



Anomalies on Argo profiles

From warning objective analysis, netcdf file analysis

Format version

September 2017

Christine Coatanoan-Girou

Coriolis

NOTES

§14 New plot showing the percentage of DM and RT files by DAC

Anomalies by DAC

Summary

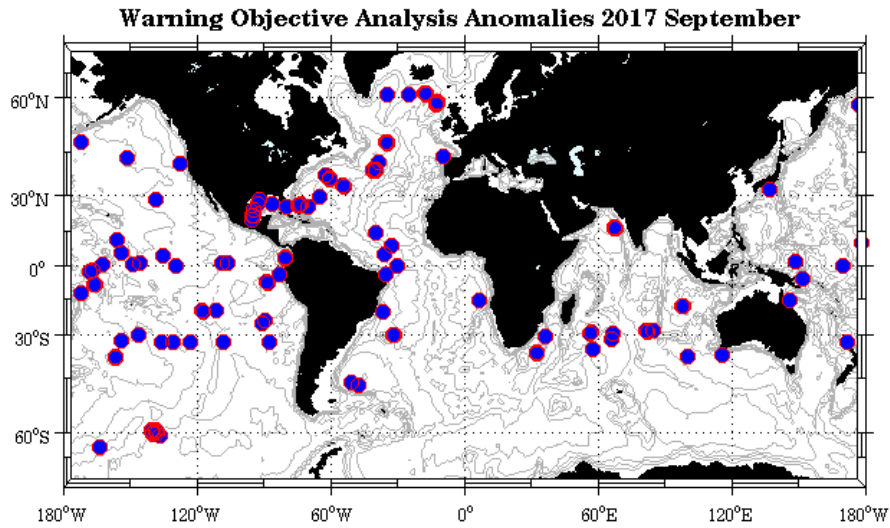
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1. DAC AOML

Profiles detected by the objective analysis:150 profiles (86 floats, but floats can have several cycles with anomalies)

Data_mode ='R'	Data_mode ='A'	Data_mode ='D'
74 cycles	76 cycles	0 cycle

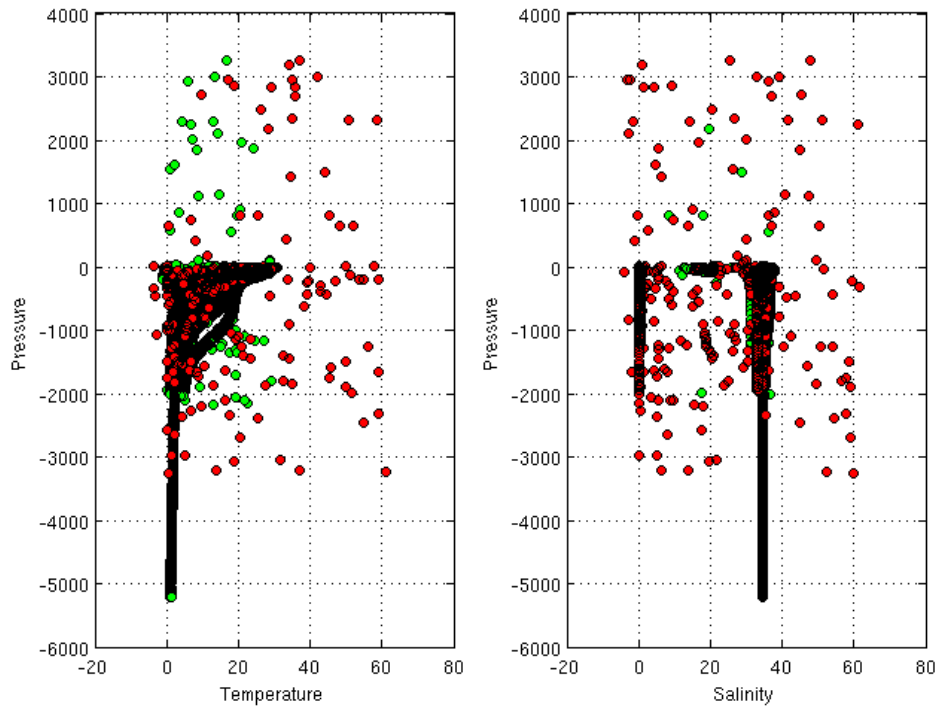


Status of corrections: Done for few profiles – still bad QC no corrected

In blue: floats with multiprofiles.

- Float : 1901410 - Cycle : 276 - PI : STEPHEN RISER - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 4376 - Date : 2017 9 18
- Float : 1901453 - Cycle : 272 - PI : BRECK OWENS - Data mode : R - Platform type : SOLO_W - WMO inst type : 851 - FLOAT SERIAL : 0967 - Date : 2017 9 6
- Float : 1901654 - Cycle : 145 - PI : BRECK OWENS, STEVE JAYNE, P.E. ROBBINS - Data mode : R - Platform type : SOLO_W - WMO inst type : 851 - FLOAT SERIAL : 1164 - Date : 2017 8 31
- Float : 1901654 - Cycle : 146 - 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 10
- Float : 1901654 - Cycle : 147 - 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 20
- Float : 1901683 - Cycle : 154 - PI : BRECK OWENS, STEVE JAYNE, P.E. ROBBINS - Data mode : R - Platform type : S2A - WMO inst type : 854 - FLOAT SERIAL : 7127 - Date : 2017 9 9
- Float : 1901689 - Cycle : 149 - PI : BRECK OWENS, STEVE JAYNE, P.E. ROBBINS - Data mode : R - Platform type : S2A - WMO inst type : 854 - FLOAT SERIAL : 7144 - Date : 2017 8 25
- Float : 1901806 - Cycle : 76 - PI : BRECK OWENS, STEVE JAYNE, P.E. ROBBINS - Data mode : R - Platform type : S2A - WMO inst type : 854 - FLOAT SERIAL : 7314 - Date : 2017 8 29
- Float : 1902033 - Cycle : 32 - PI : DEAN ROEMMICH - Data mode : R - Platform type : SOLO_II - WMO inst type : 853 - FLOAT SERIAL : 8501 - Date : 2017 9 10
- Float : 1902067 - Cycle : 28 - PI : BRECK OWENS, STEVE JAYNE, P.E. ROBBINS - Data mode : R - Platform type : S2A - WMO inst type : 854 - FLOAT SERIAL : 7402 - Date : 2017 9 7
- Float : 2901466 - Cycle : 315 - PI : CARL SZCZECZOWSKI - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 6763 - Date : 2017 9 9
- Float : 2901466 - Cycle : 316 - PI : CARL SZCZECZOWSKI - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 6763 - Date : 2017 9 13
- Float : 2901466 - Cycle : 317 - PI : CARL SZCZECZOWSKI - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 6763 - Date : 2017 9 17
- Float : 2901466 - Cycle : 319 - PI : CARL SZCZECZOWSKI - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 6763 - Date : 2017 9 25
- Float : 2902402 - Cycle : 139 - PI : CARL SZCZECZOWSKI - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7569 - Date : 2017 9 21
- Float : 2902402 - Cycle : 140 - PI : CARL SZCZECZOWSKI - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7569 - Date : 2017 9 25
- Float : 3901043 - Cycle : 140 - PI : BRECK OWENS, STEVE JAYNE, P.E. ROBBINS - Data mode : R - Platform type : S2A - WMO inst type : 854 - FLOAT SERIAL : 7191 - Date : 2017 9 3
- Float : 3901053 - Cycle : 135 - PI : BRECK OWENS, STEVE JAYNE, P.E. ROBBINS - Data mode : R - Platform type : S2A - WMO inst type : 854 - FLOAT SERIAL : 7227 - Date : 2017 9 16
- Float : 3901160 - Cycle : 193 - PI : DEAN ROEMMICH - Data mode : R - Platform type : SOLO_II - WMO inst type : 853 - FLOAT SERIAL : 8202 - Date : 2017 9 12
- Float : 3901171 - Cycle : 135 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : NAVIS_A - WMO inst type : 863 - FLOAT SERIAL : 0289 - Date : 2017 9 3
- Float : 3901184 - Cycle : 127 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : NAVIS_A - WMO inst type : 863 - FLOAT SERIAL : 0297 - Date : 2017 9 7
- Float : 3901184 - Cycle : 128 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : NAVIS_A - WMO inst type : 863 - FLOAT SERIAL : 0297 - Date : 2017 9 17
- Float : 3901184 - Cycle : 129 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : NAVIS_A - WMO inst type : 863 - FLOAT SERIAL : 0297 - Date : 2017 9 27
- Float : 3901199 - Cycle : 82 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : NAVIS_A - WMO inst type : 863 - FLOAT SERIAL : 0478 - Date : 2017 9 8
- Float : 3901199 - Cycle : 83 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : NAVIS_A - WMO inst type : 863 - FLOAT SERIAL : 0478 - Date : 2017 9 18
- Float : 3901251 - Cycle : 29 - PI : DEAN ROEMMICH - Data mode : R - Platform type : SOLO_II - WMO inst type : 853 - FLOAT SERIAL : 8541 - Date : 2017 9 14
- Float : 3901263 - Cycle : 109 - PI : CARL SZCZECZOWSKI - Data mode : R - Platform type : S2A - WMO inst type : 854 - FLOAT SERIAL : 10019 - Date : 2017 8 28
- Float : 3901263 - Cycle : 110 - PI : CARL SZCZECZOWSKI - Data mode : R - Platform type : S2A - WMO inst type : 854 - FLOAT SERIAL : 10019 - Date : 2017 9 2
- Float : 3901263 - Cycle : 111 - PI : CARL SZCZECZOWSKI - Data mode : R - Platform type : S2A - WMO inst type : 854 - FLOAT SERIAL : 10019 - Date : 2017 9 7
- Float : 3901263 - Cycle : 112 - PI : CARL SZCZECZOWSKI - Data mode : R - Platform type : S2A - WMO inst type : 854 - FLOAT SERIAL : 10019 - Date : 2017 9 12
- Float : 3901263 - Cycle : 113 - PI : CARL SZCZECZOWSKI - Data mode : R - Platform type : S2A - WMO inst type : 854 - FLOAT SERIAL : 10019 - Date : 2017 9 17
- Float : 3901263 - Cycle : 114 - PI : CARL SZCZECZOWSKI - Data mode : R - Platform type : S2A - WMO inst type : 854 - FLOAT SERIAL : 10019 - Date : 2017 9 22

Warning Objective Analysis Anomalies 2017 September TEMP PSAL - DAC AO



DAC_CODE,PLATFORM_CODE,CV_NUMBER,DATE_UPDATE,DIRECTION,WEB_URL,PARAMETER,START_IMMERSION,STOP_IMMERSION,OLD_QC,NEW_QC

AO,1901410,276,18/09/2017 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=53763615> ,PSAL,6.5,1950.1,1,3

AO,1901410,276,18/09/2017 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=53763615> ,PSAL_ADJUSTED,6.5,1950.1,1,3

AO,1901453,272,07/09/2017 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=53624898> ,TEMP,70,90,1,4

AO,1901654,145,01/09/2017 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=53592886> ,PSAL,5,1750,1,3

AO,1901654,146,11/09/2017 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=53695242> ,PSAL,5,1750,1,3

AO,1901654,147,21/09/2017 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=53793721> ,PSAL,5,1750,1,3

AO,1901683,154,09/09/2017 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=53690882> ,PSAL,.84,1019.28,1,3

AO,1901689,149,04/09/2017 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=53524191> ,PSAL,.84,1008.12,1,3

AO,1901806,76,08/09/2017 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=53550875> ,PSAL,133.96,133.96,1,4

AO,1901806,76,08/09/2017 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=53550875> ,PSAL,144.12,146.12,1,4

AO,1901806,76,08/09/2017 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=53550875> ,PSAL,153.96,156,1,4

AO,1901806,76,08/09/2017 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=53550875> ,PSAL,180.04,187.96,1,4

AO,1901806,76,08/09/2017 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=53550875> ,PSAL,53.96,53.96,1,4

AO,1901806,76,08/09/2017 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=53550875> ,PSAL,89.92,91.92,1,4

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AO,1902033,32,20/09/2017 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=53693239> ,PSAL,1,1,1,4

AO,1902067,28,18/09/2017 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=53657511> ,PSAL,.56,2001.08,1,3

AO,2901466,315,10/09/2017 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=53690818> ,PSAL,1199.8,1199.8,1,4

AO,2901466,315,10/09/2017 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=53690818> ,PSAL,65.3,65.3,1,4

AO,2901466,315,10/09/2017 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=53690818> ,PSAL_ADJUSTED,1199.8,1199.8,1,4

AO,2901466,315,10/09/2017 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=53690818> ,PSAL_ADJUSTED,65.3,65.3,1,4

AO,2901466,316,14/09/2017 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=53719687> ,PSAL,1199.8,1199.8,1,4

AO,2901466,316,14/09/2017 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=53719687> ,PSAL_ADJUSTED,1199.8,1199.8,1,4

AO,2901466,317,18/09/2017 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=53761421> ,PSAL,1200.5,1200.5,1,4

AO,2901466,317,18/09/2017 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=53761421> ,PSAL,80,80,1,4

AO,2901466,317,18/09/2017 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=53761421> ,PSAL_ADJUSTED,1200.5,1200.5,1,4

AO,2901466,317,18/09/2017 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=53761421> ,PSAL_ADJUSTED,80,80,1,4

AO,2901466,319,26/09/2017 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=53836443> ,PSAL,1198,1198,1,4

AO,2901466,319,26/09/2017 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=53836443> ,PSAL,70,70,1,4

AO,2901466,319,26/09/2017 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=53836443> ,PSAL_ADJUSTED,1198,1198,1,4

AO,2901466,319,26/09/2017 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=53836443> ,PSAL_ADJUSTED,70,70,1,4

AO,2902402,139,22/09/2017 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=53809776> ,PSAL,4.1,879,1,3

AO,2902402,139,22/09/2017 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=53809776> ,PSAL_ADJUSTED,4.1,879,1,3

AO,2902402,139,22/09/2017 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=53809776> ,TEMP,812,879,1,3

AO,2902402,139,22/09/2017 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=53809776> ,TEMP_ADJUSTED,810,879,1,3

AO,2902402,140,25/09/2017 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=53836278> ,PSAL,2.9,871.7,1,3

AO,2902402,140,25/09/2017 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=53836278> ,PSAL_ADJUSTED,2.9,871.7,1,3

AO,3901043,140,04/09/2017 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=53613723> ,PSAL,109.92,109.92,1,4

AO,3901043,140,04/09/2017 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=53613723> ,PSAL,131.96,136,1,4

AO,3901043,140,04/09/2017 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=53613723> ,PSAL,256,256,1,4

AO,3901043,140,04/09/2017 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=53613723> ,PSAL,261.96,261.96,1,4

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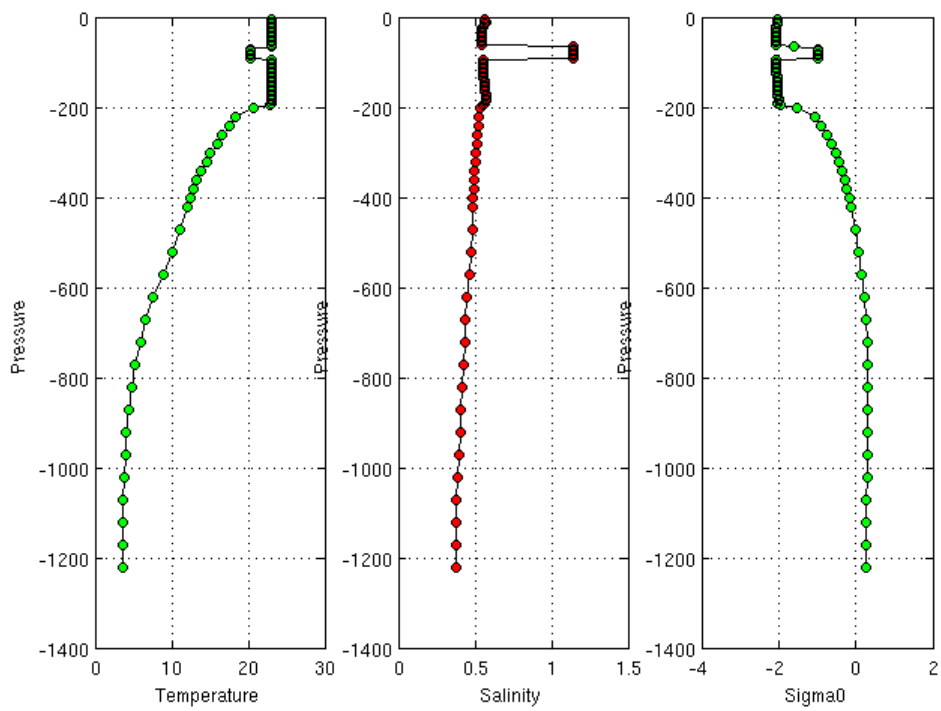
AO,3901043,140,04/09/2017 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=53613723> ,PSAL,477.96,479.96,1,4

AO,3901043,140,04/09/2017 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=53613723> ,PSAL,506.04,506.04,1,4

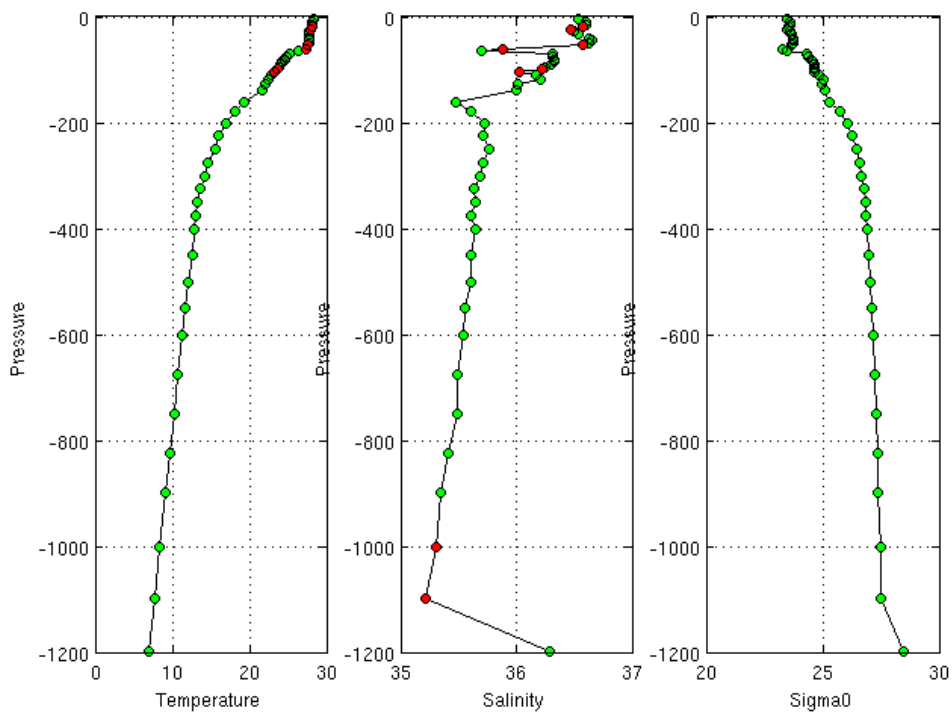
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Example of corrections:

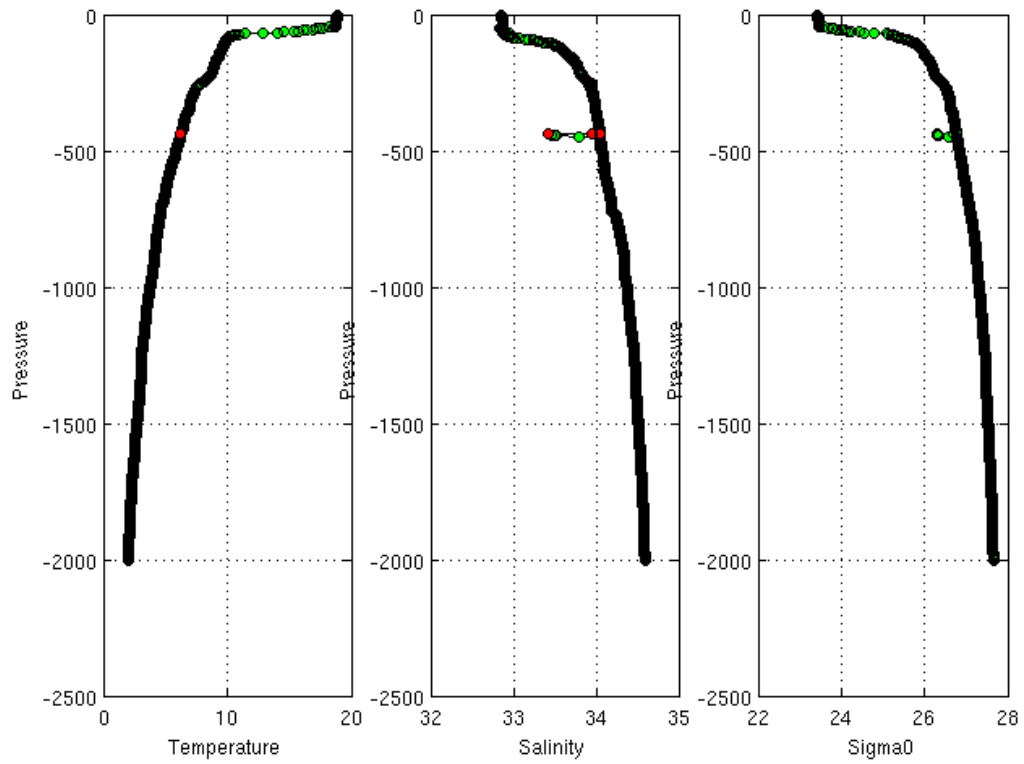
Warning Objective Analysis Anomalies 2017 September TEMP PSAL : DAC AO- Float 1901453-272



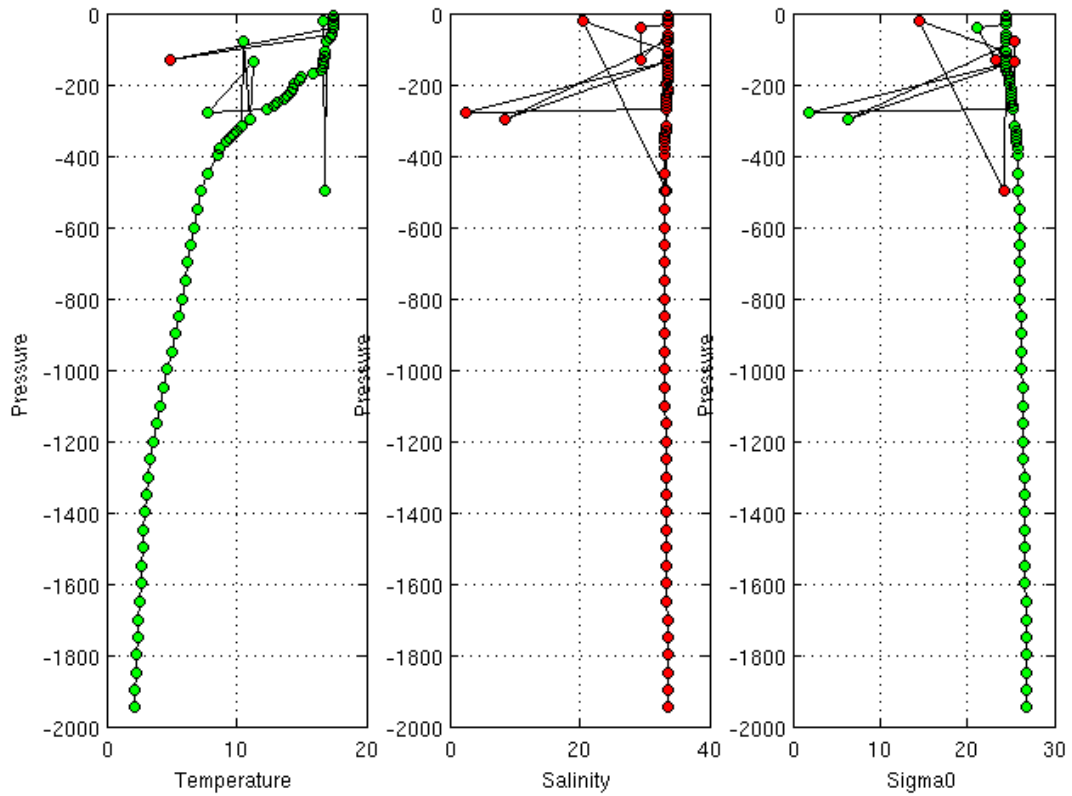
Warning Objective Analysis Anomalies 2017 September TEMP PSAL : DAC AO- Float 2901466-315



Warning Objective Analysis Anomalies 2017 September TEMP PSAL : DAC AO- Float 4901530-184



Warning Objective Analysis Anomalies 2017 September TEMP PSAL : DAC AO- Float 5903981-172

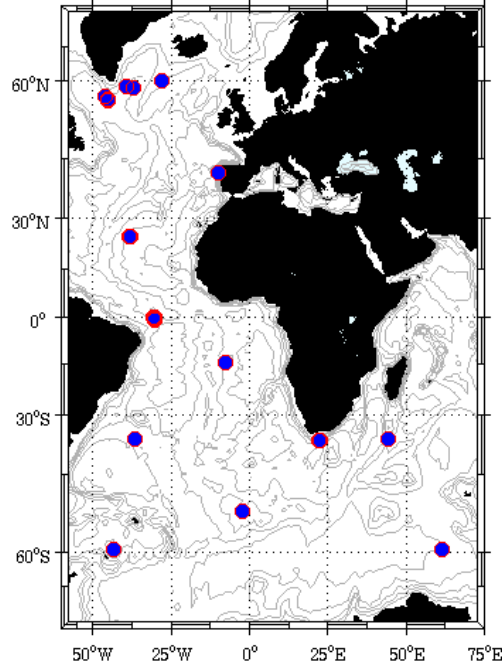


2. DAC BODC

Profiles detected by the objective analysis: 25 profiles (15 floats – float can have several cycles with anomalies)

Data_mode ='R'	Data_mode ='A'	Data_mode ='D'
11 cycles	14 cycles	0 cycle

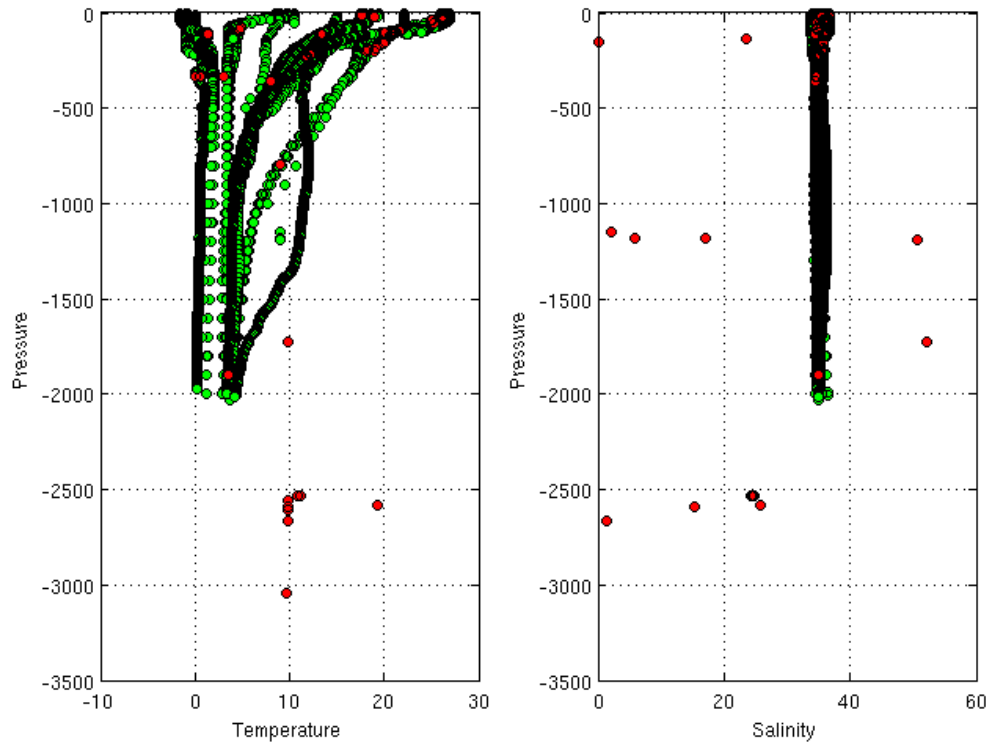
Warning Objective Analysis Anomalies 2017 September



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 : 212 - PI : Jon Turton - Data mode : A - INST REF : APEX-SBE 4901 - Date : 2017 9 12
 Float : 1901277 - Cycle : 213 - PI : Jon Turton - Data mode : A - INST REF : APEX-SBE 4901 - Date : 2017 9 21
 Float : 1901300 - Cycle : 166 - PI : Jon Turton - Data mode : A - INST REF : APEX-SBE 5590 - Date : 2017 9 26
 Float : 1901305 - Cycle : 163 - PI : Jon Turton - Data mode : A - INST REF : APEX-SBE 6242 - Date : 2017 8 31
 Float : 3901878 - Cycle : 15 - PI : Andreas Sterl - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : AI2600-16FR041 - Date : 2017 9 8
 Float : 3901885 - Cycle : 27 - PI : Andreas Sterl - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : AI2600-16FR048 - Date : 2017 9 7
 Float : 3901897 - Cycle : 9 - PI : Josep Lluís Pelegrí - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : AI2600-16FR060 - Date : 2017 7 31
 Float : 3901897 - Cycle : 10 - PI : Josep Lluís Pelegrí - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : AI2600-16FR060 - Date : 2017 8 10
 Float : 3901897 - Cycle : 11 - PI : Josep Lluís Pelegrí - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : AI2600-16FR060 - Date : 2017 8 20
 Float : 3901897 - Cycle : 12 - PI : Josep Lluís Pelegrí - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : AI2600-16FR060 - Date : 2017 8 30
 Float : 3901897 - Cycle : 13 - PI : Josep Lluís Pelegrí - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : AI2600-16FR060 - Date : 2017 9 9
 Float : 3901897 - Cycle : 14 - PI : Josep Lluís Pelegrí - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : AI2600-16FR060 - Date : 2017 9 19
 Float : 3901909 - Cycle : 27 - PI : A. Miguel Santos - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : AI2600-16FR072 - Date : 2017 9 17
 Float : 3901912 - Cycle : 40 - PI : Romain Cancouet - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : AI2600-16FR075 - Date : 2017 9 19
 Float : 3901914 - Cycle : 32 - PI : Romain Cancouet - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : AI2600-16FR077 - Date : 2017 9 11
 Float : 6900448 - Cycle : 230 - PI : Jon Turton - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 5537 - Date : 2017 9 2
 Float : 6901119 - Cycle : 217 - PI : Jon Turton - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 3908 - Date : 2017 8 30
 Float : 6901119 - Cycle : 218 - PI : Jon Turton - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 3908 - Date : 2017 9 9
 Float : 6901119 - Cycle : 219 - PI : Jon Turton - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 3908 - Date : 2017 9 19
 Float : 6901166 - Cycle : 115 - PI : Jon Turton - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 6608 - Date : 2017 8 24
 Float : 6901166 - Cycle : 116 - PI : Jon Turton - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 6608 - Date : 2017 9 3
 Float : 6901166 - Cycle : 117 - PI : Jon Turton - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 6608 - Date : 2017 9 13
 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 : 6901190 - Cycle : 48 - PI : Jon Turton - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7576 - Date : 2017 9 27

Warning Objective Analysis Anomalies 2017 September TEMP PSAL - DAC BO

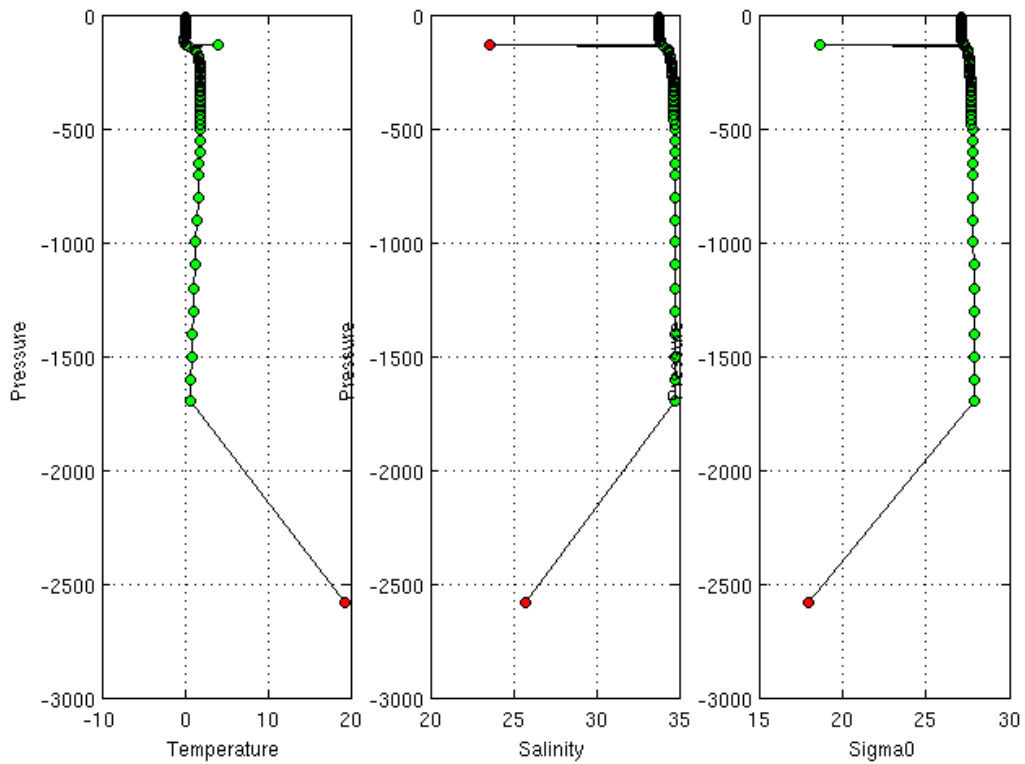


DAC_CODE,PLATFORM_CODE,CV_NUMBER,DATE_UPDATE,DIRECTION,WEB_URL,PARAMETER,START_IMMERSION,STOP_IMMERSION,OLD_QC,NEW_QC
 BO,1901273,216,27/09/2017 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=53858426> ,PSAL,109.8,120.1,1,4
 BO,1901273,216,27/09/2017 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=53858426> ,PSAL,89.6,89.6,1,4
 BO,1901273,216,27/09/2017 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=53858426> ,PSAL_ADJUSTED,109.8,120.1,1,4
 BO,1901273,216,27/09/2017 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=53858426> ,PSAL_ADJUSTED,89.6,89.6,1,4
 BO,1901277,212,12/09/2017 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=53697764> ,PSAL,4,1899.1,1,3
 BO,1901277,212,12/09/2017 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=53697764> ,PSAL_ADJUSTED,4,1899.1,1,3
 BO,1901277,213,22/09/2017 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=53813826> ,PSAL,4.1,2000.1,1,3
 BO,1901277,213,22/09/2017 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=53813826> ,PSAL_ADJUSTED,4.1,2000.1,1,3
 BO,1901300,166,27/09/2017 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=53858075> ,PSAL,2000.8,2000.8,1,4
 BO,1901300,166,27/09/2017 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=53858075> ,PSAL_ADJUSTED,2000.8,2000.8,1,4
 BO,1901305,163,31/08/2017 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=53582380> ,TEMP,132,132,1,4
 BO,1901305,163,31/08/2017 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=53582380> ,TEMP_ADJUSTED,132,132,1,4
 BO,3901878,15,08/09/2017 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=53665845> ,PSAL,219.3,228.5,1,4
 BO,3901878,15,08/09/2017 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=53665845> ,PSAL,235.2,317.2,1,4
 BO,3901885,27,08/09/2017 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=53657717> ,PSAL,157.8,157.8,1,4
 BO,3901885,27,08/09/2017 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=53657717> ,PSAL,303.1,303.1,1,4
 BO,3901885,27,08/09/2017 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=53657717> ,PSAL,483.5,485.5,1,4
 BO,3901885,27,08/09/2017 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=53657717> ,PSAL,523.7,523.7,1,4
 BO,3901897,10,10/08/2017 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=53361657> ,PSAL,3.9,2009.2,1,3
 BO,3901897,11,20/08/2017 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=53472709> ,PSAL,3.8,1981.8,1,3
 BO,3901897,12,30/08/2017 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=53554531> ,PSAL,4.2,1979.9,1,3
 BO,3901897,13,09/09/2017 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=53668494> ,PSAL,3.6,2013,1,3
 BO,3901897,14,19/09/2017 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=53767394> ,PSAL,3.9,1979.9,1,3
 BO,3901897,9,31/07/2017 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=53286958> ,PSAL,3.9,2028.2,1,3
 BO,3901909,27,17/09/2017 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=53761002> ,PSAL,1383.4,1383.4,1,4
 BO,3901909,27,17/09/2017 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=53761002> ,PSAL,1534.3,1534.3,1,4
 BO,3901909,27,17/09/2017 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=53761002> ,PSAL,247,247,1,4
 BO,3901909,27,17/09/2017 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=53761002> ,PSAL,459.5,459.5,1,4
 BO,3901912,40,19/09/2017 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=53767398> ,PSAL,2.7,2.7,1,4
 BO,3901912,40,19/09/2017 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=53767398> ,PSAL,53.1,53.1,1,4
 BO,3901912,40,19/09/2017 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=53767398> ,PSAL,71.8,71.8,1,4
 BO,3901914,32,11/09/2017 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=53695336> ,PSAL,79,79,1,4
 BO,6900448,230,03/09/2017 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=53610233> ,PSAL,1900.8,1900.8,1,4
 BO,6900448,230,03/09/2017 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=53610233> ,PSAL_ADJUSTED,1900.8,1900.8,1,4
 BO,6901119,217,30/08/2017 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=53554823> ,PSAL,120,180.5,1,4
 BO,6901119,217,30/08/2017 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=53554823> ,PSAL,219.7,2001.7,1,4

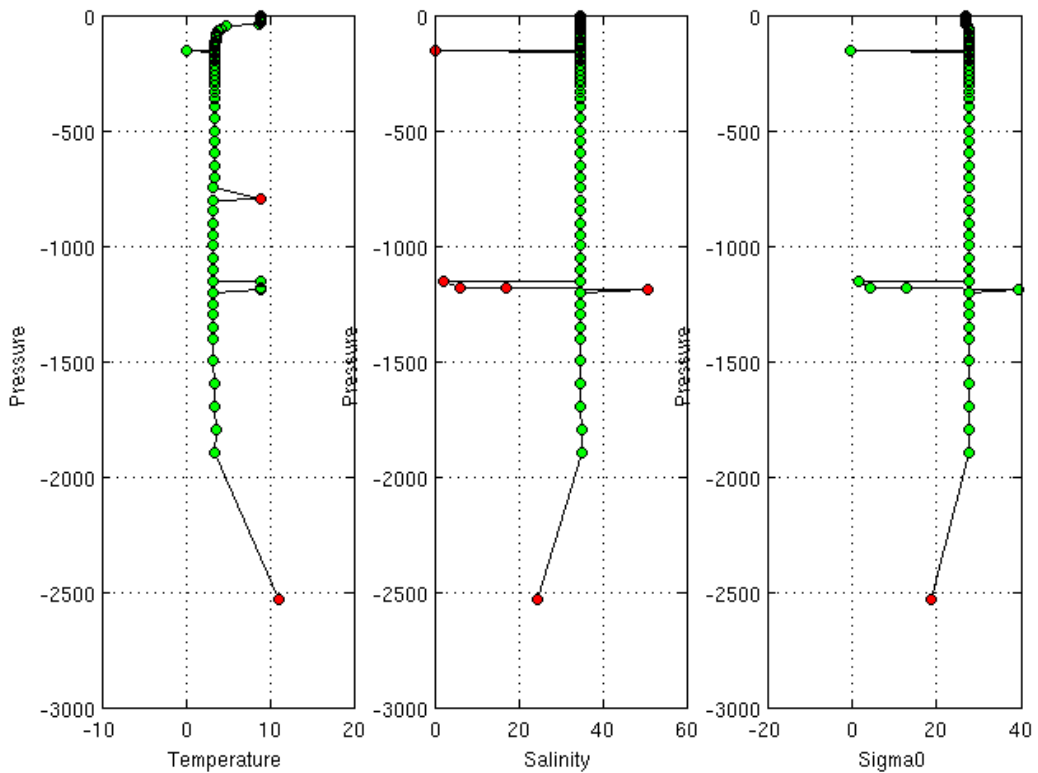
BO,6901119,217,30/08/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53554823 ,PSAL,24.1,30.4,1,4
BO,6901119,217,30/08/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53554823 ,PSAL,50.6,90.2,1,4
BO,6901119,217,30/08/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53554823 ,PSAL_ADJUSTED,120,180.5,1,4
BO,6901119,217,30/08/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53554823 ,PSAL_ADJUSTED,219.7,2001.7,1,4
BO,6901119,217,30/08/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53554823 ,PSAL_ADJUSTED,24.1,30.4,1,4
BO,6901119,217,30/08/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53554823 ,PSAL_ADJUSTED,50.6,90.2,1,4
BO,6901119,218,09/09/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53674021 ,PSAL,130,1988,1,4
BO,6901119,218,09/09/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53674021 ,PSAL,60.5,80.1,1,4
BO,6901119,218,09/09/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53674021 ,PSAL_ADJUSTED,130,1988,1,4
BO,6901119,218,09/09/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53674021 ,PSAL_ADJUSTED,60.5,80.1,1,4
BO,6901119,219,19/09/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53767612 ,PSAL,119.5,139.9,1,4
BO,6901119,219,19/09/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53767612 ,PSAL,170.2,179.8,1,4
BO,6901119,219,19/09/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53767612 ,PSAL,220.4,2004.1,1,4
BO,6901119,219,19/09/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53767612 ,PSAL,60.3,90.3,1,4
BO,6901119,219,19/09/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53767612 ,PSAL_ADJUSTED,119.5,139.9,1,4
BO,6901119,219,19/09/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53767612 ,PSAL_ADJUSTED,170.2,179.8,1,4
BO,6901119,219,19/09/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53767612 ,PSAL_ADJUSTED,220.4,2004.1,1,4
BO,6901119,219,19/09/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53767612 ,PSAL_ADJUSTED,60.3,90.3,1,4
BO,6901166,115,01/09/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53593648 ,TEMP,153.9,153.9,1,4
BO,6901166,116,04/09/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53616883 ,TEMP,153.8,153.8,1,4
BO,6901166,117,14/09/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53721912 ,TEMP,1152.1,1188.3,1,4
BO,6901166,117,14/09/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53721912 ,TEMP,153.9,153.9,1,4
BO,6901171,118,20/09/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53787620 ,PSAL,148.3,148.3,1,4
BO,6901171,118,20/09/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53787620 ,PSAL,170.4,180.2,1,4
BO,6901171,118,20/09/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53787620 ,PSAL,200.4,259.7,1,4
BO,6901171,118,20/09/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53787620 ,PSAL_ADJUSTED,100.3,100.3,1,4
BO,6901171,118,20/09/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53787620 ,PSAL_ADJUSTED,148.3,148.3,1,4
BO,6901171,118,20/09/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53787620 ,PSAL_ADJUSTED,170.4,180.2,1,4
BO,6901171,118,20/09/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53787620 ,PSAL_ADJUSTED,200.4,259.7,1,4
BO,6901190,48,27/09/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53861073 ,PSAL,50.6,50.6,1,4
BO,6901190,48,27/09/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53861073 ,PSAL_ADJUSTED,50.6,50.6,1,4

Example of corrections:

Warning Objective Analysis Anomalies 2017 September TEMP PSAL : DAC BO- Float 1901305-163



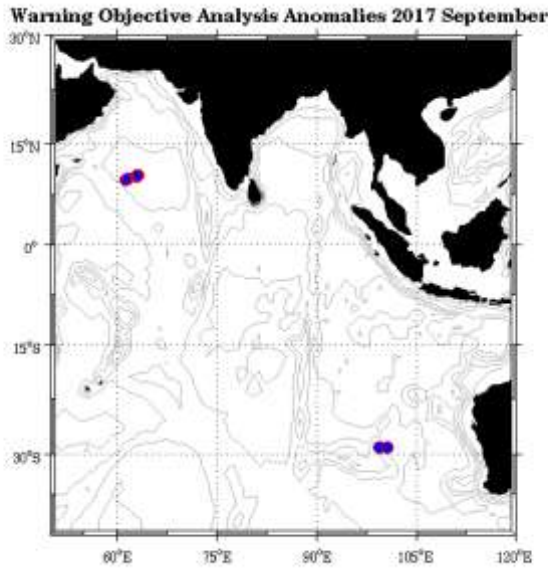
Warning Objective Analysis Anomalies 2017 September TEMP PSAL : DAC BO- Float 6901166-117



3. DAC CSIO

Profiles detected by the objective analysis: 7 profiles (3 floats – float can have several cycles with anomalies)

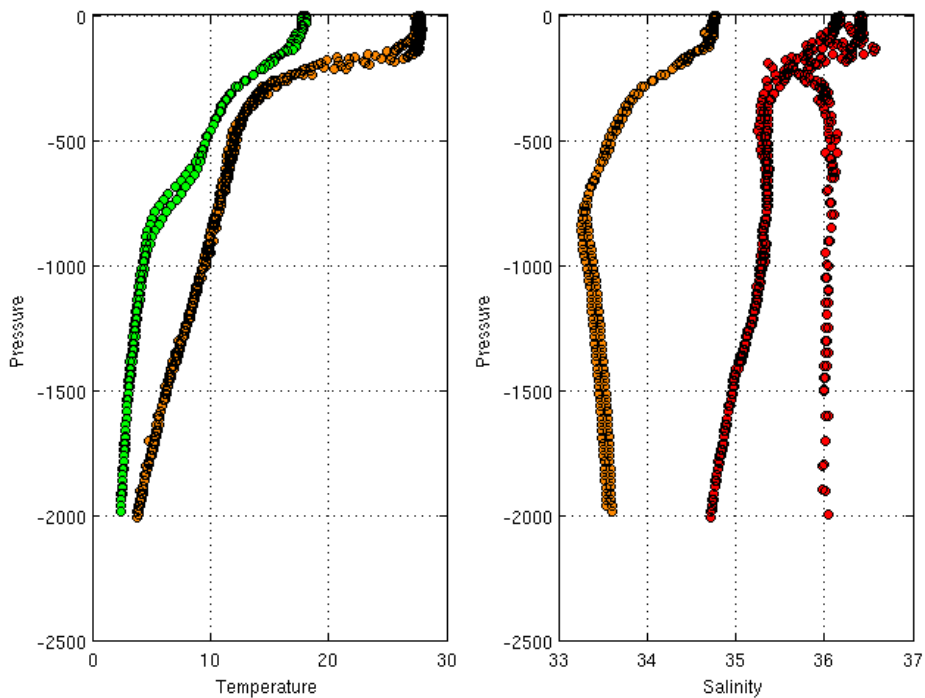
Data_mode ='R'	Data_mode ='A'	Data_mode ='D'
0 cycle	7 cycles	0 cycle



Status of corrections: Correction done, no feedbacks

Float : 2901512 - Cycle : 213 - PI : JIANPING XU - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 5684 - Date : 2017 9 3
 Float : 2901512 - Cycle : 214 - PI : JIANPING XU - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 5684 - Date : 2017 9 13
 Float : 2902558 - Cycle : 134 - PI : ZENGHONG LIU - Data mode : A - Platform type : PROVOR - WMO inst type : 841 - FLOAT SERIAL : OIN-12-CH1-S31-4 - Date : 2017 9 1
 Float : 2902558 - Cycle : 135 - PI : ZENGHONG LIU - Data mode : A - Platform type : PROVOR - WMO inst type : 841 - FLOAT SERIAL : OIN-12-CH1-S31-4 - Date : 2017 9 10
 Float : 2902558 - Cycle : 136 - PI : ZENGHONG LIU - Data mode : A - Platform type : PROVOR - WMO inst type : 841 - FLOAT SERIAL : OIN-12-CH1-S31-4 - Date : 2017 9 20
 Float : 2902594 - Cycle : 119 - PI : ZENGHONG LIU - Data mode : A - Platform type : PROVOR - WMO inst type : 841 - FLOAT SERIAL : OIN-13CH-S31-28 - Date : 2017 9 2
 Float : 2902594 - Cycle : 120 - PI : ZENGHONG LIU - Data mode : A - Platform type : PROVOR - WMO inst type : 841 - FLOAT SERIAL : OIN-13CH-S31-28 - Date : 2017 9 12

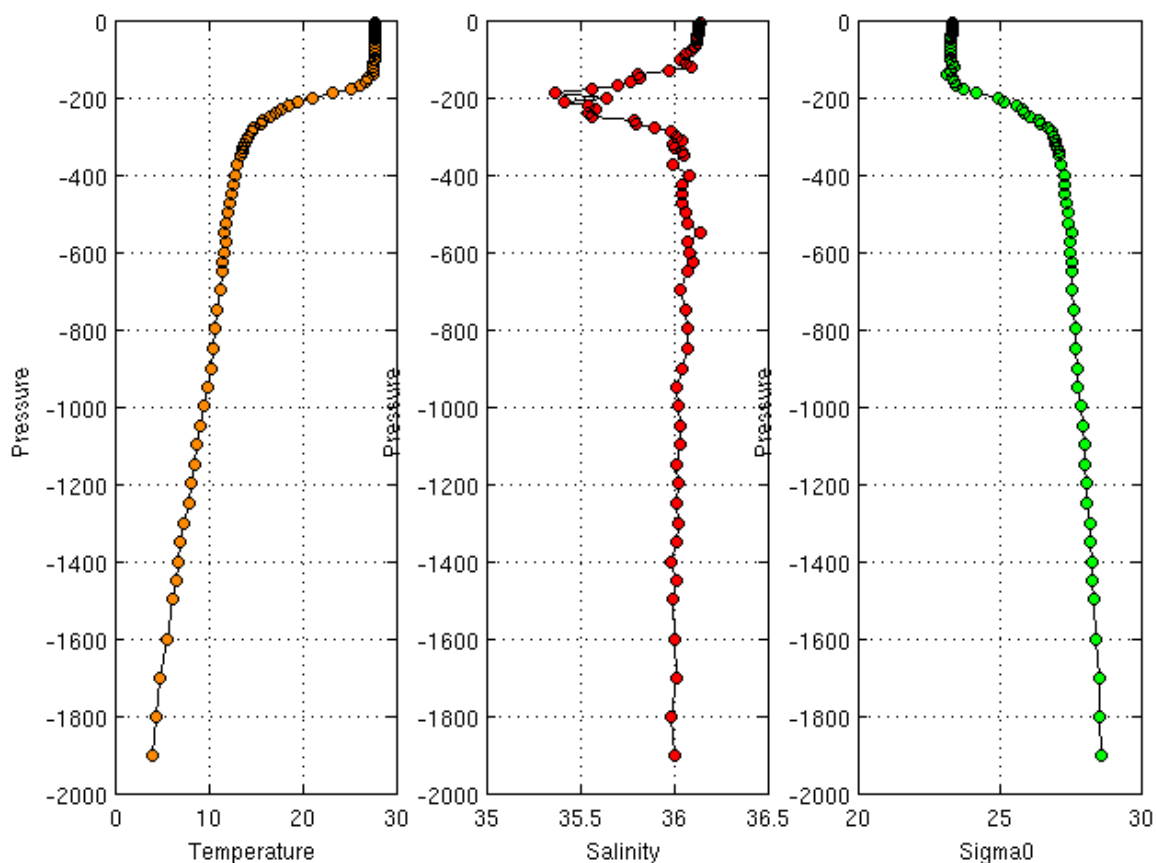
Warning Objective Analysis Anomalies 2017 September TEMP PSAL - DAC HZ



DAC_CODE,PLATFORM_CODE,CV_NUMBER,DATE_UPDATE,DIRECTION,WEB_URL,PARAMETER,START_IMMERSION,STOP_IMMERSION,OLD_QC,NEW_QC
 HZ,2901512,213,03/09/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53613353 ,TEMP,129.5,200.6,1,3
 HZ,2901512,213,03/09/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53613353 ,TEMP,229.7,1999.2,1,3
 HZ,2901512,213,03/09/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53613353 ,TEMP,6.5,50.4,1,3
 HZ,2901512,213,03/09/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53613353 ,TEMP,80.1,100.5,1,3
 HZ,2901512,213,03/09/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53613353 ,TEMP_ADJUSTED,129.5,200.6,1,3
 HZ,2901512,213,03/09/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53613353 ,TEMP_ADJUSTED,229.7,1999.2,1,3
 HZ,2901512,213,03/09/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53613353 ,TEMP_ADJUSTED,6.5,50.4,1,3
 HZ,2901512,213,03/09/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53613353 ,TEMP_ADJUSTED,80.1,100.5,1,3
 HZ,2901512,214,13/09/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53719174 ,TEMP,160.1,524.7,1,3
 HZ,2901512,214,13/09/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53719174 ,TEMP,6.6,109.9,1,3
 HZ,2901512,214,13/09/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53719174 ,TEMP,600.1,1900.3,1,3
 HZ,2901512,214,13/09/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53719174 ,TEMP_ADJUSTED,160.1,524.7,1,3
 HZ,2901512,214,13/09/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53719174 ,TEMP_ADJUSTED,6.6,109.9,1,3
 HZ,2901512,214,13/09/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53719174 ,TEMP_ADJUSTED,600.1,1900.3,1,3
 HZ,2902558,134,01/09/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53593661 ,TEMP,1,1984,1,3
 HZ,2902558,134,01/09/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53593661 ,TEMP_ADJUSTED,1,1984,1,3
 HZ,2902558,135,11/09/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53695621 ,TEMP,1,2008,1,3
 HZ,2902558,135,11/09/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53695621 ,TEMP_ADJUSTED,1,2008,1,3
 HZ,2902558,136,21/09/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53807521 ,TEMP,1,1978,1,3
 HZ,2902558,136,21/09/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53807521 ,TEMP_ADJUSTED,1,1978,1,3
 HZ,2902594,119,03/09/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53613348 ,PSAL,1,1988,1,3
 HZ,2902594,119,03/09/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53613348 ,PSAL_ADJUSTED,1,1988,1,3
 HZ,2902594,120,13/09/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53719167 ,PSAL,1,1963,1,3
 HZ,2902594,120,13/09/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53719167 ,PSAL_ADJUSTED,1,1963,1,3

Example of corrections:

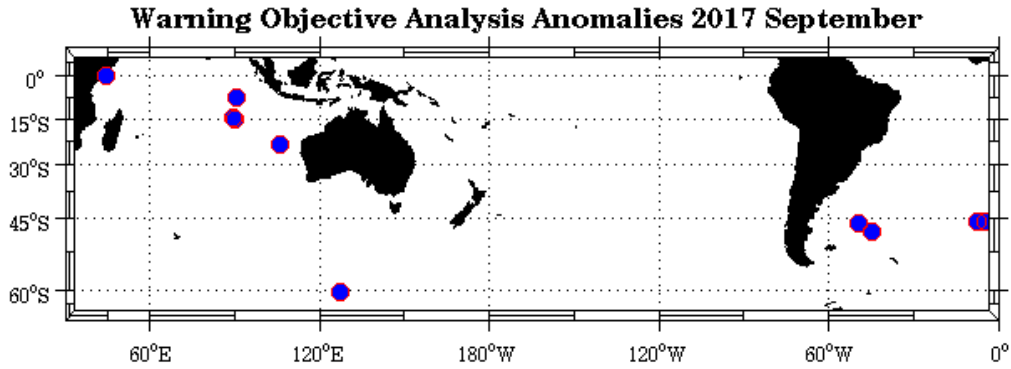
Warning Objective Analysis Anomalies 2017 September TEMP PSAL : DAC HZ- Float 2901512-214



4. DAC CSIRO

Profiles detected by the objective analysis: 10 profiles (7 floats – float can have several cycles with anomalies)

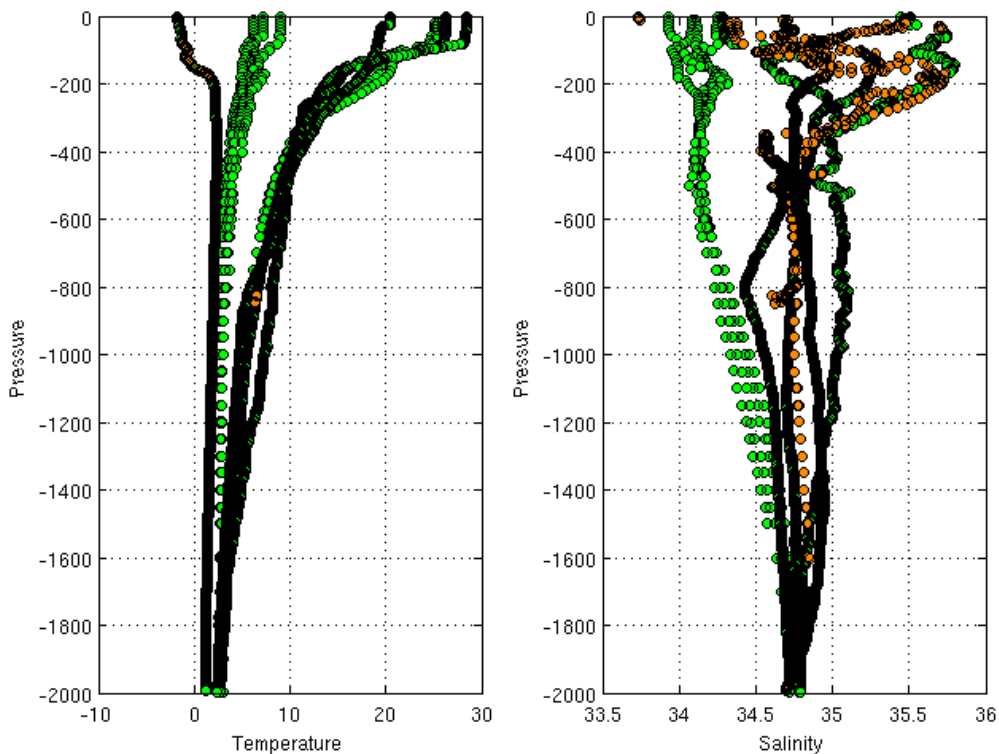
Data_mode ='R'	Data_mode ='A'	Data_mode ='D'
0 cycle	10 cycles	0 cycle



Status of corrections: Corrections done, feedback.

Float : 2901846 - Cycle : 220 - PI : Susan Wijffels - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 5524 - Date : 2017 8 31
 Float : 5903227 - Cycle : 283 - PI : Susan Wijffels - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 4723 - Date : 2017 8 27
 Float : 5903227 - Cycle : 285 - PI : Susan Wijffels - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 4723 - Date : 2017 9 16
 Float : 5903252 - Cycle : 271 - PI : Susan Wijffels - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 4715 - Date : 2017 7 17
 Float : 5903252 - Cycle : 277 - PI : Susan Wijffels - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 4715 - Date : 2017 9 15
 Float : 5903914 - Cycle : 211 - PI : Susan Wijffels - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 5478 - Date : 2017 9 1
 Float : 5903914 - Cycle : 212 - PI : Susan Wijffels - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 5478 - Date : 2017 9 11
 Float : 5903920 - Cycle : 217 - PI : Susan Wijffels - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 5109 - Date : 2017 9 24
 Float : 5905005 - Cycle : 66 - PI : Susan Wijffels - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7412 - Date : 2017 9 13
 Float : 5905201 - Cycle : 9 - PI : Susan Wijffels - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7601 - Date : 2017 9 16

Warning Objective Analysis Anomalies 2017 September TEMP PSAL - DAC CS



DAC_CODE,PLATFORM_CODE,CV_NUMBER,DATE_UPDATE,DIRECTION,WEB_URL,PARAMETER,START_IMMERSION,STOP_IMMERSION,OLD_QC,NEW_QC

CS,2901846,220,01/09/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53590134 ,PSAL,24,24,3,4

CS,2901846,220,01/09/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53590134 ,PSAL,36,90,3,4

CS,2901846,220,01/09/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53590134 ,PSAL,508,534,1,3

CS,2901846,220,01/09/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53590134 ,PSAL,94,98,3,4

CS,2901846,220,01/09/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53590134 ,PSAL_ADJUSTED,24,24,3,4

CS,2901846,220,01/09/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53590134 ,PSAL_ADJUSTED,36,90,3,4

CS,2901846,220,01/09/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53590134 ,PSAL_ADJUSTED,508,534,1,3

CS,2901846,220,01/09/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53590134 ,PSAL_ADJUSTED,95.9,98,1,4

CS,5903227,283,30/08/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53545722 ,PSAL_ADJUSTED,10.6,1899.9,1,3

CS,5903227,285,17/09/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53760942 ,PSAL_ADJUSTED,10.2,1900,1,3

CS,5903252,271,20/07/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53042862 ,PSAL_ADJUSTED,4.2,1998.2,1,3

CS,5903252,277,18/09/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53746563 ,PSAL_ADJUSTED,4,1900.3,1,1

CS,5903252,277,18/09/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53746563 ,PSAL_ADJUSTED,4,1900.3,1,3

CS,5903252,277,18/09/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53746563 ,PSAL_ADJUSTED,4,1900.3,3,1

CS,5903914,211,05/09/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53609923 ,PSAL,20.1,1774.6,1,3

CS,5903914,212,14/09/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53716496 ,PSAL,20.1,1776.8,1,3

CS,5903920,217,24/09/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53832686 ,PSAL,174,176,1,3

CS,5903920,217,24/09/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53832686 ,PSAL,228,230,1,3

CS,5903920,217,24/09/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53832686 ,PSAL,354,531.9,1,3

CS,5903920,217,24/09/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53832686 ,PSAL,44,62,1,3

CS,5903920,217,24/09/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53832686 ,PSAL,94,110,1,3

CS,5903920,217,24/09/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53832686 ,PSAL_ADJUSTED,174,176,1,3

CS,5903920,217,24/09/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53832686 ,PSAL_ADJUSTED,228,230,1,3

CS,5903920,217,24/09/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53832686 ,PSAL_ADJUSTED,354,534,1,3

CS,5903920,217,24/09/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53832686 ,PSAL_ADJUSTED,44,62,1,3

CS,5903920,217,24/09/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53832686 ,PSAL_ADJUSTED,92,110,1,3

CS,5905005,66,13/09/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53719507 ,PSAL,108,124,1,3

CS,5905005,66,13/09/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53719507 ,PSAL,134,134,1,3

CS,5905005,66,13/09/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53719507 ,PSAL,142,158,1,3

CS,5905005,66,13/09/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53719507 ,PSAL,176,1993.7,1,3

CS,5905005,66,13/09/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53719507 ,PSAL,4.1,82,1,3

CS,5905005,66,13/09/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53719507 ,PSAL_ADJUSTED,108,124,1,3

CS,5905005,66,13/09/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53719507 ,PSAL_ADJUSTED,134,134,1,3

CS,5905005,66,13/09/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53719507 ,PSAL_ADJUSTED,142,158,1,3

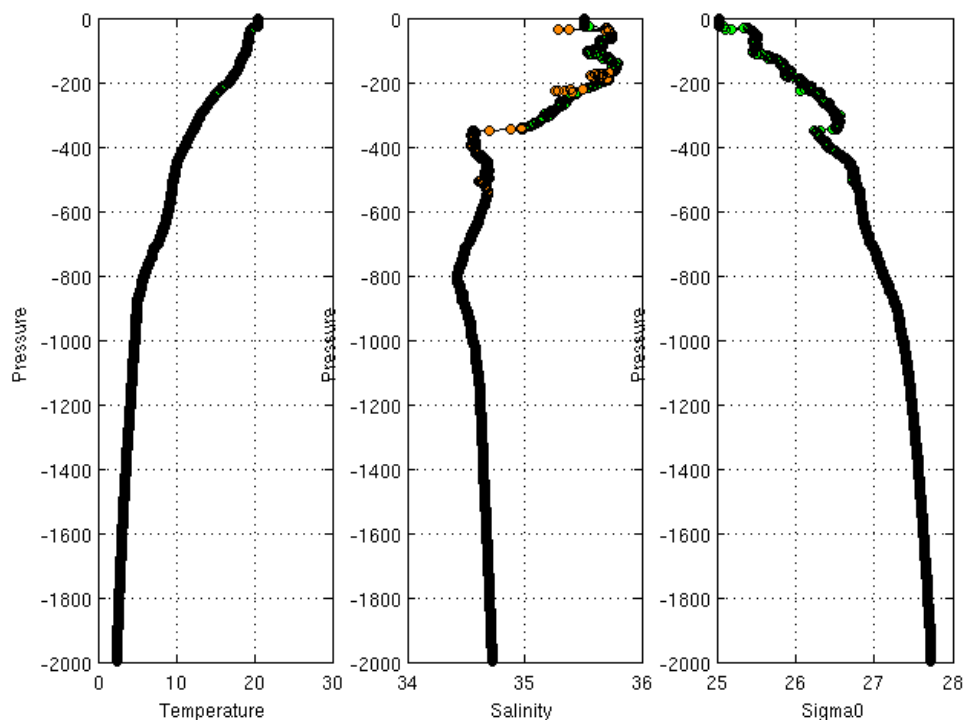
CS,5905005,66,13/09/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53719507 ,PSAL_ADJUSTED,176,1993.7,1,3

CS,5905201,9,16/09/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53746822 ,PSAL,830,838,1,3

CS,5905201,9,16/09/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53746822 ,PSAL_ADJUSTED,830,842,1,3

Example of corrections:

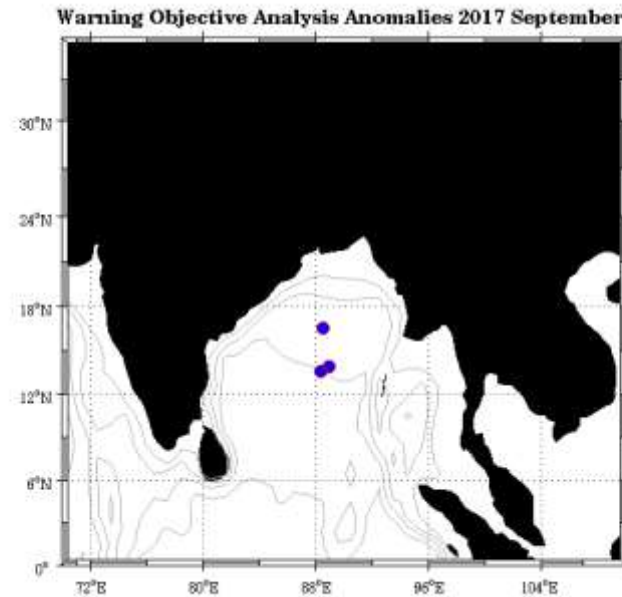
Warning Objective Analysis Anomalies 2017 September TEMP PSAL : DAC CS- Float 5903920-217



5. DAC INCOIS

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

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



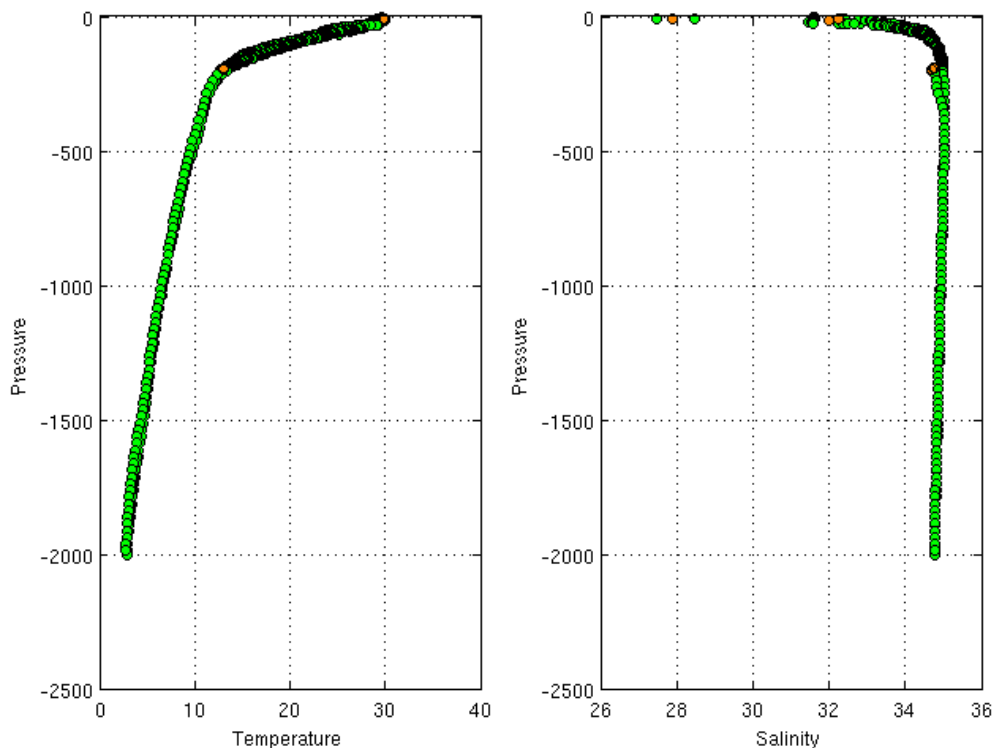
Status of corrections: Corrections not done, no feedback

Float : 2902234 - Cycle : 111 - PI : M Ravichandran - Data mode : A - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 17006 - Date : 2017 9 16

Float : 2902235 - Cycle : 111 - PI : M Ravichandran - Data mode : A - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 17007 - Date : 2017 9 16

Float : 2902236 - Cycle : 19 - PI : M Ravichandran - Data mode : A - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 17008 - Date : 2017 9 22

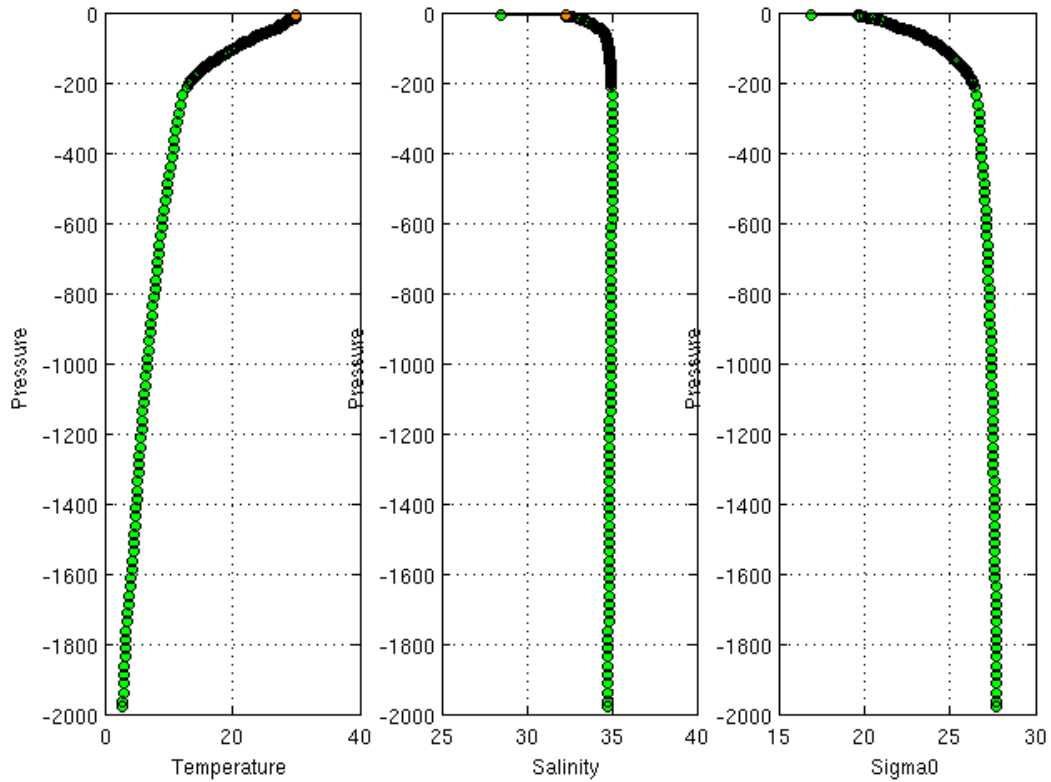
Warning Objective Analysis Anomalies 2017 September TEMP PSAL - DAC IN



IN,2902234,111,26/09/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53840099 ,PSAL,192,313,3,4
IN,2902234,111,26/09/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53840099 ,PSAL_ADJUSTED,192,313,3,4
IN,2902235,111,26/09/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53840109 ,PSAL,7.4,7.4,1,3
IN,2902235,111,26/09/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53840109 ,PSAL_ADJUSTED,7.4,7.4,1,3
IN,2902236,19,26/09/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53840118 ,PSAL,9.4,9.4,1,3
IN,2902236,19,26/09/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53840118 ,PSAL_ADJUSTED,9.4,9.4,1,3

Example of corrections:

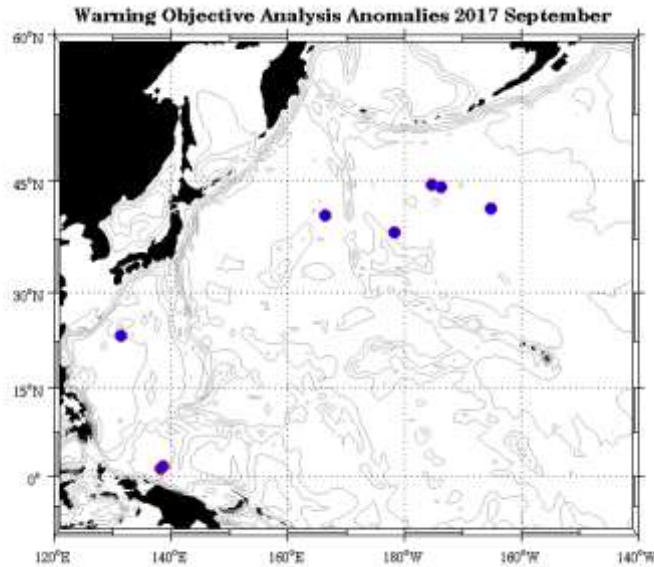
Warning Objective Analysis Anomalies 2017 September TEMP PSAL : DAC IN- Float 2902235-111



6. DAC JMA/JAMSTEC

Profiles detected by the objective analysis: 8 profiles (7 floats – float can have several cycles with anomalies)

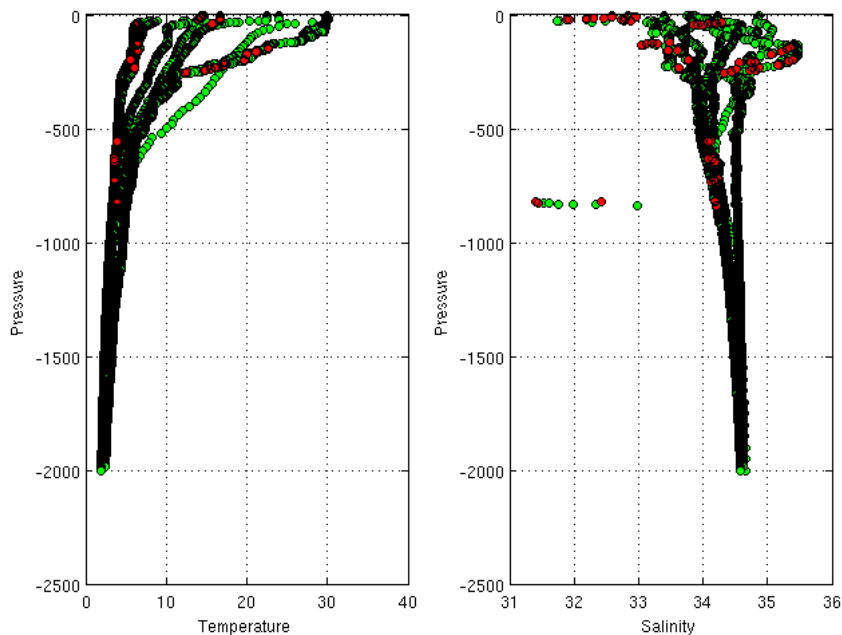
Data_mode ='R'	Data_mode ='A'	Data_mode ='D'
2 cycles	6 cycles	0 cycle



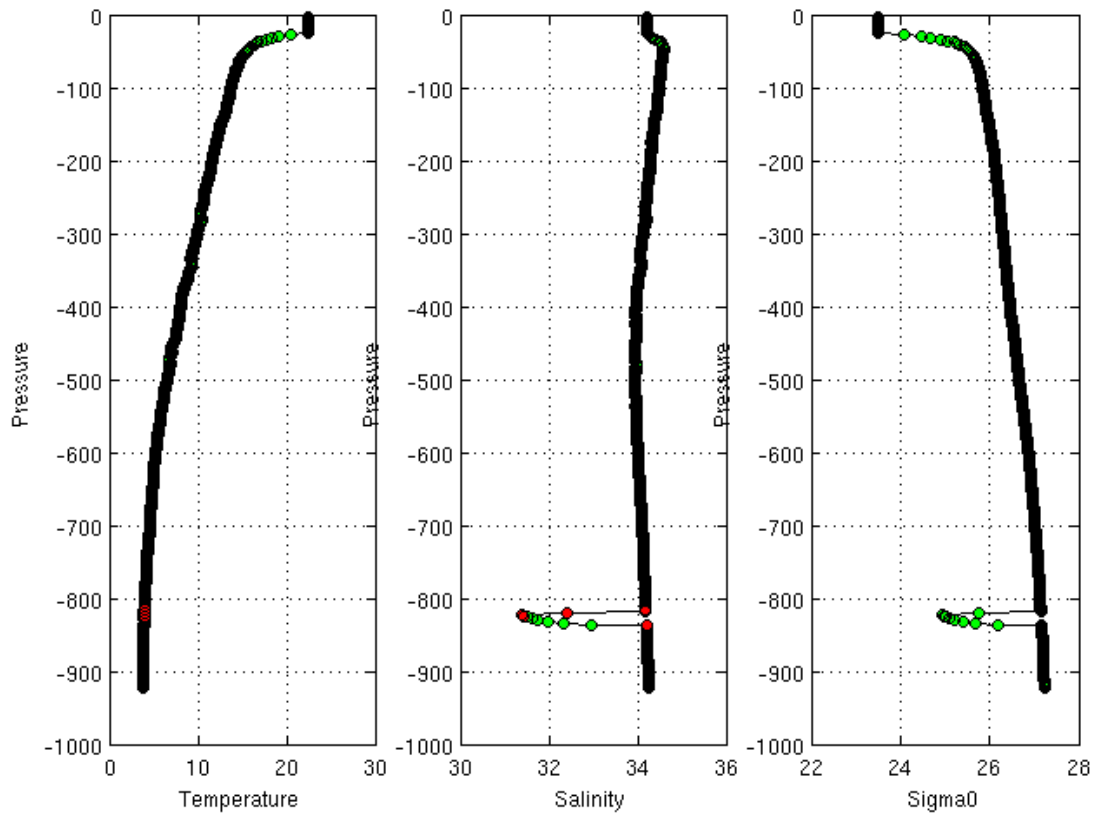
Status of corrections: Correction not done, no feedback

- Float : 2902454 - Cycle : 150 - PI : JAMSTEC - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : OIN-13JAP-ARL-11 - Date : 2017 9 12
- Float : 2902975 - Cycle : 102 - PI : JMA - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : OIN-15JAP-ARL-01 - Date : 2017 9 3
- 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 : 4902366 - Cycle : 45 - PI : JAMSTEC - Data mode : A - Platform type : NAVIS_A - WMO inst type : 863 - FLOAT SERIAL : 0581 - Date : 2017 9 10
- Float : 4902372 - Cycle : 8 - PI : JAMSTEC - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7847 - Date : 2017 9 7
- Float : 4902373 - Cycle : 8 - PI : JAMSTEC - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7848 - Date : 2017 9 7
- Float : 5905045 - Cycle : 279 - PI : JAMSTEC - Data mode : A - Platform type : NAVIS_A - WMO inst type : 863 - FLOAT SERIAL : 0563 - Date : 2017 9 13
- Float : 5905045 - Cycle : 285 - PI : JAMSTEC - Data mode : A - Platform type : NAVIS_A - WMO inst type : 863 - FLOAT SERIAL : 0563 - Date : 2017 9 25

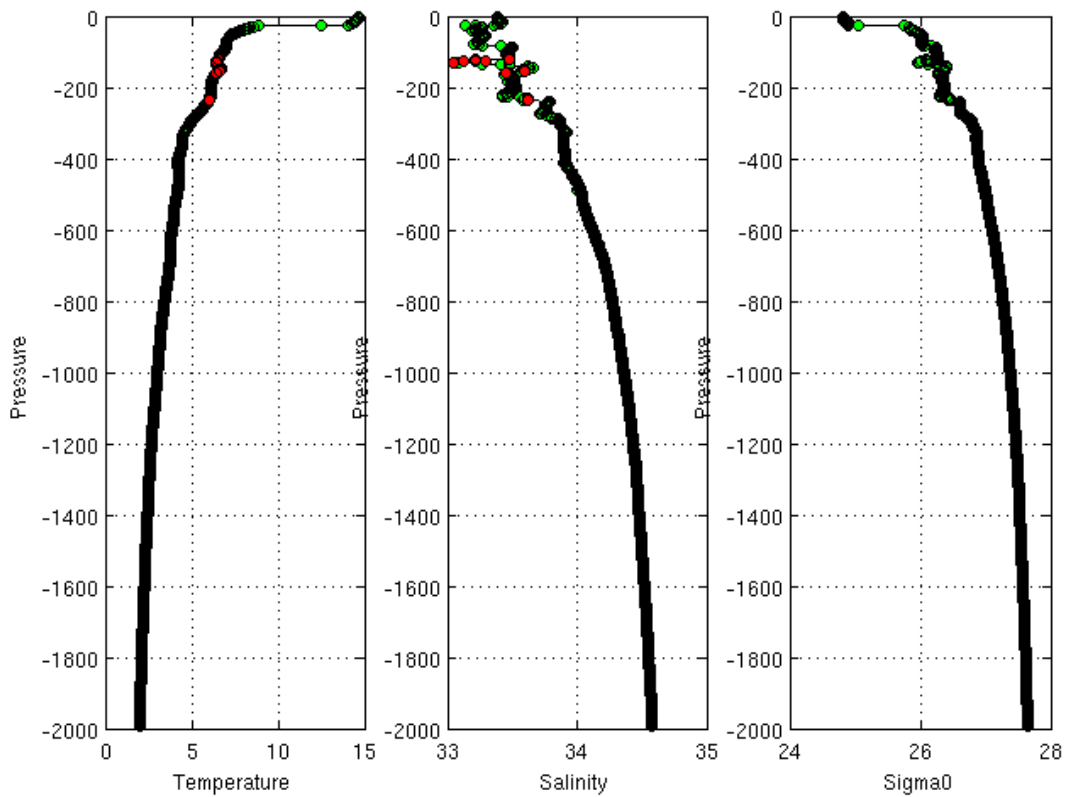
Warning Objective Analysis Anomalies 2017 September TEMP PSAL - DAC JA



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



Warning Objective Analysis Anomalies 2017 September TEMP PSAL : DAC JA- Float 4902373-8

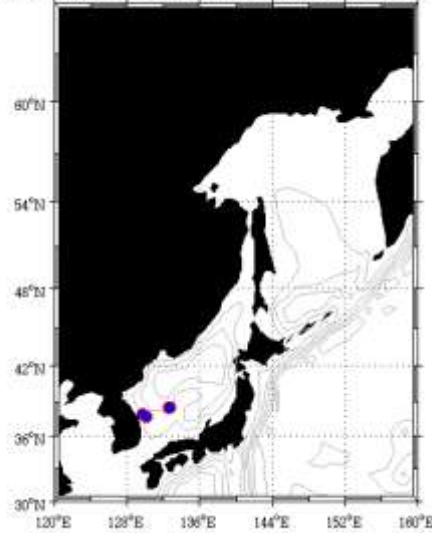


7. DAC KMA

Profiles detected by the objective analysis: 4 profiles (2 floats – float can have several cycles with anomalies)

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

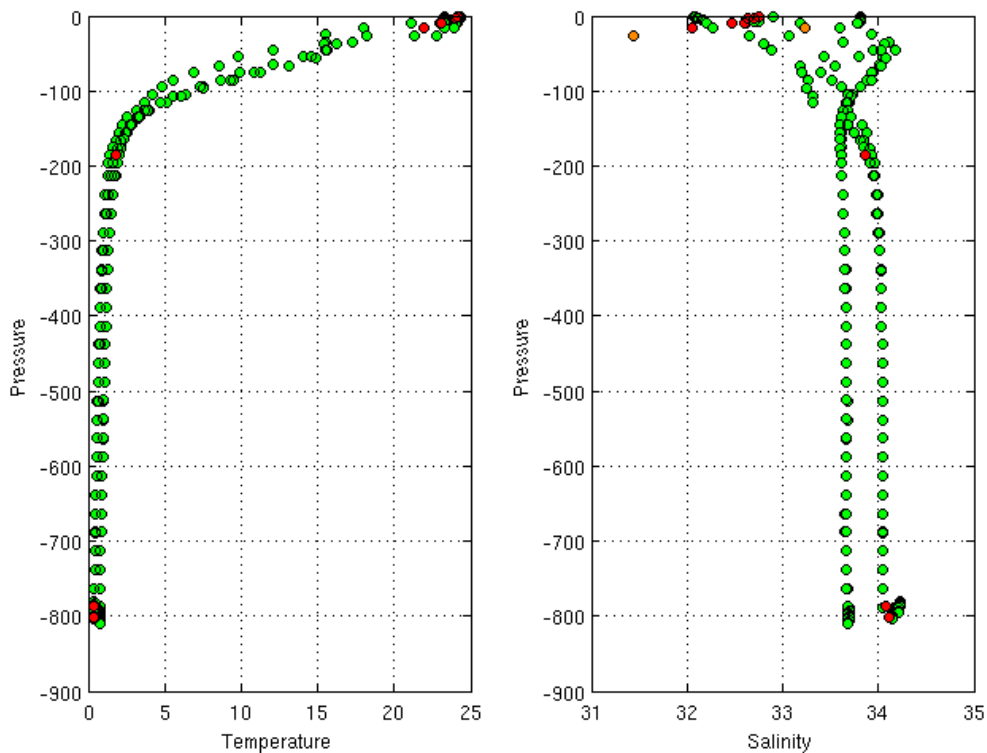
Warning Objective Analysis Anomalies 2017 September



Status of corrections: Correction not done, no feedback

Float : 2901724 - Cycle : 161 - PI : Youngsoo Jeon - Data mode : R - Platform type : ARVOR - WMO inst type : 846 - FLOAT SERIAL : n/a - Date : 2017 9 5
 Float : 2901724 - Cycle : 162 - PI : Youngsoo Jeon - Data mode : R - Platform type : ARVOR - WMO inst type : 846 - FLOAT SERIAL : n/a - Date : 2017 9 12
 Float : 2901750 - Cycle : 58 - PI : Jaeyoung Byon - Data mode : R - Platform type : ARVOR - WMO inst type : 846 - FLOAT SERIAL : n/a - Date : 2017 9 9
 Float : 2901750 - Cycle : 59 - PI : Jaeyoung Byon - Data mode : R - Platform type : ARVOR - WMO inst type : 846 - FLOAT SERIAL : n/a - Date : 2017 9 16

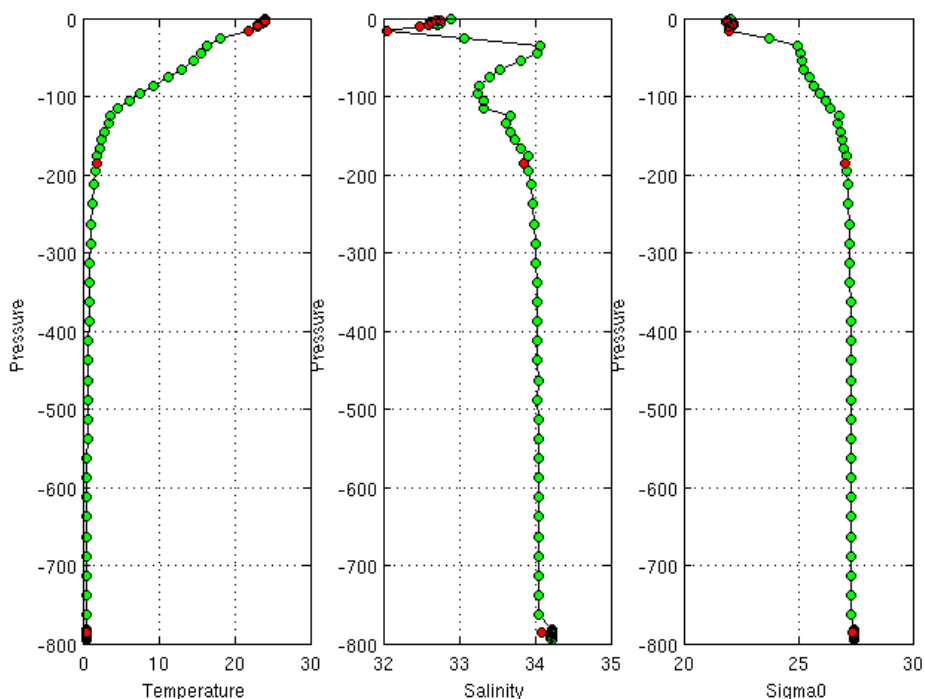
Warning Objective Analysis Anomalies 2017 September TEMP PSAL - DAC KM



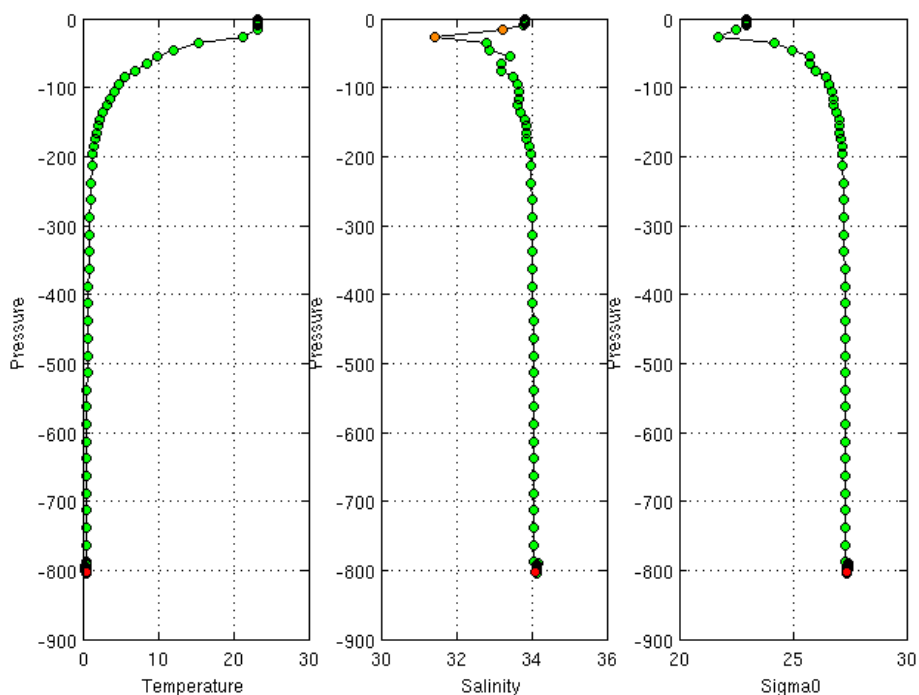
DAC_CODE,PLATFORM_CODE,CV_NUMBER,DATE_UPDATE,DIRECTION,WEB_URL,PARAMETER,START_IMMERSION,STOP_IMMERSION,OLD_QC,NEW_QC
 KM,2901724,161,06/09/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53624397 ,PSAL,1,809,1,3
 KM,2901724,162,13/09/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53718626 ,PSAL,9,806,1,3
 KM,2901724,162,13/09/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53718626 ,TEMP,9,806,1,3
 KM,2901750,58,10/09/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53692840 ,PSAL,5,5,1,4
 KM,2901750,58,10/09/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53692840 ,PSAL,781,785,1,4
 KM,2901750,58,10/09/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53692840 ,PSAL,787,795,1,4
 KM,2901750,59,17/09/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53760943 ,PSAL,26,26,3,4
 KM,2901750,59,17/09/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53760943 ,PSAL,789,801,1,4
 KM,2901750,59,17/09/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53760943 ,PSAL,804,804,1,4

Example of anomalies:

Warning Objective Analysis Anomalies 2017 September TEMP PSAL : DAC KM- Float 2901750-58



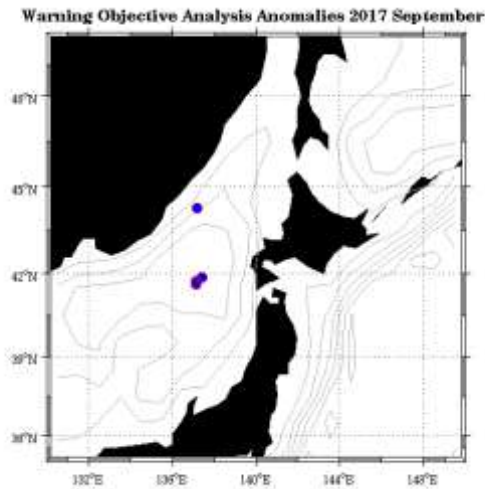
Warning Objective Analysis Anomalies 2017 September TEMP PSAL : DAC KM- Float 2901750-59



8. DAC KORDI

Profiles detected by the objective analysis: 4 profiles (3 floats – float can have several cycles with anomalies)

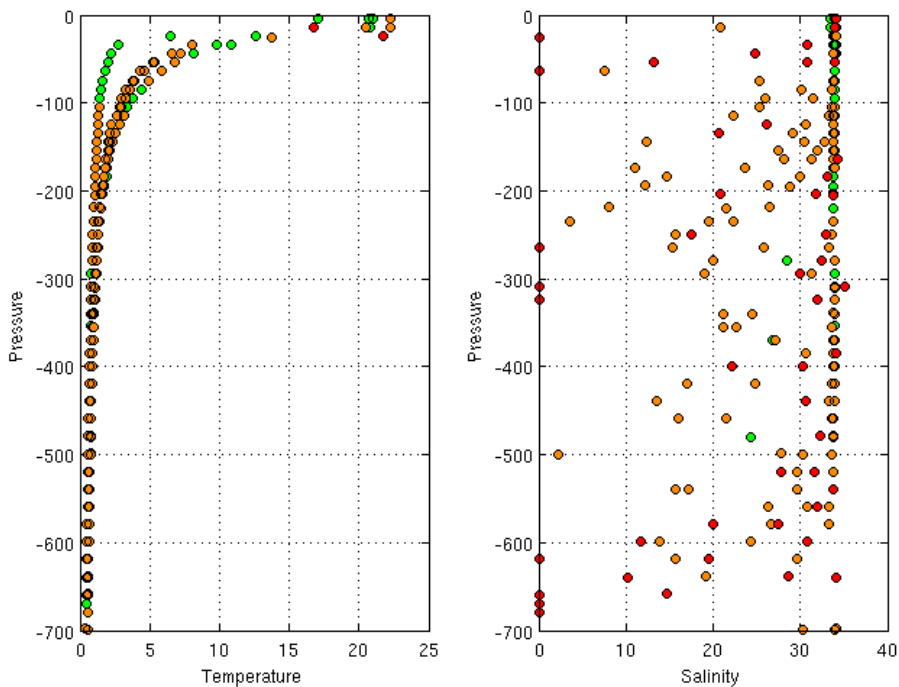
Data_mode ='R'	Data_mode ='A'	Data_mode ='D'
0 cycle	4 cycles	0 cycle



Status of corrections: Corrections not done, no feedback.

Float : 2900205 - Cycle : 548 - PI : Moon-Sik Suk - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 663 - Date : 2017 9 3
 Float : 2900205 - Cycle : 549 - PI : Moon-Sik Suk - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 663 - Date : 2017 9 13
 Float : 2900205 - Cycle : 550 - PI : Moon-Sik Suk - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 663 - Date : 2017 9 23
 Float : 2900452 - Cycle : 473 - PI : Moon-Sik Suk - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 1540 - Date : 2017 9 20

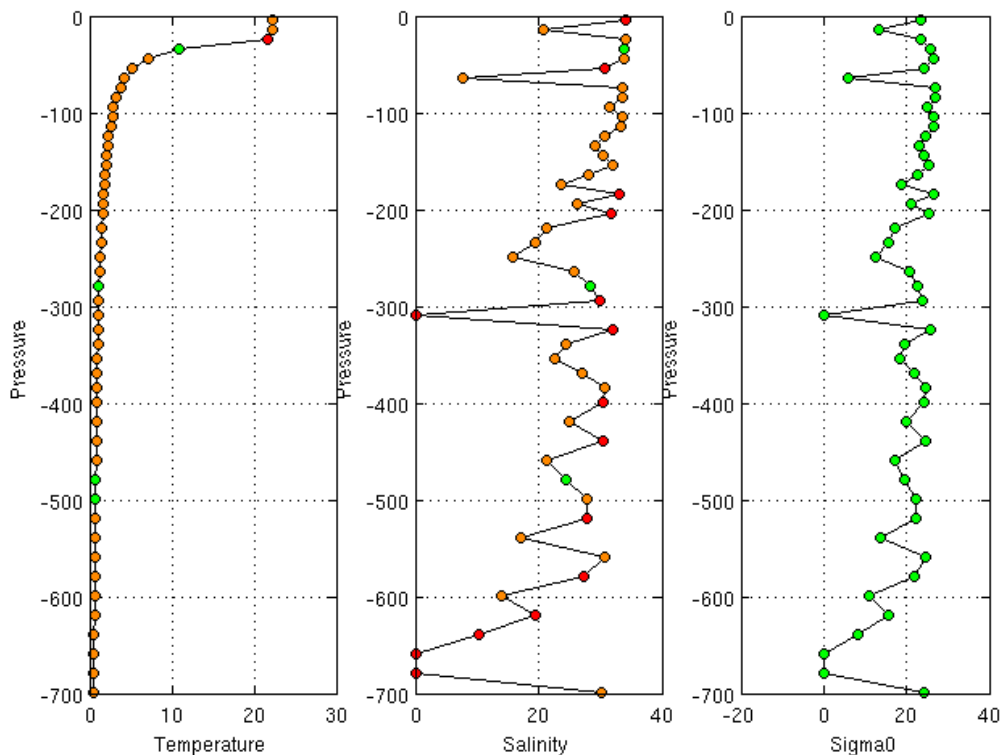
Warning Objective Analysis Anomalies 2017 September TEMP PSAL - DAC KO



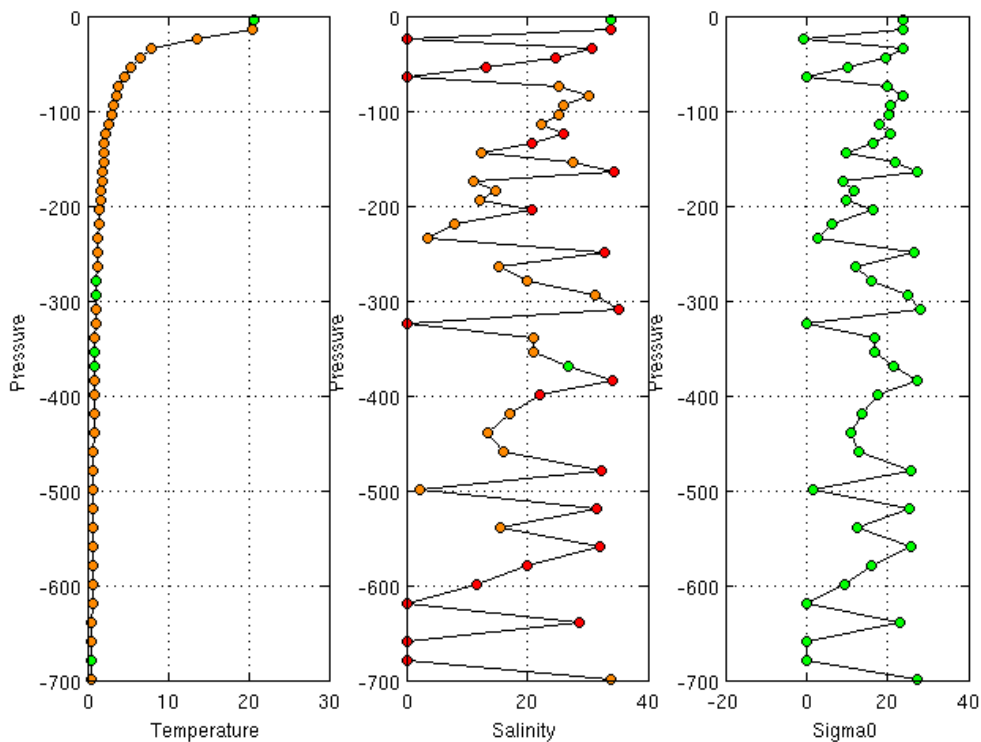
DAC_CODE,PLATFORM_CODE,CV_NUMBER,DATE_UPDATE,DIRECTION,WEB_URL,PARAMETER,START_IMMERSION,STOP_IMMERSION,OLD_QC,NEW_QC
 KO,2900205,548,04/09/2017 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=53616613> ,PSAL,174.5,219.1,1,3
 KO,2900205,548,04/09/2017 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=53616613> ,PSAL,293.9,293.9,3,4
 KO,2900205,548,04/09/2017 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=53616613> ,PSAL,539.1,539.1,3,4
 KO,2900205,548,04/09/2017 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=53616613> ,PSAL,618.9,638.7,3,4

Example of anomalies:

Warning Objective Analysis Anomalies 2017 September TEMP PSAL : DAC KO- Float 2900205-549



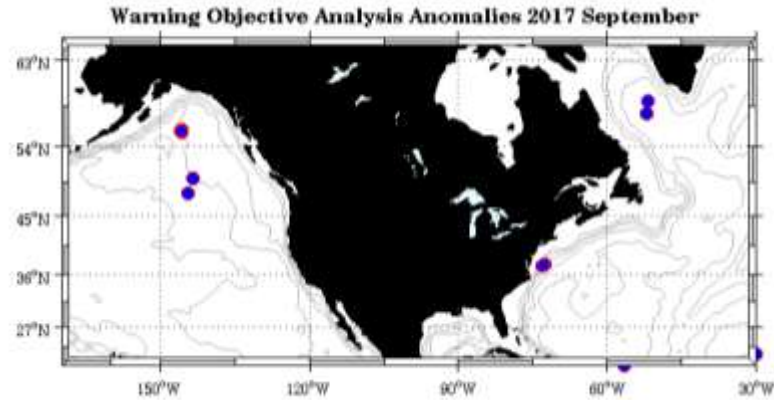
Warning Objective Analysis Anomalies 2017 September TEMP PSAL : DAC KO- Float 2900205-550



9. DAC MEDS

Profiles detected by the objective analysis: 14 profiles (7 floats – float can have several cycles with anomalies)

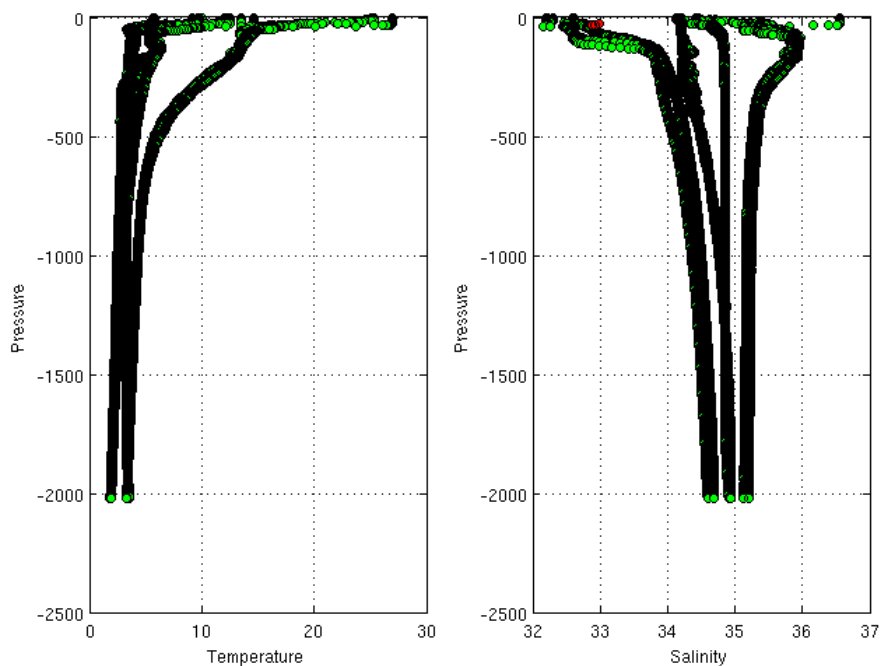
Data_mode ='R'	Data_mode ='A'	Data_mode ='D'
0 cycle	3 cycles	11 cycles



Status of corrections: Correction done or in progress, feedback

Float : 4901747 - Cycle : 157 - PI : Blair Greenan - Data mode : D - Platform type : NOVA - WMO inst type : 865 - FLOAT SERIAL : 77 - Date : 2017 9 4
 Float : 4901774 - Cycle : 80 - PI : Blair Greenan - Data mode : A - Platform type : NOVA - WMO inst type : 865 - FLOAT SERIAL : 190 - Date : 2017 9 14
 Float : 4901792 - Cycle : 63 - PI : Blair Greenan - Data mode : D - Platform type : NOVA - WMO inst type : 865 - FLOAT SERIAL : 208 - Date : 2017 8 19
 Float : 4901792 - Cycle : 64 - PI : Blair Greenan - Data mode : D - Platform type : NOVA - WMO inst type : 865 - FLOAT SERIAL : 208 - Date : 2017 8 29
 Float : 4901792 - Cycle : 65 - PI : Blair Greenan - Data mode : D - Platform type : NOVA - WMO inst type : 865 - FLOAT SERIAL : 208 - Date : 2017 9 8
 Float : 4901792 - Cycle : 66 - PI : Blair Greenan - Data mode : D - Platform type : NOVA - WMO inst type : 865 - FLOAT SERIAL : 208 - Date : 2017 9 18
 Float : 4901798 - Cycle : 85 - PI : Blair Greenan - Data mode : D - Platform type : NOVA - WMO inst type : 865 - FLOAT SERIAL : 214 - Date : 2017 8 17
 Float : 4901798 - Cycle : 86 - PI : Blair Greenan - Data mode : D - Platform type : NOVA - WMO inst type : 865 - FLOAT SERIAL : 214 - Date : 2017 8 27
 Float : 4901798 - Cycle : 87 - PI : Blair Greenan - Data mode : D - Platform type : NOVA - WMO inst type : 865 - FLOAT SERIAL : 214 - Date : 2017 9 6
 Float : 4901825 - Cycle : 42 - PI : Blair Greenan - Data mode : D - Platform type : NOVA - WMO inst type : 865 - FLOAT SERIAL : 331 - Date : 2017 8 31
 Float : 4901825 - Cycle : 43 - PI : Blair Greenan - Data mode : D - Platform type : NOVA - WMO inst type : 865 - FLOAT SERIAL : 331 - Date : 2017 9 10
 Float : 4901825 - Cycle : 44 - PI : Blair Greenan - Data mode : D - Platform type : NOVA - WMO inst type : 865 - FLOAT SERIAL : 331 - Date : 2017 9 20
 Float : 4902383 - Cycle : 49 - PI : Blair Greenan - Data mode : A - Platform type : NOVA - WMO inst type : 865 - FLOAT SERIAL : 337 - Date : 2017 9 10
 Float : 4902401 - Cycle : 21 - PI : Blair Greenan - Data mode : A - Platform type : NOVA - WMO inst type : 865 - FLOAT SERIAL : 437 - Date : 2017 9 10

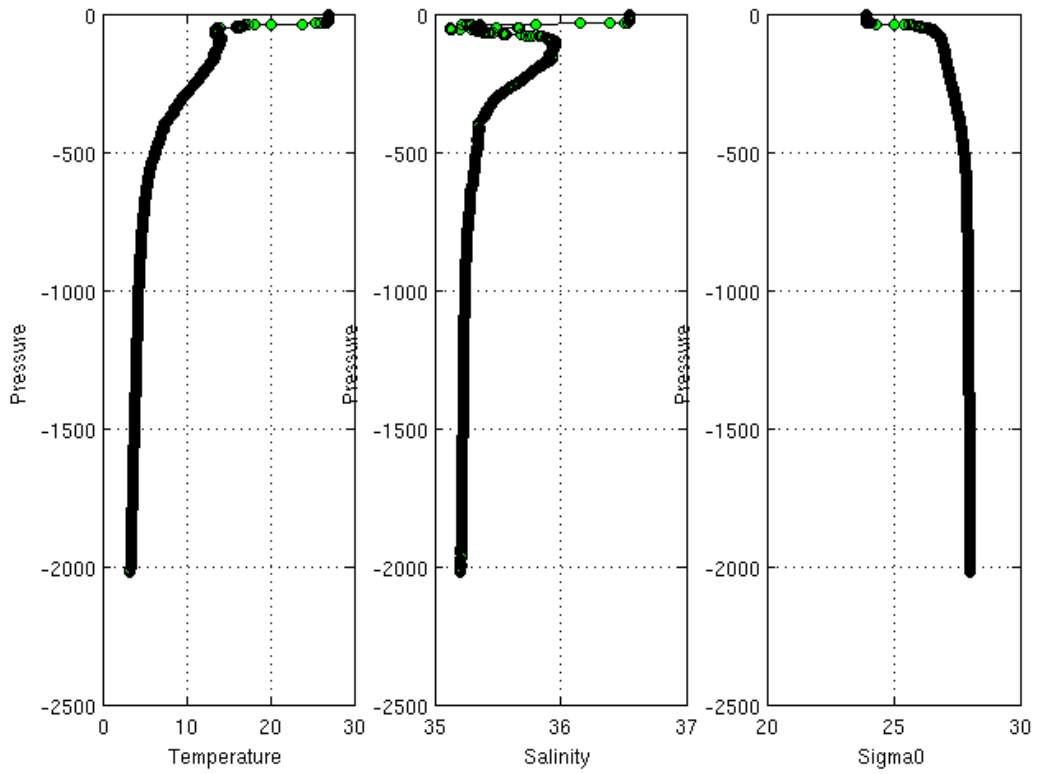
Warning Objective Analysis Anomalies 2017 September TEMP PSAL - DAC ME



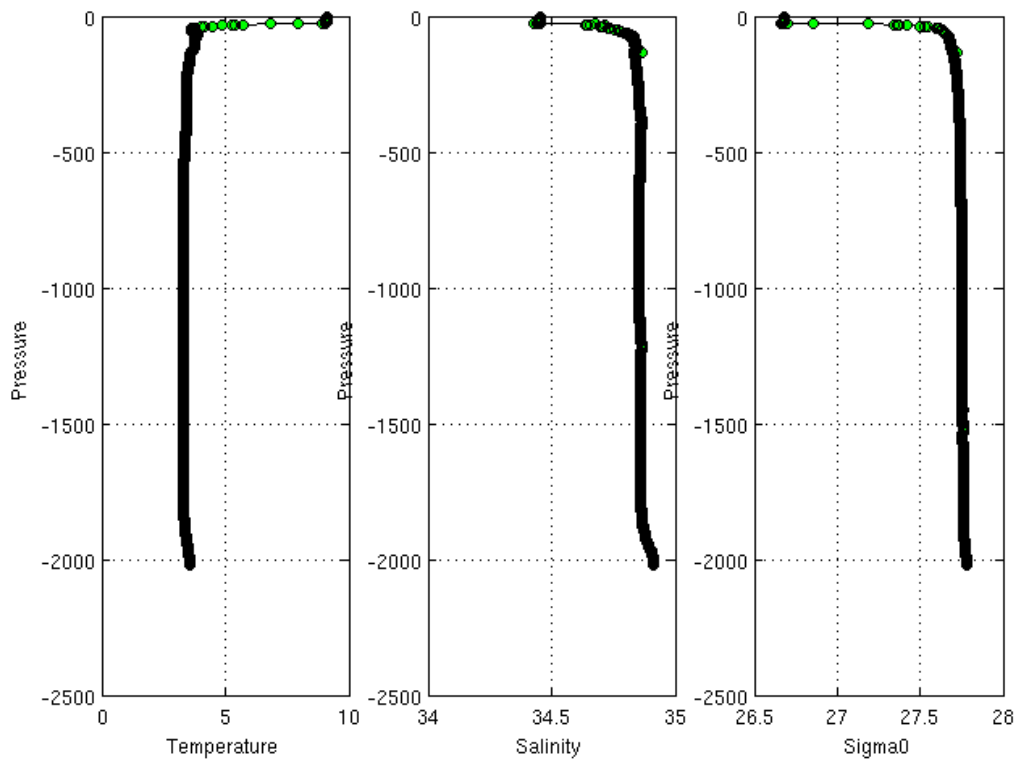
DAC_CODE,PLATFORM_CODE,CV_NUMBER,DATE_UPDATE,DIRECTION,WEB_URL,PARAMETER,START_IMMERSION,STOP_IMMERSION,OLD_QC,NEW_QC
ME,4901747,157,04/09/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53618008 ,PSAL,18.9,26,1,4
ME,4901747,157,04/09/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53618008 ,PSAL_ADJUSTED,18.9,26,1,4
ME,4901774,80,14/09/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53721731 ,PSAL,35,36,1,4
ME,4901792,63,22/09/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53457016 ,PSAL,2.1,2020,1,3
ME,4901792,63,22/09/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53457016 ,PSAL_ADJUSTED,2.1,2020,1,3
ME,4901792,64,22/09/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53550436 ,PSAL,2.2,2020.1,1,3
ME,4901792,64,22/09/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53550436 ,PSAL_ADJUSTED,2.2,2020.1,1,3
ME,4901792,65,08/09/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53657456 ,PSAL,2.2,2004.6,1,3
ME,4901792,65,08/09/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53657456 ,PSAL_ADJUSTED,2.2,2004.6,1,3
ME,4901792,65,22/09/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53657456 ,PSAL,2.2,2004.6,1,3
ME,4901792,65,22/09/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53657456 ,PSAL_ADJUSTED,2.2,2004.6,1,3
ME,4901792,66,18/09/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53763383 ,PSAL,2.2,2020.1,1,3
ME,4901792,66,18/09/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53763383 ,PSAL_ADJUSTED,2.2,2020.1,1,3
ME,4901792,66,22/09/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53763383 ,PSAL,2.2,2020.1,1,3
ME,4901792,66,22/09/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53763383 ,PSAL_ADJUSTED,2.2,2020.1,1,3
ME,4901798,85,01/09/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53436520 ,PSAL,2.1,2020.1,1,3
ME,4901798,85,01/09/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53436520 ,PSAL_ADJUSTED,2.1,2020.1,1,3
ME,4901798,86,01/09/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53542710 ,PSAL,2.2,2020.1,1,3
ME,4901798,86,01/09/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53542710 ,PSAL_ADJUSTED,2.2,2020.1,1,3
ME,4901798,87,06/09/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53624625 ,PSAL,2,2020,1,3
ME,4901798,87,06/09/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53624625 ,PSAL_ADJUSTED,2,2020,1,3
ME,4901825,42,31/08/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53590095 ,PSAL,2.1,28,1,3
ME,4901825,42,31/08/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53590095 ,PSAL,30.1,2014.4,4,3
ME,4901825,42,31/08/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53590095 ,PSAL_ADJUSTED,2.1,28,1,3
ME,4901825,42,31/08/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53590095 ,PSAL_ADJUSTED,31,2014.4,1,3
ME,4901825,43,10/09/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53693392 ,PSAL,1.5,34,1,3
ME,4901825,43,10/09/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53693392 ,PSAL,36,2020.1,4,3
ME,4901825,43,10/09/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53693392 ,PSAL_ADJUSTED,1.5,34,1,3
ME,4901825,43,10/09/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53693392 ,PSAL_ADJUSTED,37,2020.1,1,3
ME,4901825,43,22/09/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53693392 ,PSAL,1.5,2020.1,4,3
ME,4901825,43,22/09/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53693392 ,PSAL_ADJUSTED,1.5,34,1,3
ME,4901825,43,22/09/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53693392 ,PSAL_ADJUSTED,37,2020.1,1,3
ME,4901825,44,20/09/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53791293 ,PSAL,1.5,33,1,3
ME,4901825,44,20/09/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53791293 ,PSAL,36,2020.1,1,3
ME,4901825,44,20/09/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53791293 ,PSAL_ADJUSTED,1.5,33,1,3
ME,4901825,44,20/09/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53791293 ,PSAL_ADJUSTED,36,2020.1,1,3
ME,4901825,44,22/09/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53791293 ,PSAL,1.5,33,1,3
ME,4901825,44,22/09/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53791293 ,PSAL,36,2020.1,1,3
ME,4901825,44,22/09/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53791293 ,PSAL_ADJUSTED,1.5,33,1,3
ME,4901825,44,22/09/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53791293 ,PSAL_ADJUSTED,36,2020.1,1,3
ME,4902383,49,10/09/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53693067 ,PSAL,135.1,135.1,1,4
ME,4902383,49,10/09/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53693067 ,PSAL,1810.2,2019.8,1,3
ME,4902383,49,10/09/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53693067 ,PSAL,30.9,30.9,1,4
ME,4902383,49,10/09/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53693067 ,PSAL_ADJUSTED,135.1,135.1,1,4
ME,4902383,49,10/09/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53693067 ,PSAL_ADJUSTED,1810.2,2019.8,1,3
ME,4902383,49,10/09/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53693067 ,PSAL_ADJUSTED,30.9,30.9,1,4
ME,4902383,49,10/09/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53693067 ,TEMP,1805,2019.8,1,3
ME,4902383,49,10/09/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53693067 ,TEMP_ADJUSTED,1805,2019.8,1,3
ME,4902401,21,10/09/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53693318 ,PSAL,20,22,1,4
ME,4902401,21,10/09/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53693318 ,PSAL_ADJUSTED,20,22,1,4

Example of anomalies:

Warning Objective Analysis Anomalies 2017 September TEMP PSAL : DAC ME- Float 4901798-87



Warning Objective Analysis Anomalies 2017 September TEMP PSAL : DAC ME- Float 4902383-49



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 : 6480

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

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

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 : 618

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

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

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

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 : 2537

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

6901069 - Existing nc files

File : 6901069_Rtraj.nc - 6901069_meta.nc -

6901388 - Existing nc files

File : 6901388_meta.nc - 6901388_tech.nc

6901438 - Existing nc files

File : 6901438_Rtraj.nc - 6901438_meta.nc -

6901469 - Existing nc files

File : 6901469_Rtraj.nc - 6901469_meta.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 : 357

2901498 - Existing nc files
File : 2901498_Rtraj.nc - 2901498_meta.nc - 2901498_tech.nc

2901505 - Existing nc files
File : 2901505_Rtraj.nc - 2901505_meta.nc - 2901505_tech.nc

2902670 - Existing nc files
File : 2902670_Rtraj.nc - 2902670_meta.nc - 2902670_prof.nc -

2902671 - Existing nc files
File : 2902671_Rtraj.nc - 2902671_meta.nc - 2902671_prof.nc -

2902672 - Existing nc files
File : 2902672_meta.nc - 2902672_prof.nc -

2902673 - Existing nc files
File : 2902673_Rtraj.nc - 2902673_meta.nc - 2902673_prof.nc -

2902674 - Existing nc files
File : 2902674_Rtraj.nc - 2902674_meta.nc - 2902674_prof.nc -

2902677 - Existing nc files
File : 2902677_Rtraj.nc - 2902677_meta.nc - 2902677_prof.nc -

2902679 - Existing nc files
File : 2902679_Rtraj.nc - 2902679_meta.nc - 2902679_prof.nc -

2902691 - Existing nc files
File : 2902691_Rtraj.nc - 2902691_meta.nc - 2902691_prof.nc

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 : 795

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 -

2900763 - Existing nc files

File : 2900763_Rtraj.nc - 2900763_meta.nc -

2900772 - Existing nc files

File : 2900772_Rtraj.nc - 2900772_meta.nc -

2900775 - Existing nc files

File : 2900775_Rtraj.nc - 2900775_meta.nc -

2902126 - Existing nc files

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

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 : 1543

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 -

5905060 - Existing nc files
File : 5905060_meta.nc - 5905060_prof.nc -

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

5904937 - Existing nc files
File : 5904937_meta.nc - 5904937_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 -

File : 2901705_Rtraj.nc - 2901705_meta.nc - 2901705_tech.nc

2901705 - Existing nc files

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 : 463

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 2901094 cycle 130 (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 =

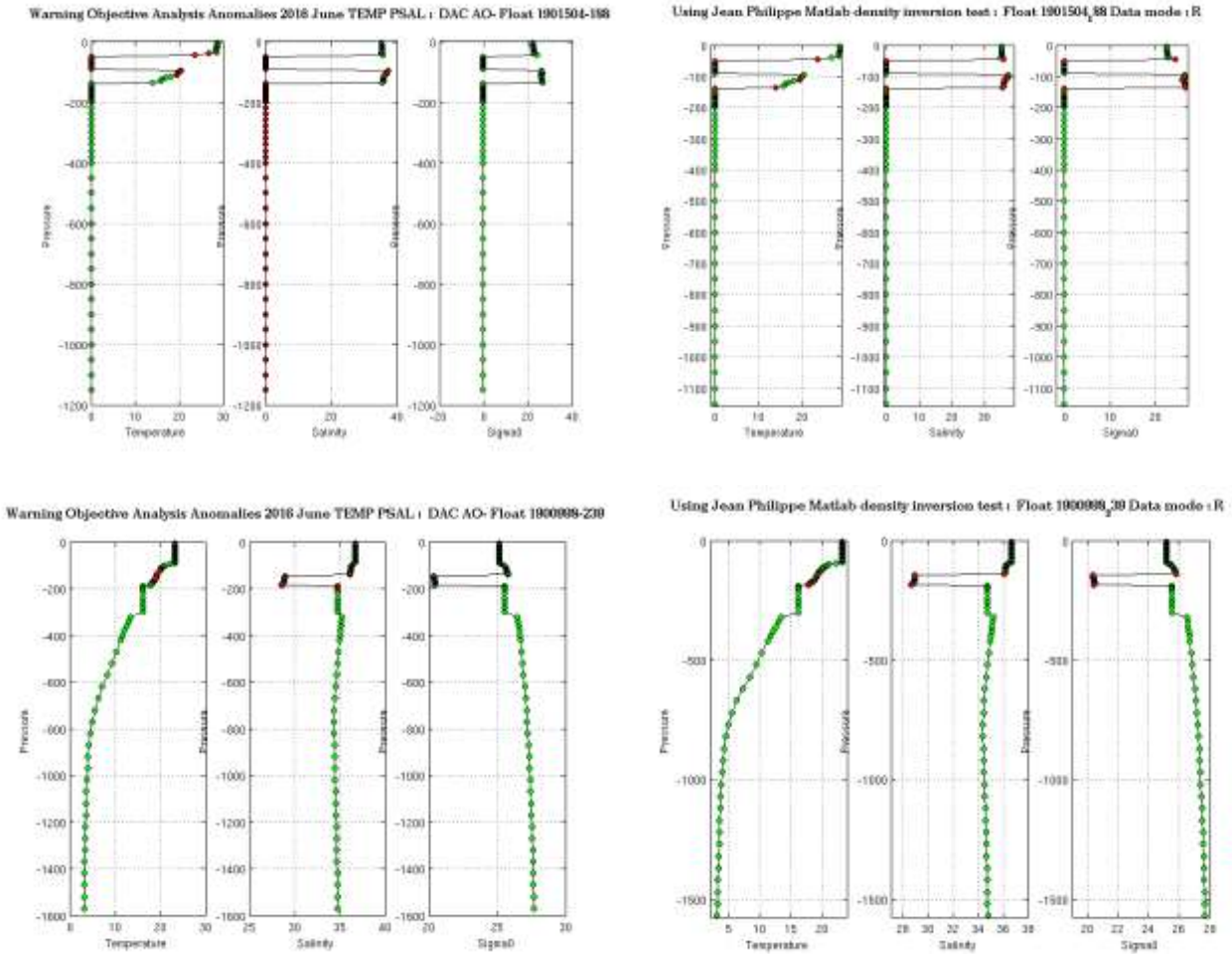
0.000, 0.000, 0.000, 0.000, 0.000, 0.000,

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	

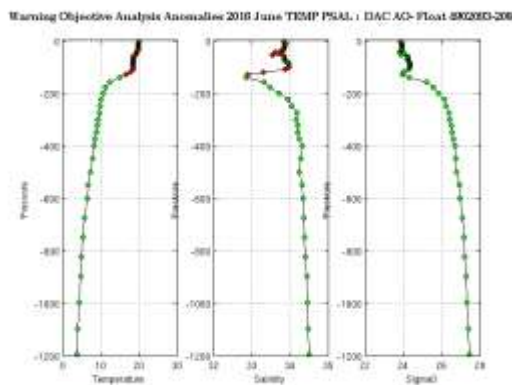
13. Automatic Tests (June's version)

- 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.

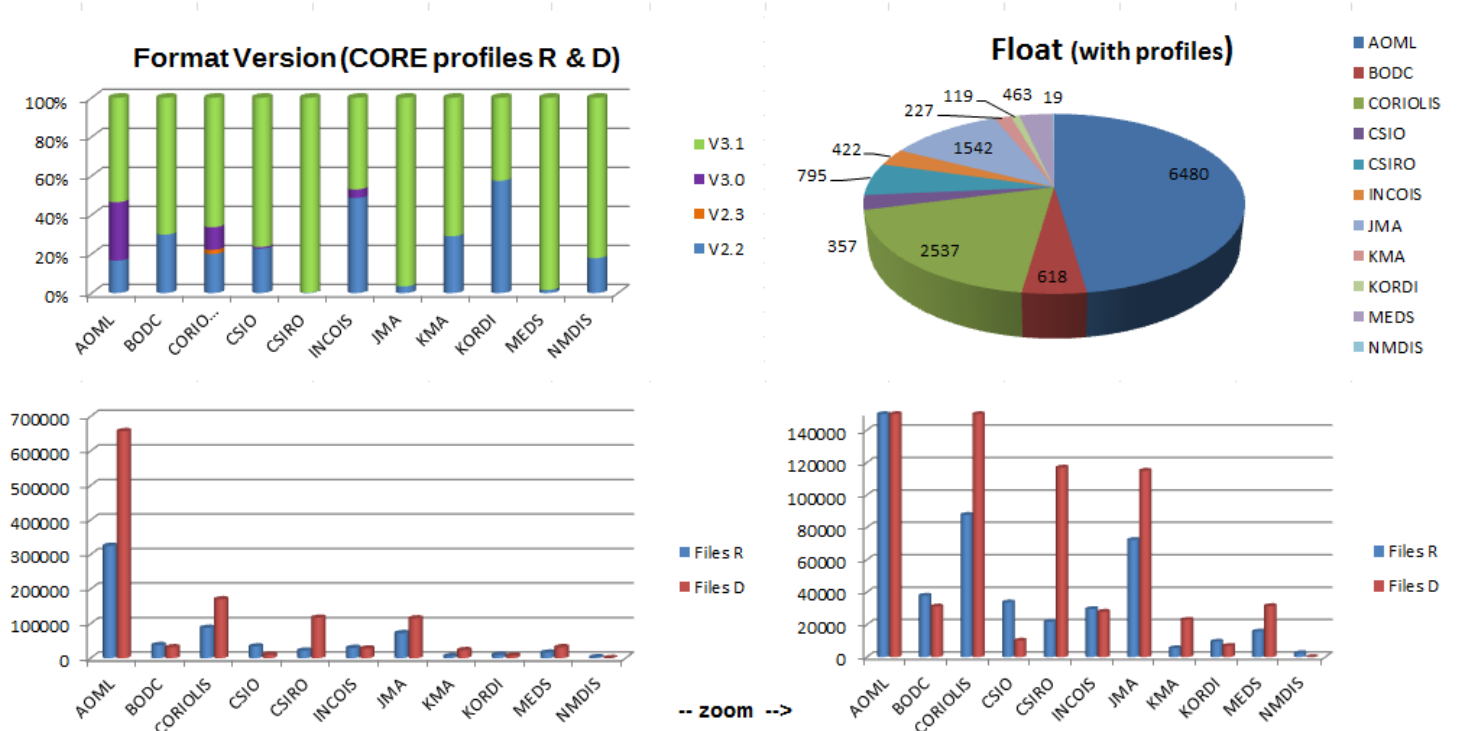
- Strange profiles going through all the automatic tests :



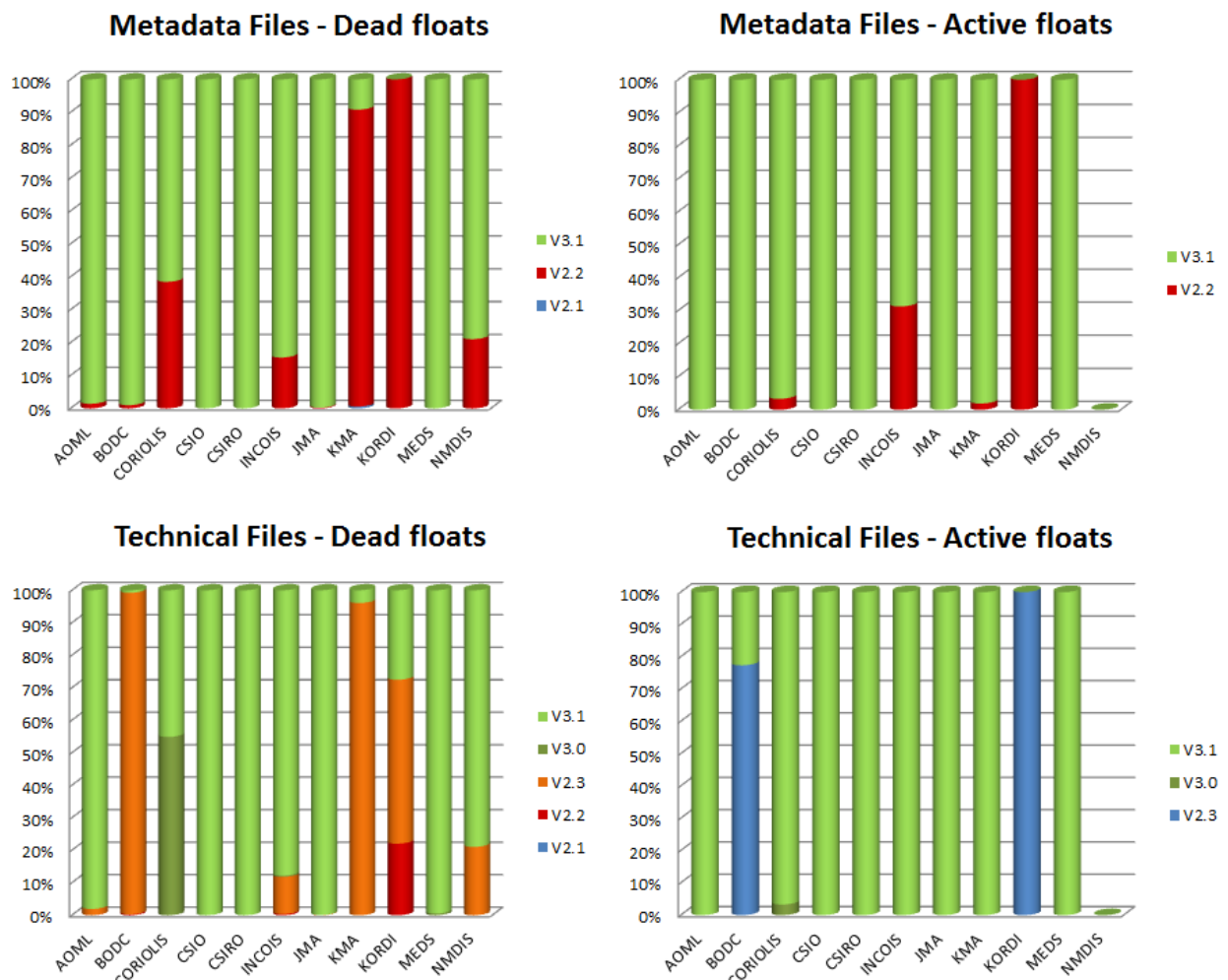
Some profiles have temperature measurements with the zero values which are not good but they did not fail with any test.

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

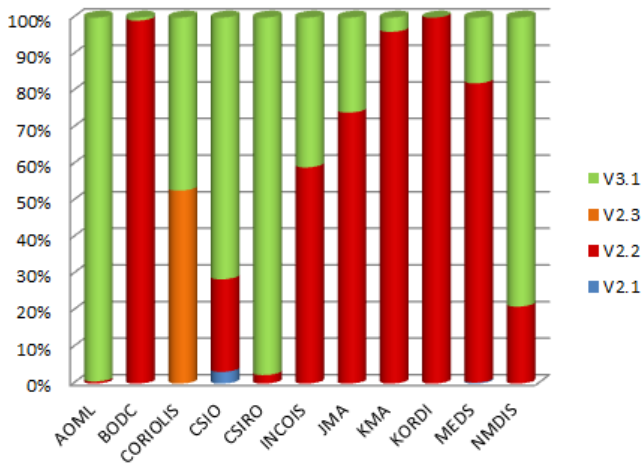
Plots showing format_version percentage, number of floats (with profiles), number of D and R files by DACs.



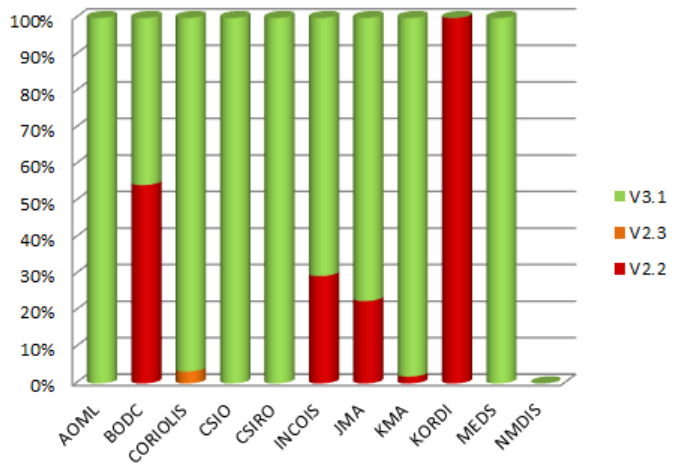
Plots showing format_version percentage, for metadata-technical-trajectory and core profiles following dead or active floats.



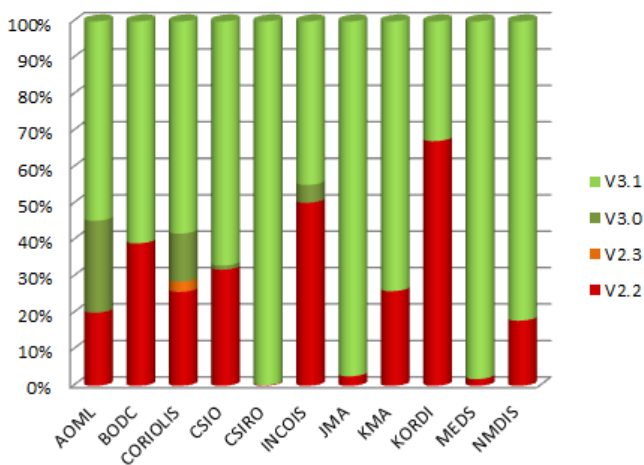
Trajectory Files - Dead floats



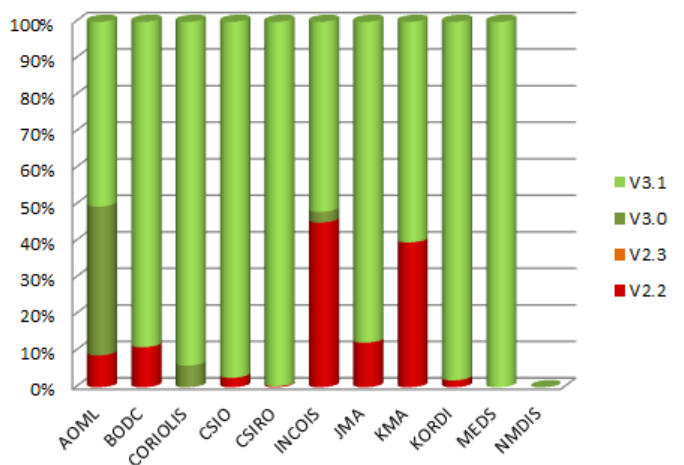
Trajectory Files - Active floats



Profile files - Dead floats

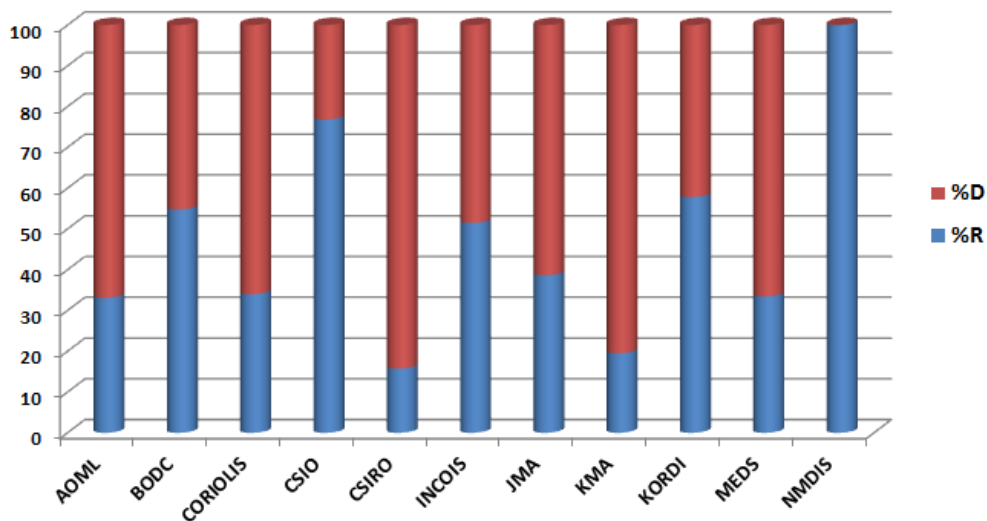


Profile Files - Active floats



Delayed mode percentage by DAC

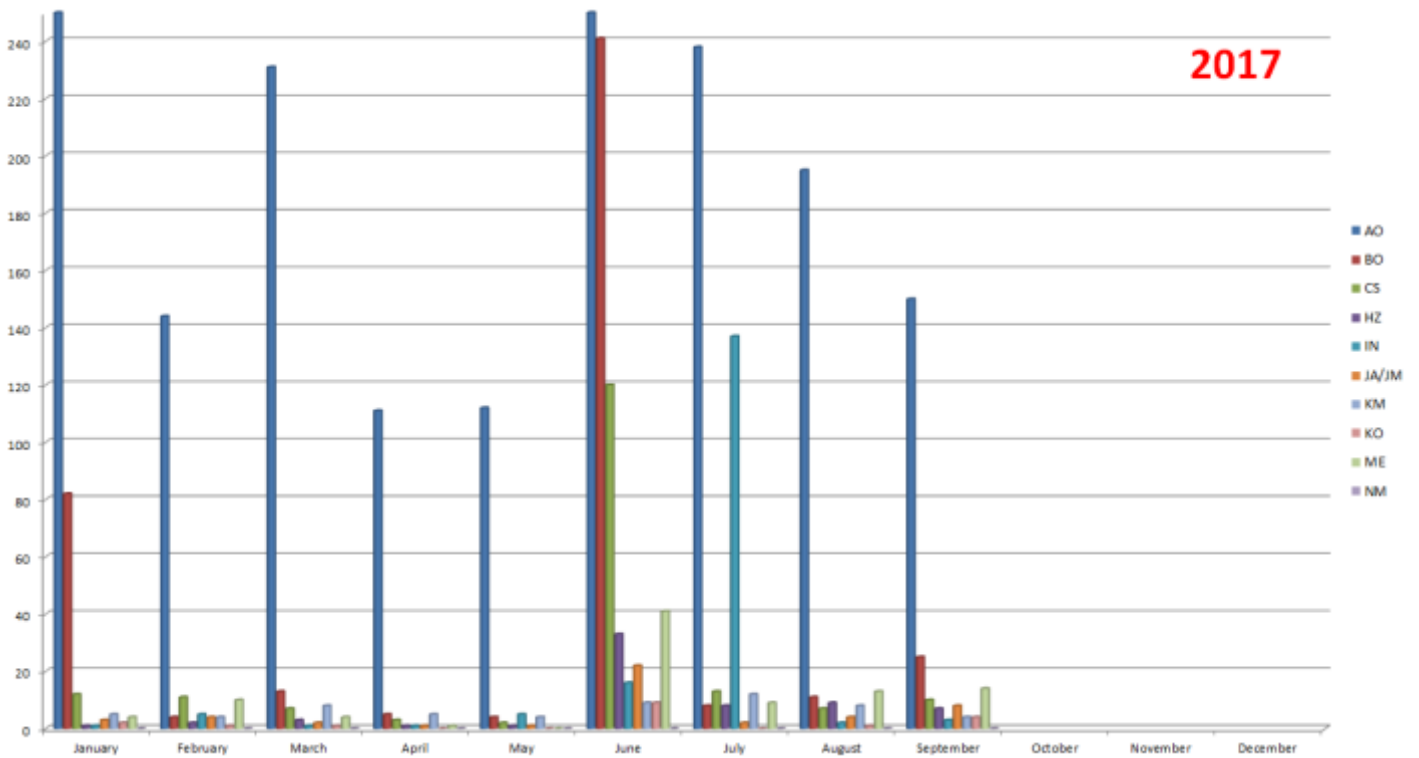
Percentage of DM and RT files by DAC



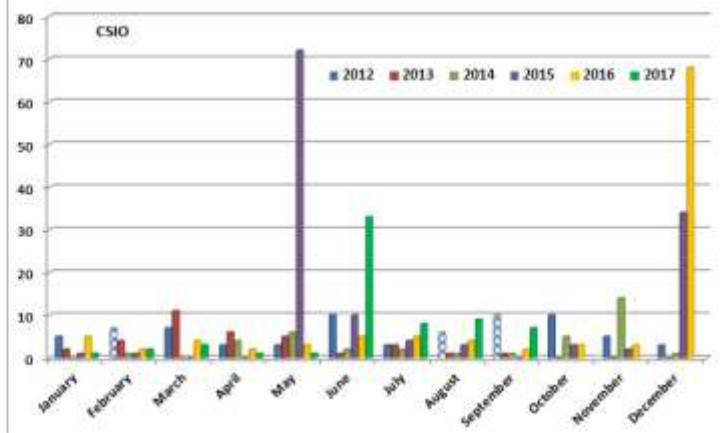
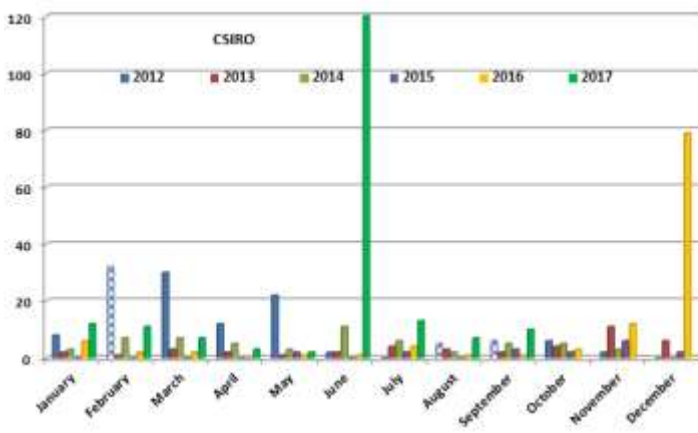
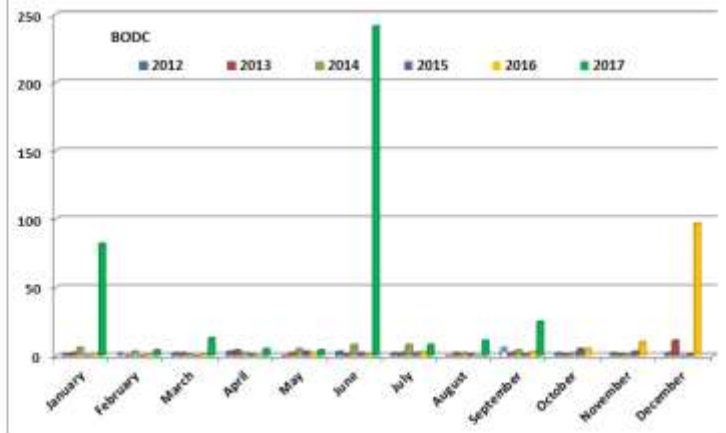
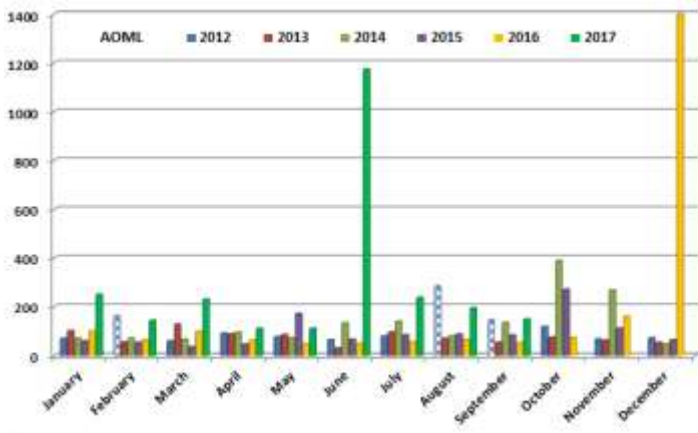
15. Statistics on anomalies

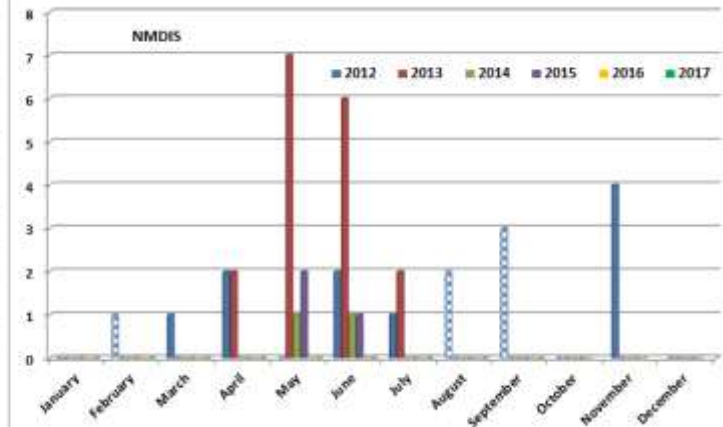
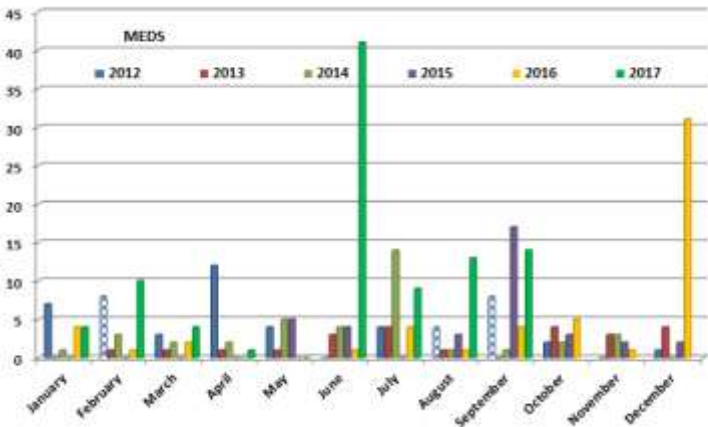
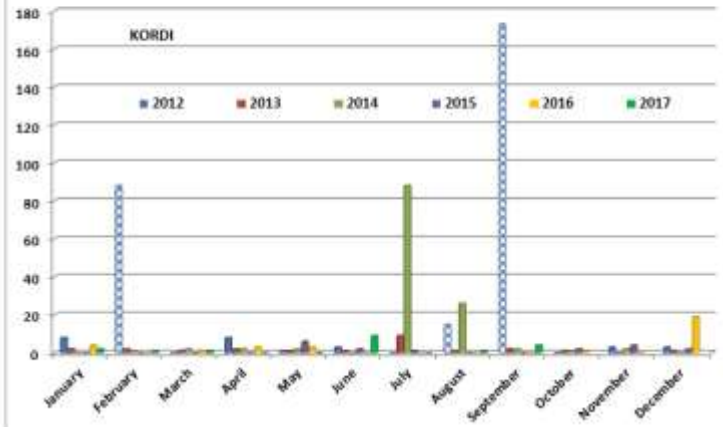
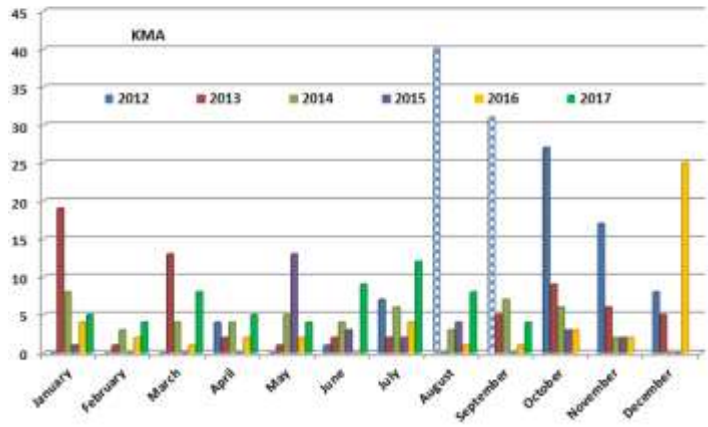
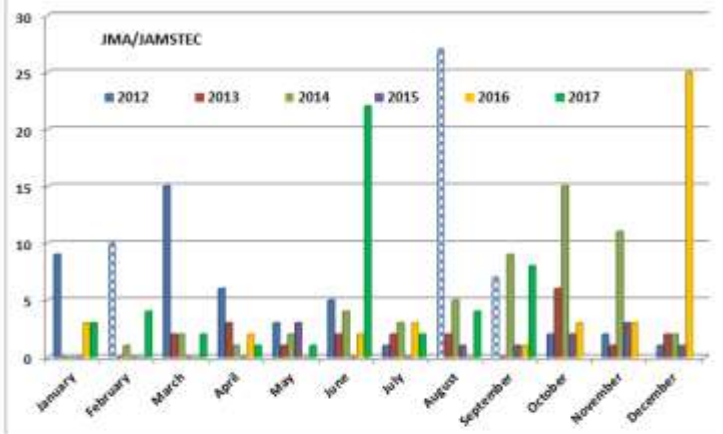
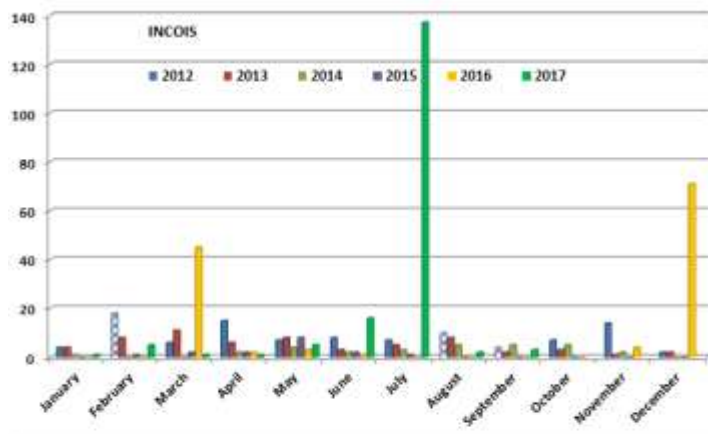
Plots showing evolution of number of anomalies by DAC.

15.1. Year



15.2. DAC





15.3. Anomalies by year, by month

