



Anomalies on Argo profiles

From warning objective analysis, netcdf file analysis

Format version

June 2018

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NOTES

NOVEMBER 2017

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

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

AO,3901276,8,26/10/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=54124442 ,PSAL,,96,.96,1,4,Primary sampling
AO,5904770,104,26/10/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=54124471 ,PSAL,6.15,1997.6,1,3,n/a

DECEMBER 2017

§ A bug has been found in the message for the pressure, when a QC is changed this is the index and not the real value that is recorded in the message for START and STOP Immersion. The correction will be applied very soon.

§ New information in chapter 13 Automatic tests : it seems that for the near-surface data, the automatic tests are not taken into account as described in the Argo Quality Control Manual for CTD and Trajectory Data (see §2.5 test 21 & test 22). Strange profiles are also observed and it seems that the cutting between profile and trajectory data is not well applied.

January 2018

During few days in January, no information was available in the message regarding the parameters and QC then the message was like :

BO,3901951,11,08/01/2018 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=54612977 ,,,,,, Primary sampling

The problem has been resolved rapidly.

May 2018

A little bit more anomalies due to analysis of blacklist sent by CLS.

Anomalies by DAC

Summary

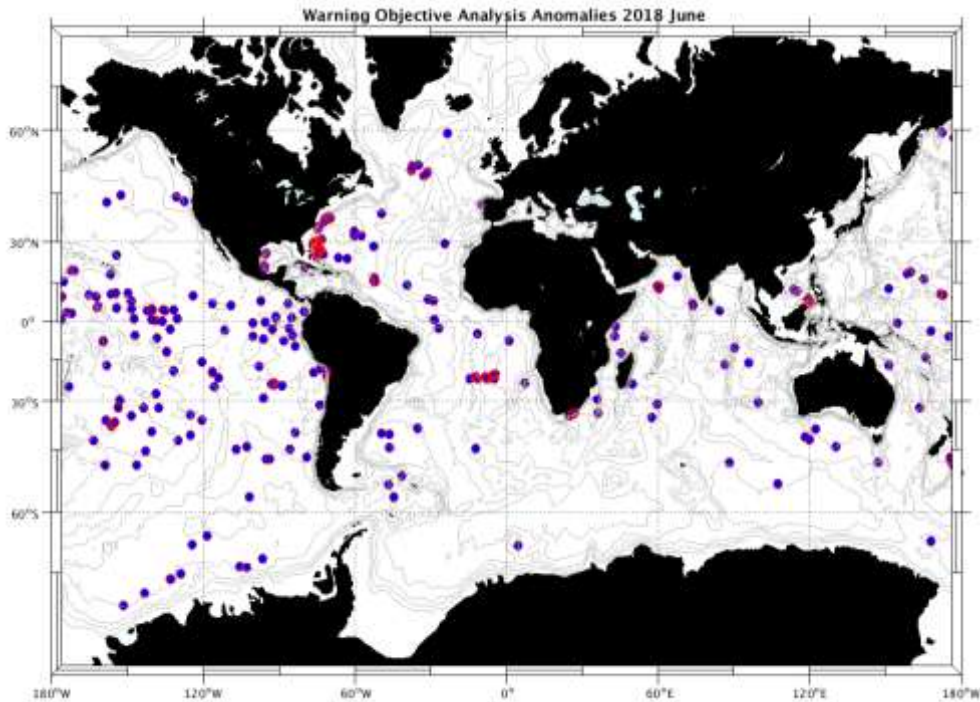
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1. DAC AOML

Profiles detected by the objective analysis: 287 profiles (230 floats, but floats can have several cycles with anomalies)

| Data_mode ='R' | Data_mode ='A' | Data_mode ='D' |
|----------------|----------------|----------------|
| 119 cycles | 143 cycles | 25 cycles |

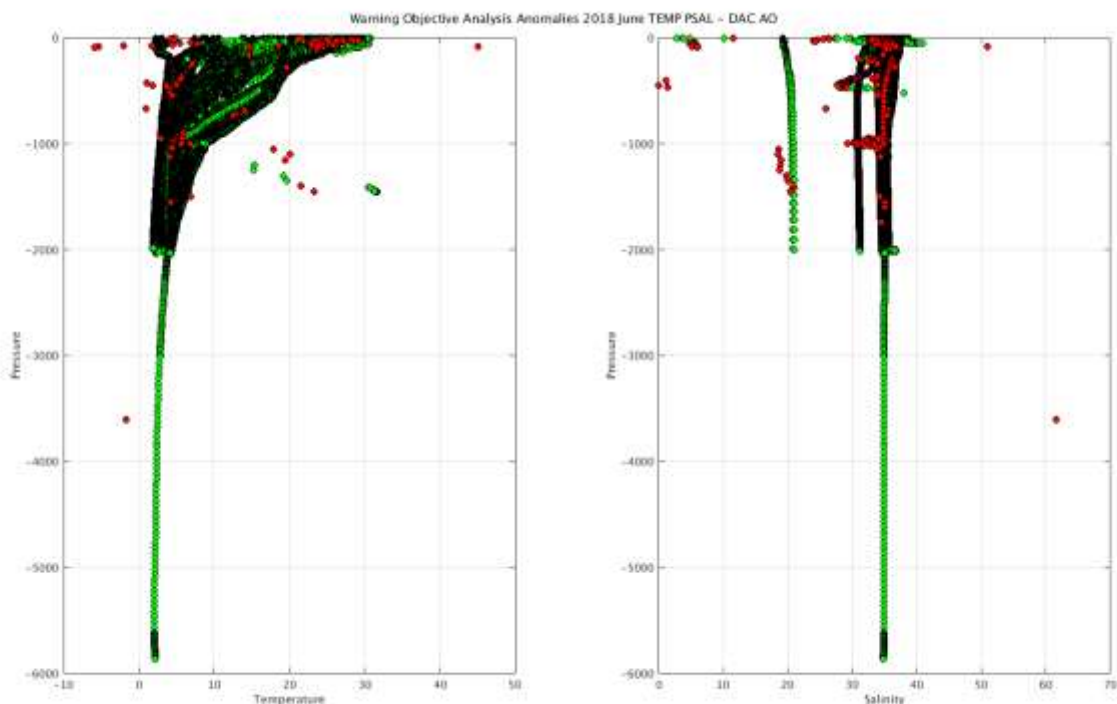


Status of corrections: Done for few profiles – still bad QC no corrected

(for details of multiprofile, see details of vertical sampling scheme in message following TS plot)

- Float : 1901375 - Cycle : 292 - PI : STEPHEN RISER - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 4331 - Date : 2017 5 8
- Float : 1901501 - Cycle : 217 - PI : BRECK OWENS - Data mode : R - Platform type : SOLO_W - WMO inst type : 851 - FLOAT SERIAL : 0941 - Date : 2017 4 7
- Float : 1901501 - Cycle : 218 - PI : BRECK OWENS - Data mode : R - Platform type : SOLO_W - WMO inst type : 851 - FLOAT SERIAL : 0941 - Date : 2017 4 17
- Float : 1901501 - Cycle : 219 - PI : BRECK OWENS - Data mode : R - Platform type : SOLO_W - WMO inst type : 851 - FLOAT SERIAL : 0941 - Date : 2017 4 27
- Float : 1901501 - Cycle : 223 - PI : BRECK OWENS - Data mode : R - Platform type : SOLO_W - WMO inst type : 851 - FLOAT SERIAL : 0941 - Date : 2017 6 6
- Float : 1901513 - Cycle : 219 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 4368 - Date : 2017 3 21
- Float : 1901604 - Cycle : 199 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 5316 - Date : 2017 12 30
- Float : 1901606 - Cycle : 183 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 5318 - Date : 2017 7 5
- Float : 1901607 - Cycle : 180 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 5319 - Date : 2017 6 4
- Float : 1901616 - Cycle : 165 - PI : BRECK OWENS - Data mode : D - Platform type : S2A - WMO inst type : 854 - FLOAT SERIAL : 7055 - Date : 2017 3 15
- Float : 1901642 - Cycle : 165 - PI : BRECK OWENS - Data mode : D - Platform type : S2A - WMO inst type : 854 - FLOAT SERIAL : 7068 - Date : 2017 5 20
- Float : 1901721 - Cycle : 106 - PI : BRECK OWENS, STEVEN JAYNE, P.E. ROBBINS - Data mode : R - Platform type : S2A - WMO inst type : 854 - FLOAT SERIAL : 7237 - Date : 2017 4 18
- Float : 1901726 - Cycle : 95 - PI : BRECK OWENS, STEVEN JAYNE, P.E. ROBBINS - Data mode : R - Platform type : S2A - WMO inst type : 854 - FLOAT SERIAL : 7024 - Date : 2017 8 2
- Float : 1901805 - Cycle : 26 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : NAVIS_A - WMO inst type : 863 - FLOAT SERIAL : 0680 - Date : 2017 8 3
- Float : 1901806 - Cycle : 63 - PI : BRECK OWENS, STEVEN JAYNE, P.E. ROBBINS - Data mode : R - Platform type : S2A - WMO inst type : 854 - FLOAT SERIAL : 7314 - Date : 2017 4 22
- Float : 1901812 - Cycle : 85 - PI : BRECK OWENS, STEVEN JAYNE, P.E. ROBBINS - Data mode : R - Platform type : S2A - WMO inst type : 854 - FLOAT SERIAL : 7325 - Date : 2018 6 1
- Float : 1901819 - Cycle : 35 - PI : BRECK OWENS, STEVEN JAYNE, P.E. ROBBINS - Data mode : R - Platform type : S2A - WMO inst type : 854 - FLOAT SERIAL : 7355 - Date : 2017 4 30
- Float : 1902032 - Cycle : 59 - PI : DEAN ROEMMICH - Data mode : R - Platform type : SOLO_II - WMO inst type : 853 - FLOAT SERIAL : 8500 - Date : 2018 6 8
- 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 : 17 - PI : BRECK OWENS, STEVEN JAYNE, P.E. ROBBINS - Data mode : R - Platform type : S2A - WMO inst type : 854 - FLOAT SERIAL : 7402 - Date : 2017 5 21
- Float : 1902181 - Cycle : 22 - PI : BRECK OWENS, STEVEN JAYNE, P.E. ROBBINS - Data mode : R - Platform type : S2A - WMO inst type : 854 - FLOAT SERIAL : 7449 - Date : 2018 5 18
- Float : 1902181 - Cycle : 7 - PI : BRECK OWENS, STEVEN JAYNE, P.E. ROBBINS - Data mode : R - Platform type : S2A - WMO inst type : 854 - FLOAT SERIAL : 7449 - Date : 2017 12 20
- Float : 1902215 - Cycle : 2 - PI : BRECK OWENS, STEVEN JAYNE, P.E. ROBBINS - Data mode : R - Platform type : S2A - WMO inst type : 854 - FLOAT SERIAL : 7454 - Date : 2018 6 7
- Float : 1902215 - Cycle : 3 - PI : BRECK OWENS, STEVEN JAYNE, P.E. ROBBINS - Data mode : R - Platform type : S2A - WMO inst type : 854 - FLOAT SERIAL : 7454 - Date : 2018 6 8

Float : 5905306 - Cycle : 14 - PI : CARL SZCZECZOWSKI - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 6741 - Date : 2017 12 19
 Float : 5905306 - Cycle : 15 - PI : CARL SZCZECZOWSKI - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 6741 - Date : 2017 12 23
 Float : 5905306 - Cycle : 16 - PI : CARL SZCZECZOWSKI - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 6741 - Date : 2017 12 27
 Float : 5905306 - Cycle : 17 - PI : CARL SZCZECZOWSKI - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 6741 - Date : 2017 12 31
 Float : 5905307 - Cycle : 15 - PI : CARL SZCZECZOWSKI - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7323 - Date : 2017 12 19
 Float : 5905307 - Cycle : 16 - PI : CARL SZCZECZOWSKI - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7323 - Date : 2017 12 22
 Float : 5905307 - Cycle : 17 - PI : CARL SZCZECZOWSKI - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7323 - Date : 2017 12 26
 Float : 5905307 - Cycle : 18 - PI : CARL SZCZECZOWSKI - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7323 - Date : 2017 12 30
 Float : 5905320 - Cycle : 22 - PI : STEPHEN RISER - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7864 - Date : 2018 5 29
 Float : 5905350 - Cycle : 24 - PI : STEPHEN RISER - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7868 - Date : 2018 6 10
 Float : 7900116 - Cycle : 128 - PI : DEAN ROEMMICH - Data mode : R - Platform type : SOLO_II - WMO inst type : 853 - FLOAT SERIAL : 8311 - Date : 2018 6 5
 Float : 7900201 - Cycle : 85 - PI : DEAN ROEMMICH - Data mode : D - Platform type : SOLO_II - WMO inst type : 853 - FLOAT SERIAL : 8315 - Date : 2017 4 2
 Float : 7900211 - Cycle : 122 - PI : DEAN ROEMMICH - Data mode : A - Platform type : SOLO_II - WMO inst type : 853 - FLOAT SERIAL : 8329 - Date : 2018 5 31
 Float : 7900216 - Cycle : 115 - PI : DEAN ROEMMICH - Data mode : R - Platform type : SOLO_II - WMO inst type : 853 - FLOAT SERIAL : 8354 - Date : 2018 6 3
 Float : 7900675 - Cycle : 80 - PI : DEAN ROEMMICH - Data mode : R - Platform type : SOLO_II - WMO inst type : 853 - FLOAT SERIAL : 8464 - Date : 2018 6 12



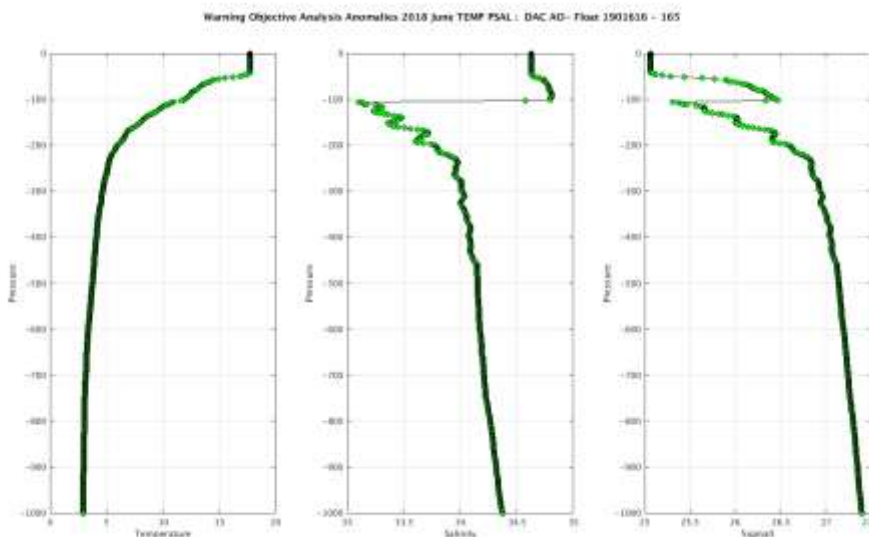
DAC_CODE,PLATFORM_CODE,CV_NUMBER,DATE_UPDATE,DIRECTION,WEB_URL,PARAMETER,START_IMMERSION,STOP_IMMERSION,OLD_QC,NEW_QC,VERTICAL_SAMPLING_SCHEME

AO,1901375,292,09/05/2017 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=52451325> ,PSAL_ADJUSTED,130.5,299.9,1,3,Primary sampling
 AO,1901501,217,18/05/2018 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=52229334> ,PSAL,2,2,1,4,Primary sampling
 AO,1901501,218,18/05/2018 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=52288000> ,PSAL,2,2,1,4,Primary sampling
 AO,1901501,219,18/05/2018 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=52376054> ,PSAL,2,2,1,4,Primary sampling
 AO,1901501,223,18/05/2018 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=52756476> ,PSAL,2,2,1,4,Primary sampling
 AO,1901513,219,22/03/2017 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=52073342> ,PSAL,601.1,992.1,3,Primary sampling
 AO,1901604,199,31/12/2017 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=54569103> ,PSAL,1212.3,1212.3,1,3,Primary sampling
 AO,1901604,199,31/12/2017 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=54569103> ,PSAL,231.9,231.9,1,3,Primary sampling
 AO,1901604,199,31/12/2017 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=54569103> ,TEMP,1212.3,1212.3,1,3,Primary sampling
 AO,1901604,199,31/12/2017 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=54569103> ,TEMP,231.9,231.9,1,3,Primary sampling
 AO,1901606,183,05/07/2017 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=53002422> ,PSAL,698.9,735.1,3,Primary sampling
 AO,1901607,180,04/06/2017 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=52734111> ,PSAL,665.6,665.6,1,4,Primary sampling
 AO,1901607,180,04/06/2017 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=52734111> ,PSAL,812.4,812.4,1,4,Primary sampling
 AO,1901607,180,04/06/2017 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=52734111> ,PSAL_ADJUSTED,665.6,665.6,1,4,Primary sampling
 AO,1901607,180,04/06/2017 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=52734111> ,PSAL_ADJUSTED,812.4,812.4,1,4,Primary sampling
 AO,1901616,165,10/03/2018 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=51999763> ,PSAL,100,100,1,4,Primary sampling
 AO,1901616,165,10/03/2018 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=51999763> ,PSAL,107.96,457.96,1,4,Primary sampling
 AO,1901642,165,10/03/2018 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=52553944> ,PSAL,144,476,4,4,Primary sampling
 AO,1901721,106,09/04/2018 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=52290932> ,PSAL,1.12,5,1,4,Primary sampling
 AO,1901726,95,09/03/2018 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=53309942> ,PSAL,1.04,394,1,4,Primary sampling
 AO,1901805,26,04/08/2017 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=53326044> ,PSAL,112,112,1,4,Primary sampling
 AO,1901805,26,04/08/2017 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=53326044> ,PSAL,36,66,1,4,Primary sampling
 AO,1901805,26,04/08/2017 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=53326044> ,PSAL,72,72,1,4,Primary sampling
 AO,1901805,26,04/08/2017 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=53326044> ,PSAL,74,110,1,4,Primary sampling
 AO,1901805,26,04/08/2017 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=53326044> ,PSAL_ADJUSTED,36,66,1,4,Primary sampling
 AO,1901805,26,04/08/2017 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=53326044> ,PSAL_ADJUSTED,72,114,1,4,Primary sampling
 AO,1901806,63,09/04/2018 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=52331151> ,PSAL,1.12,2.92,1,4,Primary sampling
 AO,1901812,85,02/06/2018 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=59410403> ,PSAL,1.08,27.88,1,4,Primary sampling
 AO,1901812,85,02/06/2018 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=59410403> ,PSAL,219.92,219.92,1,4,Primary sampling

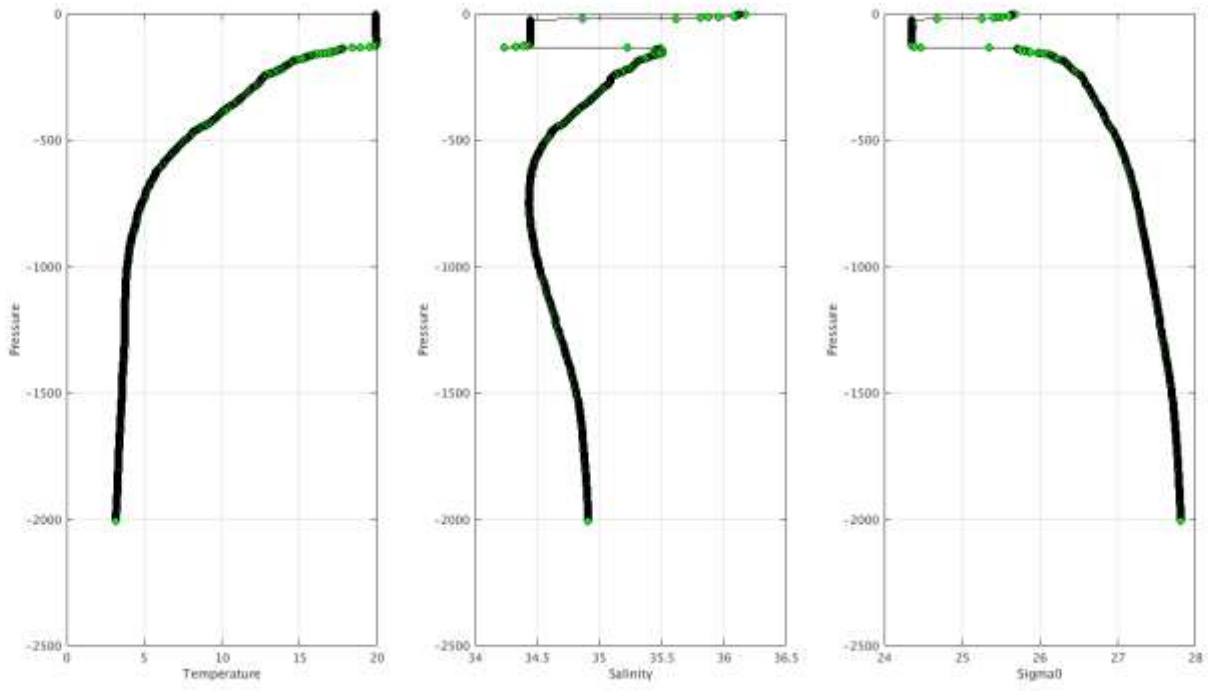
AO,5905307,18,30/12/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=54568924 ,PSAL,4,1097.77,1,3,Primary sampling
 AO,5905320,22,30/05/2018 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=59388551 ,PSAL,756,764,1,4,Primary sampling
 AO,5905320,22,30/05/2018 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=59388551 ,PSAL_ADJUSTED,756,764,1,4,Primary sampling
 AO,5905350,24,11/06/2018 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=59503234 ,PSAL,979.1,979.1,1,4,Primary sampling
 AO,5905350,24,11/06/2018 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=59503234 ,PSAL_ADJUSTED,979.1,979.1,1,4,Primary sampling
 AO,7900116,128,05/06/2018 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=59453636 ,PSAL,135.96,142,1,4,Primary sampling
 AO,7900116,128,05/06/2018 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=59453636 ,PSAL,149.96,151.96,1,4,Primary sampling
 AO,7900116,128,05/06/2018 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=59453636 ,PSAL,160.04,164,1,4,Primary sampling
 AO,7900116,128,05/06/2018 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=59453636 ,PSAL,172,174,1,4,Primary sampling
 AO,7900116,128,05/06/2018 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=59453636 ,PSAL,241.96,249.96,1,4,Primary sampling
 AO,7900116,128,05/06/2018 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=59453636 ,PSAL,266,283.96,1,4,Primary sampling
 AO,7900116,128,05/06/2018 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=59453636 ,PSAL,296,311.96,1,4,Primary sampling
 AO,7900116,128,05/06/2018 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=59453636 ,PSAL,318,322,1,4,Primary sampling
 AO,7900116,128,05/06/2018 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=59453636 ,PSAL,352,362,1,4,Primary sampling
 AO,7900116,128,05/06/2018 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=59453636 ,PSAL,368,380,1,4,Primary sampling
 AO,7900116,128,05/06/2018 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=59453636 ,PSAL,442,446.04,1,4,Primary sampling
 AO,7900116,128,05/06/2018 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=59453636 ,PSAL,484,484,1,4,Primary sampling
 AO,7900116,128,05/06/2018 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=59453636 ,PSAL,600.04,602,1,4,Primary sampling
 AO,7900116,128,05/06/2018 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=59453636 ,PSAL,94.04,102.04,1,4,Primary sampling
 AO,7900201,85,27/03/2018 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=52157207 ,PSAL_ADJUSTED,1.2,548.04,1,3,Primary sampling
 AO,7900211,122,31/05/2018 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=59391731 ,PSAL,1972,1974,1,4,Primary sampling
 AO,7900211,122,31/05/2018 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=59391731 ,PSAL,252,252,1,4,Primary sampling
 AO,7900211,122,31/05/2018 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=59391731 ,PSAL,274,276.04,1,4,Primary sampling
 AO,7900211,122,31/05/2018 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=59391731 ,PSAL_ADJUSTED,1972,1974,1,4,Primary sampling
 AO,7900211,122,31/05/2018 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=59391731 ,PSAL_ADJUSTED,252,252,1,4,Primary sampling
 AO,7900211,122,31/05/2018 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=59391731 ,PSAL_ADJUSTED,274,276.04,1,4,Primary sampling
 AO,7900216,115,03/06/2018 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=59425526 ,PSAL,229.96,229.96,1,4,Primary sampling
 AO,7900216,115,13/06/2018 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=59425526 ,PSAL,227.96,232.04,1,4,Primary sampling
 AO,7900675,80,13/06/2018 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=59529831 ,PSAL,.76,.76,1,3,Near-surface sampling

APEX to put on the grey list:

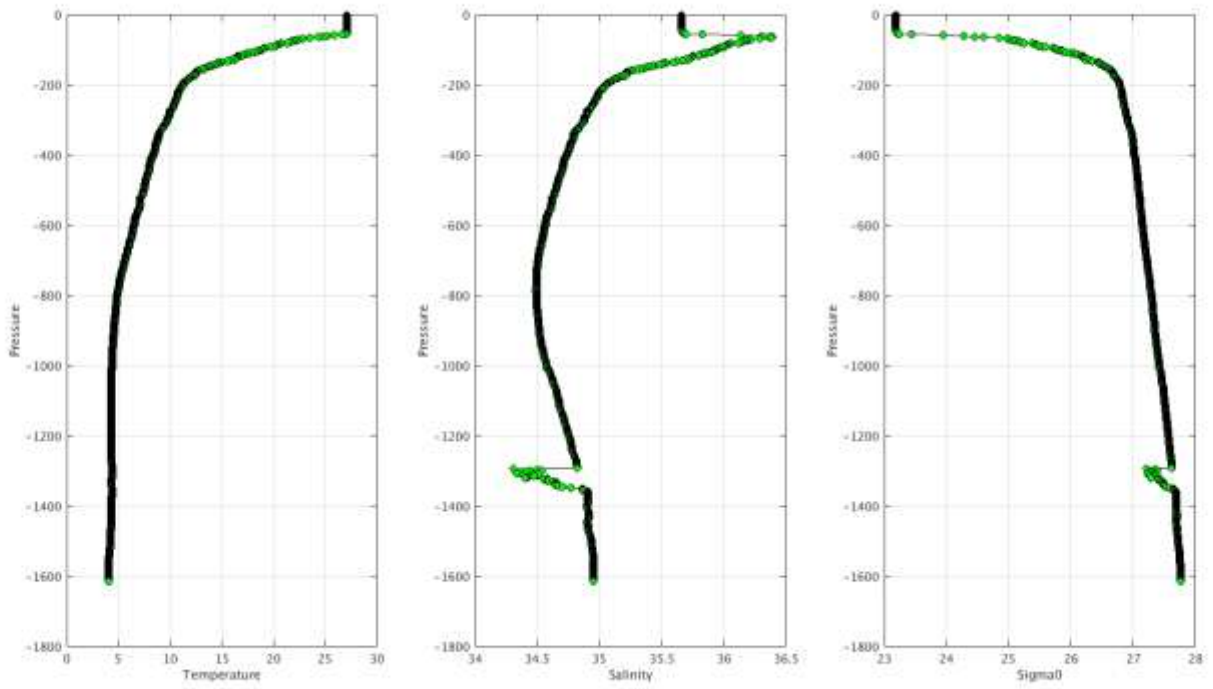
Example of corrections:



Warning Objective Analysis Anomalies 2018 June TEMP PSAL : DAC AO- Float 3901064 - 79



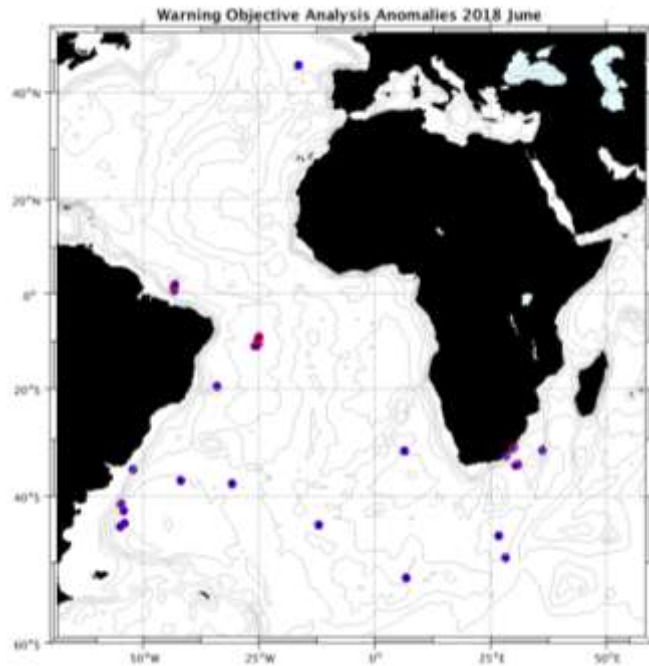
Warning Objective Analysis Anomalies 2018 June TEMP PSAL : DAC AO- Float 3901822 - 2



2. DAC BODC

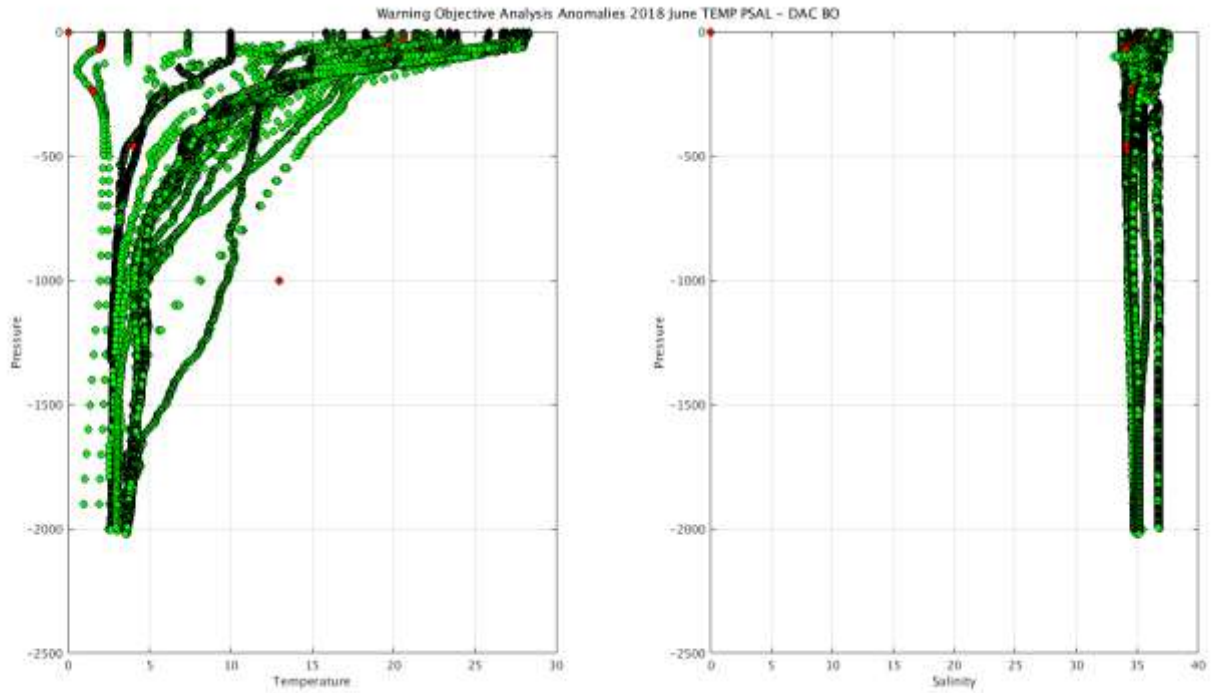
Profiles detected by the objective analysis: 31 profiles (18 floats – float can have several cycles with anomalies)

| Data_mode ='R' | Data_mode ='A' | Data_mode ='D' |
|----------------|----------------|----------------|
| 19 cycles | 12 cycles | 0 cycle |



Status of corrections: Correction not yet done, no feedback.

Float : 1901276 - Cycle : 200 - PI : Jon Turton - Data mode : A - INST REF : APEX-SBE 4900 - Date : 2017 5 12
 Float : 1901278 - Cycle : 195 - PI : Jon Turton - Data mode : A - INST REF : APEX-SBE 4902 - Date : 2017 3 26
 Float : 1901295 - Cycle : 163 - PI : Jon Turton - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 5552 - Date : 2017 4 20
 Float : 1901297 - Cycle : 163 - PI : Jon Turton - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 6251 - Date : 2017 4 19
 Float : 1901300 - Cycle : 175 - PI : Jon Turton - Data mode : A - INST REF : APEX-SBE 5590 - Date : 2017 12 25
 Float : 1901300 - Cycle : 191 - PI : Jon Turton - Data mode : A - INST REF : APEX-SBE 5590 - Date : 2018 6 3
 Float : 1901300 - Cycle : 193 - PI : Jon Turton - Data mode : A - INST REF : APEX-SBE 5590 - Date : 2018 6 23
 Float : 1901305 - Cycle : 174 - PI : Jon Turton - Data mode : A - INST REF : APEX-SBE 6242 - Date : 2017 12 19
 Float : 3900559 - Cycle : 125 - PI : Jon Turton - Data mode : A - Platform type : NAVIS_A - WMO inst type : 863 - FLOAT SERIAL : 0252 - Date : 2017 3 18
 Float : 3900559 - Cycle : 126 - PI : Jon Turton - Data mode : A - Platform type : NAVIS_A - WMO inst type : 863 - FLOAT SERIAL : 0252 - Date : 2017 3 28
 Float : 3900559 - Cycle : 127 - PI : Jon Turton - Data mode : A - Platform type : NAVIS_A - WMO inst type : 863 - FLOAT SERIAL : 0252 - Date : 2017 4 7
 Float : 3901500 - Cycle : 94 - PI : Jon Turton - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 6999 - Date : 2017 5 8
 Float : 3901881 - Cycle : 15 - PI : Andreas Sterl - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : AI2600-16FR044 - Date : 2017 6 13
 Float : 3901889 - Cycle : 4 - PI : Andreas Sterl - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : AI2600-16FR052 - Date : 2017 5 8
 Float : 3901891 - Cycle : 10 - PI : Josep Llu s Pelegr - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : AI2600-16FR054 - Date : 2017 4 24
 Float : 3901893 - Cycle : 28 - PI : Josep Llu s Pelegr - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : AI2600-16FR056 - Date : 2017 7 24
 Float : 3901894 - Cycle : 10 - PI : Josep Llu s Pelegr - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : AI2600-16FR057 - Date : 2017 4 25
 Float : 3901894 - Cycle : 27 - PI : Josep Llu s Pelegr - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : AI2600-16FR057 - Date : 2017 7 14
 Float : 3901915 - Cycle : 85 - PI : Romain Cancouet - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : AI2600-16FR078 - Date : 2018 6 16
 Float : 3901917 - Cycle : 6 - PI : Romain Cancouet - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : AI2600-16FR080 - Date : 2017 8 16
 Float : 3901917 - Cycle : 8 - PI : Romain Cancouet - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : AI2600-16FR080 - Date : 2017 8 18
 Float : 3901917 - Cycle : 11 - PI : Romain Cancouet - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : AI2600-16FR080 - Date : 2017 8 21
 Float : 3901943 - Cycle : 2 - PI : Romain Cancouet - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : AI2600-16FR086 - Date : 2017 10 2
 Float : 3901956 - Cycle : 1 - PI : Andy Rees - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : AI2600-16FR099 - Date : 2017 10 17
 Float : 3901956 - Cycle : 22 - PI : Andy Rees - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : AI2600-16FR099 - Date : 2018 5 15
 Float : 3901956 - Cycle : 24 - PI : Andy Rees - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : AI2600-16FR099 - Date : 2018 6 4
 Float : 3901956 - Cycle : 25 - PI : Andy Rees - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : AI2600-16FR099 - Date : 2018 6 14
 Float : 3901956 - Cycle : 26 - PI : Andy Rees - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : AI2600-16FR099 - Date : 2018 6 24
 Float : 3901981 - Cycle : 26 - PI : Josep Llu is Pelegri - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : AI2600-16FR124 - Date : 2018 1
 Float : 3901981 - Cycle : 27 - PI : Josep Llu is Pelegri - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : AI2600-16FR124 - Date : 2018 6 11
 Float : 3901981 - Cycle : 28 - PI : Josep Llu is Pelegri - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : AI2600-16FR124 - Date : 2018 6 21



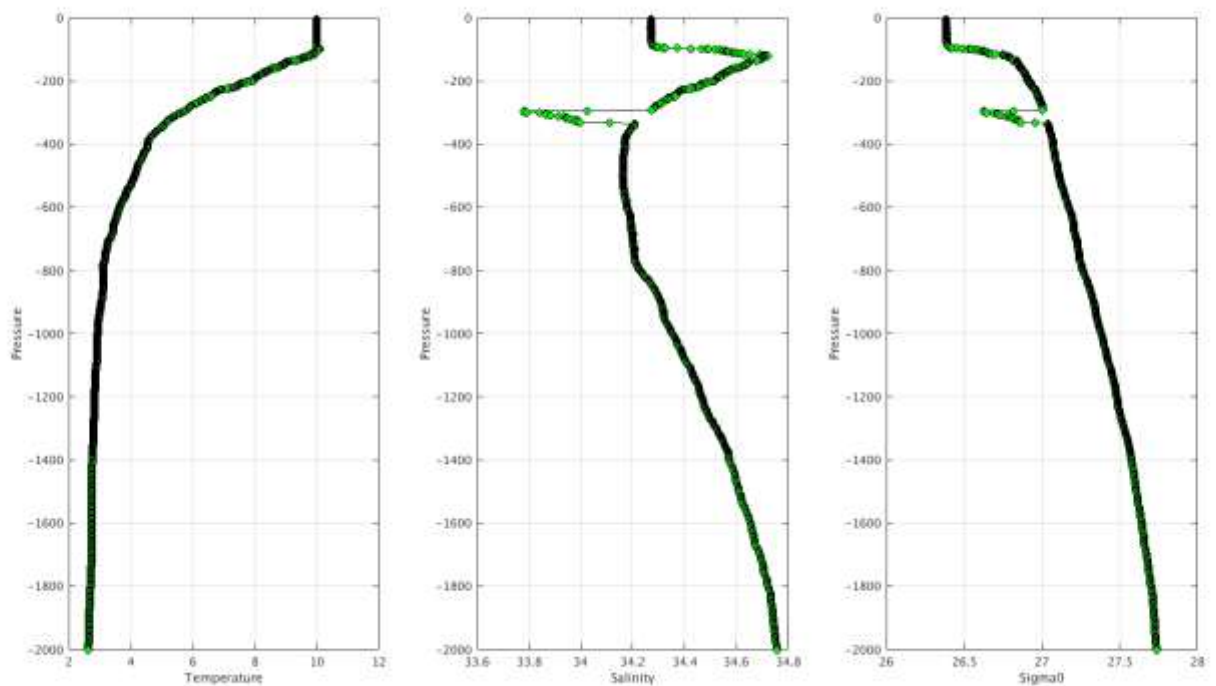
DAC_CODE,PLATFORM_CODE,CV_NUMBER,DATE_UPDATE,DIRECTION,WEB_URL,PARAMETER,START_IMMERSION,STOP_IMMERSION,OLD_QC,NEW_QC,VERTICAL_SAMPLING_SCHEME

BO,1901276,200,06/06/2018 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=52486599> ,PSAL,120.6,120.6,1,4,
BO,1901278,195,26/03/2017 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=52111315> ,PSAL,776.1,776.1,1,4,
BO,1901295,163,21/04/2017 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=52328153> ,PSAL_ADJUSTED,60.7,60.7,1,4,Primary sampling
BO,1901295,163,21/04/2017 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=52328153> ,TEMP_ADJUSTED,60.7,60.7,1,4,Primary sampling
BO,1901297,163,20/04/2017 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=52296128> ,PSAL_ADJUSTED,80.2,130,1,3,Primary sampling
BO,1901300,175,26/12/2017 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=54529592> ,PSAL,20.1,20.1,1,4,
BO,1901300,175,26/12/2017 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=54529592> ,PSAL,39.5,39.5,1,4,
BO,1901300,175,26/12/2017 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=54529592> ,PSAL,55.3,55.3,1,4,
BO,1901300,175,26/12/2017 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=54529592> ,PSAL,75.2,80.3,1,4,
BO,1901300,175,26/12/2017 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=54529592> ,PSAL,89.1,100.7,1,4,
BO,1901300,191,04/06/2018 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=59425441> ,PSAL,2000.6,2000.6,1,3,
BO,1901300,191,04/06/2018 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=59425441> ,PSAL_ADJUSTED,2000.6,2000.6,1,3,
BO,1901300,193,23/06/2018 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=59629108> ,PSAL,159.7,168,1,4,
BO,1901300,193,23/06/2018 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=59629108> ,PSAL,2000.4,2000.4,1,4,
BO,1901300,193,23/06/2018 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=59629108> ,PSAL_ADJUSTED,159.7,168,1,4,
BO,1901300,193,23/06/2018 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=59629108> ,PSAL_ADJUSTED,2000.4,2000.4,1,4,
BO,1901305,174,19/12/2017 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=54481729> ,PSAL,110.5,150.2,1,4,
BO,1901305,174,19/12/2017 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=54481729> ,PSAL,250.1,289.9,1,4,
BO,1901305,174,19/12/2017 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=54481729> ,PSAL,84.2,95.3,1,4,
BO,1901305,174,19/12/2017 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=54481729> ,PSAL,9.9,44.9,1,4,
BO,3900559,125,06/10/2017 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=52054861> ,PSAL_ADJUSTED,0,0,1,4,Primary sampling
BO,3900559,126,06/10/2017 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=52127910> ,PSAL_ADJUSTED,0,0,1,4,Primary sampling
BO,3900559,126,06/10/2017 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=52127910> ,TEMP_ADJUSTED,0,0,1,4,Primary sampling
BO,3900559,127,06/10/2017 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=52229631> ,PSAL_ADJUSTED,0,0,1,4,Primary sampling
BO,3901500,94,06/06/2018 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=52451644> ,PSAL,3.9,3.9,1,4,Primary sampling
BO,3901500,94,06/06/2018 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=52451644> ,PSAL_ADJUSTED,3.9,3.9,1,4,Primary sampling
BO,3901881,15,13/06/2017 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=52822838> ,PSAL,101.8,106.3,1,4,Primary sampling
BO,3901881,15,13/06/2017 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=52822838> ,PSAL,109.5,113.5,1,4,Primary sampling
BO,3901881,15,13/06/2017 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=52822838> ,PSAL,116.5,122.6,1,4,Primary sampling
BO,3901881,15,13/06/2017 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=52822838> ,PSAL,128,128.8,1,4,Primary sampling
BO,3901881,15,13/06/2017 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=52822838> ,PSAL,132.2,218.2,1,4,Primary sampling
BO,3901881,15,13/06/2017 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=52822838> ,PSAL,2.9,50.8,1,4,Primary sampling
BO,3901881,15,13/06/2017 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=52822838> ,PSAL,221.5,237.4,1,4,Primary sampling
BO,3901881,15,13/06/2017 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=52822838> ,PSAL,56.60,7,1,4,Primary sampling
BO,3901881,15,13/06/2017 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=52822838> ,PSAL,65.1,82.1,1,4,Primary sampling
BO,3901881,15,13/06/2017 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=52822838> ,PSAL,85.2,89.7,1,4,Primary sampling
BO,3901881,15,13/06/2017 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=52822838> ,PSAL,93.95,2,1,4,Primary sampling
BO,3901881,15,13/06/2017 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=52822838> ,PSAL,98.5,98.5,1,4,Primary sampling
BO,3901881,15,13/06/2017 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=52822838> ,TEMP,101.8,106.3,1,4,Primary sampling

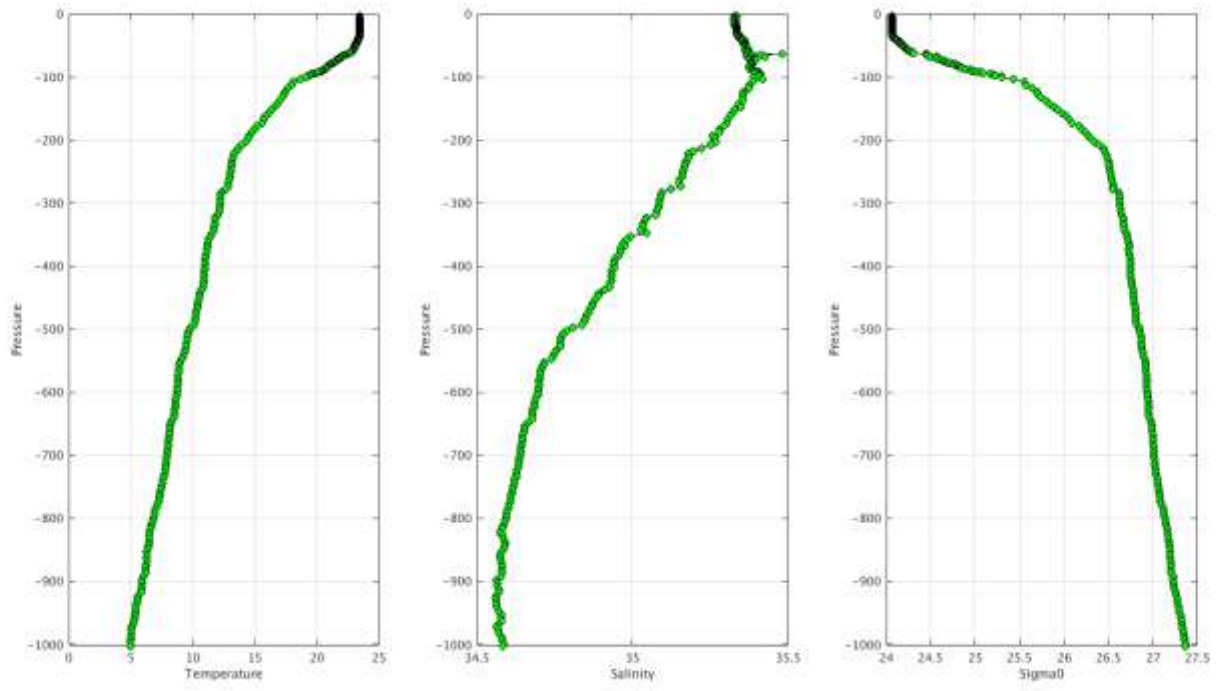
BO,3901981,27,11/06/2018 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=59503102 ,PSAL,43.7,48.5,1,4,Primary sampling
 BO,3901981,27,11/06/2018 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=59503102 ,PSAL,53.2,53.2,1,4,Primary sampling
 BO,3901981,27,11/06/2018 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=59503102 ,PSAL,56.8,77.8,1,4,Primary sampling
 BO,3901981,27,11/06/2018 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=59503102 ,PSAL,642,646.3,1,3,Primary sampling
 BO,3901981,27,11/06/2018 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=59503102 ,PSAL,658,694.2,1,3,Primary sampling
 BO,3901981,27,11/06/2018 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=59503102 ,PSAL,706.3,722.3,1,3,Primary sampling
 BO,3901981,27,11/06/2018 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=59503102 ,PSAL,734.6,786.6,1,3,Primary sampling
 BO,3901981,27,11/06/2018 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=59503102 ,PSAL,798.3,890.5,1,3,Primary sampling
 BO,3901981,27,11/06/2018 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=59503102 ,PSAL,82,84,1,3,Primary sampling
 BO,3901981,27,11/06/2018 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=59503102 ,PSAL,902.1,958.2,1,3,Primary sampling
 BO,3901981,27,11/06/2018 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=59503102 ,PSAL,970.5,982.4,1,3,Primary sampling
 BO,3901981,27,11/06/2018 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=59503102 ,PSAL,99.9,100.8,1,4,Primary sampling
 BO,3901981,27,11/06/2018 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=59503102 ,PSAL,998.4,1058.8,1,3,Primary sampling
 BO,3901981,28,21/06/2018 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=59598486 ,PSAL,1002.6,1026.2,1,3,Primary sampling
 BO,3901981,28,21/06/2018 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=59598486 ,PSAL,1038.5,1058.1,1,3,Primary sampling
 BO,3901981,28,21/06/2018 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=59598486 ,PSAL,1070.2,1993.5,1,3,Primary sampling
 BO,3901981,28,21/06/2018 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=59598486 ,PSAL,134.7,136.9,1,3,Primary sampling
 BO,3901981,28,21/06/2018 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=59598486 ,PSAL,140.3,339.7,1,3,Primary sampling
 BO,3901981,28,21/06/2018 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=59598486 ,PSAL,3.5,53.1,1,3,Primary sampling
 BO,3901981,28,21/06/2018 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=59598486 ,PSAL,345.7,375.1,1,3,Primary sampling
 BO,3901981,28,21/06/2018 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=59598486 ,PSAL,383.9,622.3,4,3,Primary sampling
 BO,3901981,28,21/06/2018 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=59598486 ,PSAL,56,56,1,3,Primary sampling
 BO,3901981,28,21/06/2018 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=59598486 ,PSAL,63.7,80.8,1,3,Primary sampling
 BO,3901981,28,21/06/2018 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=59598486 ,PSAL,638.2,670.6,1,3,Primary sampling
 BO,3901981,28,21/06/2018 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=59598486 ,PSAL,682.4,990.6,1,3,Primary sampling
 BO,3901981,28,21/06/2018 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=59598486 ,PSAL,84.8,127.8,1,3,Primary sampling

Example of corrections:

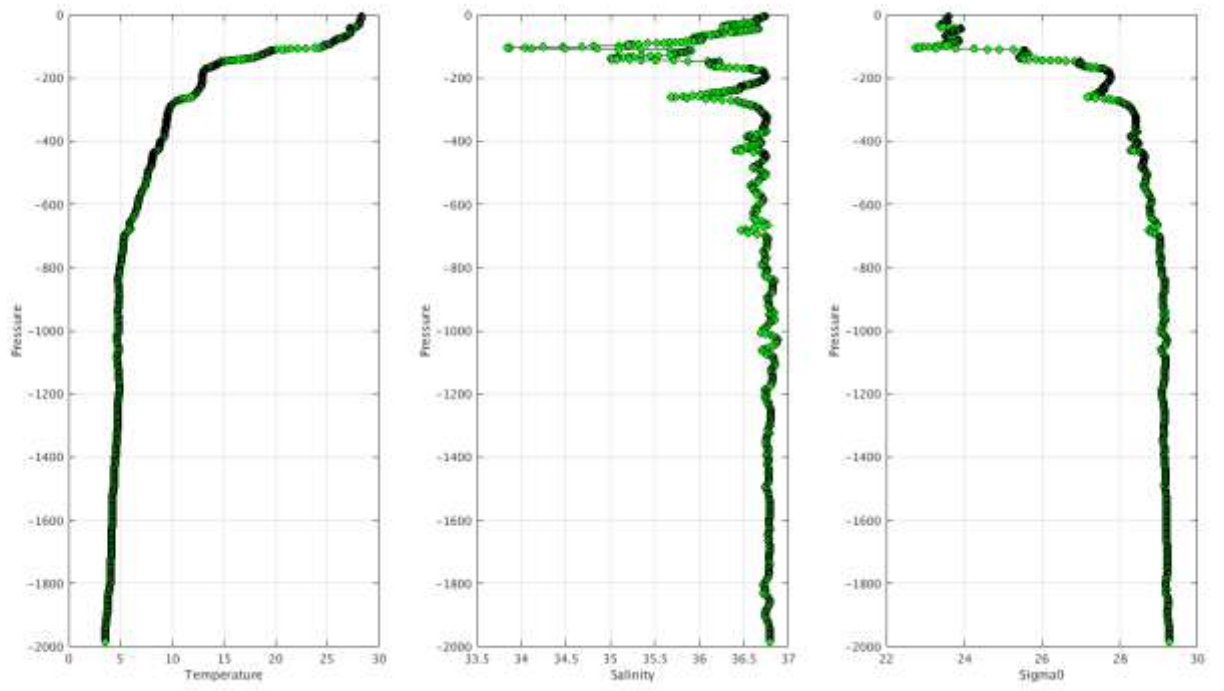
Warning Objective Analysis Anomalies 2018 June TEMP PSAL : DAC BO- Float 3901889 - 4



Warning Objective Analysis Anomalies 2018 June TEMP PSAL : DAC BO- Float 3901917 - 8



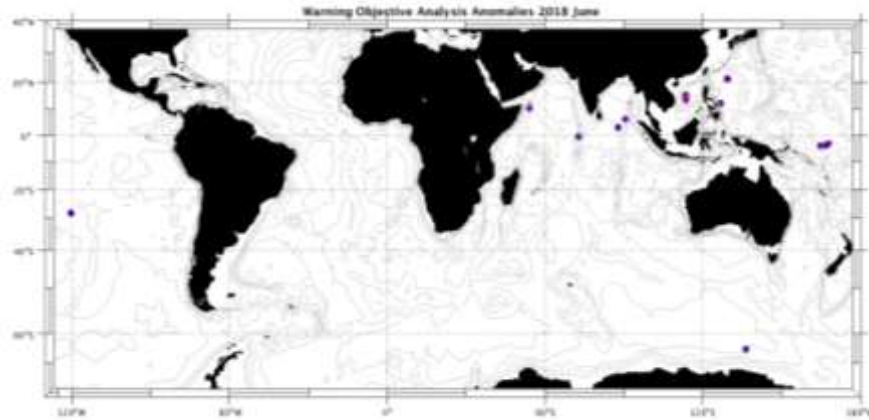
Warning Objective Analysis Anomalies 2018 June TEMP PSAL : DAC BO- Float 3901981 - 26



3. DAC CSIO

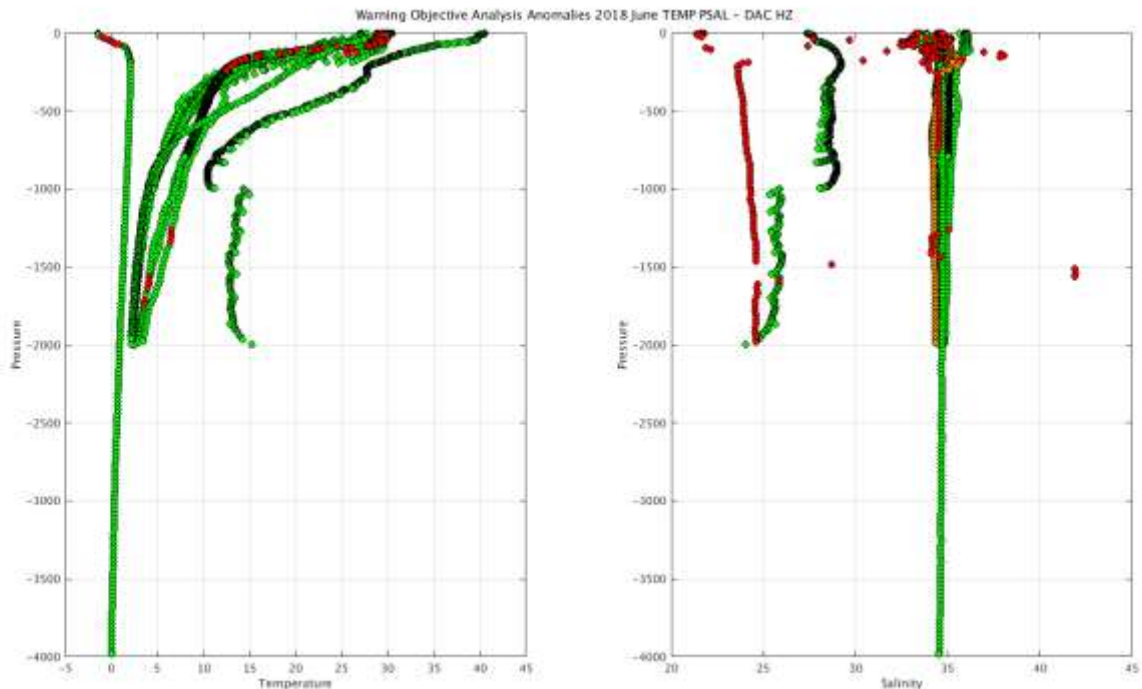
Profiles detected by the objective analysis: 16 profiles (1 float – float can have several cycles with anomalies)

| Data_mode ='R' | Data_mode ='A' | Data_mode ='D' |
|----------------|----------------|----------------|
| 0 cycle | 16cycles | 0 cycle |



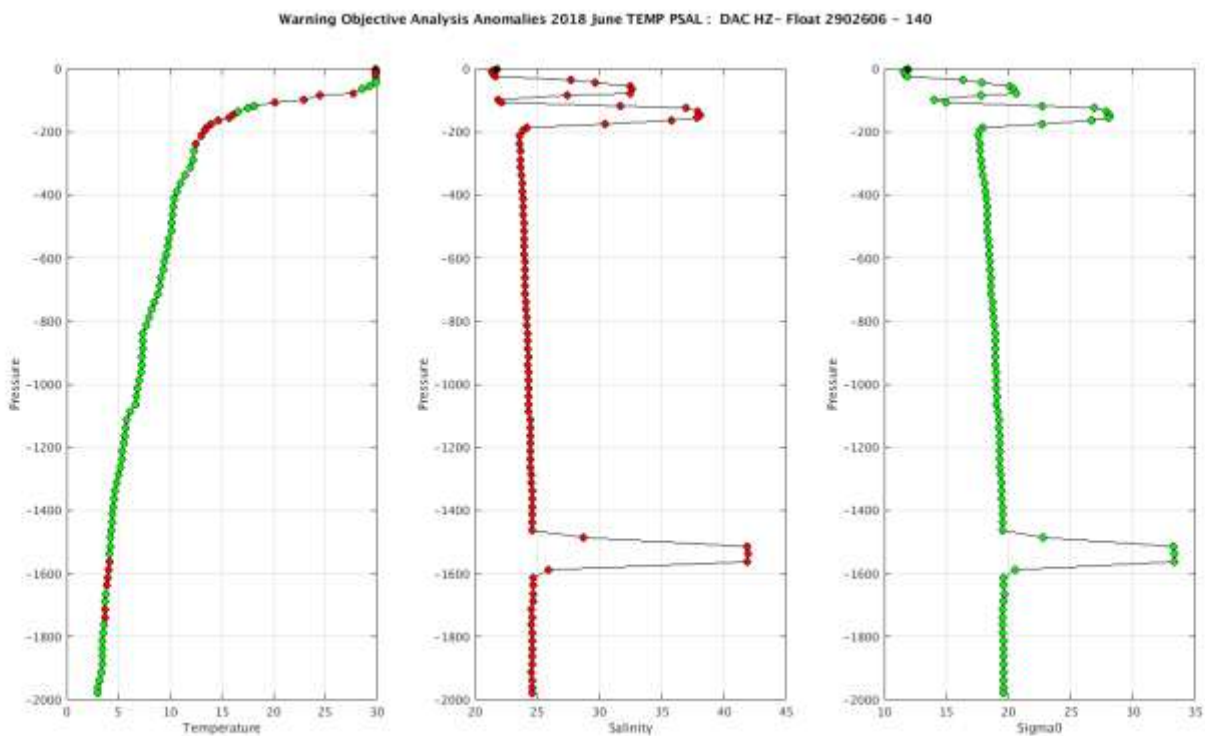
Status of corrections: Correction not done for all, No feedback.

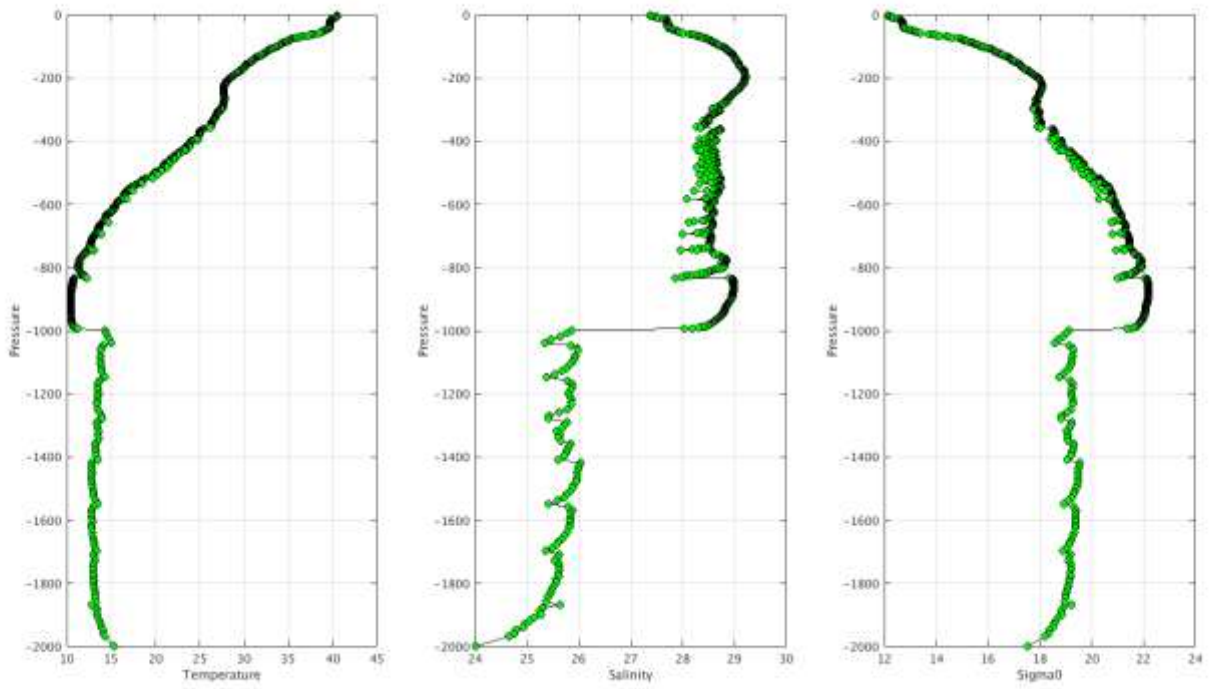
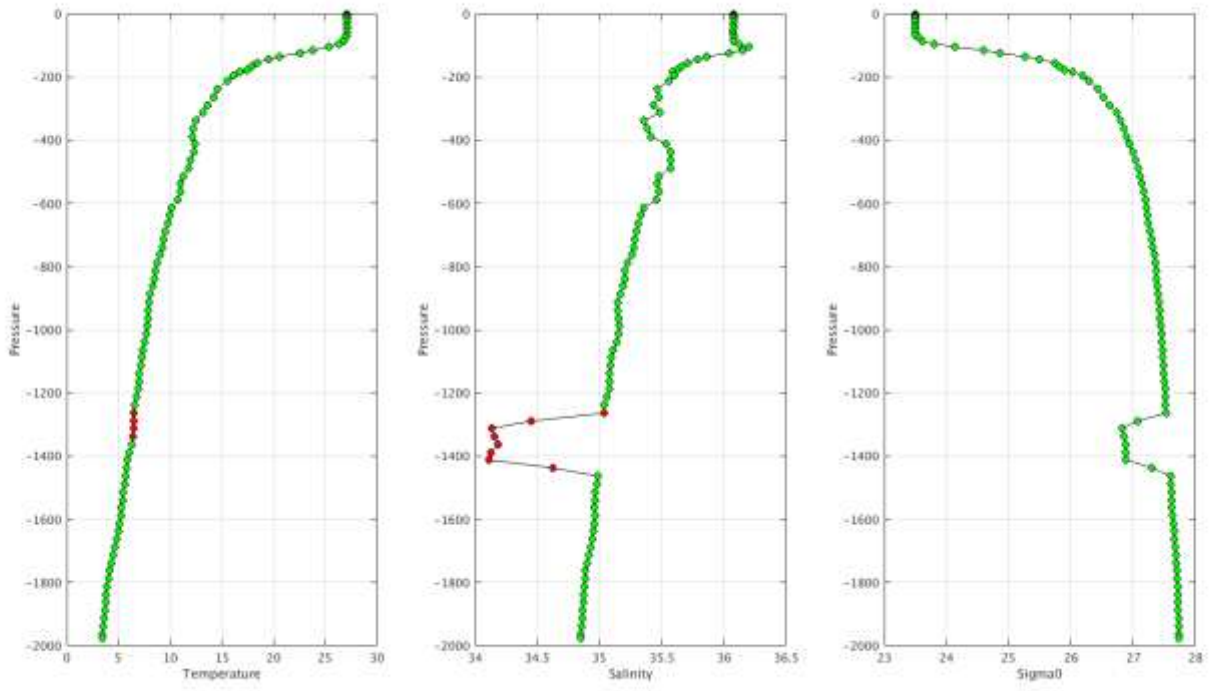
- Float : 2902564 - Cycle : 36 - PI : ZENGHONG LIU - Data mode : A - Platform type : PROVOR - WMO inst type : 841 - FLOAT SERIAL : OIN-12-CH1-S31-11 - Date : 2014 9 10
- Float : 2902564 - Cycle : 164 - PI : ZENGHONG LIU - Data mode : A - Platform type : PROVOR - WMO inst type : 841 - FLOAT SERIAL : OIN-12-CH1-S31-11 - Date : 2018 3 14
- Float : 2902564 - Cycle : 165 - PI : ZENGHONG LIU - Data mode : A - Platform type : PROVOR - WMO inst type : 841 - FLOAT SERIAL : OIN-12-CH1-S31-11 - Date : 2018 3 24
- Float : 2902570 - Cycle : 122 - PI : ZENGHONG LIU - Data mode : A - Platform type : PROVOR - WMO inst type : 841 - FLOAT SERIAL : OIN-12-CH1-S31-18 - Date : 2017 4 20
- Float : 2902573 - Cycle : 127 - PI : ZENGHONG LIU - Data mode : A - Platform type : PROVOR - WMO inst type : 841 - FLOAT SERIAL : OIN-12-CH1-S3-21 - Date : 2017 3 23
- Float : 2902606 - Cycle : 140 - PI : ZENGHONG LIU - Data mode : A - Platform type : PROVOR - WMO inst type : 841 - FLOAT SERIAL : OIN-13CH-S31-54 - Date : 2018 6 16
- Float : 2902615 - Cycle : 128 - PI : ZENGHONG LIU - Data mode : A - Platform type : PROVOR - WMO inst type : 841 - FLOAT SERIAL : OIN-13CH-S31-66 - Date : 2017 8 10
- Float : 2902652 - Cycle : 134 - PI : ZENGHONG LIU - Data mode : A - Platform type : PROVOR - WMO inst type : 841 - FLOAT SERIAL : OIN-13CH-S31-39 - Date : 2018 6 20
- Float : 2902694 - Cycle : 46 - PI : JIANPING XU - Data mode : A - Platform type : HM2000 - WMO inst type : 871 - FLOAT SERIAL : HM2000-2016-004 - Date : 2017 4 23
- Float : 2902694 - Cycle : 56 - PI : JIANPING XU - Data mode : A - Platform type : HM2000 - WMO inst type : 871 - FLOAT SERIAL : HM2000-2016-004 - Date : 2017 6 13
- Float : 2902695 - Cycle : 47 - PI : JIANPING XU - Data mode : A - Platform type : HM2000 - WMO inst type : 871 - FLOAT SERIAL : HM2000-2016-005 - Date : 2017 4 25
- Float : 2902702 - Cycle : 62 - PI : GUOPING GAO - Data mode : A - Platform type : NAVIS - WMO inst type : 863 - FLOAT SERIAL : 0668 - Date : 2017 11 28
- Float : 2902702 - Cycle : 65 - PI : GUOPING GAO - Data mode : A - Platform type : NAVIS - WMO inst type : 863 - FLOAT SERIAL : 0668 - Date : 2017 12 2
- Float : 2902723 - Cycle : 5 - PI : JIANPING XU - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 8253 - Date : 2018 6 3
- Float : 2902723 - Cycle : 7 - PI : JIANPING XU - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 8253 - Date : 2018 6 13
- Float : 2902737 - Cycle : 19 - PI : - - Data mode : - - Platform type : - - WMO inst type : - - FLOAT SERIAL : - - Date : 2018 6 21



HZ,2902723,7,13/06/2018 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=59529999 ,TEMP_ADJUSTED,1395.49,1395.49,1,4,Secondary sampling
 HZ,2902723,7,13/06/2018 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=59529999 ,TEMP_ADJUSTED,14.29,219.41,1,3,Secondary sampling
 HZ,2902723,7,13/06/2018 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=59529999 ,TEMP_ADJUSTED,1428.06,1467.75,1,4,Secondary sampling
 HZ,2902723,7,13/06/2018 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=59529999 ,TEMP_ADJUSTED,1567.56,1616.31,1,4,Secondary sampling
 HZ,2902723,7,13/06/2018 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=59529999 ,TEMP_ADJUSTED,1747.5,1777.52,1,4,Secondary sampling
 HZ,2902723,7,13/06/2018 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=59529999 ,TEMP_ADJUSTED,1817.13,1817.13,1,4,Secondary sampling
 HZ,2902723,7,13/06/2018 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=59529999 ,TEMP_ADJUSTED,1845.35,1845.35,1,4,Secondary sampling
 HZ,2902723,7,13/06/2018 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=59529999 ,TEMP_ADJUSTED,319.6,339.38,1,3,Secondary sampling
 HZ,2902723,7,13/06/2018 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=59529999 ,TEMP_ADJUSTED,369.68,369.68,1,3,Secondary sampling
 HZ,2902723,7,13/06/2018 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=59529999 ,TEMP_ADJUSTED,399.56,408.62,1,3,Secondary sampling
 HZ,2902723,7,13/06/2018 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=59529999 ,TEMP_ADJUSTED,439.25,459.19,1,3,Secondary sampling
 HZ,2902723,7,13/06/2018 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=59529999 ,TEMP_ADJUSTED,489.81,508.84,1,3,Secondary sampling
 HZ,2902723,7,13/06/2018 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=59529999 ,TEMP_ADJUSTED,539.39,579.05,1,3,Secondary sampling
 HZ,2902723,7,13/06/2018 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=59529999 ,TEMP_ADJUSTED,609.42,638.15,1,3,Secondary sampling
 HZ,2902723,7,13/06/2018 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=59529999 ,TEMP_ADJUSTED,669.48,679.22,1,3,Secondary sampling
 HZ,2902723,7,13/06/2018 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=59529999 ,TEMP_ADJUSTED,709.32,729.38,1,3,Secondary sampling
 HZ,2902723,7,13/06/2018 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=59529999 ,TEMP_ADJUSTED,755.38,789.71,1,3,Secondary sampling
 HZ,2902723,7,13/06/2018 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=59529999 ,TEMP_ADJUSTED,849.65,886.67,1,3,Secondary sampling
 HZ,2902737,19,21/06/2018 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=59598628 ,PSAL,145.4,155.1,1,4,Primary sampling
 HZ,2902737,19,21/06/2018 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=59598628 ,PSAL,85.2,105.2,1,4,Primary sampling
 HZ,2902737,19,21/06/2018 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=59598628 ,PSAL_ADJUSTED,145.4,155.1,1,4,Primary sampling
 HZ,2902737,19,21/06/2018 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=59598628 ,PSAL_ADJUSTED,85.2,105.2,1,4,Primary sampling

Example of corrections:

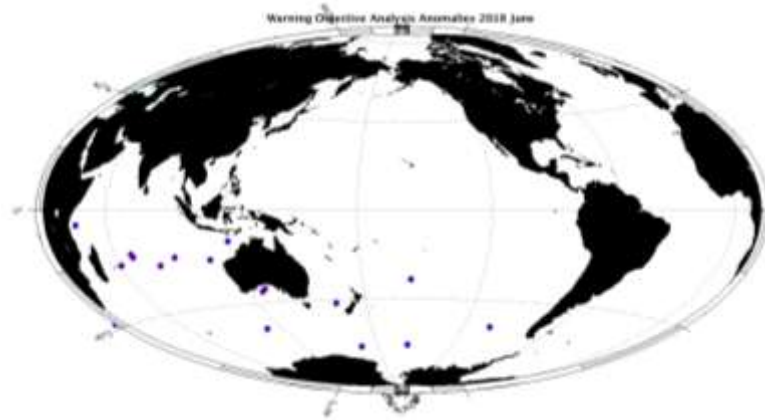




4. DAC CSIRO

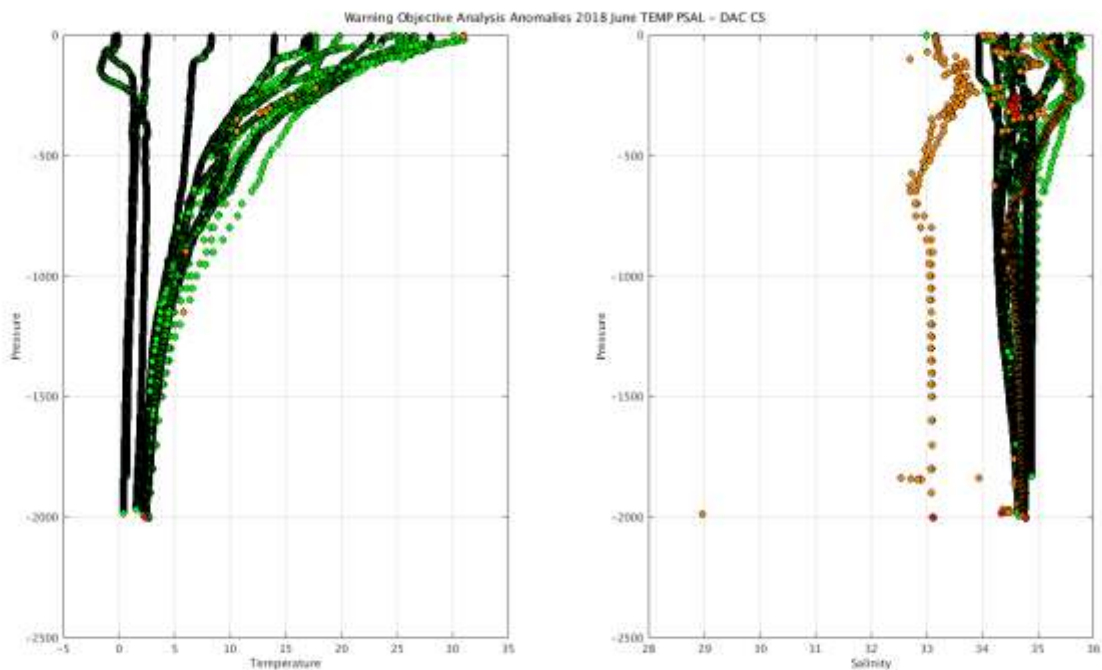
Profiles detected by the objective analysis: 18 profiles (17 floats – float can have several cycles with anomalies)

| Data_mode ='R' | Data_mode ='A' | Data_mode ='D' |
|----------------|----------------|----------------|
| 0 cycle | 13cycles | 5 cycles |



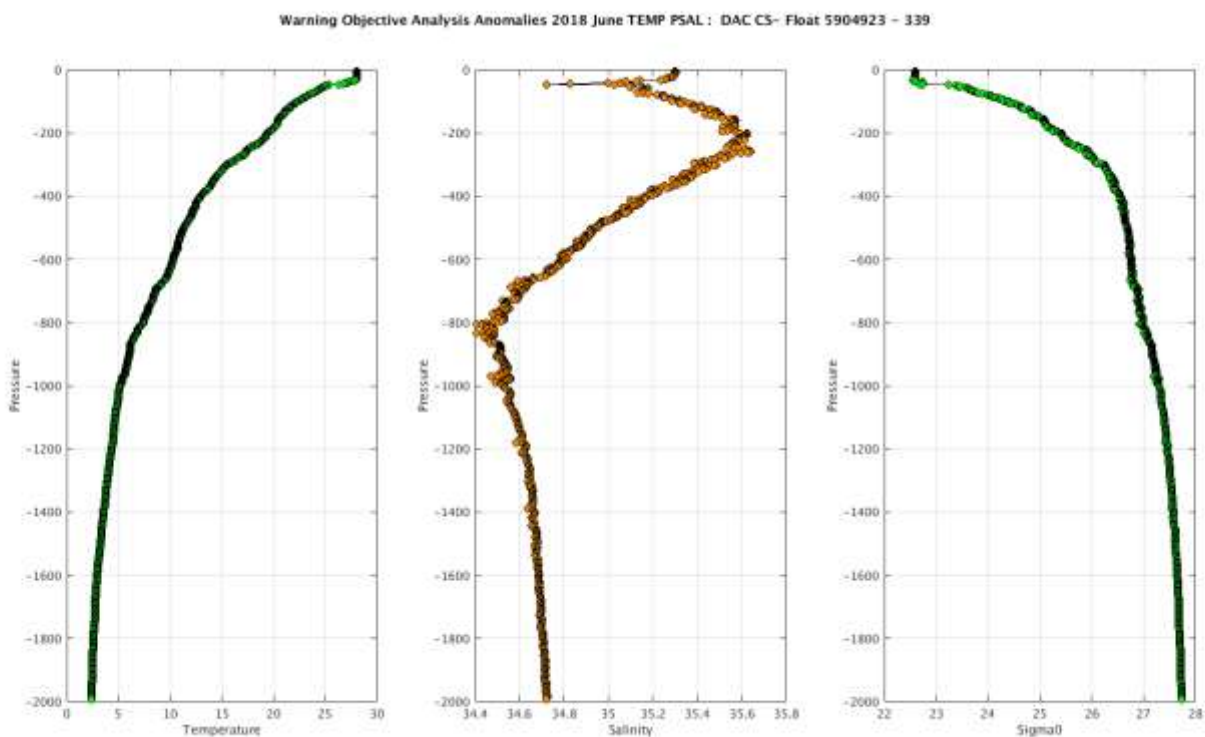
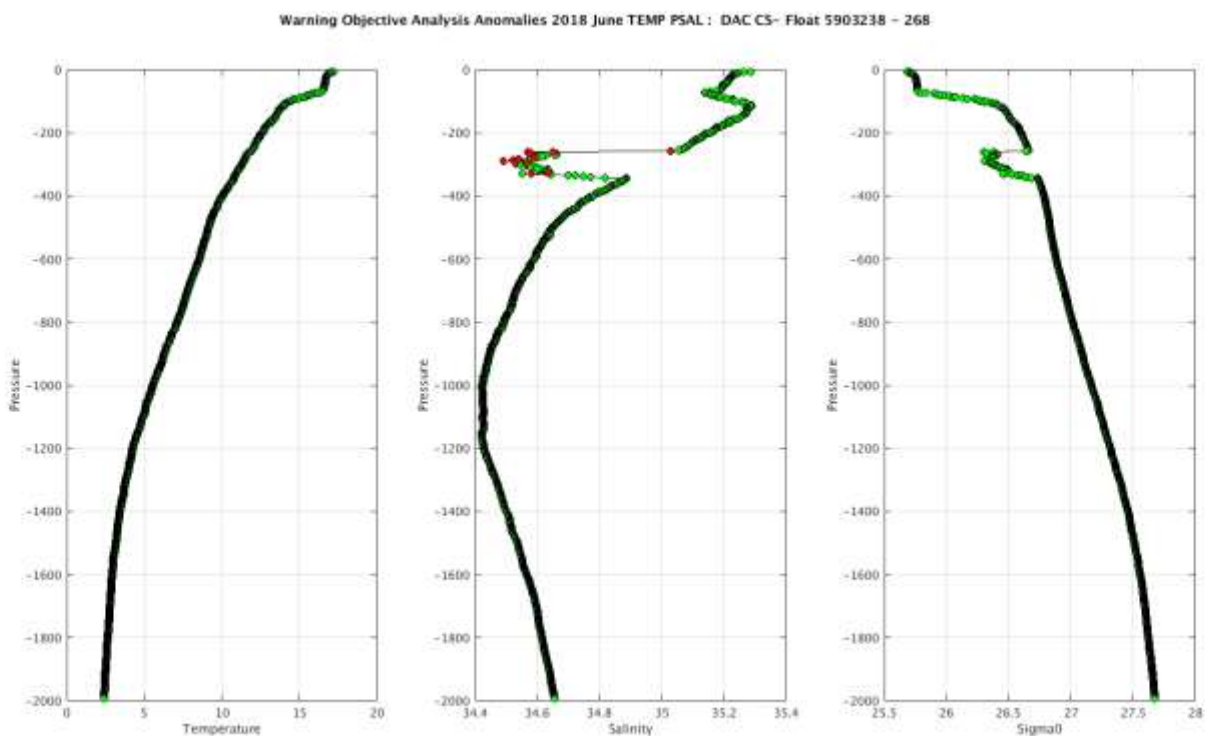
Status of corrections: Corrections done or in progress, feedback.

Float : 1901126 - Cycle : 336 - PI : Susan Wijffels - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 3556 - Date : 2017 12 31
 Float : 1901163 - Cycle : 227 - PI : Susan Wijffels - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 4028 - Date : 2017 7 10
 Float : 1901168 - Cycle : 227 - PI : Susan Wijffels - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 5454 - Date : 2017 7 10
 Float : 1901324 - Cycle : 221 - PI : Susan Wijffels - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 5466 - Date : 2017 7 9
 Float : 5903238 - Cycle : 268 - PI : Susan Wijffels - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 4699 - Date : 2017 3 28
 Float : 5903627 - Cycle : 265 - PI : Susan Wijffels - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 5041 - Date : 2017 9 13
 Float : 5903667 - Cycle : 257 - PI : Susan Wijffels - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 5096 - Date : 2017 12 31
 Float : 5903694 - Cycle : 245 - PI : Susan Wijffels - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 5480 - Date : 2018 5 25
 Float : 5903694 - Cycle : 248 - PI : Susan Wijffels - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 5480 - Date : 2018 6 24
 Float : 5903918 - Cycle : 199 - PI : Susan Wijffels - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 5482 - Date : 2017 5 11
 Float : 5903922 - Cycle : 198 - PI : Susan Wijffels - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 5484 - Date : 2017 5 13
 Float : 5903948 - Cycle : 195 - PI : Susan Wijffels - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 5100 - Date : 2017 10 5
 Float : 5904890 - Cycle : 137 - PI : Susan Wijffels - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7078 - Date : 2018 6 6
 Float : 5904923 - Cycle : 339 - PI : Susan Wijffels - Data mode : A - Platform type : NAVIS_A - WMO inst type : 863 - FLOAT SERIAL : 387 - Date : 2017 4 1
 Float : 5904929 - Cycle : 57 - PI : Susan Wijffels - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7370 - Date : 2017 3 22
 Float : 5905194 - Cycle : 112 - PI : Susan Wijffels - Data mode : A - Platform type : NAVIS_A - WMO inst type : 863 - FLOAT SERIAL : 527 - Date : 2017 12 26
 Float : 7900326 - Cycle : 253 - PI : Susan Wijffels - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 5097 - Date : 2017 12 26
 Float : 7900611 - Cycle : 76 - PI : Susan Wijffels - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7409 - Date : 2017 12 22



CS,5905194,112,29/12/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=54532047 ,PSAL,.3,.3,1,3,Primary sampling
CS,5905194,112,29/12/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=54532047 ,TEMP,.3,.3,1,3,Primary sampling
CS,7900326,253,29/12/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=54532303 ,PSAL,2.8,1830.3,1,3,Primary sampling
CS,7900611,76,22/12/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=54512789 ,PSAL,134,134,1,3,Primary sampling
CS,7900611,76,22/12/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=54512789 ,PSAL,140,184,1,3,Primary sampling
CS,7900611,76,22/12/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=54512789 ,PSAL,4,122,1,3,Primary sampling

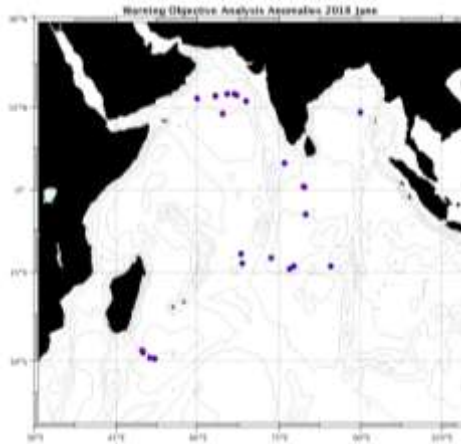
Example of corrections:



5. DAC INCOIS

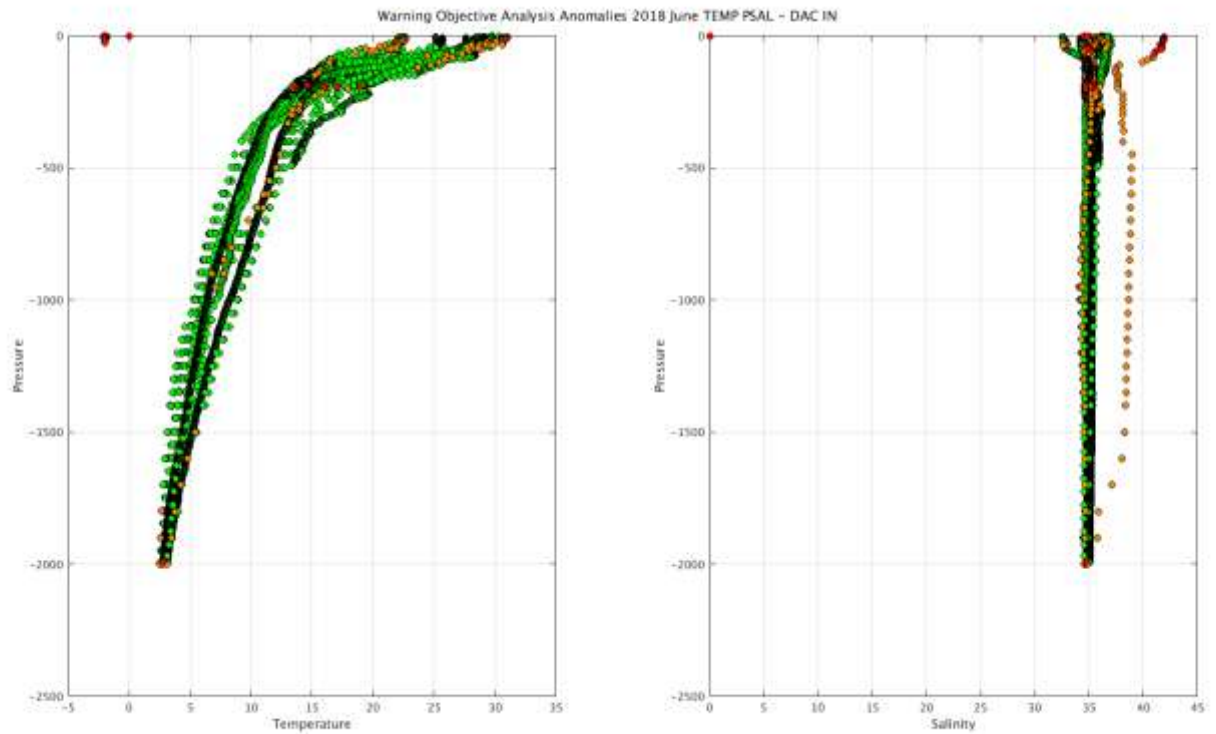
Profiles detected by the objective analysis: 25 profiles (17 floats – float can have several cycles with anomalies)

| Data_mode ='R' | Data_mode ='A' | Data_mode ='D' |
|----------------|----------------|----------------|
| 2 cycles | 23 cycles | 0 cycle |



Status of corrections: Corrections done or in progress, some feedbacks

Float : 2901308 - Cycle : 220 - PI : M Ravichandran - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 4739 - Date : 2017 3 16
 Float : 2901313 - Cycle : 219 - PI : M Ravichandran - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 4735 - Date : 2017 4 17
 Float : 2901314 - Cycle : 221 - PI : M Ravichandran - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 4817 - Date : 2017 5 12
 Float : 2901315 - Cycle : 227 - PI : M Ravichandran - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 4733 - Date : 2017 7 15
 Float : 2901315 - Cycle : 230 - PI : M Ravichandran - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 4733 - Date : 2017 8 13
 Float : 2901319 - Cycle : 215 - PI : M Ravichandran - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 4727 - Date : 2017 3 19
 Float : 2902073 - Cycle : 183 - PI : M Ravichandran - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 4730 - Date : 2017 6 6
 Float : 2902143 - Cycle : 97 - PI : M Ravichandran - Data mode : A - Platform type : PROVOR_MT - WMO inst type : 841 - FLOAT SERIAL : 1345 - Date : 2017 3 31
 Float : 2902166 - Cycle : 83 - PI : M Ravichandran - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7097 - Date : 2017 4 24
 Float : 2902166 - Cycle : 84 - PI : M Ravichandran - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7097 - Date : 2017 5 4
 Float : 2902166 - Cycle : 86 - PI : M Ravichandran - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7097 - Date : 2017 5 24
 Float : 2902166 - Cycle : 87 - PI : M Ravichandran - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7097 - Date : 2017 6 3
 Float : 2902175 - Cycle : 279 - PI : M Ravichandran - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7123 - Date : 2018 6 11
 Float : 2902192 - Cycle : 99 - PI : M Ravichandran - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7548 - Date : 2017 5 11
 Float : 2902203 - Cycle : 43 - PI : M Ravichandran - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7541 - Date : 2017 5 2
 Float : 2902206 - Cycle : 82 - PI : M Ravichandran - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7540 - Date : 2018 6 1
 Float : 2902210 - Cycle : 20 - PI : M Ravichandran - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7828 - Date : 2017 4 5
 Float : 2902239 - Cycle : 14 - PI : M Ravichandran - Data mode : R - Platform type : PROVOR_III - WMO inst type : 836 - FLOAT SERIAL : P41305-17IN002 - Date : 2017 12 26
 Float : 2902239 - Cycle : 15 - PI : M Ravichandran - Data mode : R - Platform type : PROVOR_III - WMO inst type : 836 - FLOAT SERIAL : P41305-17IN002 - Date : 2017 12 31
 Float : 2902255 - Cycle : 109 - PI : M Ravichandran - Data mode : A - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 17108 - Date : 2018 5 24
 Float : 2902255 - Cycle : 111 - PI : M Ravichandran - Data mode : A - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 17108 - Date : 2018 5 26
 Float : 2902257 - Cycle : 112 - PI : M Ravichandran - Data mode : A - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 17110 - Date : 2018 5 28
 Float : 2902258 - Cycle : 108 - PI : M Ravichandran - Data mode : A - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 17111 - Date : 2018 5 23
 Float : 2902258 - Cycle : 109 - PI : M Ravichandran - Data mode : A - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 17111 - Date : 2018 5 24
 Float : 2902258 - Cycle : 110 - PI : M Ravichandran - Data mode : A - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 17111 - Date : 2018 5 25

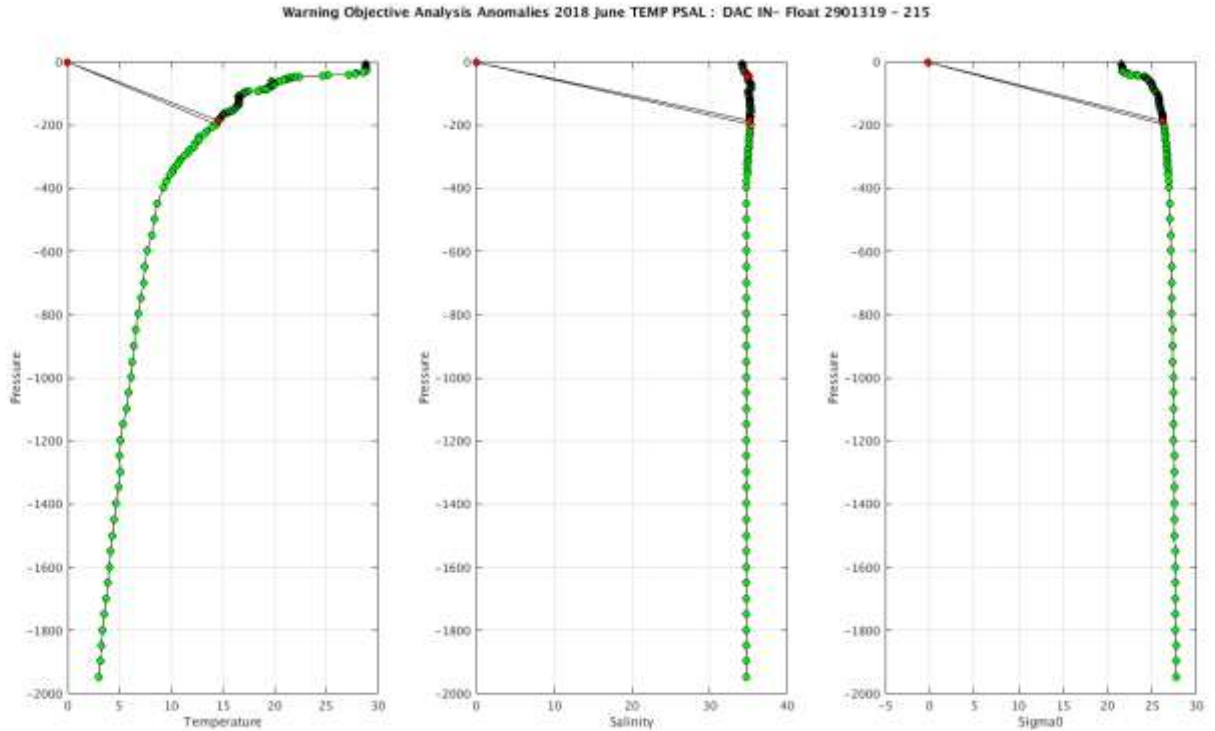


DAC_CODE,PLATFORM_CODE,CV_NUMBER,DATE_UPDATE,DIRECTION,WEB_URL,PARAMETER,START_IMMERSION,STOP_IMMERSION,OLD_QC,NEW_QC,VERTICAL_SAMPLING_SCHEME

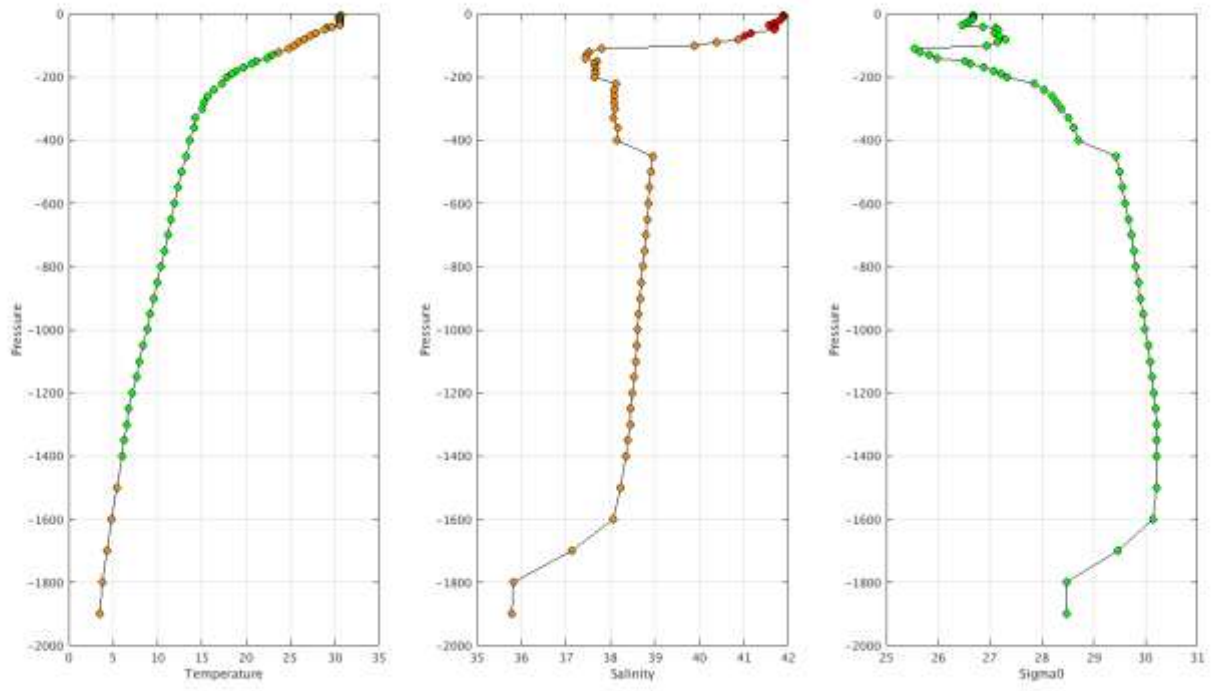
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 IN,2901308,220,16/03/2017 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=52039844> ,PSAL_ADJUSTED,208.3,288.32,1,3,Primary sampling
 IN,2901313,219,17/04/2017 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=52287916> ,PSAL_ADJUSTED,206.84,298.38,1,3,Primary sampling
 IN,2901313,219,17/04/2017 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=52287916> ,PSAL_ADJUSTED,83.9,187.9,1,3,Primary sampling
 IN,2901314,221,12/05/2017 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=52489169> ,PSAL_ADJUSTED,62,70,1,3,Primary sampling
 IN,2901314,221,12/05/2017 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=52489169> ,PSAL_ADJUSTED,78.1,142.2,1,3,Primary sampling
 IN,2901315,227,15/07/2017 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=53034695> ,PSAL_ADJUSTED,174,190,1,3,Primary sampling
 IN,2901315,227,15/07/2017 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=53034695> ,PSAL_ADJUSTED,207.98,217.7,1,3,Primary sampling
 IN,2901315,230,14/08/2017 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=53403881> ,PSAL_ADJUSTED,108,134,1,3,Primary sampling
 IN,2901315,230,14/08/2017 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=53403881> ,PSAL_ADJUSTED,138,190,1,3,Primary sampling
 IN,2901319,215,19/03/2017 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=52054806> ,PSAL_ADJUSTED,32.1,44.2,1,4,Primary sampling
 IN,2902073,183,06/06/2017 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=52756640> ,PSAL_ADJUSTED,48.2,58,1,3,Primary sampling
 IN,2902143,97,03/04/2017 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=52146299> ,PSAL,1,1,1,4,Primary sampling
 IN,2902166,83,27/04/2017 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=52348934> ,PSAL,30.2,30.2,1,3,Primary sampling
 IN,2902166,83,27/04/2017 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=52348934> ,PSAL,4.5,4.5,1,3,Primary sampling
 IN,2902166,83,27/04/2017 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=52348934> ,PSAL,49.8,549.9,1,3,Primary sampling
 IN,2902166,83,27/04/2017 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=52348934> ,PSAL,699.5,1999.6,4,3,Primary sampling
 IN,2902166,84,07/05/2017 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=52432356> ,PSAL,1050.3,1100.2,1,3,Primary sampling
 IN,2902166,84,07/05/2017 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=52432356> ,PSAL,110.3,120.2,1,3,Primary sampling
 IN,2902166,84,07/05/2017 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=52432356> ,PSAL,1249.9,1699.8,1,3,Primary sampling
 IN,2902166,84,07/05/2017 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=52432356> ,PSAL,159.3,240.6,1,3,Primary sampling
 IN,2902166,84,07/05/2017 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=52432356> ,PSAL,299.8,650.3,1,3,Primary sampling
 IN,2902166,84,07/05/2017 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=52432356> ,PSAL,4.1,4.1,1,3,Primary sampling
 IN,2902166,84,07/05/2017 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=52432356> ,PSAL,70.7,80.2,1,3,Primary sampling
 IN,2902166,84,07/05/2017 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=52432356> ,PSAL,849.7,1,3,Primary sampling
 IN,2902166,86,27/05/2017 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=52590462> ,PSAL,329.3,400.1,1,3,Primary sampling
 IN,2902166,86,27/05/2017 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=52590462> ,PSAL,4.2,24.6,1,3,Primary sampling
 IN,2902166,86,27/05/2017 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=52590462> ,PSAL,70.1,260.4,1,3,Primary sampling
 IN,2902166,86,27/05/2017 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=52590462> ,PSAL,749.7,1900,1,3,Primary sampling
 IN,2902166,87,06/06/2017 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=52733980> ,PSAL,3.7,25,1,3,Primary sampling
 IN,2902166,87,06/06/2017 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=52733980> ,PSAL,360.2,750.3,1,3,Primary sampling
 IN,2902166,87,06/06/2017 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=52733980> ,PSAL,69.9,260.3,1,3,Primary sampling
 IN,2902166,87,06/06/2017 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=52733980> ,PSAL,950.5,1799.8,1,3,Primary sampling
 IN,2902175,279,12/06/2018 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=59525039> ,PSAL,128,128,1,3,Primary sampling
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 IN,2902175,279,12/06/2018 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=59525039> ,PSAL_ADJUSTED,128,128,1,3,Primary sampling
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 IN,2902203,43,05/05/2017 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=52417638> ,PSAL_ADJUSTED,259.7,279.9,1,3,Primary sampling
 IN,2902206,82,04/06/2018 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=59410387> ,PSAL,130.2,1399.6,1,3,Primary sampling
 IN,2902206,82,04/06/2018 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=59410387> ,PSAL_ADJUSTED,130.2,1399.6,1,3,Primary sampling
 IN,2902210,20,10/04/2017 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=52246307> ,PSAL_ADJUSTED,4.2,490,1,4,Primary sampling
 IN,2902239,14,16/04/2018 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=55369402> ,PSAL,655,1967.2,1,3,Primary sampling

IN,2902239,15,16/04/2018 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=55369407 ,PSAL,153.5,165.4,1,4,Primary sampling
 IN,2902239,15,16/04/2018 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=55369407 ,PSAL,325,335.1,1,4,Primary sampling
 IN,2902239,15,16/04/2018 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=55369407 ,PSAL,704.9,704.9,1,4,Primary sampling
 IN,2902255,109,04/06/2018 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=59432666 ,TEMP,2,6,1,4,Primary sampling
 IN,2902255,109,04/06/2018 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=59432666 ,TEMP_ADJUSTED,2,6,1,4,Primary sampling
 IN,2902255,111,04/06/2018 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=59432668 ,TEMP,1,15,1,4,Primary sampling
 IN,2902255,111,04/06/2018 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=59432668 ,TEMP_ADJUSTED,1,15,1,4,Primary sampling
 IN,2902257,112,04/06/2018 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=59432683 ,TEMP,1,17,1,4,Primary sampling
 IN,2902257,112,04/06/2018 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=59432683 ,TEMP_ADJUSTED,1,17,1,4,Primary sampling
 IN,2902258,108,04/06/2018 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=59432686 ,TEMP,3,5,1,4,Primary sampling
 IN,2902258,108,04/06/2018 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=59432686 ,TEMP_ADJUSTED,3,5,1,4,Primary sampling
 IN,2902258,109,04/06/2018 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=59432687 ,PRES,-1,-1,1,3,Primary sampling
 IN,2902258,109,04/06/2018 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=59432687 ,PRES,-5,-5,1,3,Primary sampling
 IN,2902258,109,04/06/2018 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=59432687 ,PRES,-9,-9,1,3,Primary sampling
 IN,2902258,109,04/06/2018 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=59432687 ,PRES_ADJUSTED,-9,-1,1,3,Primary sampling
 IN,2902258,109,21/06/2018 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=59432687 ,PRES,-1,-1,1,3,Primary sampling
 IN,2902258,109,21/06/2018 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=59432687 ,PRES,-5,-5,1,3,Primary sampling
 IN,2902258,109,21/06/2018 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=59432687 ,PRES,-9,-9,1,3,Primary sampling
 IN,2902258,109,21/06/2018 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=59432687 ,PRES_ADJUSTED,-9,-1,1,3,Primary sampling
 IN,2902258,109,21/06/2018 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=59432687 ,PSAL,-9,-1,1,3,Primary sampling
 IN,2902258,109,21/06/2018 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=59432687 ,PSAL_ADJUSTED,-9,-1,1,3,Primary sampling
 IN,2902258,110,04/06/2018 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=59432688 ,TEMP,2,13,1,4,Primary sampling
 IN,2902258,110,04/06/2018 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=59432688 ,TEMP_ADJUSTED,2,13,1,4,Primary sampling

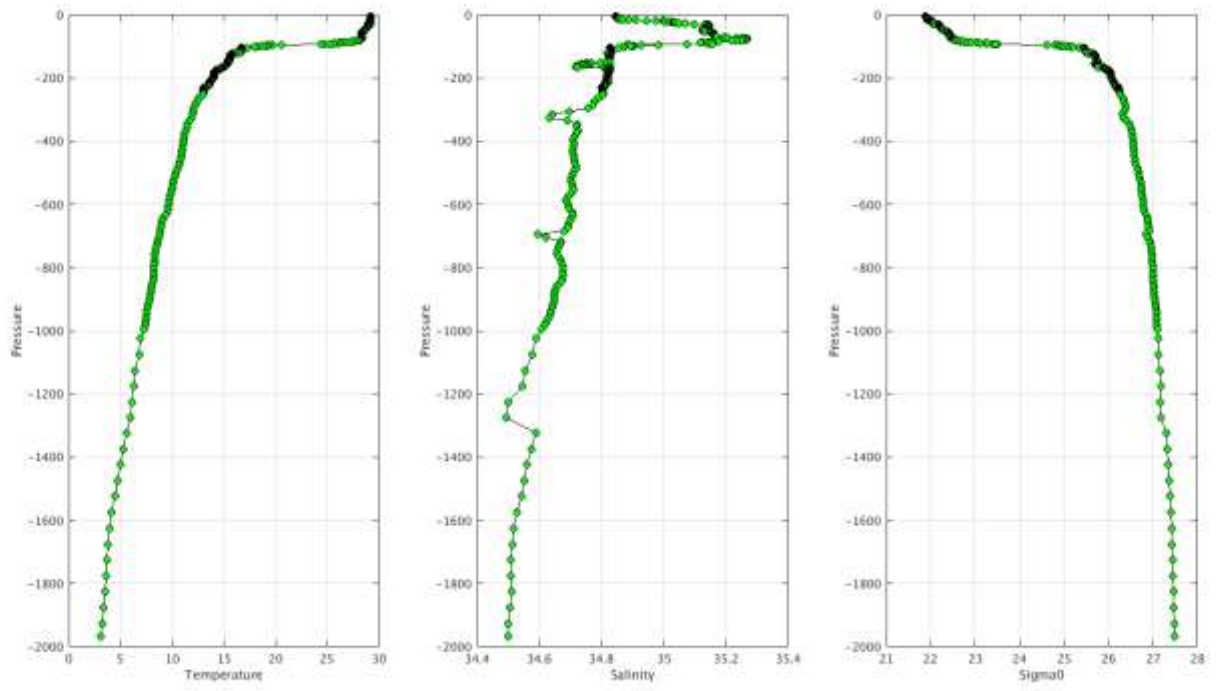
Example of corrections:



Warning Objective Analysis Anomalies 2018 June TEMP PSAL : DAC IN- Float 2902206 - 82



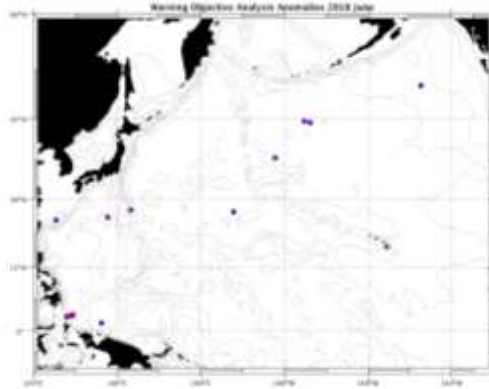
Warning Objective Analysis Anomalies 2018 June TEMP PSAL : DAC IN- Float 2902239 - 15



6. DAC JMA/JAMSTEC

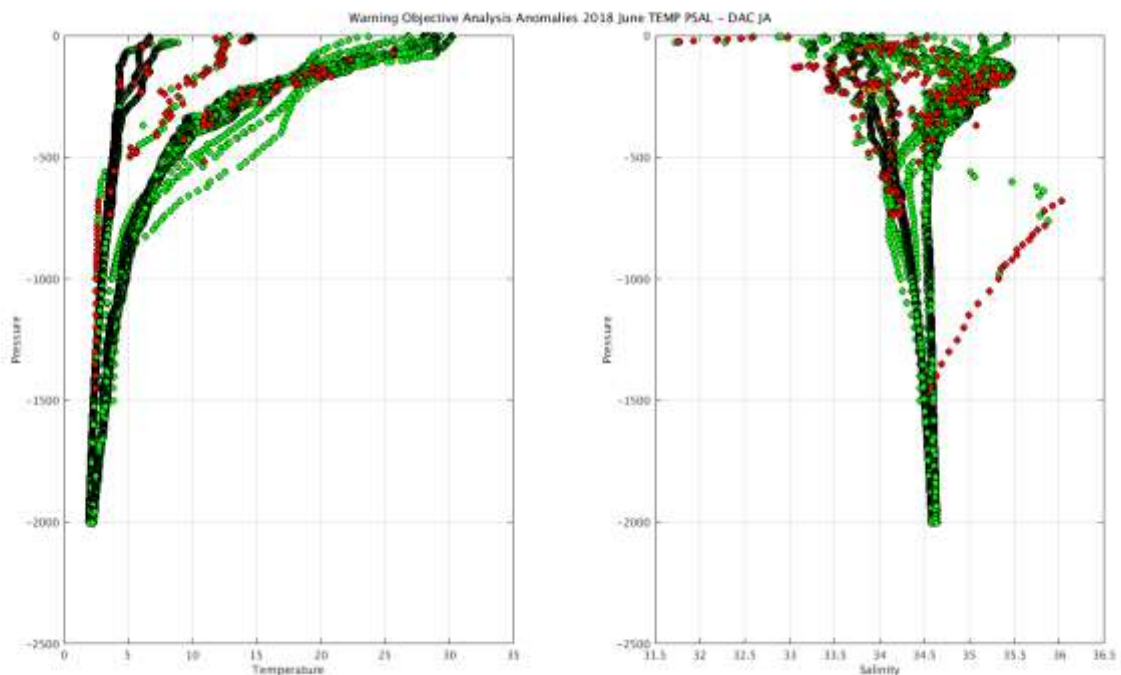
Profiles detected by the objective analysis: 15 profiles (8 floats – float can have several cycles with anomalies)

| Data_mode ='R' | Data_mode ='A' | Data_mode ='D' |
|----------------|----------------|----------------|
| 3 cycles | 12 cycles | 0 cycle |

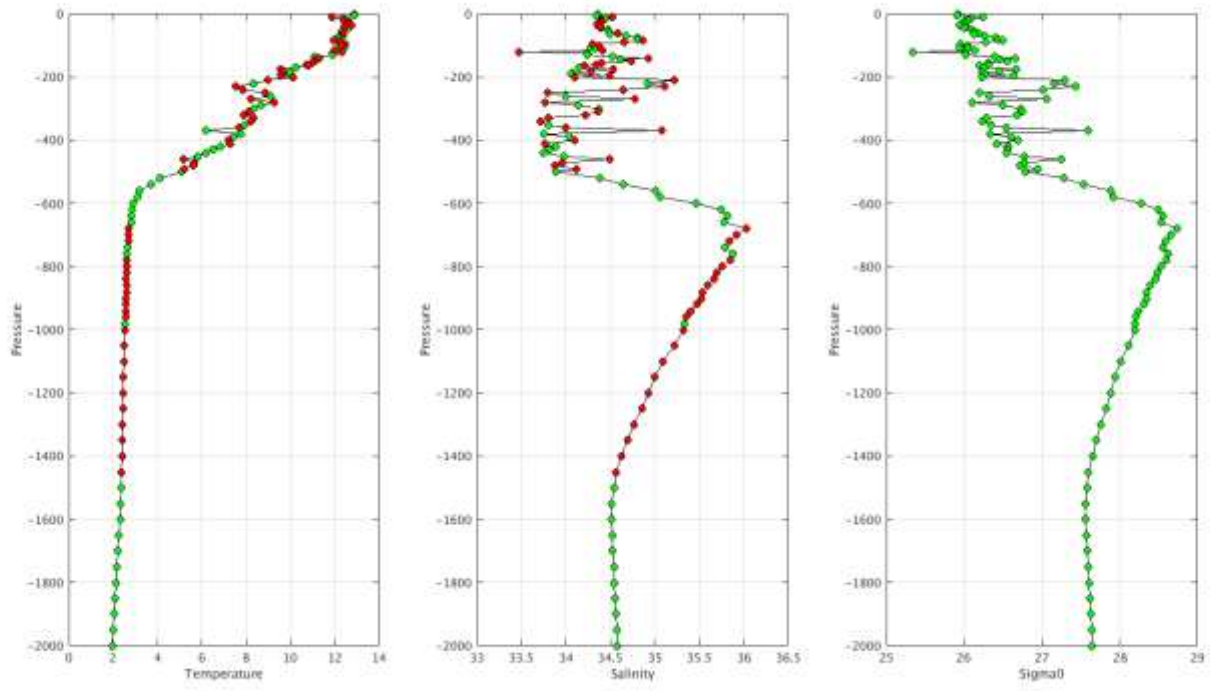


Status of corrections: Correction not yet done, few feedbacks

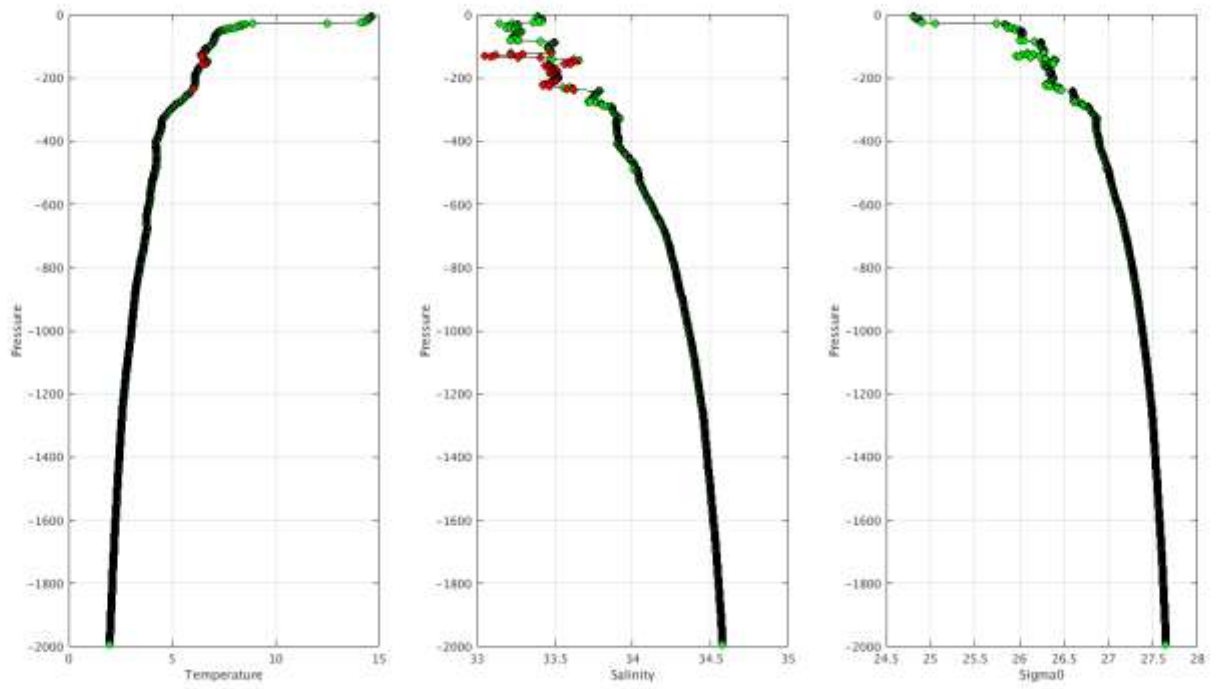
- Float : 2902454 - Cycle : 134 - PI : JAMSTEC - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : OIN-13JAP-ARL-11 - Date : 2017 4 5
- Float : 2902466 - Cycle : 139 - PI : JAMSTEC - Data mode : A - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : OIN-13JAP-ARL-18 - Date : 2017 7 3
- Float : 2902966 - Cycle : 94 - PI : JMA - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7167 - Date : 2017 6 9
- Float : 2903188 - Cycle : 14 - PI : JMA - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : AK - Date : 2017 5 15
- Float : 2903189 - Cycle : 82 - PI : JMA - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : AK - Date : 2018 6 17
- Float : 4902361 - Cycle : 45 - PI : JAMSTEC - Data mode : A - Platform type : NAVIS_A - WMO inst type : 863 - FLOAT SERIAL : 0575 - Date : 2017 5 16
- 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 : 198 - PI : JAMSTEC - Data mode : A - Platform type : NAVIS_A - WMO inst type : 863 - FLOAT SERIAL : 0563 - Date : 2017 3 11
- Float : 5905045 - Cycle : 199 - PI : JAMSTEC - Data mode : A - Platform type : NAVIS_A - WMO inst type : 863 - FLOAT SERIAL : 0563 - Date : 2017 3 13
- Float : 5905045 - Cycle : 200 - PI : JAMSTEC - Data mode : A - Platform type : NAVIS_A - WMO inst type : 863 - FLOAT SERIAL : 0563 - Date : 2017 3 15
- Float : 5905045 - Cycle : 204 - PI : JAMSTEC - Data mode : A - Platform type : NAVIS_A - WMO inst type : 863 - FLOAT SERIAL : 0563 - Date : 2017 3 23
- Float : 5905045 - Cycle : 209 - PI : JAMSTEC - Data mode : A - Platform type : NAVIS_A - WMO inst type : 863 - FLOAT SERIAL : 0563 - Date : 2017 4 2
- Float : 5905045 - Cycle : 211 - PI : JAMSTEC - Data mode : A - Platform type : NAVIS_A - WMO inst type : 863 - FLOAT SERIAL : 0563 - Date : 2017 4 6
- Float : 5905045 - Cycle : 266 - PI : JAMSTEC - Data mode : A - Platform type : NAVIS_A - WMO inst type : 863 - FLOAT SERIAL : 0563 - Date : 2017 8 18



Warning Objective Analysis Anomalies 2018 June TEMP PSAL : DAC JA - Float 2902454 - 134



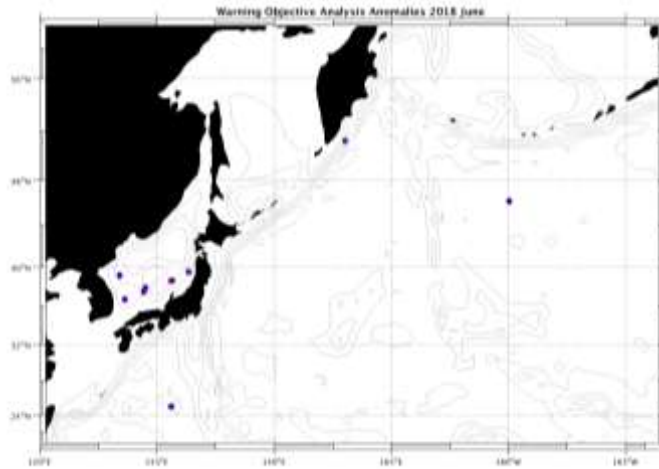
Warning Objective Analysis Anomalies 2018 June TEMP PSAL : DAC JA - Float 4902373 - 8



7. DAC KMA

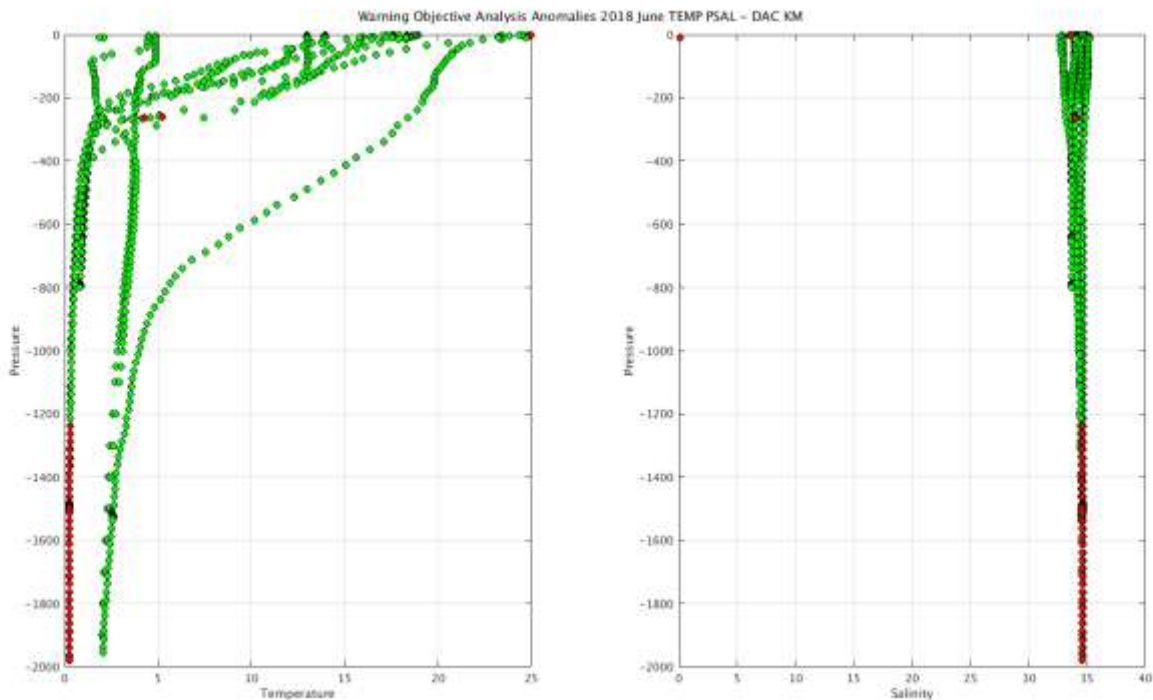
Profiles detected by the objective analysis: 10 profiles (6 floats – float can have several cycles with anomalies)

| Data_mode ='R' | Data_mode ='A' | Data_mode ='D' |
|----------------|----------------|----------------|
| 8 cycles | 2 cycles | 0 cycle |



Status of corrections: Correction not done, no feedbacks

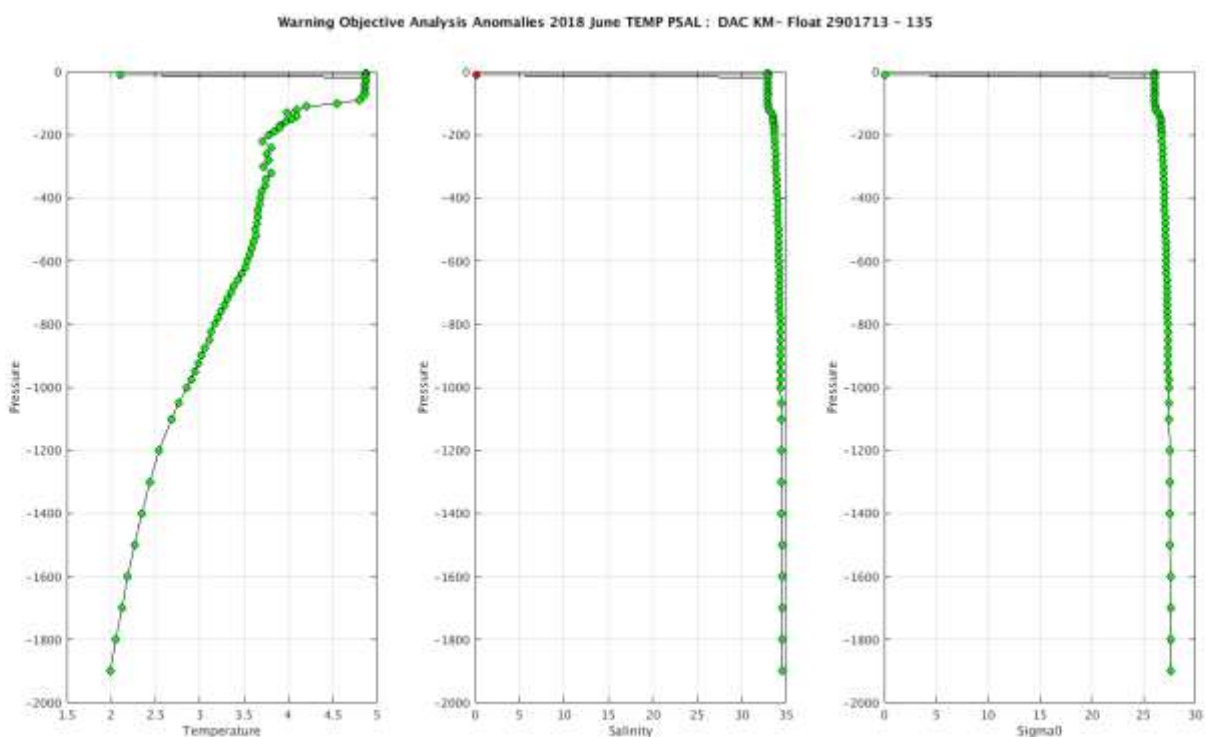
Float : 2901713 - Cycle : 135 - PI : Young-Hwa Kim - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : n/a - Date : 2017 4 14
 Float : 2901714 - Cycle : 141 - PI : Young-Hwa Kim - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : n/a - Date : 2017 6 14
 Float : 2901724 - Cycle : 140 - PI : Youngsoo Jeon - Data mode : R - Platform type : ARVOR - WMO inst type : 846 - FLOAT SERIAL : n/a - Date : 2017 4 11
 Float : 2901724 - Cycle : 177 - PI : Youngsoo Jeon - Data mode : R - Platform type : ARVOR - WMO inst type : 846 - FLOAT SERIAL : n/a - Date : 2017 12 26
 Float : 2901724 - Cycle : 199 - PI : Youngsoo Jeon - Data mode : R - Platform type : ARVOR - WMO inst type : 846 - FLOAT SERIAL : n/a - Date : 2018 5 29
 Float : 2901724 - Cycle : 201 - PI : Youngsoo Jeon - Data mode : R - Platform type : ARVOR - WMO inst type : 846 - FLOAT SERIAL : n/a - Date : 2018 6 12
 Float : 2901725 - Cycle : 161 - PI : Youngsoo Jeon - Data mode : R - Platform type : ARVOR - WMO inst type : 846 - FLOAT SERIAL : n/a - Date : 2017 9 5
 Float : 2901759 - Cycle : 67 - PI : Jaeyoung Byon - Data mode : R - Platform type : ARVOR - WMO inst type : 846 - FLOAT SERIAL : n/a - Date : 2018 5 31
 Float : 2901759 - Cycle : 69 - PI : Jaeyoung Byon - Data mode : R - Platform type : ARVOR - WMO inst type : 846 - FLOAT SERIAL : n/a - Date : 2018 6 20
 Float : 2901760 - Cycle : 26 - PI : Jaeyoung Byon - Data mode : R - Platform type : ARVOR - WMO inst type : 846 - FLOAT SERIAL : n/a - Date : 2017 4 17



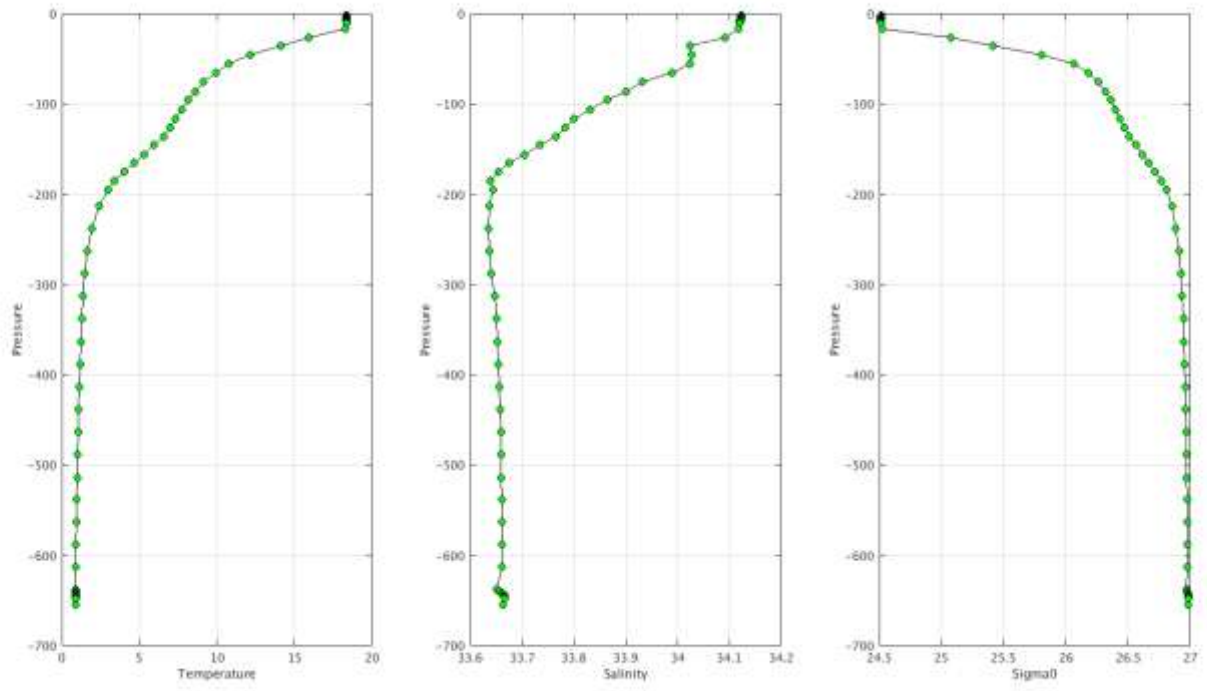
DAC_CODE,PLATFORM_CODE,CV_NUMBER,DATE_UPDATE,DIRECTION,WEB_URL,PARAMETER,START_IMMERSION,STOP_IMMERSION,OLD_QC,NEW_QC,VERTICAL_SAMPLING_SCHEME

KM,2901713,135,15/04/2017 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=52282657> ,TEMP_ADJUSTED,10.3,10.3,1,4,Primary sampling
KM,2901714,141,15/06/2017 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=52829418> ,TEMP,10.2,10.2,1,4,Primary sampling
KM,2901714,141,15/06/2017 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=52829418> ,TEMP_ADJUSTED,10.2,10.2,1,4,Primary sampling
KM,2901724,140,12/04/2017 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=52264680> ,TEMP,1,798,1,3,Primary sampling
KM,2901724,177,27/12/2017 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=54534593> ,TEMP,1,800,1,3,Primary sampling
KM,2901724,199,30/05/2018 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=59388407> ,PSAL,1,801,1,3,Primary sampling
KM,2901724,201,13/06/2018 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=59529602> ,PSAL,1,655,1,3,Primary sampling
KM,2901725,161,06/09/2017 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=53624398> ,PSAL,263,263,1,4,Primary sampling
KM,2901725,161,06/09/2017 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=53624398> ,TEMP,263,263,1,4,Primary sampling
KM,2901759,67,01/06/2018 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=59406878> ,PSAL,1,1213,1,3,Primary sampling
KM,2901759,69,21/06/2018 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=59598467> ,PSAL,1,1213,1,3,Primary sampling
KM,2901760,26,18/04/2017 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=52290575> ,PSAL,1,4,1,4,Primary sampling

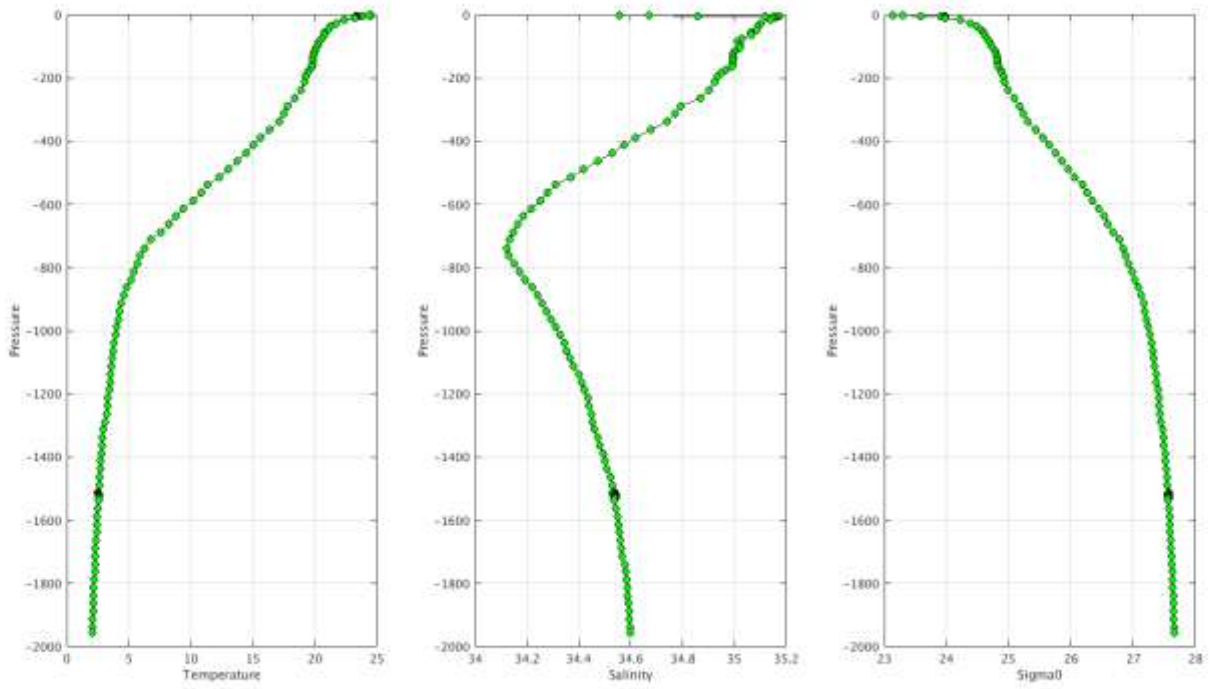
Example of anomalies:



Warning Objective Analysis Anomalies 2018 June TEMP PSAL : DAC KM- Float 2901724 - 201



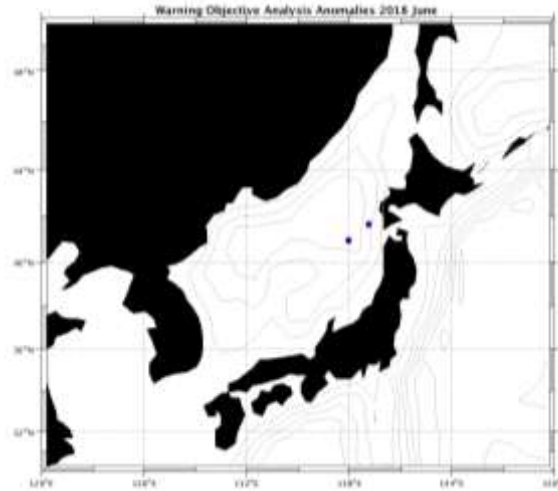
Warning Objective Analysis Anomalies 2018 June TEMP PSAL : DAC KM- Float 2901760 - 26



8. DAC KORDI/KIOST

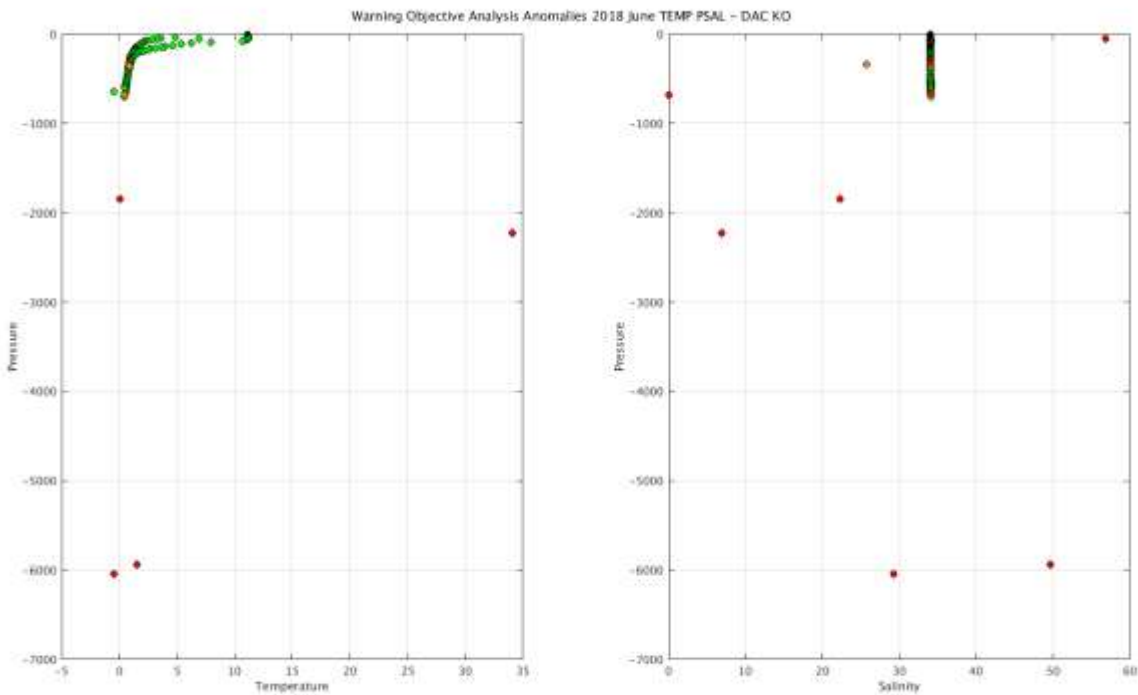
Profiles detected by the objective analysis: 2 profiles (2 floats – float can have several cycles with anomalies)

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



Status of corrections: Corrections not yet done, few feedbacks

Float : 2900451 - Cycle : 498 - PI : Moon-Sik Suk - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 1539 - Date : 2018 5 27
 Float : 2901217 - Cycle : 298 - PI : Moon-Sik Suk - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 4341 - Date : 2017 12 27

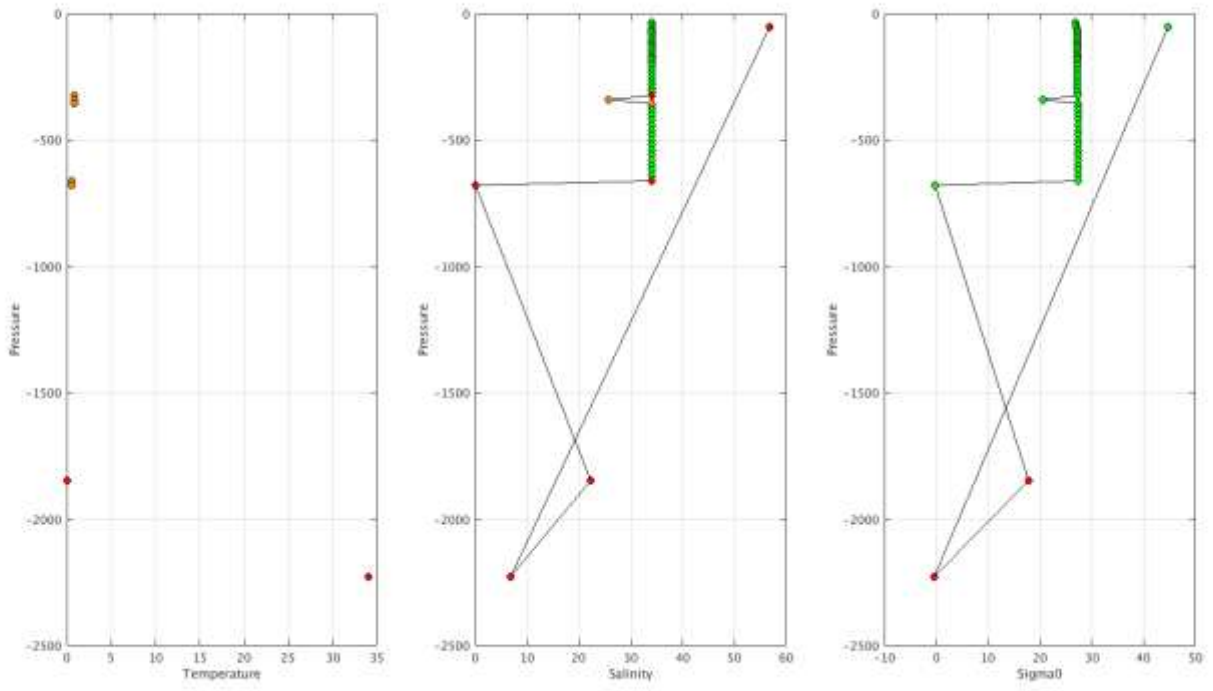


DAC_CODE,PLATFORM_CODE,CV_NUMBER,DATE_UPDATE,DIRECTION,WEB_URL,PARAMETER,START_IMMERSION,STOP_IMMERSION,OLD_QC,NEW_QC,VERTICAL_SAMPLING_SCHEME

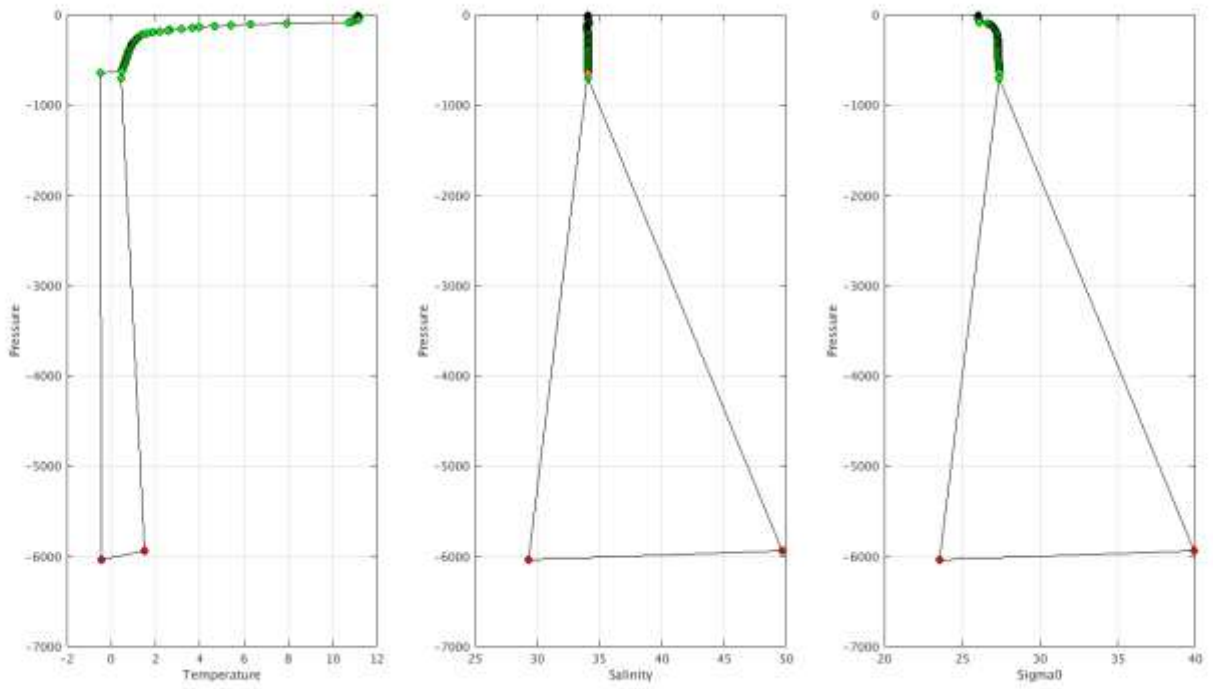
KO,2900451,498,31/05/2018 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=59358828> ,PRES,51.2,51.2,1,4,Primary sampling
 KO,2900451,498,31/05/2018 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=59358828> ,PRES_ADJUSTED,51.2,51.2,1,4,Primary sampling
 KO,2900451,498,31/05/2018 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=59358828> ,TEMP,51.2,51.2,1,4,Primary sampling
 KO,2900451,498,31/05/2018 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=59358828> ,TEMP_ADJUSTED,51.2,51.2,1,4,Primary sampling
 KO,2901217,298,30/12/2017 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=54535237> ,TEMP,639.1,639.1,1,4,Primary sampling

Example of anomalies:

Warning Objective Analysis Anomalies 2018 June TEMP PSAL : DAC KO- Float 2900451 - 498



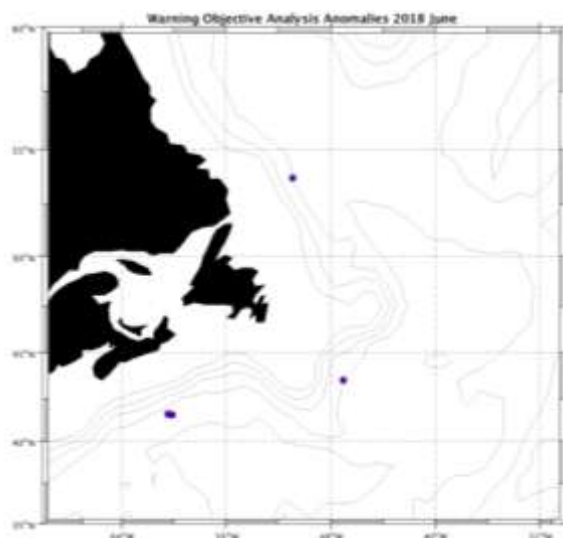
Warning Objective Analysis Anomalies 2018 June TEMP PSAL : DAC KO- Float 2901217 - 298



9. DAC MEDS

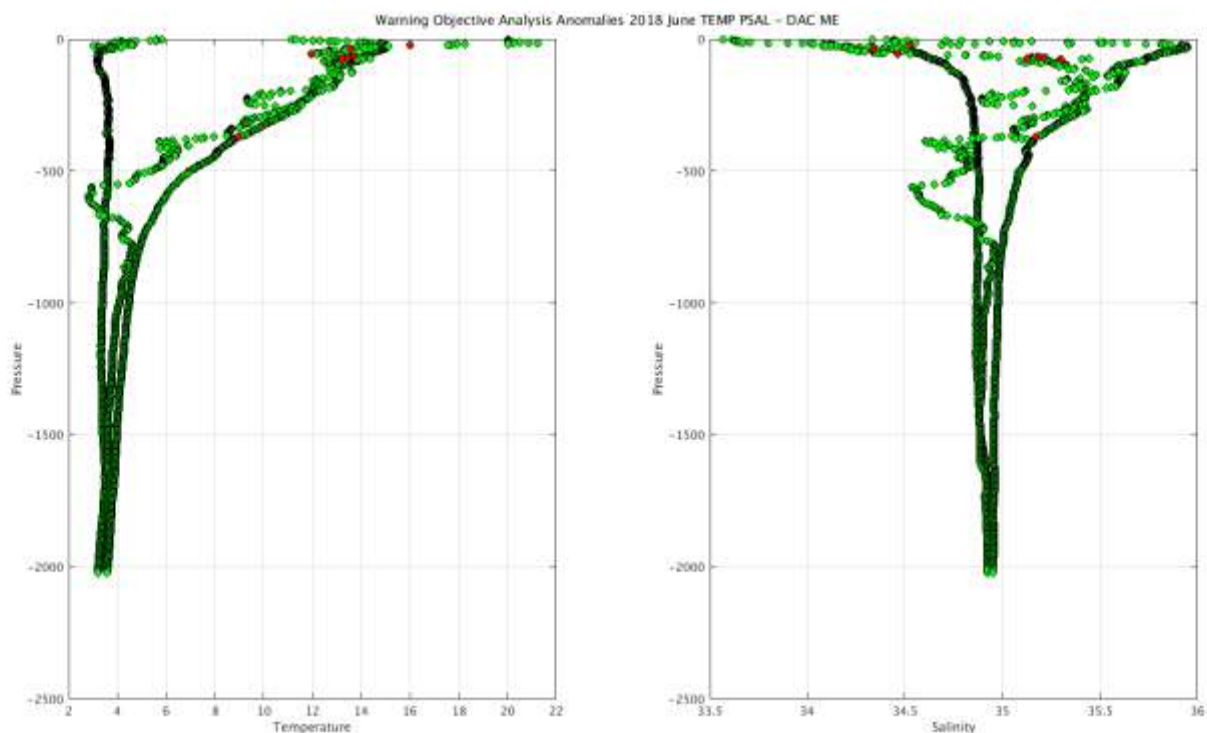
Profiles detected by the objective analysis: 4 profiles (4 floats – float can have several cycles with anomalies)

| Data_mode ='R' | Data_mode ='A' | Data_mode ='D' |
|----------------|----------------|----------------|
| 0 cycle | 3 cycles | 1 cycle |



Status of corrections: Correction done or in progress, feedback

Float : 4901783 - Cycle : 78 - PI : Blair Greenan - Data mode : A - Platform type : NOVA - WMO inst type : 865 - FLOAT SERIAL : 199 - Date : 2017 7 2
 Float : 4902381 - Cycle : 18 - PI : Blair Greenan - Data mode : D - Platform type : NOVA - WMO inst type : 865 - FLOAT SERIAL : 335 - Date : 2017 5 19
 Float : 4902393 - Cycle : 7 - PI : Blair Greenan - Data mode : A - Platform type : NOVA - WMO inst type : 865 - FLOAT SERIAL : 429 - Date : 2017 7 1
 Float : 4902394 - Cycle : 7 - PI : Blair Greenan - Data mode : A - Platform type : NOVA - WMO inst type : 865 - FLOAT SERIAL : 430 - Date : 2017 7 1

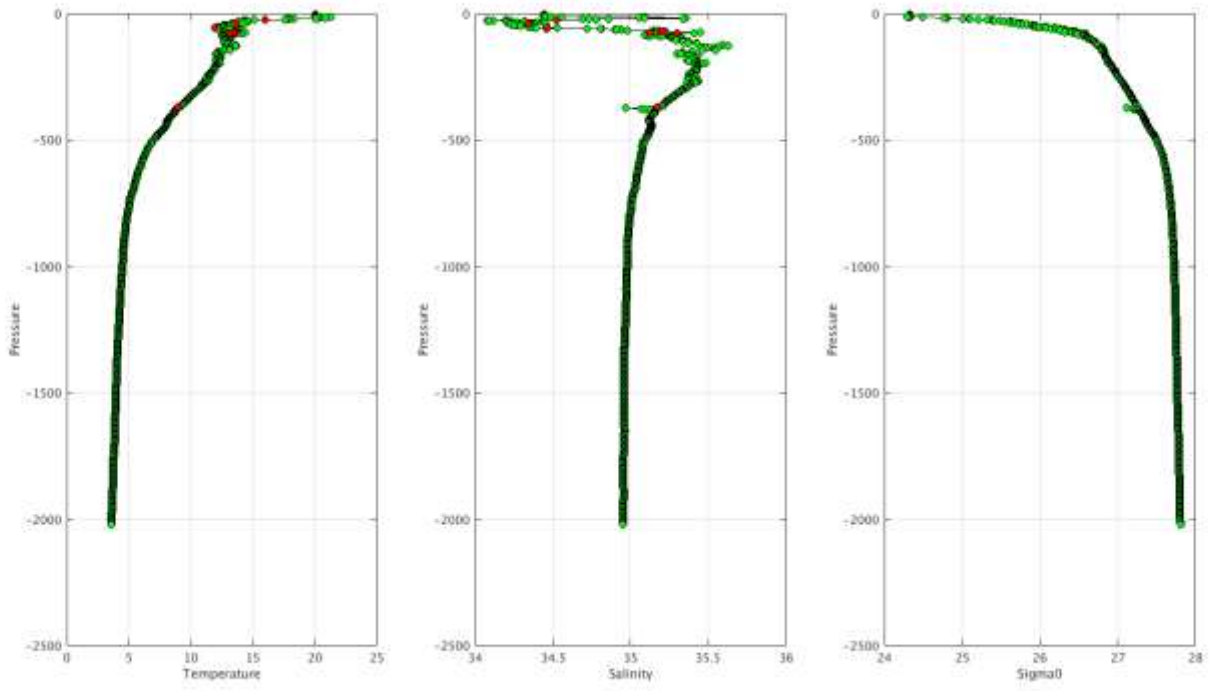


DAC_CODE,PLATFORM_CODE,CV_NUMBER,DATE_UPDATE,DIRECTION,WEB_URL,PARAMETER,START_IMMERSION,STOP_IMMERSION,OLD_QC,NEW_QC,VERTICAL_SAMPLING_SCHEME

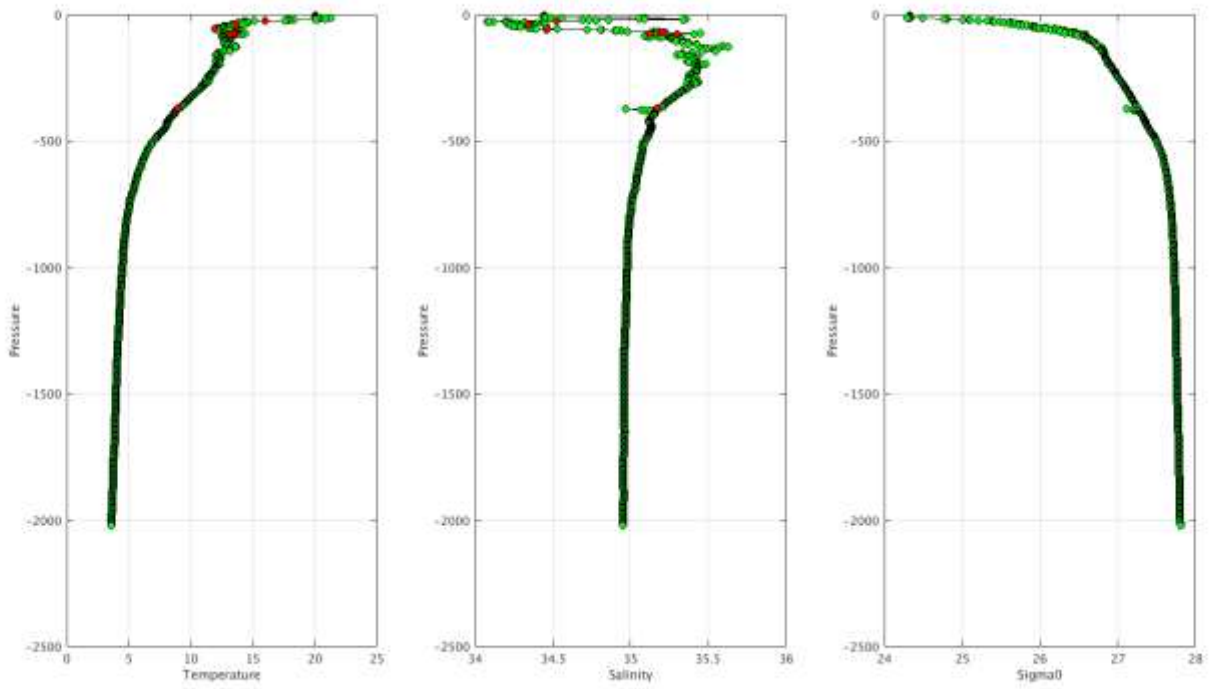
ME,4901783,78,28/05/2018 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=53005766> ,PSAL,2.1,33.1,1,3,Primary sampling

ME,4901783,78,28/05/2018 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=53005766> ,PSAL_ADJUSTED,2.1,33.1,1,3,Primary sampling

Warning Objective Analysis Anomalies 2018 June TEMP PSAL : DAC ME- Float 4902393 - 7



Warning Objective Analysis Anomalies 2018 June TEMP PSAL : DAC ME- Float 4902394 - 7



10. DAC NMDIS

Profiles detected by the objective analysis: 0

| |
|-----------------|
| INACTIVE FLOATS |
|-----------------|

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. `<wmo_number>_meta.nc | <wmo_number>_meta.nc + <wmo_number>_tech.nc`

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 monoprofile, no trajectory, no technical file)

See below the list of floats with existing nc files :

DAC name : aoml – Number of floats : 6783

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 -

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 monopofile, no trajectory)

MAINLY TRAJECTORY FILE MISSING

See below the list of floats with existing nc files :

DAC name : bodc – Number of floats : 673

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 -

1901897 - Existing nc files

File : 1901897_meta.nc - 1901897_prof.nc - 1901897_tech.nc -

1901898 - Existing nc files

File : 1901898_meta.nc - 1901898_prof.nc - 1901898_tech.nc -

1901899 - Existing nc files

File : 1901899_meta.nc - 1901899_prof.nc - 1901899_tech.nc -

1901900 - Existing nc files

File : 1901900_meta.nc - 1901900_prof.nc - 1901900_tech.nc -

1901907 - Existing nc files

File : 1901907_meta.nc - 1901907_prof.nc - 1901907_tech.nc -

1901909 - Existing nc files

File : 1901909_meta.nc - 1901909_prof.nc - 1901909_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 -

2901902 - Existing nc files

File : 2901902_meta.nc - 2901902_prof.nc - 2901902_tech.nc -

2901903 - Existing nc files

File : 2901903_meta.nc - 2901903_prof.nc - 2901903_tech.nc -

2901904 - Existing nc files

File : 2901904_meta.nc - 2901904_prof.nc - 2901904_tech.nc -

2901905 - Existing nc files

File : 2901905_meta.nc - 2901905_prof.nc - 2901905_tech.nc -

3900538 - Existing nc files

File : 3900538_meta.nc - 3900538_prof.nc - 3900538_tech.nc -

3900559 - Existing nc files

File : 3900559_meta.nc - 3900559_prof.nc - 3900559_tech.nc -

3900560 - Existing nc files

File : 3900560_meta.nc - 3900560_prof.nc - 3900560_tech.nc -

3901488 - Existing nc files

File : 3901488_meta.nc - 3901488_prof.nc - 3901488_tech.nc -

3901489 - Existing nc files

File : 3901489_meta.nc - 3901489_prof.nc - 3901489_tech.nc -

3901490 - Existing nc files

File : 3901490_meta.nc - 3901490_prof.nc - 3901490_tech.nc -

3901491 - Existing nc files

File : 3901491_meta.nc - 3901491_prof.nc - 3901491_tech.nc -

3901492 - Existing nc files

File : 3901492_meta.nc - 3901492_prof.nc - 3901492_tech.nc -

3901493 - Existing nc files

File : 3901493_meta.nc - 3901493_prof.nc - 3901493_tech.nc -

3901494 - Existing nc files

File : 3901494_meta.nc - 3901494_prof.nc - 3901494_tech.nc -

3901495 - Existing nc files

File : 3901495_meta.nc - 3901495_prof.nc - 3901495_tech.nc -

3901499 - Existing nc files

File : 3901499_meta.nc - 3901499_prof.nc - 3901499_tech.nc -

3901500 - Existing nc files

File : 3901500_meta.nc - 3901500_prof.nc - 3901500_tech.nc -

3901501 - Existing nc files

File : 3901501_meta.nc - 3901501_prof.nc - 3901501_tech.nc -

3901502 - Existing nc files

File : 3901502_meta.nc - 3901502_prof.nc - 3901502_tech.nc -

3901503 - Existing nc files

File : 3901503_meta.nc - 3901503_prof.nc - 3901503_tech.nc -

3901504 - Existing nc files

File : 3901504_meta.nc - 3901504_prof.nc - 3901504_tech.nc -

3901505 - Existing nc files

File : 3901505_meta.nc - 3901505_prof.nc - 3901505_tech.nc -

3901506 - Existing nc files

File : 3901506_meta.nc - 3901506_prof.nc - 3901506_tech.nc -

3901507 - Existing nc files

File : 3901507_meta.nc - 3901507_prof.nc - 3901507_tech.nc -

3901508 - Existing nc files

File : 3901508_meta.nc - 3901508_prof.nc - 3901508_tech.nc -

3901509 - Existing nc files

File : 3901509_meta.nc - 3901509_prof.nc - 3901509_tech.nc -

3901510 - Existing nc files

File : 3901510_meta.nc - 3901510_prof.nc - 3901510_tech.nc -

3901511 - Existing nc files

File : 3901511_meta.nc - 3901511_prof.nc - 3901511_tech.nc -

3901512 - Existing nc files

File : 3901512_meta.nc - 3901512_prof.nc - 3901512_tech.nc -

3901513 - Existing nc files

File : 3901513_meta.nc - 3901513_prof.nc - 3901513_tech.nc -

3901514 - Existing nc files

File : 3901514_meta.nc - 3901514_prof.nc - 3901514_tech.nc -

3901515 - Existing nc files

File : 3901515_meta.nc - 3901515_prof.nc - 3901515_tech.nc -

3901516 - Existing nc files

File : 3901516_meta.nc - 3901516_prof.nc - 3901516_tech.nc -

3901517 - Existing nc files

File : 3901517_meta.nc - 3901517_prof.nc - 3901517_tech.nc -

3901519 - Existing nc files

File : 3901519_meta.nc - 3901519_prof.nc - 3901519_tech.nc -

3901520 - Existing nc files

File : 3901520_meta.nc - 3901520_prof.nc - 3901520_tech.nc -

3901521 - Existing nc files

File : 3901521_meta.nc - 3901521_prof.nc - 3901521_tech.nc -

3901522 - Existing nc files

File : 3901522_meta.nc - 3901522_prof.nc - 3901522_tech.nc -

3901523 - Existing nc files

File : 3901523_meta.nc - 3901523_prof.nc - 3901523_tech.nc -

3901524 - Existing nc files

File : 3901524_meta.nc - 3901524_prof.nc - 3901524_tech.nc -

3901525 - Existing nc files

File : 3901525_meta.nc - 3901525_prof.nc - 3901525_tech.nc -

3901526 - Existing nc files

File : 3901526_meta.nc - 3901526_prof.nc - 3901526_tech.nc -

3901527 - Existing nc files

File : 3901527_meta.nc - 3901527_prof.nc - 3901527_tech.nc -

3901528 - Existing nc files

File : 3901528_meta.nc - 3901528_prof.nc - 3901528_tech.nc -

3901529 - Existing nc files

File : 3901529_meta.nc - 3901529_prof.nc - 3901529_tech.nc -

3901532 - Existing nc files

File : 3901532_meta.nc - 3901532_prof.nc - 3901532_tech.nc -

3901533 - Existing nc files

File : 3901533_meta.nc - 3901533_prof.nc - 3901533_tech.nc -

3901534 - Existing nc files

File : 3901534_meta.nc - 3901534_prof.nc - 3901534_tech.nc -

3901535 - Existing nc files

File : 3901535_meta.nc - 3901535_prof.nc - 3901535_tech.nc -

3901536 - Existing nc files

File : 3901536_meta.nc - 3901536_prof.nc - 3901536_tech.nc -

3901537 - Existing nc files

File : 3901537_meta.nc - 3901537_prof.nc - 3901537_tech.nc -

3901538 - Existing nc files

File : 3901538_meta.nc - 3901538_prof.nc - 3901538_tech.nc -

3901539 - Existing nc files

File : 3901539_meta.nc - 3901539_prof.nc - 3901539_tech.nc -

49065 - Existing nc files

File : 49065_meta.nc - 49065_prof.nc - 49065_tech.nc -

6901153 - Existing nc files

File : 6901153_meta.nc - 6901153_prof.nc - 6901153_tech.nc -

6901155 - Existing nc files

File : 6901155_meta.nc - 6901155_prof.nc - 6901155_tech.nc -

6901156 - Existing nc files

File : 6901156_meta.nc - 6901156_prof.nc - 6901156_tech.nc -

6901160 - Existing nc files

File : 6901160_meta.nc - 6901160_prof.nc - 6901160_tech.nc -

6901161 - Existing nc files

File : 6901161_meta.nc - 6901161_prof.nc - 6901161_tech.nc -

6901162 - Existing nc files

File : 6901162_meta.nc - 6901162_prof.nc - 6901162_tech.nc -

6901163 - Existing nc files

File : 6901163_meta.nc - 6901163_prof.nc - 6901163_tech.nc -

6901164 - Existing nc files

File : 6901164_meta.nc - 6901164_prof.nc - 6901164_tech.nc -

6901165 - Existing nc files

File : 6901165_meta.nc - 6901165_prof.nc - 6901165_tech.nc -

6901166 - Existing nc files

File : 6901166_meta.nc - 6901166_prof.nc - 6901166_tech.nc -

6901168 - Existing nc files

File : 6901168_meta.nc - 6901168_prof.nc - 6901168_tech.nc -

6901169 - Existing nc files

File : 6901169_meta.nc - 6901169_prof.nc - 6901169_tech.nc -

6901170 - Existing nc files

File : 6901170_meta.nc - 6901170_prof.nc - 6901170_tech.nc -

6901171 - Existing nc files

File : 6901171_meta.nc - 6901171_prof.nc - 6901171_tech.nc -

6901172 - Existing nc files

File : 6901172_meta.nc - 6901172_prof.nc - 6901172_tech.nc -

6901173 - Existing nc files

File : 6901173_meta.nc - 6901173_prof.nc - 6901173_tech.nc -

6901176 - Existing nc files

File : 6901176_meta.nc - 6901176_prof.nc - 6901176_tech.nc -

6901177 - Existing nc files

File : 6901177_meta.nc - 6901177_prof.nc - 6901177_tech.nc -

6901178 - Existing nc files

File : 6901178_meta.nc - 6901178_prof.nc - 6901178_tech.nc -

6901179 - Existing nc files

File : 6901179_meta.nc - 6901179_prof.nc - 6901179_tech.nc -

6901189 - Existing nc files

File : 6901189_meta.nc - 6901189_prof.nc - 6901189_tech.nc -

6901190 - Existing nc files

File : 6901190_meta.nc - 6901190_prof.nc - 6901190_tech.nc -

6901192 - Existing nc files

File : 6901192_meta.nc - 6901192_prof.nc - 6901192_tech.nc -

6901194 - Existing nc files

File : 6901194_meta.nc - 6901194_prof.nc - 6901194_tech.nc -

6901195 - Existing nc files

File : 6901195_meta.nc - 6901195_prof.nc - 6901195_tech.nc -

6901196 - Existing nc files

File : 6901196_meta.nc - 6901196_prof.nc - 6901196_tech.nc -

6901197 - Existing nc files

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

6901198 - Existing nc files

File : 6901198_meta.nc - 6901198_prof.nc - 6901198_tech.nc -

6901199 - Existing nc files

File : 6901199_meta.nc - 6901199_prof.nc - 6901199_tech.nc -

6901200 - Existing nc files

File : 6901200_meta.nc - 6901200_prof.nc - 6901200_tech.nc -

6901201 - Existing nc files

File : 6901201_meta.nc - 6901201_prof.nc - 6901201_tech.nc -

6901202 - Existing nc files

File : 6901202_meta.nc - 6901202_prof.nc - 6901202_tech.nc -

6901205 - Existing nc files

File : 6901205_meta.nc - 6901205_prof.nc - 6901205_tech.nc -

6901206 - Existing nc files

File : 6901206_meta.nc - 6901206_prof.nc - 6901206_tech.nc -

6901919 - Existing nc files

File : 6901919_meta.nc - 6901919_prof.nc - 6901919_tech.nc -

6901920 - Existing nc files

File : 6901920_meta.nc - 6901920_prof.nc - 6901920_tech.nc -

6901921 - Existing nc files

File : 6901921_meta.nc - 6901921_prof.nc - 6901921_tech.nc -

6901922 - Existing nc files

File : 6901922_meta.nc - 6901922_prof.nc - 6901922_tech.nc -

6901923 - Existing nc files

File : 6901923_meta.nc - 6901923_prof.nc - 6901923_tech.nc -

6901924 - Existing nc files

File : 6901924_meta.nc - 6901924_prof.nc - 6901924_tech.nc -

6901925 - Existing nc files

File : 6901925_meta.nc - 6901925_prof.nc - 6901925_tech.nc -

6901926 - Existing nc files

File : 6901926_meta.nc - 6901926_prof.nc - 6901926_tech.nc -

6901927 - Existing nc files

File : 6901927_meta.nc - 6901927_prof.nc - 6901927_tech.nc -

6901928 - Existing nc files

File : 6901928_meta.nc - 6901928_prof.nc - 6901928_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 : 2671

1900380 - Existing nc files

File : 1900380_Rtraj.nc - 1900380_meta.nc - 1900380_tech.nc -

1901216 - Existing nc files

File : 1901216_Rtraj.nc - 1901216_meta.nc - 1901216_tech.nc -

5903129 - Existing nc files

File : 5903129_Rtraj.nc - 5903129_meta.nc - 5903129_tech.nc -

6900215 - Existing nc files

File : 6900215_meta.nc - 6900215_prof.nc - 6900215_tech.nc -

6900217 - Existing nc files

File : 6900217_meta.nc - 6900217_prof.nc - 6900217_tech.nc -

6900831 - Existing nc files

File : 6900831_Rtraj.nc - 6900831_meta.nc - 6900831_tech.nc -

6900940 - Existing nc files

File : 6900940_Rtraj.nc - 6900940_meta.nc - 6900940_tech.nc -

6901000 - Existing nc files

File : 6901000_Rtraj.nc - 6901000_meta.nc - 6901000_tech.nc -

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 -

6903226 - Existing nc files

File : 6903226_Rtraj.nc - 6903226_meta.nc - 6903226_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 : 396

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 -

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 : 817

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 -

5905389 - Existing nc files

File : 5905389_meta.nc - 5905389_prof.nc - 5905389_tech.nc -

5905390 - Existing nc files

File : 5905390_meta.nc - 5905390_prof.nc - 5905390_tech.nc -

5905393 - Existing nc files

File : 5905393_meta.nc - 5905393_prof.nc - 5905393_tech.nc -

5905394 - Existing nc files

File : 5905394_meta.nc - 5905394_prof.nc - 5905394_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 : 450

2900268 - Existing nc files

File : 2900268_Rtraj.nc - 2900268_meta.nc - 2900268_prof.nc -

2900275 - Existing nc files
File : 2900275_Rtraj.nc - 2900275_meta.nc - 2900275_prof.nc -

2900767 - Existing nc files
File : 2900767_meta.nc - 2900767_prof.nc - 2900767_tech.nc -

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

2902229 - Existing nc files
File : 2902229_meta.nc - 2902229_prof.nc - 2902229_tech.nc -

2902230 - Existing nc files
File : 2902230_meta.nc - 2902230_prof.nc - 2902230_tech.nc -

2902231 - Existing nc files
File : 2902231_meta.nc - 2902231_prof.nc - 2902231_tech.nc -

2902232 - Existing nc files
File : 2902232_meta.nc - 2902232_prof.nc - 2902232_tech.nc -

2902233 - Existing nc files
File : 2902233_meta.nc - 2902233_prof.nc - 2902233_tech.nc -

2902234 - Existing nc files
File : 2902234_meta.nc - 2902234_prof.nc - 2902234_tech.nc -

2902235 - Existing nc files
File : 2902235_meta.nc - 2902235_prof.nc - 2902235_tech.nc -

2902236 - Existing nc files
File : 2902236_meta.nc - 2902236_prof.nc - 2902236_tech.nc -

2902246 - Existing nc files
File : 2902246_meta.nc - 2902246_prof.nc - 2902246_tech.nc -

2902248 - Existing nc files
File : 2902248_meta.nc - 2902248_prof.nc - 2902248_tech.nc -

2902249 - Existing nc files
File : 2902249_meta.nc - 2902249_prof.nc - 2902249_tech.nc -

2902250 - Existing nc files
File : 2902250_meta.nc - 2902250_prof.nc - 2902250_tech.nc -

2902251 - Existing nc files
File : 2902251_meta.nc - 2902251_prof.nc - 2902251_tech.nc -

2902252 - Existing nc files
File : 2902252_meta.nc - 2902252_prof.nc - 2902252_tech.nc -

2902253 - Existing nc files
File : 2902253_meta.nc - 2902253_prof.nc - 2902253_tech.nc -

2902254 - Existing nc files
File : 2902254_meta.nc - 2902254_prof.nc - 2902254_tech.nc -

2902255 - Existing nc files
File : 2902255_meta.nc - 2902255_prof.nc - 2902255_tech.nc -

2902256 - Existing nc files
File : 2902256_meta.nc - 2902256_prof.nc - 2902256_tech.nc -

2902257 - Existing nc files
File : 2902257_meta.nc - 2902257_prof.nc - 2902257_tech.nc -

2902258 - Existing nc files
File : 2902258_meta.nc - 2902258_prof.nc - 2902258_tech.nc -

2902259 - Existing nc files
File : 2902259_meta.nc - 2902259_prof.nc - 2902259_tech.nc -

2902260 - Existing nc files
File : 2902260_meta.nc - 2902260_prof.nc - 2902260_tech.nc -

2902261 - Existing nc files
File : 2902261_meta.nc - 2902261_prof.nc - 2902261_tech.nc -

2902262 - Existing nc files
File : 2902262_meta.nc - 2902262_prof.nc - 2902262_tech.nc -

7654321 - Existing nc files
File : 7654321_meta.nc - 7654321_prof.nc

11.7. JMA

Feedback sent by Wataru.(some 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

| | | |
|----------------|----------------|----------------|
| 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 : 1592

1902074 - Existing nc files

File : 1902074_meta.nc - 1902074_prof.nc -

1902075 - Existing nc files

File : 1902075_meta.nc - 1902075_prof.nc -

2901998 - Existing nc files

File : 2901998_meta.nc - 2901998_prof.nc -

2902455 - Existing nc files

File : 2902455_Rtraj.nc - 2902455_meta.nc - 2902455_tech.nc -

2902469 - Existing nc files

File : 2902469_Rtraj.nc - 2902469_meta.nc - 2902469_tech.nc -

2902508 - Existing nc files

File : 2902508_meta.nc - 2902508_prof.nc -

2902509 - Existing nc files

File : 2902509_meta.nc - 2902509_prof.nc -

2902510 - Existing nc files

File : 2902510_meta.nc - 2902510_prof.nc -

2902529 - Existing nc files

File : 2902529_Mprof.nc - 2902529_meta.nc - 2902529_prof.nc -

2902530 - Existing nc files

File : 2902530_Mprof.nc - 2902530_meta.nc - 2902530_prof.nc -

2902971 - Existing nc files

File : 2902971_meta.nc - 2902971_prof.nc -

2902977 - Existing nc files

File : 2902977_Rtraj.nc - 2902977_meta.nc - 2902977_tech.nc -

2902978 - Existing nc files

File : 2902978_Rtraj.nc - 2902978_meta.nc - 2902978_tech.nc -

2903006 - Existing nc files

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

2903007 - Existing nc files

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

2903008 - Existing nc files

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

2903009 - Existing nc files

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

2903010 - Existing nc files

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

2903011 - Existing nc files

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

2903012 - Existing nc files

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

2903013 - Existing nc files

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

2903014 - Existing nc files

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

2903165 - Existing nc files

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

2903166 - Existing nc files

File : 2903166_Mprof.nc - 2903166_meta.nc - 2903166_prof.nc -

2903167 - Existing nc files

File : 2903167_Mprof.nc - 2903167_meta.nc - 2903167_prof.nc -

2903168 - Existing nc files

File : 2903168_Mprof.nc - 2903168_meta.nc - 2903168_prof.nc -

2903169 - Existing nc files

File : 2903169_Mprof.nc - 2903169_meta.nc - 2903169_prof.nc -

2903170 - Existing nc files

File : 2903170_Mprof.nc - 2903170_meta.nc - 2903170_prof.nc -

2903171 - Existing nc files

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

2903172 - Existing nc files

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

2903173 - Existing nc files

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

2903174 - Existing nc files

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

2903175 - Existing nc files

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

2903176 - Existing nc files

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

2903210 - Existing nc files

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

4900293 - Existing nc files

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

4902378 - Existing nc files

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

5900277 - Existing nc files

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

5901582 - Existing nc files

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

5901937 - Existing nc files

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

5904937 - Existing nc files

File : 5904937_meta.nc - 5904937_prof.nc -

5905233 - Existing nc files

File : 5905233_meta.nc - 5905233_prof.nc -

7900024 - Existing nc files

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

7900025 - Existing nc files

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

7900599 - Existing nc files

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

7900600 - Existing nc files

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

7900601 - Existing nc files

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

7900652 - Existing nc files

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

7900653 - Existing nc files

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

7900654 - Existing nc files

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

7900655 - Existing nc files

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

7900657 - Existing nc files

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

7900658 - Existing nc files

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

7900660 - Existing nc files

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

7900691 - Existing nc files

File : 7900691_meta.nc - 7900691_prof.nc

11.8. KMA

For some floats :

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

See below the list of floats with existing nc files :

DAC name : kma – Number of floats : 227

2901213 - Existing nc files

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

-

2901705 - Existing nc files

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

11.9. KORDI/KIOST

For some floats :

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

See below the list of floats with existing nc files :

DAC name : kordi – Number of floats : 121

2900793 - Existing nc files

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

2901779 - Existing nc files

File : 2901779_meta.nc - 2901779_prof.nc - 2901779_tech.nc -

2901780 - Existing nc files

File : 2901780_meta.nc - 2901780_prof.nc - 2901780_tech.nc -

3900078 - Existing nc files

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

3900079 - Existing nc files

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

3900081 - Existing nc files

File : 3900081_Rtraj.nc - 3900081_meta.nc

Files in real time mixed with DM files (cycle 1 to 371):

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 : 483

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

- 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 | |

12.8. KORDI/KIOST

DM files – 2900204 DMQC for this float till cycle 371 but still R files waiting for DMQC : Cycles 000, 009, 010, 088, 092, 117, 179, 223, 225, 286, 345, 352, 358, 368

12.9. NMDIS

DM files – data_state_indicator="2C" but data_mode="R" and R*.nc -

For floats : 2901615 – 2901631 – 2901632

2901615 ex. Cycle 58, ...

DATA_STATE_INDICATOR = "2C " ;

DATA_MODE = "R" ;

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

netcdf R2901632_056 {

DATA_STATE_INDICATOR = "2C " ;

DATA_MODE = "R" ;

PRES_ADJUSTED =

0.0, 5.0, 16.0, 26.0, 36.0, 46.0, 56.0,

PSAL_ADJUSTED =

34.687, 34.694, 34.684, 34.670, 34.664, 34.657, 34.658,

TEMP_ADJUSTED =

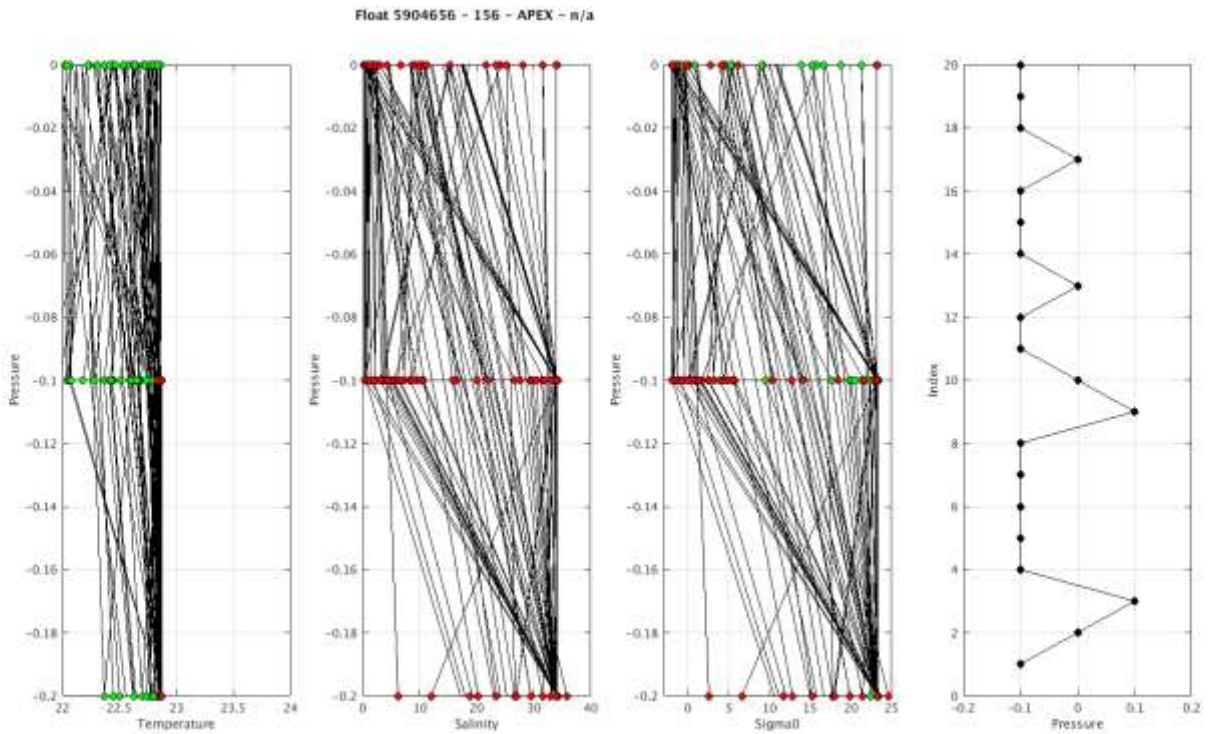
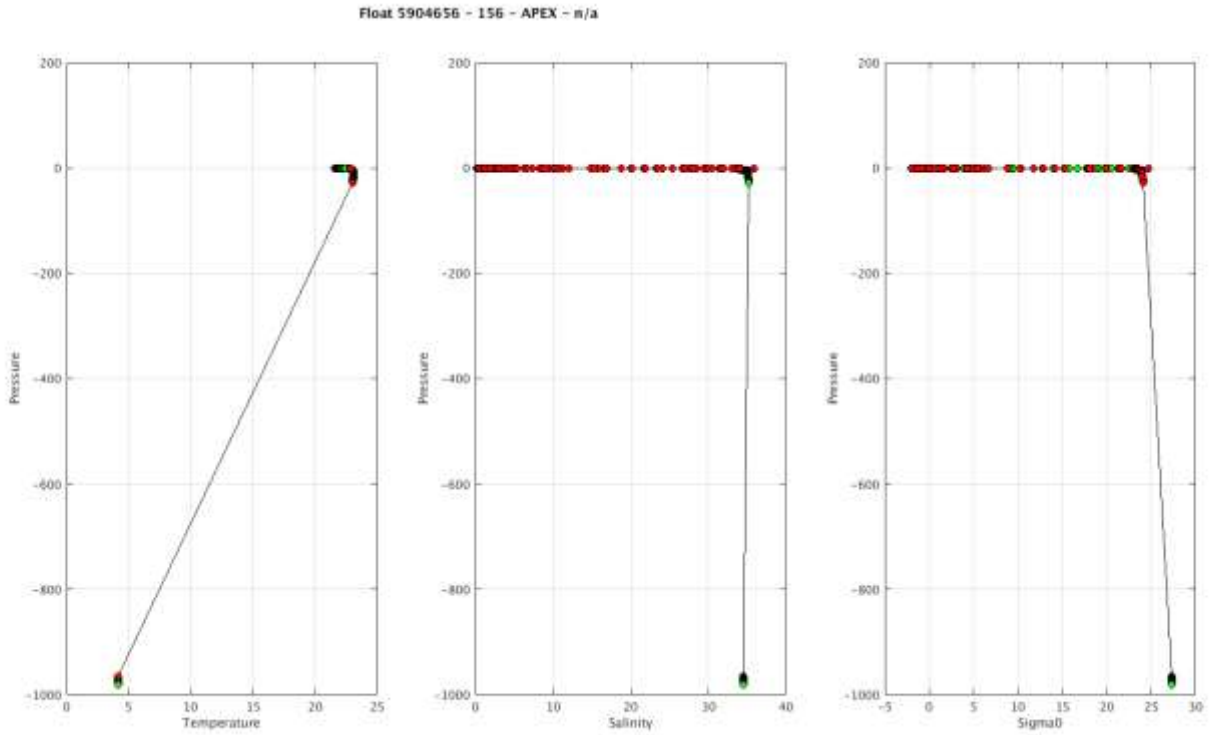
18.364, 18.379, 18.277, 18.115, 18.069, 18.007, 17.965,

SCIENTIFIC_CALIB_COMMENT =

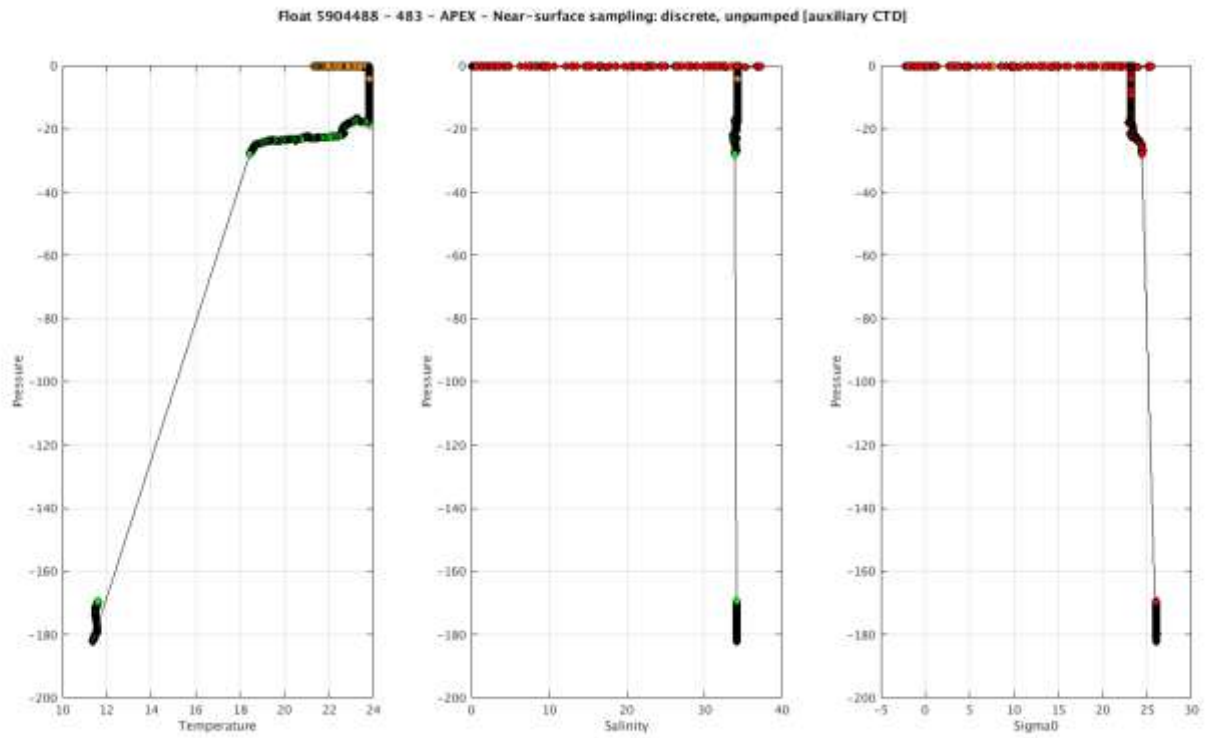
13. Automatic Tests (December 2017)

1. Near-surface sampling scheme

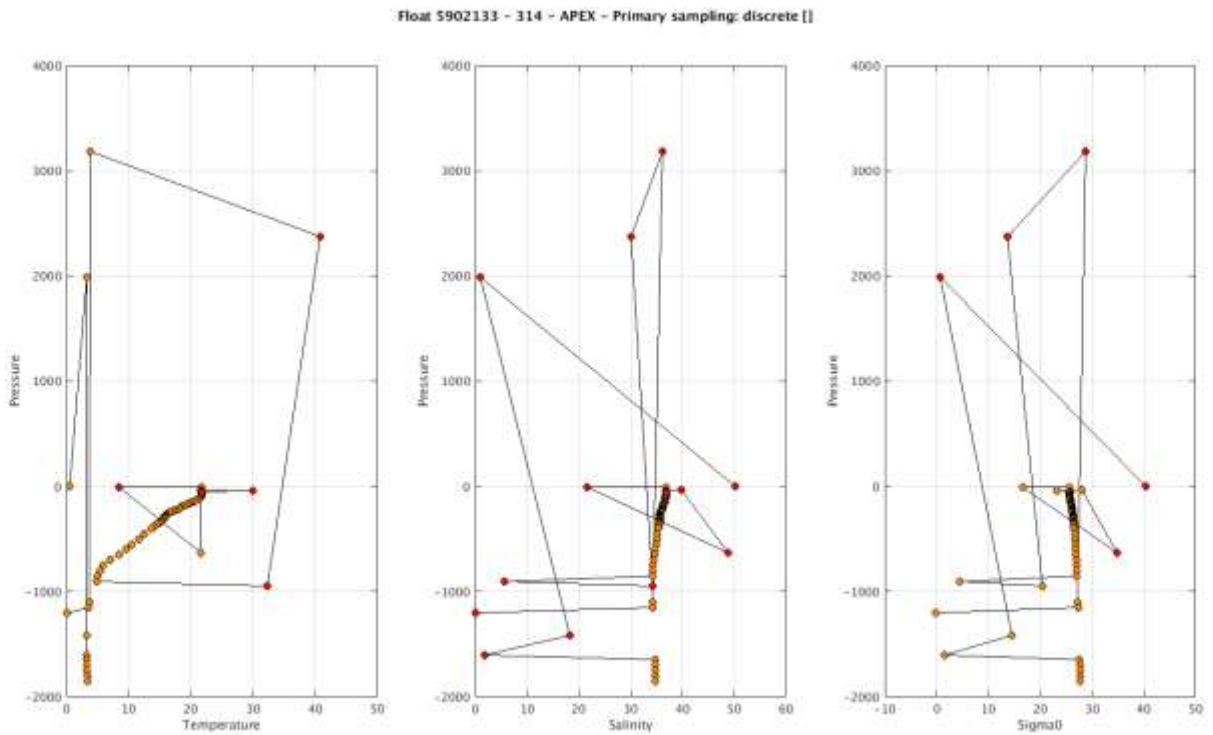
Some profiles with a sampling scheme corresponding to the near surface data show not appropriated QC on measurement. Following the Argo Quality control Manual for CTD and Trajectory data, there is 2 tests (test 21 and test 2) that should be applied to those specialized near-surface data. Especially, when pressure values decrease not monotonically with time, levels should be flagged as 'probably bad data' for all the paramters and it seems this is not the case for some examples. See plots below (especially plot showing pressure versus index).



2. Strange profiles going through all the automatic tests :



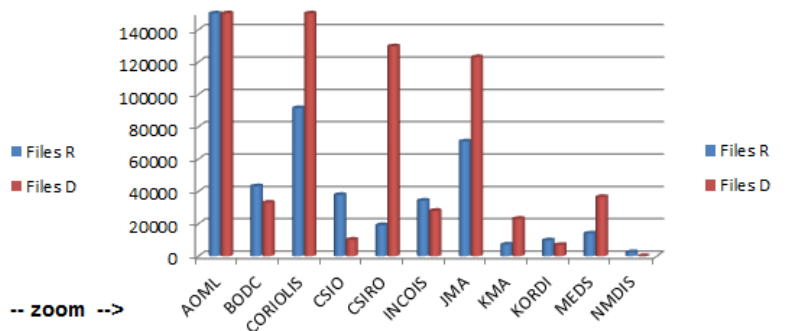
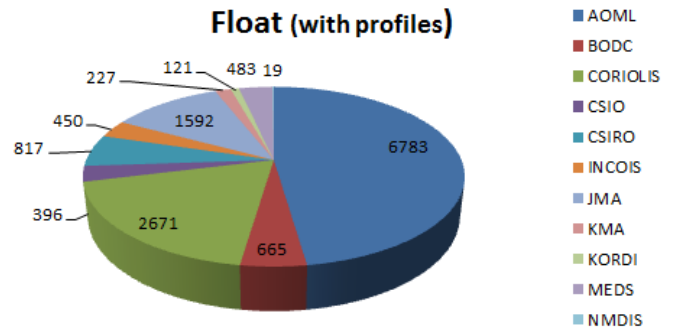
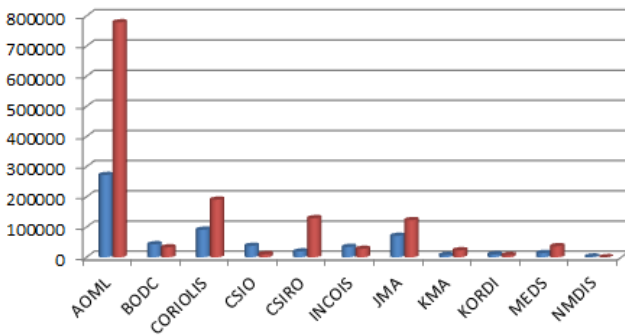
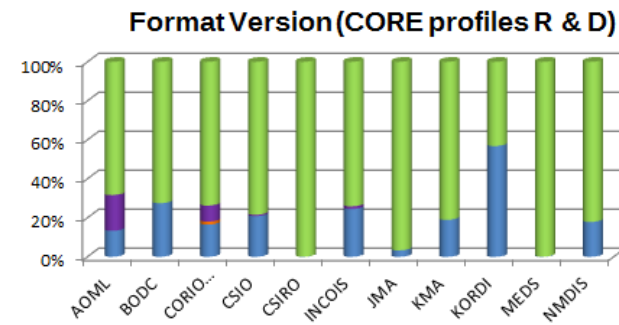
Profiles with strange groups of measurements like a strong decoding (may be some measurements should be in trajectory and not in the vertical profile).



Problems of decoding

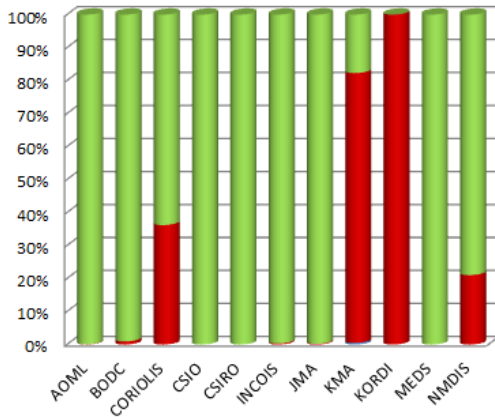
14. Statistics on floats and format version (End of June 2018)

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

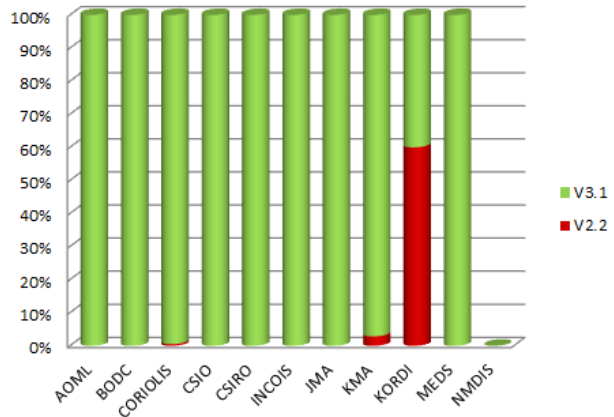


Plots showing format_version percentage, for metadata-technical-trajectory and core profiles following dead or active floats.

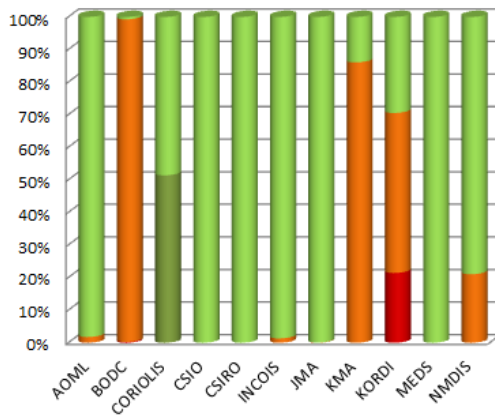
Metadata Files - Dead floats



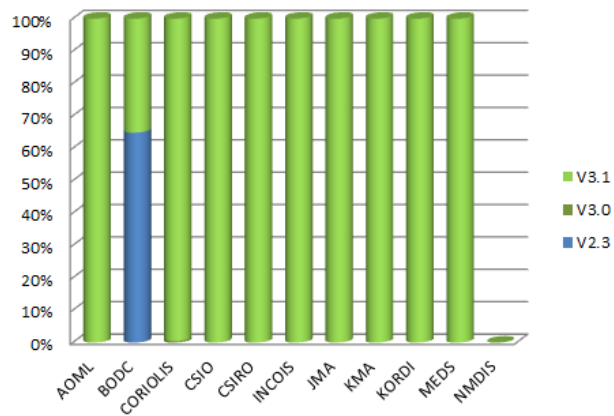
Metadata Files - Active floats



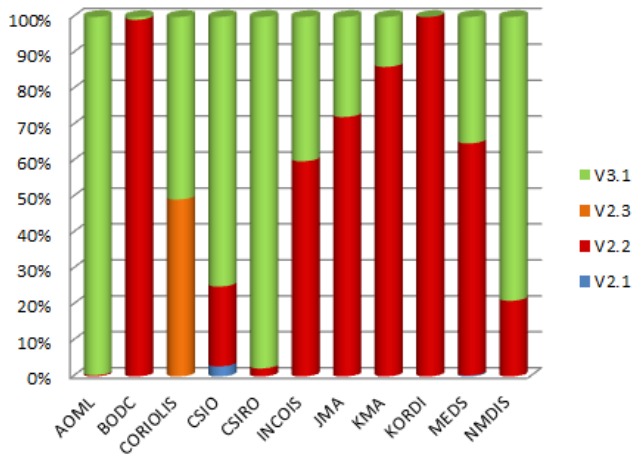
Technical Files - Dead floats



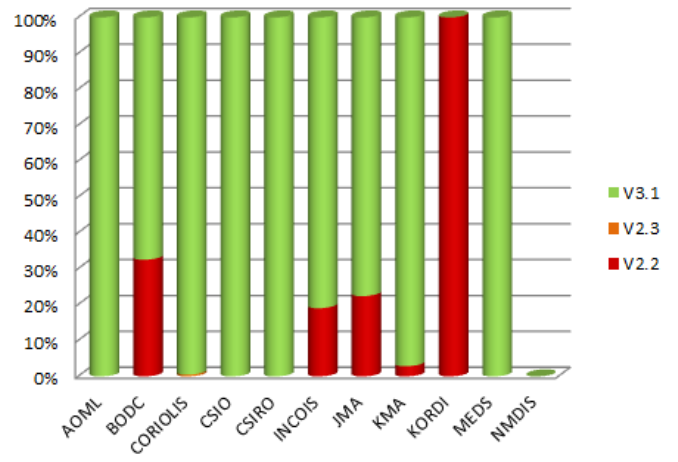
Technical Files - Active floats



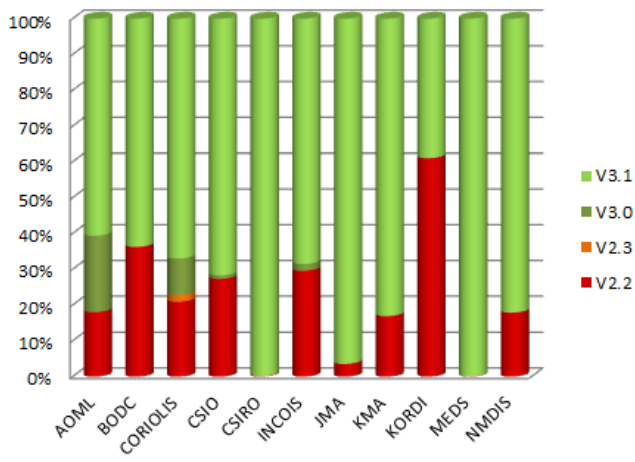
Trajectory Files - Dead floats



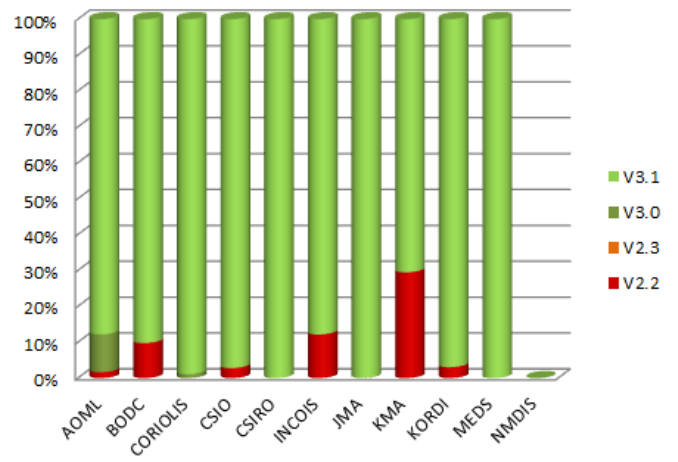
Trajectory Files - Active floats



Profile files - Dead floats

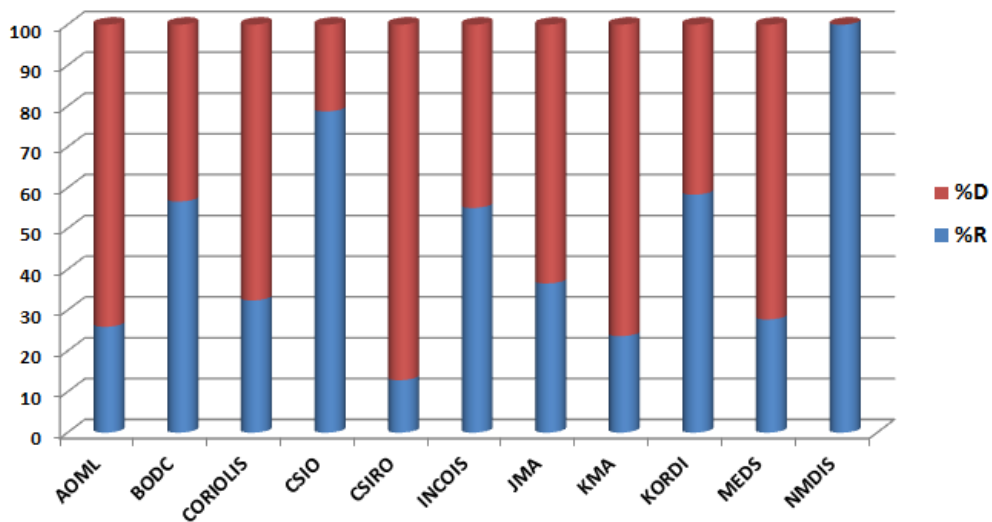


Profile Files - Active floats



Delayed mode percentage by DAC

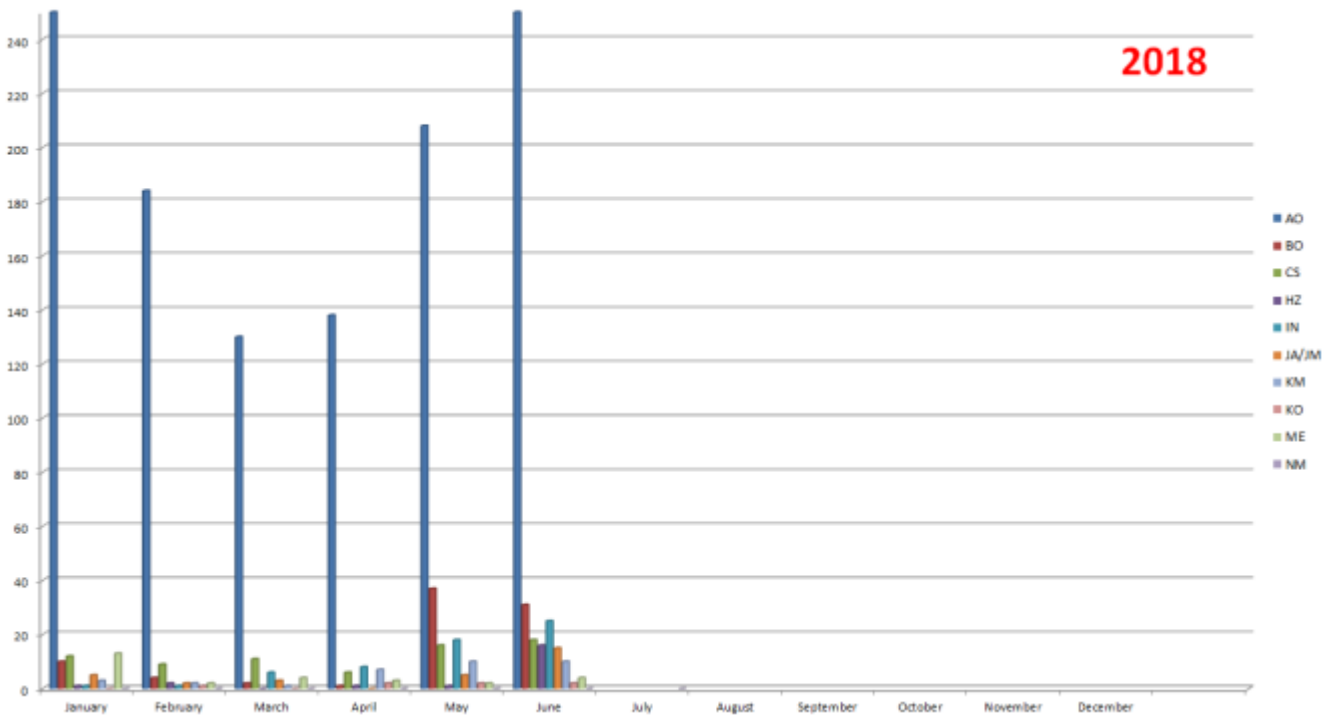
Percentage of DM and RT files by DAC



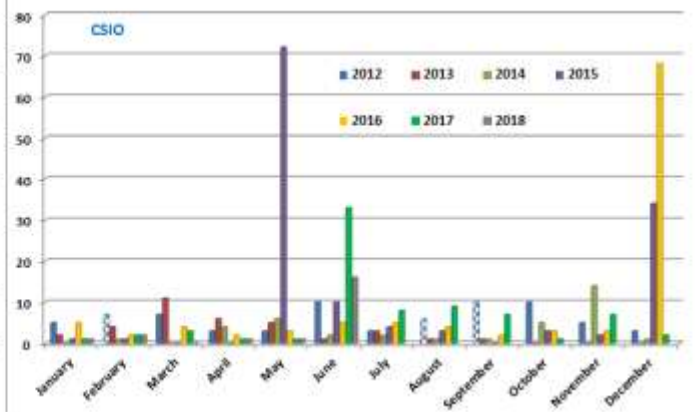
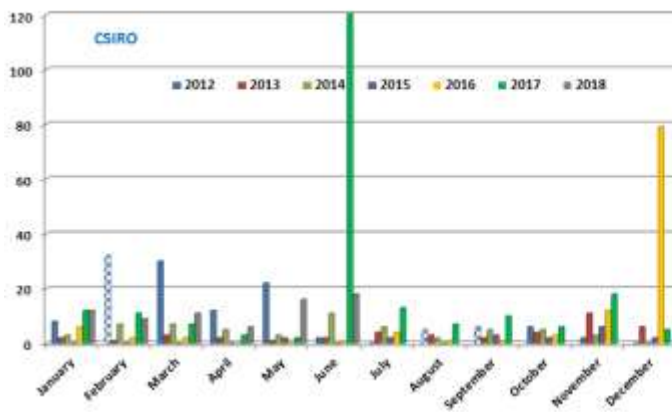
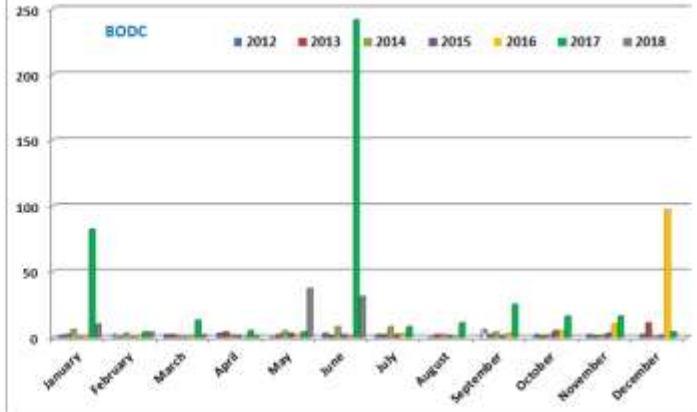
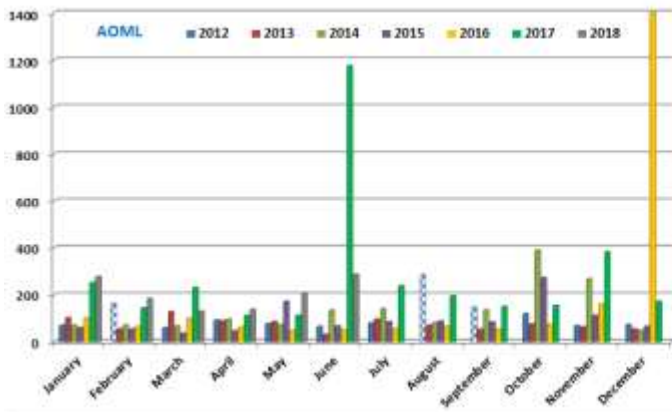
15. Statistics on anomalies

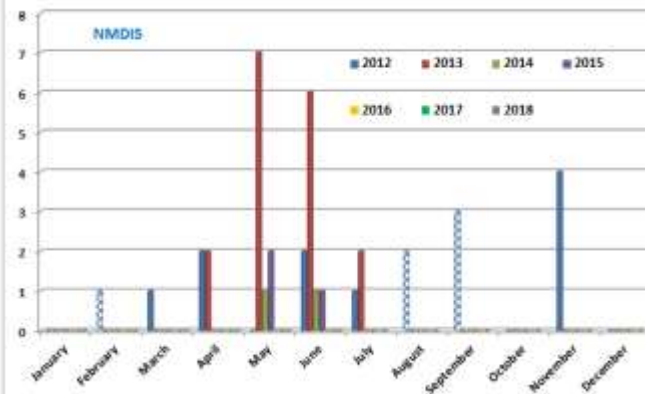
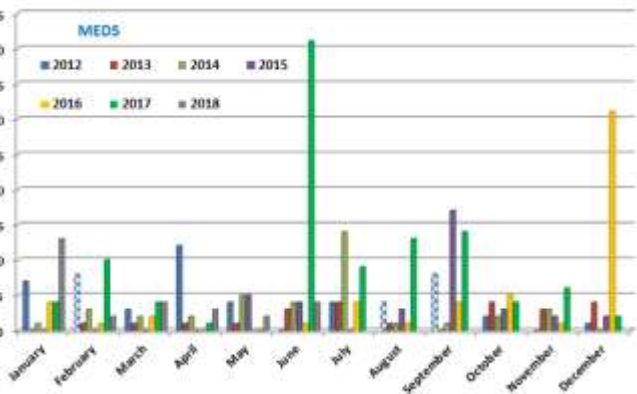
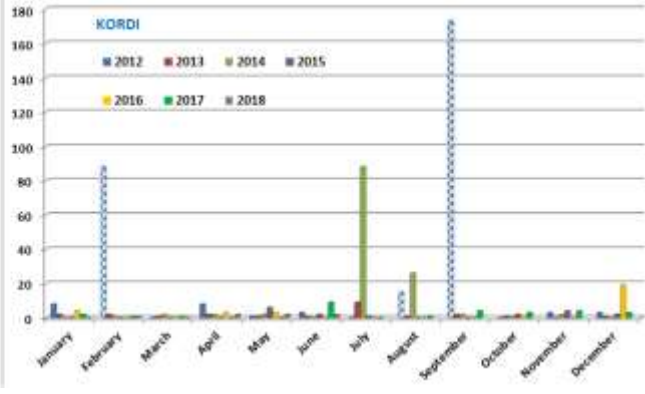
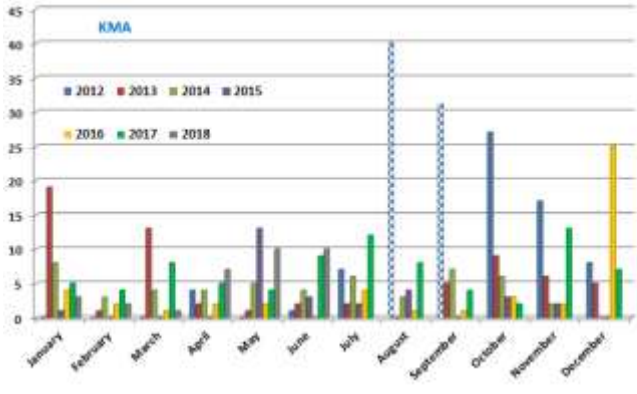
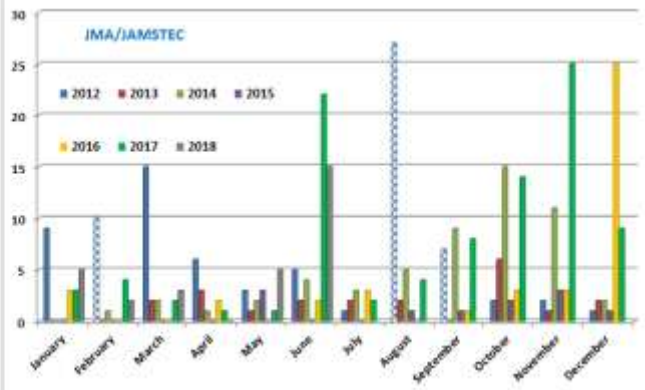
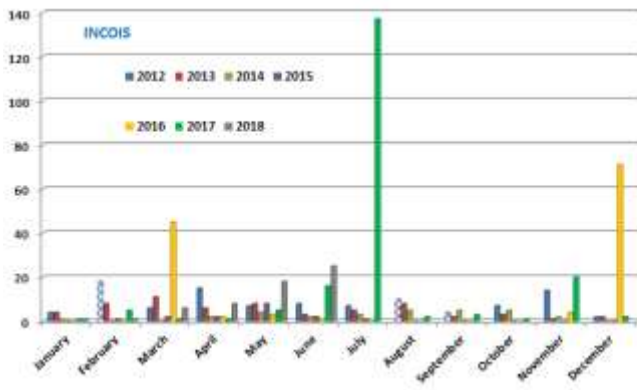
Plots showing evolution of number of anomalies by DAC.

15.1. Year



15.2. DAC





15.3. Anomalies by year, by month

