Existing nc files  
File : 3901499\_meta.nc - 3901499\_prof.nc - 3901499\_tech.nc -

3901500 - Existing nc files  
File : 3901500\_meta.nc - 3901500\_prof.nc - 3901500\_tech.nc -

3901501 - Existing nc files  
File : 3901501\_meta.nc - 3901501\_prof.nc - 3901501\_tech.nc -

3901502 - Existing nc files  
File : 3901502\_meta.nc - 3901502\_prof.nc - 3901502\_tech.nc -

3901503 - Existing nc files  
File : 3901503\_meta.nc - 3901503\_prof.nc - 3901503\_tech.nc -

3901504 - Existing nc files  
File : 3901504\_meta.nc - 3901504\_prof.nc - 3901504\_tech.nc -

3901505 - Existing nc files  
File : 3901505\_meta.nc - 3901505\_prof.nc - 3901505\_tech.nc -

3901506 - Existing nc files  
File : 3901506\_meta.nc - 3901506\_prof.nc - 3901506\_tech.nc -

3901507 - Existing nc files  
File : 3901507\_meta.nc - 3901507\_prof.nc - 3901507\_tech.nc -

3901508 - Existing nc files  
File : 3901508\_meta.nc - 3901508\_prof.nc - 3901508\_tech.nc -

3901509 - Existing nc files  
File : 3901509\_meta.nc - 3901509\_prof.nc - 3901509\_tech.nc -

3901510 - Existing nc files  
File : 3901510\_meta.nc - 3901510\_prof.nc - 3901510\_tech.nc -

3901511 - Existing nc files  
File : 3901511\_meta.nc - 3901511\_prof.nc - 3901511\_tech.nc -

3901512 - Existing nc files  
File : 3901512\_meta.nc - 3901512\_prof.nc - 3901512\_tech.nc -

3901513 - Existing nc files  
File : 3901513\_meta.nc - 3901513\_prof.nc - 3901513\_tech.nc -

3901514 - Existing nc files  
File : 3901514\_meta.nc - 3901514\_prof.nc - 3901514\_tech.nc -

3901515 - Existing nc files  
File : 3901515\_meta.nc - 3901515\_prof.nc - 3901515\_tech.nc -

3901516 - Existing nc files  
File : 3901516\_meta.nc - 3901516\_prof.nc - 3901516\_tech.nc -

3901517 - Existing nc files  
File : 3901517\_meta.nc - 3901517\_prof.nc - 3901517\_tech.nc -

3901519 - Existing nc files  
File : 3901519\_meta.nc - 3901519\_prof.nc - 3901519\_tech.nc -

3901520 - Existing nc files  
File : 3901520\_meta.nc - 3901520\_prof.nc - 3901520\_tech.nc -

3901521 - Existing nc files  
File : 3901521\_meta.nc - 3901521\_prof.nc - 3901521\_tech.nc -

3901522 - Existing nc files  
File : 3901522\_meta.nc - 3901522\_prof.nc - 3901522\_tech.nc -

3901523 - Existing nc files  
File : 3901523\_meta.nc - 3901523\_prof.nc - 3901523\_tech.nc -

3901524 - Existing nc files  
File : 3901524\_meta.nc - 3901524\_prof.nc - 3901524\_tech.nc -

3901525 - Existing nc files  
File : 3901525\_meta.nc - 3901525\_prof.nc - 3901525\_tech.nc -

3901526 - Existing nc files  
File : 3901526\_meta.nc - 3901526\_prof.nc - 3901526\_tech.nc -

3901527 - Existing nc files  
File : 3901527\_meta.nc - 3901527\_prof.nc - 3901527\_tech.nc -

3901528 - Existing nc files  
File : 3901528\_meta.nc - 3901528\_prof.nc - 3901528\_tech.nc -

3901529 - Existing nc files  
File : 3901529\_meta.nc - 3901529\_prof.nc - 3901529\_tech.nc -

49065 - Existing nc files  
File : 49065\_meta.nc - 49065\_prof.nc - 49065\_tech.nc -

6901153 - Existing nc files  
File : 6901153\_meta.nc - 6901153\_prof.nc - 6901153\_tech.nc -

6901155 - Existing nc files  
File : 6901155\_meta.nc - 6901155\_prof.nc - 6901155\_tech.nc -

6901156 - Existing nc files  
File : 6901156\_meta.nc - 6901156\_prof.nc - 6901156\_tech.nc -

6901162 - Existing nc files  
File : 6901162\_meta.nc - 6901162\_prof.nc - 6901162\_tech.nc -

6901163 - Existing nc files  
File : 6901163\_meta.nc - 6901163\_prof.nc - 6901163\_tech.nc -

6901164 - Existing nc files  
File : 6901164\_meta.nc - 6901164\_prof.nc - 6901164\_tech.nc -

6901165 - Existing nc files  
File : 6901165\_meta.nc - 6901165\_prof.nc - 6901165\_tech.nc -

6901166 - Existing nc files  
File : 6901166\_meta.nc - 6901166\_prof.nc - 6901166\_tech.nc -

6901168 - Existing nc files  
File : 6901168\_meta.nc - 6901168\_prof.nc - 6901168\_tech.nc -

6901169 - Existing nc files  
File : 6901169\_meta.nc - 6901169\_prof.nc - 6901169\_tech.nc -

6901170 - Existing nc files  
File : 6901170\_meta.nc - 6901170\_prof.nc - 6901170\_tech.nc -

6901171 - Existing nc files  
File : 6901171\_meta.nc - 6901171\_prof.nc - 6901171\_tech.nc -

6901172 - Existing nc files  
File : 6901172\_meta.nc - 6901172\_prof.nc - 6901172\_tech.nc -

6901173 - Existing nc files  
File : 6901173\_meta.nc - 6901173\_prof.nc - 6901173\_tech.nc -

6901176 - Existing nc files  
File : 6901176\_meta.nc - 6901176\_prof.nc - 6901176\_tech.nc -

6901177 - Existing nc files  
File : 6901177\_meta.nc - 6901177\_prof.nc - 6901177\_tech.nc -

6901178 - Existing nc files  
File : 6901178\_meta.nc - 6901178\_prof.nc - 6901178\_tech.nc -

6901179 - Existing nc files  
File : 6901179\_meta.nc - 6901179\_prof.nc - 6901179\_tech.nc -

6901189 - Existing nc files  
File : 6901189\_meta.nc - 6901189\_prof.nc - 6901189\_tech.nc -

6901190 - Existing nc files  
File : 6901190\_meta.nc - 6901190\_prof.nc - 6901190\_tech.nc -

6901192 - Existing nc files  
File : 6901192\_meta.nc - 6901192\_prof.nc - 6901192\_tech.nc -

6901194 - Existing nc files  
File : 6901194\_meta.nc - 6901194\_prof.nc - 6901194\_tech.nc -

6901919 - Existing nc files  
File : 6901919\_meta.nc - 6901919\_prof.nc - 6901919\_tech.nc -

6901920 - Existing nc files  
File : 6901920\_meta.nc - 6901920\_prof.nc - 6901920\_tech.nc -

6901921 - Existing nc files  
File : 6901921\_meta.nc - 6901921\_prof.nc - 6901921\_tech.nc -

6901922 - Existing nc files  
File : 6901922\_meta.nc - 6901922\_prof.nc - 6901922\_tech.nc -

6901923 - Existing nc files  
File : 6901923\_meta.nc - 6901923\_prof.nc - 6901923\_tech.nc

## 11.3. CORIOLIS

### GDAC (missing nc files)

#### For some floats :

- multiprof.nc is missing (no profiles but tech, traj, meta exist)

#### See below the list of floats with existing nc files :

#### DAC name : coriolis - Number of floats : 2371

1900380 - Existing nc files  
File : 1900380\_Rtraj.nc - 1900380\_meta.nc - 1900380\_tech.nc -

1901216 - Existing nc files  
File : 1901216\_Rtraj.nc - 1901216\_meta.nc - 1901216\_tech.nc -

5903129 - Existing nc files  
File : 5903129\_Rtraj.nc - 5903129\_meta.nc - 5903129\_tech.nc -

6900215 - Existing nc files  
File : 6900215\_meta.nc - 6900215\_prof.nc - 6900215\_tech.nc -

6900217 - Existing nc files  
File : 6900217\_meta.nc - 6900217\_prof.nc - 6900217\_tech.nc -

6900831 - Existing nc files  
File : 6900831\_Rtraj.nc - 6900831\_meta.nc - 6900831\_tech.nc -

6900940 - Existing nc files  
File : 6900940\_Rtraj.nc - 6900940\_meta.nc - 6900940\_tech.nc -

6901000 - Existing nc files  
File : 6901000\_Rtraj.nc - 6901000\_meta.nc - 6901000\_tech.nc -

6901224 - Existing nc files  
File : 6901224\_Rtraj.nc - 6901224\_meta.nc - 6901224\_tech.nc -

6901551 - Existing nc files  
File : 6901551\_Rtraj.nc - 6901551\_meta.nc - 6901551\_tech.nc -

6901594 - Existing nc files  
File : 6901594\_Rtraj.nc - 6901594\_meta.nc - 6901594\_tech.nc -

69016 - Existing nc files  
File : 69016\_meta.nc - 69016\_prof.nc - 69016\_tech.nc -

6901615 - Existing nc files  
File : 6901615\_Rtraj.nc - 6901615\_meta.nc - 6901615\_tech.nc -

69017 - Existing nc files  
File : 69017\_meta.nc - 69017\_prof.nc - 69017\_tech.nc -

69018 - Existing nc files  
File : 69018\_meta.nc - 69018\_prof.nc - 69018\_tech.nc -

6901820 - Existing nc files  
File : 6901820\_Rtraj.nc - 6901820\_meta.nc -

6901844 - Existing nc files  
File : 6901844\_Rtraj.nc - 6901844\_meta.nc -

6901854 - Existing nc files  
File : 6901854\_Rtraj.nc - 6901854\_meta.nc - 6901854\_tech.nc -

6901870 - Existing nc files  
File : 6901870\_Rtraj.nc - 6901870\_meta.nc -

6901871 - Existing nc files  
File : 6901871\_Rtraj.nc - 6901871\_meta.nc -

6902020 - Existing nc files

File : 6902020\_meta.nc - 6902020\_prof.nc - 6902020\_tech.nc -

6902021 - Existing nc files

File : 6902021\_meta.nc - 6902021\_prof.nc - 6902021\_tech.nc -

6902023 - Existing nc files

File : 6902023\_meta.nc - 6902023\_prof.nc - 6902023\_tech.nc -

6902024 - Existing nc files

File : 6902024\_meta.nc - 6902024\_prof.nc - 6902024\_tech.nc -

69021 - Existing nc files

File : 69021\_meta.nc - 69021\_prof.nc - 69021\_tech.nc -

6903181 - Existing nc files

File : 6903181\_Rtraj.nc - 6903181\_meta.nc - 6903181\_tech.nc -

6903185 - Existing nc files

File : 6903185\_Rtraj.nc - 6903185\_meta.nc - 6903185\_tech.nc -

6903193 - Existing nc files

File : 6903193\_Rtraj.nc - 6903193\_meta.nc - 6903193\_tech.nc -

6903272 - Existing nc files

File : 6903272\_meta.nc - 6903272\_prof.nc - 6903272\_tech.nc -

6903273 - Existing nc files

File : 6903273\_meta.nc - 6903273\_prof.nc - 6903273\_tech.nc -

7900349 - Existing nc files

File : 7900349\_Rtraj.nc - 7900349\_meta.nc - 7900349\_tech.nc -

## 11.4. CSIO

### GDAC (missing nc files)

For some floats :

- multiprof.nc is missing (no profiles but tech, traj, meta exist)

See below the list of floats with existing nc files :

**DAC name : csio - Number of floats : 355**

2901498 - Existing nc files

File : 2901498\_Rtraj.nc - 2901498\_meta.nc - 2901498\_tech.nc -

2901505 - Existing nc files

File : 2901505\_Rtraj.nc - 2901505\_meta.nc - 2901505\_tech.nc -

2902670 - Existing nc files

File : 2902670\_Rtraj.nc - 2902670\_meta.nc - 2902670\_prof.nc -

2902671 - Existing nc files

File : 2902671\_Rtraj.nc - 2902671\_meta.nc - 2902671\_prof.nc -

2902672 - Existing nc files

File : 2902672\_meta.nc - 2902672\_prof.nc -

2902673 - Existing nc files

File : 2902673\_Rtraj.nc - 2902673\_meta.nc - 2902673\_prof.nc -

2902674 - Existing nc files

File : 2902674\_Rtraj.nc - 2902674\_meta.nc - 2902674\_prof.nc -

2902677 - Existing nc files

File : 2902677\_Rtraj.nc - 2902677\_meta.nc - 2902677\_prof.nc -

2902679 - Existing nc files

File : 2902679\_Rtraj.nc - 2902679\_meta.nc - 2902679\_prof.nc -

2902691 - Existing nc files

File : 2902691\_Rtraj.nc - 2902691\_meta.nc - 2902691\_prof.nc -

2902692 - Existing nc files

File : 2902692\_Rtraj.nc - 2902692\_meta.nc - 2902692\_prof.nc -

2902693 - Existing nc files

File : 2902693\_Rtraj.nc - 2902693\_meta.nc - 2902693\_prof.nc -

2902694 - Existing nc files

File : 2902694\_Rtraj.nc - 2902694\_meta.nc - 2902694\_prof.nc -

2902695 - Existing nc files

File : 2902695\_Rtraj.nc - 2902695\_meta.nc - 2902695\_prof.nc -

2902696 - Existing nc files

File : 2902696\_Rtraj.nc - 2902696\_meta.nc - 2902696\_prof.nc -

2902698 - Existing nc files

File : 2902698\_Rtraj.nc - 2902698\_meta.nc - 2902698\_prof.nc -

2902700 - Existing nc files

File : 2902700\_Rtraj.nc - 2902700\_meta.nc - 2902700\_prof.nc

## 11.5. CSIRO

## **GDAC (missing nc files)**

### **For some floats :**

- traj.nc is missing (only meta.nc, tech.nc and prof.nc files)

### **See below the list of floats with existing nc files :**

#### **DAC name : csiro - Number of floats : 779**

1901735 - Existing nc - files

File : 1901735\_meta.nc - 1901735\_prof.nc - 1901735\_tech.nc -

1901736 - Existing nc - files

File : 1901736\_meta.nc - 1901736\_prof.nc - 1901736\_tech.nc -

1901737 - Existing nc - files

File : 1901737\_meta.nc - 1901737\_prof.nc - 1901737\_tech.nc -

3901467 - Existing nc - files

File : 3901467\_meta.nc - 3901467\_prof.nc - 3901467\_tech.nc -

5904221 - Existing nc files

File : 5904221\_meta.nc - 5904221\_prof.nc - 5904221\_tech.nc -

5904224 - Existing nc files

File : 5904224\_meta.nc - 5904224\_prof.nc - 5904224\_tech.nc -

5904226 - Existing nc files

File : 5904226\_meta.nc - 5904226\_prof.nc - 5904226\_tech.nc -

5904916 - Existing nc files

File : 5904916\_meta.nc - 5904916\_prof.nc - 5904916\_tech.nc -

5904917 - Existing nc files

File : 5904917\_meta.nc - 5904917\_prof.nc - 5904917\_tech.nc -

5904922 - Existing nc files

File : 5904922\_meta.nc - 5904922\_prof.nc - 5904922\_tech.nc -

5905037 - Existing nc files

File : 5905037\_meta.nc - 5905037\_prof.nc - 5905037\_tech.nc -

5905038 - Existing nc files

File : 5905038\_meta.nc - 5905038\_prof.nc - 5905038\_tech.nc -

5905041 - Existing nc files

File : 5905041\_meta.nc - 5905041\_prof.nc - 5905041\_tech.nc -

5905042 - Existing nc files

File : 5905042\_meta.nc - 5905042\_prof.nc - 5905042\_tech.nc -

5905170 - Existing nc files

File : 5905170\_meta.nc - 5905170\_prof.nc - 5905170\_tech.nc -

5905171 - Existing nc files

File : 5905171\_meta.nc - 5905171\_prof.nc - 5905171\_tech.nc -

5905174 - Existing nc files

File : 5905174\_meta.nc - 5905174\_prof.nc - 5905174\_tech.nc -

5905175 - Existing nc files

File : 5905175\_meta.nc - 5905175\_prof.nc - 5905175\_tech.nc -

5905176 - Existing nc files

File : 5905176\_meta.nc - 5905176\_prof.nc - 5905176\_tech.nc -

5905178 - Existing nc files

File : 5905178\_meta.nc - 5905178\_prof.nc - 5905178\_tech.nc -

5905179 - Existing nc files

File : 5905179\_meta.nc - 5905179\_prof.nc - 5905179\_tech.nc -

5905180 - Existing nc files

File : 5905180\_meta.nc - 5905180\_prof.nc - 5905180\_tech.nc -

5905181 - Existing nc files

File : 5905181\_meta.nc - 5905181\_prof.nc - 5905181\_tech.nc -

5905182 - Existing nc files

File : 5905182\_meta.nc - 5905182\_prof.nc - 5905182\_tech.nc -

5905190 - Existing nc files

File : 5905190\_meta.nc - 5905190\_prof.nc - 5905190\_tech.nc -

5905191 - Existing nc files

File : 5905191\_meta.nc - 5905191\_prof.nc - 5905191\_tech.nc

## **11.6. INCOIS**

### **For some floats :**

- tech.nc is missing (meta.nc, traj.nc and prof.nc files existing)
- traj.nc is missing (meta, prof, tech existing)
- multiprof.nc is missing (no profiles but tech, traj, meta exist)

### **See below the list of floats with existing nc files :**

**DAC name : incois - Number of floats : 403**

2900268 - Existing nc files  
File : 2900268\_Rtraj.nc - 2900268\_meta.nc - 2900268\_prof.nc -  
  
2900275 - Existing nc files  
File : 2900275\_Rtraj.nc - 2900275\_meta.nc - 2900275\_prof.nc -  
  
2900763 - Existing nc files  
File : 2900763\_Rtraj.nc - 2900763\_meta.nc -  
  
2900772 - Existing nc files  
File : 2900772\_Rtraj.nc - 2900772\_meta.nc -  
  
2900775 - Existing nc files  
File : 2900775\_Rtraj.nc - 2900775\_meta.nc -  
  
2902126 - Existing nc files  
File : 2902126\_Rtraj.nc - 2902126\_meta.nc - 2902126\_tech.nc -  
  
2902209 - Existing nc files

File : 2902209\_meta.nc - 2902209\_prof.nc - 2902209\_tech.nc -  
  
2902210 - Existing nc files  
File : 2902210\_meta.nc - 2902210\_prof.nc - 2902210\_tech.nc -  
  
2902211 - Existing nc files  
File : 2902211\_meta.nc - 2902211\_prof.nc - 2902211\_tech.nc -  
  
2902215 - Existing nc files  
File : 2902215\_meta.nc - 2902215\_prof.nc - 2902215\_tech.nc -  
  
2902216 - Existing nc files  
File : 2902216\_meta.nc - 2902216\_prof.nc - 2902216\_tech.nc -  
  
2902217 - Existing nc files  
File : 2902217\_meta.nc - 2902217\_prof.nc - 2902217\_tech.nc -  
  
7654321 - Existing nc files  
File : 7654321\_meta.nc - 7654321\_prof.nc

## 11.7. JMA

### Feedback sent by Wataru.(few months ago)

#### Checking of the status of each float.

#### -Deep NINJA: 14 floats

in preparation for data release and profile files will be sent to GDACs by the end of this month

2902508	7900600	7900655
2902509	7900601	7900657
2902510	7900652	7900658
5904937	7900653	7900660
7900599	7900654	

#### -Others : 8 floats

need further investigation

\*\*\*\*\*

#### For some floats :

- tech.nc and/or traj.nc are missing (only meta.nc and prof.nc files)
- traj.nc is missing

#### See below the list of floats with existing nc files :

#### DAC name : jma - Number of floats : 1466

1902074 - Existing nc files  
File : 1902074\_meta.nc - 1902074\_prof.nc -  
  
1902075 - Existing nc files  
File : 1902075\_meta.nc - 1902075\_prof.nc -  
  
2901998 - Existing nc files  
File : 2901998\_meta.nc - 2901998\_prof.nc -  
  
2902455 - Existing nc files  
File : 2902455\_Rtraj.nc - 2902455\_meta.nc - 2902455\_tech.nc -  
  
2902469 - Existing nc files

File : 2902469\_Rtraj.nc - 2902469\_meta.nc - 2902469\_tech.nc -  
  
2902508 - Existing nc files  
File : 2902508\_meta.nc - 2902508\_prof.nc -  
  
2902509 - Existing nc files  
File : 2902509\_meta.nc - 2902509\_prof.nc -  
  
2902510 - Existing nc files  
File : 2902510\_meta.nc - 2902510\_prof.nc -  
  
2902529 - Existing nc files  
File : 2902529\_Mprof.nc - 2902529\_meta.nc - 2902529\_prof.nc -

2902530 - Existing nc files  
File : 2902530\_Mprof.nc - 2902530\_meta.nc - 2902530\_prof.nc -

2902971 - Existing nc files  
File : 2902971\_meta.nc - 2902971\_prof.nc -

2902974 - Existing nc files  
File : 2902974\_Rtraj.nc - 2902974\_meta.nc - 2902974\_prof.nc -

2902977 - Existing nc files  
File : 2902977\_Rtraj.nc - 2902977\_meta.nc - 2902977\_tech.nc -

2902978 - Existing nc files  
File : 2902978\_Rtraj.nc - 2902978\_meta.nc - 2902978\_tech.nc -

4900293 - Existing nc files  
File : 4900293\_Rtraj.nc - 4900293\_meta.nc - 4900293\_tech.nc -

5900277 - Existing nc files  
File : 5900277\_Rtraj.nc - 5900277\_meta.nc - 5900277\_tech.nc -

5901582 - Existing nc files  
File : 5901582\_meta.nc - 5901582\_prof.nc - 5901582\_tech.nc -

5901937 - Existing nc files  
File : 5901937\_Rtraj.nc - 5901937\_meta.nc - 5901937\_prof.nc -

5904937 - Existing nc files  
File : 5904937\_meta.nc - 5904937\_prof.nc -

7900024 - Existing nc files  
File : 7900024\_Rtraj.nc - 7900024\_meta.nc - 7900024\_tech.nc -

7900025 - Existing nc files  
File : 7900025\_Rtraj.nc - 7900025\_meta.nc - 7900025\_tech.nc -

7900599 - Existing nc files  
File : 7900599\_meta.nc - 7900599\_prof.nc -

7900600 - Existing nc files  
File : 7900600\_meta.nc - 7900600\_prof.nc -

7900601 - Existing nc files  
File : 7900601\_meta.nc - 7900601\_prof.nc -

7900652 - Existing nc files  
File : 7900652\_meta.nc - 7900652\_prof.nc -

7900653 - Existing nc files  
File : 7900653\_meta.nc - 7900653\_prof.nc -

7900654 - Existing nc files  
File : 7900654\_meta.nc - 7900654\_prof.nc -

7900655 - Existing nc files  
File : 7900655\_meta.nc - 7900655\_prof.nc -

7900657 - Existing nc files  
File : 7900657\_meta.nc - 7900657\_prof.nc -

7900658 - Existing nc files  
File : 7900658\_meta.nc - 7900658\_prof.nc -

7900660 - Existing nc files  
File : 7900660\_meta.nc - 7900660\_prof.nc

## 11.8. KMA

### For some floats :

- tech.nc is missing (meta.nc, traj.nc and prof.nc files existing)
- multiprof.nc is missing (no profiles but tech, traj, meta exist)

### See below the list of floats with existing nc files :

#### DAC name : kma - Number of floats : 217

2901705 - Existing nc files  
File : 2901705\_Rtraj.nc - 2901705\_meta.nc - 2901705\_tech.nc -

2901744 - Existing nc files

File : 2901744\_Rtraj.nc - 2901744\_meta.nc - 2901744\_tech.nc

## 11.9. KORDI

### For some floats :

- tech.nc is missing (meta.nc, traj.nc and prof.nc files existing)
- only meta and traj files (no monoprofile, no tech.nc)

### See below the list of floats with existing nc files :



DAC name : kordi - Number of floats : 119

2900793 - Existing nc files

File : 2900793\_Rtraj.nc - 2900793\_meta.nc - 2900793\_prof.nc -

3900079 - Existing nc files

File : 3900079\_Rtraj.nc - 3900079\_meta.nc -

3900078 - Existing nc files

File : 3900078\_Rtraj.nc - 3900078\_meta.nc -

3900081 - Existing nc files

File : 3900081\_Rtraj.nc - 3900081\_meta.nc

### **Files in real time :**

**2900204** : Some positions are with values **-999** instead of the FillValue "99999" and POSITION\_QC = "1".

Ex. Cycles 92-179-223-286

## **11.10. MEDS**

**For some floats :**

- traj file missing

**See below the list of floats with existing nc files :**

DAC name : meds - Number of floats : 438

## **11.11. NMDIS**

**For some floats :**

- 

**See below the list of floats with existing nc files :**

DAC name : nmdis - Number of floats : 19

## **12. Delayed Mode anomalies (adjusted fields) – date mode = 'A' or 'D'**

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

### **12.1. AOML**

### **12.2. BODC**

Some files with data\_mode='A' have only one parameter that is filled. See §2.3.3 (Quality Control Manual), all PARAM\_ADJUSTED variables should be filled.

Ex. 1901060 cycle 180 (only PRES\_ADJUSTED filled)

## 12.3. CSIO

## 12.4. CSIRO

## 12.5. INCOIS

## 12.6. JMA/JAMSTEC

## 12.7. KMA

- Error on salinity\_adjusted 0.000 ?? floats 2900170 - 2900171

netcdf D2900171\_067 {

PSAL\_ADJUSTED\_ERROR =

0.000, 0.000, 0.000, 0.000, 0.000, 0.000, .....

Mix of R (cycles 001 -024-025) and D files for float 2900171

D2900171_002.nc	D2900171_010.nc	D2900171_018.nc	D2900171_028.nc	D2900171_036.nc	D2900171_044.nc	D2900171_052.nc	D2900171_060.nc	D2900171_068.nc
D2900171_003.nc	D2900171_011.nc	D2900171_019.nc	D2900171_029.nc	D2900171_037.nc	D2900171_045.nc	D2900171_053.nc	D2900171_061.nc	D2900171_069.nc
D2900171_004.nc	D2900171_012.nc	D2900171_020.nc	D2900171_030.nc	D2900171_038.nc	D2900171_046.nc	D2900171_054.nc	D2900171_062.nc	D2900171_070.nc
D2900171_005.nc	D2900171_013.nc	D2900171_021.nc	D2900171_031.nc	D2900171_039.nc	D2900171_047.nc	D2900171_055.nc	D2900171_063.nc	D2900171_071.nc
D2900171_006.nc	D2900171_014.nc	D2900171_022.nc	D2900171_032.nc	D2900171_040.nc	D2900171_048.nc	D2900171_056.nc	D2900171_064.nc	R2900171_001.nc
D2900171_007.nc	D2900171_015.nc	D2900171_023.nc	D2900171_033.nc	D2900171_041.nc	D2900171_049.nc	D2900171_057.nc	D2900171_065.nc	R2900171_024.nc
D2900171_008.nc	D2900171_016.nc	D2900171_026.nc	D2900171_034.nc	D2900171_042.nc	D2900171_050.nc	D2900171_058.nc	D2900171_066.nc	R2900171_025.nc
D2900171_009.nc	D2900171_017.nc	D2900171_027.nc	D2900171_035.nc	D2900171_043.nc	D2900171_051.nc	D2900171_059.nc	D2900171_067.nc	

## 12.8. NMDIS

DM files - data\_state\_indicator="2C" but data\_mode="R" and R\*.nc

For floats : 2901615 – 2901631 - 2901632

**2901615** ex. cycle 58, ...

```
DATA_STATE_INDICATOR = "2C ";
DATA_MODE = "R";
```

**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";

*Other problem for the same file (R2901632\_056):*

TEMP\_ADJUSTED values exist but

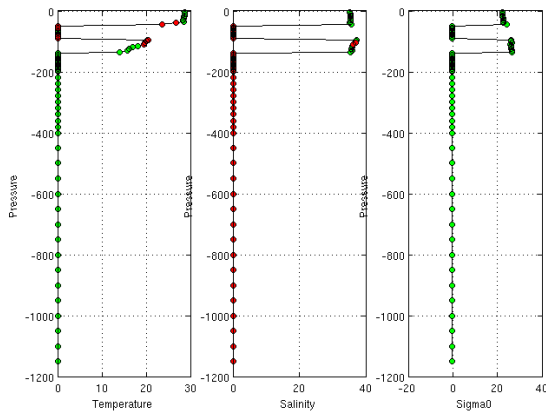
TEMP\_ADJUSTED\_QC =



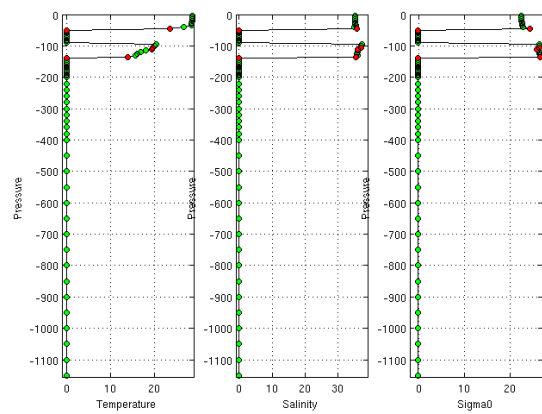
## 13. Automatic Tests (June's version)

- Density inversion tests – Comparison between DACs' results (left column) and Matlab program developed by Jean Philippe Rannou at Coriolis (right column)

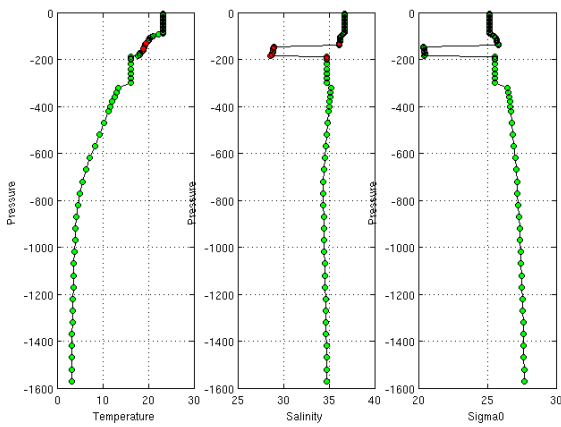
Warning Objective Analysis Anomalies 2016 June TEMP PSAL : DAC AO- Float 1901504-188



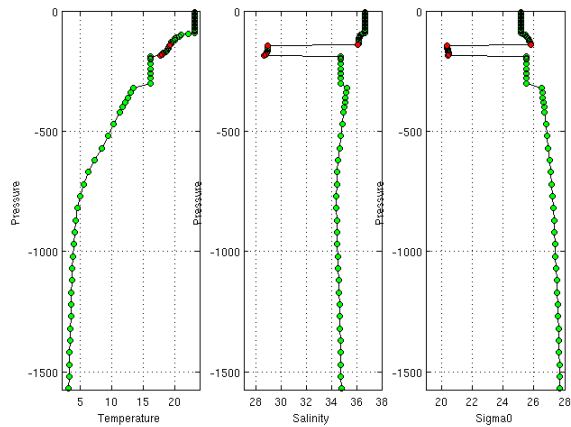
Using Jean Philippe Matlab density inversion test : Float 1901504\_88 Data mode : R



Warning Objective Analysis Anomalies 2016 June TEMP PSAL : DAC AO- Float 1900998-239



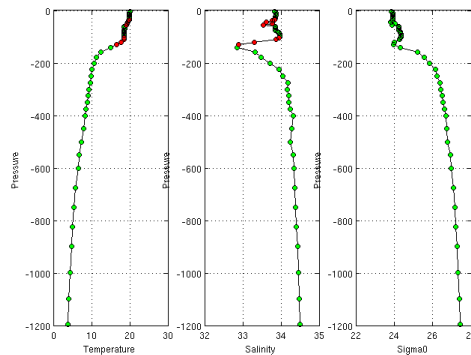
Using Jean Philippe Matlab density inversion test : Float 1900998\_39 Data mode : R



Results show that density inversion test is not enough to catch some bad data that are not also caught by other tests. In other cases, this test can catch bad data. Some DACs need to check their codes.

- Strange profiles going through all the automatic tests :

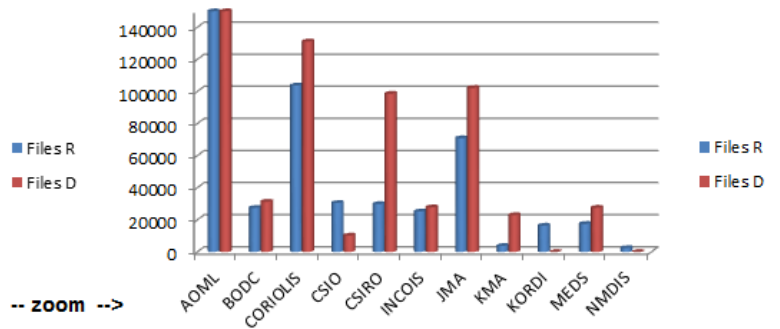
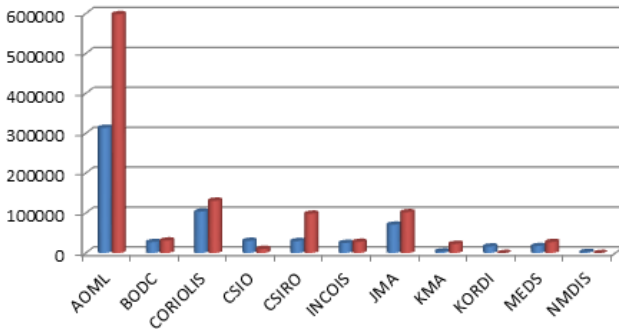
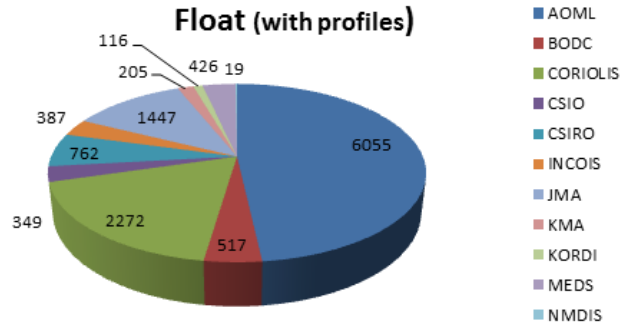
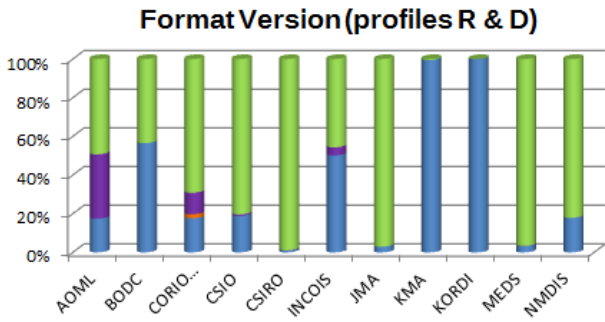
Warning Objective Analysis Anomalies 2016 June TEMP PSAL : DAC AO- Float 4902093-208



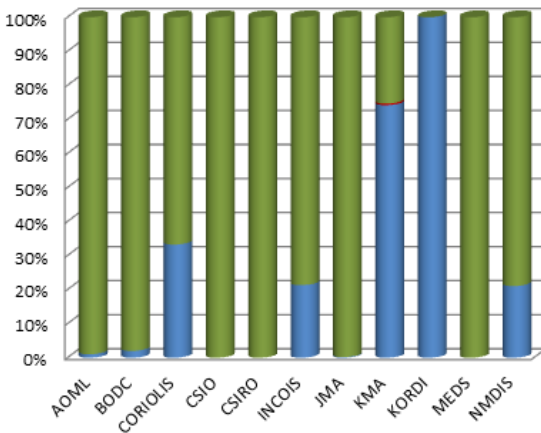
Some profiles have temperature measurements with the zero values which are not good but they did not fail with any test.

# 14. Statistics on floats and format version

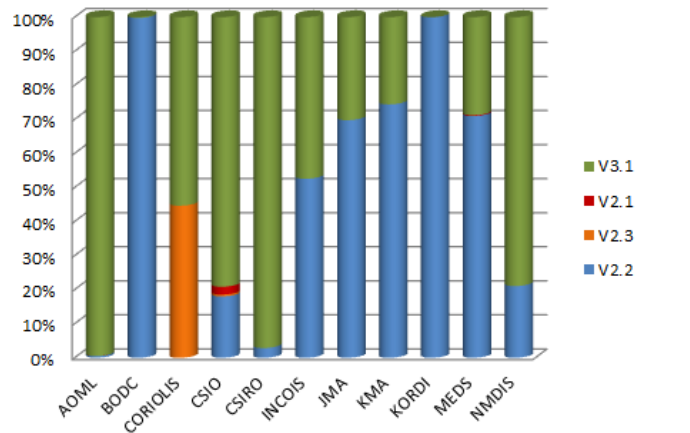
Plots showing format\_version percentage, number of floats (with profiles), number of D and R files by DACs.



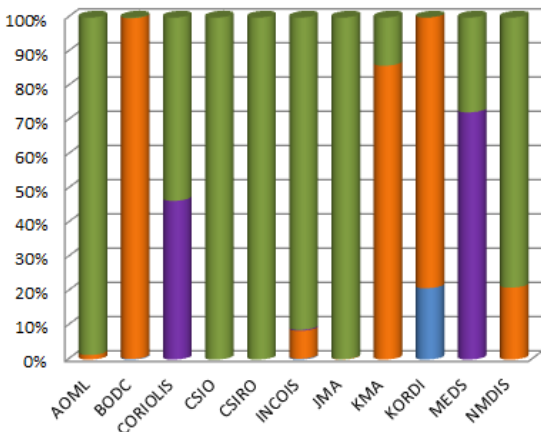
**Metadata files**



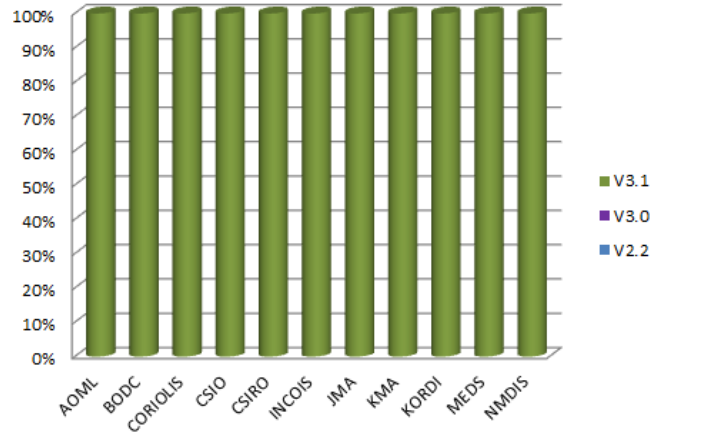
**Trajectory files**



**Technical files**



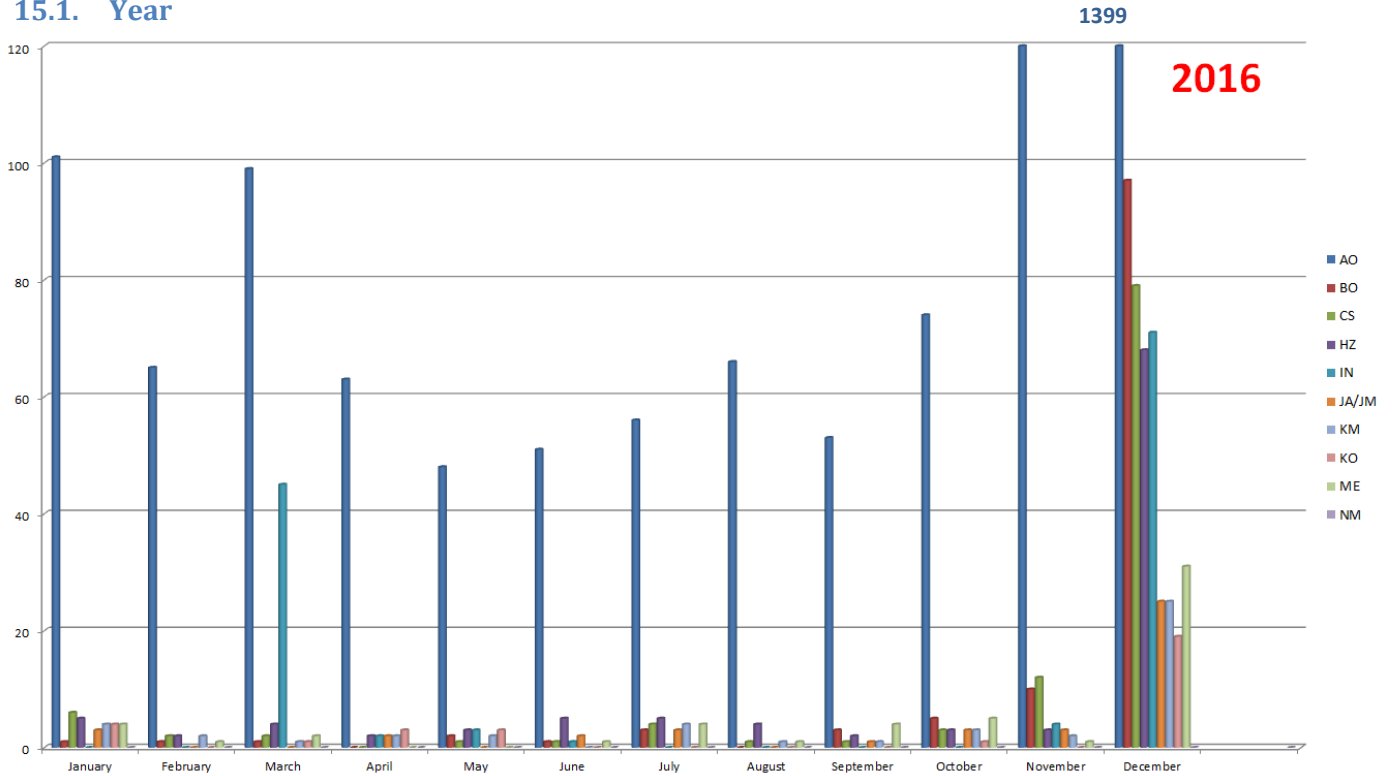
**Multiprofile files**



# 15. Statistics on anomalies

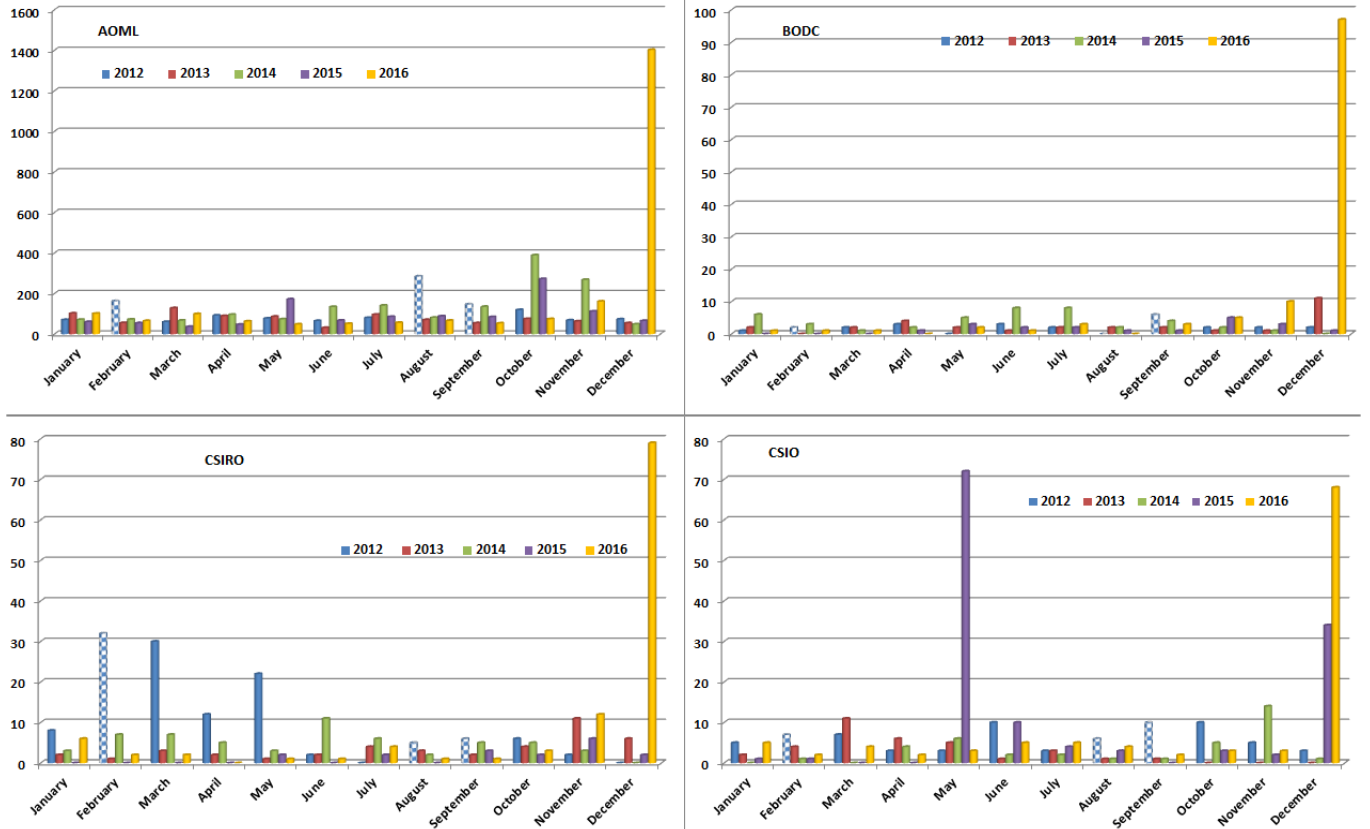
Plots showing evolution of number of anomalies by DAC.

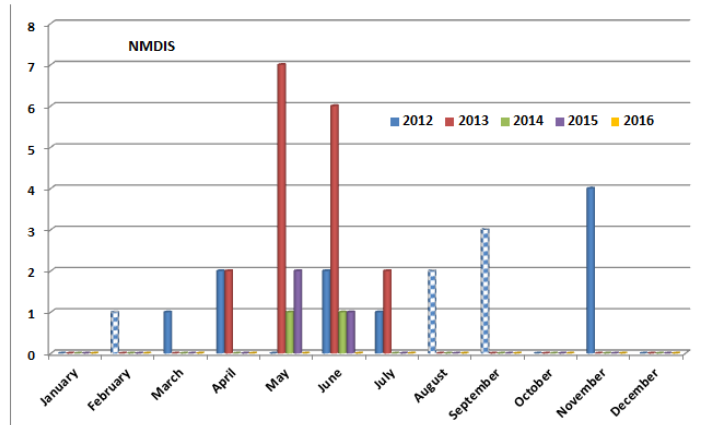
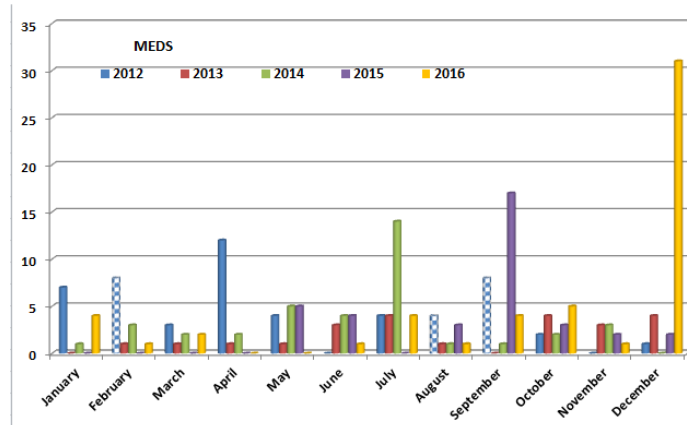
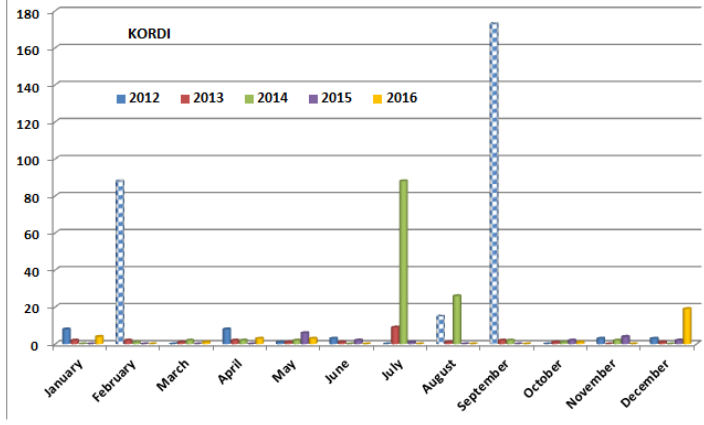
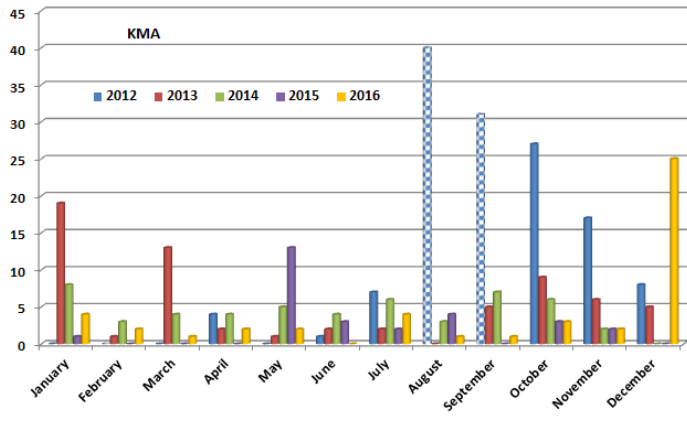
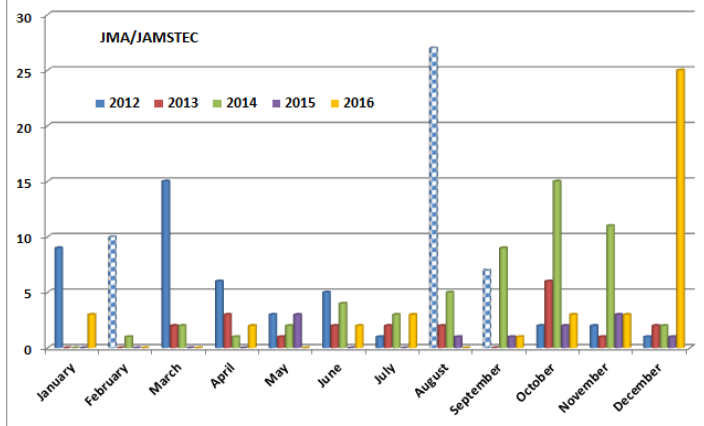
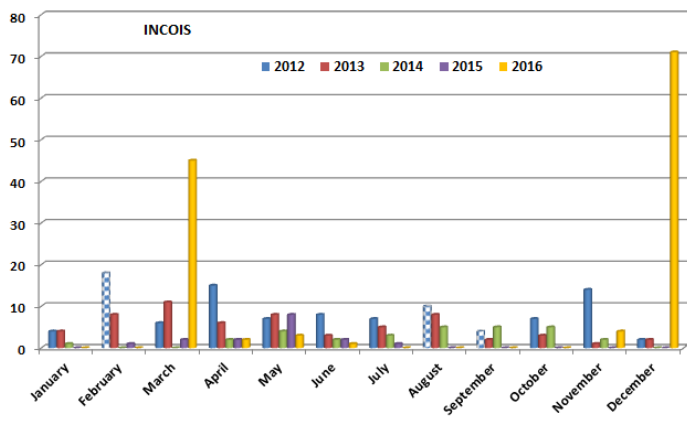
## 15.1. Year



Year 2016

## 15.2. DAC





### 15.3. Anomalies by year, by month

