



# Anomalies on Argo profiles

From warning objective analysis, netcdf file analysis

## Format version

**October 2017**

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**Coriolis**

## NOTES

§- (From last week of October) New version for the message sent to each DAC operator, information can be found on the vertical sampling scheme (only the beginning of the text), for instance :

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

AO,3901276,8,26/10/2017 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=54124442> ,PSAL,.96,.96,1,4,Primary sampling

AO,5904770,104,26/10/2017 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=54124471> ,PSAL,6.15,1997.6,1,3,n/a

# Anomalies by DAC

## Summary

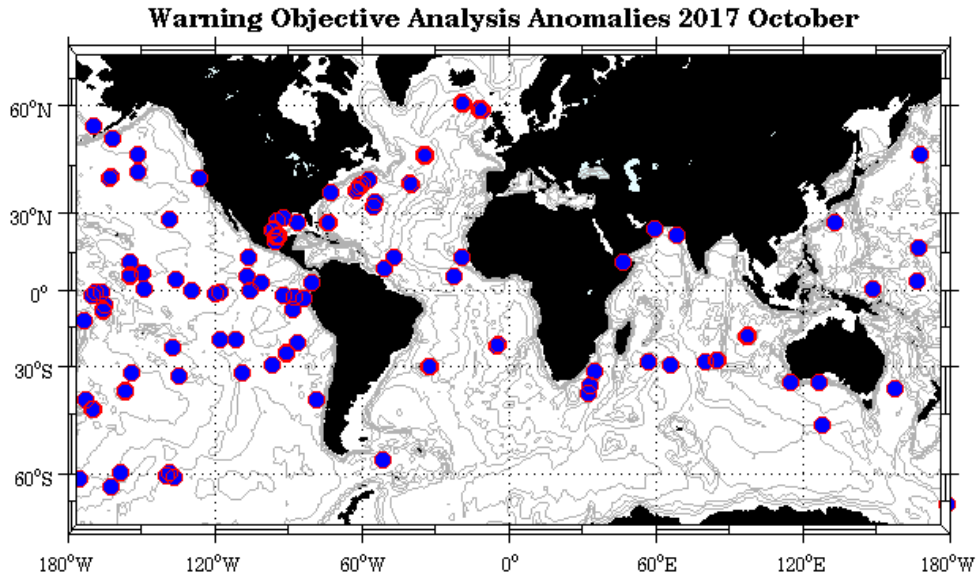
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# 1. DAC AOML

Profiles detected by the objective analysis: 154 profiles (95 floats, but floats can have several cycles with anomalies)

Data_mode ='R'	Data_mode ='A'	Data_mode ='D'
73 cycles	80 cycles	1 cycle



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

**In blue: floats with multiprofiles.**

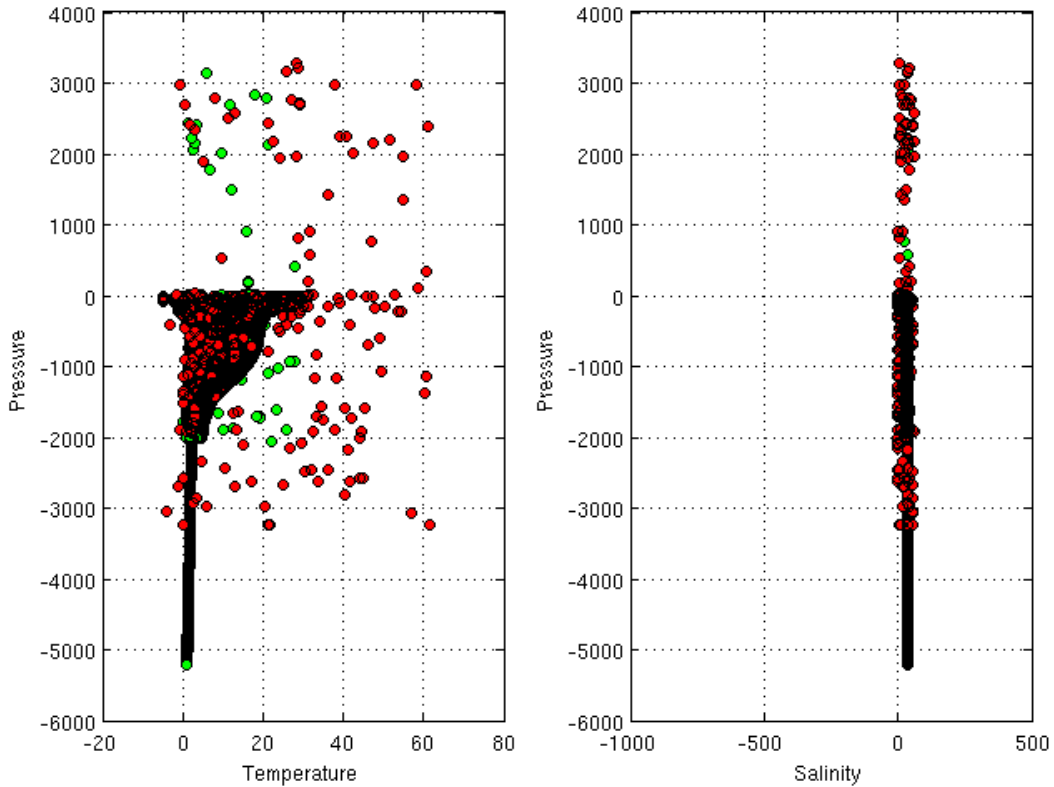
- Float : 1901410 - Cycle : 277 - PI : STEPHEN RISER - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 4376 - Date : 2017 9 28
- Float : 1901540 - Cycle : 225 - PI : BRECK OWENS - Data mode : R - Platform type : SOLO\_W - WMO inst type : 851 - FLOAT SERIAL : 1064 - Date : 2017 10 3
- Float : 1901654 - Cycle : 148 - PI : BRECK OWENS, STEVE JAYNE, P.E. ROBBINS - Data mode : R - Platform type : SOLO\_W - WMO inst type : 851 - FLOAT SERIAL : 1164 - Date : 2017 9 30
- Float : 1901654 - Cycle : 149 - PI : BRECK OWENS, STEVE JAYNE, P.E. ROBBINS - Data mode : R - Platform type : SOLO\_W - WMO inst type : 851 - FLOAT SERIAL : 1164 - Date : 2017 10 10
- Float : 1901654 - Cycle : 150 - PI : BRECK OWENS, STEVE JAYNE, P.E. ROBBINS - Data mode : R - Platform type : SOLO\_W - WMO inst type : 851 - FLOAT SERIAL : 1164 - Date : 2017 10 20
- Float : 1901687 - Cycle : 156 - PI : BRECK OWENS, STEVE JAYNE, P.E. ROBBINS - Data mode : R - Platform type : S2A - WMO inst type : 854 - FLOAT SERIAL : 7142 - Date : 2017 10 26
- Float : 2902057 - Cycle : 204 - PI : CARL SZCZECZOWSKI - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7317 - Date : 2017 10 24
- Float : 2902060 - Cycle : 170 - PI : CARL SZCZECZOWSKI - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7483 - Date : 2017 10 7
- Float : 2902386 - Cycle : 148 - PI : CARL SZCZECZOWSKI - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7564 - Date : 2017 10 7
- Float : 2902403 - Cycle : 94 - PI : CARL SZCZECZOWSKI - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7570 - Date : 2017 9 29
- Float : 3900541 - Cycle : 404 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 2448 - Date : 2017 10 12
- Float : 3900659 - Cycle : 333 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 3391 - Date : 2017 9 30
- Float : 3900776 - Cycle : 260 - PI : GREGORY C. JOHNSON - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 4647 - Date : 2017 10 20
- Float : 3901064 - Cycle : 79 - PI : BRECK OWENS, STEVEN JAYNE, P.E. ROBBINS - Data mode : R - Platform type : S2A - WMO inst type : 854 - FLOAT SERIAL : 7281 - Date : 2017 10 8
- Float : 3901064 - Cycle : 80 - PI : BRECK OWENS, STEVEN JAYNE, P.E. ROBBINS - Data mode : R - Platform type : S2A - WMO inst type : 854 - FLOAT SERIAL : 7281 - Date : 2017 10 18
- Float : 3901157 - Cycle : 166 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : NAVIS\_A - WMO inst type : 863 - FLOAT SERIAL : 0210 - Date : 2017 10 4
- Float : 3901173 - Cycle : 129 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : NAVIS\_A - WMO inst type : 863 - FLOAT SERIAL : 0291 - Date : 2017 10 4
- Float : 3901184 - Cycle : 130 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : NAVIS\_A - WMO inst type : 863 - FLOAT SERIAL : 0297 - Date : 2017 10 7
- Float : 3901199 - Cycle : 84 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : NAVIS\_A - WMO inst type : 863 - FLOAT SERIAL : 0478 - Date : 2017 9 28
- Float : 3901199 - Cycle : 85 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : NAVIS\_A - WMO inst type : 863 - FLOAT SERIAL : 0478 - Date : 2017 10 8
- Float : 3901199 - Cycle : 86 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : NAVIS\_A - WMO inst type : 863 - FLOAT SERIAL : 0478 - Date : 2017 10 18
- Float : 3901233 - Cycle : 61 - PI : BRECK OWENS, STEVEN JAYNE, P.E. ROBBINS - Data mode : R - Platform type : S2A - WMO inst type : 854 - FLOAT SERIAL : 7336 - Date : 2017 10 3
- Float : 3901251 - Cycle : 30 - PI : DEAN ROEMMICH - Data mode : R - Platform type : SOLO\_II - WMO inst type : 853 - FLOAT SERIAL : 8541 - Date : 2017 9 24
- Float : 3901260 - Cycle : 121 - PI : CARL SZCZECZOWSKI - Data mode : R - Platform type : S2A - WMO inst type : 854 - FLOAT SERIAL : 10016 - Date : 2017 10 7
- Float : 3901263 - Cycle : 114 - PI : CARL SZCZECZOWSKI - Data mode : R - Platform type : S2A - WMO inst type : 854 - FLOAT SERIAL : 10019 - Date : 2017 9 22
- Float : 3901263 - Cycle : 115 - PI : CARL SZCZECZOWSKI - Data mode : R - Platform type : S2A - WMO inst type : 854 - FLOAT SERIAL : 10019 - Date : 2017 9 27
- Float : 3901263 - Cycle : 116 - PI : CARL SZCZECZOWSKI - Data mode : R - Platform type : S2A - WMO inst type : 854 - FLOAT SERIAL : 10019 - Date : 2017 10 2
- Float : 3901263 - Cycle : 117 - PI : CARL SZCZECZOWSKI - Data mode : R - Platform type : S2A - WMO inst type : 854 - FLOAT SERIAL : 10019 - Date : 2017 10 7
- Float : 3901263 - Cycle : 118 - PI : CARL SZCZECZOWSKI - Data mode : R - Platform type : S2A - WMO inst type : 854 - FLOAT SERIAL : 10019 - Date : 2017 10 12
- Float : 3901263 - Cycle : 119 - PI : CARL SZCZECZOWSKI - Data mode : R - Platform type : S2A - WMO inst type : 854 - FLOAT SERIAL : 10019 - Date : 2017 10 17







## Warning Objective Analysis Anomalies 2017 October TEMP PSAL - DAC AO



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

AO,1901410,277,29/09/2017 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=53879958> ,PSAL,5.9,30.1,1,3  
 AO,1901410,277,29/09/2017 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=53879958> ,PSAL,60.4,1948.5,1,3  
 AO,1901410,277,29/09/2017 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=53879958> ,PSAL\_ADJUSTED,5.9,30.1,1,3  
 AO,1901410,277,29/09/2017 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=53879958> ,PSAL\_ADJUSTED,60.4,1948.5,1,3  
 AO,1901540,225,04/10/2017 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=53927027> ,TEMP,12,20,1,3  
 AO,1901654,148,01/10/2017 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=53899054> ,PSAL,5,1750,1,3  
 AO,1901654,149,11/10/2017 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=53977676> ,PSAL,5,1750,1,3  
 AO,1901654,150,21/10/2017 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=54080123> ,PSAL,5,1750,1,3  
 AO,1901687,156,26/10/2017 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=54136011> ,PSAL,.84,1019.16,1,3,Near-surface sampling  
 AO,2902057,204,25/10/2017 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=54120698> ,PSAL,991,991,1,4,Primary sampling  
 AO,2902057,204,25/10/2017 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=54120698> ,PSAL\_ADJUSTED,991,991,1,4,Primary sampling  
 AO,2902060,170,08/10/2017 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=53965341> ,PSAL,30.5,63.3,1,3  
 AO,2902060,170,08/10/2017 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=53965341> ,PSAL\_ADJUSTED,30.5,63.3,1,3  
 AO,2902386,148,07/10/2017 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=53965182> ,PSAL,26,27.9,1,4  
 AO,2902386,148,07/10/2017 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=53965182> ,PSAL\_ADJUSTED,26,27.9,1,4  
 AO,2902403,94,29/09/2017 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=53880976> ,PSAL,308,310,1,4  
 AO,2902403,94,29/09/2017 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=53880976> ,PSAL\_ADJUSTED,308,310,1,4  
 AO,3900541,404,13/10/2017 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=54004980> ,PSAL,517.1,517.1,1,4  
 AO,3900541,404,13/10/2017 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=54004980> ,PSAL\_ADJUSTED,517.1,517.1,1,4  
 AO,3900659,333,30/09/2017 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=53884744> ,PSAL,793.9,793.9,1,4  
 AO,3900659,333,30/09/2017 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=53884744> ,PSAL\_ADJUSTED,793.9,793.9,1,4  
 AO,3900659,333,30/09/2017 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=53884744> ,TEMP,793.9,793.9,1,4  
 AO,3900659,333,30/09/2017 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=53884744> ,TEMP\_ADJUSTED,793.9,793.9,1,4  
 AO,3900776,260,21/10/2017 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=54077487> ,PSAL,4.7,2000.1,1,3  
 AO,3900776,260,21/10/2017 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=54077487> ,PSAL\_ADJUSTED,4.7,2000.1,1,3  
 AO,3901064,79,09/10/2017 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=53971215> ,PSAL,23.96,134,1,4  
 AO,3901064,80,19/10/2017 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=54059873> ,PSAL,12,16.04,1,3  
 AO,3901064,80,19/10/2017 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=54059873> ,PSAL,24,224,1,4  
 AO,3901064,80,19/10/2017 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=54059873> ,PSAL,244,261.96,1,4  
 AO,3901064,80,19/10/2017 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=54059873> ,PSAL,302,308.04,1,4  
 AO,3901064,80,19/10/2017 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=54059873> ,PSAL,315.96,326,1,4  
 AO,3901064,80,19/10/2017 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=54059873> ,PSAL,494,520,1,3  
 AO,3901064,80,19/10/2017 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=54059873> ,PSAL,5,8,1,4  
 AO,3901064,80,19/10/2017 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=54059873> ,PSAL,530.04,532,1,4  
 AO,3901064,80,19/10/2017 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=54059873> ,PSAL,543.96,562,1,4  
 AO,3901064,80,19/10/2017 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=54059873> ,PSAL,674,934.04,1,3  
 AO,3901157,166,04/10/2017 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=53926812> ,PSAL,116,116,1,4  
 AO,3901157,166,04/10/2017 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=53926812> ,PSAL,136,136,1,4  
 AO,3901157,166,04/10/2017 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=53926812> ,PSAL,154,238,1,4  
 AO,3901157,166,04/10/2017 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=53926812> ,PSAL,44,104,1,4































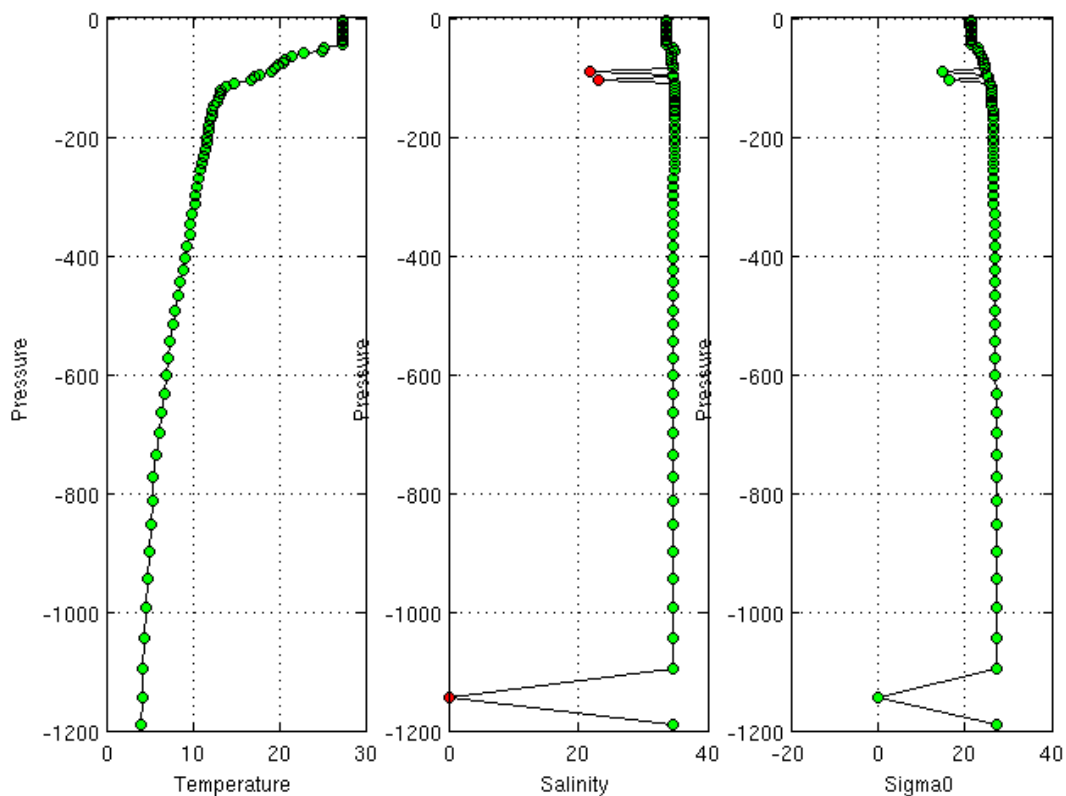


AO,6900382,191,18/10/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=54057107 ,PSAL\_ADJUSTED,4.1,75.2,1,3  
 AO,6900382,191,18/10/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=54057107 ,PSAL\_ADJUSTED,88.6,1099.3,1,3  
 AO,6900382,192,22/10/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=54094925 ,PSAL,4.3,1198.8,1,3  
 AO,6900382,192,22/10/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=54094925 ,PSAL\_ADJUSTED,4.3,1198.8,1,3  
 AO,6900382,193,26/10/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=54124518 ,PSAL,5.6,1200.4,1,3,Primary sampling  
 AO,6900382,193,26/10/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=54124518 ,PSAL\_ADJUSTED,5.6,1200.4,1,3,Primary sampling  
 AO,7900208,100,03/10/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53832594 ,PSAL,.72,.72,1,3  
 AO,7900672,56,12/10/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=54004948 ,PSAL,1.16,250.04,1,3  
 AO,7900672,56,12/10/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=54004949 ,PSAL,.92,4.88,1,3  
 AO,7900672,56,22/10/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=54004948 ,PSAL,1.16,250.04,1,3  
 AO,7900672,56,22/10/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=54004949 ,PSAL,.92,4.88,1,3  
 AO,7900673,54,01/10/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53809664 ,PSAL,.8,.8,1,3

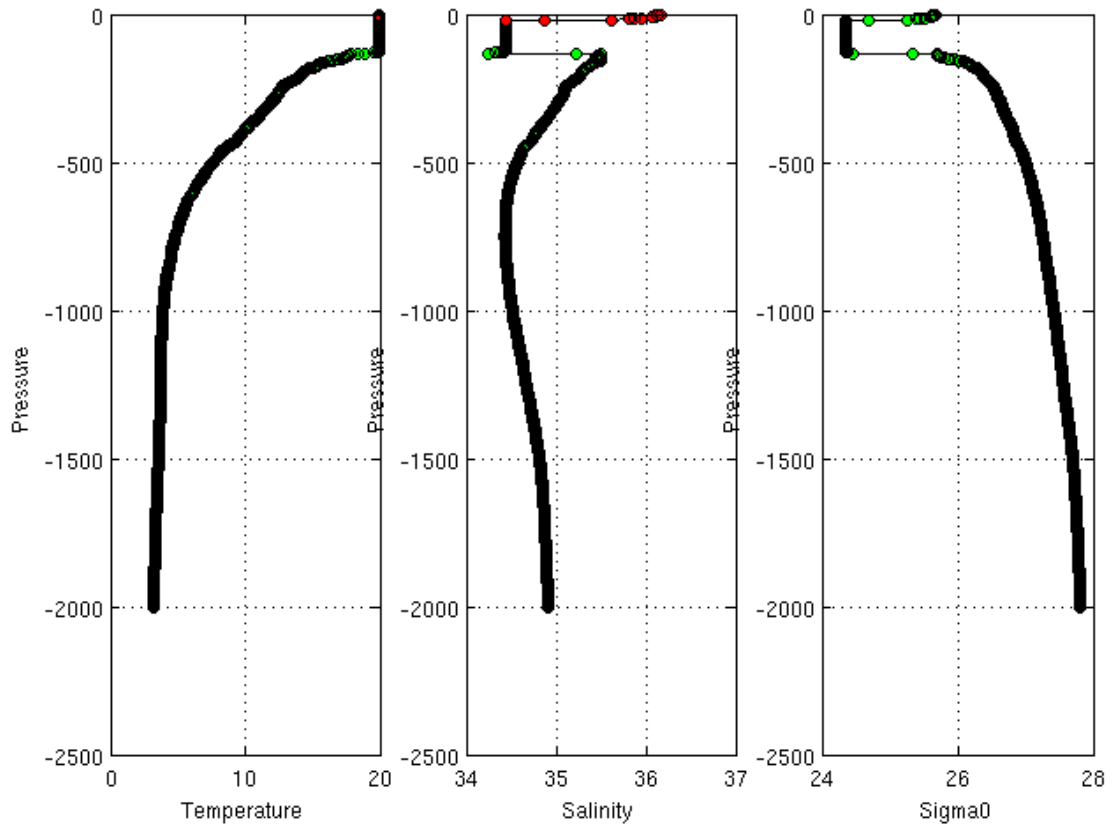
**APEX to put on the grey list:**

Example of corrections:

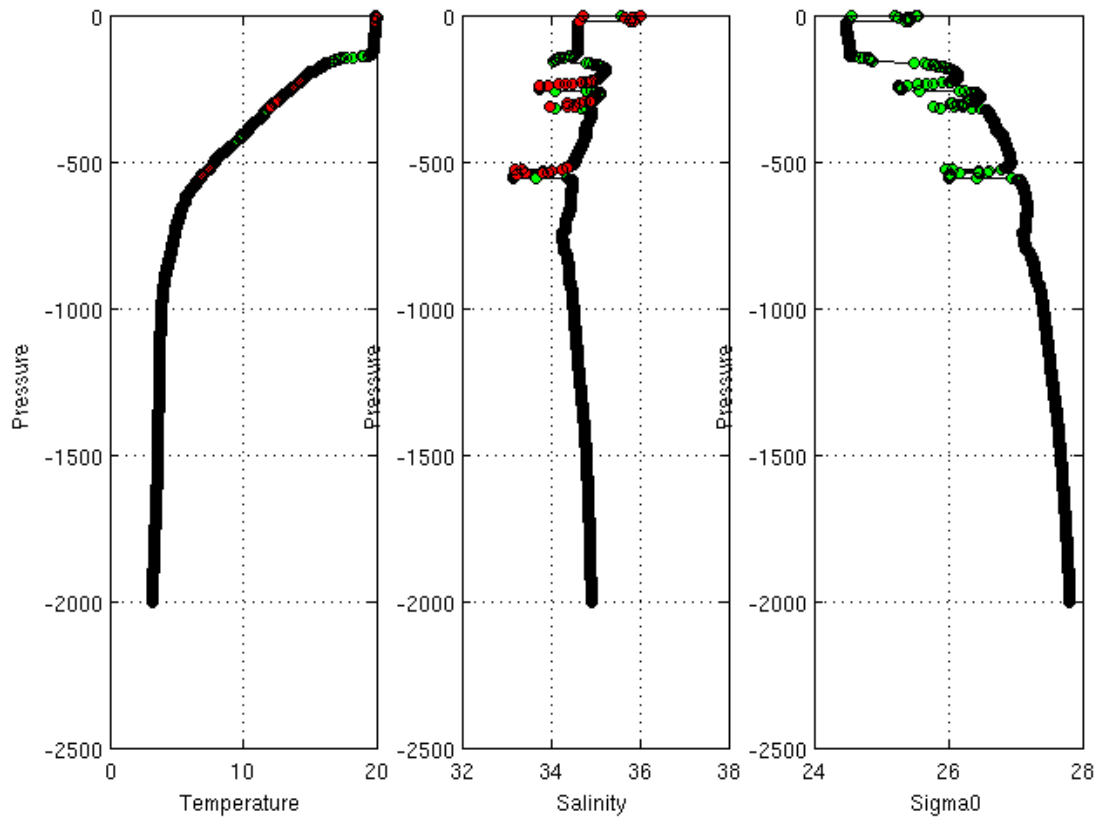
Warning Objective Analysis Anomalies 2017 October TEMP PSAL : DAC AO- Float 3900541-404



Warning Objective Analysis Anomalies 2017 October TEMP PSAL : DAC AO- Float 3901064-79



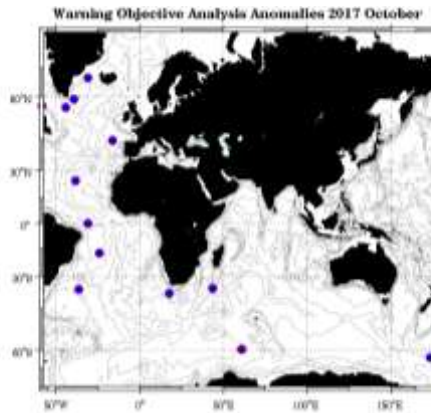
Warning Objective Analysis Anomalies 2017 October TEMP PSAL : DAC AO- Float 3901064-80



## 2. DAC BODC

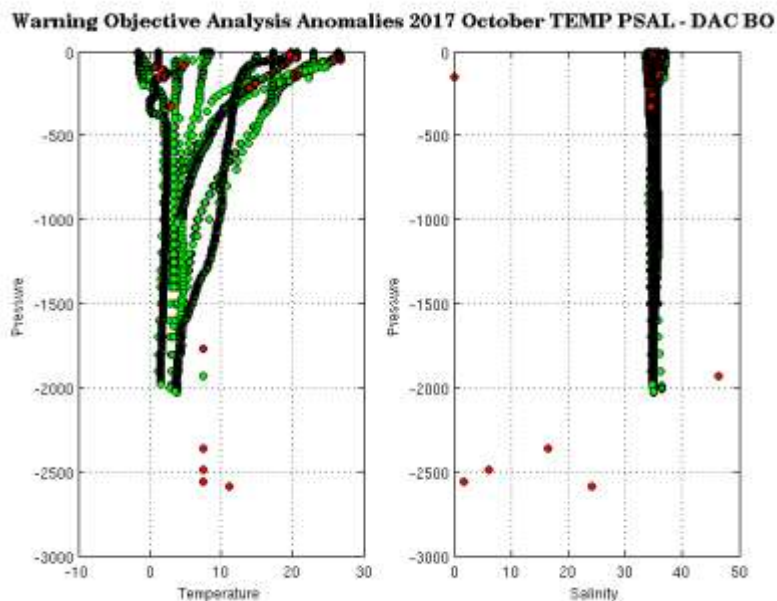
Profiles detected by the objective analysis: 16 profiles (13 floats – float can have several cycles with anomalies)

Data_mode ='R'	Data_mode ='A'	Data_mode ='D'
5 cycles	11 cycles	0 cycle



**Status of corrections:** Correction done for some profiles, some feedback, still profiles to correct.

- Float : 1901273 - Cycle : 216 - PI : Jon Turton - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 5545 - Date : 2017 9 26
- Float : 1901277 - Cycle : 215 - PI : Jon Turton - Data mode : A - INST REF : APEX-SBE 4901 - Date : 2017 10 12
- Float : 1901277 - Cycle : 216 - PI : Jon Turton - Data mode : A - INST REF : APEX-SBE 4901 - Date : 2017 10 22
- Float : 1901294 - Cycle : 170 - PI : Jon Turton - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 5353 - Date : 2016 1 12
- Float : 1901300 - Cycle : 167 - PI : Jon Turton - Data mode : A - INST REF : APEX-SBE 5590 - Date : 2017 10 6
- Float : 3901524 - Cycle : 38 - PI : Jon Turton - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7587 - Date : 2017 10 21
- Float : 3901897 - Cycle : 15 - PI : Josep Llu s Pelegr - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : AI2600-16FR060 - Date : 2017 9 29
- Float : 3901904 - Cycle : 27 - PI : Pierre-Marie Poulain - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : AR2600-16FR067 - Date : 2017 10 13
- Float : 3901912 - Cycle : 52 - PI : Romain Cancouet - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : AI2600-16FR075 - Date : 2017 10 1
- Float : 3901943 - Cycle : 2 - PI : Romain Cancouet - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : AI2600-16FR086 - Date : 2017 10 2
- Float : 6901119 - Cycle : 220 - PI : Jon Turton - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 3908 - Date : 2017 9 29
- Float : 6901119 - Cycle : 221 - PI : Jon Turton - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 3908 - Date : 2017 10 9
- Float : 6901119 - Cycle : 222 - PI : Jon Turton - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 3908 - Date : 2017 10 19
- Float : 6901166 - Cycle : 119 - PI : Jon Turton - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 6608 - Date : 2017 10 3
- Float : 6901171 - Cycle : 118 - PI : Jon Turton - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7012 - Date : 2017 9 19
- Float : 6901178 - Cycle : 85 - PI : Jon Turton - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7209 - Date : 2017 10 12

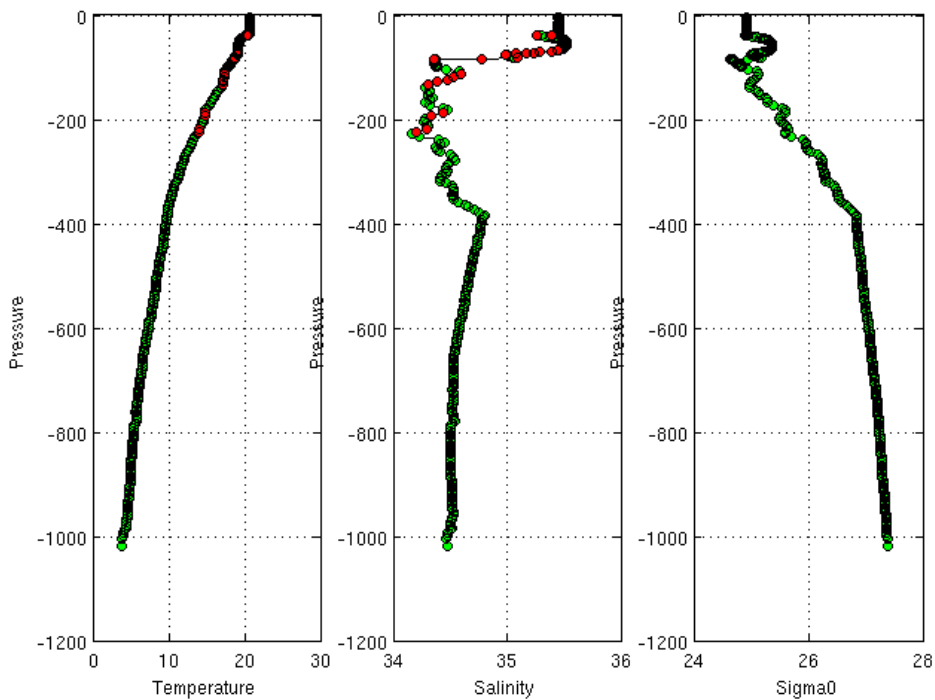


DAC\_CODE,PLATFORM\_CODE,CV\_NUMBER,DATE\_UPDATE,DIRECTION,WEB\_URL,PARAMETER,START\_IMMERSION,STOP\_IMMERSION,OLD\_QC,NEW\_QC  
BO,1901273,216,06/10/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53858426 ,PSAL,100.1,120.1,1,4  
BO,1901273,216,06/10/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53858426 ,TEMP\_ADJUSTED,89.6,109.8,1,4  
BO,1901277,215,12/10/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53981172 ,PSAL,4.4,1899.5,1,3  
BO,1901277,215,12/10/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53981172 ,PSAL\_ADJUSTED,4.4,1899.5,1,3  
BO,1901277,216,22/10/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=54094750 ,PSAL,7.1,1899.2,1,3  
BO,1901277,216,22/10/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=54094750 ,PSAL\_ADJUSTED,7.1,1899.2,1,3  
BO,1901294,170,04/10/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=42740221 ,TEMP,1637.3,1637.3,3,1  
BO,1901300,167,07/10/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53949891 ,PSAL,149.8,149.8,1,4  
BO,1901300,167,07/10/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53949891 ,PSAL,190.1,190.1,1,4  
BO,1901300,167,07/10/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53949891 ,PSAL,1999.9,1999.9,1,4  
BO,1901300,167,07/10/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53949891 ,PSAL,330.5,330.5,1,4  
BO,1901300,167,07/10/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53949891 ,PSAL,480,480,1,4  
BO,1901300,167,07/10/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53949891 ,PSAL,90.1,90.1,1,4  
BO,1901300,167,07/10/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53949891 ,PSAL\_ADJUSTED,149.8,149.8,1,4  
BO,1901300,167,07/10/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53949891 ,PSAL\_ADJUSTED,190.1,190.1,1,4  
BO,1901300,167,07/10/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53949891 ,PSAL\_ADJUSTED,1999.9,1999.9,1,4  
BO,1901300,167,07/10/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53949891 ,PSAL\_ADJUSTED,330.5,330.5,1,4  
BO,1901300,167,07/10/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53949891 ,PSAL\_ADJUSTED,480,480,1,4  
BO,1901300,167,07/10/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53949891 ,PSAL\_ADJUSTED,90.1,90.1,1,4  
BO,3901524,38,22/10/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=54092170 ,PSAL,158,158,1,4  
BO,3901524,38,22/10/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=54092170 ,PSAL\_ADJUSTED,158,158,1,4  
BO,3901897,15,29/09/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53879897 ,PSAL,3.6,2031,1,3  
BO,3901904,27,13/10/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=54019685 ,PSAL,101.2,102.1,1,4  
BO,3901904,27,13/10/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=54019685 ,PSAL,106.9,106.9,1,4  
BO,3901904,27,13/10/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=54019685 ,PSAL,111.6,111.6,1,4  
BO,3901904,27,13/10/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=54019685 ,PSAL,121.5,121.5,1,4  
BO,3901904,27,13/10/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=54019685 ,PSAL,124.6,124.6,1,4  
BO,3901904,27,13/10/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=54019685 ,PSAL,126.6,126.6,1,4  
BO,3901904,27,13/10/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=54019685 ,PSAL,133.9,133.9,1,4  
BO,3901904,27,13/10/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=54019685 ,PSAL,151.8,153.9,1,4  
BO,3901904,27,13/10/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=54019685 ,PSAL,156,156.9,1,4  
BO,3901904,27,13/10/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=54019685 ,PSAL,165.2,165.2,1,4  
BO,3901904,27,13/10/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=54019685 ,PSAL,168.3,168.3,1,4  
BO,3901904,27,13/10/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=54019685 ,PSAL,174.6,174.6,1,4  
BO,3901904,27,13/10/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=54019685 ,PSAL,193.2,193.2,1,4  
BO,3901904,27,13/10/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=54019685 ,PSAL,240.1,240.9,1,4  
BO,3901904,27,13/10/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=54019685 ,PSAL,277.7,279.5,1,4  
BO,3901904,27,13/10/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=54019685 ,PSAL,349.3,351.3,1,4  
BO,3901904,27,13/10/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=54019685 ,PSAL,363.2,363.2,1,4  
BO,3901904,27,13/10/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=54019685 ,PSAL,369.3,369.3,1,4  
BO,3901904,27,13/10/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=54019685 ,PSAL,379.3,379.3,1,4  
BO,3901904,27,13/10/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=54019685 ,PSAL,94,95.8,1,4  
BO,3901912,52,01/10/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53899174 ,PSAL,138.2,182.6,1,4  
BO,3901912,52,01/10/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53899174 ,PSAL,198.2,213.3,1,4  
BO,3901912,52,01/10/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53899174 ,PSAL,227.4,377.9,1,4  
BO,3901912,52,01/10/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53899174 ,PSAL,38.9,66.4,1,3  
BO,3901912,52,01/10/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53899174 ,PSAL,75.9,80.9,1,4  
BO,3901912,52,01/10/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53899174 ,PSAL,84.9,107.6,1,4  
BO,3901943,2,02/10/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53902995 ,PSAL,17.2,22.2,1,4  
BO,3901943,2,02/10/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53902995 ,PSAL,183.1,193.8,1,4  
BO,3901943,2,02/10/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53902995 ,PSAL,207.9,211.9,1,4  
BO,3901943,2,02/10/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53902995 ,PSAL,25.9,38.2,1,4  
BO,6901119,220,29/09/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53880854 ,PSAL,160.1,2002.3,1,4  
BO,6901119,220,29/09/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53880854 ,PSAL,60.3,129.6,1,4  
BO,6901119,220,29/09/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53880854 ,PSAL\_ADJUSTED,160.1,2002.3,1,4  
BO,6901119,220,29/09/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53880854 ,PSAL\_ADJUSTED,60.3,129.6,1,4  
BO,6901119,221,09/10/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53971420 ,PSAL,49.6,1988.2,1,4  
BO,6901119,221,09/10/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53971420 ,PSAL\_ADJUSTED,49.6,1988.2,1,4  
BO,6901119,222,19/10/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=54060469 ,PSAL,160.4,2007.9,1,4  
BO,6901119,222,19/10/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=54060469 ,PSAL,59.3,129.8,1,4  
BO,6901119,222,19/10/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=54060469 ,PSAL\_ADJUSTED,160.4,2007.9,1,4  
BO,6901119,222,19/10/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=54060469 ,PSAL\_ADJUSTED,59.3,129.8,1,4  
BO,6901166,119,06/10/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53949830 ,TEMP,153.9,153.9,1,4  
BO,6901166,119,06/10/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53949830 ,TEMP,1930.6,1930.6,1,4  
BO,6901171,118,06/10/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53787620 ,PSAL,1600.5,1899.8,1,3

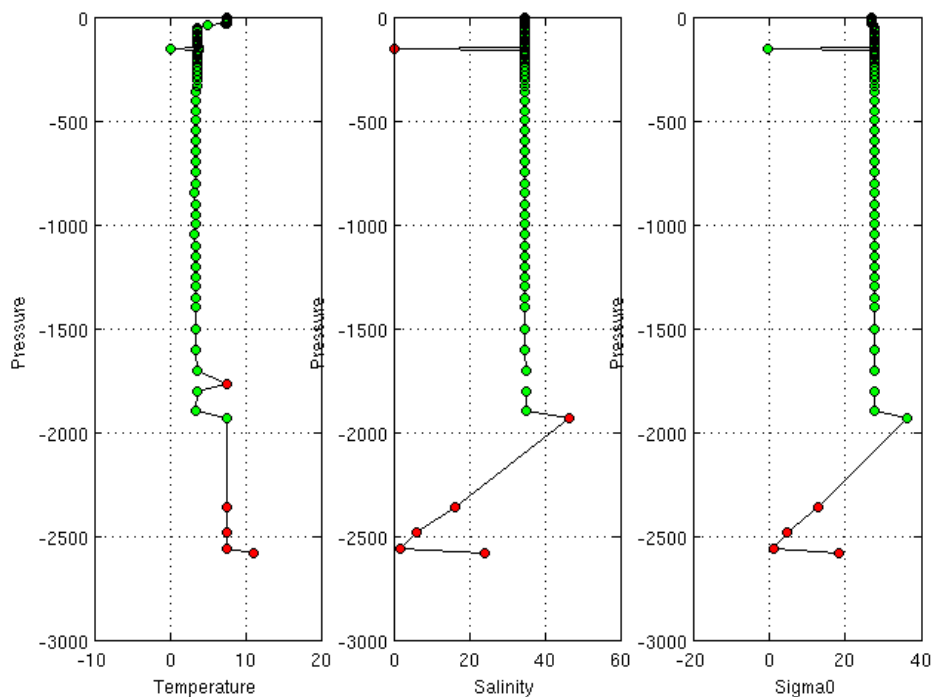
BO,6901171,118,06/10/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53787620 ,PSAL\_ADJUSTED,1600.5,1899.8,1,3  
 BO,6901178,85,,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53981656 ,TEMP,1300.3,1400.3,1,3  
 BO,6901178,85,,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53981656 ,TEMP\_ADJUSTED,1300.3,1400.3,1,3  
 BO,6901178,85,13/10/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53981656 ,TEMP,1250.2,1400.3,1,3  
 BO,6901178,85,13/10/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53981656 ,TEMP\_ADJUSTED,1250.2,1400.3,1,3

Example of corrections:

**Warning Objective Analysis Anomalies 2017 October TEMP PSAL : DAC BO- Float 3901912-52**



**Warning Objective Analysis Anomalies 2017 October TEMP PSAL : DAC BO- Float 6901166-119**

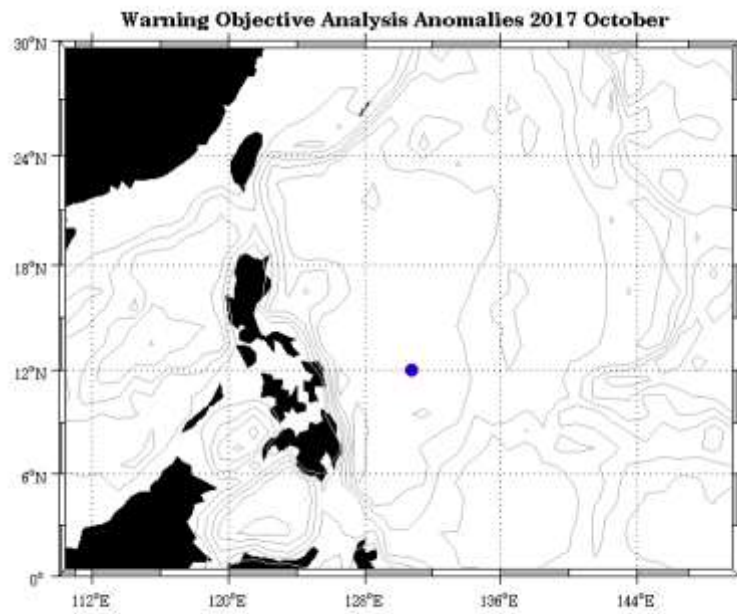




### 3. DAC CSIO

Profiles detected by the objective analysis: 1 profile (1 float – float can have several cycles with anomalies)

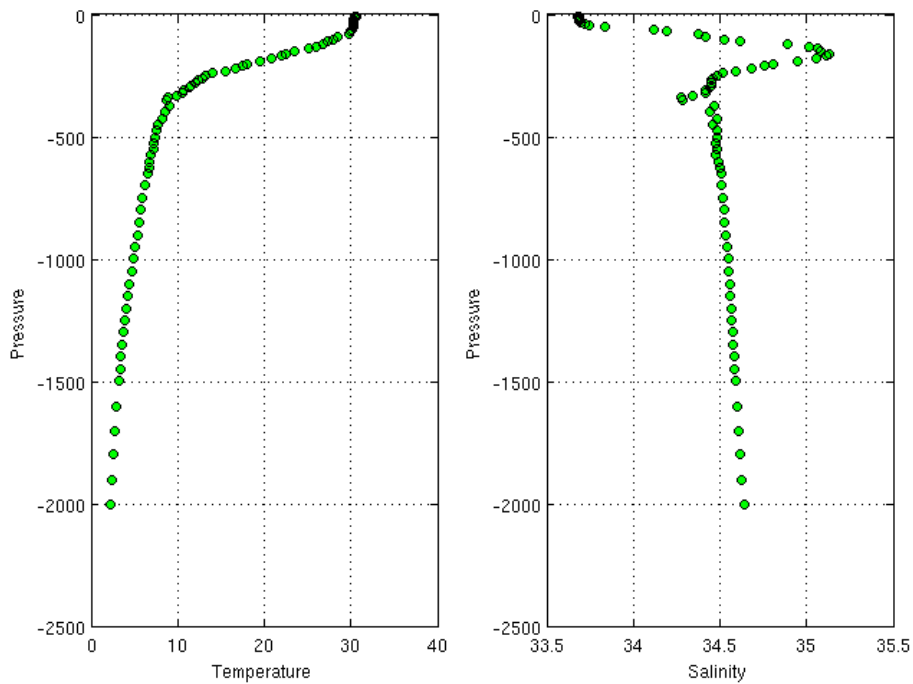
Data_mode ='R'	Data_mode ='A'	Data_mode ='D'
0 cycle	1 cycle	0 cycle



**Status of corrections: Correction not done, no feedbacks**

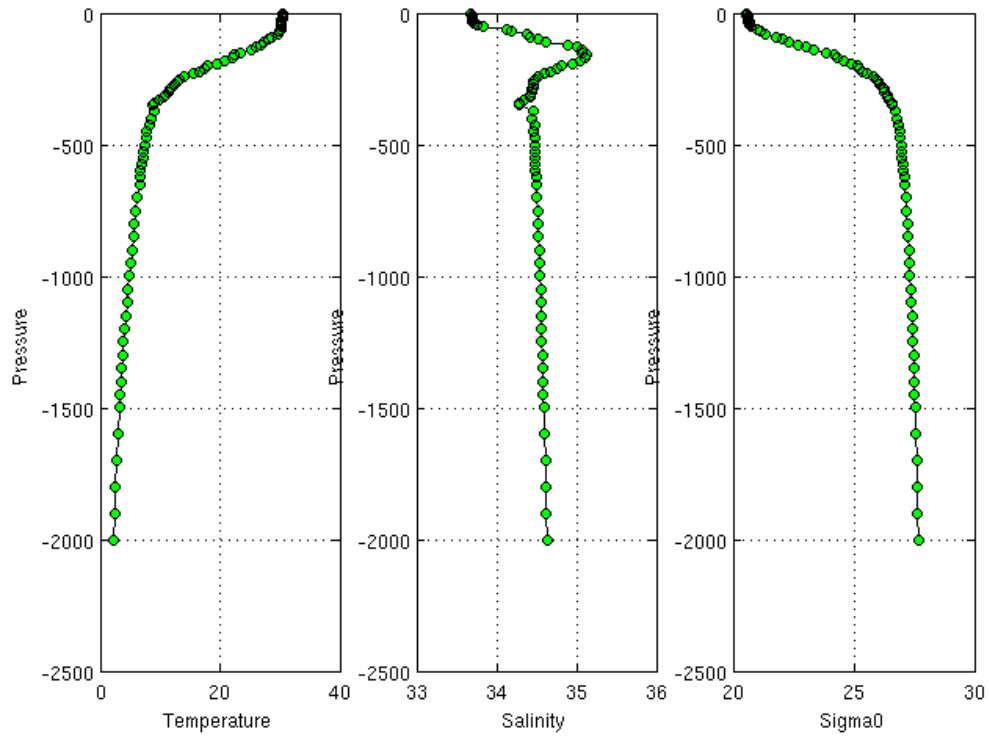
Float : 2901545 - Cycle : 138 - PI : JIANPING XU - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 6570 - Date : 2017 10 5

**Warning Objective Analysis Anomalies 2017 October 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,2901545,138,06/10/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53949844 ,TEMP,25.4,25.4,1,4

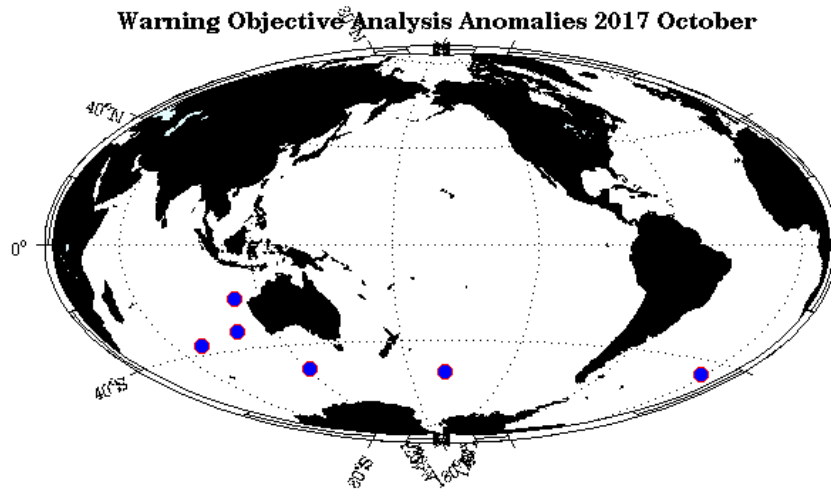
Example of corrections:



## 4. DAC CSIRO

Profiles detected by the objective analysis: 6 profiles (6 floats – float can have several cycles with anomalies)

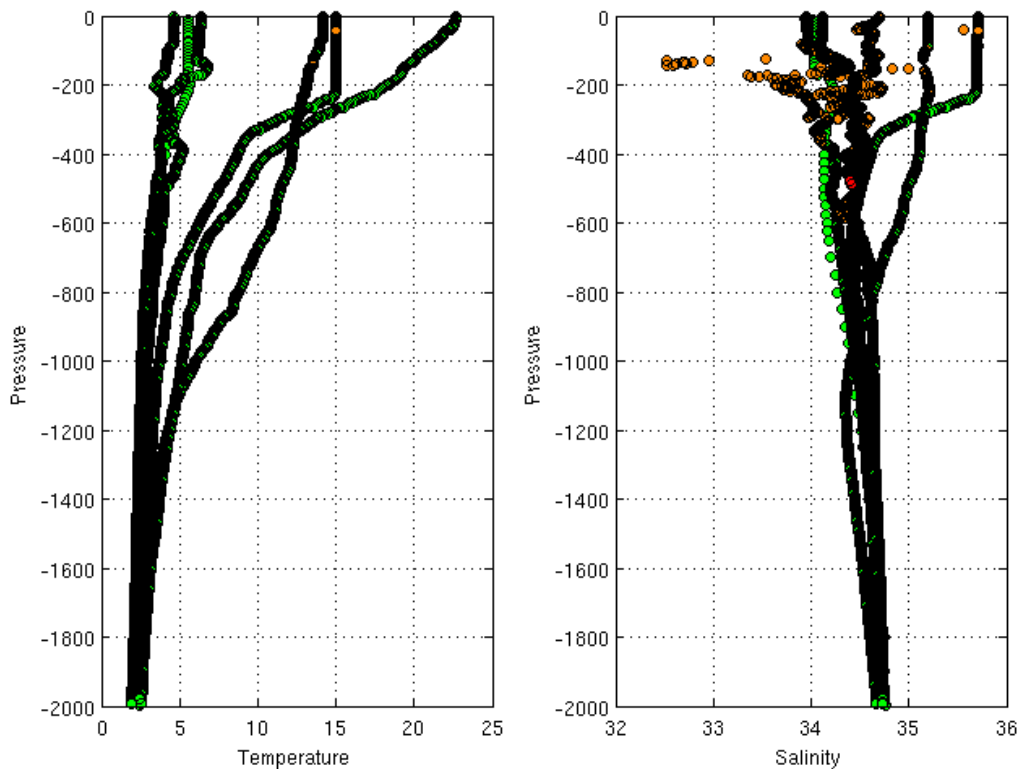
Data_mode ='R'	Data_mode ='A'	Data_mode ='D'
0 cycle	6 cycles	0 cycle



**Status of corrections: Corrections done, feedback.**

Float : 5903227 - Cycle : 287 - PI : Susan Wijffels - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 4723 - Date : 2017 10 6  
 Float : 5903668 - Cycle : 248 - PI : Susan Wijffels - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 5148 - Date : 2017 10 23  
 Float : 5903948 - Cycle : 195 - PI : Susan Wijffels - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 5100 - Date : 2017 10 5  
 Float : 5904247 - Cycle : 158 - PI : Susan Wijffels - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 6635 - Date : 2017 10 3  
 Float : 5905025 - Cycle : 66 - PI : Susan Wijffels - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7372 - Date : 2017 10 16  
 Float : 5905174 - Cycle : 35 - PI : Susan Wijffels - Data mode : A - Platform type : NAVIS\_A - WMO inst type : 863 - FLOAT SERIAL : 694 - Date : 2017 10 8

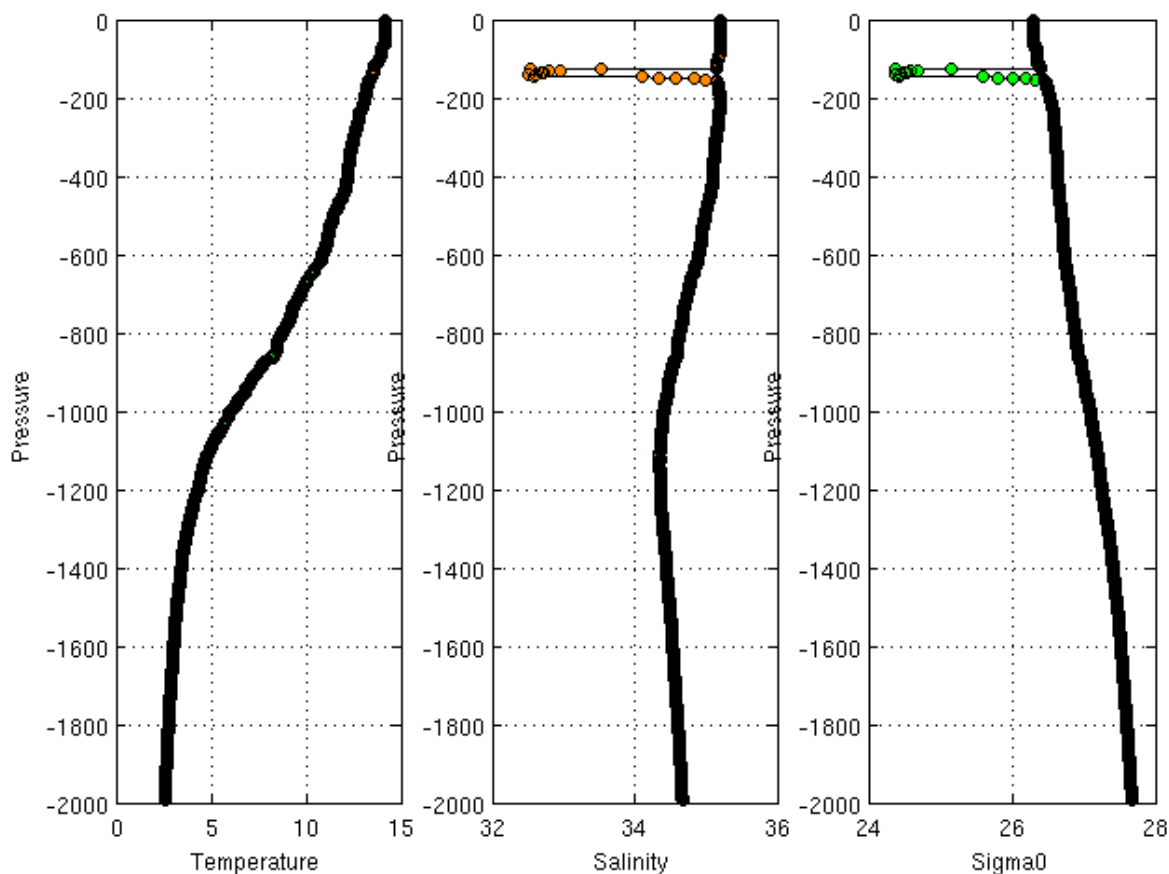
### Warning Objective Analysis Anomalies 2017 October TEMP PSAL - DAC CS



CS,5903227,287,09/10/2017 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=53950169> ,PSAL\_ADJUSTED,10.7,1999.5,1,3  
 CS,5903668,248,24/10/2017 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=54100801> ,PSAL,154,398,3,4  
 CS,5903668,248,24/10/2017 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=54100801> ,PSAL,2.8,149.9,1,3  
 CS,5903668,248,24/10/2017 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=54100801> ,PSAL,402,802,3,4  
 CS,5903668,248,24/10/2017 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=54100801> ,PSAL\_ADJUSTED,154,398,3,4  
 CS,5903668,248,24/10/2017 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=54100801> ,PSAL\_ADJUSTED,2.8,149.9,1,3  
 CS,5903668,248,24/10/2017 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=54100801> ,PSAL\_ADJUSTED,402,802,3,4  
 CS,5903948,195,23/10/2017 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=54097726> ,PSAL,4.3,474,4,3  
 CS,5903948,195,23/10/2017 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=54097726> ,PSAL,478,486,4,3  
 CS,5903948,195,23/10/2017 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=54097726> ,PSAL,478,604,1,3  
 CS,5903948,195,23/10/2017 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=54097726> ,PSAL\_ADJUSTED,4.3,484,4,3  
 CS,5903948,195,23/10/2017 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=54097726> ,PSAL\_ADJUSTED,478,604,1,3  
 CS,5904247,158,03/10/2017 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=53923833> ,PSAL,126,154,3,4  
 CS,5904247,158,03/10/2017 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=53923833> ,PSAL\_ADJUSTED,126,154,3,4  
 CS,5905025,66,16/10/2017 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=54034232> ,PSAL,127.9,226,3,4  
 CS,5905025,66,16/10/2017 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=54034232> ,PSAL,266,276,1,4  
 CS,5905025,66,16/10/2017 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=54034232> ,PSAL,280,316,3,4  
 CS,5905025,66,16/10/2017 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=54034232> ,PSAL\_ADJUSTED,130,226,3,4  
 CS,5905025,66,16/10/2017 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=54034232> ,PSAL\_ADJUSTED,262,276,1,4  
 CS,5905025,66,16/10/2017 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=54034232> ,PSAL\_ADJUSTED,280,316,3,4  
 CS,5905174,35,09/10/2017 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=53971135> ,PSAL,42,42,3,4  
 CS,5905174,35,09/10/2017 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=53971135> ,PSAL\_ADJUSTED,42,42,3,4

Example of corrections:

### Warning Objective Analysis Anomalies 2017 October TEMP PSAL : DAC CS- Float 5904247-158

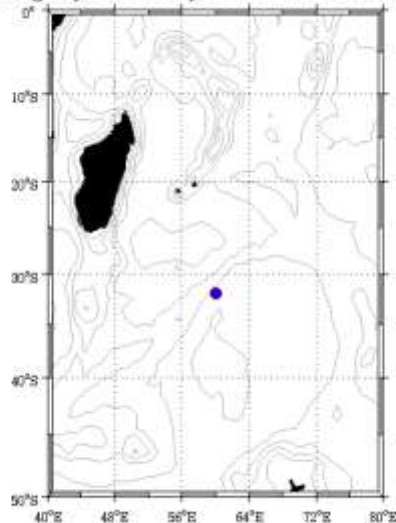


## 5. DAC INCOIS

Profiles detected by the objective analysis: 1 profile (1 float – float can have several cycles with anomalies)

Data_mode ='R'	Data_mode ='A'	Data_mode ='D'
0 cycle	1 cycle	0 cycle

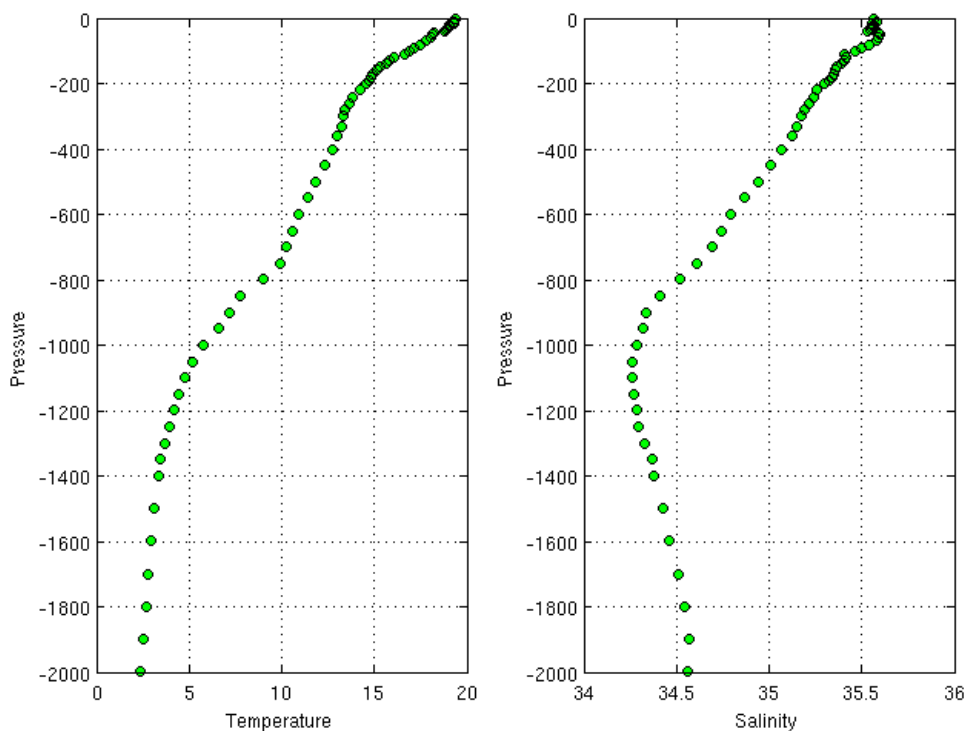
Warning Objective Analysis Anomalies 2017 October



**Status of corrections:** Corrections in progress for list of september, feedback

Float : 2902169 - Cycle : 101 - PI : M Ravichandran - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7099 - Date : 2017 10 25

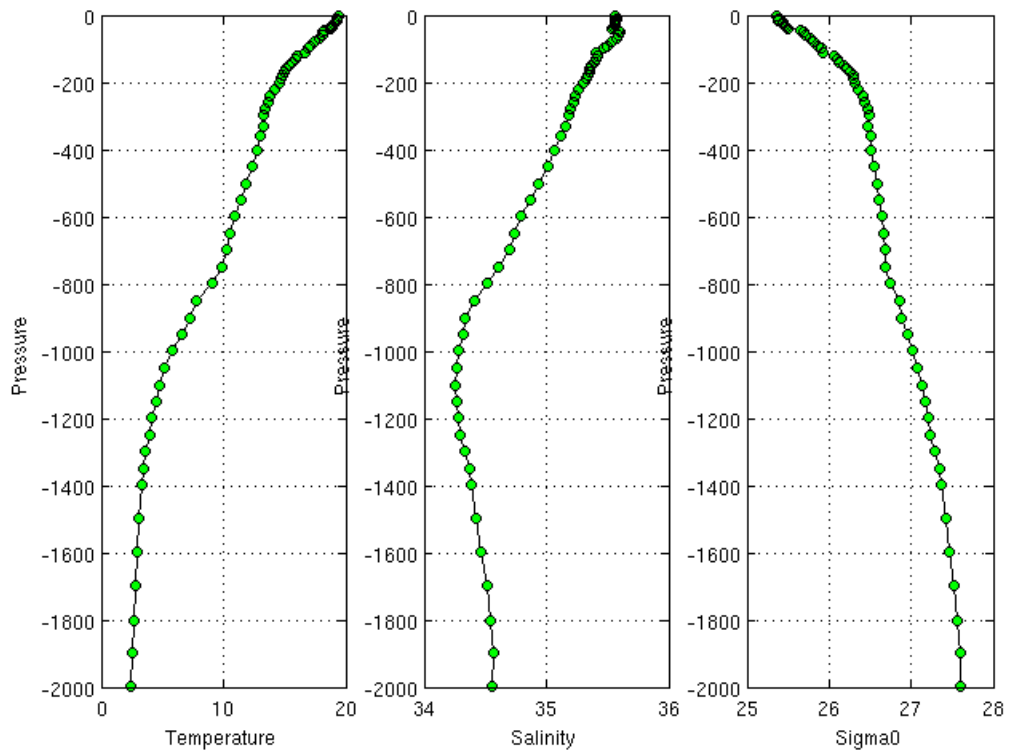
Warning Objective Analysis Anomalies 2017 October TEMP PSAL - DAC IN



DAC\_CODE,PLATFORM\_CODE,CV\_NUMBER,DATE\_UPDATE,DIRECTION,WEB\_URL,PARAMETER,START\_IMMERSION,STOP\_IMMERSION,OLD\_QC,NEW\_QC,VERTICAL\_SAMPLING\_SCHEME  
 IN,2902169,101,26/10/2017 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=54121570> ,PSAL,4.7,1999.7,1,3,Primary sampling  
 IN,2902169,101,26/10/2017 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=54121570> ,PSAL\_ADJUSTED,4.7,1999.7,1,3,Primary sampling

Example of corrections:

Warning Objective Analysis Anomalies 2017 October TEMP PSAL : DAC IN- Float 2902169-101

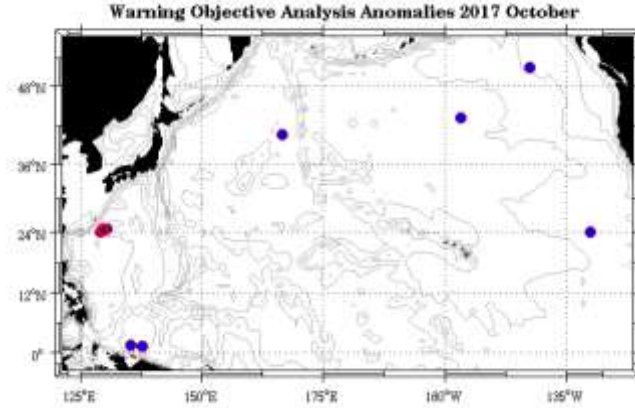




## 6. DAC JMA/JAMSTEC

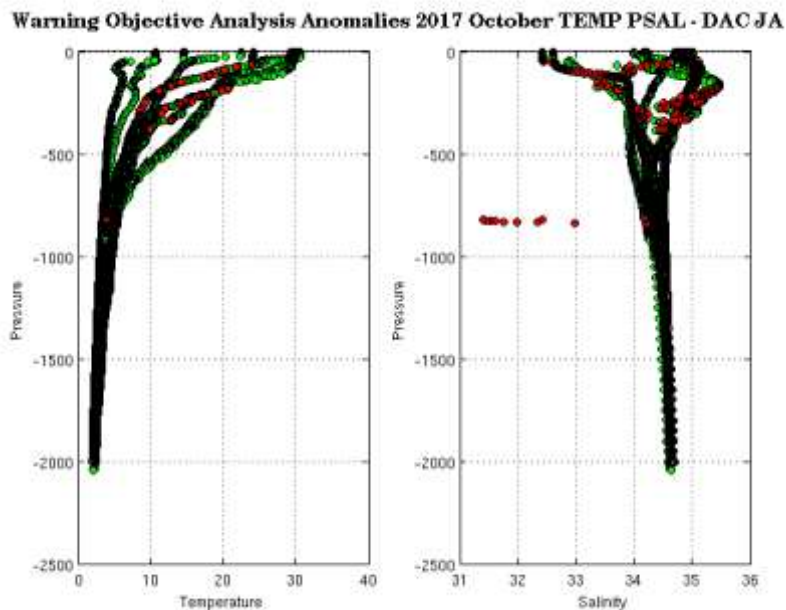
Profiles detected by the objective analysis: 14 profiles (6 floats – float can have several cycles with anomalies)

Data_mode ='R'	Data_mode ='A'	Data_mode ='D'
8 cycles	6 cycles	0 cycle



### Status of corrections: Correction done for some, no feedback

- Float : 2903186 - Cycle : 46 - PI : JMA - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : AK - Date : 2017 9 1
- Float : 2903186 - Cycle : 47 - PI : JMA - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : AK - Date : 2017 9 6
- Float : 2903186 - Cycle : 48 - PI : JMA - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : AK - Date : 2017 9 11
- Float : 2903186 - Cycle : 49 - PI : JMA - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : AK - Date : 2017 9 16
- Float : 2903186 - Cycle : 50 - PI : JMA - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : AK - Date : 2017 9 21
- Float : 2903186 - Cycle : 51 - PI : JMA - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : AK - Date : 2017 9 26
- Float : 2903186 - Cycle : 52 - PI : JMA - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : AK - Date : 2017 10 1
- Float : 2903186 - Cycle : 53 - PI : JMA - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : AK - Date : 2017 10 6
- Float : 2903206 - Cycle : 66 - PI : JAMSTEC - Data mode : A - Platform type : NAVIS\_A - WMO inst type : 863 - FLOAT SERIAL : 0673 - Date : 2017 9 11
- Float : 4901696 - Cycle : 150 - PI : JAMSTEC - Data mode : A - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : OIN-13JAP-ARL-02 - Date : 2017 10 13
- Float : 4902368 - Cycle : 47 - PI : JAMSTEC - Data mode : A - Platform type : NAVIS\_A - WMO inst type : 863 - FLOAT SERIAL : 0416 - Date : 2017 10 21
- Float : 5905045 - Cycle : 288 - PI : JAMSTEC - Data mode : A - Platform type : NAVIS\_A - WMO inst type : 863 - FLOAT SERIAL : 0563 - Date : 2017 10 1
- Float : 5905045 - Cycle : 299 - PI : JAMSTEC - Data mode : A - Platform type : NAVIS\_A - WMO inst type : 863 - FLOAT SERIAL : 0563 - Date : 2017 10 23
- Float : 5905057 - Cycle : 8 - PI : JAMSTEC - Data mode : A - Platform type : NAVIS\_A - WMO inst type : 863 - FLOAT SERIAL : 0674 - Date : 2017 9 28

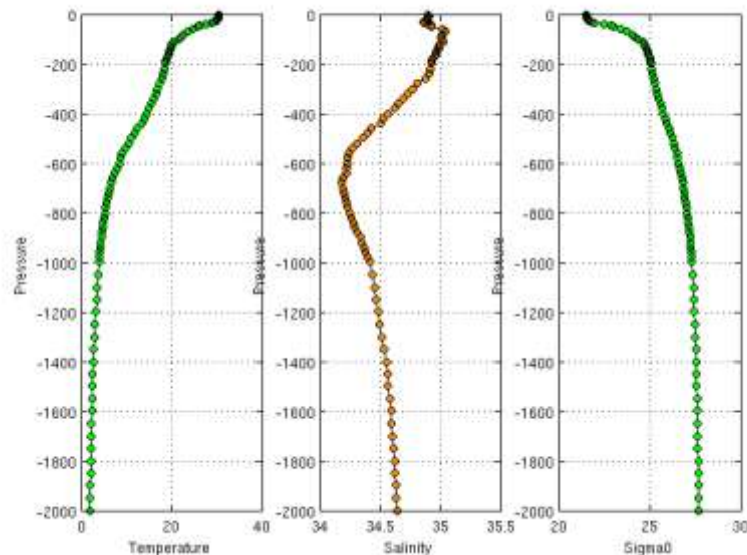


DAC\_CODE,PLATFORM\_CODE,CV\_NUMBER,DATE\_UPDATE,DIRECTION,WEB\_URL,PARAMETER,START\_IMMERSION,STOP\_IMMERSION,OLD\_QC,NEW\_QC  
 JA,2903186,46,05/09/2017 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=53593892> ,PSAL,1,2000.3,1,3

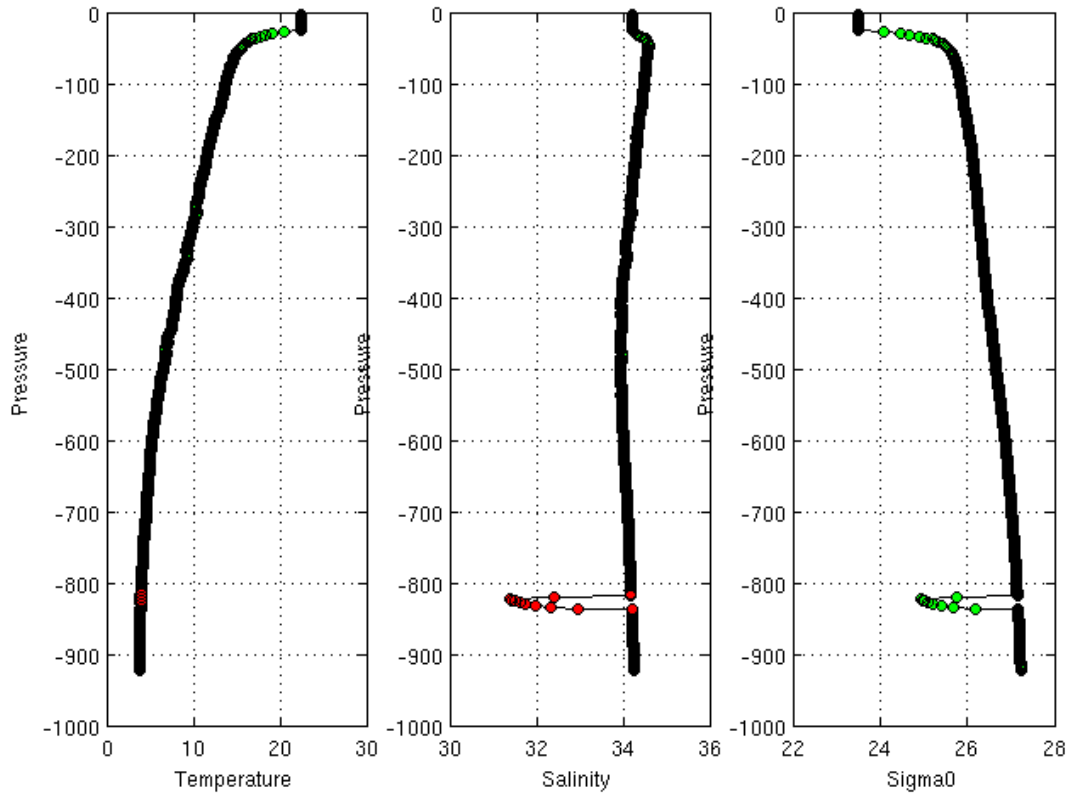
JA,2903186,47,10/09/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53624958 ,PSAL,1,2,2000,1,3  
 JA,2903186,48,15/09/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53695879 ,PSAL,,7,2000,1,3  
 JA,2903186,49,20/09/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53759227 ,PSAL,0,1999,6,1,3  
 JA,2903186,50,25/09/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53809724 ,PSAL,,7,1977,9,1,3  
 JA,2903186,51,30/09/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53858147 ,PSAL,,2,1995,4,1,3  
 JA,2903186,52,01/10/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53899674 ,PSAL,,7,2000,8,1,3  
 JA,2903186,52,05/10/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53899674 ,PSAL,,7,2000,8,1,3  
 JA,2903186,53,06/10/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53950134 ,PSAL,,9,2000,1,3  
 JA,2903186,53,10/10/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53950134 ,PSAL,,9,2000,1,3  
 JA,2903206,66,03/10/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53695980 ,PSAL,826,836,1,4  
 JA,2903206,66,03/10/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53695980 ,PSAL\_ADJUSTED,826,836,1,4  
 JA,4901696,150,17/10/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=54022565 ,PSAL,39.9,39.9,1,4  
 JA,4901696,150,17/10/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=54022565 ,PSAL\_ADJUSTED,39.9,39.9,1,4  
 JA,4902368,47,21/10/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=54080504 ,PSAL,698,698,1,4  
 JA,4902368,47,21/10/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=54080504 ,PSAL\_ADJUSTED,698,698,1,4  
 JA,5905045,288,02/10/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53899742 ,PSAL,196,196,1,4  
 JA,5905045,288,02/10/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53899742 ,PSAL,208,208,1,4  
 JA,5905045,288,02/10/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53899742 ,PSAL,260,268,1,4  
 JA,5905045,288,02/10/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53899742 ,PSAL,280,280,1,4  
 JA,5905045,288,02/10/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53899742 ,PSAL,306,306,1,4  
 JA,5905045,288,02/10/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53899742 ,PSAL\_ADJUSTED,196,196,1,4  
 JA,5905045,288,02/10/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53899742 ,PSAL\_ADJUSTED,208,208,1,4  
 JA,5905045,288,02/10/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53899742 ,PSAL\_ADJUSTED,260,268,1,4  
 JA,5905045,288,02/10/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53899742 ,PSAL\_ADJUSTED,280,280,1,4  
 JA,5905045,288,02/10/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53899742 ,PSAL\_ADJUSTED,306,306,1,4  
 JA,5905045,299,24/10/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=54098480 ,PSAL,210,210,1,4  
 JA,5905045,299,24/10/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=54098480 ,PSAL,244,244,1,4  
 JA,5905045,299,24/10/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=54098480 ,PSAL,250,252,1,4  
 JA,5905045,299,24/10/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=54098480 ,PSAL,256,256,1,4  
 JA,5905045,299,24/10/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=54098480 ,PSAL,300,310,1,4  
 JA,5905045,299,24/10/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=54098480 ,PSAL,340,340,1,4  
 JA,5905045,299,24/10/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=54098480 ,PSAL,384,384,1,4  
 JA,5905045,299,24/10/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=54098480 ,PSAL,400,402,1,4  
 JA,5905045,299,24/10/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=54098480 ,PSAL,440,440,1,4  
 JA,5905045,299,24/10/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=54098480 ,PSAL\_ADJUSTED,210,210,1,4  
 JA,5905045,299,24/10/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=54098480 ,PSAL\_ADJUSTED,250,252,1,4  
 JA,5905045,299,24/10/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=54098480 ,PSAL\_ADJUSTED,256,256,1,4  
 JA,5905045,299,24/10/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=54098480 ,PSAL\_ADJUSTED,302,310,1,4  
 JA,5905045,299,24/10/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=54098480 ,PSAL\_ADJUSTED,340,340,1,4  
 JA,5905045,299,24/10/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=54098480 ,PSAL\_ADJUSTED,384,384,1,4  
 JA,5905045,299,24/10/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=54098480 ,PSAL\_ADJUSTED,400,405.9,1,4  
 JA,5905045,299,24/10/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=54098480 ,PSAL\_ADJUSTED,440,440,1,4  
 JA,5905057,8,28/09/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53864844 ,PSAL,70,72,1,4  
 JA,5905057,8,28/09/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53864844 ,PSAL\_ADJUSTED,70,72,1,4

Example of anomalies:

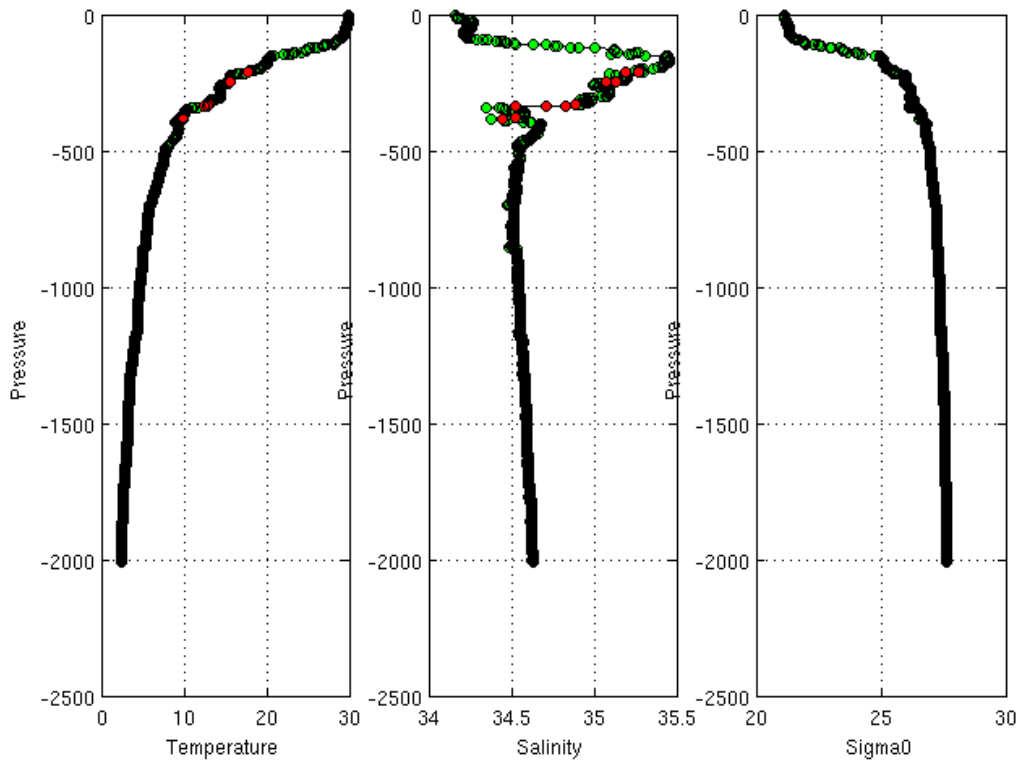
Warning Objective Analysis Anomalies 2017 October TEMP PSAL : DAC JA- Float 2903186-47



Warning Objective Analysis Anomalies 2017 October TEMP PSAL : DAC JA- Float 2903206-66



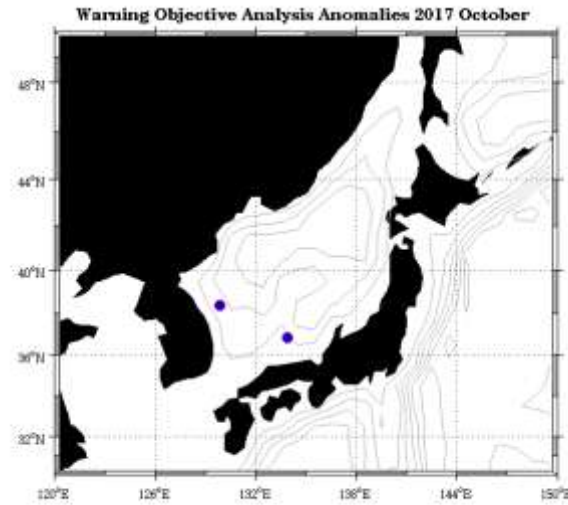
Warning Objective Analysis Anomalies 2017 October TEMP PSAL : DAC JA- Float 5905045-299



## 7. DAC KMA

Profiles detected by the objective analysis: 2 profiles (2 floats – float can have several cycles with anomalies)

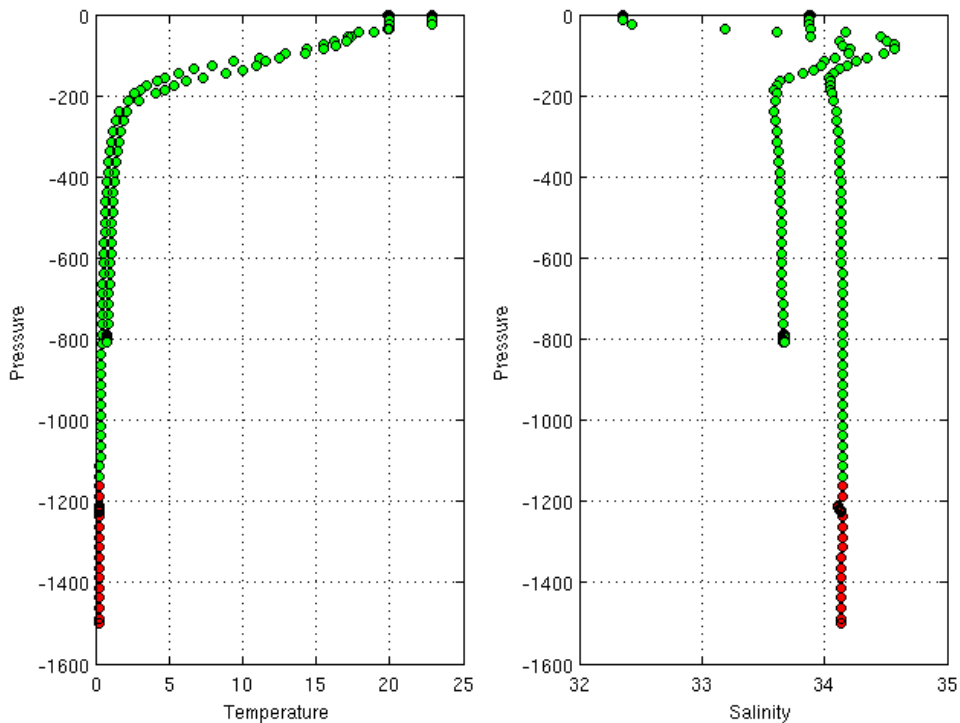
Data_mode ='R'	Data_mode ='A'	Data_mode ='D'
2 cycles	0 cycle	0 cycle



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

Float : 2901724 - Cycle : 165 - PI : Youngsoo Jeon - Data mode : R - Platform type : ARVOR - WMO inst type : 846 - FLOAT SERIAL : n/a - Date : 2017 10 3  
 Float : 2901759 - Cycle : 45 - PI : Jaeyoung Byon - Data mode : R - Platform type : ARVOR - WMO inst type : 846 - FLOAT SERIAL : n/a - Date : 2017 10 23

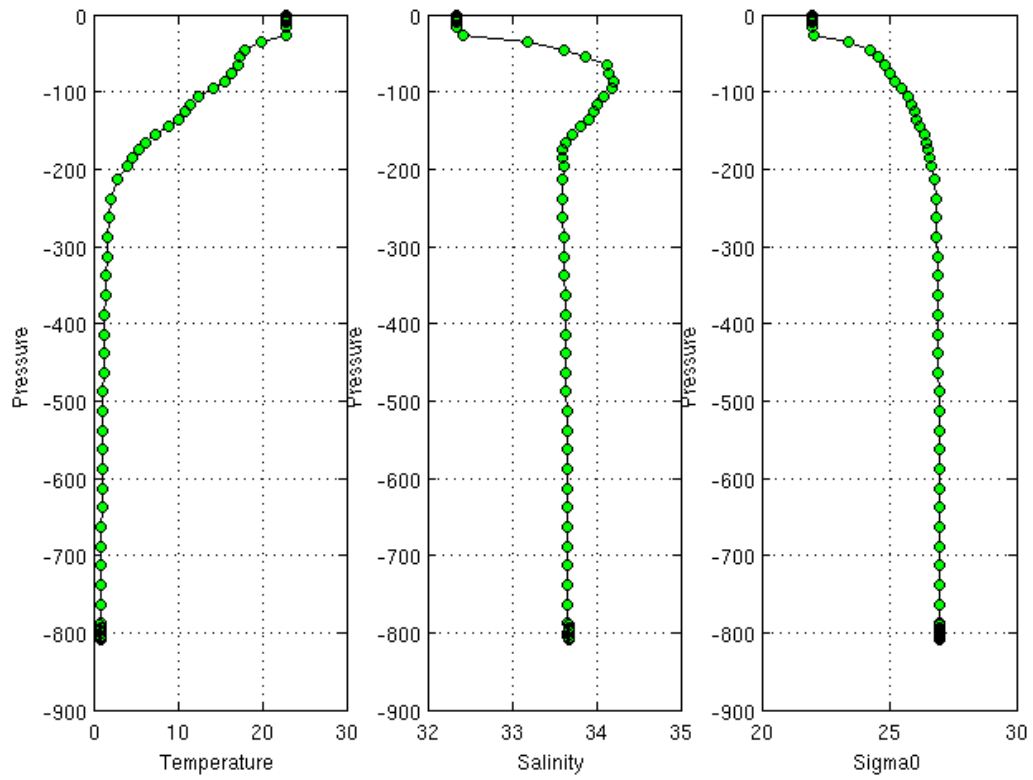
### Warning Objective Analysis Anomalies 2017 October TEMP PSAL - DAC KM



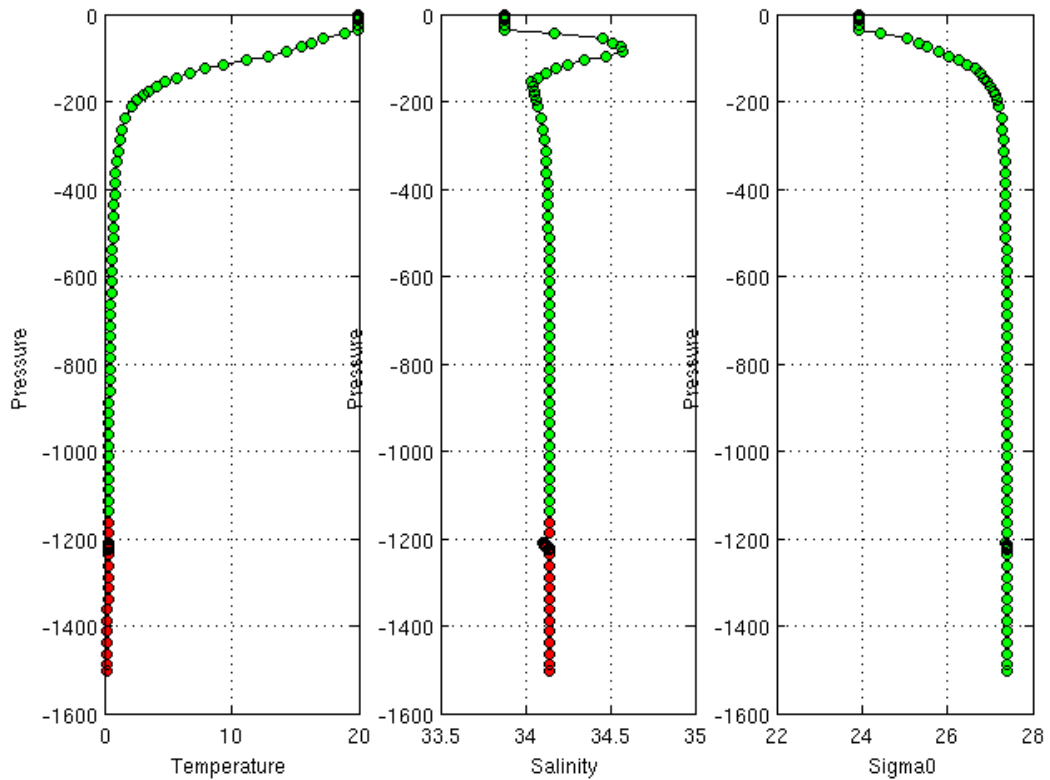
DAC\_CODE,PLATFORM\_CODE,CV\_NUMBER,DATE\_UPDATE,DIRECTION,WEB\_URL,PARAMETER,START\_IMMERSION,STOP\_IMMERSION,OLD\_QC,NEW\_QC  
 KM,2901724,165,10/10/2017 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=53974319> ,PSAL,1,809,1,3  
 KM,2901724,165,10/10/2017 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=53974319> ,TEMP,1,809,1,3  
 KM,2901759,45,24/10/2017 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=54100788> ,PSAL,1,1139,1,3

Example of anomalies:

Warning Objective Analysis Anomalies 2017 October TEMP PSAL : DAC KM- Float 2901724-165



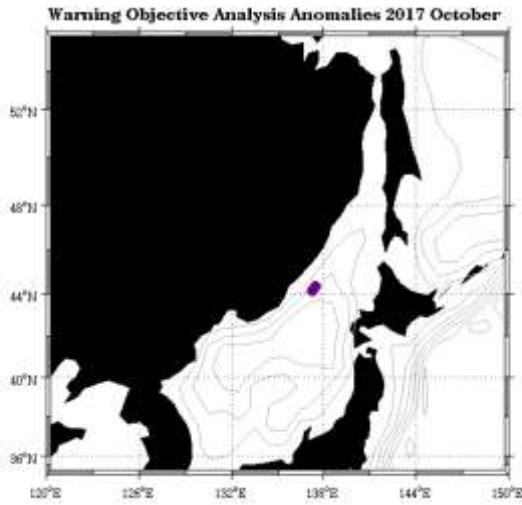
Warning Objective Analysis Anomalies 2017 October TEMP PSAL : DAC KM- Float 2901759-45



## 8. DAC KORDI

Profiles detected by the objective analysis: 3 profiles (1 float – float can have several cycles with anomalies)

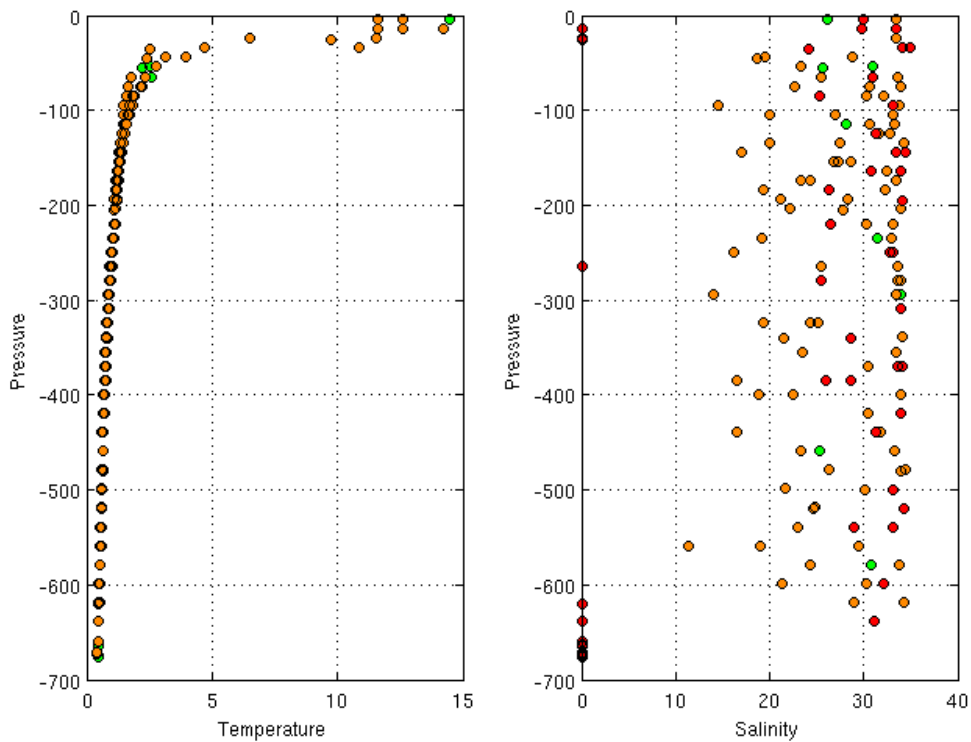
Data_mode ='R'	Data_mode ='A'	Data_mode ='D'
0 cycle	3 cycles	0 cycle



**Status of corrections:** Corrections not done, no feedback.

Float : 2900452 - Cycle : 474 - PI : Moon-Sik Suk - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 1540 - Date : 2017 9 30  
 Float : 2900452 - Cycle : 475 - PI : Moon-Sik Suk - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 1540 - Date : 2017 10 10  
 Float : 2900452 - Cycle : 476 - PI : Moon-Sik Suk - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 1540 - Date : 2017 10 20

### Warming Objective Analysis Anomalies 2017 October TEMP PSAL - DAC KO



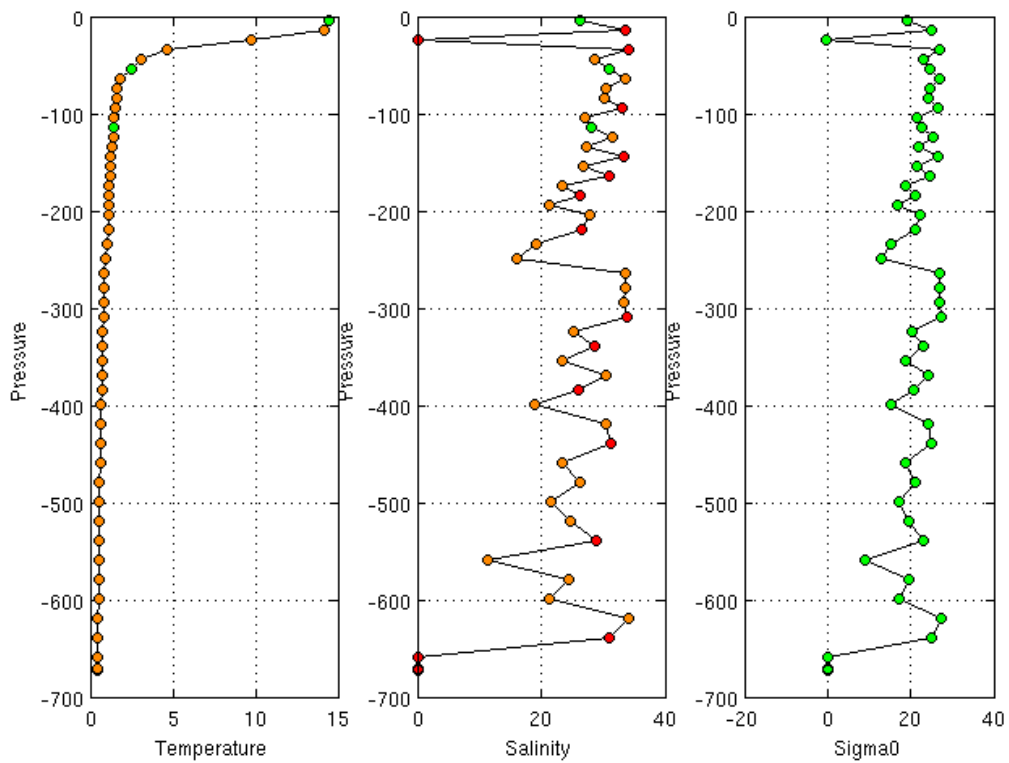
DAC\_CODE,PLATFORM\_CODE,CV\_NUMBER,DATE\_UPDATE,DIRECTION,WEB\_URL,PARAMETER,START\_IMMERSION,STOP\_IMMERSION,OLD\_QC,NEW\_QC  
 KO,2900452,474,01/10/2017 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=53899120> ,PSAL,104,134.4,3,4  
 KO,2900452,474,01/10/2017 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=53899120> ,PSAL,154.4,154.4,3,4



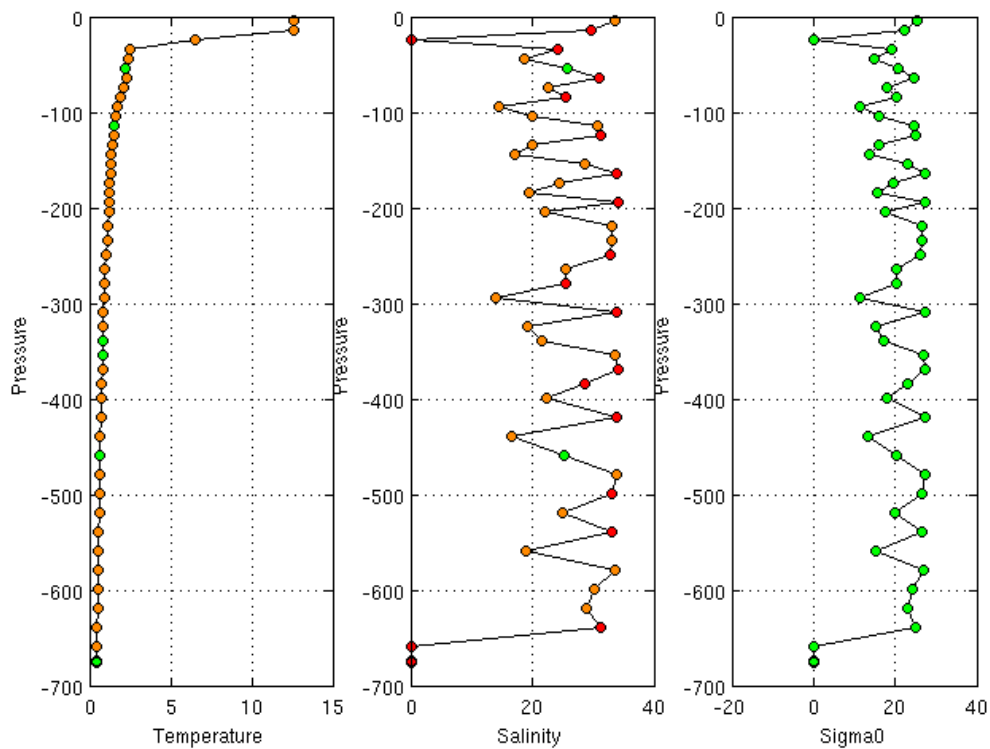


Example of anomalies:

Warning Objective Analysis Anomalies 2017 October TEMP PSAL : DAC KO- Float 2900452-474



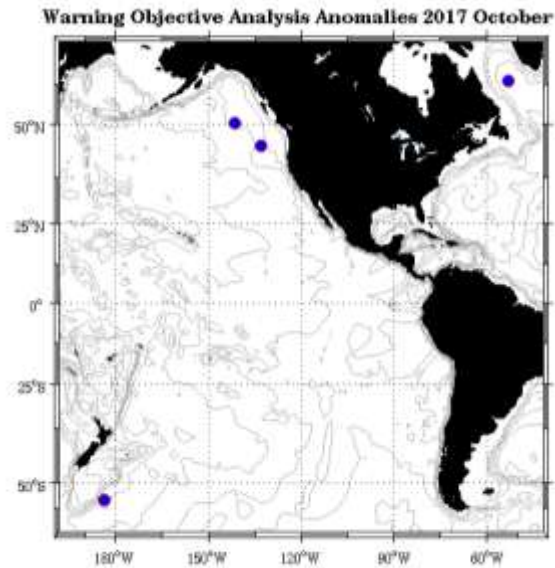
Warning Objective Analysis Anomalies 2017 October TEMP PSAL : DAC KO- Float 2900452-475



## 9. DAC MEDS

Profiles detected by the objective analysis: 4 profiles (4 floats – float can have several cycles with anomalies)

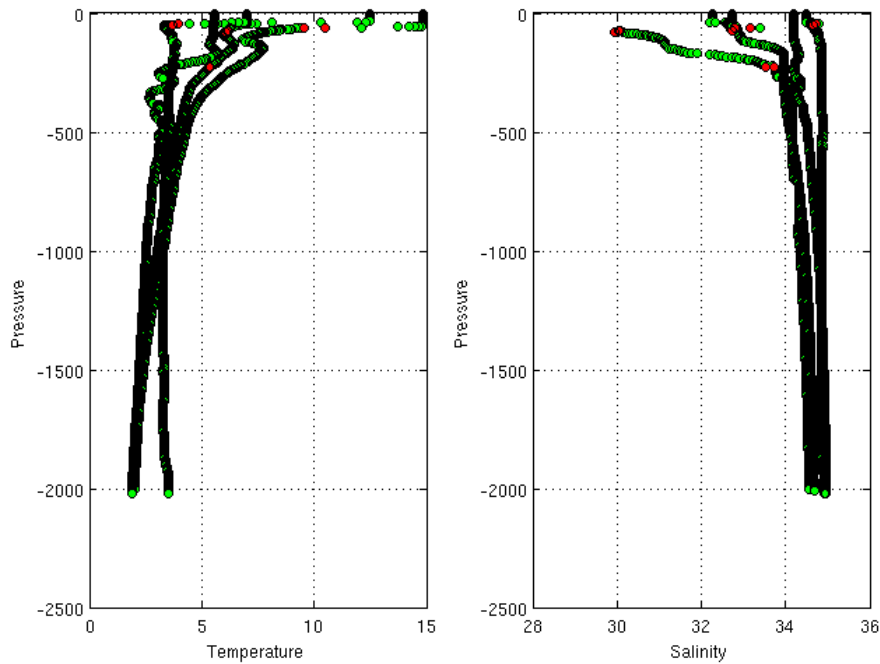
Data_mode ='R'	Data_mode ='A'	Data_mode ='D'
0 cycle	4cycles	11 cycles



### Status of corrections: Correction done or in progress, feedback

Float : 4901772 - Cycle : 84 - PI : Blair Greenan - Data mode : A - Platform type : NOVA - WMO inst type : 865 - FLOAT SERIAL : 188 - Date : 2017 10 22  
 Float : 4901786 - Cycle : 60 - PI : Blair Greenan - Data mode : A - Platform type : NOVA - WMO inst type : 865 - FLOAT SERIAL : 202 - Date : 2017 10 8  
 Float : 4901792 - Cycle : 67 - PI : Blair Greenan - Data mode : A - Platform type : NOVA - WMO inst type : 865 - FLOAT SERIAL : 208 - Date : 2017 9 28  
 Float : 4902400 - Cycle : 0 - PI : Blair Greenan - Data mode : A - Platform type : NOVA - WMO inst type : 865 - FLOAT SERIAL : 436 - Date : 2017 10 4

### Warning Objective Analysis Anomalies 2017 October TEMP PSAL - DAC ME

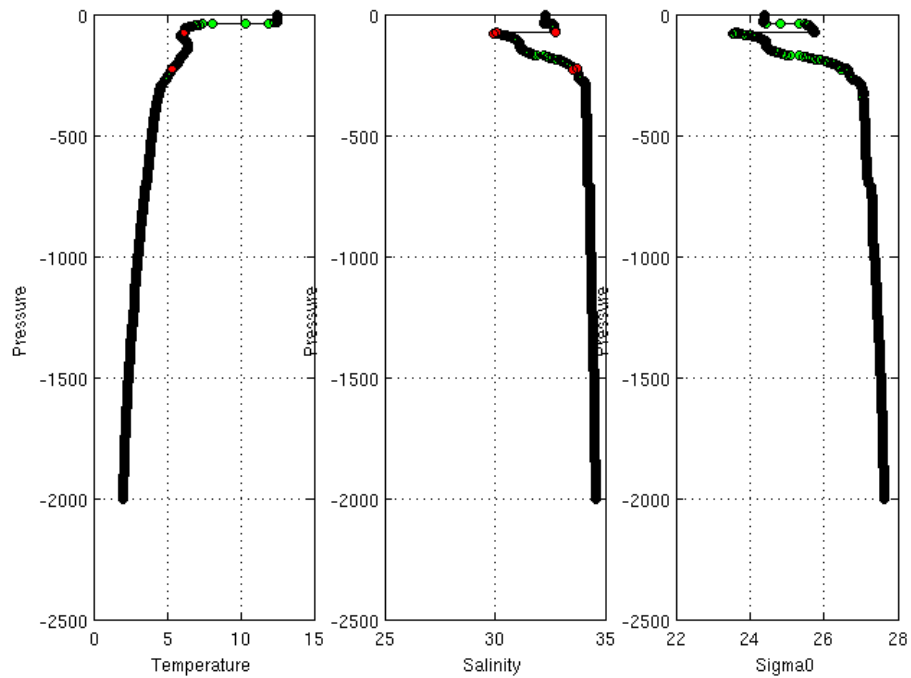


DAC\_CODE,PLATFORM\_CODE,CV\_NUMBER,DATE\_UPDATE,DIRECTION,WEB\_URL,PARAMETER,START\_IMMERSION,STOP\_IMMERSION,OLD\_QC,NEW\_QC  
 ME,4901772,84,22/10/2017 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=54094713> ,PSAL,59,59,1,4  
 ME,4901772,84,22/10/2017 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=54094713> ,PSAL\_ADJUSTED,59,59,1,4  
 ME,4901786,60,08/10/2017 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=53968347> ,PSAL,229.9,574.6,1,3

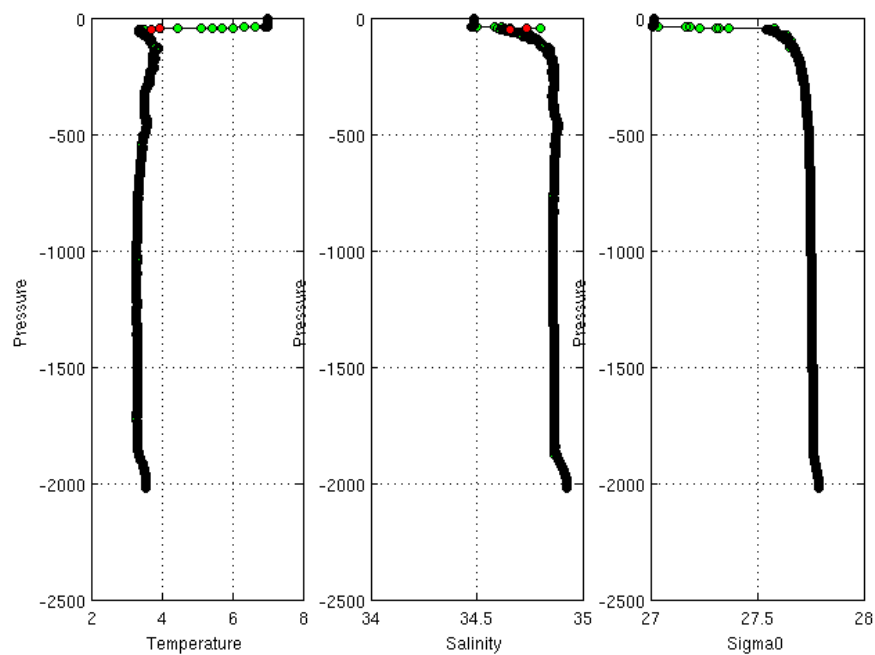
ME,4901786,60,08/10/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53968347 ,PSAL,705.5,865.7,1,3  
 ME,4901786,60,08/10/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53968347 ,PSAL,79.3,222.6,1,4  
 ME,4901786,60,08/10/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53968347 ,PSAL\_ADJUSTED,229.9,585.2,1,3  
 ME,4901786,60,08/10/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53968347 ,PSAL\_ADJUSTED,705.5,860.4,1,3  
 ME,4901786,60,08/10/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53968347 ,PSAL\_ADJUSTED,79.3,222.6,1,4  
 ME,4901792,67,28/09/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53864809 ,PSAL,2.2,2020,1,3  
 ME,4901792,67,28/09/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53864809 ,PSAL\_ADJUSTED,2.2,2020,1,3  
 ME,4902400,0,04/10/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53927175 ,PSAL,46.1,46.1,1,4  
 ME,4902400,0,04/10/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53927175 ,PSAL,74,74,1,4  
 ME,4902400,0,04/10/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53927175 ,PSAL\_ADJUSTED,46.1,46.1,1,4  
 ME,4902400,0,04/10/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53927175 ,PSAL\_ADJUSTED,74,74,1,4

Example of anomalies:

**Warning Objective Analysis Anomalies 2017 October TEMP PSAL : DAC ME- Float 4901786-60**



**Warning Objective Analysis Anomalies 2017 October TEMP PSAL : DAC ME- Float 4902400-0**



## 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 : 6557**

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 -

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 -

3901474 - Existing nc files

File : 3901474\_Dtraj.nc - 3901474\_meta.nc -

3901475 - Existing nc files

File : 3901475\_Dtraj.nc - 3901475\_meta.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 -  
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\_Rtraj.nc - 5904838\_meta.nc - 5904838\_prof.nc -  
5904839 - Existing nc files  
File : 5904839\_Rtraj.nc - 5904839\_meta.nc - 5904839\_prof.nc -  
5904840 - Existing nc files  
File : 5904840\_Rtraj.nc - 5904840\_meta.nc - 5904840\_prof.nc -  
5905365 - Existing nc files  
File : 5905365\_meta.nc - 5905365\_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" ;
```

## 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 : 633**

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 -



1901866 - Existing nc files  
File : 1901866\_meta.nc - 1901866\_prof.nc - 1901866\_tech.nc -

1901867 - Existing nc files  
File : 1901867\_meta.nc - 1901867\_prof.nc - 1901867\_tech.nc -

1901868 - Existing nc files  
File : 1901868\_meta.nc - 1901868\_prof.nc - 1901868\_tech.nc -

1901869 - Existing nc files  
File : 1901869\_meta.nc - 1901869\_prof.nc - 1901869\_tech.nc -

1901870 - Existing nc files  
File : 1901870\_meta.nc - 1901870\_prof.nc - 1901870\_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 -

1901881 - Existing nc files  
File : 1901881\_meta.nc - 1901881\_prof.nc - 1901881\_tech.nc -

1901882 - Existing nc files  
File : 1901882\_meta.nc - 1901882\_prof.nc - 1901882\_tech.nc -

1901883 - Existing nc files  
File : 1901883\_meta.nc - 1901883\_prof.nc - 1901883\_tech.nc -

1901884 - Existing nc files  
File : 1901884\_meta.nc - 1901884\_prof.nc - 1901884\_tech.nc -

1901885 - Existing nc files  
File : 1901885\_meta.nc - 1901885\_prof.nc - 1901885\_tech.nc -

1901886 - Existing nc files  
File : 1901886\_meta.nc - 1901886\_prof.nc - 1901886\_tech.nc -

1901887 - Existing nc files  
File : 1901887\_meta.nc - 1901887\_prof.nc - 1901887\_tech.nc -

1901888 - Existing nc files  
File : 1901888\_meta.nc - 1901888\_prof.nc - 1901888\_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 -

2901904 - Existing nc files  
File : 2901904\_meta.nc - 2901904\_prof.nc - 2901904\_tech.nc -

2901905 - Existing nc files  
File : 2901905\_meta.nc - 2901905\_prof.nc - 2901905\_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 -

3901532 - Existing nc files  
File : 3901532\_meta.nc - 3901532\_prof.nc - 3901532\_tech.nc -

3901533 - Existing nc files  
File : 3901533\_meta.nc - 3901533\_prof.nc - 3901533\_tech.nc -

3901534 - Existing nc files  
File : 3901534\_meta.nc - 3901534\_prof.nc - 3901534\_tech.nc -

3901535 - Existing nc files  
File : 3901535\_meta.nc - 3901535\_prof.nc - 3901535\_tech.nc -

3901536 - Existing nc files  
File : 3901536\_meta.nc - 3901536\_prof.nc - 3901536\_tech.nc -

3901537 - Existing nc files  
File : 3901537\_meta.nc - 3901537\_prof.nc - 3901537\_tech.nc -

3901538 - Existing nc files  
File : 3901538\_meta.nc - 3901538\_prof.nc - 3901538\_tech.nc -

3901539 - Existing nc files  
File : 3901539\_meta.nc - 3901539\_prof.nc - 3901539\_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 -

6901160 - Existing nc files  
File : 6901160\_meta.nc - 6901160\_prof.nc - 6901160\_tech.nc -

6901161 - Existing nc files  
File : 6901161\_meta.nc - 6901161\_prof.nc - 6901161\_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 -

6901195 - Existing nc files  
File : 6901195\_meta.nc - 6901195\_prof.nc - 6901195\_tech.nc -

6901196 - Existing nc files  
File : 6901196\_meta.nc - 6901196\_prof.nc - 6901196\_tech.nc -

6901197 - Existing nc files

File : 6901197\_meta.nc - 6901197\_prof.nc - 6901197\_tech.nc -

6901198 - Existing nc files  
File : 6901198\_meta.nc - 6901198\_prof.nc - 6901198\_tech.nc -

6901199 - Existing nc files  
File : 6901199\_meta.nc - 6901199\_prof.nc - 6901199\_tech.nc -

6901200 - Existing nc files  
File : 6901200\_meta.nc - 6901200\_prof.nc - 6901200\_tech.nc -

6901201 - Existing nc files  
File : 6901201\_meta.nc - 6901201\_prof.nc - 6901201\_tech.nc -

6901202 - Existing nc files  
File : 6901202\_meta.nc - 6901202\_prof.nc - 6901202\_tech.nc -

6901205 - Existing nc files  
File : 6901205\_meta.nc - 6901205\_prof.nc - 6901205\_tech.nc -

6901206 - Existing nc files  
File : 6901206\_meta.nc - 6901206\_prof.nc - 6901206\_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 -

6901924 - Existing nc files  
File : 6901924\_meta.nc - 6901924\_prof.nc - 6901924\_tech.nc -

6901925 - Existing nc files  
File : 6901925\_meta.nc - 6901925\_prof.nc - 6901925\_tech.nc -

6901926 - Existing nc files  
File : 6901926\_meta.nc - 6901926\_prof.nc - 6901926\_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 : 2546**

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 -

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 -

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 -

6901615 - Existing nc files

File : 6901615\_Rtraj.nc - 6901615\_meta.nc - 6901615\_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 -

6902685 - Existing nc files

File : 6902685\_Rtraj.nc - 6902685\_meta.nc - 6902685\_tech.nc -

6902741 - Existing nc files

File : 6902741\_Rtraj.nc - 6902741\_meta.nc - 6902741\_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 -

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 : 367**

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

## 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 : 796

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 -

5905205 - Existing nc files

File : 5905205\_meta.nc - 5905205\_prof.nc - 5905205\_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 : 422

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 -

2900767 - Existing nc files

File : 2900767\_meta.nc - 2900767\_prof.nc - 2900767\_tech.nc -

2902126 - Existing nc files

File : 2902126\_Rtraj.nc - 2902126\_meta.nc - 2902126\_tech.nc -

2902229 - Existing nc files

File : 2902229\_meta.nc - 2902229\_prof.nc - 2902229\_tech.nc -

2902230 - Existing nc files

File : 2902230\_meta.nc - 2902230\_prof.nc - 2902230\_tech.nc -

2902231 - Existing nc files

File : 2902231\_meta.nc - 2902231\_prof.nc - 2902231\_tech.nc -

2902232 - Existing nc files

File : 2902232\_meta.nc - 2902232\_prof.nc - 2902232\_tech.nc -

2902233 - Existing nc files

File : 2902233\_meta.nc - 2902233\_prof.nc - 2902233\_tech.nc -

2902234 - Existing nc files

File : 2902234\_meta.nc - 2902234\_prof.nc - 2902234\_tech.nc -

2902235 - Existing nc files

File : 2902235\_meta.nc - 2902235\_prof.nc - 2902235\_tech.nc -

2902236 - Existing nc files

File : 2902236\_meta.nc - 2902236\_prof.nc - 2902236\_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 : 1548

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 -

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 -

2903006 - Existing nc files

File : 2903006\_Mprof.nc - 2903006\_meta.nc - 2903006\_prof.nc -

2903007 - Existing nc files

File : 2903007\_Mprof.nc - 2903007\_meta.nc - 2903007\_prof.nc -

2903008 - Existing nc files

File : 2903008\_Mprof.nc - 2903008\_meta.nc - 2903008\_prof.nc -

2903009 - Existing nc files

File : 2903009\_Mprof.nc - 2903009\_meta.nc - 2903009\_prof.nc -

2903010 - Existing nc files

File : 2903010\_Mprof.nc - 2903010\_meta.nc - 2903010\_prof.nc -

2903011 - Existing nc files

File : 2903011\_Mprof.nc - 2903011\_meta.nc - 2903011\_prof.nc -

2903012 - Existing nc files

File : 2903012\_Mprof.nc - 2903012\_meta.nc - 2903012\_prof.nc -

2903013 - Existing nc files

File : 2903013\_Mprof.nc - 2903013\_meta.nc - 2903013\_prof.nc -

2903014 - Existing nc files

File : 2903014\_Mprof.nc - 2903014\_meta.nc - 2903014\_prof.nc -

2903165 - Existing nc files

File : 2903165\_Mprof.nc - 2903165\_meta.nc - 2903165\_prof.nc -

2903166 - Existing nc files  
File : 2903166\_Mprof.nc - 2903166\_meta.nc - 2903166\_prof.nc -

2903167 - Existing nc files  
File : 2903167\_Mprof.nc - 2903167\_meta.nc - 2903167\_prof.nc -

2903168 - Existing nc files  
File : 2903168\_Mprof.nc - 2903168\_meta.nc - 2903168\_prof.nc -

2903169 - Existing nc files  
File : 2903169\_Mprof.nc - 2903169\_meta.nc - 2903169\_prof.nc -

2903170 - Existing nc files  
File : 2903170\_Mprof.nc - 2903170\_meta.nc - 2903170\_prof.nc -

2903171 - Existing nc files  
File : 2903171\_Mprof.nc - 2903171\_meta.nc - 2903171\_prof.nc -

2903172 - Existing nc files  
File : 2903172\_Mprof.nc - 2903172\_meta.nc - 2903172\_prof.nc -

2903173 - Existing nc files  
File : 2903173\_Mprof.nc - 2903173\_meta.nc - 2903173\_prof.nc -

2903174 - Existing nc files  
File : 2903174\_Mprof.nc - 2903174\_meta.nc - 2903174\_prof.nc -

2903175 - Existing nc files  
File : 2903175\_Mprof.nc - 2903175\_meta.nc - 2903175\_prof.nc -

2903176 - Existing nc files  
File : 2903176\_Mprof.nc - 2903176\_meta.nc - 2903176\_prof.nc -

2903210 - Existing nc files  
File : 2903210\_Mprof.nc - 2903210\_meta.nc - 2903210\_prof.nc -

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

4902378 - Existing nc files  
File : 4902378\_meta.nc - 4902378\_prof.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 -

7900691 - Existing nc files  
File : 7900691\_meta.nc - 7900691\_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 : 227

2901213 - Existing nc files

File : 2901213\_Rtraj.nc - 2901213\_meta.nc - 2901213\_prof.nc -



2901705 - Existing nc files

File : 2901705\_Rtraj.nc - 2901705\_meta.nc - 2901705\_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 monopofile, 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 ... => **The float has been updated with DM files but there are still R files :**

R2900204\_000.nc R2900204\_010.nc R2900204\_092.nc R2900204\_179.nc R2900204\_225.nc R2900204\_345.nc R2900204\_358.nc

R2900204\_009.nc R2900204\_088.nc R2900204\_117.nc R2900204\_223.nc R2900204\_286.nc R2900204\_352.nc R2900204\_368.nc

## 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 : 472**

## 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.

Float 1901060 cycle 180 (only PRES\_ADJUSTED filled & all <Param>\_ADJUSTED\_ERROR missing)  
Float 1901074 cycle 105 (only PRES\_ADJUSTED filled & all <Param>\_ADJUSTED\_ERROR missing)  
Float 2901095 cycle 130 (only PRES\_ADJUSTED filled & all <Param>\_ADJUSTED\_ERROR missing)  
Float 1901060 cycle 203, 234 (all <Param>\_ADJUSTED\_ERROR missing) & cycle 230 PSAL\_ADJUSTED also missing

- Other floats with D files but the following R files are still in 'R' mode and not in 'A' mode.

Ex. Floats 1901222

D1901222\_064.nc – R1901222\_065.nc but data\_mode=R for cycle 65

### 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, .....

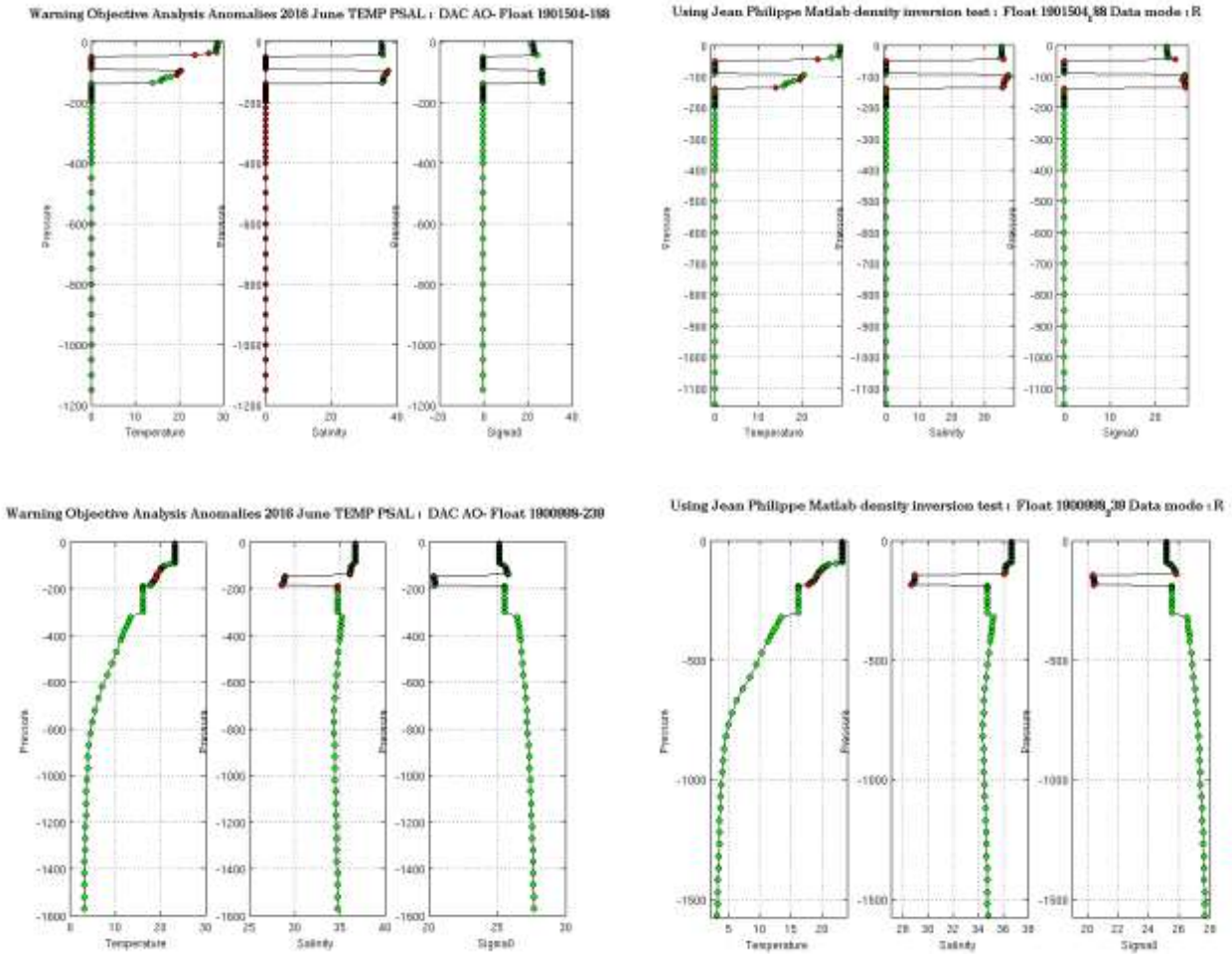
Mix of R (cycles 001-024-025) and D files for float 2900171

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	



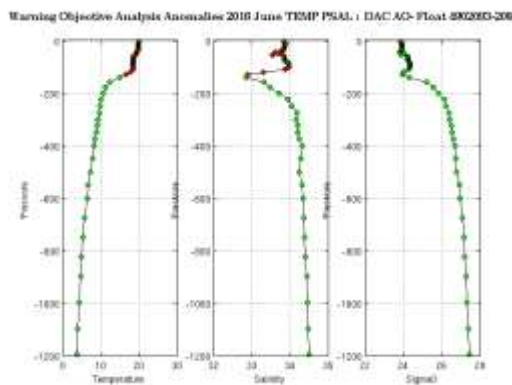
### 13. Automatic Tests (June's version)

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



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 :

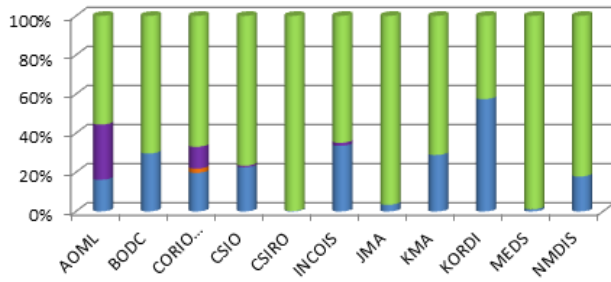


Some profiles have temperature measurements with the zero values which are not good but they did not fail with any test.

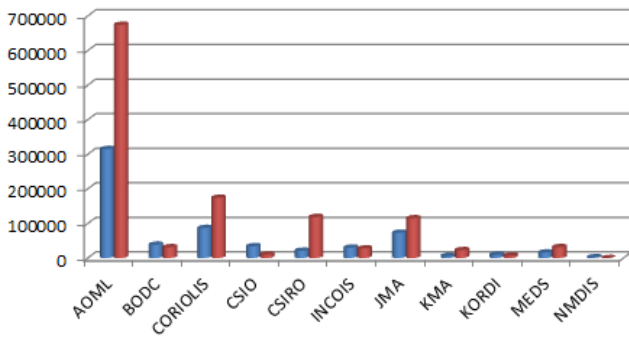
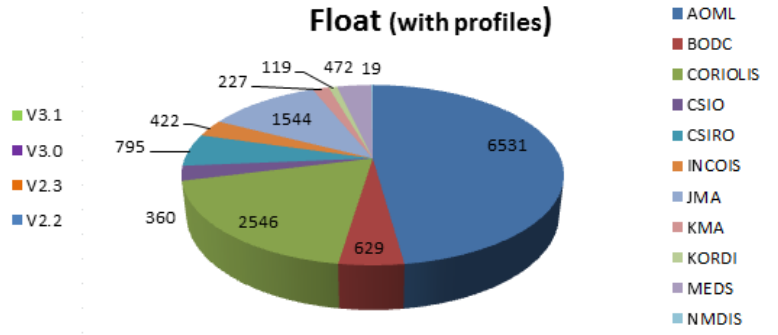
# 14. Statistics on floats and format version (September 2017)

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

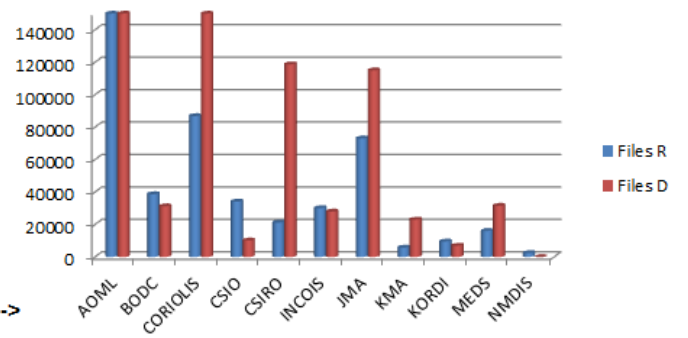
**Format Version (CORE profiles R & D)**



**Float (with profiles)**

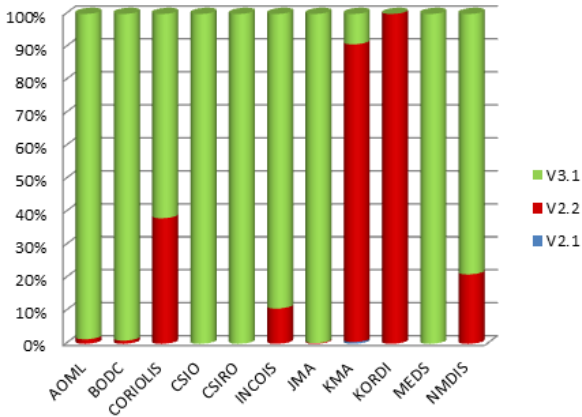


-- zoom -->

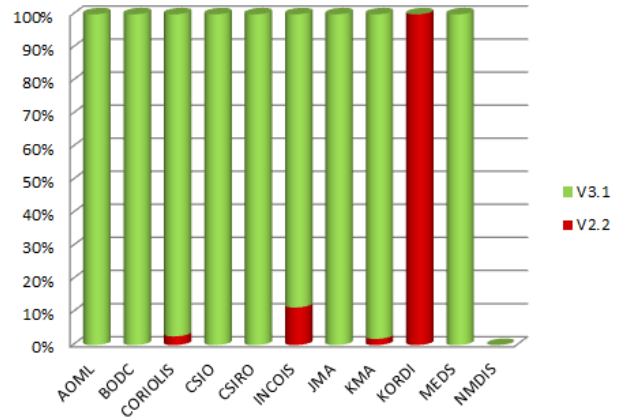


Plots showing format\_version percentage, for metadata-technical-trajectory and core profiles following dead or active floats.

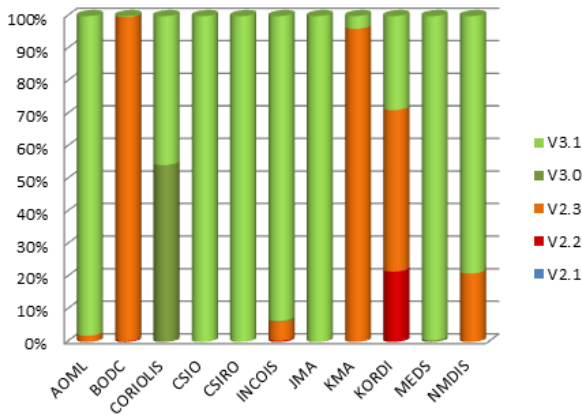
**Metadata Files - Dead floats**



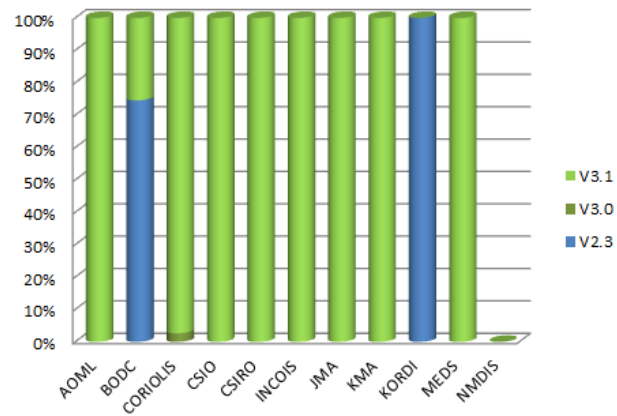
**Metadata Files - Active floats**



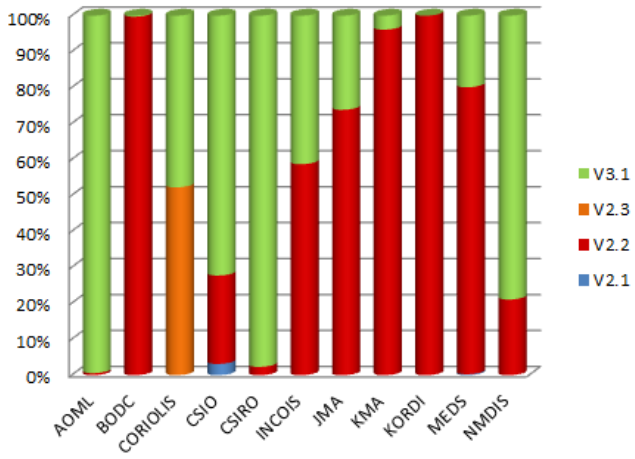
**Technical Files - Dead floats**



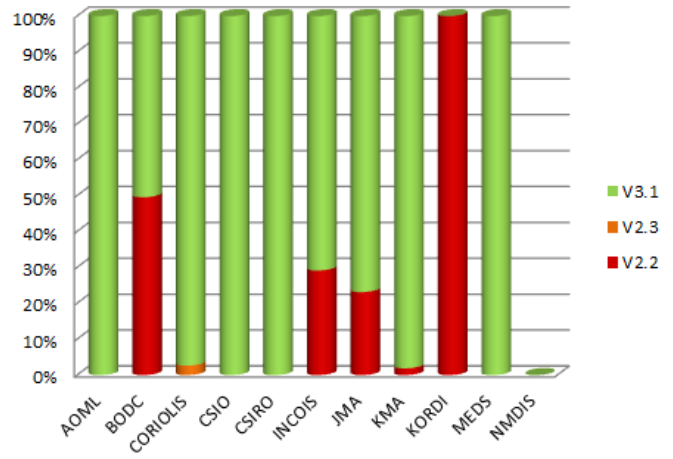
**Technical Files - Active floats**



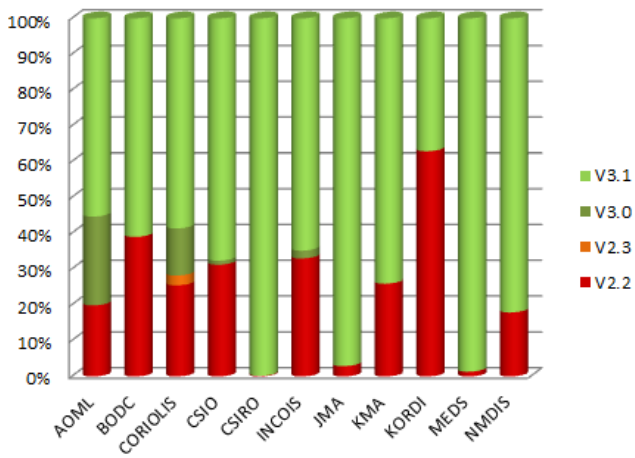
**Trajectory Files - Dead floats**



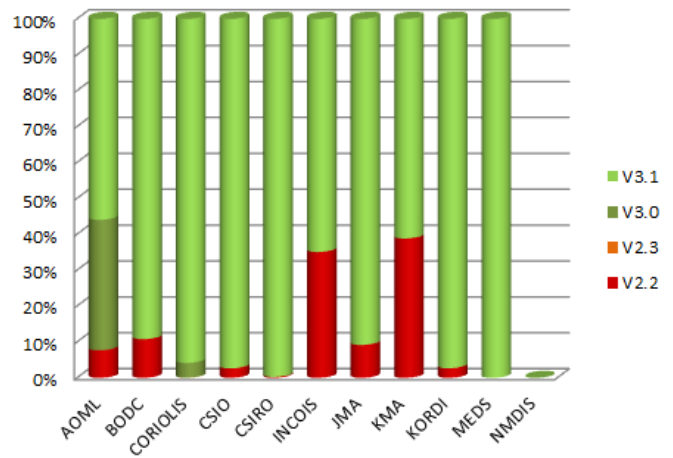
**Trajectory Files - Active floats**



**Profile files - Dead floats**

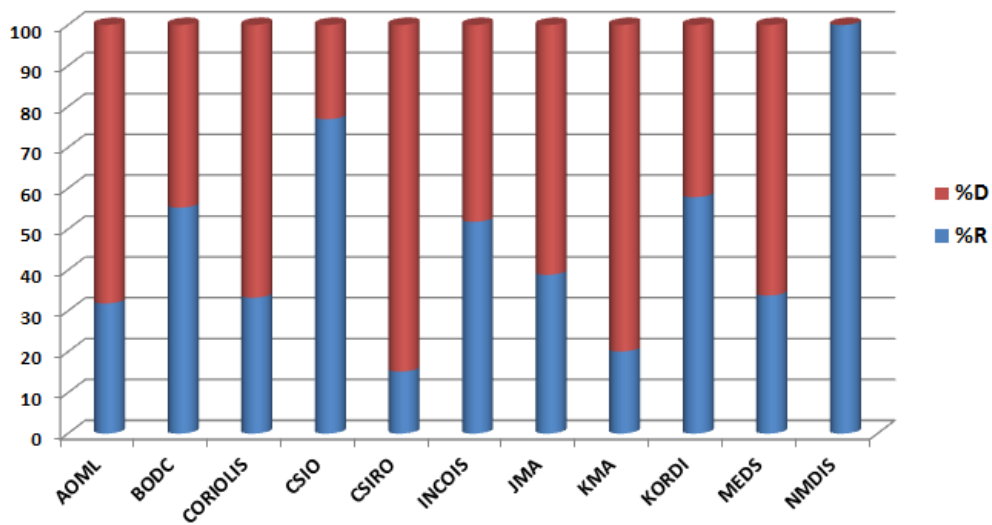


**Profile Files - Active floats**



**Delayed mode percentage by DAC**

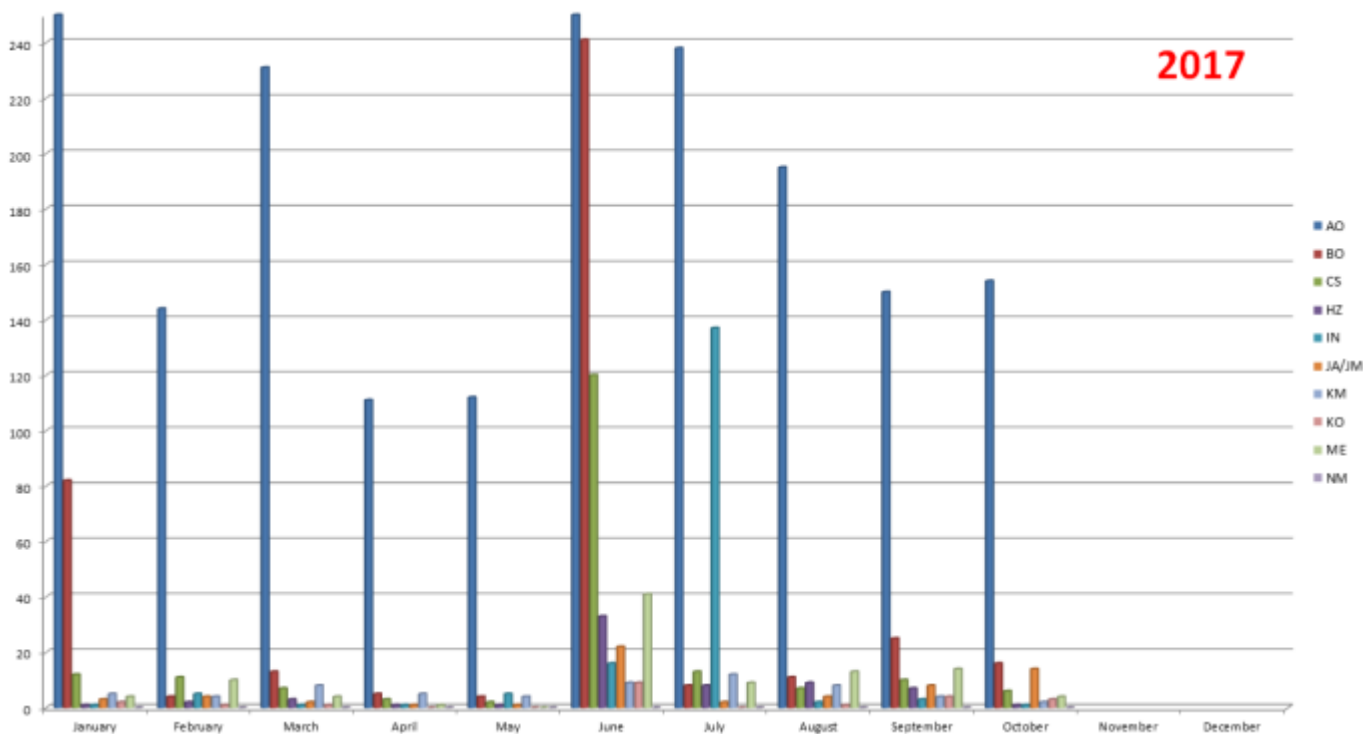
**Percentage of DM and RT files by DAC**



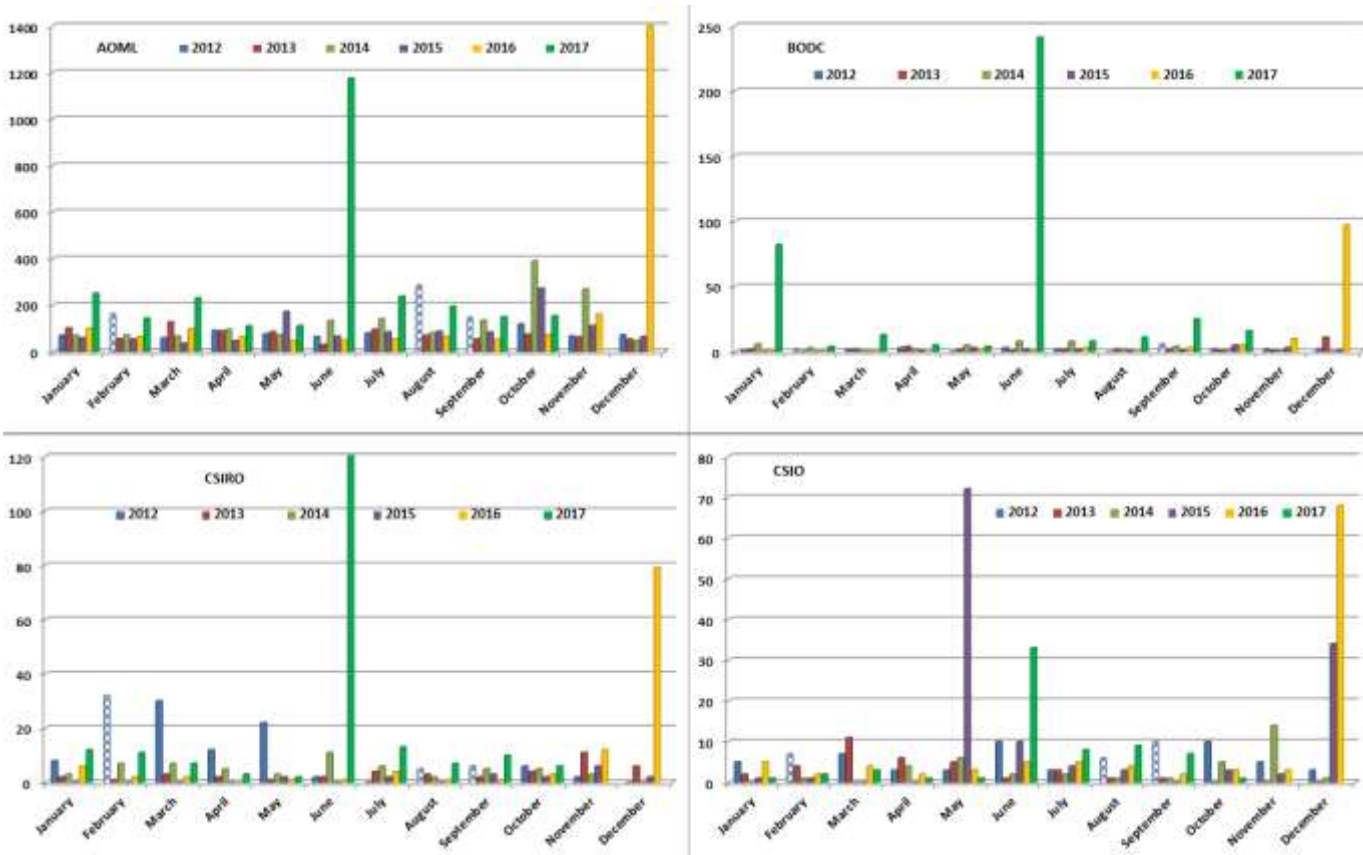
**15. Statistics on anomalies**

Plots showing evolution of number of anomalies by DAC.

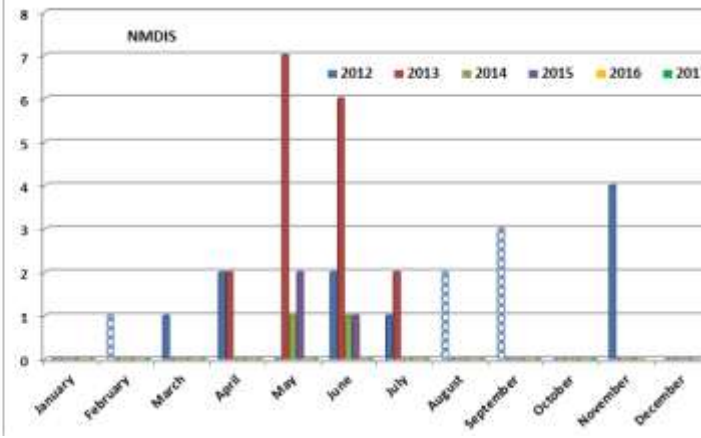
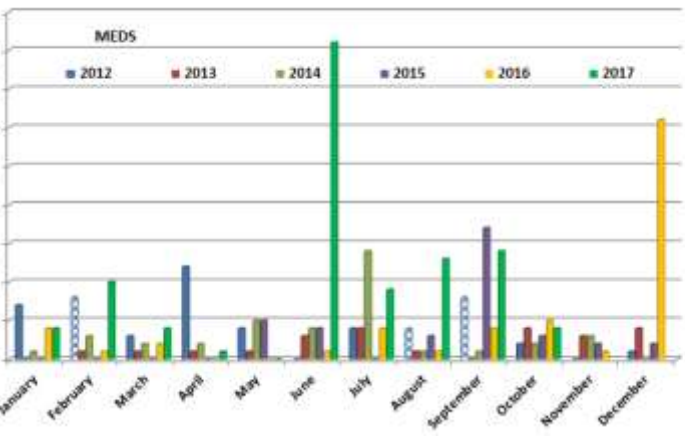
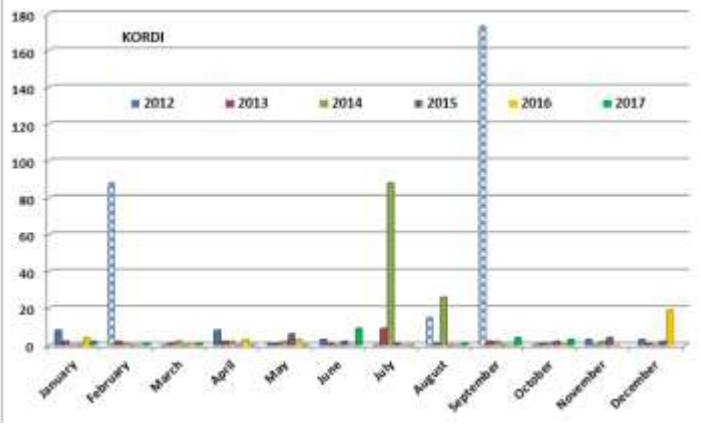
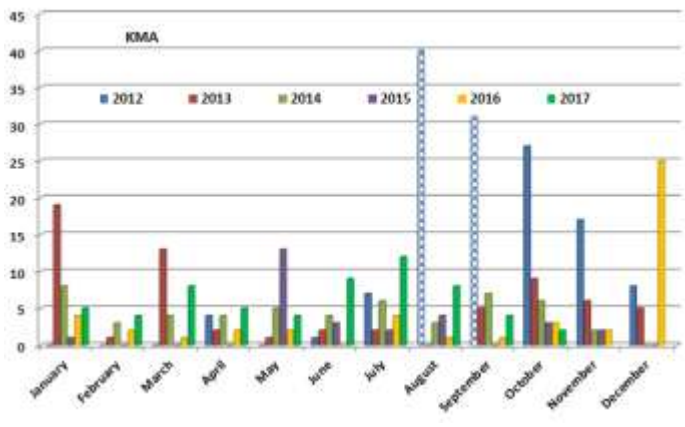
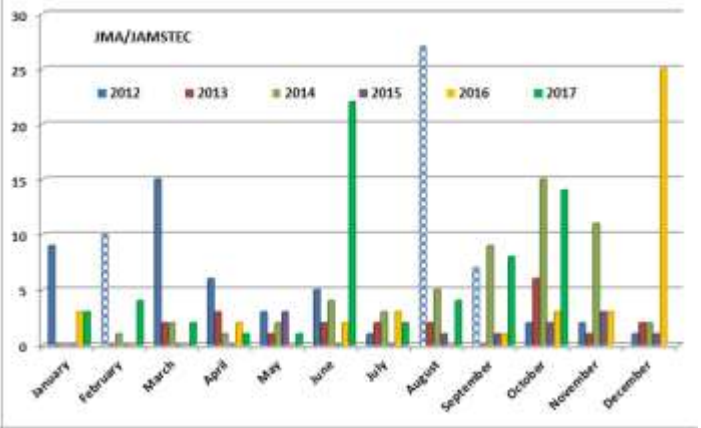
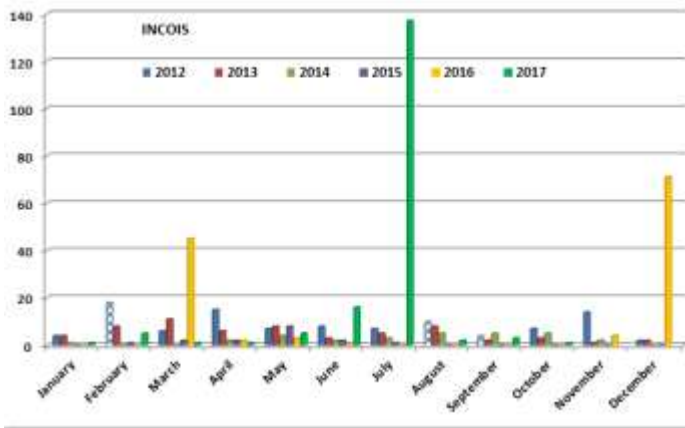
15.1. Year



15.2. DAC









### 15.3. Anomalies by year, by month

