



# Anomalies on Argo profiles

From warning objective analysis, netcdf file analysis

## Format version

**December 2018**

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**Coriolis**

## 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.

### July 2018

More anomalies have been listed, due to the 'DM Analysis' checks for the CORA dataset. Consequently old profiles have been detected for corrections and some can be in data mode D. A new approach has also been implemented (Min/Max : method developed by Jérôme Gourrion) and is now running in the Coriolis exploitation for improving the quality control.

# Anomalies by DAC

## Summary

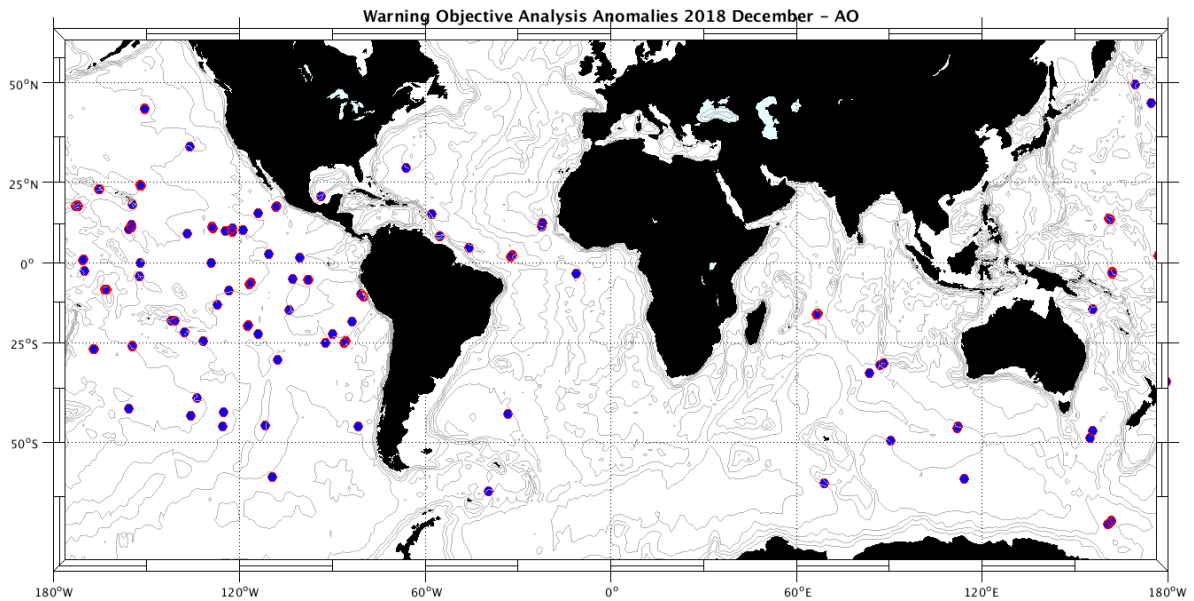
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# 1. DAC AOML

Profiles detected by the objective analysis: 125 profiles (79 floats, but floats can have several cycles with anomalies)

Data_mode ='R'	Data_mode ='A'	Data_mode ='D'
44 cycles	81 cycles	0 cycle

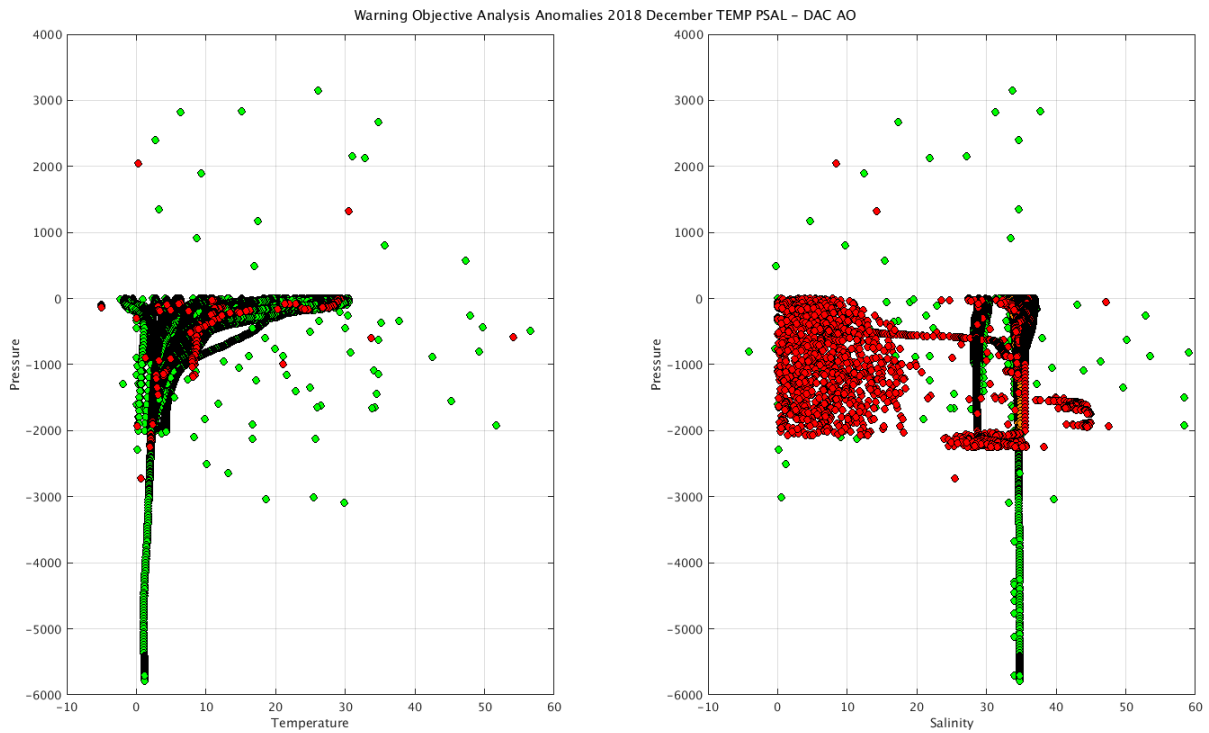


## Status of corrections: Done for few profiles – still bad QC no corrected

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

- Float : 1900726 - Cycle : 399 - PI : STEPHEN RISER - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 3134 - Date : 2018 12 10
- Float : 1901530 - Cycle : 271 - PI : BRECK OWENS - Data mode : R - Platform type : SOLO\_W - WMO inst type : 851 - FLOAT SERIAL : 1058 - Date : 2018 12 6
- Float : 1901712 - Cycle : 177 - PI : BRECK OWENS, STEVE JAYNE, P.E. ROBBINS - Data mode : R - Platform type : S2A - WMO inst type : 854 - FLOAT SERIAL : 7186 - Date : 2018 11 13
- Float : 1901712 - Cycle : 180 - PI : BRECK OWENS, STEVE JAYNE, P.E. ROBBINS - Data mode : R - Platform type : S2A - WMO inst type : 854 - FLOAT SERIAL : 7186 - Date : 2018 12 12
- Float : 1901717 - Cycle : 166 - PI : BRECK OWENS, STEVEN JAYNE, P.E. ROBBINS - Data mode : R - Platform type : S2A - WMO inst type : 854 - FLOAT SERIAL : 7219 - Date : 2018 11 26
- Float : 1901717 - Cycle : 167 - PI : BRECK OWENS, STEVEN JAYNE, P.E. ROBBINS - Data mode : R - Platform type : S2A - WMO inst type : 854 - FLOAT SERIAL : 7219 - Date : 2018 12 5
- Float : 1901717 - Cycle : 168 - PI : BRECK OWENS, STEVEN JAYNE, P.E. ROBBINS - Data mode : R - Platform type : S2A - WMO inst type : 854 - FLOAT SERIAL : 7219 - Date : 2018 12 15
- Float : 1901834 - Cycle : 97 - PI : DEAN ROEMMICH - Data mode : R - Platform type : SOLO\_II - WMO inst type : 853 - FLOAT SERIAL : 8414 - Date : 2018 12 3
- Float : 3901156 - Cycle : 171 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : NAVIS\_A - WMO inst type : 863 - FLOAT SERIAL : 0162 - Date : 2018 12 1
- Float : 3901156 - Cycle : 173 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : NAVIS\_A - WMO inst type : 863 - FLOAT SERIAL : 0162 - Date : 2018 12 21
- Float : 3901199 - Cycle : 127 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : NAVIS\_A - WMO inst type : 863 - FLOAT SERIAL : 0478 - Date : 2018 12 2
- Float : 3901199 - Cycle : 128 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : NAVIS\_A - WMO inst type : 863 - FLOAT SERIAL : 0478 - Date : 2018 12 12
- Float : 3901203 - Cycle : 99 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : NAVIS\_A - WMO inst type : 863 - FLOAT SERIAL : 0559 - Date : 2018 12 1
- Float : 3901205 - Cycle : 138 - PI : DEAN ROEMMICH - Data mode : R - Platform type : SOLO\_II - WMO inst type : 853 - FLOAT SERIAL : 8335 - Date : 2018 11 23
- Float : 3901217 - Cycle : 131 - PI : DEAN ROEMMICH - Data mode : A - Platform type : SOLO\_II - WMO inst type : 853 - FLOAT SERIAL : 8379 - Date : 2018 11 20
- Float : 3901243 - Cycle : 129 - PI : BRECK OWENS, STEVEN JAYNE, P.E. ROBBINS - Data mode : R - Platform type : S2A - WMO inst type : 854 - FLOAT SERIAL : 7409 - Date : 2018 11 14
- Float : 3901243 - Cycle : 130 - PI : BRECK OWENS, STEVEN JAYNE, P.E. ROBBINS - Data mode : R - Platform type : S2A - WMO inst type : 854 - FLOAT SERIAL : 7409 - Date : 2018 11 24
- Float : 3901243 - Cycle : 131 - PI : BRECK OWENS, STEVEN JAYNE, P.E. ROBBINS - Data mode : R - Platform type : S2A - WMO inst type : 854 - FLOAT SERIAL : 7409 - Date : 2018 12 4
- Float : 3901276 - Cycle : 50 - PI : DEAN ROEMMICH - Data mode : R - Platform type : SOLO\_II - WMO inst type : 853 - FLOAT SERIAL : 8566 - Date : 2018 12 19
- Float : 3901471 - Cycle : 43 - PI : DEAN ROEMMICH - Data mode : R - Platform type : SOLO\_II - WMO inst type : 853 - FLOAT SERIAL : 8582 - Date : 2018 11 30
- Float : 3901790 - Cycle : 41 - PI : DEAN ROEMMICH - Data mode : R - Platform type : SOLO\_II - WMO inst type : 853 - FLOAT SERIAL : 8607 - Date : 2018 12 4
- Float : 3901796 - Cycle : 40 - PI : DEAN ROEMMICH - Data mode : R - Platform type : SOLO\_II - WMO inst type : 853 - FLOAT SERIAL : 8616 - Date : 2018 11 30
- Float : 3901817 - Cycle : 104 - PI : BRECK OWENS, STEVEN JAYNE, P.E. ROBBINS - Data mode : R - Platform type : S2A - WMO inst type : 854 - FLOAT SERIAL : 7422 - Date : 2018 11 25
- Float : 3901817 - Cycle : 105 - PI : BRECK OWENS, STEVEN JAYNE, P.E. ROBBINS - Data mode : R - Platform type : S2A - WMO inst type : 854 - FLOAT SERIAL : 7422 - Date : 2018 11 29
- Float : 3901817 - Cycle : 106 - PI : BRECK OWENS, STEVEN JAYNE, P.E. ROBBINS - Data mode : R - Platform type : S2A - WMO inst type : 854 - FLOAT SERIAL : 7422 - Date : 2018 12 4
- Float : 3901828 - Cycle : 53 - PI : BRECK OWENS, STEVEN JAYNE, P.E. ROBBINS - Data mode : R - Platform type : ALTO - WMO inst type : 873 - FLOAT SERIAL : 10116 - Date : 2018 12 1
- Float : 3902142 - Cycle : 473 - PI : BRECK OWENS, STEVEN JAYNE, P.E. ROBBINS - Data mode : R - Platform type : S2A - WMO inst type : 854 - FLOAT SERIAL : 7476 - Date : 2018 12 11
- Float : 4901261 - Cycle : 297 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 4636 - Date : 2018 12 4
- Float : 4901435 - Cycle : 245 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 5323 - Date : 2018 11 21
- Float : 4901435 - Cycle : 247 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 5323 - Date : 2018 12 12
- Float : 4901581 - Cycle : 193 - PI : BRECK OWENS, STEVE JAYNE, P.E. ROBBINS - Data mode : R - Platform type : S2A - WMO inst type : 854 - FLOAT SERIAL : 7171 - Date : 2018 12 4
- Float : 4901623 - Cycle : 174 - PI : BRECK OWENS, STEVEN JAYNE, P.E. ROBBINS - Data mode : R - Platform type : S2A - WMO inst type : 854 - FLOAT SERIAL : 7230 - Date : 2018 12 20
- Float : 4901651 - Cycle : 161 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : NAVIS\_A - WMO inst type : 863 - FLOAT SERIAL : 0330 - Date : 2018 12 13
- Float : 4901713 - Cycle : 156 - PI : BRECK OWENS, STEVEN JAYNE, P.E. ROBBINS - Data mode : R - Platform type : S2A - WMO inst type : 854 - FLOAT SERIAL : 7209 - Date : 2018 12 11
- Float : 4902901 - Cycle : 74 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : NAVIS\_A - WMO inst type : 863 - FLOAT SERIAL : 0723 - Date : 2018 12 19
- Float : 4902909 - Cycle : 59 - PI : BRECK OWENS, STEVEN JAYNE, P.E. ROBBINS - Data mode : R - Platform type : S2A - WMO inst type : 854 - FLOAT SERIAL : 7406 - Date : 2018 12 16
- Float : 4902914 - Cycle : 61 - PI : BRECK OWENS, STEVEN JAYNE, P.E. ROBBINS - Data mode : R - Platform type : S2A - WMO inst type : 854 - FLOAT SERIAL : 7426 - Date : 2018 11 21
- Float : 4902914 - Cycle : 62 - PI : BRECK OWENS, STEVEN JAYNE, P.E. ROBBINS - Data mode : R - Platform type : S2A - WMO inst type : 854 - FLOAT SERIAL : 7426 - Date : 2018 12 1
- Float : 4903174 - Cycle : 5 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : NAVIS\_A - WMO inst type : 863 - FLOAT SERIAL : 0967 - Date : 2018 11 28
- Float : 4903174 - Cycle : 6 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : NAVIS\_A - WMO inst type : 863 - FLOAT SERIAL : 0967 - Date : 2018 12 8
- Float : 4903174 - Cycle : 7 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : NAVIS\_A - WMO inst type : 863 - FLOAT SERIAL : 0967 - Date : 2018 12 18





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

AO,1900726,399,11/12/2018 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=62633750> ,PRES,1273.7,1273.7,1,4,Primary sampling  
 AO,1900726,399,11/12/2018 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=62633750> ,PRES,1349.1,1349.1,1,4,Primary sampling  
 AO,1900726,399,11/12/2018 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=62633750> ,PRES,229.2,229.2,1,4,Primary sampling  
 AO,1900726,399,11/12/2018 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=62633750> ,PRES\_ADJUSTED,1273.7,1273.7,1,4,Primary sampling  
 AO,1900726,399,11/12/2018 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=62633750> ,PRES\_ADJUSTED,1349.1,1349.1,1,4,Primary sampling  
 AO,1900726,399,11/12/2018 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=62633750> ,PRES\_ADJUSTED,229.2,229.2,1,4,Primary sampling  
 AO,1900726,399,11/12/2018 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=62633750> ,PSAL,0,229.2,1,1,Primary sampling  
 AO,1900726,399,11/12/2018 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=62633750> ,PSAL\_ADJUSTED,0,229.2,1,1,Primary sampling  
 AO,1900726,399,11/12/2018 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=62633750> ,TEMP,0,0,1,1,Primary sampling  
 AO,1900726,399,11/12/2018 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=62633750> ,TEMP,1349.1,1349.1,1,4,Primary sampling  
 AO,1900726,399,11/12/2018 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=62633750> ,TEMP\_ADJUSTED,0,0,1,1,Primary sampling  
 AO,1900726,399,11/12/2018 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=62633750> ,TEMP\_ADJUSTED,1349.1,1349.1,1,4,Primary sampling  
 AO,1901530,271,07/12/2018 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=62624441> ,PSAL,14,80,1,4,Primary sampling  
 AO,1901530,271,07/12/2018 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=62624441> ,PSAL,88,138,1,4,Primary sampling  
 AO,1901530,271,07/12/2018 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=62624441> ,TEMP,12,80,1,4,Primary sampling  
 AO,1901530,271,07/12/2018 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=62624441> ,TEMP,88,92,1,4,Primary sampling  
 AO,1901530,271,11/12/2018 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=62624441> ,PSAL,12,12,1,4,Primary sampling  
 AO,1901712,177,23/11/2018 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=62337527> ,PSAL,84,49.96,1,1,Secondary sampling  
 AO,1901712,177,23/11/2018 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=62337527> ,TEMP,49.68,49.96,1,4,Secondary sampling  
 AO,1901712,180,12/12/2018 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=62640648> ,PSAL,84,49.84,1,4,Secondary sampling  
 AO,1901712,180,12/12/2018 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=62640648> ,TEMP,49.56,49.84,1,4,Secondary sampling  
 AO,1901712,180,14/12/2018 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=62640648> ,PSAL,84,49.84,1,4,Secondary sampling  
 AO,1901717,166,05/12/2018 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=62506716> ,PSAL,1.16,1013.28,1,4,Primary sampling  
 AO,1901717,166,05/12/2018 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=62506717> ,PSAL,84,1012.44,1,4,Secondary sampling  
 AO,1901717,167,05/12/2018 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=62620711> ,PSAL,1.12,1013.16,1,4,Primary sampling  
 AO,1901717,167,05/12/2018 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=62620712> ,PSAL,8,1013.32,1,4,Secondary sampling  
 AO,1901717,167,15/12/2018 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=62620711> ,PSAL,1.12,1013.16,1,4,Primary sampling  
 AO,1901717,167,15/12/2018 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=62620712> ,PSAL,8,1013.32,1,4,Secondary sampling  
 AO,1901717,168,15/12/2018 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=62651394> ,PSAL,1.12,1013.08,1,4,Primary sampling  
 AO,1901717,168,15/12/2018 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=62651395> ,PSAL,8,1011.1,4,Secondary sampling  
 AO,1901834,97,03/12/2018 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=62608669> ,PSAL,628,639.96,2,4,Primary sampling  
 AO,1901834,97,13/12/2018 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=62608669> ,PSAL,628,641.96,2,4,Primary sampling  
 AO,3901156,171,01/12/2018 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=62585161> ,PSAL,4.2,1905.8,1,3,Primary sampling  
 AO,3901156,171,01/12/2018 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=62585161> ,PSAL\_ADJUSTED,4.2,1905.8,1,3,Primary sampling  
 AO,3901156,173,21/12/2018 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=62734700> ,PSAL,4.3,1901.1,1,3,Primary sampling  
 AO,3901156,173,21/12/2018 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=62734700> ,PSAL\_ADJUSTED,4.3,1901.1,1,3,Primary sampling  
 AO,3901199,127,,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=62606317> ,PSAL\_ADJUSTED,4.1,1983.6,1,3,Primary sampling  
 AO,3901199,127,02/12/2018 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=62606317> ,PSAL\_ADJUSTED,4.1,1983.6,1,3,Primary sampling  
 AO,3901199,128,12/12/2018 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=62640565> ,PSAL\_ADJUSTED,3,2004.2,1,3,Primary sampling  
 AO,3901203,99,01/12/2018 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=62585292> ,PSAL,4.3,79.9,1,4,Primary sampling  
 AO,3901203,99,01/12/2018 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=62585292> ,PSAL,89.9,604,1,4,Primary sampling  
 AO,3901203,99,01/12/2018 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=62585292> ,PSAL\_ADJUSTED,4.3,79.9,1,4,Primary sampling









































































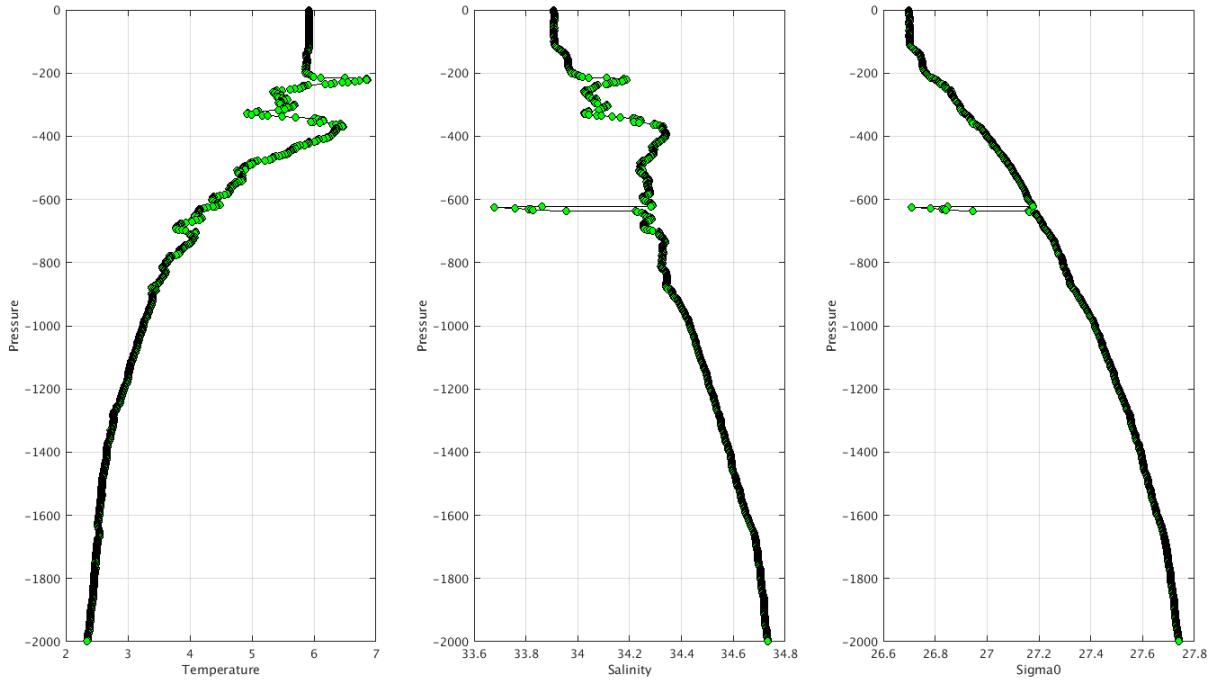




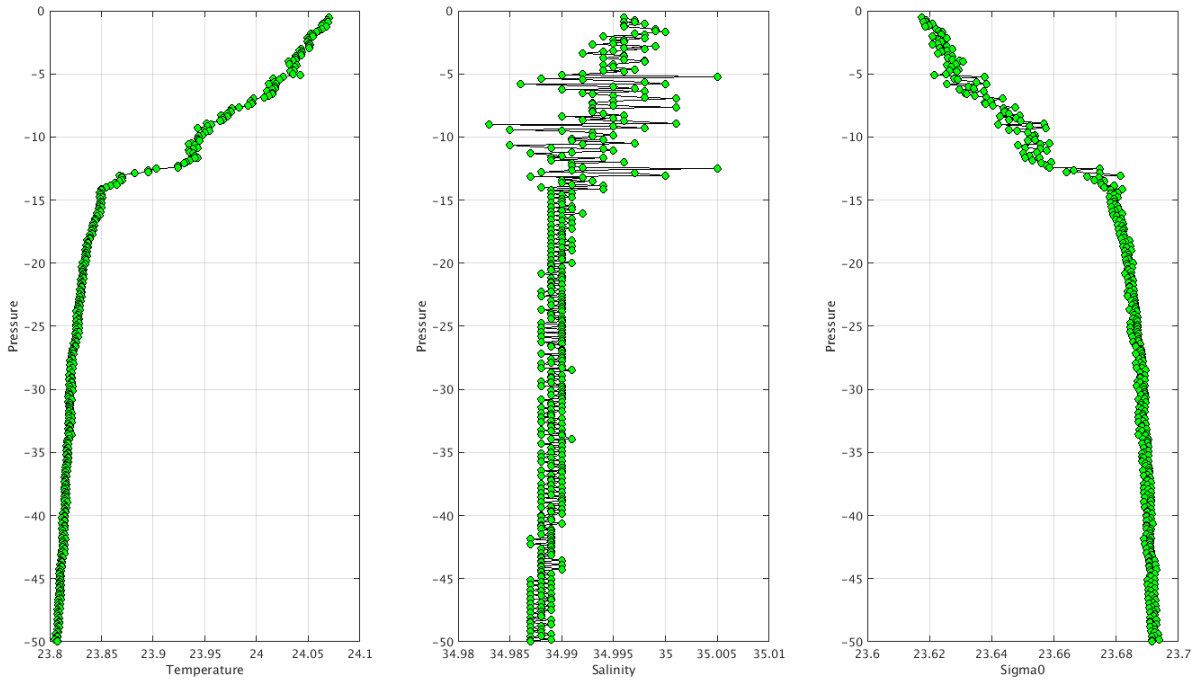




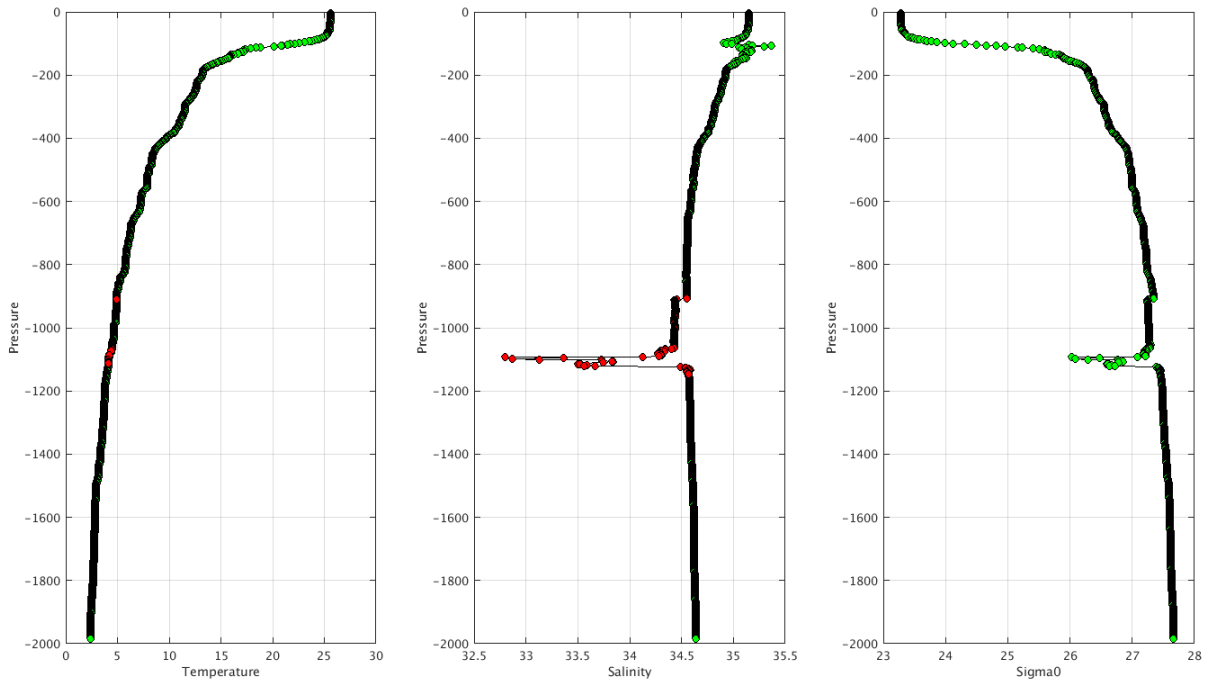
Warning Objective Analysis Anomalies 2018 December TEMP PSAL : DAC AO- Float 1901834 - 97



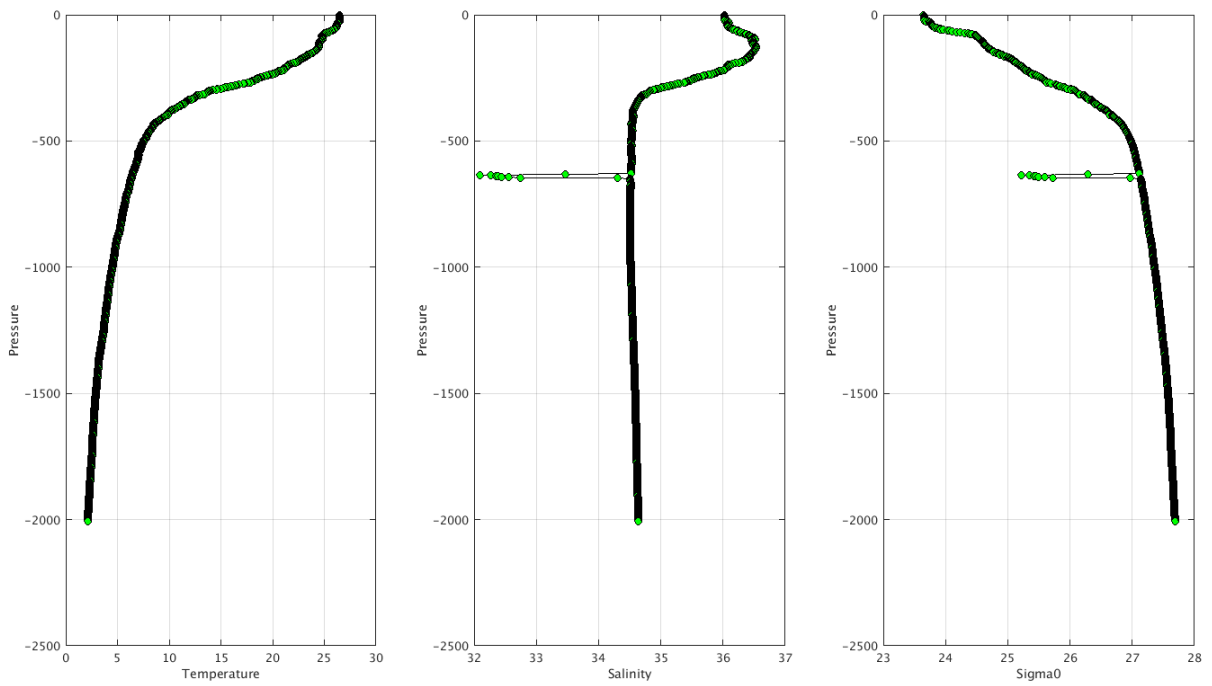
Warning Objective Analysis Anomalies 2018 December TEMP PSAL : DAC AO- Float 3901817 - 106



Warning Objective Analysis Anomalies 2018 December TEMP PSAL : DAC AO- Float 5904277 - 171



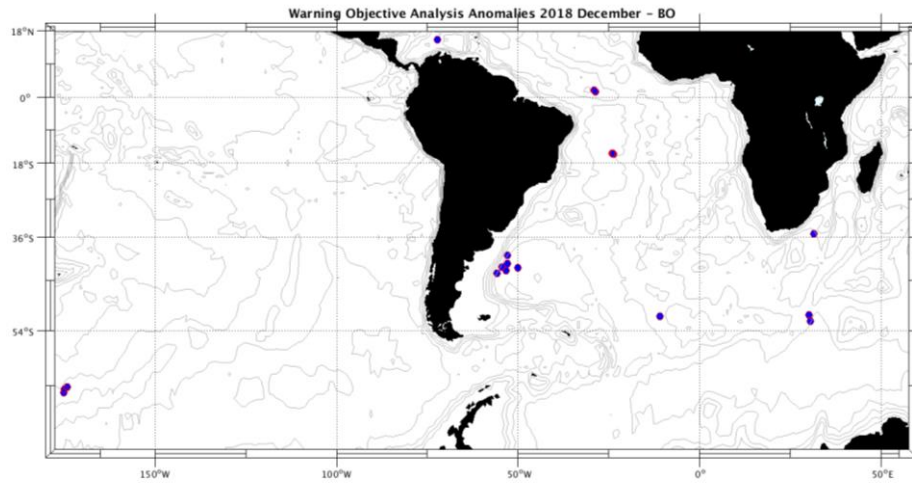
Warning Objective Analysis Anomalies 2018 December TEMP PSAL : DAC AO- Float 5905691 - 12



## 2. DAC BODC

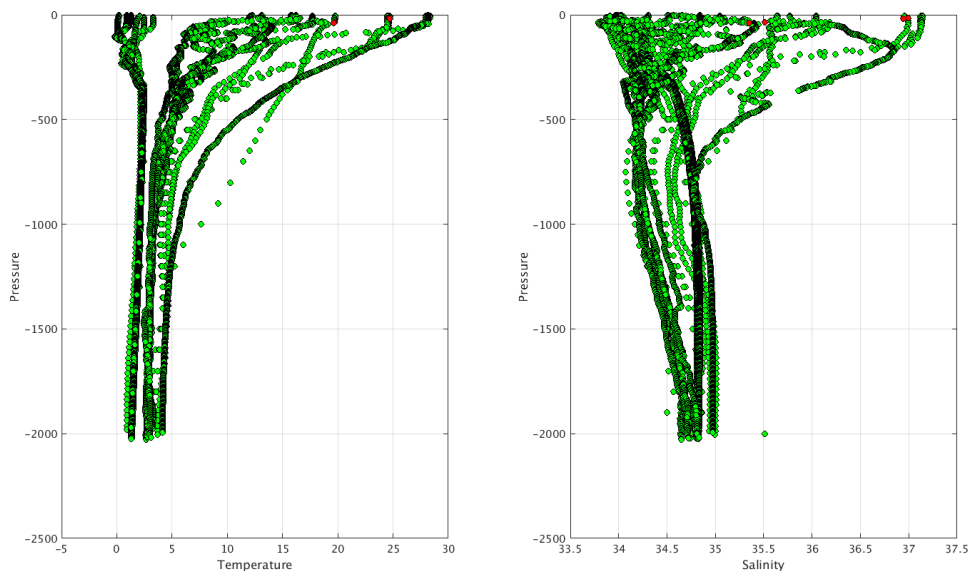
Profiles detected by the objective analysis: 19 profiles (8 floats – float can have several cycles with anomalies)

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



### Status of corrections: Correction done or I progress, feedback.

Float : 1901300 - Cycle : 209 - PI : Jon Turton - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 5590 - Date : 2018 11 30  
 Float : 1901305 - Cycle : 209 - PI : Jon Turton - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 6242 - Date : 2018 12 4  
 Float : 1901305 - Cycle : 210 - PI : Jon Turton - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 6242 - Date : 2018 12 14  
 Float : 3901548 - Cycle : 5 - PI : Jon Turton - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7001 - Date : 2018 11 24  
 Float : 3901548 - Cycle : 6 - PI : Jon Turton - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7001 - Date : 2018 12 4  
 Float : 3901548 - Cycle : 7 - PI : Jon Turton - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7001 - Date : 2018 12 14  
 Float : 3901895 - Cycle : 61 - PI : Josep Lluís Pelegrí - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : AI2600-16FR058 - Date : 2018 12 7  
 Float : 3901897 - Cycle : 56 - PI : Josep Lluís Pelegrí - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : AI2600-16FR060 - Date : 2018 11 13  
 Float : 3901897 - Cycle : 59 - PI : Josep Lluís Pelegrí - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : AI2600-16FR060 - Date : 2018 12 13  
 Float : 3901904 - Cycle : 68 - PI : Pierre-Marie Poulain - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : AR2600-16FR067 - Date : 2018 11 27  
 Float : 3901904 - Cycle : 69 - PI : Pierre-Marie Poulain - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : AR2600-16FR067 - Date : 2018 12 7  
 Float : 3901904 - Cycle : 70 - PI : Pierre-Marie Poulain - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : AR2600-16FR067 - Date : 2018 12 17  
 Float : 3901946 - Cycle : 27 - PI : Andreas Sterl - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : AI2600-16FR089 - Date : 2018 10 12  
 Float : 3901946 - Cycle : 28 - PI : Andreas Sterl - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : AI2600-16FR089 - Date : 2018 10 22  
 Float : 3901946 - Cycle : 29 - PI : Andreas Sterl - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : AI2600-16FR089 - Date : 2018 11 1  
 Float : 3901946 - Cycle : 30 - PI : Andreas Sterl - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : AI2600-16FR089 - Date : 2018 11 11  
 Float : 3901946 - Cycle : 32 - PI : Andreas Sterl - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : AI2600-16FR089 - Date : 2018 12 1  
 Float : 3901946 - Cycle : 33 - PI : Andreas Sterl - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : AI2600-16FR089 - Date : 2018 12 11  
 Float : 3901985 - Cycle : 99 - PI : Femke de Jong - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : AI2600-16FR128 - Date : 2018 11 30

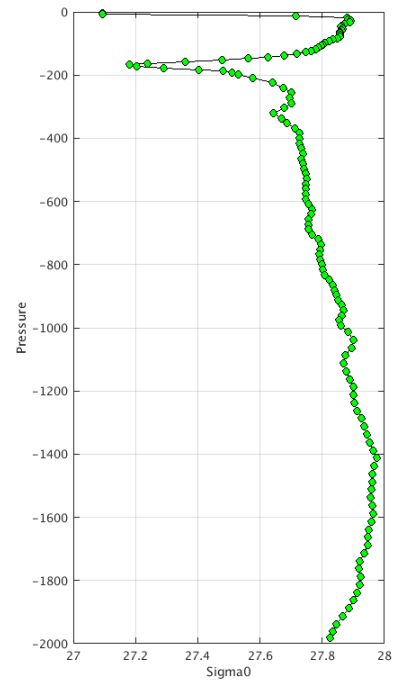
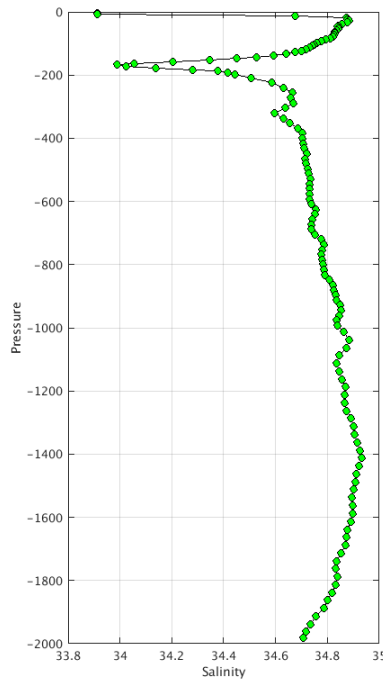
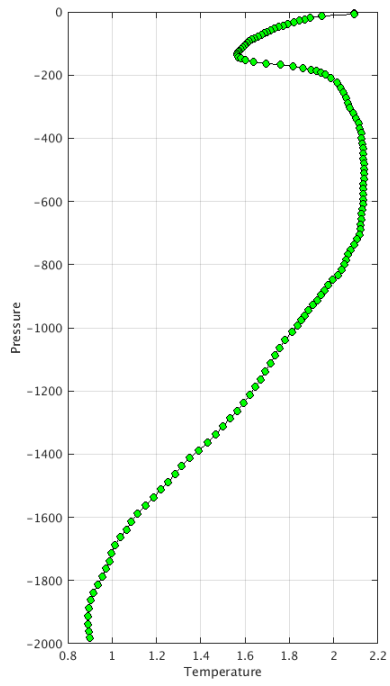


DAC\_CODE,PLATFORM\_CODE,CV\_NUMBER,DATE\_UPDATE,DIRECTION,WEB\_URL,PARAMETER,START\_IMMERSION,STOP\_IMMERSION,OLD\_QC,NEW\_QC,VERTICAL\_SAMPLING\_SCHEME

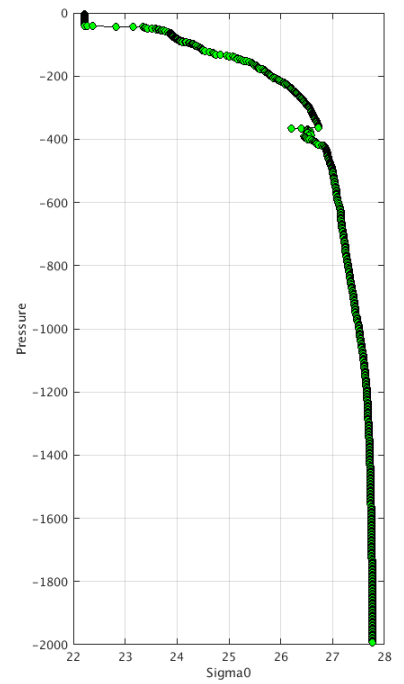
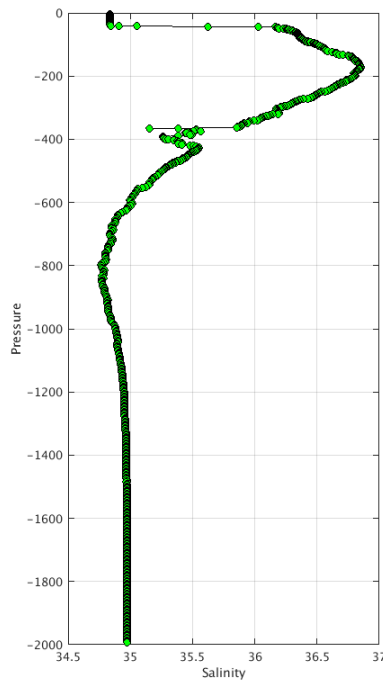
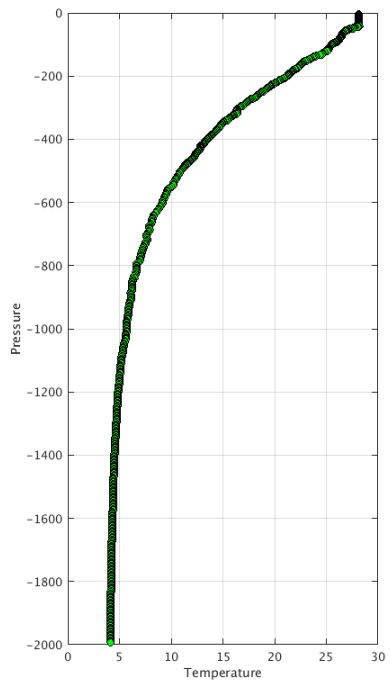
BO,1901300,209,06/12/2018 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=62565586 ,PSAL,2000.4,2000.4,1,4,Primary sampling  
BO,1901300,209,06/12/2018 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=62565586 ,PSAL\_ADJUSTED,2000.4,2000.4,1,4,Primary sampling  
BO,1901300,209,30/11/2018 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=62565586 ,PSAL,2000.4,2000.4,1,4,Primary sampling  
BO,1901300,209,30/11/2018 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=62565586 ,PSAL,45,49.9,1,4,Primary sampling  
BO,1901300,209,30/11/2018 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=62565586 ,PSAL\_ADJUSTED,2000.4,2000.4,1,4,Primary sampling  
BO,1901300,209,30/11/2018 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=62565586 ,PSAL\_ADJUSTED,45,49.9,1,4,Primary sampling  
BO,1901305,209,04/12/2018 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=62612948 ,PSAL,10.3,1899.8,1,3,Primary sampling  
BO,1901305,209,04/12/2018 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=62612948 ,PSAL\_ADJUSTED,10.3,1899.8,1,3,Primary sampling  
BO,1901305,210,14/12/2018 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=62647432 ,PSAL,10.4,1899.9,1,3,Primary sampling  
BO,1901305,210,14/12/2018 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=62647432 ,PSAL\_ADJUSTED,10.4,1899.9,1,3,Primary sampling  
BO,3901548,5,24/11/2018 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=62489172 ,PSAL,25.2,1900.2,1,3,Primary sampling  
BO,3901548,5,24/11/2018 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=62489172 ,PSAL,4.2,10.2,1,3,Primary sampling  
BO,3901548,5,24/11/2018 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=62489172 ,PSAL\_ADJUSTED,25.2,1900.2,1,3,Primary sampling  
BO,3901548,5,24/11/2018 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=62489172 ,PSAL\_ADJUSTED,4.2,10.2,1,3,Primary sampling  
BO,3901548,6,04/12/2018 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=62612951 ,PSAL,4.2,1899.9,1,3,Primary sampling  
BO,3901548,6,04/12/2018 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=62612951 ,PSAL\_ADJUSTED,4.2,1899.9,1,3,Primary sampling  
BO,3901548,6,06/12/2018 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=62612951 ,PSAL,4.2,1899.9,1,3,Primary sampling  
BO,3901548,6,06/12/2018 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=62612951 ,PSAL\_ADJUSTED,4.2,1899.9,1,3,Primary sampling  
BO,3901548,7,14/12/2018 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=62647437 ,PSAL,4.4,1900.4,1,3,Primary sampling  
BO,3901548,7,14/12/2018 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=62647437 ,PSAL\_ADJUSTED,4.4,1900.4,1,3,Primary sampling  
BO,3901895,61,07/12/2018 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=62624119 ,PSAL,172.9,288.5,1,4,Primary sampling  
BO,3901895,61,07/12/2018 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=62624119 ,PSAL,3.7,127.8,1,4,Primary sampling  
BO,3901895,61,07/12/2018 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=62624119 ,PSAL,336.5,1981.6,1,4,Primary sampling  
BO,3901897,56,13/11/2018 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=62337000 ,PSAL,63.2,67.7,1,1,Primary sampling  
BO,3901897,56,13/11/2018 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=62337000 ,PSAL,63.2,67.7,3,1,Primary sampling  
BO,3901897,59,13/12/2018 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=62643674 ,PSAL,3.9,2004.6,1,3,Primary sampling  
BO,3901904,68,27/11/2018 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=62520441 ,PSAL,109.9,191.7,1,3,Primary sampling  
BO,3901904,68,27/11/2018 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=62520441 ,PSAL,194.8,203.2,1,3,Primary sampling  
BO,3901904,68,27/11/2018 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=62520441 ,PSAL,2.8,107,1,3,Primary sampling  
BO,3901904,68,27/11/2018 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=62520441 ,PSAL,206,242,1,3,Primary sampling  
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BO,3901904,69,07/12/2018 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=62624403 ,PSAL,111.9,205.2,1,3,Primary sampling  
BO,3901904,69,07/12/2018 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=62624403 ,PSAL,208,228.6,1,3,Primary sampling  
BO,3901904,69,07/12/2018 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=62624403 ,PSAL,232.4,255.4,1,3,Primary sampling  
BO,3901904,69,07/12/2018 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=62624403 ,PSAL,261.2,2025.5,1,3,Primary sampling  
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BO,3901904,70,17/12/2018 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=62658710 ,PSAL,153.7,154.7,1,3,Primary sampling  
BO,3901904,70,17/12/2018 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=62658710 ,PSAL,157.5,166.1,1,3,Primary sampling  
BO,3901904,70,17/12/2018 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=62658710 ,PSAL,169,171,1,3,Primary sampling  
BO,3901904,70,17/12/2018 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=62658710 ,PSAL,173.9,2024.7,1,3,Primary sampling  
BO,3901904,70,17/12/2018 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=62658710 ,PSAL,2.9,150.9,1,3,Primary sampling  
BO,3901946,27,13/10/2018 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=61449607 ,PSAL,85.2,85.2,1,4,Primary sampling  
BO,3901946,28,23/10/2018 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=61564113 ,PSAL,71.9,71.9,1,4,Primary sampling  
BO,3901946,28,23/10/2018 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=61564113 ,PSAL,75.2,81.1,4,4,Primary sampling  
BO,3901946,28,23/10/2018 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=61564113 ,PSAL,83.9,83.9,1,4,Primary sampling  
BO,3901946,29,02/11/2018 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=62196223 ,PSAL,62.7,62.7,1,4,Primary sampling  
BO,3901946,29,02/11/2018 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=62196223 ,PSAL,87.7,87.7,1,4,Primary sampling  
BO,3901946,29,02/11/2018 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=62196223 ,PSAL,91.8,91.8,1,4,Primary sampling  
BO,3901946,29,02/11/2018 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=62196223 ,PSAL,94.7,94.7,1,4,Primary sampling  
BO,3901946,30,12/11/2018 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=62331936 ,PSAL,109.3,109.3,4,1,Primary sampling  
BO,3901946,30,12/11/2018 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=62331936 ,PSAL,113,113,1,4,Primary sampling  
BO,3901946,30,12/11/2018 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=62331936 ,PSAL,337.5,337.5,1,4,Primary sampling  
BO,3901946,32,02/12/2018 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=62581172 ,PSAL,91.6,91.6,1,4,Primary sampling  
BO,3901946,33,12/12/2018 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=62637295 ,PSAL,55.3,55.3,1,4,Primary sampling  
BO,3901946,33,12/12/2018 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=62637295 ,PSAL,92,92,1,4,Primary sampling  
BO,3901985,99,30/11/2018 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=62564661 ,PSAL,367.4,385.1,1,4,Primary sampling  
BO,3901985,99,30/11/2018 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=62564661 ,PSAL,393.4,423.3,1,4,Primary sampling

#### Example of corrections:

Warning Objective Analysis Anomalies 2018 December TEMP PSAL : DAC BO- Float 3901895 - 61



Warning Objective Analysis Anomalies 2018 December TEMP PSAL : DAC BO- Float 3901985 - 99

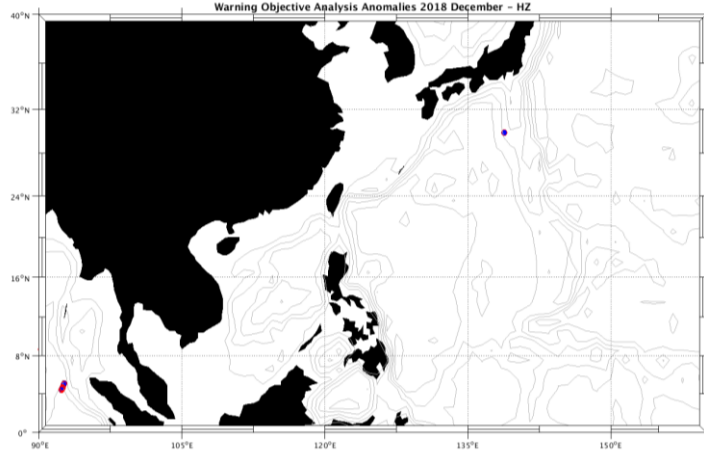




### 3. DAC CSIO

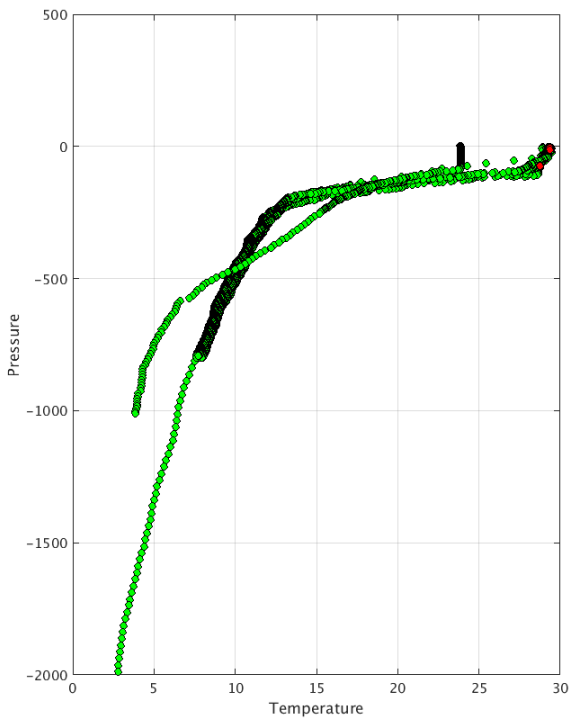
Profiles detected by the objective analysis: 11 profiles (3 floats – float can have several cycles with anomalies)

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



**Status of corrections: Few feedback, corrections in progress.**

- Float : 2902570 - Cycle : 182 - PI : ZENGHONG LIU - Data mode : A - Platform type : PROVOR - WMO inst type : 841 - FLOAT SERIAL : OIN-12-CH1-S31-18 - Date : 2018 12 11
- Float : 2902702 - Cycle : 371 - PI : GUOPING GAO - Data mode : A - Platform type : NAVIS - WMO inst type : 863 - FLOAT SERIAL : 0668 - Date : 2018 11 29
- Float : 2902702 - Cycle : 372 - PI : GUOPING GAO - Data mode : A - Platform type : NAVIS - WMO inst type : 863 - FLOAT SERIAL : 0668 - Date : 2018 11 30
- Float : 2902702 - Cycle : 375 - PI : GUOPING GAO - Data mode : A - Platform type : NAVIS - WMO inst type : 863 - FLOAT SERIAL : 0668 - Date : 2018 12 4
- Float : 2902702 - Cycle : 376 - PI : GUOPING GAO - Data mode : A - Platform type : NAVIS - WMO inst type : 863 - FLOAT SERIAL : 0668 - Date : 2018 12 5
- Float : 2902702 - Cycle : 377 - PI : GUOPING GAO - Data mode : A - Platform type : NAVIS - WMO inst type : 863 - FLOAT SERIAL : 0668 - Date : 2018 12 6
- Float : 2902702 - Cycle : 378 - PI : GUOPING GAO - Data mode : A - Platform type : NAVIS - WMO inst type : 863 - FLOAT SERIAL : 0668 - Date : 2018 12 7
- Float : 2902702 - Cycle : 379 - PI : GUOPING GAO - Data mode : A - Platform type : NAVIS - WMO inst type : 863 - FLOAT SERIAL : 0668 - Date : 2018 12 8
- Float : 2902754 - Cycle : 37 - PI : FEI CHAI - Data mode : R - Platform type : PROVOR - WMO inst type : 841 - FLOAT SERIAL : P41308-17CH003 - Date : 2018 12 8



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

HZ,2902570,182,12/12/2018 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=62640003 ,PSAL,1,1987,1,3,Primary sampling

HZ,2902570,182,12/12/2018 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=62640003 ,PSAL\_ADJUSTED,1,1987,1,3,Primary sampling

HZ,2902702,371,29/11/2018 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=62553505 ,PSAL,15.9,70,1,4,Primary sampling

HZ,2902702,371,29/11/2018 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=62553505 ,PSAL,2.5,2.5,1,4,Primary sampling

HZ,2902702,371,29/11/2018 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=62553505 ,PSAL,76,798.99,1,4,Primary sampling

HZ,2902702,371,29/11/2018 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=62553505 ,PSAL,8,10,1,4,Primary sampling

HZ,2902702,371,29/11/2018 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=62553505 ,PSAL\_ADJUSTED,15.9,70,1,4,Primary sampling

HZ,2902702,371,29/11/2018 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=62553505 ,PSAL\_ADJUSTED,2.5,2.5,1,4,Primary sampling

HZ,2902702,371,29/11/2018 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=62553505 ,PSAL\_ADJUSTED,76,798.99,1,4,Primary sampling

HZ,2902702,371,29/11/2018 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=62553505 ,PSAL\_ADJUSTED,8,10,1,4,Primary sampling

HZ,2902702,372,30/11/2018 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=62565625 ,PSAL,4.1,798.98,1,3,Primary sampling

HZ,2902702,372,30/11/2018 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=62565625 ,PSAL\_ADJUSTED,4.1,798.98,1,3,Primary sampling

HZ,2902702,373,,A,http://www.ifremer.fr/co-argoFloats/station?stationId=62581169 ,PSAL,2.9,800.45,1,3,Primary sampling

HZ,2902702,373,,A,http://www.ifremer.fr/co-argoFloats/station?stationId=62581169 ,PSAL\_ADJUSTED,2.9,800.45,1,3,Primary sampling

HZ,2902702,374,,A,http://www.ifremer.fr/co-argoFloats/station?stationId=62600223 ,PSAL,4.1,798.16,1,3,Primary sampling

HZ,2902702,374,,A,http://www.ifremer.fr/co-argoFloats/station?stationId=62600223 ,PSAL\_ADJUSTED,4.1,798.16,1,3,Primary sampling

HZ,2902702,375,04/12/2018 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=62613145 ,PSAL,4.1,800.96,1,3,Primary sampling

HZ,2902702,375,04/12/2018 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=62613145 ,PSAL\_ADJUSTED,4.1,800.96,1,3,Primary sampling

HZ,2902702,376,05/12/2018 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=62618003 ,PSAL,2.7,800.03,1,3,Primary sampling

HZ,2902702,376,05/12/2018 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=62618003 ,PSAL\_ADJUSTED,2.7,800.03,1,3,Primary sampling

HZ,2902702,377,06/12/2018 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=62621327 ,PSAL,4.1,798.78,1,3,Primary sampling

HZ,2902702,377,06/12/2018 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=62621327 ,PSAL\_ADJUSTED,4.1,798.78,1,3,Primary sampling

HZ,2902702,378,07/12/2018 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=62624613 ,PSAL,2.8,798.32,1,3,Primary sampling

HZ,2902702,378,07/12/2018 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=62624613 ,PSAL\_ADJUSTED,2.8,798.32,1,3,Primary sampling

HZ,2902702,379,09/12/2018 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=62627791 ,PSAL,4,793,1,3,Primary sampling

HZ,2902702,379,09/12/2018 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=62627791 ,PSAL\_ADJUSTED,4,793,1,3,Primary sampling

HZ,2902754,37,10/12/2018 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=62630039 ,PSAL,-.1,40.9,1,4,Primary sampling

HZ,2902754,37,10/12/2018 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=62630039 ,PSAL,137,475,1,4,Primary sampling

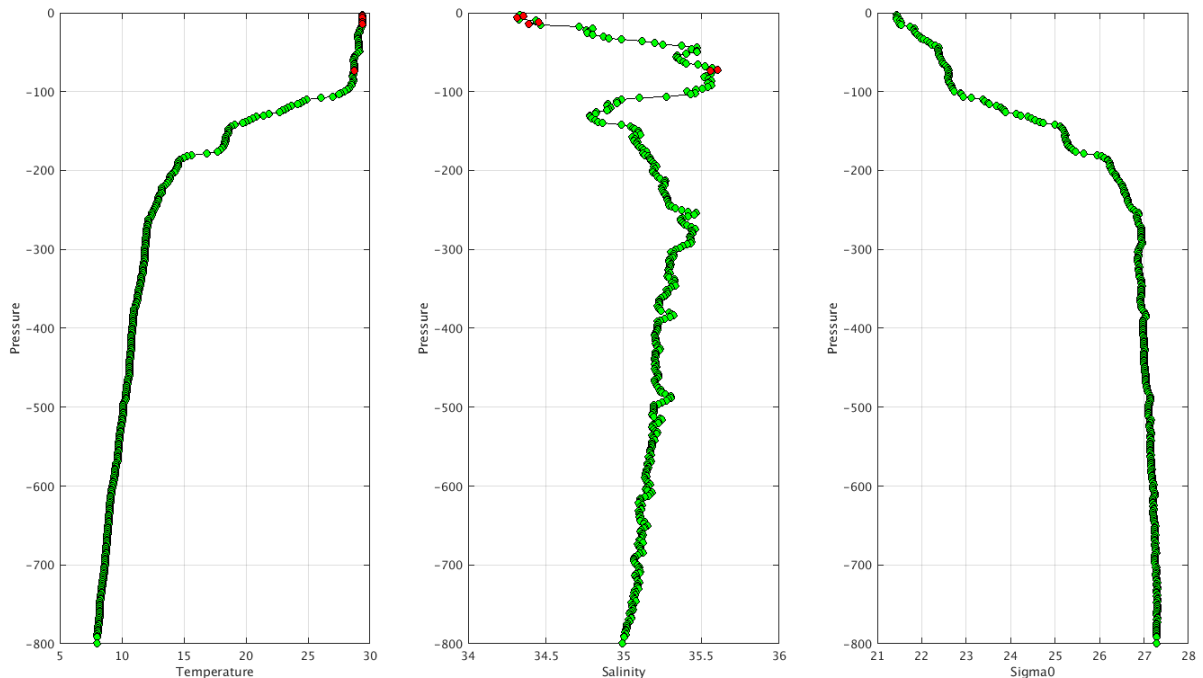
HZ,2902754,37,10/12/2018 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=62630039 ,PSAL,137,485,1,4,Primary sampling

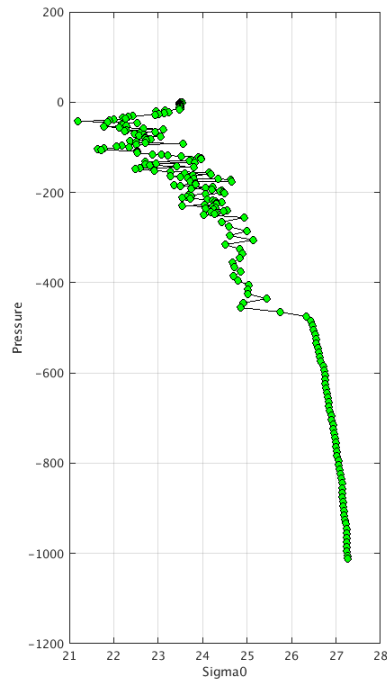
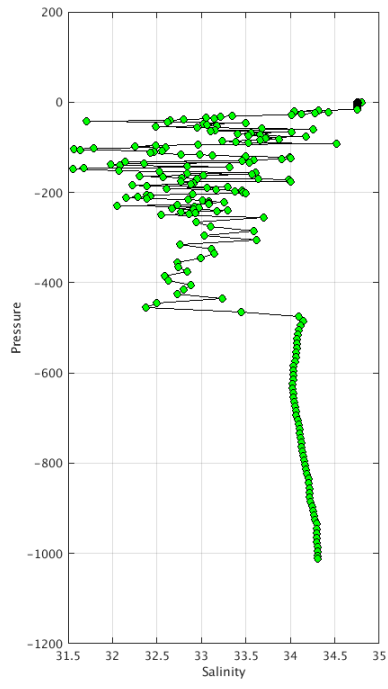
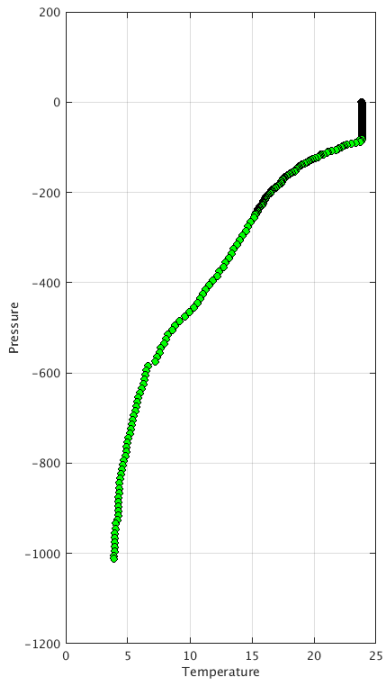
HZ,2902754,37,10/12/2018 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=62630039 ,PSAL,45,90.9,1,4,Primary sampling

HZ,2902754,37,10/12/2018 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=62630039 ,PSAL,95.1,131,1,4,Primary sampling

Example of corrections:

Warning Objective Analysis Anomalies 2018 December TEMP PSAL : DAC HZ- Float 2902702 - 371

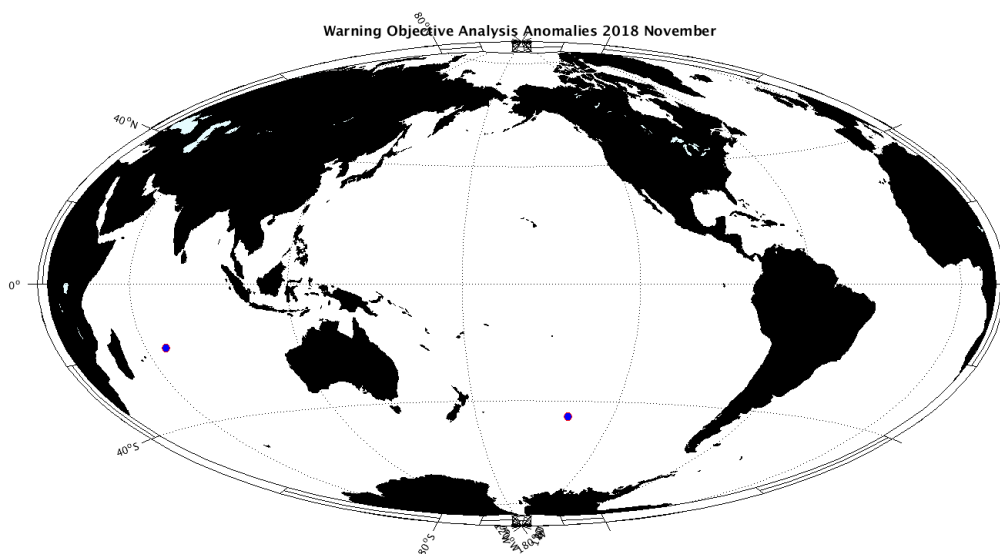




## 4. DAC CSIRO

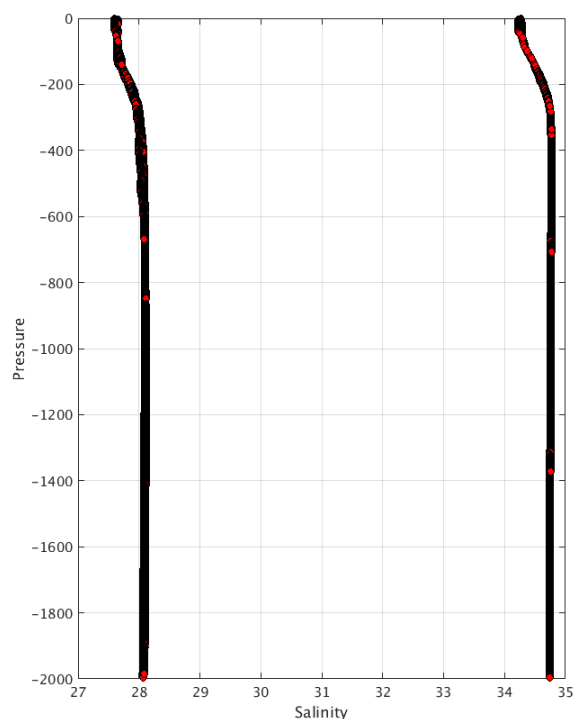
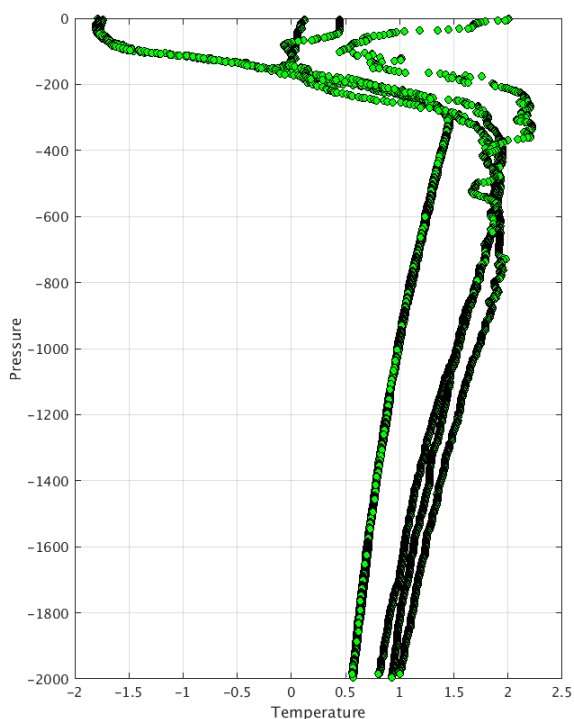
Profiles detected by the objective analysis: 6 profiles (2 floats – float can have several cycles with anomalies)

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



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

Float : 7900336 - Cycle : 216 - PI : Steve Rintoul - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 6166 - Date : 2018 11 14  
 Float : 7900336 - Cycle : 217 - PI : Steve Rintoul - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 6166 - Date : 2018 11 23  
 Float : 7900336 - Cycle : 218 - PI : Steve Rintoul - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 6166 - Date : 2018 12 3  
 Float : 7900391 - Cycle : 186 - PI : Susan Wijffels - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 6566 - Date : 2018 11 27  
 Float : 7900391 - Cycle : 187 - PI : Susan Wijffels - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 6566 - Date : 2018 12 7  
 Float : 7900391 - Cycle : 188 - PI : Susan Wijffels - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 6566 - Date : 2018 12 17

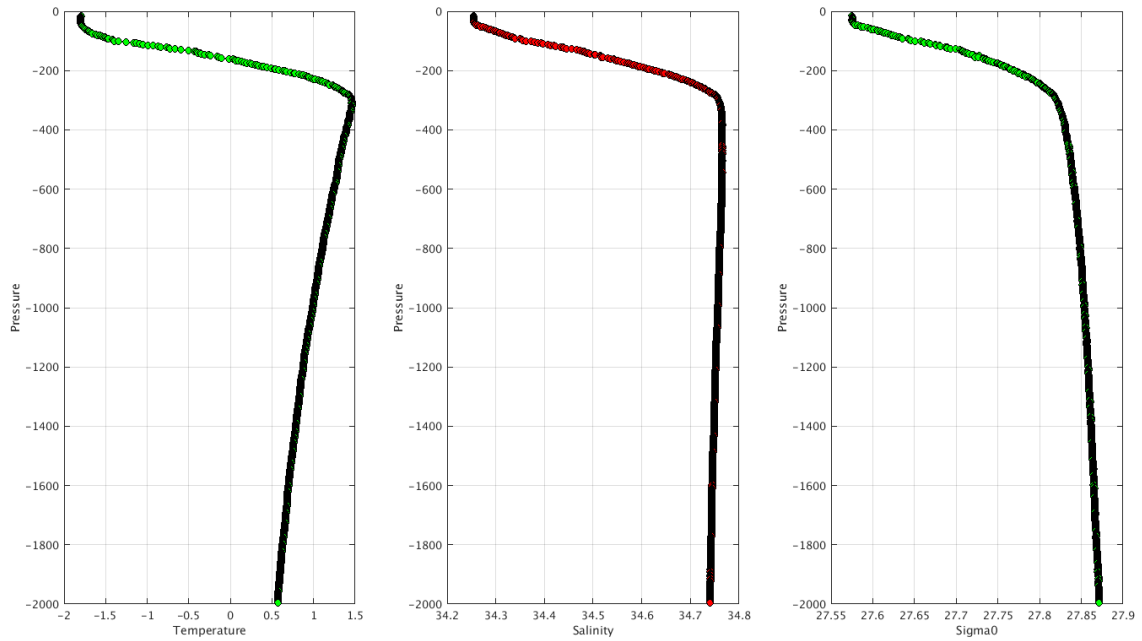


DAC\_CODE,PLATFORM\_CODE,CV\_NUMBER,DATE\_UPDATE,DIRECTION,WEB\_URL,PARAMETER,START\_IMMERSION,STOP\_IMMERSION,OLD\_QC,NEW\_QC,VERTICAL\_SAMPLING\_SCHEME

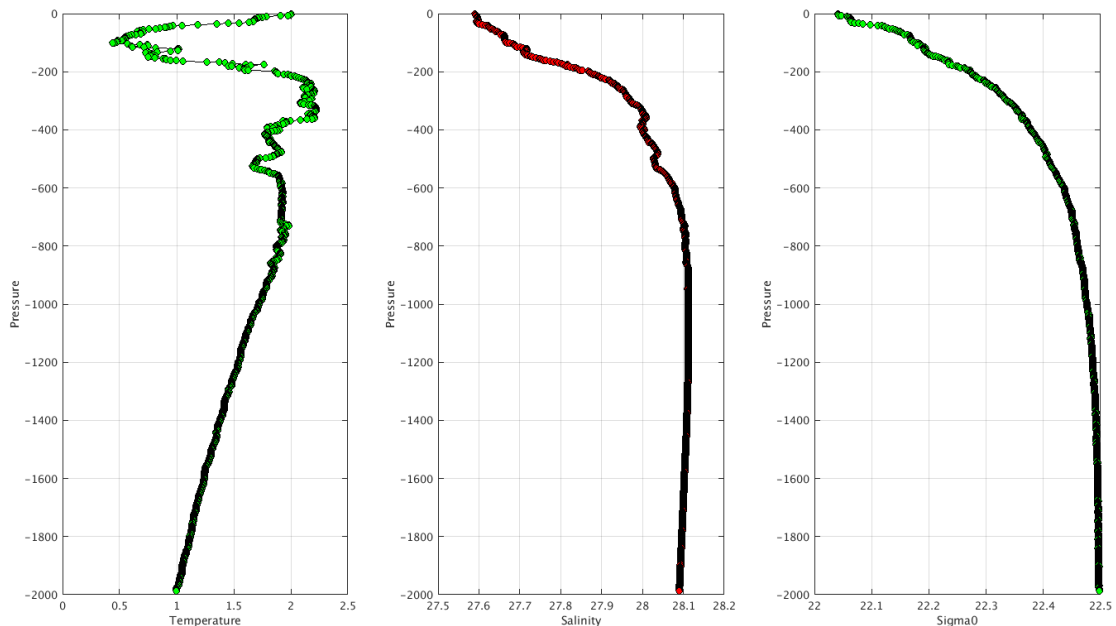
CS,7900336,216,13/12/2018 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=62644540> ,PSAL,2.6,1987.8,1,3,Primary sampling  
CS,7900336,216,13/12/2018 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=62644540> ,PSAL\_ADJUSTED,2.6,1987.8,1,3,Primary sampling  
CS,7900336,217,13/12/2018 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=62644541> ,PSAL,14.3,1995.3,1,3,Primary sampling  
CS,7900336,217,13/12/2018 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=62644541> ,PSAL\_ADJUSTED,14.3,1995.3,1,3,Primary sampling  
CS,7900336,218,13/12/2018 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=62644542> ,PSAL,2.8,1985.8,1,3,Primary sampling  
CS,7900336,218,13/12/2018 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=62644542> ,PSAL\_ADJUSTED,2.8,1985.8,1,3,Primary sampling  
CS,7900391,186,27/11/2018 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=62528032> ,PSAL,4.1,1985.4,1,4,Primary sampling  
CS,7900391,186,27/11/2018 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=62528032> ,PSAL\_ADJUSTED,4.1,1985.4,1,4,Primary sampling  
CS,7900391,187,07/12/2018 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=62624632> ,PSAL,4.1,1995.6,1,4,Primary sampling  
CS,7900391,187,07/12/2018 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=62624632> ,PSAL\_ADJUSTED,4.1,1995.6,1,4,Primary sampling  
CS,7900391,188,17/12/2018 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=62658814> ,PSAL,2.4,1986.3,1,4,Primary sampling  
CS,7900391,188,17/12/2018 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=62658814> ,PSAL\_ADJUSTED,2.4,1986.3,1,4,Primary sampling

Example of corrections:

Warning Objective Analysis Anomalies 2018 December TEMP PSAL : DAC CS- Float 7900336 - 217



Warning Objective Analysis Anomalies 2018 December TEMP PSAL : DAC CS- Float 7900391 - 188

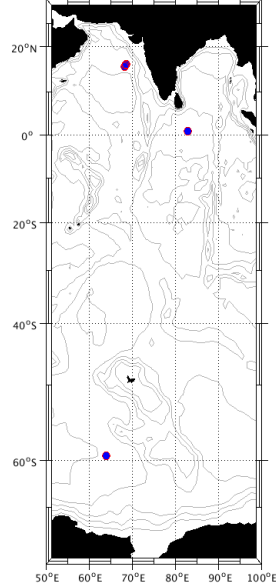


## 5. DAC INCOIS

Profiles detected by the objective analysis: 5 profiles (3 floats – float can have several cycles with anomalies)

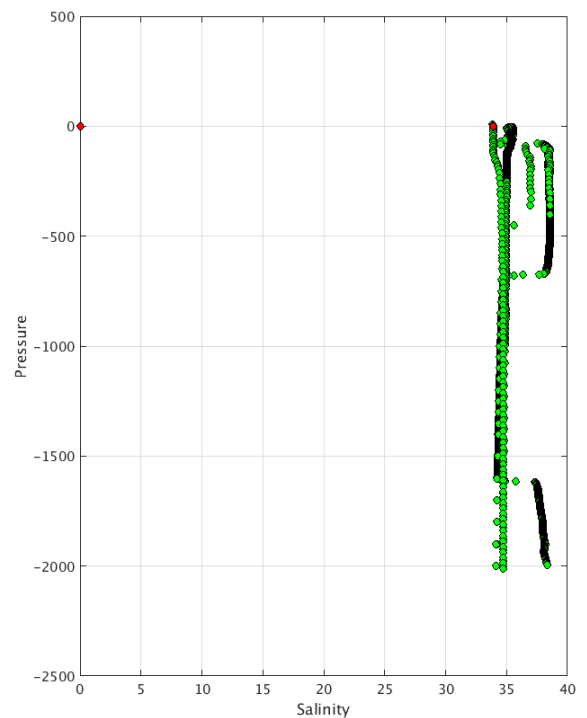
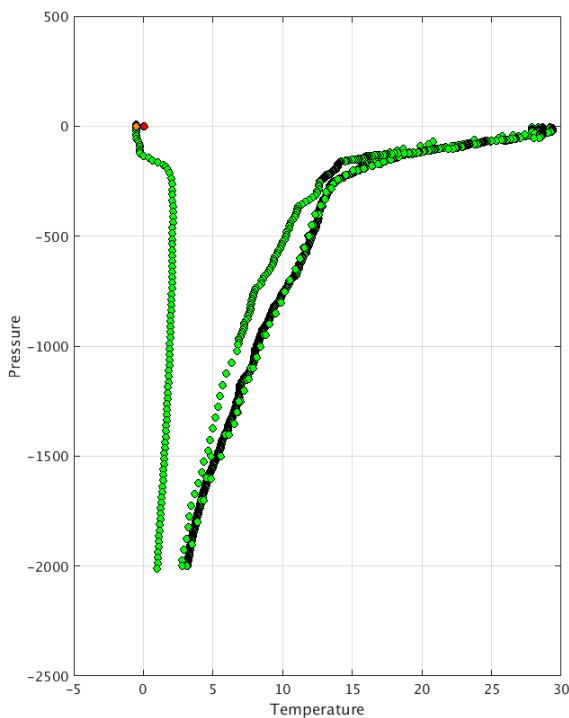
Data_mode ='R'	Data_mode ='A'	Data_mode ='D'
1 cycle	4 cycles	0 cycle

Warning Objective Analysis Anomalies 2018 December - IN



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

- Float : 2902175 - Cycle : 296 - PI : M Ravichandran - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7123 - Date : 2018 11 29
- Float : 2902175 - Cycle : 297 - PI : M Ravichandran - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7123 - Date : 2018 12 9
- Float : 2902175 - Cycle : 298 - PI : M Ravichandran - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7123 - Date : 2018 12 19
- Float : 2902239 - Cycle : 84 - PI : M Ravichandran - Data mode : R - Platform type : PROVOR\_III - WMO inst type : 836 - FLOAT SERIAL : P41305-17IN002 - Date : 2018 12 11
- Float : 2902249 - Cycle : 20 - PI : M Ravichandran - Data mode : A - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 17104 - Date : 2018 8 10



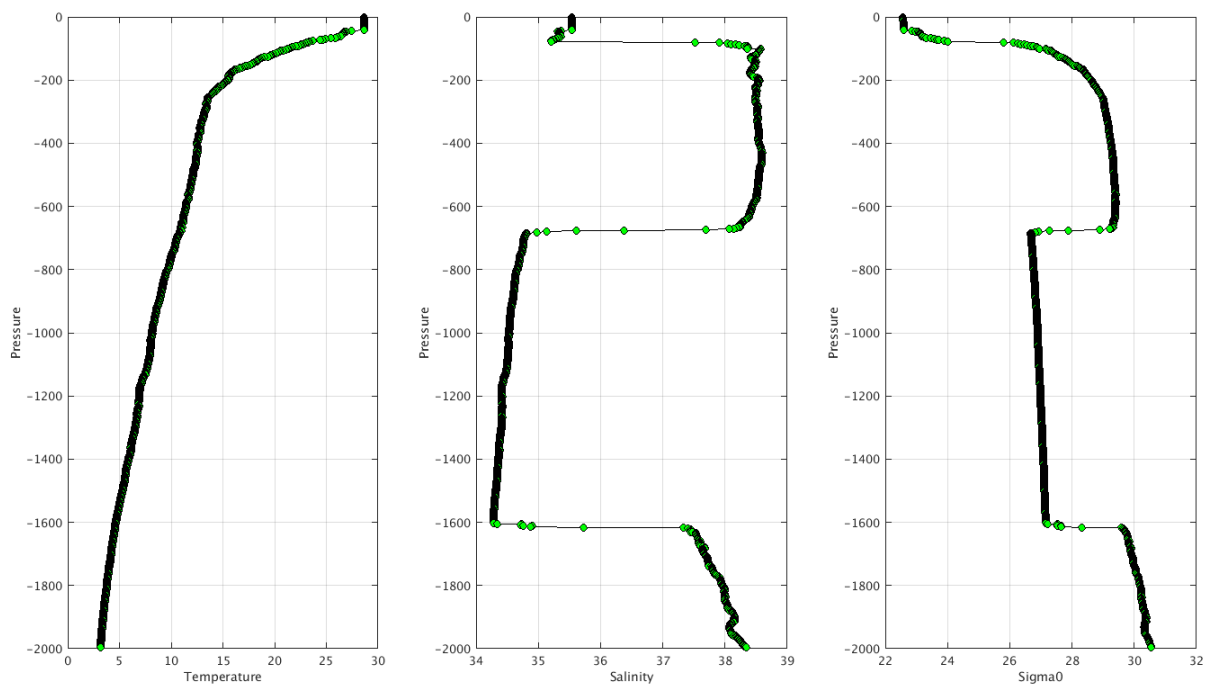


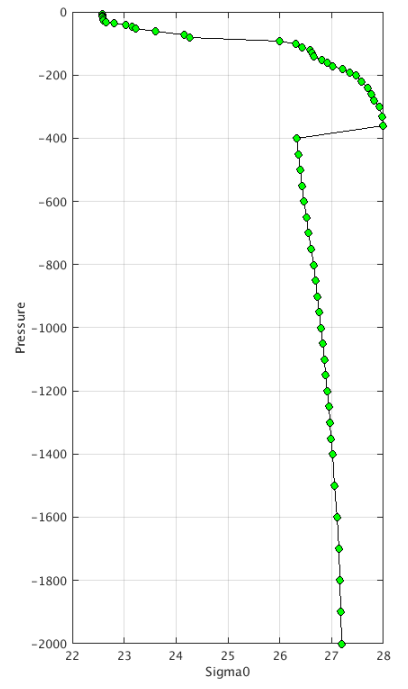
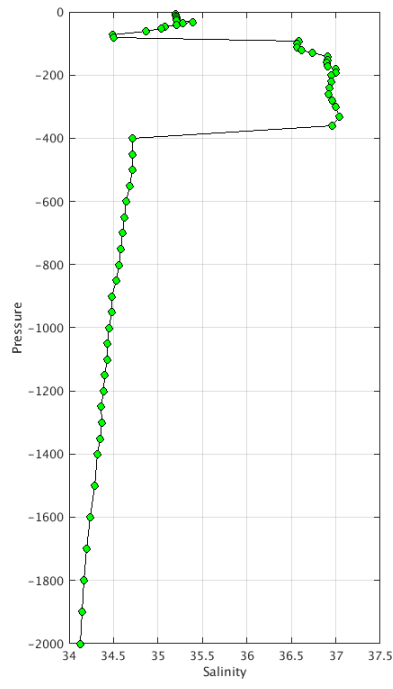
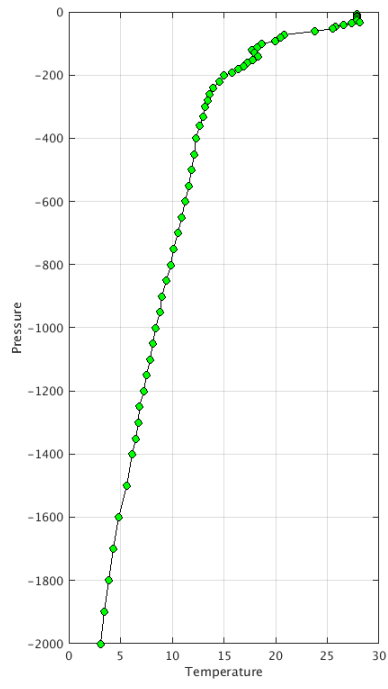
DAC\_CODE,PLATFORM\_CODE,CV\_NUMBER,DATE\_UPDATE,DIRECTION,WEB\_URL,PARAMETER,START\_IMMERSION,STOP\_IMMERSION,OLD\_QC,NEW\_QC,VERTICAL\_SAMPLING\_SCHEME

IN,2902175,296,30/11/2018 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=62553966 ,PSAL,2.8,1995.5,3,4,Primary sampling  
IN,2902175,296,30/11/2018 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=62553966 ,PSAL\_ADJUSTED,2.8,1995.5,3,4,Primary sampling  
IN,2902175,296,30/11/2018 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=62553967 ,PSAL,1801.58,1901.68,1,4,Secondary sampling  
IN,2902175,296,30/11/2018 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=62553967 ,PSAL,4.25,550.9,1,4,Secondary sampling  
IN,2902175,296,30/11/2018 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=62553967 ,PSAL,701.24,1601.54,3,4,Secondary sampling  
IN,2902175,296,30/11/2018 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=62553967 ,PSAL\_ADJUSTED,1801.58,1901.68,1,4,Secondary sampling  
IN,2902175,296,30/11/2018 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=62553967 ,PSAL\_ADJUSTED,4.25,550.9,1,4,Secondary sampling  
IN,2902175,296,30/11/2018 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=62553967 ,PSAL\_ADJUSTED,701.24,1601.54,3,4,Secondary sampling  
IN,2902175,297,10/12/2018 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=62630713 ,PSAL,5.44,1999.03,3,4,Secondary sampling  
IN,2902175,297,10/12/2018 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=62630713 ,PSAL\_ADJUSTED,5.44,1999.03,3,4,Secondary sampling  
IN,2902175,298,20/12/2018 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=62688938 ,PSAL,2.7,1995.7,3,4,Primary sampling  
IN,2902175,298,20/12/2018 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=62688938 ,PSAL\_ADJUSTED,2.7,1995.7,3,4,Primary sampling  
IN,2902175,298,20/12/2018 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=62688939 ,PSAL,5.73,361.38,3,4,Secondary sampling  
IN,2902175,298,20/12/2018 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=62688939 ,PSAL,501.16,2000.91,1,4,Secondary sampling  
IN,2902175,298,20/12/2018 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=62688939 ,PSAL\_ADJUSTED,5.73,361.38,3,4,Secondary sampling  
IN,2902175,298,20/12/2018 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=62688939 ,PSAL\_ADJUSTED,501.16,2000.91,1,4,Secondary sampling  
IN,2902239,84,11/12/2018 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=62637173 ,PSAL,5.5,6.5,1,3,Primary sampling  
IN,2902239,84,11/12/2018 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=62637173 ,PSAL,9.5,2001.3,1,3,Primary sampling  
IN,2902249,20,13/08/2018 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=60135932 ,PRES,-7,0,1,4,Primary sampling  
IN,2902249,20,13/08/2018 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=60135932 ,PRES\_ADJUSTED,-7,0,1,4,Primary sampling

Example of corrections:

Warning Objective Analysis Anomalies 2018 December TEMP PSAL : DAC IN- Float 2902175 - 296

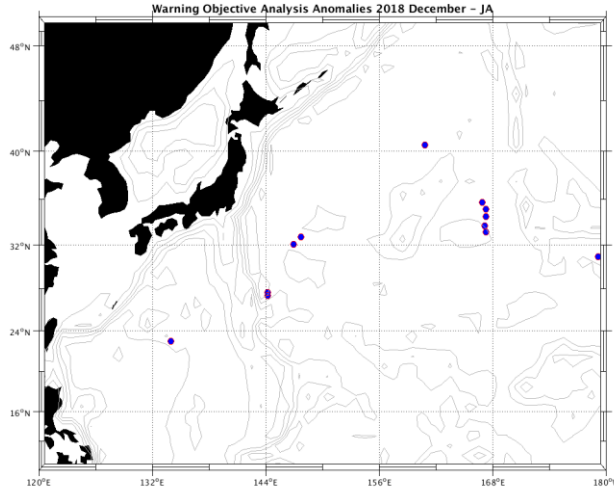




## 6. DAC JMA/JAMSTEC

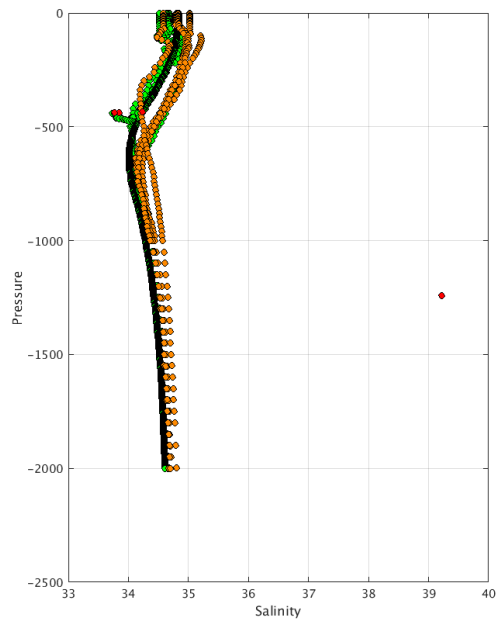
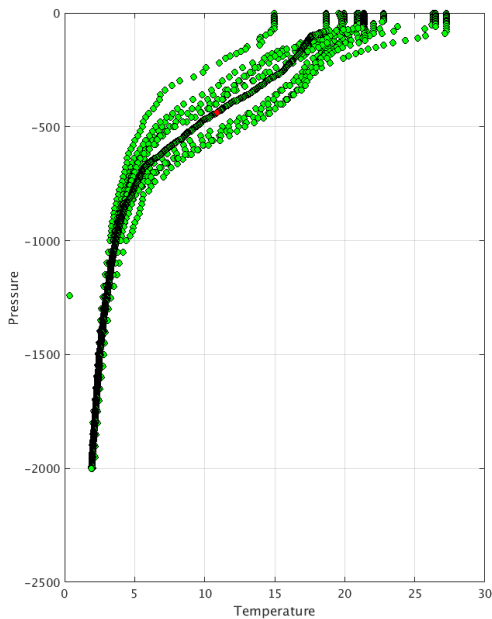
Profiles detected by the objective analysis: 12 profiles (6 floats – float can have several cycles with anomalies)

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



### Status of corrections: Correction in progress, feedbacks

- Float : 2902982 - Cycle : 167 - PI : JMA - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : OIN-15JAP-ARL-08 - Date : 2018 12 1
- Float : 2903179 - Cycle : 126 - PI : JMA - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : AK - Date : 2018 11 27
- Float : 2903179 - Cycle : 127 - PI : JMA - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : AK - Date : 2018 12 2
- Float : 2903182 - Cycle : 117 - PI : JMA - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : AK - Date : 2018 12 13
- Float : 2903188 - Cycle : 129 - PI : JMA - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : AK - Date : 2018 12 11
- Float : 2903188 - Cycle : 130 - PI : JMA - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : AK - Date : 2018 12 16
- Float : 2903203 - Cycle : 91 - PI : JMA - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : AK - Date : 2018 11 29
- Float : 2903203 - Cycle : 92 - PI : JMA - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : AK - Date : 2018 12 4
- Float : 2903203 - Cycle : 93 - PI : JMA - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : AK - Date : 2018 12 9
- Float : 2903203 - Cycle : 94 - PI : JMA - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : AK - Date : 2018 12 14
- Float : 2903203 - Cycle : 95 - PI : JMA - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : AK - Date : 2018 12 19
- Float : 4902137 - Cycle : 212 - PI : JAMSTEC - Data mode : A - Platform type : NAVIS\_A - WMO inst type : 863 - FLOAT SERIAL : 0355 - Date : 2018 12 4

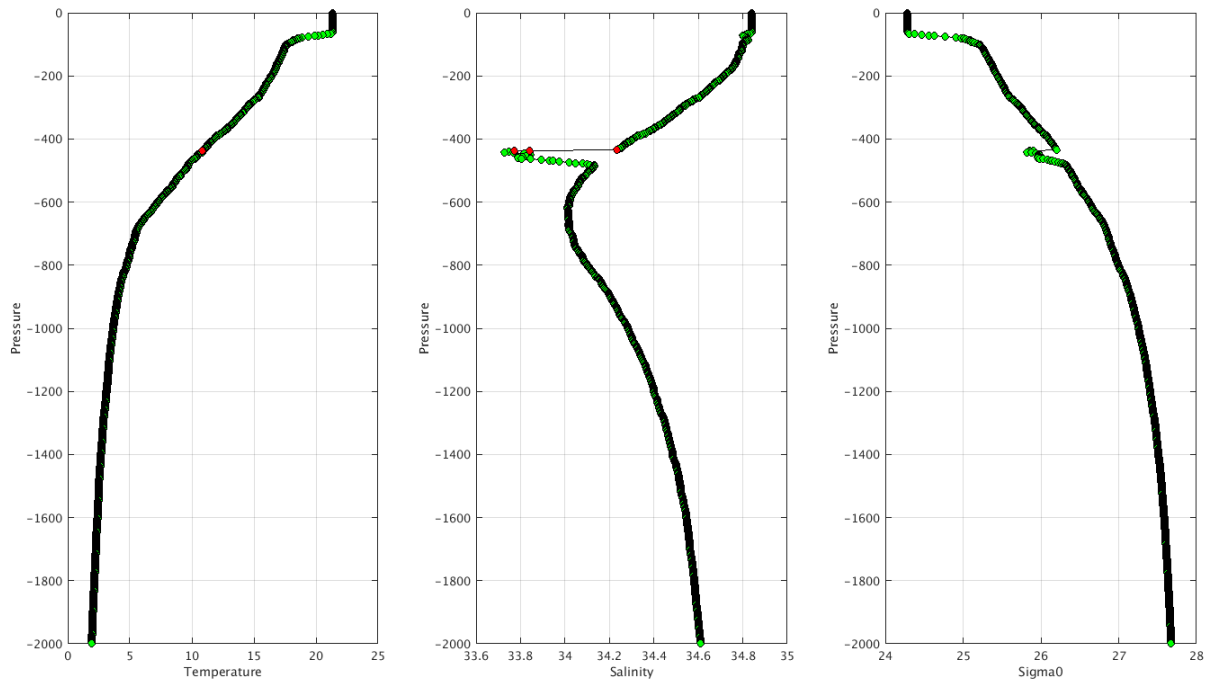


DAC\_CODE,PLATFORM\_CODE,CV\_NUMBER,DATE\_UPDATE,DIRECTION,WEB\_URL,PARAMETER,START\_IMMERSION,STOP\_IMMERSION,OLD\_QC,NEW\_QC,VERTICAL\_SAMPLING\_SCHEME

JA,2902982,167,,A,http://www.ifremer.fr/co-argoFloats/station?stationId=62580737 ,PSAL,,8,1950.8,1,3,Primary sampling  
JA,2902982,167,01/12/2018 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=62580737 ,PSAL,,8,1950.8,1,3,Primary sampling  
JA,2903179,126,01/12/2018 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=62526431 ,PSAL,,6,2000.2,1,3,Primary sampling  
JA,2903179,126,28/11/2018 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=62526431 ,PSAL,,6,2000.2,1,3,Primary sampling  
JA,2903179,127,,A,http://www.ifremer.fr/co-argoFloats/station?stationId=62594553 ,PSAL,1.7,2000.3,1,3,Primary sampling  
JA,2903179,127,02/12/2018 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=62594553 ,PSAL,1.7,2000.3,1,3,Primary sampling  
JA,2903179,127,06/12/2018 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=62594553 ,PSAL,1.7,2000.3,1,3,Primary sampling  
JA,2903182,117,13/12/2018 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=62644447 ,TEMP,1240.4,1240.4,1,4,Primary sampling  
JA,2903182,117,17/12/2018 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=62644447 ,TEMP,1240.4,1240.4,1,4,Primary sampling  
JA,2903188,129,11/12/2018 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=62637217 ,PSAL,,5,1999.2,1,3,Primary sampling  
JA,2903188,129,15/12/2018 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=62637217 ,PSAL,,5,1999.2,1,3,Primary sampling  
JA,2903188,130,16/12/2018 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=62651808 ,PSAL,1.1,1999,1,3,Primary sampling  
JA,2903188,130,20/12/2018 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=62651808 ,PSAL,1.1,1999,1,3,Primary sampling  
JA,2903203,91,03/12/2018 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=62553580 ,PSAL,,2,1999.6,1,3,Primary sampling  
JA,2903203,92,04/12/2018 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=62614951 ,PSAL,,2,1997.6,1,3,Primary sampling  
JA,2903203,92,08/12/2018 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=62614951 ,PSAL,,2,1997.6,1,3,Primary sampling  
JA,2903203,93,09/12/2018 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=62630637 ,PSAL,1.3,1996.9,1,3,Primary sampling  
JA,2903203,93,13/12/2018 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=62630637 ,PSAL,1.3,1996.9,1,3,Primary sampling  
JA,2903203,94,18/12/2018 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=62648003 ,PSAL,1.2,1997.5,1,3,Primary sampling  
JA,2903203,95,19/12/2018 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=62688875 ,PSAL,1.1,1998.3,1,3,Primary sampling  
JA,4902137,212,04/12/2018 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=62614895 ,PSAL,440,482,1,4,Primary sampling  
JA,4902137,212,04/12/2018 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=62614895 ,PSAL\_ADJUSTED,440,482,1,4,Primary sampling

Example of anomalies:

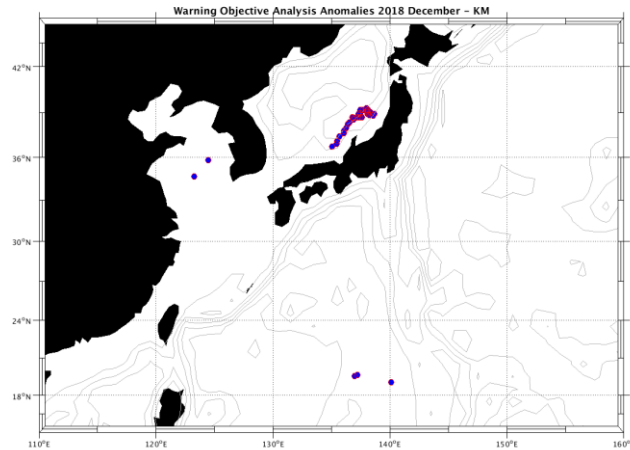
Warning Objective Analysis Anomalies 2018 December TEMP PSAL : DAC JA- Float 4902137 - 212



## 7. DAC KMA

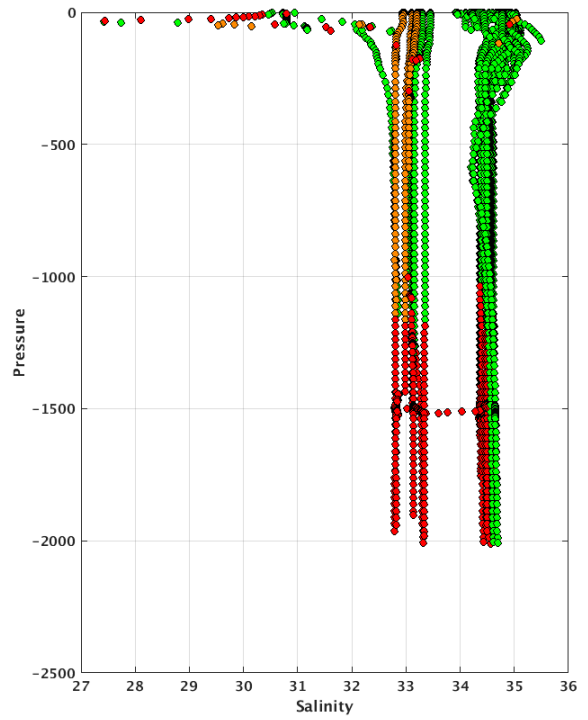
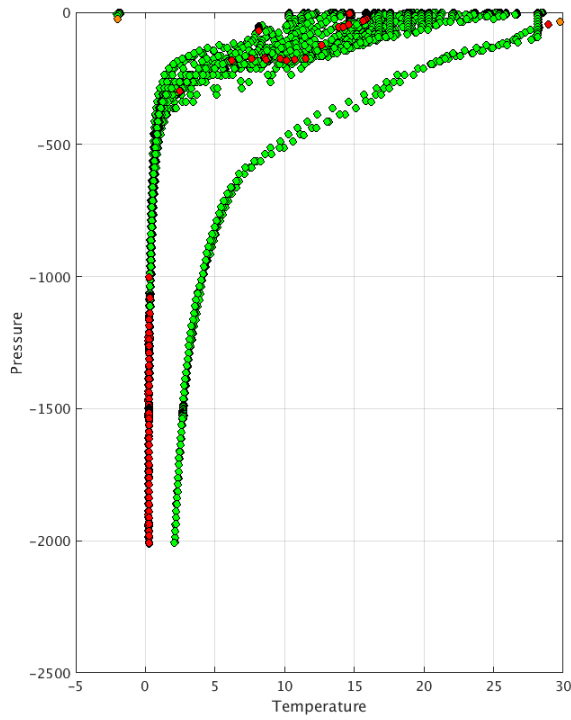
Profiles detected by the objective analysis: 36 profiles (2 floats – float can have several cycles with anomalies)

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



### Status of corrections: Correction not done, few feedbacks

Float : 2901758 - Cycle : 76 - PI : Jaeyoung Byon - Data mode : R - Platform type : ARVOR - WMO inst type : 846 - FLOAT SERIAL : n/a - Date : 2018	11	27
Float : 2901758 - Cycle : 77 - PI : Jaeyoung Byon - Data mode : R - Platform type : ARVOR - WMO inst type : 846 - FLOAT SERIAL : n/a - Date : 2018	12	7
Float : 2901758 - Cycle : 78 - PI : Jaeyoung Byon - Data mode : R - Platform type : ARVOR - WMO inst type : 846 - FLOAT SERIAL : n/a - Date : 2018	12	17
Float : 2901759 - Cycle : 60 - PI : Jaeyoung Byon - Data mode : R - Platform type : ARVOR - WMO inst type : 846 - FLOAT SERIAL : n/a - Date : 2018	3	22
Float : 2901759 - Cycle : 61 - PI : Jaeyoung Byon - Data mode : R - Platform type : ARVOR - WMO inst type : 846 - FLOAT SERIAL : n/a - Date : 2018	4	1
Float : 2901759 - Cycle : 62 - PI : Jaeyoung Byon - Data mode : R - Platform type : ARVOR - WMO inst type : 846 - FLOAT SERIAL : n/a - Date : 2018	4	11
Float : 2901759 - Cycle : 63 - PI : Jaeyoung Byon - Data mode : R - Platform type : ARVOR - WMO inst type : 846 - FLOAT SERIAL : n/a - Date : 2018	4	21
Float : 2901759 - Cycle : 64 - PI : Jaeyoung Byon - Data mode : R - Platform type : ARVOR - WMO inst type : 846 - FLOAT SERIAL : n/a - Date : 2018	5	1
Float : 2901759 - Cycle : 65 - PI : Jaeyoung Byon - Data mode : R - Platform type : ARVOR - WMO inst type : 846 - FLOAT SERIAL : n/a - Date : 2018	5	11
Float : 2901759 - Cycle : 66 - PI : Jaeyoung Byon - Data mode : R - Platform type : ARVOR - WMO inst type : 846 - FLOAT SERIAL : n/a - Date : 2018	5	21
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 : 68 - PI : Jaeyoung Byon - Data mode : R - Platform type : ARVOR - WMO inst type : 846 - FLOAT SERIAL : n/a - Date : 2018	6	10
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 : 2901759 - Cycle : 70 - PI : Jaeyoung Byon - Data mode : R - Platform type : ARVOR - WMO inst type : 846 - FLOAT SERIAL : n/a - Date : 2018	6	30
Float : 2901759 - Cycle : 71 - PI : Jaeyoung Byon - Data mode : R - Platform type : ARVOR - WMO inst type : 846 - FLOAT SERIAL : n/a - Date : 2018	7	10
Float : 2901759 - Cycle : 72 - PI : Jaeyoung Byon - Data mode : R - Platform type : ARVOR - WMO inst type : 846 - FLOAT SERIAL : n/a - Date : 2018	7	20
Float : 2901759 - Cycle : 73 - PI : Jaeyoung Byon - Data mode : R - Platform type : ARVOR - WMO inst type : 846 - FLOAT SERIAL : n/a - Date : 2018	7	30
Float : 2901759 - Cycle : 74 - PI : Jaeyoung Byon - Data mode : R - Platform type : ARVOR - WMO inst type : 846 - FLOAT SERIAL : n/a - Date : 2018	8	9
Float : 2901759 - Cycle : 75 - PI : Jaeyoung Byon - Data mode : R - Platform type : ARVOR - WMO inst type : 846 - FLOAT SERIAL : n/a - Date : 2018	8	19
Float : 2901759 - Cycle : 76 - PI : Jaeyoung Byon - Data mode : R - Platform type : ARVOR - WMO inst type : 846 - FLOAT SERIAL : n/a - Date : 2018	8	29
Float : 2901759 - Cycle : 77 - PI : Jaeyoung Byon - Data mode : R - Platform type : ARVOR - WMO inst type : 846 - FLOAT SERIAL : n/a - Date : 2018	9	8
Float : 2901759 - Cycle : 78 - PI : Jaeyoung Byon - Data mode : R - Platform type : ARVOR - WMO inst type : 846 - FLOAT SERIAL : n/a - Date : 2018	9	18
Float : 2901759 - Cycle : 79 - PI : Jaeyoung Byon - Data mode : R - Platform type : ARVOR - WMO inst type : 846 - FLOAT SERIAL : n/a - Date : 2018	9	28
Float : 2901759 - Cycle : 80 - PI : Jaeyoung Byon - Data mode : R - Platform type : ARVOR - WMO inst type : 846 - FLOAT SERIAL : n/a - Date : 2018	10	8
Float : 2901759 - Cycle : 81 - PI : Jaeyoung Byon - Data mode : R - Platform type : ARVOR - WMO inst type : 846 - FLOAT SERIAL : n/a - Date : 2018	10	18
Float : 2901759 - Cycle : 82 - PI : Jaeyoung Byon - Data mode : R - Platform type : ARVOR - WMO inst type : 846 - FLOAT SERIAL : n/a - Date : 2018	10	28
Float : 2901759 - Cycle : 83 - PI : Jaeyoung Byon - Data mode : R - Platform type : ARVOR - WMO inst type : 846 - FLOAT SERIAL : n/a - Date : 2018	11	7
Float : 2901759 - Cycle : 84 - PI : Jaeyoung Byon - Data mode : R - Platform type : ARVOR - WMO inst type : 846 - FLOAT SERIAL : n/a - Date : 2018	11	17
Float : 2901759 - Cycle : 85 - PI : Jaeyoung Byon - Data mode : R - Platform type : ARVOR - WMO inst type : 846 - FLOAT SERIAL : n/a - Date : 2018	11	27
Float : 2901759 - Cycle : 86 - PI : Jaeyoung Byon - Data mode : R - Platform type : ARVOR - WMO inst type : 846 - FLOAT SERIAL : n/a - Date : 2018	12	7
Float : 2901759 - Cycle : 87 - PI : Jaeyoung Byon - Data mode : R - Platform type : ARVOR - WMO inst type : 846 - FLOAT SERIAL : n/a - Date : 2018	12	17
Float : 2901765 - Cycle : 1 - PI : Jaeyoung Byon - Data mode : R - INST REF : ARVOR Profiling Float - Date : 2016	8	11
Float : 2901765 - Cycle : 85 - PI : Jaeyoung Byon - Data mode : R - Platform type : ARVOR - WMO inst type : 846 - FLOAT SERIAL : n/a - Date : 2018	11	29
Float : 2901765 - Cycle : 87 - PI : Jaeyoung Byon - Data mode : R - Platform type : ARVOR - WMO inst type : 846 - FLOAT SERIAL : n/a - Date : 2018	12	19
Float : 2901782 - Cycle : 137 - PI : KiRyong Kang - Data mode : R - Platform type : ARVOR - WMO inst type : 846 - FLOAT SERIAL : n/a - Date : 2018	12	10
Float : 2901787 - Cycle : 13 - PI : KiRyong Kang - Data mode : R - Platform type : ARVOR - WMO inst type : 846 - FLOAT SERIAL : n/a - Date : 2018	11	25



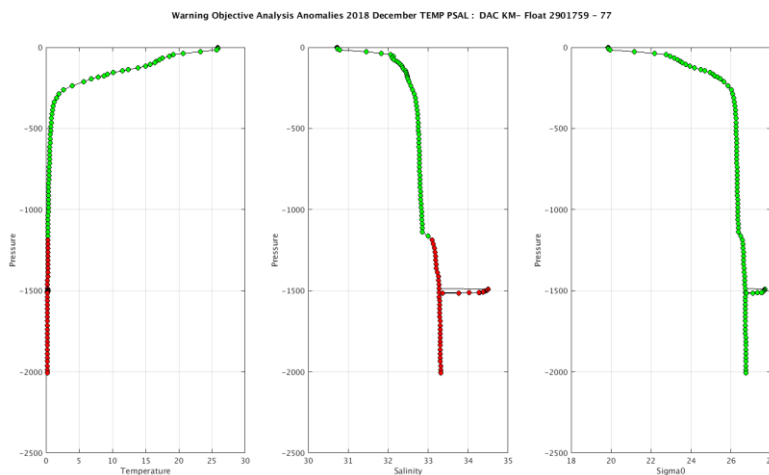
DAC\_CODE,PLATFORM\_CODE,CV\_NUMBER,DATE\_UPDATE,DIRECTION,WEB\_URL,PARAMETER,START\_IMMERSION,STOP\_IMMERSION,OLD\_QC,NEW\_QC,VERTICAL\_SAMPLING\_SCHEME

KM,2901758,76,28/11/2018 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=62524768> ,PSAL,1,1012,1,3,Primary sampling  
 KM,2901758,77,08/12/2018 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=62627089> ,PSAL,1,1113,1,3,Primary sampling  
 KM,2901758,78,18/12/2018 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=62662460> ,PSAL,1,1088,1,4,Primary sampling  
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 KM,2901758,78,18/12/2018 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=62662460> ,TEMP,1,1755,4,1,Primary sampling  
 KM,2901759,60,23/03/2018 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=55134421> ,PSAL,1,1163,3,4,Primary sampling  
 KM,2901759,61,02/04/2018 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=55237889> ,PSAL,1,1188,3,4,Primary sampling  
 KM,2901759,62,12/04/2018 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=55335248> ,PSAL,1,1139,3,4,Primary sampling  
 KM,2901759,63,22/04/2018 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=55578353> ,PSAL,1,1013,3,4,Primary sampling  
 KM,2901759,64,02/05/2018 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=56134408> ,PSAL,1,1238,3,4,Primary sampling  
 KM,2901759,65,12/05/2018 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=59219793> ,PSAL,1,1213,3,4,Primary sampling  
 KM,2901759,66,22/05/2018 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=59291224> ,PSAL,1,1113,3,4,Primary sampling  
 KM,2901759,67,01/06/2018 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=59406878> ,PSAL,1,1213,3,4,Primary sampling  
 KM,2901759,68,11/06/2018 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=59503091> ,PSAL,1,1238,1,4,Primary sampling  
 KM,2901759,69,21/06/2018 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=59598467> ,PSAL,1,1213,3,4,Primary sampling  
 KM,2901759,70,01/07/2018 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=59698149> ,PSAL,1,1313,3,4,Primary sampling  
 KM,2901759,71,13/07/2018 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=59839009> ,PSAL,1,1088,3,4,Primary sampling  
 KM,2901759,72,21/07/2018 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=59907048> ,PSAL,4,1113,3,4,Primary sampling  
 KM,2901759,73,31/07/2018 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=60027815> ,PSAL,1,1088,3,4,Primary sampling  
 KM,2901759,74,10/08/2018 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=60132848> ,PSAL,1,1063,1,4,Primary sampling  
 KM,2901759,75,20/08/2018 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=60220199> ,PSAL,1,1188,1,4,Primary sampling  
 KM,2901759,76,30/08/2018 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=60315584> ,PSAL,1,1113,1,4,Primary sampling  
 KM,2901759,77,09/09/2018 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=60970749> ,PSAL,1,1164,3,4,Primary sampling  
 KM,2901759,78,19/09/2018 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=61215265> ,PSAL,1,116,3,4,Primary sampling  
 KM,2901759,78,19/09/2018 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=61215265> ,PSAL,136,1188,3,4,Primary sampling  
 KM,2901759,79,21/11/2018 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=61307055> ,PSAL,1,1138,3,4,Primary sampling  
 KM,2901759,80,21/11/2018 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=61397873> ,PSAL,1,1163,3,4,Primary sampling  
 KM,2901759,81,21/11/2018 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=61539573> ,PSAL,1,173,3,4,Primary sampling  
 KM,2901759,81,21/11/2018 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=61539573> ,PSAL,175,177,3,4,Primary sampling  
 KM,2901759,81,21/11/2018 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=61539573> ,PSAL,179,181,3,4,Primary sampling  
 KM,2901759,82,21/11/2018 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=61792954> ,PSAL,1,589,3,4,Primary sampling  
 KM,2901759,83,08/11/2018 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=62376334> ,PSAL,1,296,1,4,Primary sampling  
 KM,2901759,83,08/11/2018 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=62376334> ,PSAL,1,296,3,4,Primary sampling  
 KM,2901759,83,08/11/2018 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=62376334> ,PSAL,298,986,1,4,Primary sampling  
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 KM,2901759,84,18/11/2018 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=62414116> ,PSAL,1,1069,1,4,Primary sampling  
 KM,2901759,84,18/11/2018 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=62414116> ,PSAL,1,1069,3,4,Primary sampling

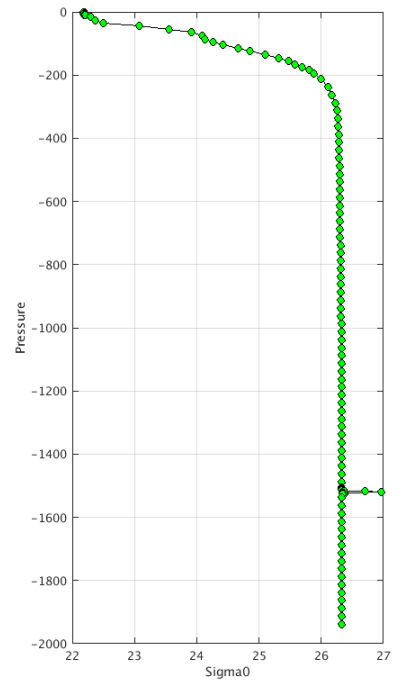
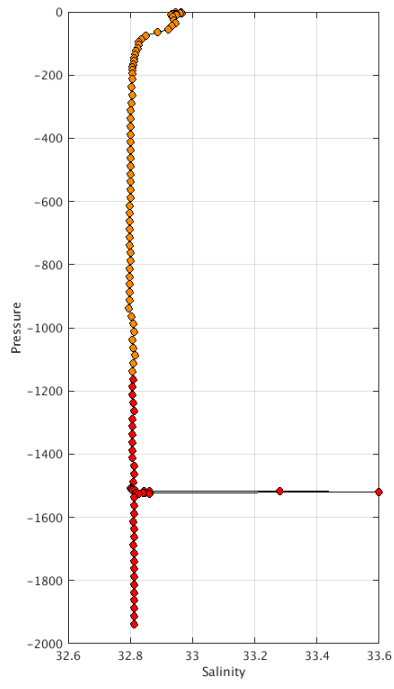
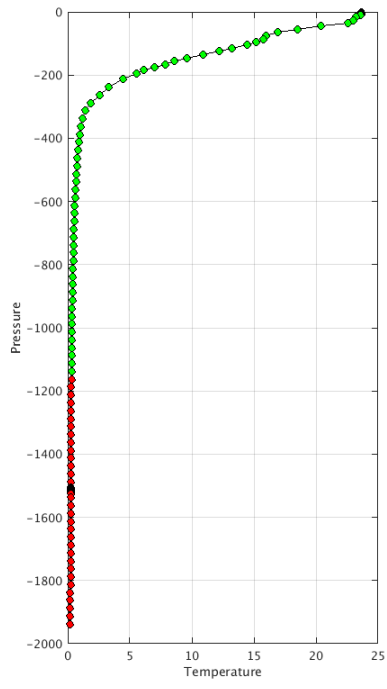


KM,2901759,84,18/11/2018 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=62414116 ,PSAL,1073,1073,1,4,Primary sampling  
 KM,2901759,84,18/11/2018 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=62414116 ,PSAL,1073,1073,3,4,Primary sampling  
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 KM,2901759,84,18/11/2018 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=62414116 ,PSAL,1078,1080,1,4,Primary sampling  
 KM,2901759,84,18/11/2018 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=62414116 ,PSAL,1078,1080,3,4,Primary sampling  
 KM,2901759,84,18/11/2018 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=62414116 ,PSAL,1083,1113,1,4,Primary sampling  
 KM,2901759,84,18/11/2018 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=62414116 ,PSAL,1083,1113,3,4,Primary sampling  
 KM,2901759,85,28/11/2018 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=62524772 ,PSAL,1,1188,1,3,Primary sampling  
 KM,2901759,85,28/11/2018 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=62524772 ,PSAL,1,1188,1,4,Primary sampling  
 KM,2901759,85,28/11/2018 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=62524772 ,PSAL,1,1188,3,4,Primary sampling  
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 KM,2901759,85,28/11/2018 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=62524772 ,PSAL,1213,1213,3,4,Primary sampling  
 KM,2901759,85,28/11/2018 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=62524772 ,PSAL,1238,1238,1,3,Primary sampling  
 KM,2901759,85,28/11/2018 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=62524772 ,PSAL,1238,1238,1,4,Primary sampling  
 KM,2901759,85,28/11/2018 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=62524772 ,PSAL,1238,1238,3,4,Primary sampling  
 KM,2901759,85,28/11/2018 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=62524772 ,PSAL,1263,1263,1,3,Primary sampling  
 KM,2901759,85,28/11/2018 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=62524772 ,PSAL,1263,1263,1,4,Primary sampling  
 KM,2901759,85,28/11/2018 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=62524772 ,PSAL,1263,1263,3,4,Primary sampling  
 KM,2901759,85,28/11/2018 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=62524772 ,PSAL,1288,1288,1,3,Primary sampling  
 KM,2901759,85,28/11/2018 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=62524772 ,PSAL,1288,1288,1,4,Primary sampling  
 KM,2901759,85,28/11/2018 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=62524772 ,PSAL,1288,1288,3,4,Primary sampling  
 KM,2901759,86,08/12/2018 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=62627090 ,PSAL,1,1338,1,3,Primary sampling  
 KM,2901759,86,08/12/2018 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=62627090 ,PSAL,1,1338,1,4,Primary sampling  
 KM,2901759,86,08/12/2018 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=62627090 ,PSAL,1,1338,3,4,Primary sampling  
 KM,2901759,87,18/12/2018 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=62662461 ,PSAL,1,1163,1,4,Primary sampling  
 KM,2901759,87,18/12/2018 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=62662461 ,TEMP,1188,1982,4,1,Primary sampling  
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 KM,2901765,85,30/11/2018 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=62560747 ,PSAL,1,2007,1,3,Primary sampling  
 KM,2901765,87,20/12/2018 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=62691290 ,PSAL,1,1962,1,3,Primary sampling  
 KM,2901782,137,10/12/2018 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=62633980 ,PSAL,1,1,1,4,Primary sampling  
 KM,2901782,137,10/12/2018 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=62633980 ,PSAL,53,54,3,4,Primary sampling  
 KM,2901782,137,10/12/2018 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=62633980 ,PSAL,57,57,1,4,Primary sampling  
 KM,2901782,137,10/12/2018 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=62633980 ,PSAL,7,44,1,4,Primary sampling  
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 KM,2901782,137,10/12/2018 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=62633980 ,TEMP,7,44,1,4,Primary sampling  
 KM,2901787,13,25/11/2018 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=62500496 ,PSAL,2,7,1,4,Primary sampling  
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 KM,2901787,13,25/11/2018 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=62500496 ,PSAL,70,72,1,4,Primary sampling  
 KM,2901787,13,25/11/2018 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=62500496 ,TEMP,2,7,1,4,Primary sampling  
 KM,2901787,13,25/11/2018 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=62500496 ,TEMP,35,67,1,4,Primary sampling  
 KM,2901787,13,25/11/2018 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=62500496 ,TEMP,70,72,1,4,Primary sampling

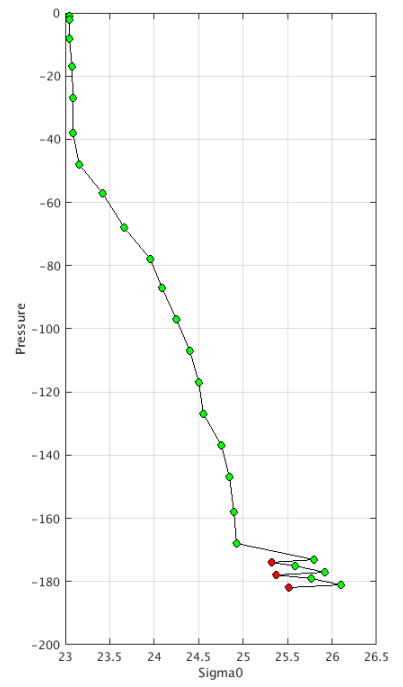
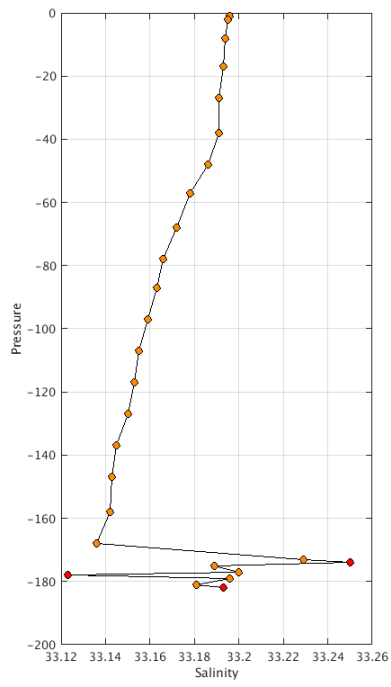
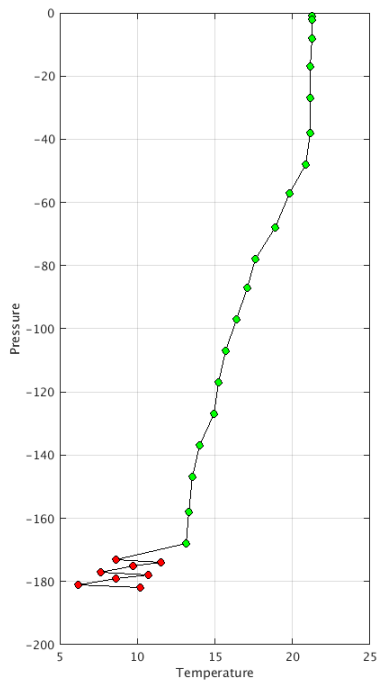
Example of anomalies:



Warning Objective Analysis Anomalies 2018 December TEMP PSAL : DAC KM- Float 2901759 - 79



Warning Objective Analysis Anomalies 2018 December TEMP PSAL : DAC KM- Float 2901759 - 81



## 8. DAC KORDI/KIOST

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

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

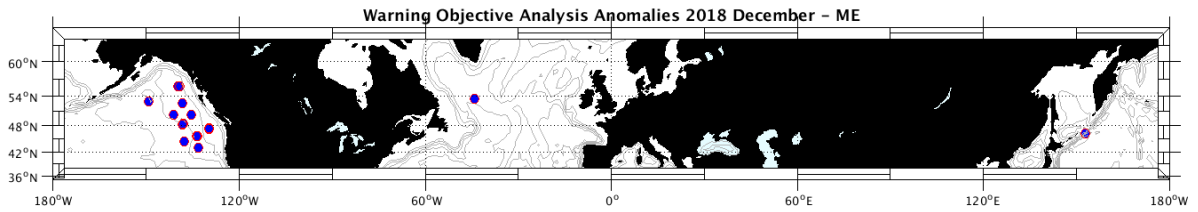
**Status of corrections:**

**Example of anomalies:**

## 9. DAC MEDS

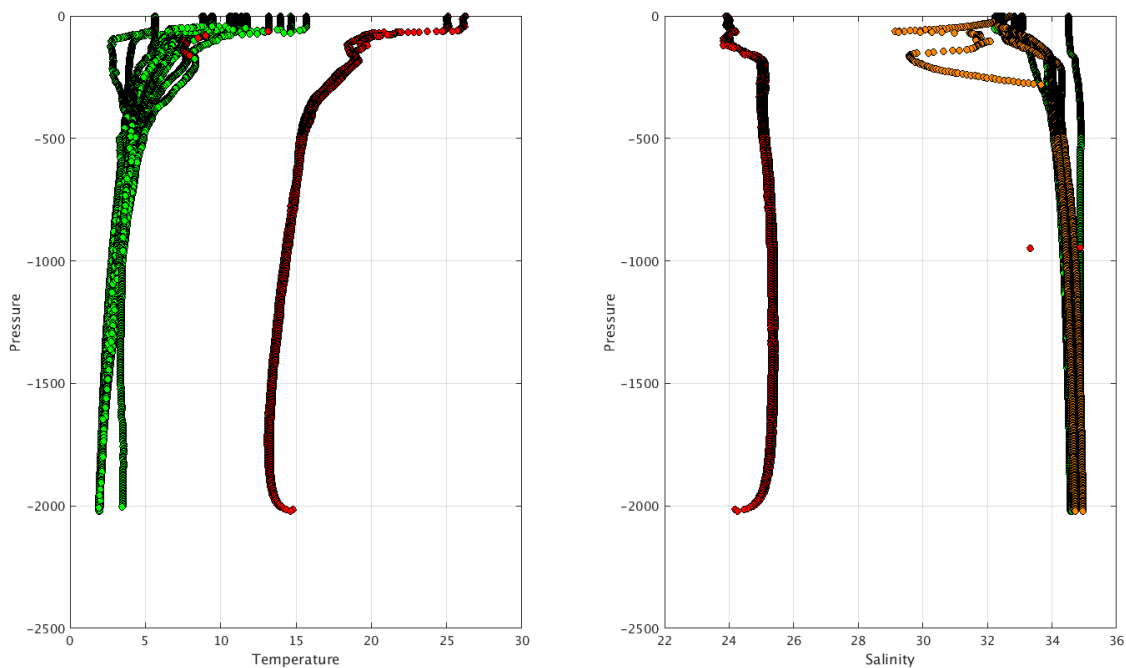
Profiles detected by the objective analysis: 19 profiles (12 floats – float can have several cycles with anomalies)

Data_mode = 'R'	Data_mode = 'A'	Data_mode = 'D'
0 cycle	19 cycles	0 cycle



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

Float : 4901733 - Cycle : 197 - PI : Blair Greenan - Data mode : A - Platform type : NOVA - WMO inst type : 865 - FLOAT SERIAL : 63 - Date : 2018 11 29  
 Float : 4901734 - Cycle : 197 - PI : Blair Greenan - Data mode : A - Platform type : NOVA - WMO inst type : 865 - FLOAT SERIAL : 64 - Date : 2018 11 30  
 Float : 4901735 - Cycle : 197 - PI : Blair Greenan - Data mode : A - Platform type : NOVA - WMO inst type : 865 - FLOAT SERIAL : 65 - Date : 2018 11 29  
 Float : 4901737 - Cycle : 197 - PI : Blair Greenan - Data mode : A - Platform type : NOVA - WMO inst type : 865 - FLOAT SERIAL : 67 - Date : 2018 11 30  
 Float : 4901772 - Cycle : 124 - PI : Blair Greenan - Data mode : A - Platform type : NOVA - WMO inst type : 865 - FLOAT SERIAL : 188 - Date : 2018 11 26  
 Float : 4901772 - Cycle : 125 - PI : Blair Greenan - Data mode : A - Platform type : NOVA - WMO inst type : 865 - FLOAT SERIAL : 188 - Date : 2018 12 6  
 Float : 4901774 - Cycle : 124 - PI : Blair Greenan - Data mode : A - Platform type : NOVA - WMO inst type : 865 - FLOAT SERIAL : 190 - Date : 2018 11 28  
 Float : 4901774 - Cycle : 125 - PI : Blair Greenan - Data mode : A - Platform type : NOVA - WMO inst type : 865 - FLOAT SERIAL : 190 - Date : 2018 12 8  
 Float : 4901776 - Cycle : 124 - PI : Blair Greenan - Data mode : A - Platform type : NOVA - WMO inst type : 865 - FLOAT SERIAL : 192 - Date : 2018 11 27  
 Float : 4901784 - Cycle : 124 - PI : Blair Greenan - Data mode : A - Platform type : NOVA - WMO inst type : 865 - FLOAT SERIAL : 200 - Date : 2018 11 26  
 Float : 4901784 - Cycle : 125 - PI : Blair Greenan - Data mode : A - Platform type : NOVA - WMO inst type : 865 - FLOAT SERIAL : 200 - Date : 2018 12 6  
 Float : 4901823 - Cycle : 90 - PI : Blair Greenan - Data mode : A - Platform type : NOVA - WMO inst type : 865 - FLOAT SERIAL : 329 - Date : 2018 11 30  
 Float : 4901823 - Cycle : 91 - PI : Blair Greenan - Data mode : A - Platform type : NOVA - WMO inst type : 865 - FLOAT SERIAL : 329 - Date : 2018 12 10  
 Float : 4901823 - Cycle : 92 - PI : Blair Greenan - Data mode : A - Platform type : NOVA - WMO inst type : 865 - FLOAT SERIAL : 329 - Date : 2018 12 20  
 Float : 4901824 - Cycle : 90 - PI : Blair Greenan - Data mode : A - Platform type : NOVA - WMO inst type : 865 - FLOAT SERIAL : 330 - Date : 2018 11 27  
 Float : 4901824 - Cycle : 91 - PI : Blair Greenan - Data mode : A - Platform type : NOVA - WMO inst type : 865 - FLOAT SERIAL : 330 - Date : 2018 12 7  
 Float : 4901825 - Cycle : 87 - PI : Blair Greenan - Data mode : A - Platform type : NOVA - WMO inst type : 865 - FLOAT SERIAL : 331 - Date : 2018 11 24  
 Float : 4901825 - Cycle : 88 - PI : Blair Greenan - Data mode : A - Platform type : NOVA - WMO inst type : 865 - FLOAT SERIAL : 331 - Date : 2018 12 4  
 Float : 4902399 - Cycle : 44 - PI : Blair Greenan - Data mode : A - Platform type : NOVA - WMO inst type : 865 - FLOAT SERIAL : 435 - Date : 2018 11 24



DAC\_CODE,PLATFORM\_CODE,CV\_NUMBER,DATE\_UPDATE,DIRECTION,WEB\_URL,PARAMETER,START\_IMMERSION,STOP\_IMMERSION,OLD\_QC,NEW\_QC,VERTICAL\_SAMPLING\_SCHEME  
 ME,4901733,197,29/11/2018 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=62553565> ,PRES,2.1,2.1,1,4,Primary sampling























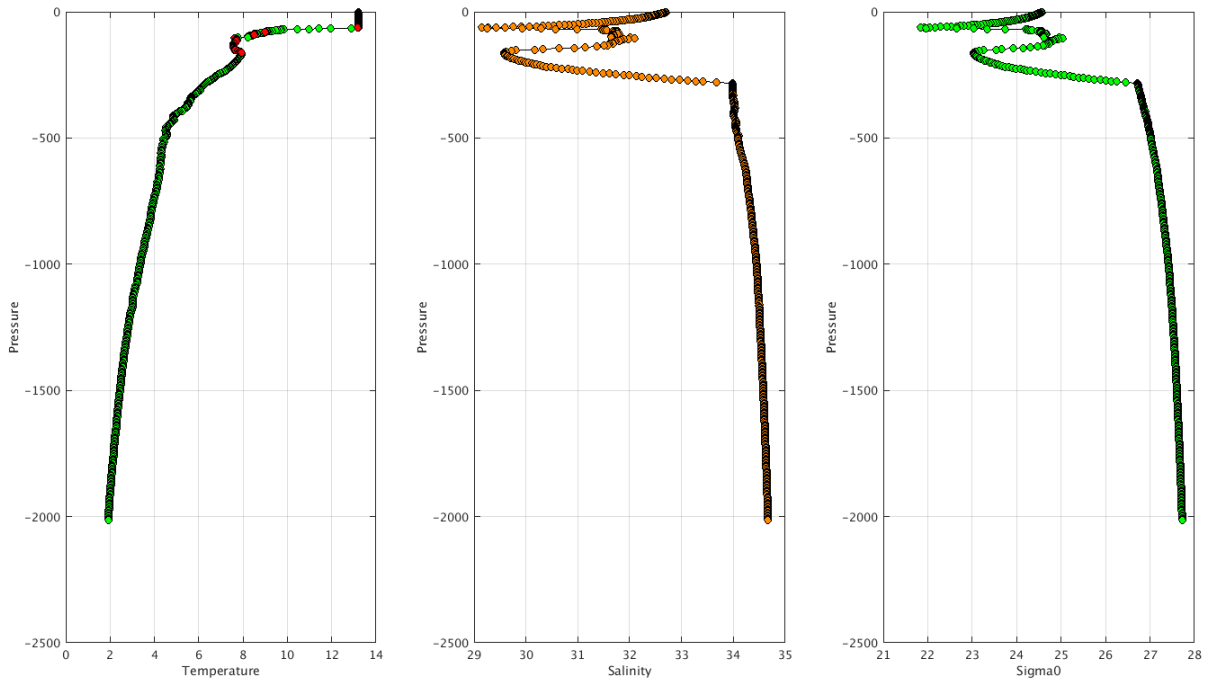




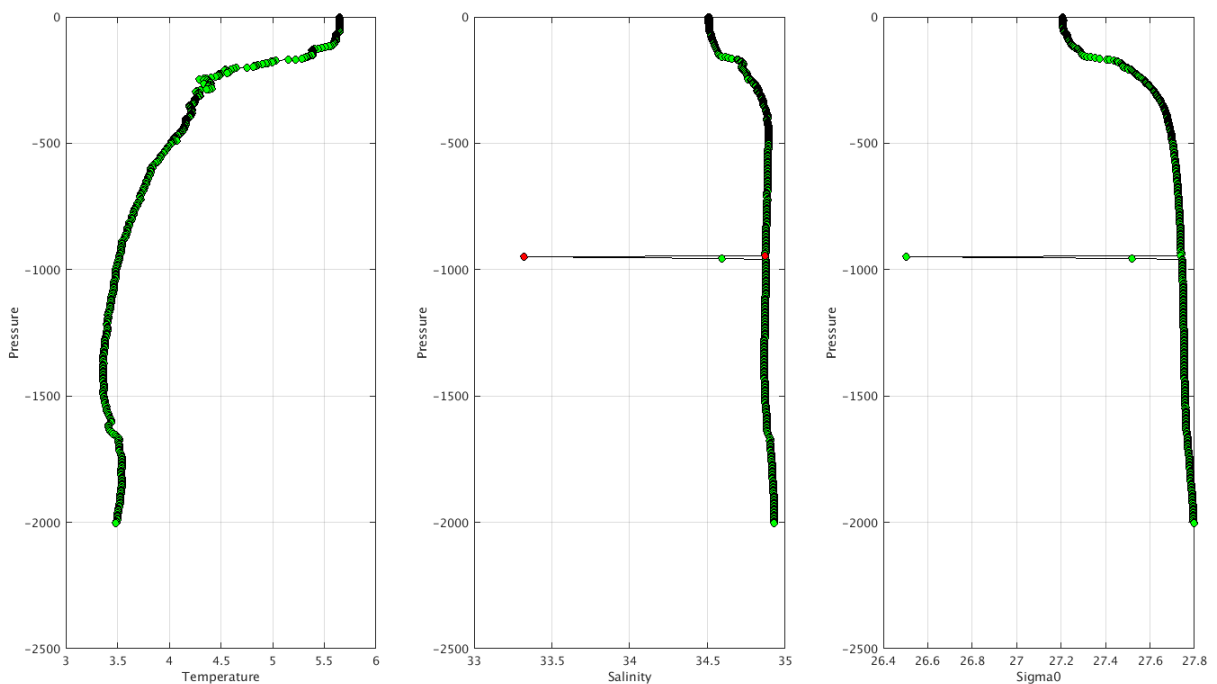
ME,4901824,91,11/12/2018 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=62627113 ,TEMP\_ADJUSTED,2020.4,2020.4,1,4,Primary sampling  
 ME,4901824,91,11/12/2018 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=62627113 ,TEMP\_ADJUSTED,37,115,1,4,Primary sampling  
 ME,4901825,87,29/11/2018 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=62552855 ,PSAL,1.5,2018.6,1,3,Primary sampling  
 ME,4901825,87,29/11/2018 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=62552855 ,PSAL\_ADJUSTED,1.5,2018.6,1,3,Primary sampling  
 ME,4901825,88,04/12/2018 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=62614988 ,PSAL,2,2020.1,1,3,Primary sampling  
 ME,4901825,88,04/12/2018 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=62614988 ,PSAL\_ADJUSTED,2,2020.1,1,3,Primary sampling  
 ME,4902391,58,29/11/2018 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=62552856 ,PSAL,1.5,2018.6,1,3,Primary sampling  
 ME,4902391,58,29/11/2018 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=62552856 ,PSAL\_ADJUSTED,1.5,2018.6,1,3,Primary sampling  
 ME,4902399,44,29/11/2018 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=62497591 ,PSAL,955.1,955.1,1,4,Primary sampling  
 ME,4902399,44,29/11/2018 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=62497591 ,PSAL\_ADJUSTED,955.1,955.1,1,4,Primary sampling

Example of anomalies:

Warning Objective Analysis Anomalies 2018 December TEMP PSAL : DAC ME- Float 4901772 - 125



Warning Objective Analysis Anomalies 2018 December TEMP PSAL : DAC ME- Float 4902399 - 44



## 10. DAC NMDIS

Profiles detected by the objective analysis: 0 profiles (0 floats – float can have several cycles with anomalies)

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

INACTIVE FLOATS

### Status of corrections:

7

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

### 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 : 6989**

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 -

2901438 - Existing nc files

File : 2901438\_Rtraj.nc - 2901438\_meta.nc - 2901438\_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 -

4900433 - Existing nc files  
File : 4900433\_Rtraj.nc - 4900433\_meta.nc - 4900433\_tech.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 -

5905641 - Existing nc files  
File : 5905641\_Rtraj.nc - 5905641\_meta.nc - 5905641\_prof.nc -

## 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 : 683**

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

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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

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1901862 - Existing nc files

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

1901863 - Existing nc files

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1901864 - Existing nc files

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1901865 - Existing nc files

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1901866 - Existing nc files

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1901867 - Existing nc files

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1901868 - Existing nc files

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1901869 - Existing nc files

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1901870 - Existing nc files

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1901871 - Existing nc files

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1901872 - Existing nc files

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1901881 - Existing nc files

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1901882 - Existing nc files

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1901883 - Existing nc files

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1901884 - Existing nc files

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1901885 - Existing nc files  
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1901886 - Existing nc files  
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1901887 - Existing nc files  
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1901888 - Existing nc files  
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1901897 - Existing nc files  
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1901898 - Existing nc files  
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1901899 - Existing nc files  
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1901900 - Existing nc files  
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1901907 - Existing nc files  
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1901909 - Existing nc files  
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1901910 - Existing nc files  
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2901899 - Existing nc files  
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2901900 - Existing nc files  
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2901902 - Existing nc files  
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2901903 - Existing nc files  
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2901904 - Existing nc files  
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2901905 - Existing nc files  
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3900538 - Existing nc files  
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3900559 - Existing nc files  
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3900560 - Existing nc files  
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3901488 - Existing nc files  
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3901489 - Existing nc files  
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3901490 - Existing nc files  
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3901491 - Existing nc files  
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3901492 - Existing nc files  
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3901493 - Existing nc files  
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3901494 - Existing nc files  
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3901495 - Existing nc files  
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3901499 - Existing nc files  
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3901500 - Existing nc files  
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3901501 - Existing nc files  
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3901502 - Existing nc files  
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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 -

3901548 - Existing nc files  
File : 3901548\_meta.nc - 3901548\_prof.nc - 3901548\_tech.nc -

3901549 - Existing nc files  
File : 3901549\_meta.nc - 3901549\_prof.nc - 3901549\_tech.nc -

3901550 - Existing nc files  
File : 3901550\_meta.nc - 3901550\_prof.nc - 3901550\_tech.nc -

3901551 - Existing nc files  
File : 3901551\_meta.nc - 3901551\_prof.nc - 3901551\_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 -

6901211 - Existing nc files  
File : 6901211\_meta.nc - 6901211\_prof.nc - 6901211\_tech.nc -

6901212 - Existing nc files  
File : 6901212\_meta.nc - 6901212\_prof.nc - 6901212\_tech.nc -

6901213 - Existing nc files  
File : 6901213\_meta.nc - 6901213\_prof.nc - 6901213\_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)

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#### 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 : 2772

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 -

6902583 - Existing nc files

File : 6902583\_Rtraj.nc - 6902583\_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 -

6903185 - Existing nc files

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

6903193 - Existing nc files

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

6903226 - Existing nc files

File : 6903226\_Rtraj.nc - 6903226\_meta.nc -

6903243 - Existing nc files

File : 6903243\_Rtraj.nc - 6903243\_meta.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 : 403**

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 : 844**

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 -

5905410 - Existing nc files

File : 5905410\_meta.nc - 5905410\_prof.nc - 5905410\_tech.nc -

5905411 - Existing nc files

File : 5905411\_meta.nc - 5905411\_prof.nc - 5905411\_tech.nc -

5905412 - Existing nc files

File : 5905412\_meta.nc - 5905412\_prof.nc - 5905412\_tech.nc -

5905413 - Existing nc files

File : 5905413\_meta.nc - 5905413\_prof.nc - 5905413\_tech.nc -

5905419 - Existing nc files

File : 5905419\_meta.nc - 5905419\_prof.nc - 5905419\_tech.nc -

5905420 - Existing nc files

File : 5905420\_meta.nc - 5905420\_prof.nc - 5905420\_tech.nc -

5905421 - Existing nc files

## 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 -

2902247 - Existing nc files

File : 2902247\_meta.nc - 2902247\_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 : 1617**

1902074 - Existing nc files

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

2903005 - Existing nc files

File : 2903005\_meta.nc - 2903005\_prof.nc -

1902075 - Existing nc files

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

2903006 - Existing nc files

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

2901998 - Existing nc files

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

2903007 - Existing nc files

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

2902455 - Existing nc files

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

2903008 - Existing nc files

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

2902469 - Existing nc files

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

2903009 - Existing nc files

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

2902508 - Existing nc files

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

2903010 - Existing nc files

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

2902509 - Existing nc files

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

2903011 - Existing nc files

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

2902510 - Existing nc files

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

2903012 - Existing nc files

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

2902529 - Existing nc files

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

2903013 - Existing nc files

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

2902530 - Existing nc files

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

2903014 - Existing nc files

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

2902971 - Existing nc files

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

2903165 - Existing nc files

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

2902977 - Existing nc files

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

2903166 - Existing nc files

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

2902978 - Existing nc files

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

2903212 - Existing nc files  
File : 2903212\_Mprof.nc - 2903212\_meta.nc - 2903212\_prof.nc -

2903213 - Existing nc files  
File : 2903213\_Mprof.nc - 2903213\_meta.nc - 2903213\_prof.nc -

2903327 - Existing nc files  
File : 2903327\_meta.nc - 2903327\_prof.nc -

2903329 - Existing nc files  
File : 2903329\_Mprof.nc - 2903329\_meta.nc - 2903329\_prof.nc -

2903330 - Existing nc files  
File : 2903330\_Mprof.nc - 2903330\_meta.nc - 2903330\_prof.nc -

2903356 - Existing nc files  
File : 2903356\_meta.nc - 2903356\_prof.nc -

2903357 - Existing nc files  
File : 2903357\_meta.nc - 2903357\_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 -

4902380 - Existing nc files  
File : 4902380\_meta.nc - 4902380\_prof.nc -

4902981 - Existing nc files  
File : 4902981\_Rtraj.nc - 4902981\_meta.nc - 4902981\_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 -

5905218 - Existing nc files  
File : 5905218\_Mprof.nc - 5905218\_meta.nc - 5905218\_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 : 241

2901213 - Existing nc files

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

2901731 - Existing nc files

File : 2901731\_meta.nc - 2901731\_prof.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 monopofile, no tech.nc - )

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

#### DAC name : kordi – Number of floats : 110

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

-

5900474 - Existing nc files

File : 5900474\_meta.nc - 5900474\_prof.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 : 512

## 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

### 12.9. NMDIS

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



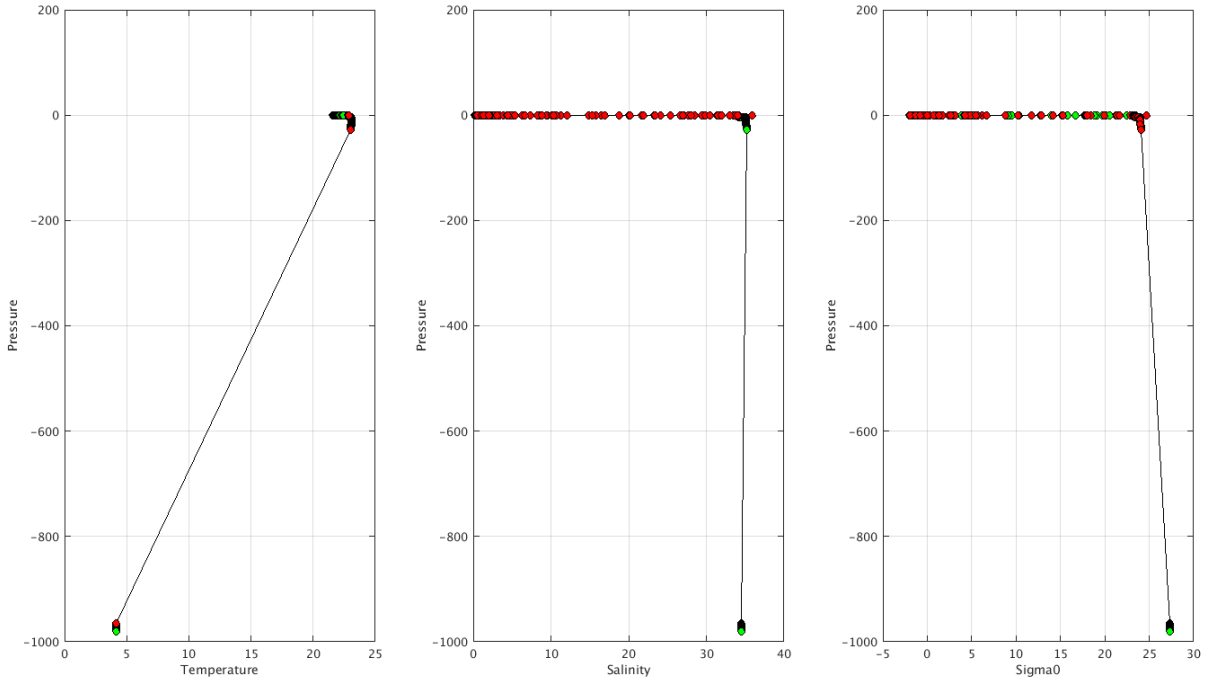


# 13. Automatic Tests (December 2017)

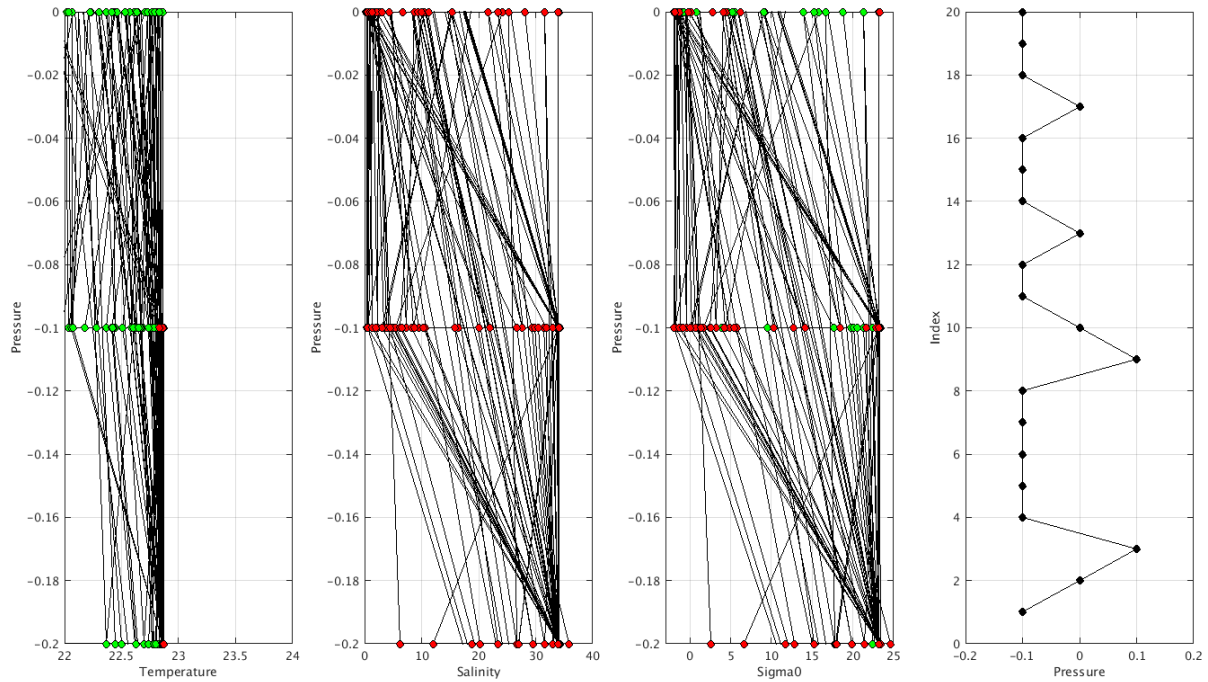
## 1. Near-surface sampling scheme

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).

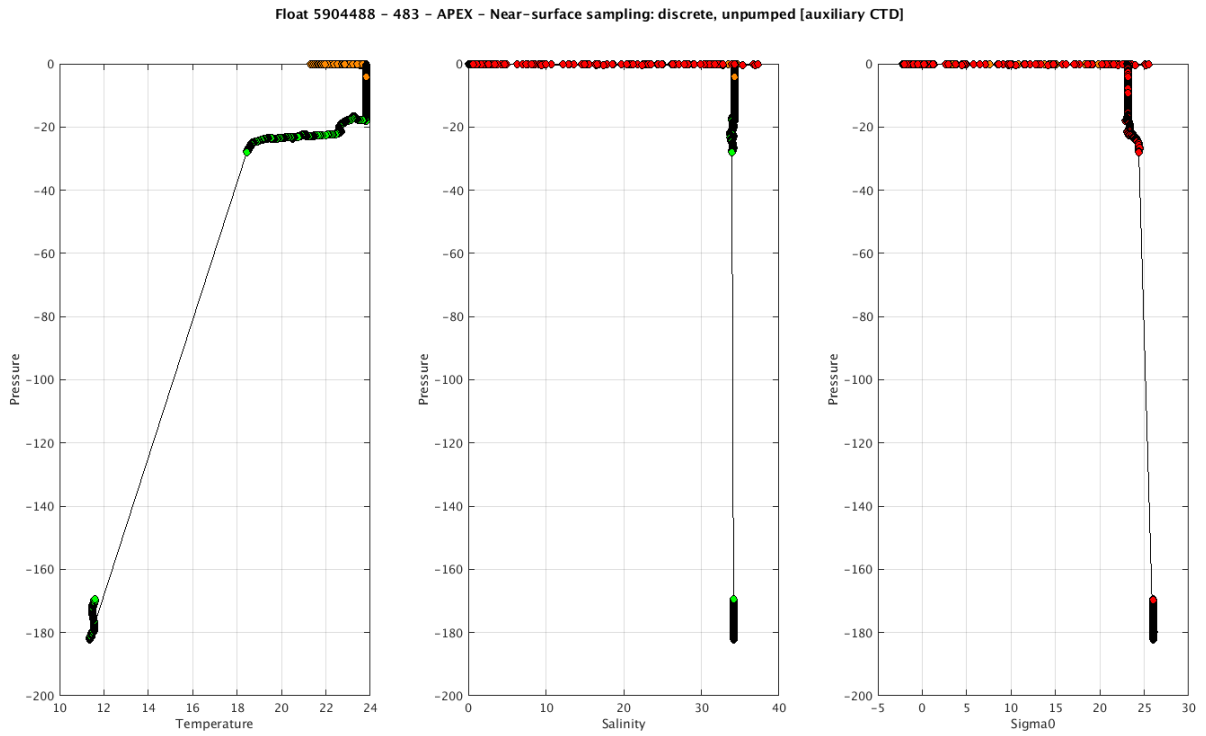
Float 5904656 - 156 - APEX - n/a



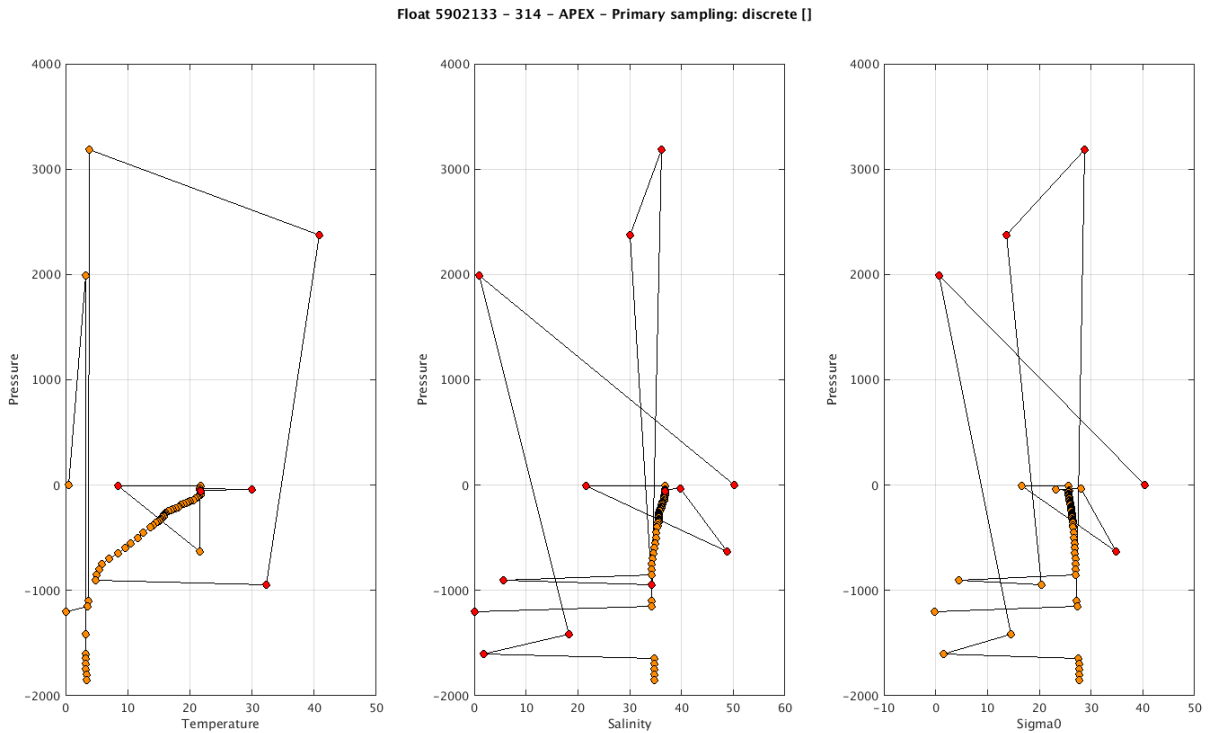
Float 5904656 - 156 - APEX - n/a



2. Strange profiles going through all the automatic tests :



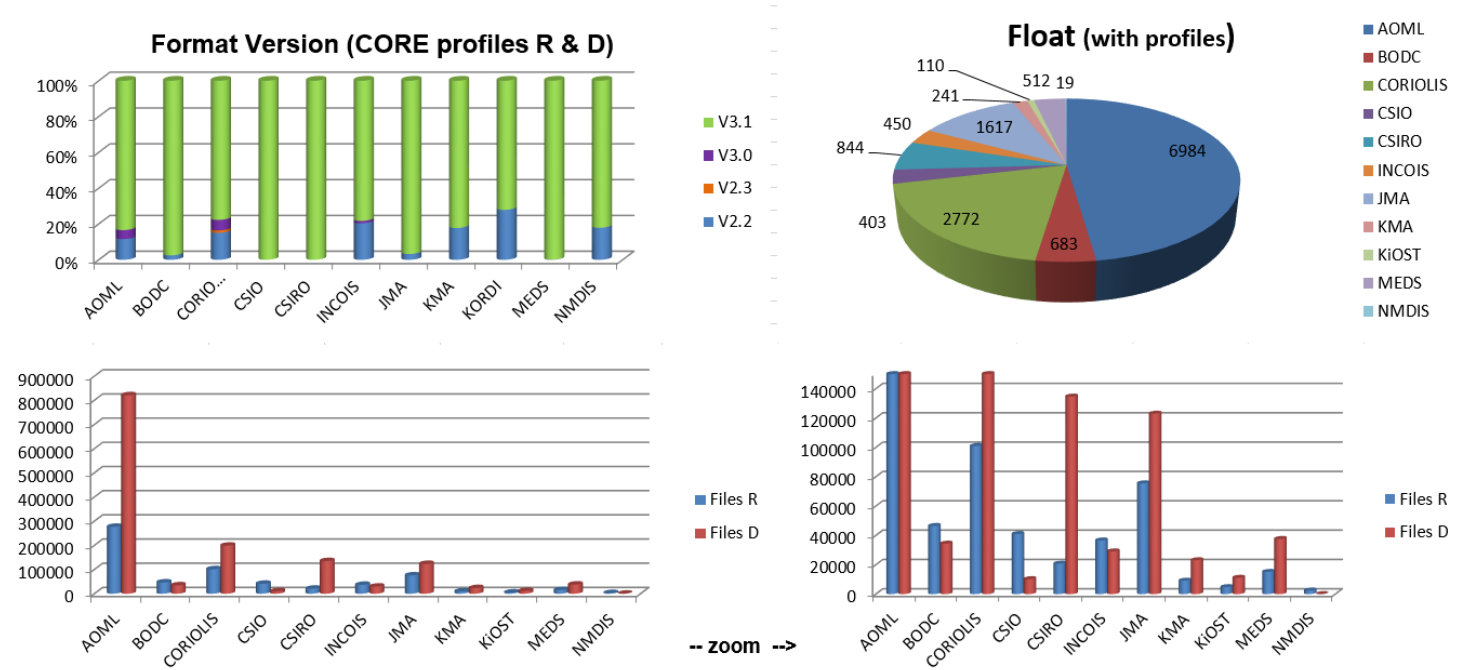
Profiles with strange groups of measurements like a strong decoding (may be some measurements should be in trajectory and not in the vertical profile).



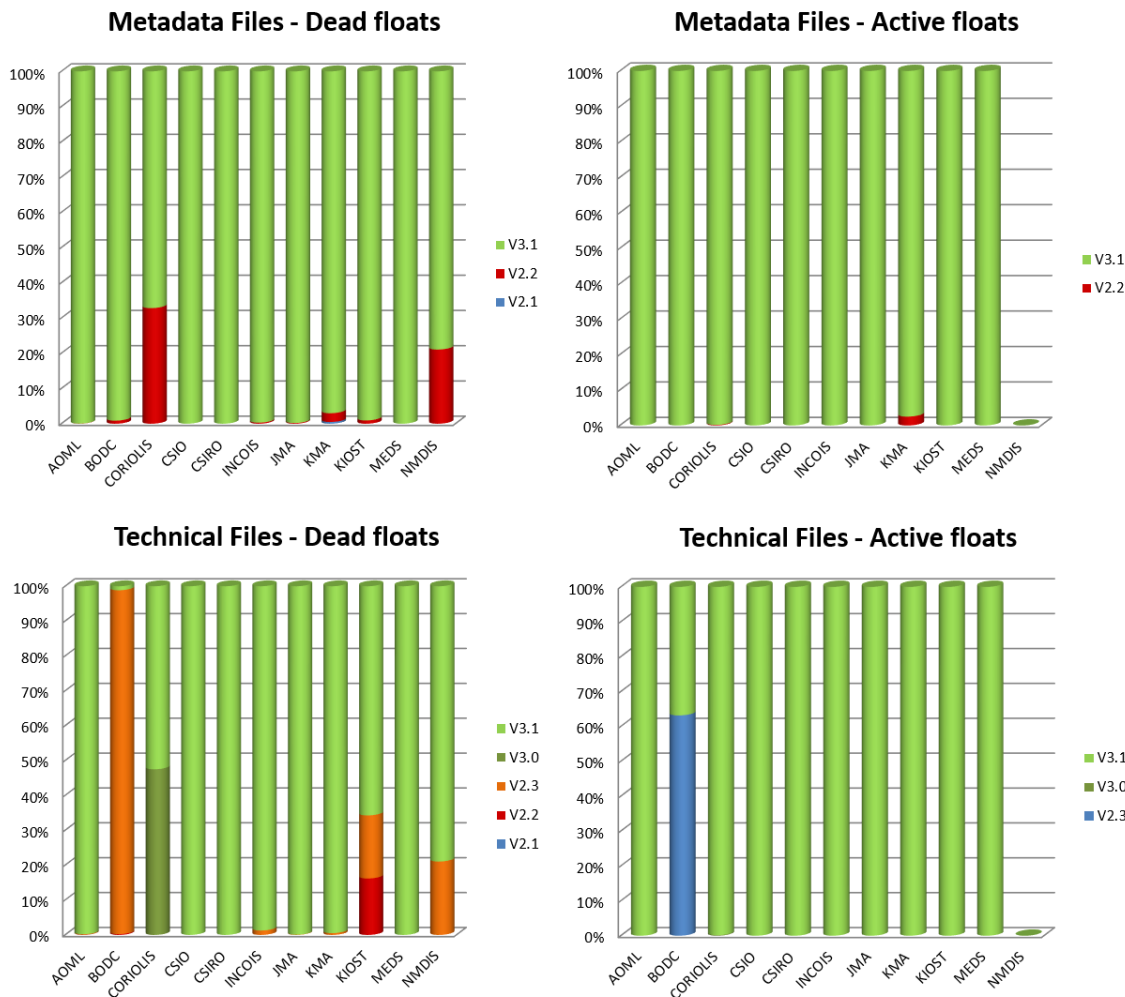
Problems of decoding

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

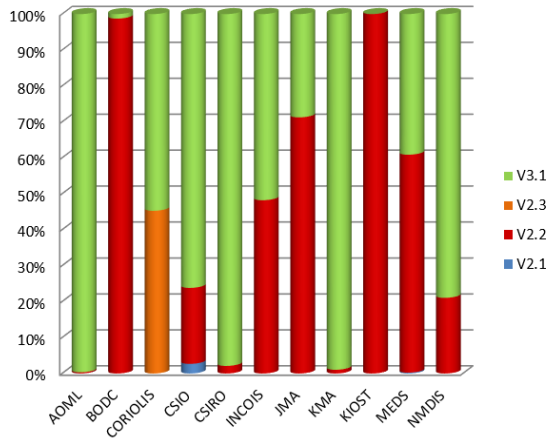
Plots showing format\_version percentage, number of floats (with profiles), number of D and R files by DACs.



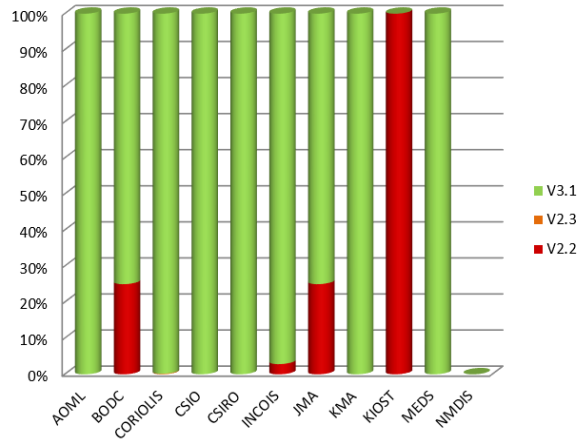
Plots showing format\_version percentage, for metadata-technical-trajectory and core profiles following dead or active floats.



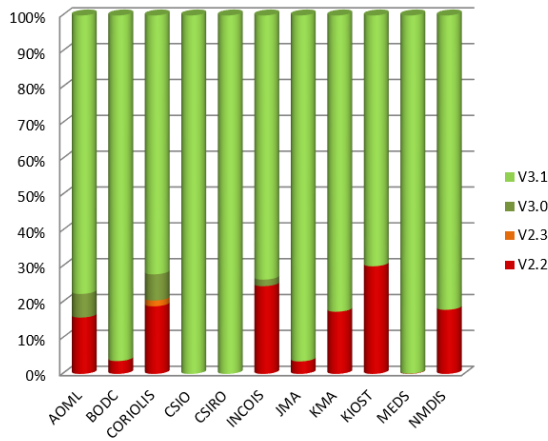
**Trajectory Files - Dead floats**



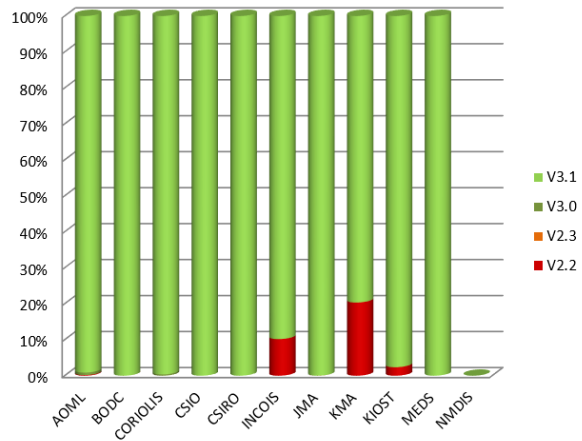
**Trajectory Files - Active floats**



**Profile files - Dead floats**

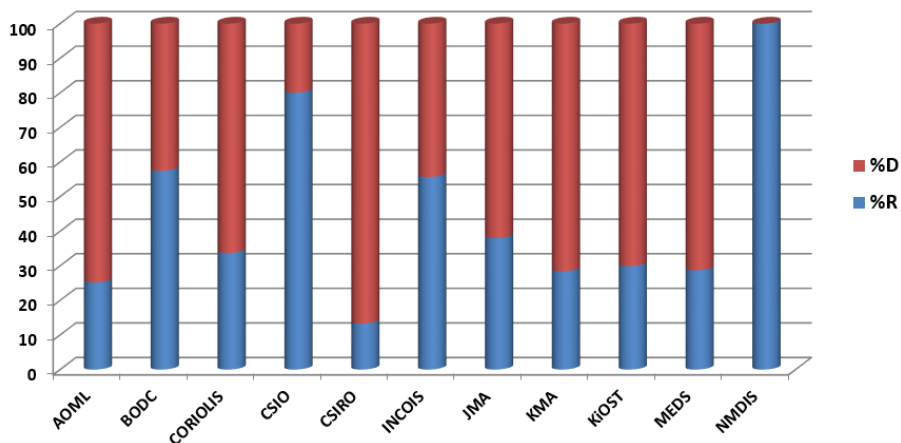


**Profile Files - Active floats**



**Delayed mode percentage by DAC**

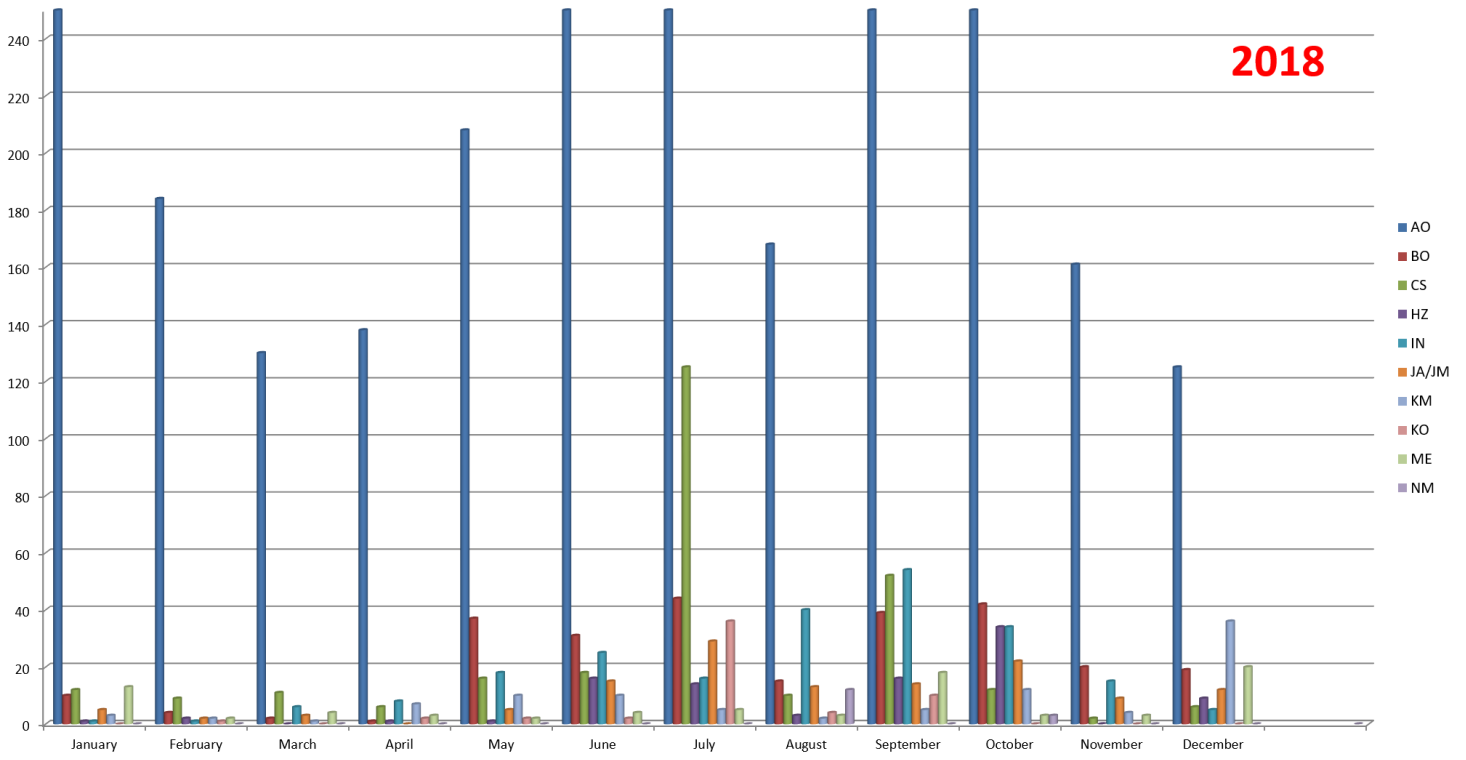
**Percentage of DM and RT files by DAC**



## 15. Statistics on anomalies

Plots showing evolution of number of anomalies by DAC.

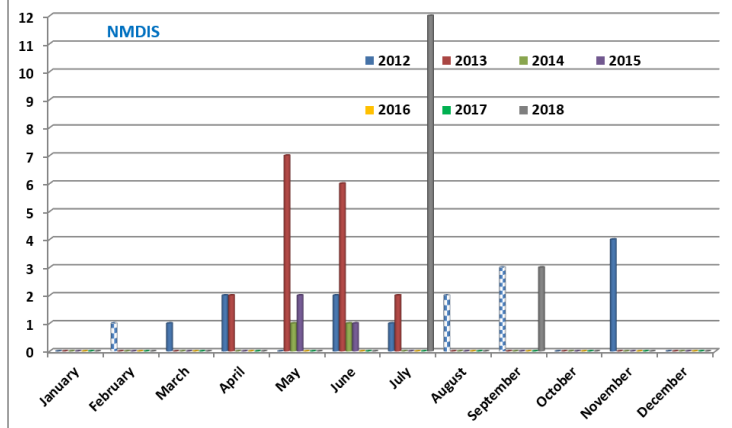
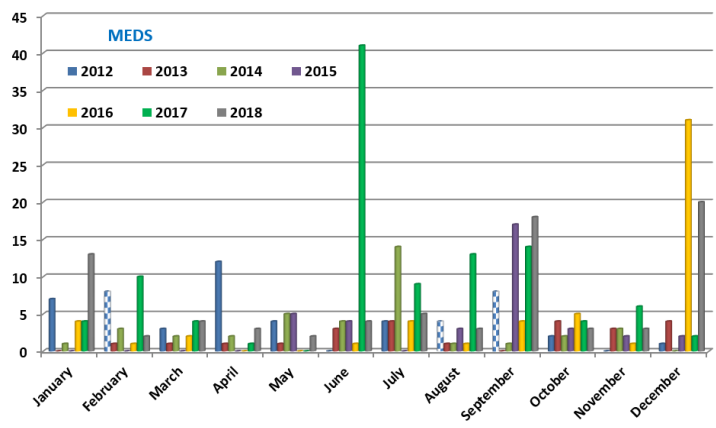
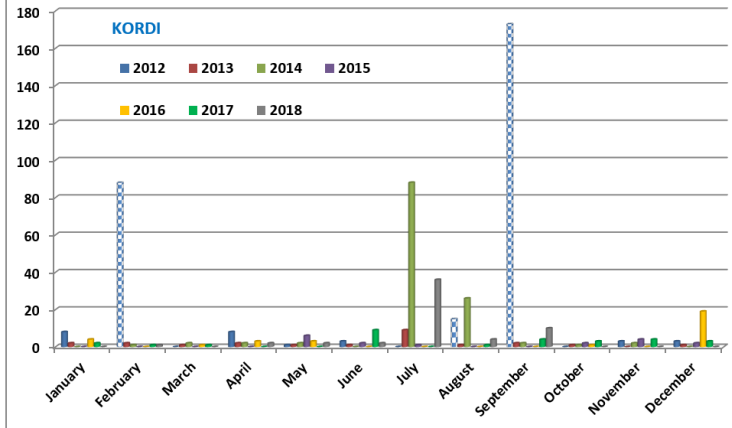
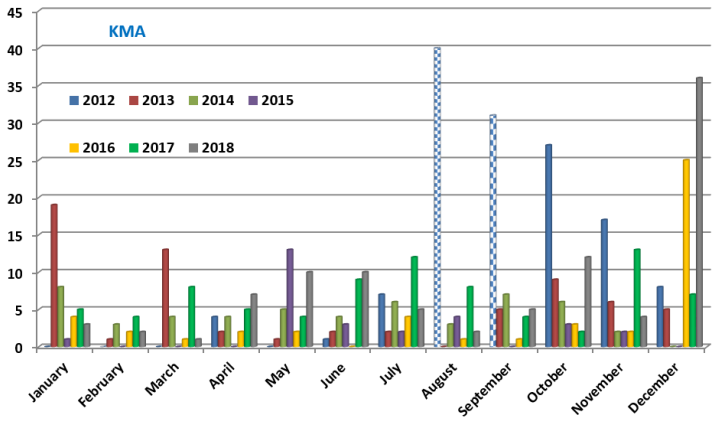
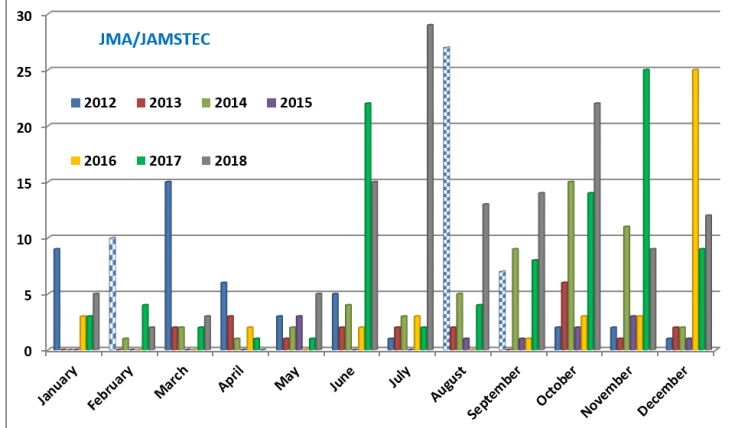
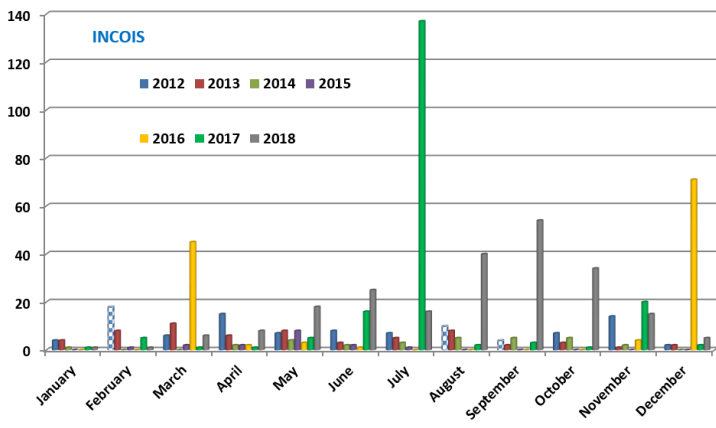
## 15.1. Year



## 15.2. DAC







### 15.3. Anomalies by year, by month

