



Anomalies on Argo profiles

From warning objective analysis, netcdf file analysis

Format version

January 2019

Christine Coatanoan-Girou

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

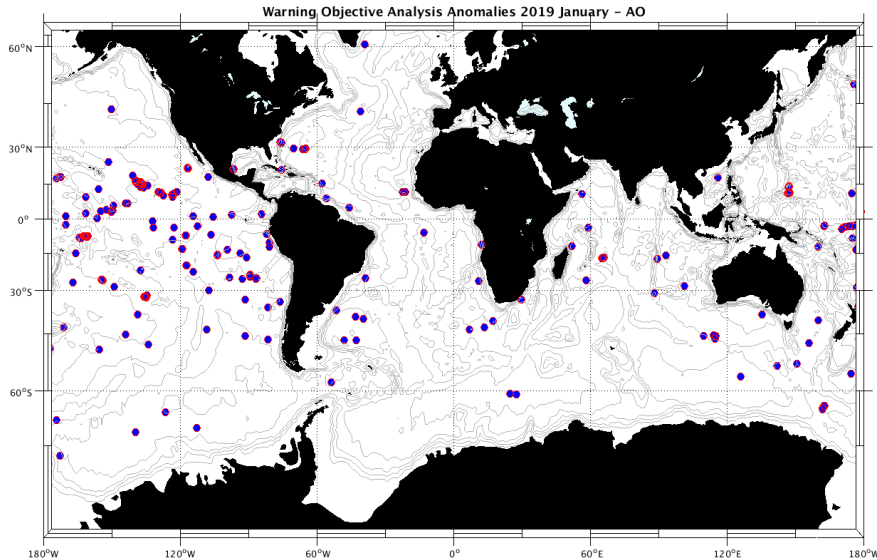
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1. DAC AOML

Profiles detected by the objective analysis: 222 profiles (129 floats, but floats can have several cycles with anomalies)

Data_mode ='R'	Data_mode ='A'	Data_mode ='D'
65 cycles	156 cycles	1 cycle

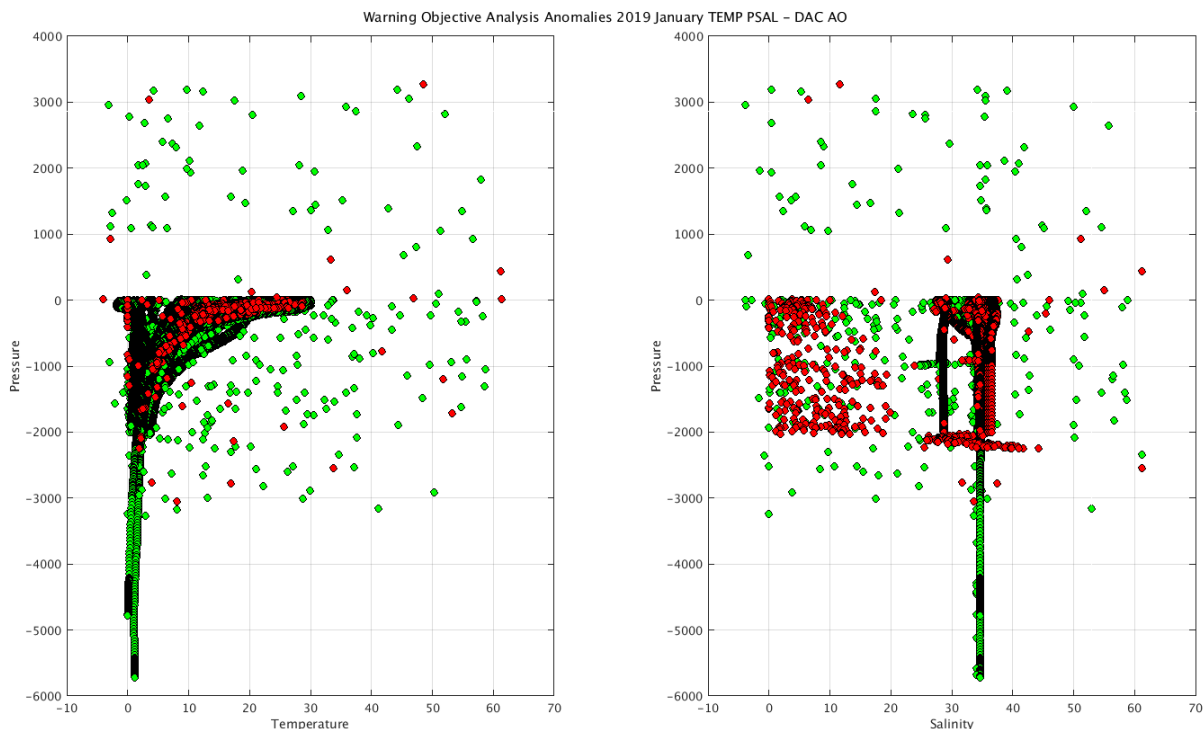


Status of corrections: Done for few profiles – still bad QC no corrected

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

Float : 1900728 - Cycle : 397 - PI : STEPHEN RISER - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 3111 - Date : 2018 12 5
Float : 1901515 - Cycle : 281 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 4607 - Date : 2019 1 17
Float : 1901618 - Cycle : 193 - PI : BRECK OWENS - Data mode : R - Platform type : S2A - WMO inst type : 854 - FLOAT SERIAL : 7058 - Date : 2018 2 5
Float : 1901665 - Cycle : 205 - PI : BRECK OWENS - Data mode : R - Platform type : S2A - WMO inst type : 854 - FLOAT SERIAL : 7128 - Date : 2018 4 29
Float : 1901704 - Cycle : 180 - PI : BRECK OWENS, STEVE JAYNE, AND P.E. ROBBINS - Data mode : R - Platform type : SOLO_W - WMO inst type : 851 - FLOAT SERIAL : 1168 - Date : 2018 12 25
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 : 1901712 - Cycle : 182 - PI : BRECK OWENS, STEVE JAYNE, P.E. ROBBINS - Data mode : R - Platform type : S2A - WMO inst type : 854 - FLOAT SERIAL : 7186 - Date : 2018 12 31
Float : 1901712 - Cycle : 183 - PI : BRECK OWENS, STEVE JAYNE, P.E. ROBBINS - Data mode : R - Platform type : S2A - WMO inst type : 854 - FLOAT SERIAL : 7186 - Date : 2019 1 10
Float : 1901818 - Cycle : 97 - PI : BRECK OWENS, STEVEN JAYNE, P.E. ROBBINS - Data mode : R - Platform type : S2A - WMO inst type : 854 - FLOAT SERIAL : 7354 - Date : 2019 1 9
Float : 1902024 - Cycle : 81 - PI : DEAN ROEMMICH - Data mode : A - Platform type : SOLO_II - WMO inst type : 853 - FLOAT SERIAL : 8492 - Date : 2019 1 3
Float : 1902027 - Cycle : 81 - PI : DEAN ROEMMICH - Data mode : R - Platform type : SOLO_II - WMO inst type : 853 - FLOAT SERIAL : 8495 - Date : 2019 1 10
Float : 1902213 - Cycle : 49 - PI : BRECK OWENS, STEVEN JAYNE, P.E. ROBBINS - Data mode : R - Platform type : S2A - WMO inst type : 854 - FLOAT SERIAL : 7452 - Date : 2019 1 16
Float : 1902214 - Cycle : 49 - PI : BRECK OWENS, STEVEN JAYNE, P.E. ROBBINS - Data mode : R - Platform type : S2A - WMO inst type : 854 - FLOAT SERIAL : 7453 - Date : 2019 1 16
Float : 2901481 - Cycle : 174 - PI : CARL SZCZECZOWSKI - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 6874 - Date : 2018 3 21
Float : 2902391 - Cycle : 87 - PI : BRECK OWENS, STEVEN JAYNE, P.E. ROBBINS - Data mode : R - Platform type : S2A - WMO inst type : 854 - FLOAT SERIAL : 7331 - Date : 2018 3 7
Float : 3900571 - Cycle : 399 - PI : GREGORY C. JOHNSON - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 2496 - Date : 2018 1 2
Float : 3900840 - Cycle : 221 - PI : BRECK OWENS - Data mode : R - Platform type : S2A - WMO inst type : 854 - FLOAT SERIAL : 7031 - Date : 2018 4 9
Float : 3901036 - Cycle : 224 - PI : BRECK OWENS - Data mode : R - Platform type : S2A - WMO inst type : 854 - FLOAT SERIAL : 7038 - Date : 2018 4 10
Float : 3901153 - Cycle : 186 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : NAVIS_A - WMO inst type : 863 - FLOAT SERIAL : 0196 - Date : 2018 4 29
Float : 3901154 - Cycle : 213 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : NAVIS_A - WMO inst type : 863 - FLOAT SERIAL : 0197 - Date : 2019 1 24
Float : 3901156 - Cycle : 174 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : NAVIS_A - WMO inst type : 863 - FLOAT SERIAL : 0162 - Date : 2018 12 31
Float : 3901156 - Cycle : 175 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : NAVIS_A - WMO inst type : 863 - FLOAT SERIAL : 0162 - Date : 2019 1 10
Float : 3901156 - Cycle : 176 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : NAVIS_A - WMO inst type : 863 - FLOAT SERIAL : 0162 - Date : 2019 1 20
Float : 3901159 - Cycle : 254 - PI : DEAN ROEMMICH - Data mode : R - Platform type : SOLO_II - WMO inst type : 853 - FLOAT SERIAL : 8201 - Date : 2019 1 10
Float : 3901173 - Cycle : 157 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : NAVIS_A - WMO inst type : 863 - FLOAT SERIAL : 0291 - Date : 2018 7 10
Float : 3901173 - Cycle : 159 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : NAVIS_A - WMO inst type : 863 - FLOAT SERIAL : 0291 - Date : 2018 7 30
Float : 3901173 - Cycle : 160 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : NAVIS_A - WMO inst type : 863 - FLOAT SERIAL : 0291 - Date : 2018 8 9
Float : 3901173 - Cycle : 161 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : NAVIS_A - WMO inst type : 863 - FLOAT SERIAL : 0291 - Date : 2018 8 19
Float : 3901173 - Cycle : 162 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : NAVIS_A - WMO inst type : 863 - FLOAT SERIAL : 0291 - Date : 2018 8 30
Float : 3901173 - Cycle : 164 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : NAVIS_A - WMO inst type : 863 - FLOAT SERIAL : 0291 - Date : 2018 9 18
Float : 3901173 - Cycle : 166 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : NAVIS_A - WMO inst type : 863 - FLOAT SERIAL : 0291 - Date : 2018 10 8
Float : 3901173 - Cycle : 167 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : NAVIS_A - WMO inst type : 863 - FLOAT SERIAL : 0291 - Date : 2018 10 19
Float : 3901173 - Cycle : 168 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : NAVIS_A - WMO inst type : 863 - FLOAT SERIAL : 0291 - Date : 2018 10 29
Float : 3901173 - Cycle : 169 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : NAVIS_A - WMO inst type : 863 - FLOAT SERIAL : 0291 - Date : 2018 11 7
Float : 3901173 - Cycle : 170 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : NAVIS_A - WMO inst type : 863 - FLOAT SERIAL : 0291 - Date : 2018 11 17
Float : 3901173 - Cycle : 171 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : NAVIS_A - WMO inst type : 863 - FLOAT SERIAL : 0291 - Date : 2018 11 27
Float : 3901173 - Cycle : 172 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : NAVIS_A - WMO inst type : 863 - FLOAT SERIAL : 0291 - Date : 2018 12 7
Float : 3901173 - Cycle : 173 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : NAVIS_A - WMO inst type : 863 - FLOAT SERIAL : 0291 - Date : 2018 12 17
Float : 3901173 - Cycle : 174 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : NAVIS_A - WMO inst type : 863 - FLOAT SERIAL : 0291 - Date : 2018 12 27
Float : 3901173 - Cycle : 175 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : NAVIS_A - WMO inst type : 863 - FLOAT SERIAL : 0291 - Date : 2019 1 7
Float : 3901173 - Cycle : 176 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : NAVIS_A - WMO inst type : 863 - FLOAT SERIAL : 0291 - Date : 2019 1 17
Float : 3901180 - Cycle : 102 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : NAVIS_A - WMO inst type : 863 - FLOAT SERIAL : 0269 - Date : 2018 1 30
Float : 3901187 - Cycle : 176 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : NAVIS_A - WMO inst type : 863 - FLOAT SERIAL : 0300 - Date : 2019 1 10

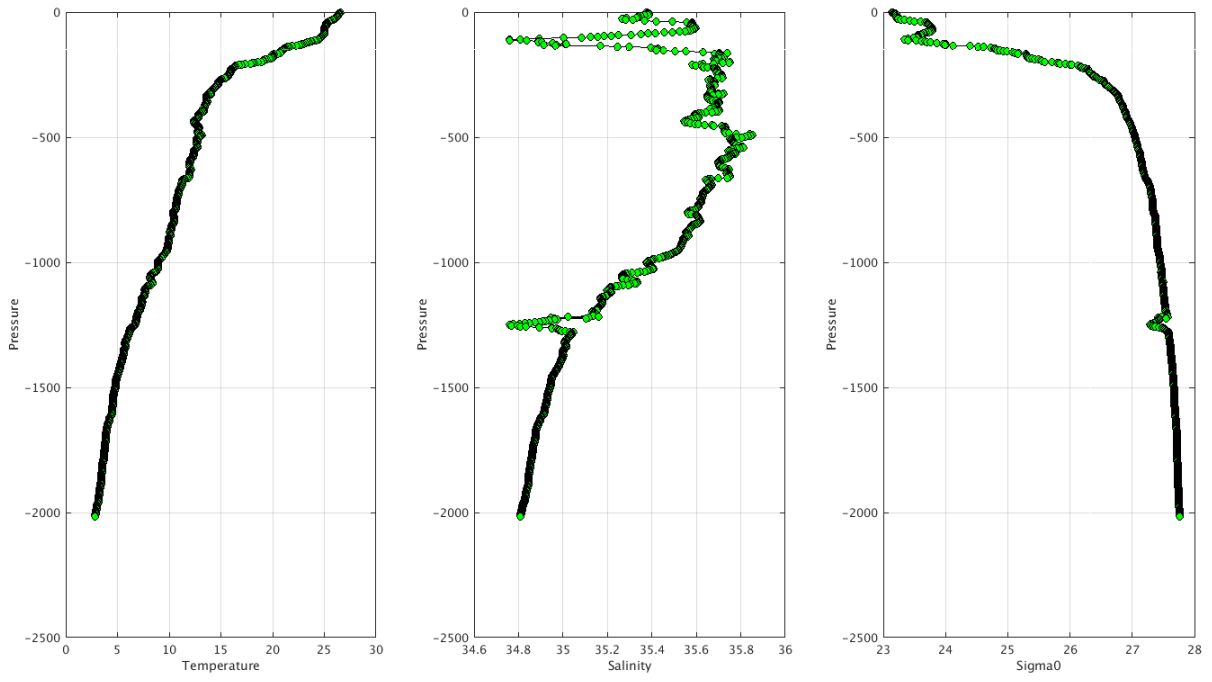
Float : 5905669 - Cycle : 12 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : NAVIS_A - WMO inst type : 863 - FLOAT SERIAL : 0867 - Date : 2019 1 18
 Float : 5905671 - Cycle : 14 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : NAVIS_A - WMO inst type : 863 - FLOAT SERIAL : 0898 - Date : 2018 12 23
 Float : 5905696 - Cycle : 14 - PI : DEAN ROEMMICH - Data mode : R - Platform type : SOLO_II - WMO inst type : 853 - FLOAT SERIAL : 8681 - Date : 2018 12 9
 Float : 5905719 - Cycle : 16 - PI : DEAN ROEMMICH - Data mode : R - Platform type : SOLO_II - WMO inst type : 853 - FLOAT SERIAL : 8704 - Date : 2019 1 25
 Float : 5905723 - Cycle : 13 - PI : DEAN ROEMMICH - Data mode : R - Platform type : SOLO_II - WMO inst type : 853 - FLOAT SERIAL : 8708 - Date : 2018 12 30
 Float : 5905732 - Cycle : 27 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : NAVIS_A - WMO inst type : 863 - FLOAT SERIAL : 0873 - Date : 2019 1 21
 Float : 5905777 - Cycle : 4 - PI : DEAN ROEMMICH - Data mode : R - Platform type : SOLO_II - WMO inst type : 853 - FLOAT SERIAL : 8720 - Date : 2018 12 11
 Float : 5905785 - Cycle : 12 - PI : DEAN ROEMMICH - Data mode : A - Platform type : SOLO_D - WMO inst type : 862 - FLOAT SERIAL : 6054 - Date : 2019 1 18
 Float : 7900208 - Cycle : 149 - PI : DEAN ROEMMICH - Data mode : R - Platform type : SOLO_II - WMO inst type : 853 - FLOAT SERIAL : 8326 - Date : 2019 1 25
 Float : 7900211 - Cycle : 142 - PI : DEAN ROEMMICH - Data mode : A - Platform type : SOLO_II - WMO inst type : 853 - FLOAT SERIAL : 8329 - Date : 2018 12 16
 Float : 7900661 - Cycle : 109 - PI : DEAN ROEMMICH - Data mode : A - Platform type : SOLO_II - WMO inst type : 853 - FLOAT SERIAL : 8366 - Date : 2018 4 10
 Float : 7900677 - Cycle : 37 - PI : DEAN ROEMMICH - Data mode : A - Platform type : SOLO_D - WMO inst type : 862 - FLOAT SERIAL : 6040 - Date : 2018 12 27
 Float : 7900681 - Cycle : 35 - PI : DEAN ROEMMICH - Data mode : R - Platform type : SOLO_II - WMO inst type : 853 - FLOAT SERIAL : 8628 - Date : 2018 12 24



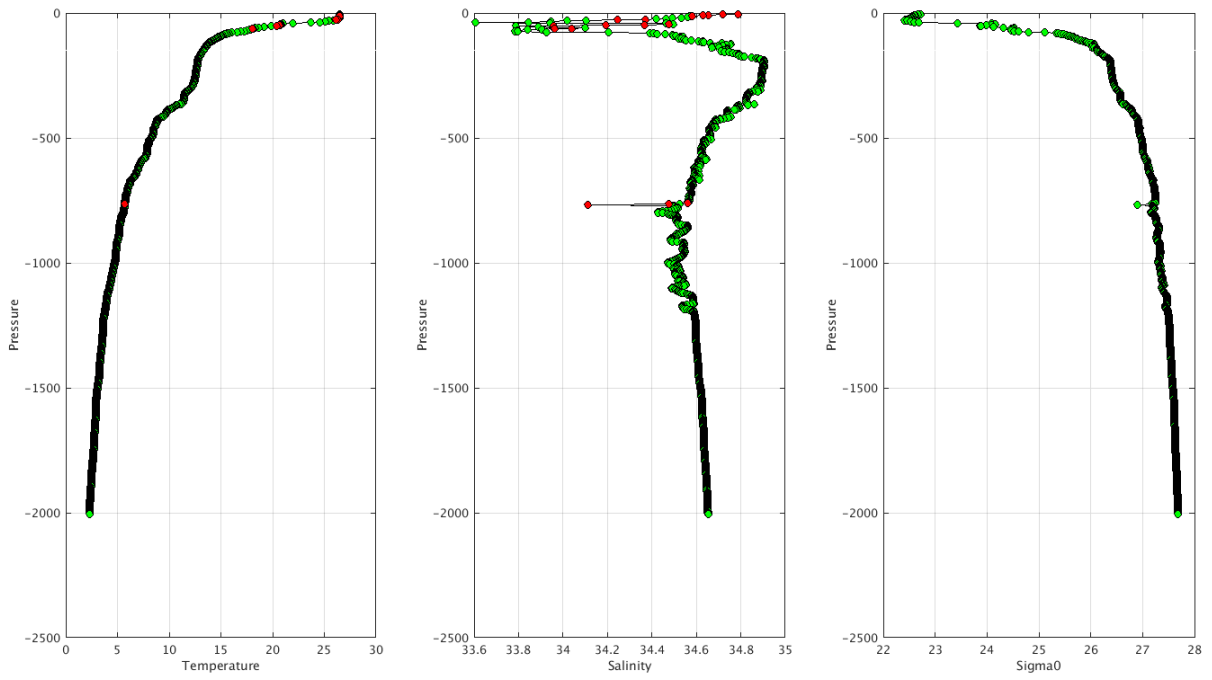
DAC_CODE,PLATFORM_CODE,CV_NUMBER,DATE_UPDATE,DIRECTION,WEB_URL,PARAMETER,START_IMMERSION,STOP_IMMERSION,OLD_QC,NEW_QC,VERTICAL_SAMPLING_SCHEME

AO,1900728,397,09/12/2018 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=62620650> ,PSAL,1999.4,1999.4,1,4,Primary sampling
 AO,1900728,397,09/12/2018 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=62620650> ,PSAL_ADJUSTED,1999.4,1999.4,1,4,Primary sampling
 AO,1901515,281,18/01/2019 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=62976894> ,PRES,0,0,1,4,Primary sampling
 AO,1901515,281,18/01/2019 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=62976894> ,PRES,1920.3,1920.3,1,4,Primary sampling
 AO,1901515,281,18/01/2019 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=62976894> ,PRES,988,1183.9,1,4,Primary sampling
 AO,1901515,281,18/01/2019 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=62976894> ,PRES_ADJUSTED,0,0,1,4,Primary sampling
 AO,1901515,281,18/01/2019 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=62976894> ,PRES_ADJUSTED,1920.3,1920.3,1,4,Primary sampling
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 AO,1901515,281,18/01/2019 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=62976894> ,PSAL,988,988,1,4,Primary sampling
 AO,1901515,281,18/01/2019 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=62976894> ,PSAL_ADJUSTED,-3040.3,-3040.3,1,4,Primary sampling
 AO,1901515,281,18/01/2019 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=62976894> ,PSAL_ADJUSTED,988,988,1,4,Primary sampling
 AO,1901515,281,18/01/2019 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=62976894> ,TEMP,-3040.3,-3040.3,1,4,Primary sampling
 AO,1901515,281,18/01/2019 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=62976894> ,TEMP,0,0,1,4,Primary sampling
 AO,1901515,281,18/01/2019 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=62976894> ,TEMP_ADJUSTED,-3040.3,-3040.3,1,4,Primary sampling
 AO,1901515,281,18/01/2019 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=62976894> ,TEMP_ADJUSTED,0,0,1,4,Primary sampling
 AO,1901515,281,21/01/2019 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=62976894> ,PRES,0,0,1,4,Primary sampling
 AO,1901515,281,21/01/2019 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=62976894> ,PRES_ADJUSTED,0,0,1,4,Primary sampling
 AO,1901515,281,21/01/2019 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=62976894> ,TEMP,0,0,1,4,Primary sampling
 AO,1901515,281,21/01/2019 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=62976894> ,TEMP_ADJUSTED,0,0,1,4,Primary sampling
 AO,1901618,193,28/12/2018 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=55047678> ,PSAL,1.2,3,1,4,Primary sampling
 AO,1901665,205,28/12/2018 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=56111036> ,PSAL,144,263.96,1,4,Primary sampling
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 AO,1901665,205,28/12/2018 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=56111036> ,PSAL,322.04,340,1,4,Primary sampling
 AO,1901665,205,28/12/2018 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=56111036> ,PSAL,346.04,358,1,4,Primary sampling
 AO,1901665,205,28/12/2018 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=56111036> ,PSAL,364,398,1,4,Primary sampling
 AO,1901665,205,28/12/2018 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=56111036> ,PSAL,406,410.04,1,4,Primary sampling
 AO,1901665,205,28/12/2018 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=56111036> ,PSAL,420.04,436,1,4,Primary sampling
 AO,1901665,205,28/12/2018 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=56111036> ,PSAL,450.04,450.04,1,4,Primary sampling

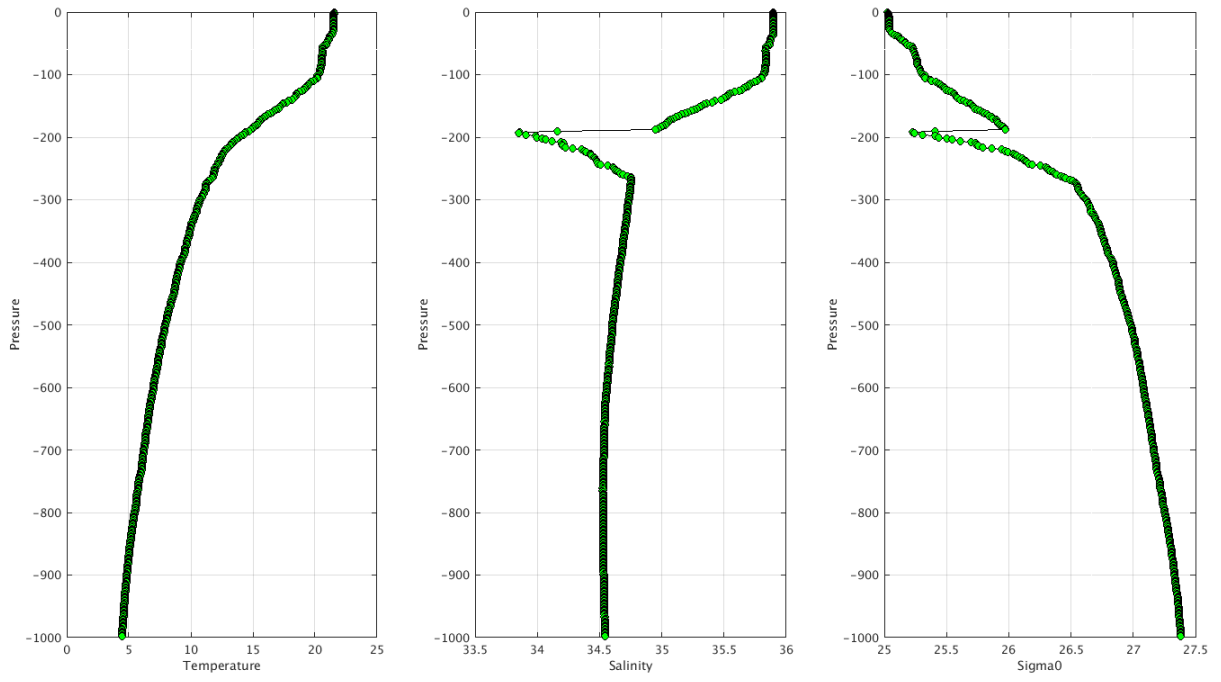
Warning Objective Analysis Anomalies 2019 January TEMP PSAL : DAC AO- Float 2902391 - 87



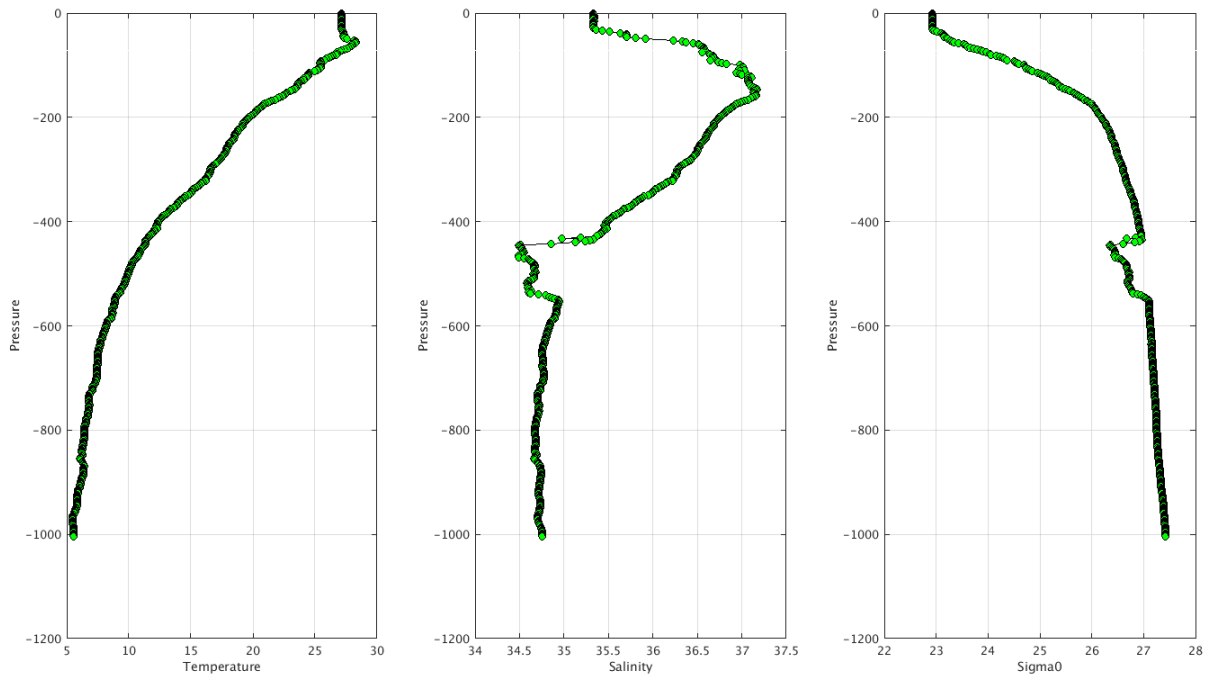
Warning Objective Analysis Anomalies 2019 January TEMP PSAL : DAC AO- Float 3901153 - 186



Warning Objective Analysis Anomalies 2019 January TEMP PSAL : DAC AO- Float 3901815 - 117



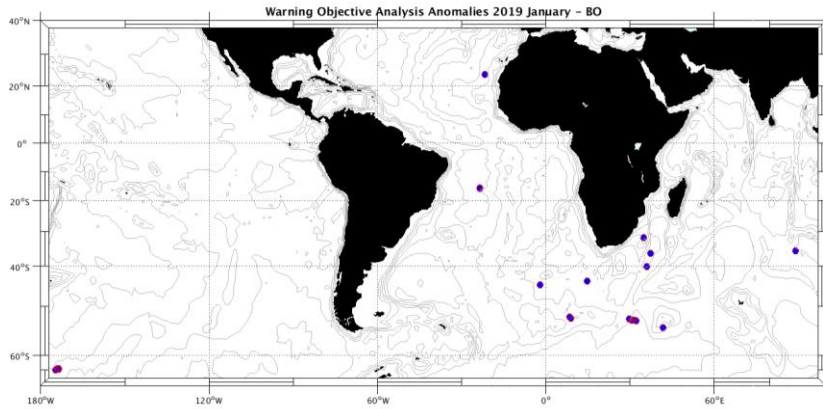
Warning Objective Analysis Anomalies 2019 January TEMP PSAL : DAC AO- Float 4901623 - 174



2. DAC BODC

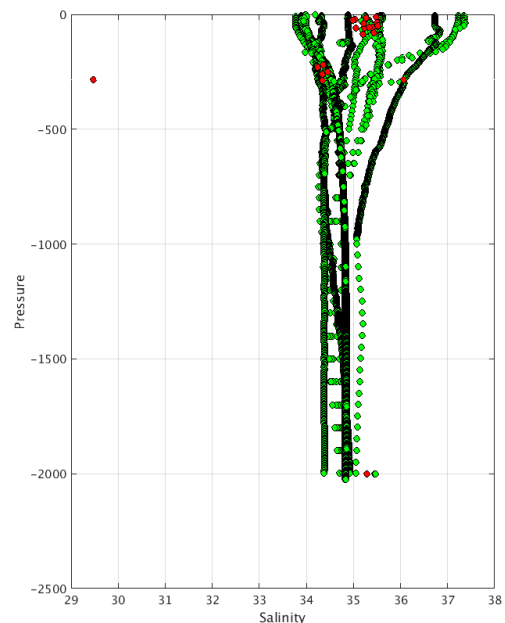
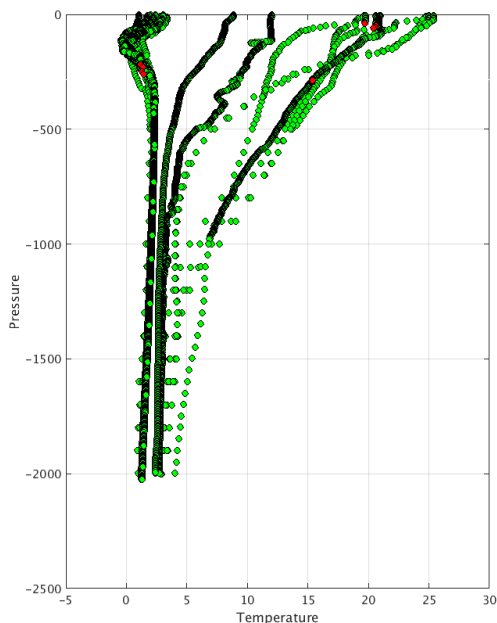
Profiles detected by the objective analysis: 20 profiles (9 floats – float can have several cycles with anomalies)

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



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

Float : 1901278 - Cycle : 226 - PI : Jon Turton - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 4902 - Date : 2018 1 30
 Float : 1901280 - Cycle : 262 - PI : Jon Turton - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 4999 - Date : 2019 1 26
 Float : 1901300 - Cycle : 177 - PI : Jon Turton - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 5590 - Date : 2018 1 14
 Float : 1901300 - Cycle : 212 - PI : Jon Turton - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 5590 - Date : 2018 12 30
 Float : 1901300 - Cycle : 214 - PI : Jon Turton - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 5590 - Date : 2019 1 19
 Float : 1901305 - Cycle : 177 - PI : Jon Turton - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 6242 - Date : 2018 1 18
 Float : 1901305 - Cycle : 178 - PI : Jon Turton - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 6242 - Date : 2018 1 28
 Float : 1901305 - Cycle : 211 - PI : Jon Turton - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 6242 - Date : 2018 12 24
 Float : 1901305 - Cycle : 212 - PI : Jon Turton - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 6242 - Date : 2019 1 3
 Float : 1901305 - Cycle : 213 - PI : Jon Turton - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 6242 - Date : 2019 1 13
 Float : 1901305 - Cycle : 214 - PI : Jon Turton - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 6242 - Date : 2019 1 23
 Float : 3901548 - Cycle : 10 - PI : Jon Turton - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7001 - Date : 2019 1 13
 Float : 3901548 - Cycle : 11 - PI : Jon Turton - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7001 - Date : 2019 1 23
 Float : 3901889 - Cycle : 67 - PI : Andreas Sterl - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : AI2600-16FR052 - Date : 2019 1 28
 Float : 3901904 - Cycle : 71 - PI : Pierre-Marie Poulain - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : AR2600-16FR067 - Date : 2018 12 27
 Float : 3901904 - Cycle : 72 - PI : Pierre-Marie Poulain - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : AR2600-16FR067 - Date : 2019 1 6
 Float : 3901904 - Cycle : 73 - PI : Pierre-Marie Poulain - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : AR2600-16FR067 - Date : 2019 1 16
 Float : 3901904 - Cycle : 74 - PI : Pierre-Marie Poulain - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : AR2600-16FR067 - Date : 2019 1 26
 Float : 3901966 - Cycle : 28 - PI : Andreas Sterl - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : AI2600-16FR109 - Date : 2019 1 4
 Float : 6901164 - Cycle : 172 - PI : Jon Turton - Data mode : A - Platform type : NAVIS_A - WMO inst type : 863 - FLOAT SERIAL : 0250 - Date : 2019 1 25



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

BO,1901278,226,29/11/2018 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=54769642 ,PSAL_ADJUSTED,200.7,210.5,1,4,Primary sampling

BO,1901278,226,29/11/2018 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=54769642 ,PSAL_ADJUSTED,240,240,1,4,Primary sampling

BO,1901280,262,27/01/2019 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=63042302 ,PSAL,4.3,1998.3,1,3,Primary sampling

BO,1901280,262,27/01/2019 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=63042302 ,PSAL_ADJUSTED,4.3,1998.3,1,3,Primary sampling

BO,1901300,177,29/11/2018 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=54664085 ,PSAL,129.8,139.1,1,4,Primary sampling

BO,1901300,177,29/11/2018 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=54664085 ,PSAL,1599.8,1599.8,1,4,Primary sampling

BO,1901300,177,29/11/2018 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=54664085 ,PSAL,29.9,29.9,1,4,Primary sampling

BO,1901300,177,29/11/2018 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=54664085 ,PSAL,320.5,330.4,1,4,Primary sampling

BO,1901300,177,29/11/2018 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=54664085 ,PSAL,400.6,420.2,1,4,Primary sampling

BO,1901300,177,29/11/2018 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=54664085 ,PSAL,65.4,75.5,1,4,Primary sampling

BO,1901300,177,29/11/2018 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=54664085 ,PSAL,90.5,90.5,1,4,Primary sampling

BO,1901300,177,29/11/2018 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=54664085 ,PSAL_ADJUSTED,129.8,139.1,1,4,Primary sampling

BO,1901300,177,29/11/2018 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=54664085 ,PSAL_ADJUSTED,1599.8,1599.8,1,4,Primary sampling

BO,1901300,177,29/11/2018 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=54664085 ,PSAL_ADJUSTED,29.9,34.5,1,4,Primary sampling

BO,1901300,177,29/11/2018 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=54664085 ,PSAL_ADJUSTED,320.5,320.5,1,4,Primary sampling

BO,1901300,177,29/11/2018 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=54664085 ,PSAL_ADJUSTED,400.6,420.2,1,4,Primary sampling

BO,1901300,177,29/11/2018 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=54664085 ,PSAL_ADJUSTED,65.4,75.5,1,4,Primary sampling

BO,1901300,177,29/11/2018 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=54664085 ,PSAL_ADJUSTED,90.5,95.6,1,4,Primary sampling

BO,1901300,212,30/12/2018 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=62844785 ,PSAL,2000.6,2000.6,1,4,Primary sampling

BO,1901300,212,30/12/2018 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=62844785 ,PSAL,45.3,45.3,1,4,Primary sampling

BO,1901300,212,30/12/2018 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=62844785 ,PSAL_ADJUSTED,2000.6,2000.6,1,4,Primary sampling

BO,1901300,214,19/01/2019 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=63000275 ,PSAL,2001,2001,1,4,Primary sampling

BO,1901300,214,19/01/2019 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=63000275 ,PSAL_ADJUSTED,2001,2001,1,4,Primary sampling

BO,1901305,177,29/11/2018 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=54685721 ,PSAL_ADJUSTED,10.8,1900.1,1,3,Primary sampling

BO,1901305,178,29/11/2018 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=54752773 ,PSAL_ADJUSTED,10.2,1899.4,1,3,Primary sampling

BO,1901305,211,24/12/2018 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=62802620 ,PSAL,10.3,1899.9,1,3,Primary sampling

BO,1901305,211,24/12/2018 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=62802620 ,PSAL_ADJUSTED,10.3,1899.9,1,3,Primary sampling

BO,1901305,212,03/01/2019 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=62873410 ,PSAL,10.3,1900.2,1,3,Primary sampling

BO,1901305,212,03/01/2019 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=62873410 ,PSAL_ADJUSTED,10.3,1900.2,1,3,Primary sampling

BO,1901305,213,13/01/2019 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=62951490 ,PSAL,10.7,1900.1,1,3,Primary sampling

BO,1901305,213,13/01/2019 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=62951490 ,PSAL_ADJUSTED,10.7,1900.1,1,3,Primary sampling

BO,1901305,214,23/01/2019 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=63025059 ,PSAL,10.7,1900.2,1,3,Primary sampling

BO,1901305,214,23/01/2019 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=63025059 ,PSAL_ADJUSTED,10.7,1900.2,1,3,Primary sampling

BO,3901548,10,13/01/2019 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=62951497 ,PSAL,4.1,1899.7,1,3,Primary sampling

BO,3901548,10,13/01/2019 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=62951497 ,PSAL_ADJUSTED,4.1,1899.7,1,3,Primary sampling

BO,3901548,11,23/01/2019 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=63025495 ,PSAL,3.7,1899.9,1,3,Primary sampling

BO,3901548,11,23/01/2019 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=63025495 ,PSAL_ADJUSTED,3.7,1899.9,1,3,Primary sampling

BO,3901889,67,28/01/2019 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=63054046 ,PSAL,128.6,131.9,1,3,Primary sampling

BO,3901889,67,28/01/2019 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=63054046 ,PSAL,135.3,1996.7,1,3,Primary sampling

BO,3901889,67,28/01/2019 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=63054046 ,PSAL,3.1,125.7,1,3,Primary sampling

BO,3901904,71,27/12/2018 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=62821180 ,PSAL,2.9,2025.1,3,Primary sampling

BO,3901904,72,06/01/2019 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=62899533 ,PSAL,240.9,2025.1,3,Primary sampling

BO,3901904,72,06/01/2019 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=62899533 ,PSAL,3.1,238.1,3,Primary sampling

BO,3901904,73,16/01/2019 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=62974056 ,PSAL,139.2,1998.1,1,3,Primary sampling

BO,3901904,73,16/01/2019 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=62974056 ,PSAL,3,134.4,1,3,Primary sampling

BO,3901904,74,26/01/2019 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=63041732 ,PSAL,169.1,234.2,1,3,Primary sampling

BO,3901904,74,26/01/2019 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=63041732 ,PSAL,237.2,2025.3,1,3,Primary sampling

BO,3901904,74,26/01/2019 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=63041732 ,PSAL,3,162.3,1,3,Primary sampling

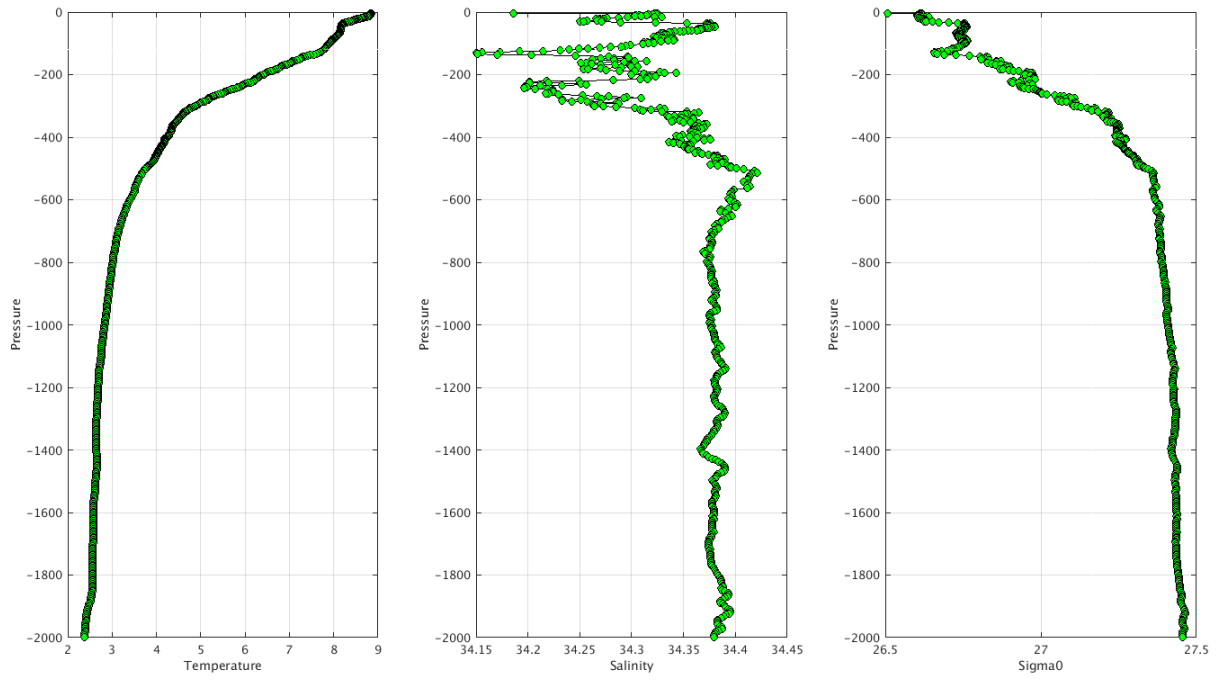
BO,3901966,28,05/01/2019 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=62885404 ,PSAL,3.1,1999.2,1,4,Primary sampling

BO,6901164,172,25/01/2019 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=63039507 ,PSAL,290,296,1,4,Primary sampling

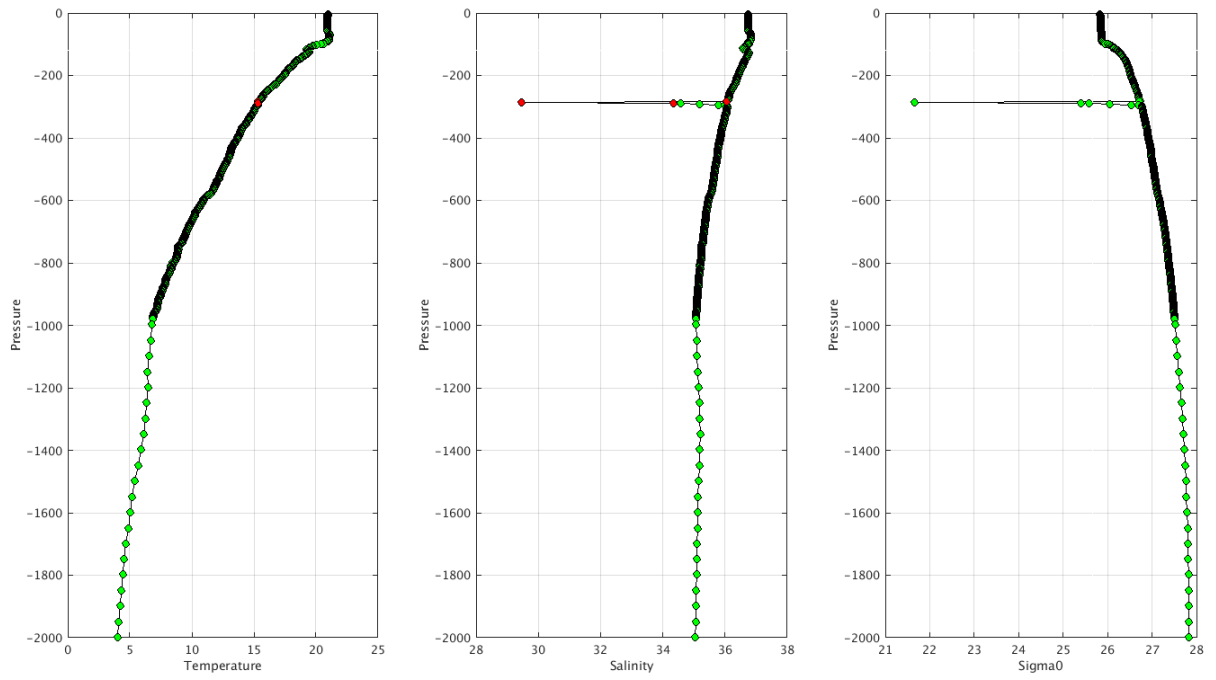
BO,6901164,172,25/01/2019 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=63039507 ,PSAL_ADJUSTED,290,296,1,4,Primary sampling

Example of corrections:

Warning Objective Analysis Anomalies 2019 January TEMP PSAL : DAC BO- Float 3901966 - 28



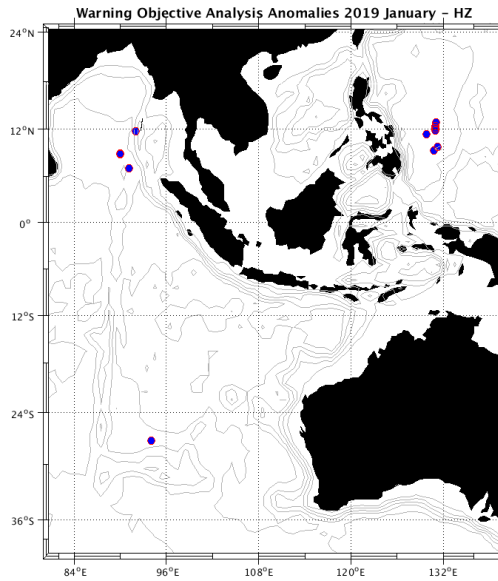
Warning Objective Analysis Anomalies 2019 January TEMP PSAL : DAC BO- Float 6901164 - 172



3. DAC CSIO

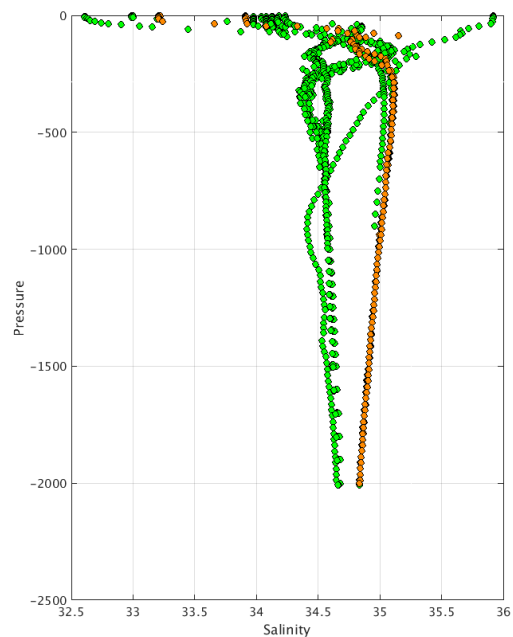
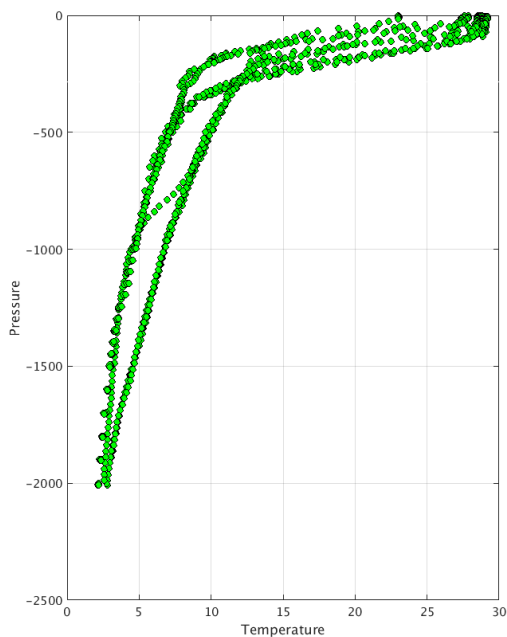
Profiles detected by the objective analysis: 12 profiles (5 floats – float can have several cycles with anomalies)

Data_mode ='R'	Data_mode ='A'	Data_mode ='D'
0 cycle	12 cycles	0 cycle



Status of corrections: Few feedback, corrections in progress.

- Float : 2902570 - Cycle : 149 - PI : ZENGHONG LIU - Data mode : A - Platform type : PROVOR - WMO inst type : 841 - FLOAT SERIAL : OIN-12-CH1-S31-18 - Date : 2018 1 16
- Float : 2902570 - Cycle : 183 - PI : ZENGHONG LIU - Data mode : A - Platform type : PROVOR - WMO inst type : 841 - FLOAT SERIAL : OIN-12-CH1-S31-18 - Date : 2018 12 21
- Float : 2902570 - Cycle : 184 - PI : ZENGHONG LIU - Data mode : A - Platform type : PROVOR - WMO inst type : 841 - FLOAT SERIAL : OIN-12-CH1-S31-18 - Date : 2018 12 31
- Float : 2902600 - Cycle : 159 - PI : ZENGHONG LIU - Data mode : A - Platform type : PROVOR - WMO inst type : 841 - FLOAT SERIAL : OIN-13CH-S31-13 - Date : 2019 1 16
- Float : 2902656 - Cycle : 210 - PI : JIANPING XU - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7193 - Date : 2018 1 2
- Float : 2902656 - Cycle : 211 - PI : JIANPING XU - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7193 - Date : 2018 1 6
- Float : 2902656 - Cycle : 212 - PI : JIANPING XU - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7193 - Date : 2018 1 10
- Float : 2902656 - Cycle : 213 - PI : JIANPING XU - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7193 - Date : 2018 1 14
- Float : 2902656 - Cycle : 237 - PI : JIANPING XU - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7193 - Date : 2018 4 20
- Float : 2902680 - Cycle : 92 - PI : Weifang Jin - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7720 - Date : 2019 1 11
- Float : 2902715 - Cycle : 76 - PI : JIANPING XU - Data mode : A - Platform type : HM2000 - WMO inst type : 870 - FLOAT SERIAL : HM2000-2017-022 - Date : 2019 1 21
- Float : 2902715 - Cycle : 77 - PI : JIANPING XU - Data mode : A - Platform type : HM2000 - WMO inst type : 870 - FLOAT SERIAL : HM2000-2017-022 - Date : 2019 1 26

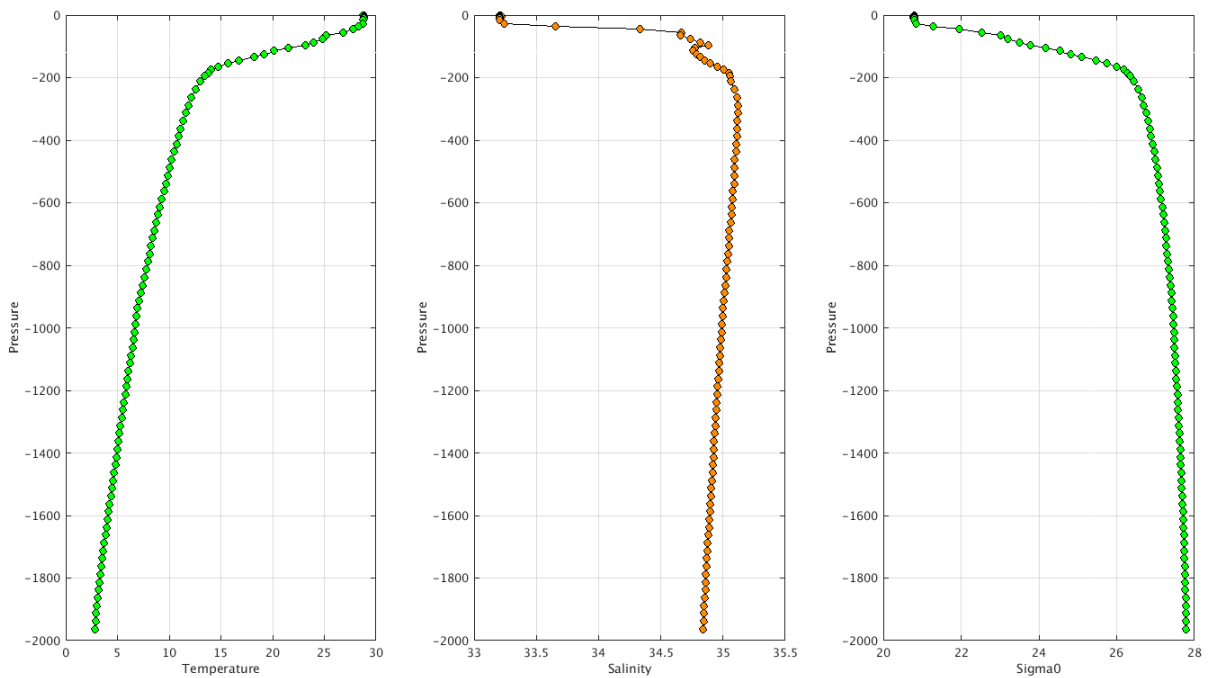


DAC_CODE,PLATFORM_CODE,CV_NUMBER,DATE_UPDATE,DIRECTION,WEB_URL,PARAMETER,START_IMMERSION,STOP_IMMERSION,OLD_QC,NEW_QC,VERTICAL_SAMPLING_SCHEME

HZ,2902570,149,16/01/2018 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=54680356> ,PSAL_ADJUSTED,1,2007,1,3,Primary sampling
HZ,2902570,183,22/12/2018 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=62789046> ,PSAL,1,1964,1,3,Primary sampling
HZ,2902570,183,22/12/2018 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=62789046> ,PSAL_ADJUSTED,1,1964,1,3,Primary sampling
HZ,2902570,184,01/01/2019 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=62867895> ,PSAL,1,2002,1,3,Primary sampling
HZ,2902570,184,01/01/2019 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=62867895> ,PSAL_ADJUSTED,1,2002,1,3,Primary sampling
HZ,2902600,159,17/01/2019 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=62986392> ,PSAL,1,1988,1,3,Primary sampling
HZ,2902600,159,17/01/2019 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=62986392> ,PSAL_ADJUSTED,1,1988,1,3,Primary sampling
HZ,2902656,210,03/01/2018 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=54592606> ,PSAL_ADJUSTED,5.3,1899.2,1,3,Primary sampling
HZ,2902656,211,07/01/2018 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=54611823> ,PSAL_ADJUSTED,5.6,1999.5,1,3,Primary sampling
HZ,2902656,212,11/01/2018 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=54642061> ,PSAL_ADJUSTED,5.2,1900.1,1,3,Primary sampling
HZ,2902656,213,15/01/2018 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=54666475> ,PSAL_ADJUSTED,6.4,2000.7,1,3,Primary sampling
HZ,2902656,237,21/04/2018 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=55567483> ,PSAL,449.8,449.8,1,4,Primary sampling
HZ,2902656,237,21/04/2018 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=55567483> ,TEMP,449.8,449.8,1,4,Primary sampling
HZ,2902680,92,11/01/2019 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=62937674> ,PRES,1715.5,1715.5,1,4,Primary sampling
HZ,2902680,92,11/01/2019 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=62937674> ,PRES,768.1,793.7,1,4,Primary sampling
HZ,2902680,92,11/01/2019 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=62937674> ,PRES_ADJUSTED,1715.5,1715.5,1,4,Primary sampling
HZ,2902680,92,11/01/2019 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=62937674> ,PRES_ADJUSTED,768.1,793.7,1,4,Primary sampling
HZ,2902680,92,11/01/2019 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=62937674> ,PSAL,768.1,768.1,1,4,Primary sampling
HZ,2902680,92,11/01/2019 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=62937674> ,PSAL_ADJUSTED,768.1,768.1,1,4,Primary sampling
HZ,2902680,92,11/01/2019 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=62937674> ,TEMP,768.1,768.1,1,4,Primary sampling
HZ,2902680,92,11/01/2019 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=62937674> ,TEMP_ADJUSTED,768.1,768.1,1,4,Primary sampling
HZ,2902715,76,21/01/2019 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=63004730> ,PSAL,3.4,2007.2,1,3,Primary sampling
HZ,2902715,76,21/01/2019 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=63004730> ,PSAL_ADJUSTED,3.4,2007.2,1,3,Primary sampling
HZ,2902715,77,26/01/2019 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=63041830> ,PSAL,2.7,2007.4,1,3,Primary sampling
HZ,2902715,77,26/01/2019 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=63041830> ,PSAL_ADJUSTED,2.7,2007.4,1,3,Primary sampling

Example of corrections:

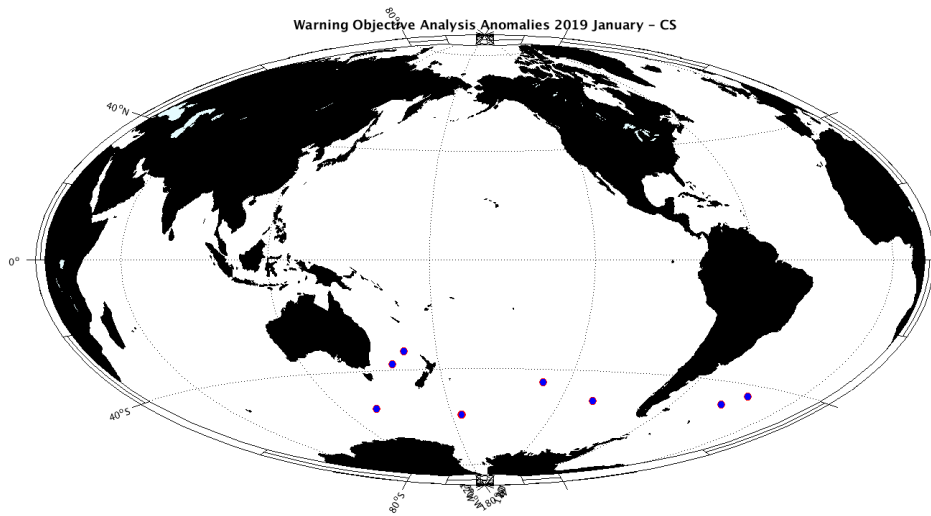
Warning Objective Analysis Anomalies 2019 January TEMP PSAL : DAC HZ- Float 2902570 - 183



4. DAC CSIRO

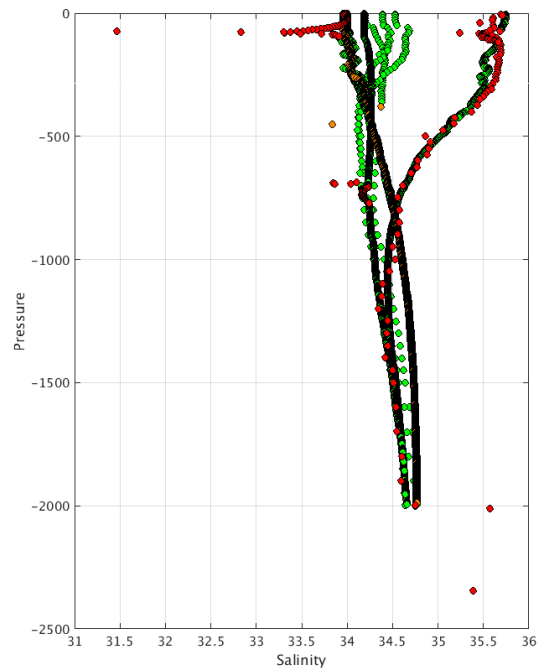
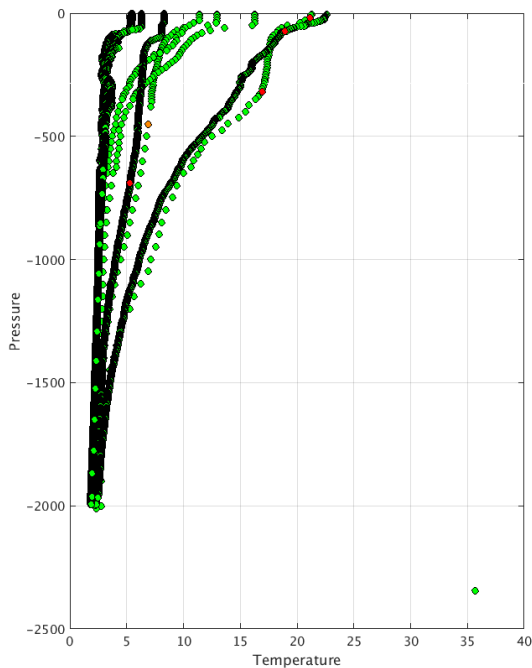
Profiles detected by the objective analysis: 9 profiles (7 floats – float can have several cycles with anomalies)

Data_mode ='R'	Data_mode ='A'	Data_mode ='D'
0 cycle	9 cycles	0 cycle



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

Float : 5901659 - Cycle : 392 - PI : Susan Wijffels - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 3709 - Date : 2018 12 31
 Float : 5901691 - Cycle : 340 - PI : Susan Wijffels - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 3820 - Date : 2018 4 8
 Float : 5903252 - Cycle : 288 - PI : Susan Wijffels - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 4715 - Date : 2018 1 3
 Float : 5903252 - Cycle : 295 - PI : Susan Wijffels - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 4715 - Date : 2018 3 14
 Float : 5904228 - Cycle : 223 - PI : Steve Rintoul - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 6155 - Date : 2019 1 2
 Float : 5904998 - Cycle : 114 - PI : Susan Wijffels - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7377 - Date : 2018 12 26
 Float : 5905185 - Cycle : 79 - PI : Susan Wijffels - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7798 - Date : 2019 1 15
 Float : 5905185 - Cycle : 80 - PI : Susan Wijffels - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7798 - Date : 2019 1 25
 Float : 5905399 - Cycle : 28 - PI : Peter Oke - Data mode : A - Platform type : NAVIS_EBR - WMO inst type : 869 - FLOAT SERIAL : 903 - Date : 2019 1 3

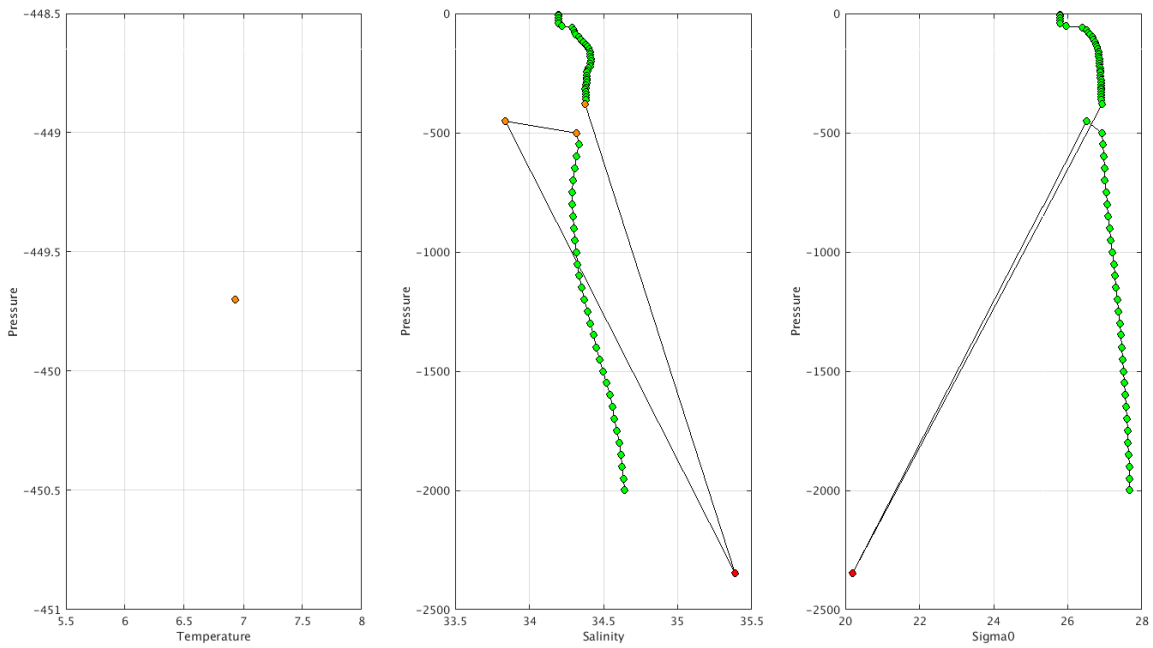


DAC_CODE,PLATFORM_CODE,CV_NUMBER,DATE_UPDATE,DIRECTION,WEB_URL,PARAMETER,START_IMMERSION,STOP_IMMERSION,OLD_QC,NEW_QC,VERTICAL_SAMPLING_SCHEME

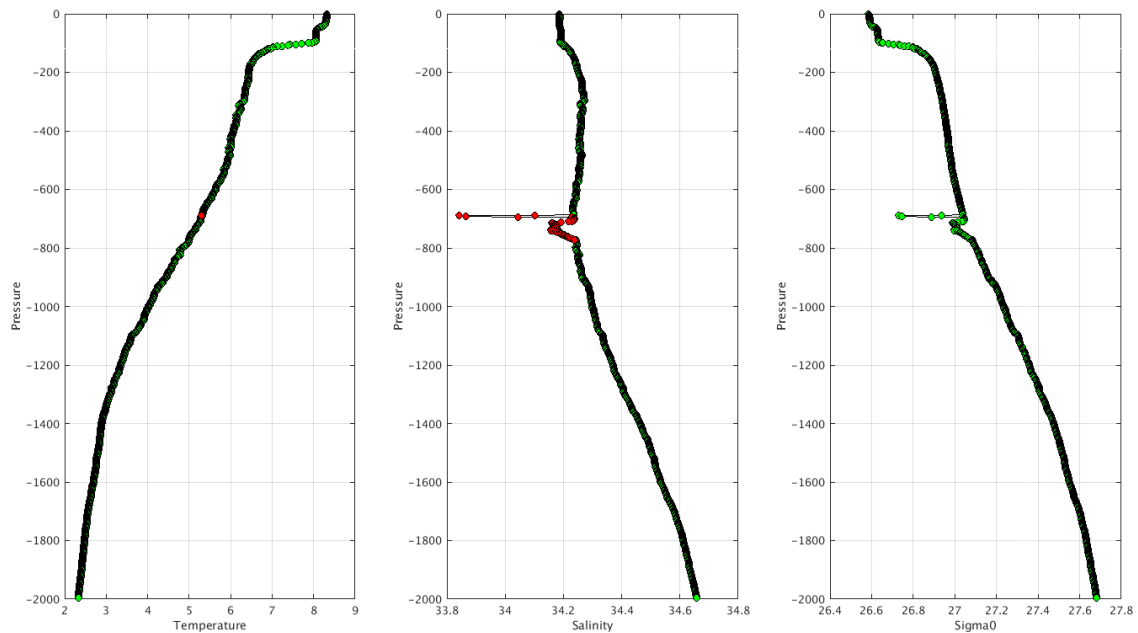
CS,5901659,392,03/01/2019 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=62867952 ,PSAL,2009.8,2009.8,3,4,Primary sampling
 CS,5901659,392,03/01/2019 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=62867952 ,PSAL_ADJUSTED,2009.8,2009.8,3,4,Primary sampling
 CS,5901691,340,16/04/2018 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=55303572 ,TEMP_ADJUSTED,2345.5,2345.5,1,3,Primary sampling
 CS,5903252,288,06/01/2018 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=54593027 ,PSAL_ADJUSTED,4.2,1900.1,1,3,Primary sampling
 CS,5903252,295,17/03/2018 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=55074235 ,PSAL_ADJUSTED,4.8,2000.5,1,3,Primary sampling
 CS,5904228,223,02/01/2019 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=62870941 ,PSAL,692,772,1,4,Primary sampling
 CS,5904228,223,02/01/2019 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=62870941 ,PSAL_ADJUSTED,692,772,1,4,Primary sampling
 CS,5904998,114,26/12/2018 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=62817478 ,PSAL,80,82,2,4,Primary sampling
 CS,5904998,114,26/12/2018 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=62817478 ,PSAL_ADJUSTED,80,84,2,4,Primary sampling
 CS,5905185,79,15/01/2019 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=62971465 ,PSAL,2.6,1988,1,3,Primary sampling
 CS,5905185,79,15/01/2019 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=62971465 ,PSAL_ADJUSTED,2.6,1988,1,3,Primary sampling
 CS,5905185,80,25/01/2019 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=63039416 ,PSAL,2.9,1993.7,1,3,Primary sampling
 CS,5905185,80,25/01/2019 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=63039416 ,PSAL_ADJUSTED,2.9,1993.7,1,3,Primary sampling
 CS,5905399,28,03/01/2019 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=62882571 ,PSAL,76,116,1,4,Primary sampling
 CS,5905399,28,03/01/2019 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=62882571 ,PSAL_ADJUSTED,76,116,1,4,Primary sampling

Example of corrections:

Warning Objective Analysis Anomalies 2019 January TEMP PSAL : DAC CS- Float 5901691 - 340



Warning Objective Analysis Anomalies 2019 January TEMP PSAL : DAC CS- Float 5904228 - 223

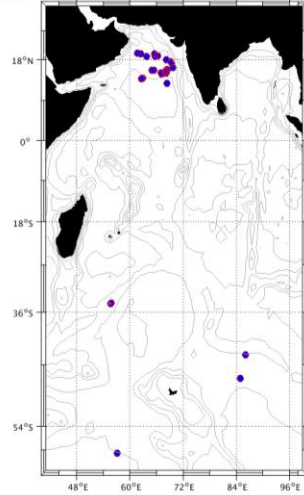


5. DAC INCOIS

Profiles detected by the objective analysis: 27 profiles (14 floats – float can have several cycles with anomalies)

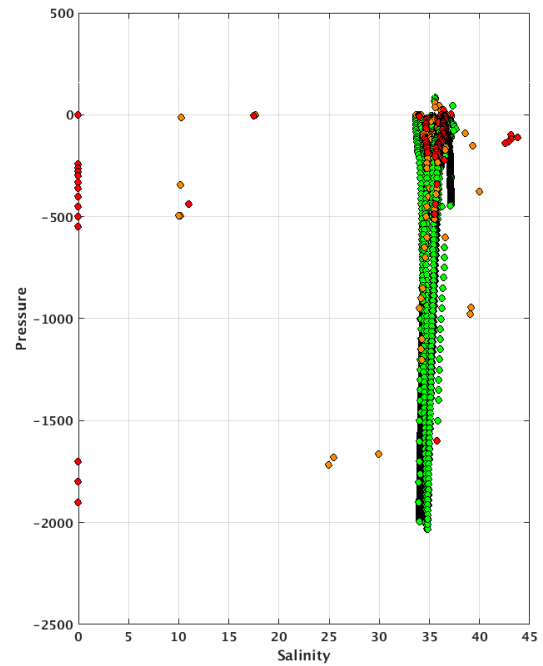
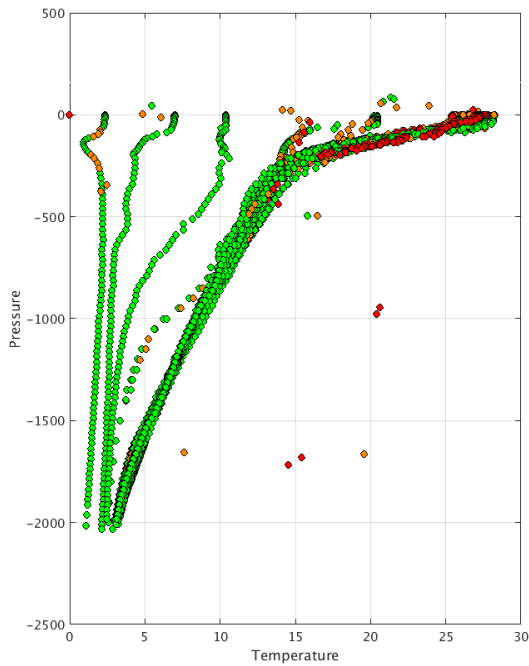
Data_mode ='R'	Data_mode ='A'	Data_mode ='D'
0 cycle	27 cycles	0 cycle

Warning Objective Analysis Anomalies 2019 January – IN



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

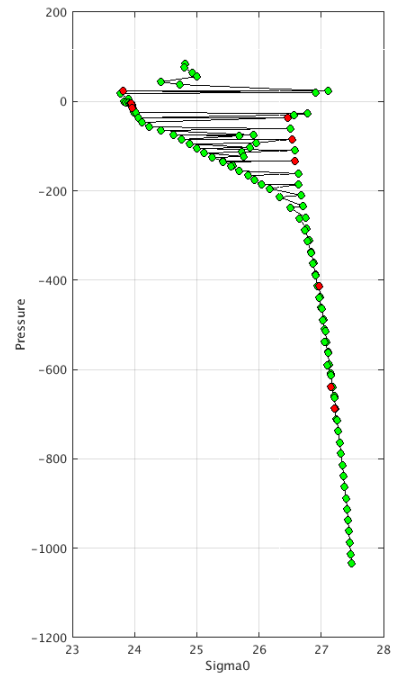
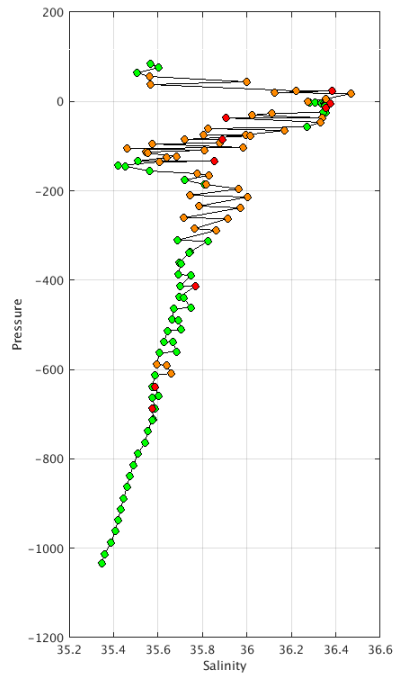
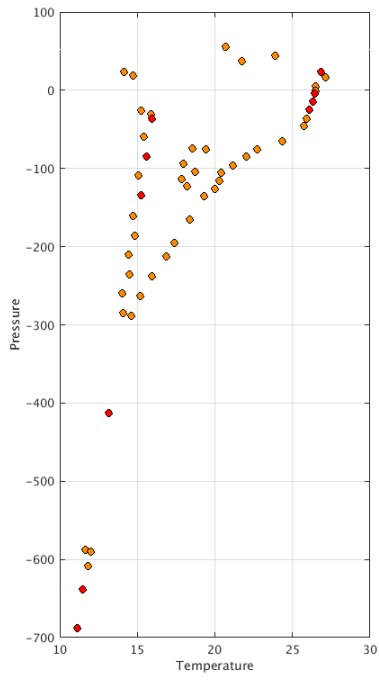
Float : 2902169 - Cycle : 111 - PI : M Ravichandran - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7099 - Date : 2018 2 2
 Float : 2902169 - Cycle : 112 - PI : M Ravichandran - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7099 - Date : 2018 2 12
 Float : 2902175 - Cycle : 299 - PI : M Ravichandran - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7123 - Date : 2018 12 29
 Float : 2902175 - Cycle : 300 - PI : M Ravichandran - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7123 - Date : 2019 1 8
 Float : 2902175 - Cycle : 301 - PI : M Ravichandran - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7123 - Date : 2019 1 18
 Float : 2902206 - Cycle : 106 - PI : M Ravichandran - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7540 - Date : 2019 1 27
 Float : 2902246 - Cycle : 39 - PI : M Ravichandran - Data mode : A - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 17101 - Date : 2019 1 15
 Float : 2902249 - Cycle : 1 - PI : M Ravichandran - Data mode : A - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 17104 - Date : 2018 2 1
 Float : 2902250 - Cycle : 35 - PI : M Ravichandran - Data mode : A - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 17105 - Date : 2019 1 12
 Float : 2902254 - Cycle : 0 - PI : M Ravichandran - Data mode : A - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 17107 - Date : 2018 1 16
 Float : 2902254 - Cycle : 58 - PI : M Ravichandran - Data mode : A - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 17107 - Date : 2019 1 15
 Float : 2902255 - Cycle : 141 - PI : M Ravichandran - Data mode : A - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 17108 - Date : 2019 1 11
 Float : 2902255 - Cycle : 142 - PI : M Ravichandran - Data mode : A - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 17108 - Date : 2019 1 21
 Float : 2902256 - Cycle : 141 - PI : M Ravichandran - Data mode : A - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 17109 - Date : 2019 1 11
 Float : 2902256 - Cycle : 142 - PI : M Ravichandran - Data mode : A - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 17109 - Date : 2019 1 21
 Float : 2902257 - Cycle : 13 - PI : M Ravichandran - Data mode : A - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 17110 - Date : 2018 2 1
 Float : 2902257 - Cycle : 37 - PI : M Ravichandran - Data mode : A - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 17110 - Date : 2018 3 1
 Float : 2902257 - Cycle : 48 - PI : M Ravichandran - Data mode : A - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 17110 - Date : 2018 3 14
 Float : 2902257 - Cycle : 141 - PI : M Ravichandran - Data mode : A - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 17110 - Date : 2019 1 11
 Float : 2902257 - Cycle : 142 - PI : M Ravichandran - Data mode : A - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 17110 - Date : 2019 1 21
 Float : 2902258 - Cycle : 50 - PI : M Ravichandran - Data mode : A - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 17111 - Date : 2018 3 14
 Float : 2902259 - Cycle : 34 - PI : M Ravichandran - Data mode : A - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 17112 - Date : 2019 1 12
 Float : 2902259 - Cycle : 35 - PI : M Ravichandran - Data mode : A - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 17112 - Date : 2019 1 22
 Float : 2902260 - Cycle : 34 - PI : M Ravichandran - Data mode : A - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 17113 - Date : 2019 1 12
 Float : 2902260 - Cycle : 35 - PI : M Ravichandran - Data mode : A - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 17113 - Date : 2019 1 22
 Float : 2902261 - Cycle : 33 - PI : M Ravichandran - Data mode : A - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 17114 - Date : 2019 1 2
 Float : 2902261 - Cycle : 34 - PI : M Ravichandran - Data mode : A - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 17114 - Date : 2019 1 12



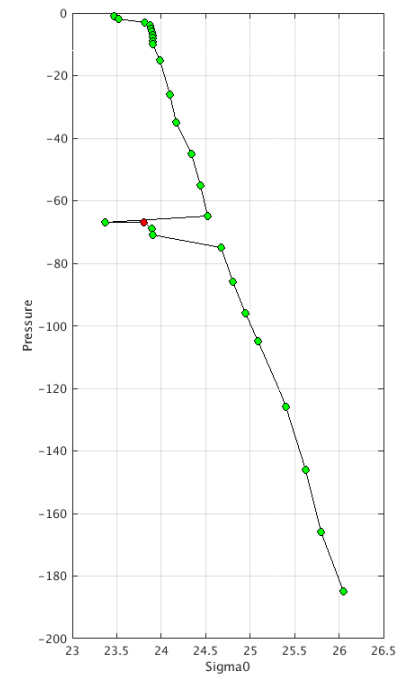
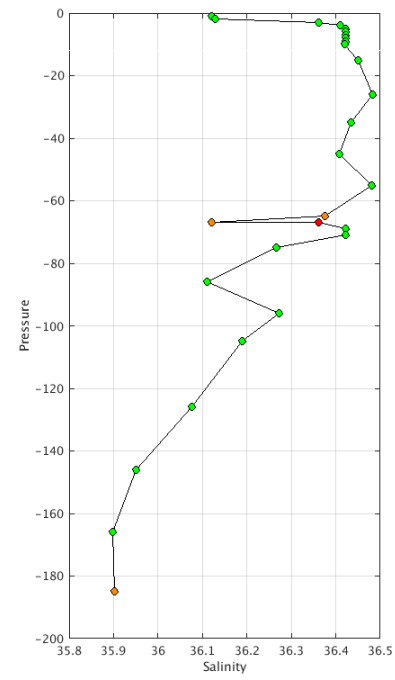
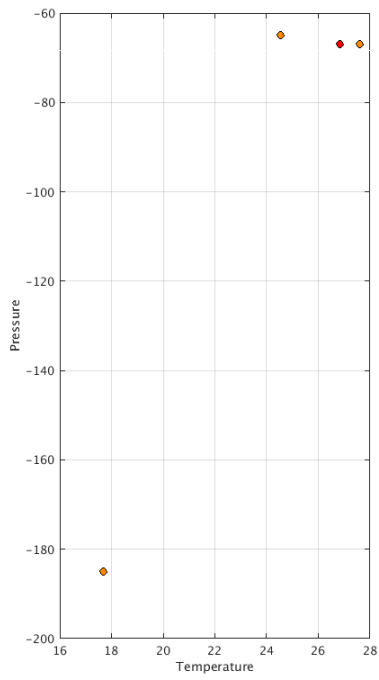
DAC_CODE,PLATFORM_CODE,CV_NUMBER,DATE_UPDATE,DIRECTION,WEB_URL,PARAMETER,START_IMMERSION,STOP_IMMERSION,OLD_QC,NEW_QC,VERTICAL_SAMPLING_SCHEME

IN,2902169,111,05/02/2018 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=54784907 ,PSAL_ADJUSTED,1000.3,1998.2,1,3,Primary sampling
 IN,2902169,111,05/02/2018 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=54784907 ,PSAL_ADJUSTED,110.2,330,1,3,Primary sampling
 IN,2902169,111,05/02/2018 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=54784907 ,PSAL_ADJUSTED,3.8,15.3,1,3,Primary sampling
 IN,2902169,111,05/02/2018 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=54784907 ,PSAL_ADJUSTED,50.4,79.8,1,3,Primary sampling
 IN,2902169,111,05/02/2018 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=54784907 ,PSAL_ADJUSTED,550.3,799.8,1,3,Primary sampling
 IN,2902169,112,15/02/2018 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=54847635 ,PSAL_ADJUSTED,1250,1899.8,1,3,Primary sampling
 IN,2902169,112,15/02/2018 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=54847635 ,PSAL_ADJUSTED,130.1,190.3,1,3,Primary sampling
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 IN,2902169,112,15/02/2018 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=54847635 ,PSAL_ADJUSTED,750.5,1050.1,1,3,Primary sampling
 IN,2902175,299,30/12/2018 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=62841751 ,PSAL,4,1970.1,3,4,Primary sampling
 IN,2902175,299,30/12/2018 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=62841751 ,PSAL_ADJUSTED,4,1970.1,3,4,Primary sampling
 IN,2902175,300,09/01/2019 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=62921172 ,PSAL,102,258,3,4,Primary sampling
 IN,2902175,300,09/01/2019 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=62921172 ,PSAL,264,1994,1,4,Primary sampling
 IN,2902175,300,09/01/2019 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=62921172 ,PSAL,3.9,100,1,4,Primary sampling
 IN,2902175,300,09/01/2019 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=62921172 ,PSAL_ADJUSTED,102,258,3,4,Primary sampling
 IN,2902175,300,09/01/2019 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=62921172 ,PSAL_ADJUSTED,264,1994,1,4,Primary sampling
 IN,2902175,300,09/01/2019 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=62921172 ,PSAL_ADJUSTED,3.9,100,1,4,Primary sampling
 IN,2902175,300,09/01/2019 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=62921173 ,PSAL,101.75,241.25,3,4,Secondary sampling
 IN,2902175,300,09/01/2019 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=62921173 ,PSAL,2000.54,2000.54,1,3,Secondary sampling
 IN,2902175,301,19/01/2019 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=62989227 ,PSAL,2.6,1977.9,1,4,Primary sampling
 IN,2902175,301,19/01/2019 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=62989227 ,PSAL_ADJUSTED,2.6,1977.9,1,4,Primary sampling
 IN,2902175,301,19/01/2019 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=62989228 ,PSAL,4.03,1901.42,1,4,Secondary sampling
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 IN,2902206,106,28/01/2019 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=63053903 ,PSAL,150.5,199.6,3,4,Primary sampling
 IN,2902206,106,28/01/2019 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=63053903 ,PSAL,599.8,1499.7,3,4,Primary sampling
 IN,2902206,106,28/01/2019 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=63053903 ,PSAL_ADJUSTED,150.5,199.6,3,4,Primary sampling
 IN,2902206,106,28/01/2019 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=63053903 ,PSAL_ADJUSTED,4.1,90.6,3,4,Primary sampling
 IN,2902206,106,28/01/2019 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=63053903 ,PSAL_ADJUSTED,599.8,1499.7,3,4,Primary sampling
 IN,2902246,39,16/01/2019 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=62973683 ,TEMP,0,0,1,4,Primary sampling
 IN,2902246,39,18/01/2019 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=62973683 ,TEMP,0,0,1,4,Primary sampling
 IN,2902246,39,18/01/2019 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=62973683 ,TEMP_ADJUSTED,0,0,1,4,Primary sampling
 IN,2902249,1,13/04/2018 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=55021432 ,PSAL_ADJUSTED,288,738,1,3,Primary sampling
 IN,2902250,35,13/01/2019 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=62951440 ,TEMP,0,0,1,4,Primary sampling
 IN,2902250,35,13/01/2019 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=62951440 ,TEMP_ADJUSTED,0,0,1,4,Primary sampling
 IN,2902250,35,15/01/2019 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=62951440 ,TEMP,0,0,1,4,Primary sampling
 IN,2902250,35,15/01/2019 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=62951440 ,TEMP_ADJUSTED,0,0,1,4,Primary sampling
 IN,2902254,0,14/03/2018 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=55056242 ,PSAL_ADJUSTED,310,313,1,3,Primary sampling
 IN,2902254,0,14/03/2018 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=55056242 ,TEMP_ADJUSTED,310,313,1,3,Primary sampling
 IN,2902254,58,16/01/2019 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=62973684 ,TEMP,0,0,1,4,Primary sampling
 IN,2902254,58,16/01/2019 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=62973684 ,TEMP_ADJUSTED,0,0,1,4,Primary sampling
 IN,2902254,58,18/01/2019 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=62973684 ,TEMP,0,0,1,4,Primary sampling
 IN,2902254,58,18/01/2019 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=62973684 ,TEMP_ADJUSTED,0,0,1,4,Primary sampling
 IN,2902255,141,14/01/2019 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=62938488 ,TEMP,0,0,1,4,Primary sampling

Warning Objective Analysis Anomalies 2019 January TEMP PSAL : DAC IN- Float 2902254 - 0



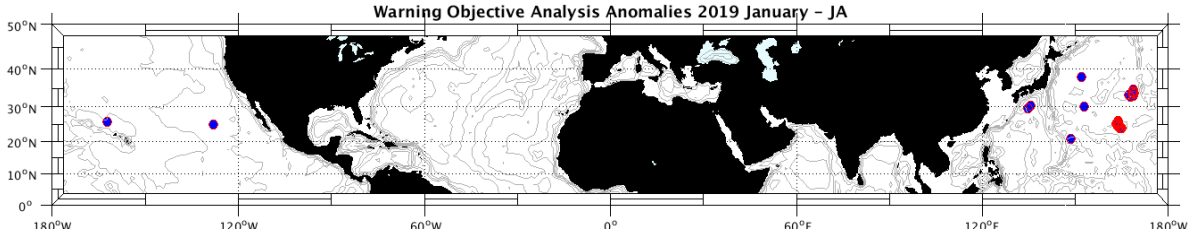
Warning Objective Analysis Anomalies 2019 January TEMP PSAL : DAC IN- Float 2902257 - 37



6. DAC JMA/JAMSTEC

Profiles detected by the objective analysis: 51 profiles (8 floats – float can have several cycles with anomalies)

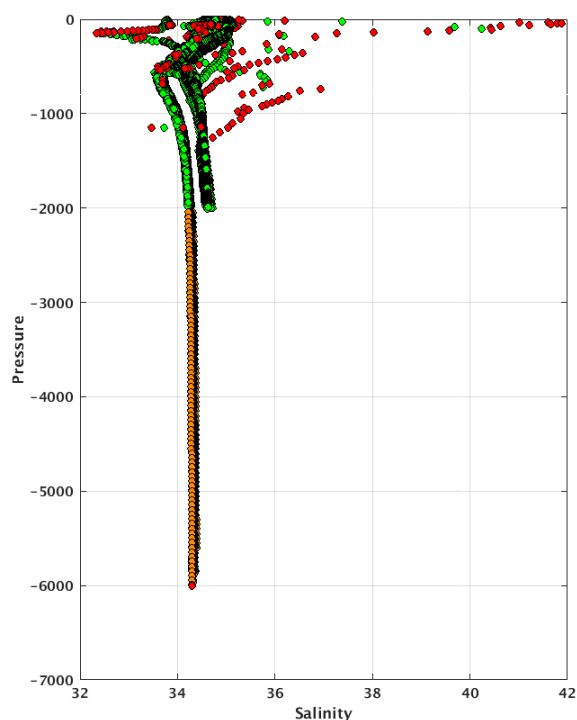
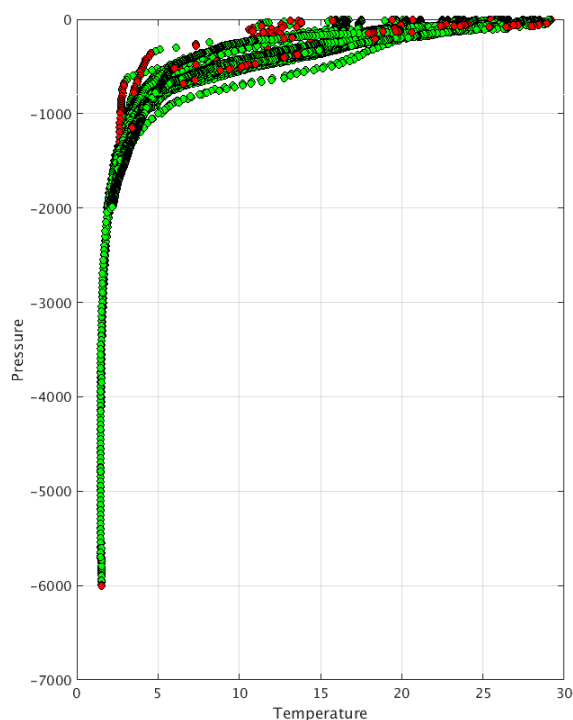
Data_mode ='R'	Data_mode ='A'	Data_mode ='D'
48 cycles	3 cycles	0 cycle



Status of corrections: Correction in progress, feedbacks

Float : 2902993 - Cycle : 82 - PI : JMA - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : OIN-15JAP-ARL-19 - Date : 2019	1	13
Float : 2903177 - Cycle : 137 - PI : JMA - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : AK - Date : 2019	1	20
Float : 2903177 - Cycle : 138 - PI : JMA - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : AK - Date : 2019	1	25
Float : 2903190 - Cycle : 126 - PI : JMA - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : AK - Date : 2019	1	25
Float : 2903203 - Cycle : 95 - PI : JMA - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : AK - Date : 2018	12	19
Float : 2903203 - Cycle : 96 - PI : JMA - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : AK - Date : 2018	12	24
Float : 2903203 - Cycle : 97 - PI : JMA - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : AK - Date : 2018	12	29
Float : 2903203 - Cycle : 98 - PI : JMA - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : AK - Date : 2019	1	3
Float : 2903203 - Cycle : 99 - PI : JMA - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : AK - Date : 2019	1	8
Float : 2903203 - Cycle : 100 - PI : JMA - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : AK - Date : 2019	1	13
Float : 2903203 - Cycle : 101 - PI : JMA - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : AK - Date : 2019	1	18
Float : 2903203 - Cycle : 102 - PI : JMA - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : AK - Date : 2019	1	23
Float : 2903212 - Cycle : 1 - PI : JAMSTEC - Data mode : R - Platform type : APEX_D - WMO inst type : 849 - FLOAT SERIAL : 29 - Date : 2017	12	1
Float : 2903212 - Cycle : 2 - PI : JAMSTEC - Data mode : R - Platform type : APEX_D - WMO inst type : 849 - FLOAT SERIAL : 29 - Date : 2017	12	4
Float : 2903212 - Cycle : 3 - PI : JAMSTEC - Data mode : R - Platform type : APEX_D - WMO inst type : 849 - FLOAT SERIAL : 29 - Date : 2017	12	7
Float : 2903212 - Cycle : 4 - PI : JAMSTEC - Data mode : R - Platform type : APEX_D - WMO inst type : 849 - FLOAT SERIAL : 29 - Date : 2017	12	10
Float : 2903212 - Cycle : 5 - PI : JAMSTEC - Data mode : R - Platform type : APEX_D - WMO inst type : 849 - FLOAT SERIAL : 29 - Date : 2017	12	13
Float : 2903212 - Cycle : 7 - PI : JAMSTEC - Data mode : R - Platform type : APEX_D - WMO inst type : 849 - FLOAT SERIAL : 29 - Date : 2017	12	18
Float : 2903212 - Cycle : 9 - PI : JAMSTEC - Data mode : R - Platform type : APEX_D - WMO inst type : 849 - FLOAT SERIAL : 29 - Date : 2017	12	24
Float : 2903212 - Cycle : 10 - PI : JAMSTEC - Data mode : R - Platform type : APEX_D - WMO inst type : 849 - FLOAT SERIAL : 29 - Date : 2017	12	27
Float : 2903212 - Cycle : 11 - PI : JAMSTEC - Data mode : R - Platform type : APEX_D - WMO inst type : 849 - FLOAT SERIAL : 29 - Date : 2017	12	31
Float : 2903212 - Cycle : 12 - PI : JAMSTEC - Data mode : R - Platform type : APEX_D - WMO inst type : 849 - FLOAT SERIAL : 29 - Date : 2018	1	3
Float : 2903212 - Cycle : 13 - PI : JAMSTEC - Data mode : R - Platform type : APEX_D - WMO inst type : 849 - FLOAT SERIAL : 29 - Date : 2018	1	6
Float : 2903212 - Cycle : 14 - PI : JAMSTEC - Data mode : R - Platform type : APEX_D - WMO inst type : 849 - FLOAT SERIAL : 29 - Date : 2018	1	21
Float : 2903212 - Cycle : 15 - PI : JAMSTEC - Data mode : R - Platform type : APEX_D - WMO inst type : 849 - FLOAT SERIAL : 29 - Date : 2018	2	5
Float : 2903212 - Cycle : 16 - PI : JAMSTEC - Data mode : R - Platform type : APEX_D - WMO inst type : 849 - FLOAT SERIAL : 29 - Date : 2018	2	20
Float : 2903212 - Cycle : 17 - PI : JAMSTEC - Data mode : R - Platform type : APEX_D - WMO inst type : 849 - FLOAT SERIAL : 29 - Date : 2018	3	7
Float : 2903212 - Cycle : 18 - PI : JAMSTEC - Data mode : R - Platform type : APEX_D - WMO inst type : 849 - FLOAT SERIAL : 29 - Date : 2018	3	22
Float : 2903212 - Cycle : 19 - PI : JAMSTEC - Data mode : R - Platform type : APEX_D - WMO inst type : 849 - FLOAT SERIAL : 29 - Date : 2018	4	5
Float : 2903212 - Cycle : 20 - PI : JAMSTEC - Data mode : R - Platform type : APEX_D - WMO inst type : 849 - FLOAT SERIAL : 29 - Date : 2018	4	20
Float : 2903212 - Cycle : 21 - PI : JAMSTEC - Data mode : R - Platform type : APEX_D - WMO inst type : 849 - FLOAT SERIAL : 29 - Date : 2018	5	5
Float : 2903212 - Cycle : 22 - PI : JAMSTEC - Data mode : R - Platform type : APEX_D - WMO inst type : 849 - FLOAT SERIAL : 29 - Date : 2018	5	20
Float : 2903212 - Cycle : 23 - PI : JAMSTEC - Data mode : R - Platform type : APEX_D - WMO inst type : 849 - FLOAT SERIAL : 29 - Date : 2018	6	4
Float : 2903212 - Cycle : 24 - PI : JAMSTEC - Data mode : R - Platform type : APEX_D - WMO inst type : 849 - FLOAT SERIAL : 29 - Date : 2018	6	19
Float : 2903212 - Cycle : 25 - PI : JAMSTEC - Data mode : R - Platform type : APEX_D - WMO inst type : 849 - FLOAT SERIAL : 29 - Date : 2018	7	4
Float : 2903212 - Cycle : 26 - PI : JAMSTEC - Data mode : R - Platform type : APEX_D - WMO inst type : 849 - FLOAT SERIAL : 29 - Date : 2018	7	19
Float : 2903212 - Cycle : 27 - PI : JAMSTEC - Data mode : R - Platform type : APEX_D - WMO inst type : 849 - FLOAT SERIAL : 29 - Date : 2018	8	3
Float : 2903212 - Cycle : 28 - PI : JAMSTEC - Data mode : R - Platform type : APEX_D - WMO inst type : 849 - FLOAT SERIAL : 29 - Date : 2018	8	18
Float : 2903212 - Cycle : 29 - PI : JAMSTEC - Data mode : R - Platform type : APEX_D - WMO inst type : 849 - FLOAT SERIAL : 29 - Date : 2018	9	2
Float : 2903212 - Cycle : 30 - PI : JAMSTEC - Data mode : R - Platform type : APEX_D - WMO inst type : 849 - FLOAT SERIAL : 29 - Date : 2018	9	17
Float : 2903212 - Cycle : 31 - PI : JAMSTEC - Data mode : R - Platform type : APEX_D - WMO inst type : 849 - FLOAT SERIAL : 29 - Date : 2018	10	2
Float : 2903212 - Cycle : 32 - PI : JAMSTEC - Data mode : R - Platform type : APEX_D - WMO inst type : 849 - FLOAT SERIAL : 29 - Date : 2018	10	17
Float : 2903212 - Cycle : 33 - PI : JAMSTEC - Data mode : R - Platform type : APEX_D - WMO inst type : 849 - FLOAT SERIAL : 29 - Date : 2018	11	1
Float : 2903212 - Cycle : 34 - PI : JAMSTEC - Data mode : R - Platform type : APEX_D - WMO inst type : 849 - FLOAT SERIAL : 29 - Date : 2018	11	16
Float : 2903212 - Cycle : 35 - PI : JAMSTEC - Data mode : R - Platform type : APEX_D - WMO inst type : 849 - FLOAT SERIAL : 29 - Date : 2018	12	1
Float : 2903212 - Cycle : 36 - PI : JAMSTEC - Data mode : R - Platform type : APEX_D - WMO inst type : 849 - FLOAT SERIAL : 29 - Date : 2018	12	16

Float : 2903212 - Cycle : 37 - PI : JAMSTEC - Data mode : R - Platform type : APEX_D - WMO inst type : 849 - FLOAT SERIAL : 29 - Date : 2018 12 31
 Float : 2903212 - Cycle : 38 - PI : JAMSTEC - Data mode : R - Platform type : APEX_D - WMO inst type : 849 - FLOAT SERIAL : 29 - Date : 2019 1 15
 Float : 4902363 - Cycle : 319 - PI : JAMSTEC - Data mode : A - Platform type : NAVIS_A - WMO inst type : 863 - FLOAT SERIAL : 0576 - Date : 2019 1 8
 Float : 5904935 - Cycle : 145 - PI : JAMSTEC - Data mode : A - Platform type : NAVIS_A - WMO inst type : 863 - FLOAT SERIAL : 0401 - Date : 2019 1 25
 Float : 5905057 - Cycle : 122 - PI : JAMSTEC - Data mode : A - Platform type : NAVIS_A - WMO inst type : 863 - FLOAT SERIAL : 0674 - Date : 2019 1 26



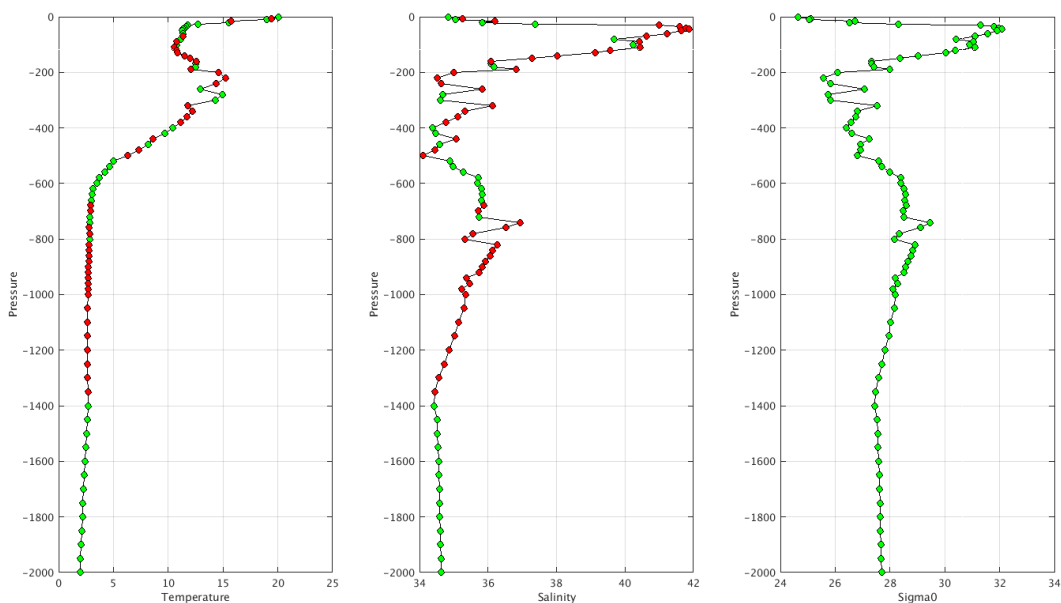
DAC_CODE,PLATFORM_CODE,CV_NUMBER,DATE_UPDATE,DIRECTION,WEB_URL,PARAMETER,START_IMMERSION,STOP_IMMERSION,OLD_QC,NEW_QC,VERTICAL_SAMPLING_SCHEME

JA,2902993,82,13/01/2019 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=62954022> ,PSAL,,8.6.2,1,4,Primary sampling
 JA,2902993,82,13/01/2019 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=62954022> ,PSAL,109.9,109.9,1,4,Primary sampling
 JA,2902993,82,13/01/2019 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=62954022> ,PSAL,160.4,170,1,4,Primary sampling
 JA,2902993,82,13/01/2019 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=62954022> ,PSAL,239.8,239.8,1,4,Primary sampling
 JA,2902993,82,13/01/2019 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=62954022> ,PSAL,25.3,25.3,1,4,Primary sampling
 JA,2902993,82,13/01/2019 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=62954022> ,PSAL,300.7,340.3,1,4,Primary sampling
 JA,2902993,82,13/01/2019 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=62954022> ,PSAL,40.1,44.5,1,4,Primary sampling
 JA,2902993,82,13/01/2019 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=62954022> ,PSAL,580.8,580.8,1,4,Primary sampling
 JA,2902993,82,13/01/2019 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=62954022> ,PSAL,60.6,60.6,1,4,Primary sampling
 JA,2902993,82,13/01/2019 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=62954022> ,PSAL,680.7,699.8,1,4,Primary sampling
 JA,2902993,82,13/01/2019 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=62954022> ,PSAL,799.4,920.3,1,4,Primary sampling
 JA,2902993,82,17/01/2019 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=62954022> ,PSAL,,8.6.2,1,4,Primary sampling
 JA,2902993,82,17/01/2019 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=62954022> ,PSAL,109.9,109.9,1,4,Primary sampling
 JA,2902993,82,17/01/2019 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=62954022> ,PSAL,160.4,170,1,4,Primary sampling
 JA,2902993,82,17/01/2019 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=62954022> ,PSAL,239.8,239.8,1,4,Primary sampling
 JA,2902993,82,17/01/2019 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=62954022> ,PSAL,25.3,25.3,1,4,Primary sampling
 JA,2902993,82,17/01/2019 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=62954022> ,PSAL,300.7,340.3,1,4,Primary sampling
 JA,2902993,82,17/01/2019 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=62954022> ,PSAL,40.1,44.5,1,4,Primary sampling
 JA,2902993,82,17/01/2019 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=62954022> ,PSAL,580.8,580.8,1,4,Primary sampling
 JA,2902993,82,17/01/2019 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=62954022> ,PSAL,60.6,60.6,1,4,Primary sampling
 JA,2902993,82,17/01/2019 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=62954022> ,PSAL,680.7,699.8,1,4,Primary sampling
 JA,2902993,82,17/01/2019 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=62954022> ,PSAL,799.4,920.3,1,4,Primary sampling
 JA,2903177,137,20/01/2019 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=63024895> ,PSAL,0,1950.1,1,3,Primary sampling
 JA,2903177,137,24/01/2019 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=63024895> ,PSAL,0,1950.1,1,3,Primary sampling
 JA,2903177,138,26/01/2019 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=63041611> ,PSAL,4.8,2001.1,1,3,Primary sampling
 JA,2903190,126,25/01/2019 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=63039570> ,PSAL,1,1,1,4,Primary sampling
 JA,2903190,126,25/01/2019 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=63039570> ,PSAL,10.3,10.3,1,4,Primary sampling
 JA,2903190,126,25/01/2019 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=63039570> ,PSAL,100.1,100.1,1,4,Primary sampling
 JA,2903190,126,25/01/2019 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=63039570> ,PSAL,1400.1,1999.9,1,4,Primary sampling
 JA,2903190,126,25/01/2019 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=63039570> ,PSAL,169.5,179.7,1,4,Primary sampling
 JA,2903190,126,25/01/2019 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=63039570> ,PSAL,20.6,25.7,1,4,Primary sampling
 JA,2903190,126,25/01/2019 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=63039570> ,PSAL,279.8,299.7,1,4,Primary sampling

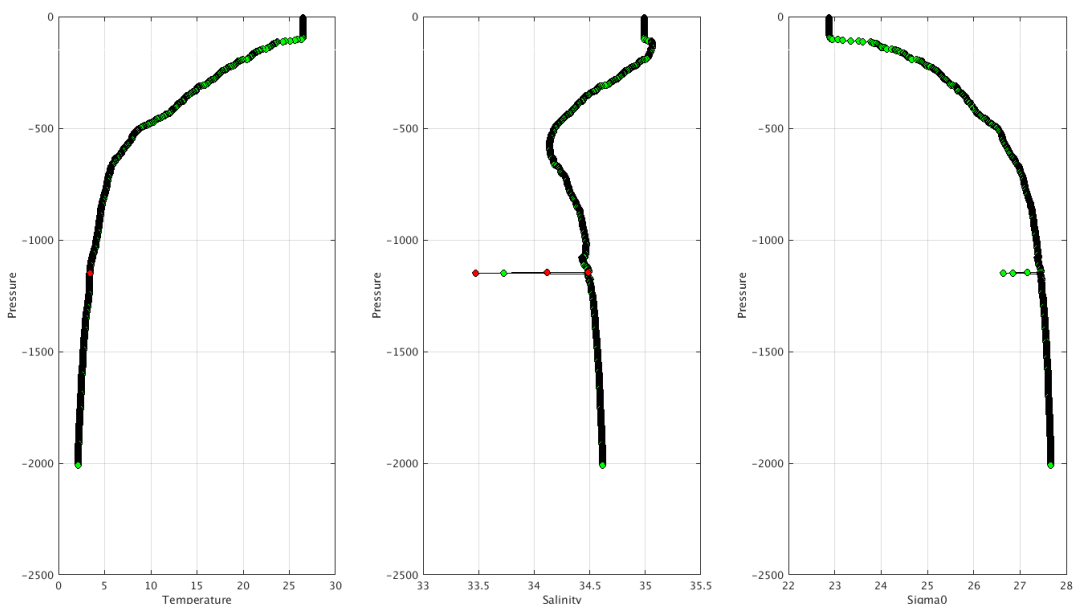
JA,5904935,145,25/01/2019 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=63039380> ,PSAL,1150,1150,1,4,Primary sampling
 JA,5904935,145,25/01/2019 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=63039380> ,PSAL_ADJUSTED,1150,1150,1,4,Primary sampling
 JA,5905057,122,26/01/2019 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=63041726> ,PSAL,134,138,1,4,Primary sampling
 JA,5905057,122,26/01/2019 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=63041726> ,PSAL,148,188,1,4,Primary sampling
 JA,5905057,122,26/01/2019 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=63041726> ,PSAL,194,200,1,4,Primary sampling
 JA,5905057,122,26/01/2019 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=63041726> ,PSAL,2.9,58,1,4,Primary sampling
 JA,5905057,122,26/01/2019 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=63041726> ,PSAL,204,514,1,4,Primary sampling
 JA,5905057,122,26/01/2019 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=63041726> ,PSAL,522,850,1,4,Primary sampling
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 JA,5905057,122,26/01/2019 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=63041726> ,PSAL_ADJUSTED,194,200,1,4,Primary sampling
 JA,5905057,122,26/01/2019 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=63041726> ,PSAL_ADJUSTED,2.9,58,1,4,Primary sampling
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 JA,5905057,122,26/01/2019 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=63041726> ,PSAL_ADJUSTED,522,850,1,4,Primary sampling
 JA,5905057,122,26/01/2019 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=63041726> ,PSAL_ADJUSTED,64,106,1,4,Primary sampling

Example of anomalies:

Warning Objective Analysis Anomalies 2019 January TEMP PSAL : DAC JA- Float 2903190 - 126



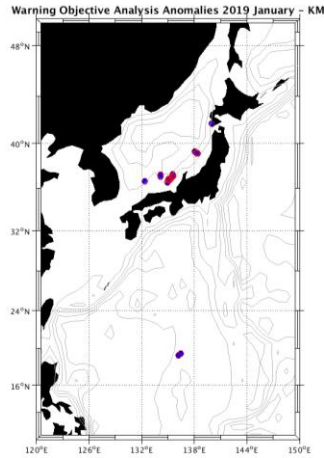
Warning Objective Analysis Anomalies 2019 January TEMP PSAL : DAC JA- Float 5904935 - 145



7. DAC KMA

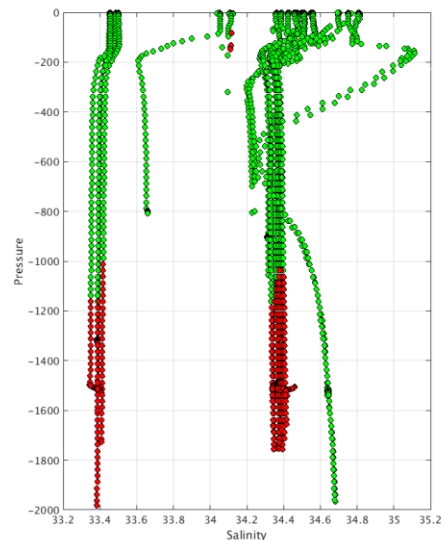
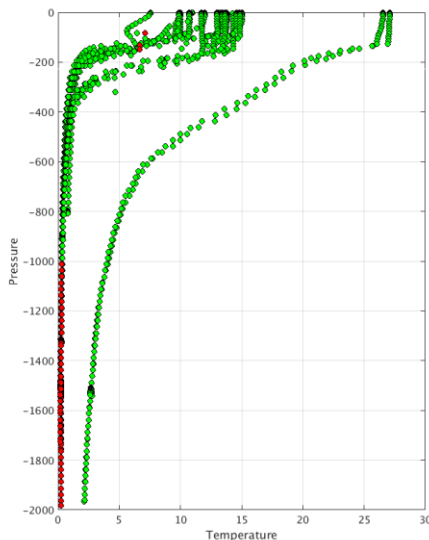
Profiles detected by the objective analysis: 22 profiles (5 floats – float can have several cycles with anomalies)

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



Status of corrections: Correction not done, few feedbacks

Float : 2901724 - Cycle : 188 - PI : Youngsoo Jeon - Data mode : R - Platform type : ARVOR - WMO inst type : 846 - FLOAT SERIAL : n/a - Date : 2018	3	13
Float : 2901744 - Cycle : 191 - PI : ByungHwan Lim - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : n/a - Date : 2019	1	17
Float : 2901744 - Cycle : 192 - PI : ByungHwan Lim - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : n/a - Date : 2019	1	24
Float : 2901757 - Cycle : 130 - PI : Jaeyoung Byon - Data mode : R - Platform type : ARVOR - WMO inst type : 846 - FLOAT SERIAL : n/a - Date : 2019	1	26
Float : 2901758 - Cycle : 79 - PI : Jaeyoung Byon - Data mode : R - Platform type : ARVOR - WMO inst type : 846 - FLOAT SERIAL : n/a - Date : 2018	12	27
Float : 2901758 - Cycle : 80 - PI : Jaeyoung Byon - Data mode : R - Platform type : ARVOR - WMO inst type : 846 - FLOAT SERIAL : n/a - Date : 2019	1	6
Float : 2901758 - Cycle : 81 - PI : Jaeyoung Byon - Data mode : R - Platform type : ARVOR - WMO inst type : 846 - FLOAT SERIAL : n/a - Date : 2019	1	16
Float : 2901758 - Cycle : 82 - PI : Jaeyoung Byon - Data mode : R - Platform type : ARVOR - WMO inst type : 846 - FLOAT SERIAL : n/a - Date : 2019	1	26
Float : 2901759 - Cycle : 52 - PI : Jaeyoung Byon - Data mode : R - Platform type : ARVOR - WMO inst type : 846 - FLOAT SERIAL : n/a - Date : 2018	1	1
Float : 2901759 - Cycle : 53 - PI : Jaeyoung Byon - Data mode : R - Platform type : ARVOR - WMO inst type : 846 - FLOAT SERIAL : n/a - Date : 2018	1	11
Float : 2901759 - Cycle : 54 - PI : Jaeyoung Byon - Data mode : R - Platform type : ARVOR - WMO inst type : 846 - FLOAT SERIAL : n/a - Date : 2018	1	21
Float : 2901759 - Cycle : 55 - PI : Jaeyoung Byon - Data mode : R - Platform type : ARVOR - WMO inst type : 846 - FLOAT SERIAL : n/a - Date : 2018	1	31
Float : 2901759 - Cycle : 56 - PI : Jaeyoung Byon - Data mode : R - Platform type : ARVOR - WMO inst type : 846 - FLOAT SERIAL : n/a - Date : 2018	2	10
Float : 2901759 - Cycle : 57 - PI : Jaeyoung Byon - Data mode : R - Platform type : ARVOR - WMO inst type : 846 - FLOAT SERIAL : n/a - Date : 2018	2	20
Float : 2901759 - Cycle : 58 - PI : Jaeyoung Byon - Data mode : R - Platform type : ARVOR - WMO inst type : 846 - FLOAT SERIAL : n/a - Date : 2018	3	2
Float : 2901759 - Cycle : 59 - PI : Jaeyoung Byon - Data mode : R - Platform type : ARVOR - WMO inst type : 846 - FLOAT SERIAL : n/a - Date : 2018	3	12
Float : 2901759 - Cycle : 88 - PI : Jaeyoung Byon - Data mode : R - Platform type : ARVOR - WMO inst type : 846 - FLOAT SERIAL : n/a - Date : 2018	12	27
Float : 2901759 - Cycle : 89 - PI : Jaeyoung Byon - Data mode : R - Platform type : ARVOR - WMO inst type : 846 - FLOAT SERIAL : n/a - Date : 2019	1	6
Float : 2901759 - Cycle : 90 - PI : Jaeyoung Byon - Data mode : R - Platform type : ARVOR - WMO inst type : 846 - FLOAT SERIAL : n/a - Date : 2019	1	16
Float : 2901759 - Cycle : 91 - PI : Jaeyoung Byon - Data mode : R - Platform type : ARVOR - WMO inst type : 846 - FLOAT SERIAL : n/a - Date : 2019	1	26
Float : 2901765 - Cycle : 89 - PI : Jaeyoung Byon - Data mode : R - Platform type : ARVOR - WMO inst type : 846 - FLOAT SERIAL : n/a - Date : 2019	1	8
Float : 2901765 - Cycle : 90 - PI : Jaeyoung Byon - Data mode : R - Platform type : ARVOR - WMO inst type : 846 - FLOAT SERIAL : n/a - Date : 2019	1	18

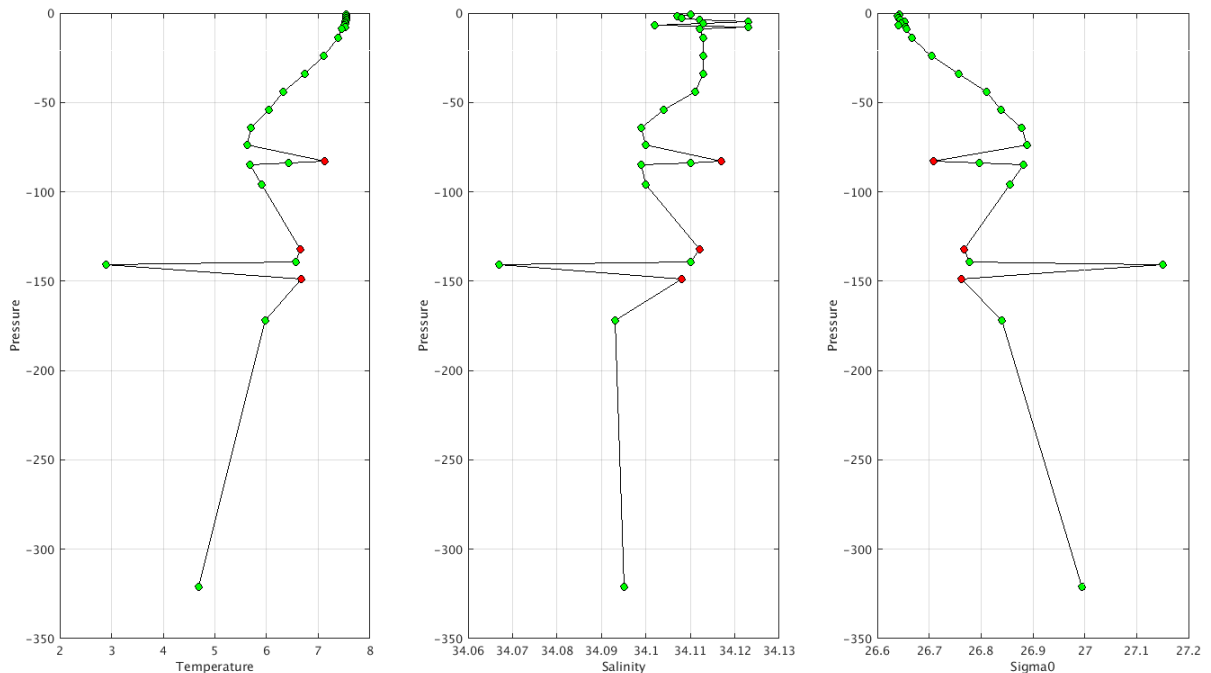


DAC_CODE,PLATFORM_CODE,CV_NUMBER,DATE_UPDATE,DIRECTION,WEB_URL,PARAMETER,START_IMMERSION,STOP_IMMERSION,OLD_QC,NEW_QC,VERTICAL_SAMPLING_SCHEME

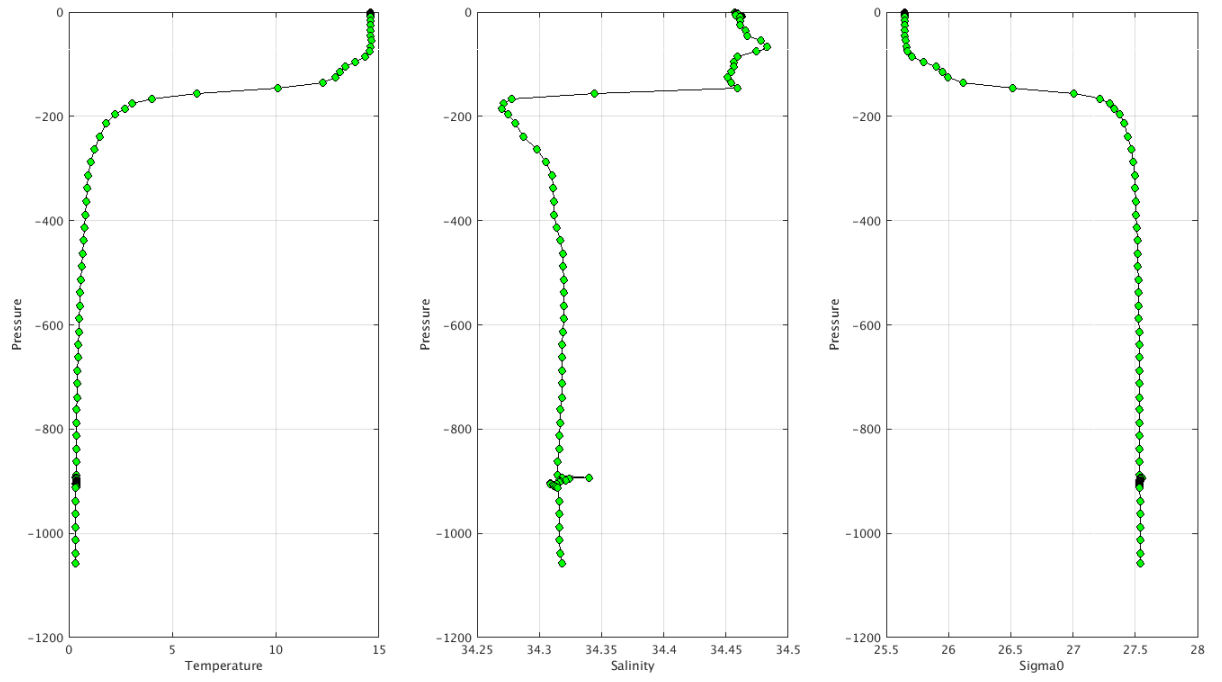
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 KM,2901744,191,17/01/2019 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=62986311> ,PSAL,4,7,804,1,3,Primary sampling
 KM,2901744,191,17/01/2019 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=62986311> ,PSAL_ADJUSTED,4,7,804,1,3,Primary sampling
 KM,2901744,192,24/01/2019 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=63036915> ,PSAL,4,7,799.8,1,3,Primary sampling
 KM,2901744,192,24/01/2019 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=63036915> ,PSAL_ADJUSTED,4,7,799.8,1,3,Primary sampling
 KM,2901757,130,27/01/2019 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=63044305> ,PSAL,1,74,1,4,Primary sampling
 KM,2901757,130,27/01/2019 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=63044305> ,PSAL,139,141,1,4,Primary sampling
 KM,2901757,130,27/01/2019 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=63044305> ,PSAL,172,321,1,4,Primary sampling
 KM,2901757,130,27/01/2019 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=63044305> ,PSAL,84,96,1,4,Primary sampling
 KM,2901757,130,27/01/2019 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=63044305> ,TEMP,1,74,1,4,Primary sampling
 KM,2901757,130,27/01/2019 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=63044305> ,TEMP,139,141,1,4,Primary sampling
 KM,2901757,130,27/01/2019 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=63044305> ,TEMP,172,321,1,4,Primary sampling
 KM,2901757,130,27/01/2019 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=63044305> ,TEMP,84,96,1,4,Primary sampling
 KM,2901758,79,28/12/2018 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=62823818> ,PSAL,1,1013,1,4,Primary sampling
 KM,2901758,80,07/01/2019 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=62901765> ,PSAL,1,1114,1,4,Primary sampling
 KM,2901758,81,17/01/2019 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=62976452> ,PSAL,1,1088,1,4,Primary sampling
 KM,2901758,82,27/01/2019 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=63044306> ,PSAL,1,1114,1,4,Primary sampling
 KM,2901758,82,27/01/2019 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=63044306> ,TEMP,1138,1755,4,1,Primary sampling
 KM,2901759,52,02/01/2018 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=54575271> ,PSAL,1,1057,1,3,Primary sampling
 KM,2901759,53,12/01/2018 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=54651143> ,PSAL,1,1138,1,3,Primary sampling
 KM,2901759,54,22/01/2018 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=54710504> ,PSAL,1,1063,1,3,Primary sampling
 KM,2901759,55,01/02/2018 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=54774476> ,PSAL,1,1163,1,3,Primary sampling
 KM,2901759,56,11/02/2018 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=54844231> ,PSAL,1,1088,1,3,Primary sampling
 KM,2901759,57,21/02/2018 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=54911326> ,PSAL,1,1013,1,3,Primary sampling
 KM,2901759,58,03/03/2018 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=54974411> ,PSAL,1,1088,1,3,Primary sampling
 KM,2901759,59,13/03/2018 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=55056224> ,PSAL,1,1038,1,3,Primary sampling
 KM,2901759,88,28/12/2018 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=62823819> ,PSAL,1,1138,1,4,Primary sampling
 KM,2901759,89,07/01/2019 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=62901766> ,PSAL,1,988,1,4,Primary sampling
 KM,2901759,90,17/01/2019 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=62976457> ,PSAL,1,1138,1,4,Primary sampling
 KM,2901759,91,27/01/2019 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=63044307> ,PSAL,1,1163,1,4,Primary sampling
 KM,2901759,91,27/01/2019 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=63044307> ,TEMP,1188,1602,4,1,Primary sampling
 KM,2901765,89,09/01/2019 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=62923203> ,PSAL,1,1965,1,3,Primary sampling
 KM,2901765,90,19/01/2019 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=62991372> ,PSAL,1,1961,1,3,Primary sampling

Example of anomalies:

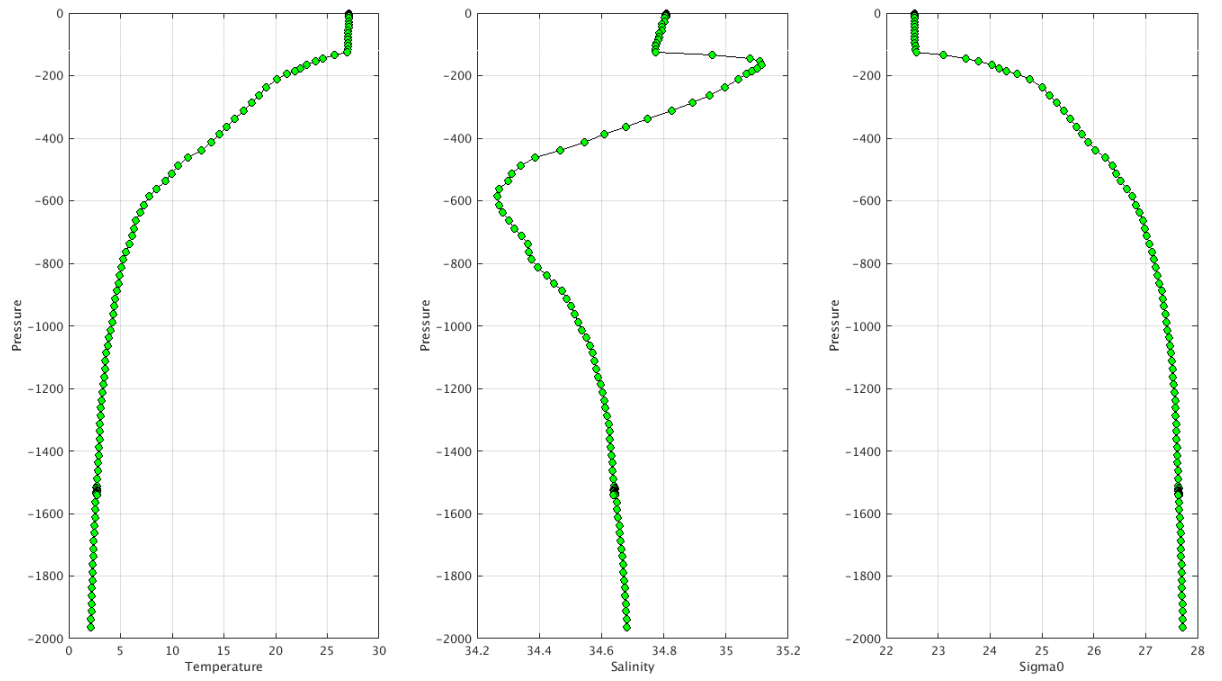
Warning Objective Analysis Anomalies 2019 January TEMP PSAL : DAC KM- Float 2901757 - 130



Warning Objective Analysis Anomalies 2019 January TEMP PSAL : DAC KM- Float 2901759 - 52



Warning Objective Analysis Anomalies 2019 January TEMP PSAL : DAC KM- Float 2901765 - 89



8. DAC KORDI/KIOST

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

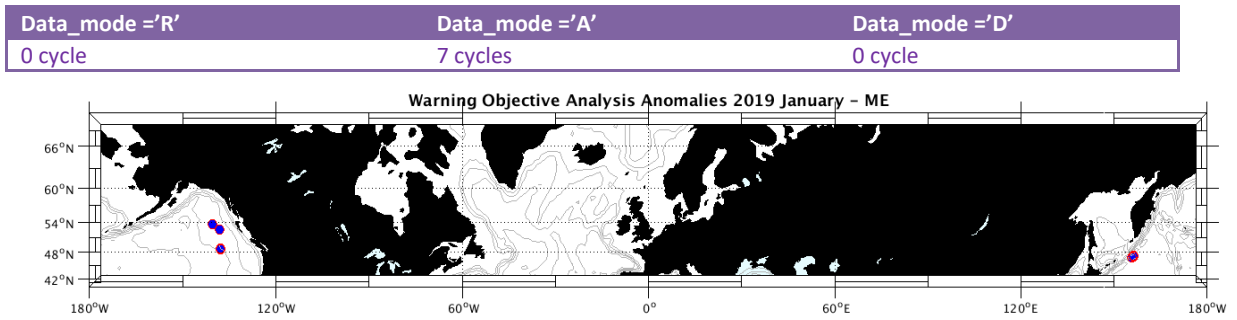
Data_mode ='R'	Data_mode ='A'	Data_mode ='D'
0 cycle	0 cycle	0 cycle

Status of corrections:

Example of anomalies:

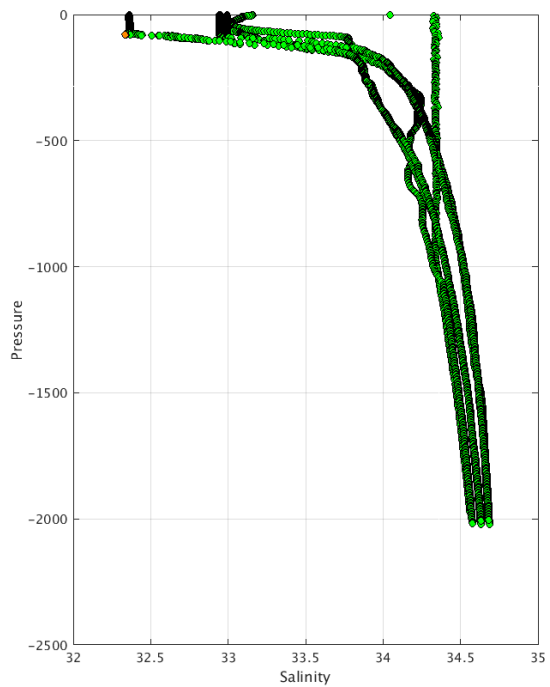
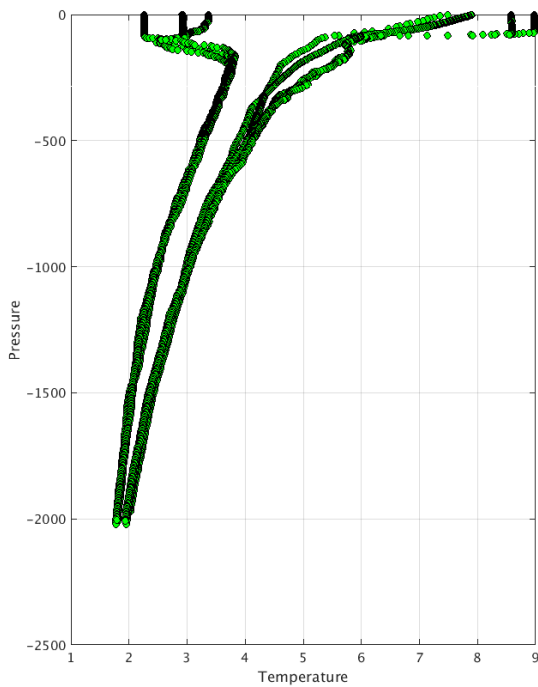
9. DAC MEDS

Profiles detected by the objective analysis: 7 profiles (4 floats – float can have several cycles with anomalies)



Status of corrections: Correction done or in progress, feedback

Float : 4901185 - Cycle : 235 - PI : Blair Greenan - Data mode : A - Platform type : NOVA - WMO inst type : 865 - FLOAT SERIAL : 25 - Date : 2018 12 23
 Float : 4901733 - Cycle : 200 - PI : Blair Greenan - Data mode : A - Platform type : NOVA - WMO inst type : 865 - FLOAT SERIAL : 63 - Date : 2018 12 29
 Float : 4901822 - Cycle : 90 - PI : Blair Greenan - Data mode : A - Platform type : NOVA - WMO inst type : 865 - FLOAT SERIAL : 328 - Date : 2018 12 25
 Float : 4901822 - Cycle : 91 - PI : Blair Greenan - Data mode : A - Platform type : NOVA - WMO inst type : 865 - FLOAT SERIAL : 328 - Date : 2019 1 4
 Float : 4901822 - Cycle : 92 - PI : Blair Greenan - Data mode : A - Platform type : NOVA - WMO inst type : 865 - FLOAT SERIAL : 328 - Date : 2019 1 14
 Float : 4901823 - Cycle : 93 - PI : Blair Greenan - Data mode : A - Platform type : NOVA - WMO inst type : 865 - FLOAT SERIAL : 329 - Date : 2018 12 30
 Float : 4901823 - Cycle : 94 - PI : Blair Greenan - Data mode : A - Platform type : NOVA - WMO inst type : 865 - FLOAT SERIAL : 329 - Date : 2019 1 9



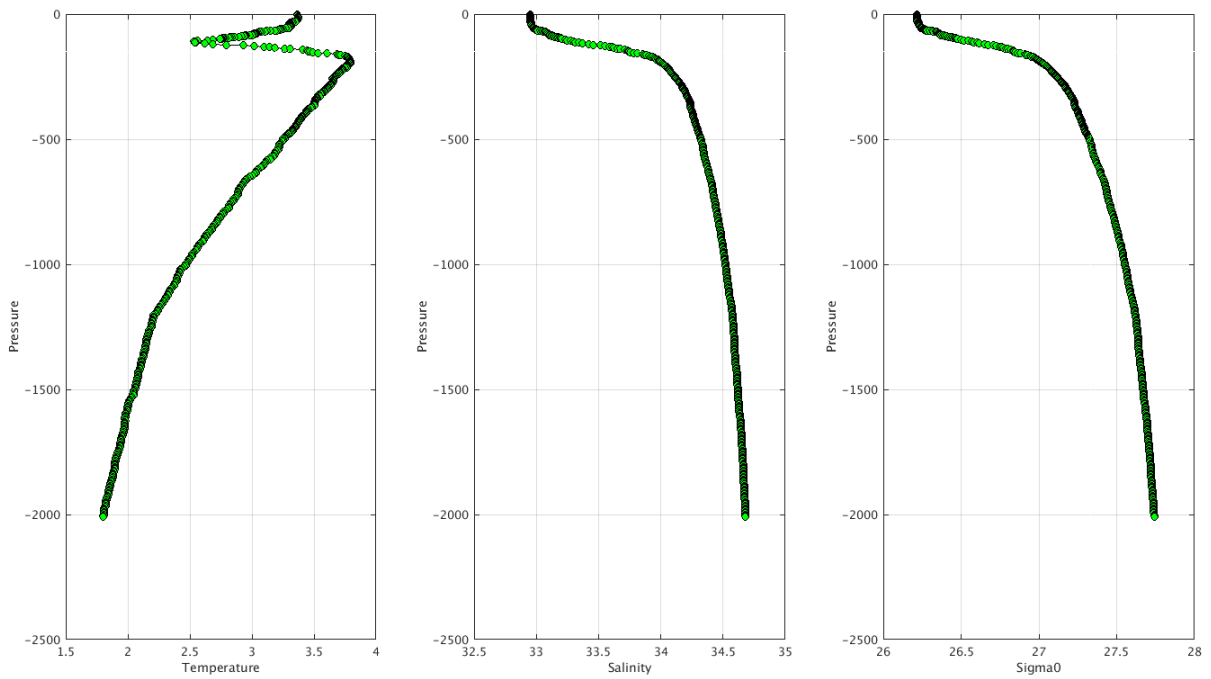
DAC_CODE,PLATFORM_CODE,CV_NUMBER,DATE_UPDATE,DIRECTION,WEB_URL,PARAMETER,START_IMMERSION,STOP_IMMERSION,OLD_QC,NEW_QC,VERTICAL_SAMPLING_SCHEME

ME,4901185,235,23/12/2018 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=62791662> ,POSS,0,0,1,1,Primary sampling
 ME,4901185,235,23/12/2018 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=62791662> ,POSS,0,0,3,1,Primary sampling
 ME,4901185,235,23/12/2018 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=62791662> ,PSAL,0,985.1,1,4,Primary sampling
 ME,4901185,235,23/12/2018 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=62791662> ,PSAL_ADJUSTED,0,985.1,1,4,Primary sampling
 ME,4901733,200,29/12/2018 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=62827460> ,PSAL,2.2,1080.2,1,4,Primary sampling
 ME,4901733,200,29/12/2018 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=62827460> ,PSAL_ADJUSTED,2.2,1080.2,1,4,Primary sampling
 ME,4901822,90,25/12/2018 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=62814975> ,PSAL,2,2009.9,1,3,Primary sampling
 ME,4901822,90,25/12/2018 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=62814975> ,PSAL_ADJUSTED,2,2009.9,1,3,Primary sampling
 ME,4901822,91,04/01/2019 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=62885206> ,PSAL,2,2020,1,3,Primary sampling
 ME,4901822,91,04/01/2019 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=62885206> ,PSAL_ADJUSTED,2,2020,1,3,Primary sampling
 ME,4901822,92,14/01/2019 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=62954672> ,PSAL,2,2005.4,1,3,Primary sampling
 ME,4901822,92,14/01/2019 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=62954672> ,PSAL_ADJUSTED,2,2005.4,1,3,Primary sampling
 ME,4901823,93,30/12/2018 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=62844764> ,PSAL,2,2020.3,1,3,Primary sampling

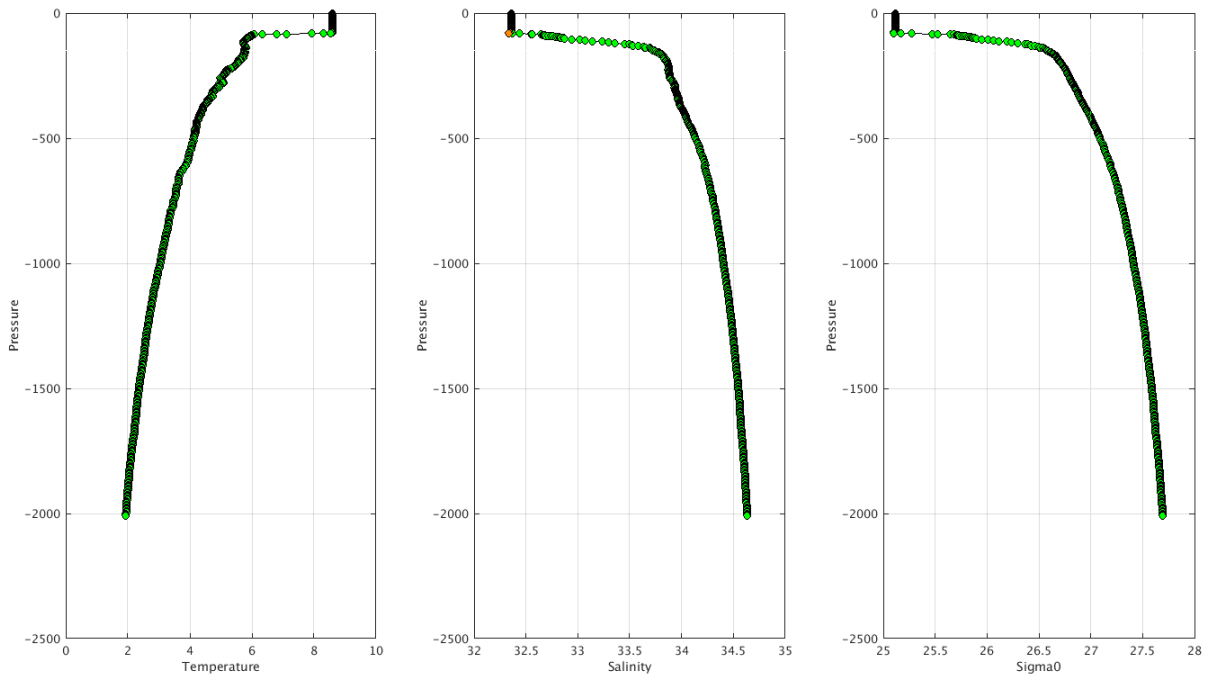
ME,4901823,93,30/12/2018 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=62844764> ,PSAL_ADJUSTED,2,2020.3,1,3,Primary sampling
ME,4901823,94,09/01/2019 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=62924184> ,PSAL,2.1,2009,1,3,Primary sampling
ME,4901823,94,09/01/2019 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=62924184> ,PSAL_ADJUSTED,2.1,2009,1,3,Primary sampling

Example of anomalies:

Warning Objective Analysis Anomalies 2019 January TEMP PSAL : DAC ME- Float 4901822 - 90



Warning Objective Analysis Anomalies 2019 January TEMP PSAL : DAC ME- Float 4901823 - 94



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 : 7027

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 -

5905779 - Existing nc files
File : 5905779_meta.nc - 5905779_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 : 686

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

1901844 - Existing nc files

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

1901845 - Existing nc files

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

1901846 - Existing nc files

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

1901847 - Existing nc files

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

1901848 - Existing nc files

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

1901849 - Existing nc files

File : 1901849_meta.nc - 1901849_prof.nc - 1901849_tech.nc -

1901850 - Existing nc files

File : 1901850_meta.nc - 1901850_prof.nc - 1901850_tech.nc -

1901851 - Existing nc files

File : 1901851_meta.nc - 1901851_prof.nc - 1901851_tech.nc -

1901852 - Existing nc files

File : 1901852_meta.nc - 1901852_prof.nc - 1901852_tech.nc -

1901853 - Existing nc files

File : 1901853_meta.nc - 1901853_prof.nc - 1901853_tech.nc -

1901854 - Existing nc files

File : 1901854_meta.nc - 1901854_prof.nc - 1901854_tech.nc -

1901855 - Existing nc files

File : 1901855_meta.nc - 1901855_prof.nc - 1901855_tech.nc -

1901856 - Existing nc files

File : 1901856_meta.nc - 1901856_prof.nc - 1901856_tech.nc -

1901857 - Existing nc files

File : 1901857_meta.nc - 1901857_prof.nc - 1901857_tech.nc -

1901858 - Existing nc files

File : 1901858_meta.nc - 1901858_prof.nc - 1901858_tech.nc -

1901859 - Existing nc files

File : 1901859_meta.nc - 1901859_prof.nc - 1901859_tech.nc -

1901860 - Existing nc files

File : 1901860_meta.nc - 1901860_prof.nc - 1901860_tech.nc -

1901861 - Existing nc files

File : 1901861_meta.nc - 1901861_prof.nc - 1901861_tech.nc -

1901862 - Existing nc files

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

1901863 - Existing nc files

File : 1901863_meta.nc - 1901863_prof.nc - 1901863_tech.nc -

1901864 - Existing nc files

File : 1901864_meta.nc - 1901864_prof.nc - 1901864_tech.nc -

1901865 - Existing nc files

File : 1901865_meta.nc - 1901865_prof.nc - 1901865_tech.nc -

1901866 - Existing nc files

File : 1901866_meta.nc - 1901866_prof.nc - 1901866_tech.nc -

1901867 - Existing nc files

File : 1901867_meta.nc - 1901867_prof.nc - 1901867_tech.nc -

1901868 - Existing nc files

File : 1901868_meta.nc - 1901868_prof.nc - 1901868_tech.nc -

1901869 - Existing nc files

File : 1901869_meta.nc - 1901869_prof.nc - 1901869_tech.nc -

1901870 - Existing nc files

File : 1901870_meta.nc - 1901870_prof.nc - 1901870_tech.nc -

1901871 - Existing nc files

File : 1901871_meta.nc - 1901871_prof.nc - 1901871_tech.nc -

1901872 - Existing nc files

File : 1901872_meta.nc - 1901872_prof.nc - 1901872_tech.nc -

1901881 - Existing nc files

File : 1901881_meta.nc - 1901881_prof.nc - 1901881_tech.nc -

1901882 - Existing nc files

File : 1901882_meta.nc - 1901882_prof.nc - 1901882_tech.nc -

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

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

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

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

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

1901888 - Existing nc files
File : 1901888_meta.nc - 1901888_prof.nc - 1901888_tech.nc -

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

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

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

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

1901903 - Existing nc files
File : 1901903_meta.nc - 1901903_prof.nc - 1901903_tech.nc -

1901904 - Existing nc files
File : 1901904_meta.nc - 1901904_prof.nc - 1901904_tech.nc -

1901906 - Existing nc files
File : 1901906_meta.nc - 1901906_prof.nc - 1901906_tech.nc -

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

1901909 - Existing nc files
File : 1901909_meta.nc - 1901909_prof.nc - 1901909_tech.nc -

1901910 - Existing nc files
File : 1901910_meta.nc - 1901910_prof.nc - 1901910_tech.nc -

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

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

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

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

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

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

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

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

3900560 - Existing nc files
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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
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3901504 - Existing nc files
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3901505 - Existing nc files
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3901506 - Existing nc files
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3901507 - Existing nc files
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3901508 - Existing nc files
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3901509 - Existing nc files
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3901510 - Existing nc files
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3901511 - Existing nc files
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3901512 - Existing nc files
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3901513 - Existing nc files
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3901514 - Existing nc files
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3901515 - Existing nc files
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3901516 - Existing nc files
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3901517 - Existing nc files
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3901519 - Existing nc files
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3901520 - Existing nc files
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3901521 - Existing nc files
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3901522 - Existing nc files
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3901523 - Existing nc files
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3901524 - Existing nc files
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3901525 - Existing nc files
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3901526 - Existing nc files
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3901527 - Existing nc files
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3901528 - Existing nc files
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3901529 - Existing nc files
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3901532 - Existing nc files
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3901533 - Existing nc files
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3901534 - Existing nc files
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3901535 - Existing nc files
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3901536 - Existing nc files
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3901537 - Existing nc files
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3901538 - Existing nc files
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3901539 - Existing nc files
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3901548 - Existing nc files
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3901549 - Existing nc files
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3901550 - Existing nc files
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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
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6901162 - Existing nc files
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6901163 - Existing nc files
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6901164 - Existing nc files
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6901165 - Existing nc files
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6901166 - Existing nc files
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6901168 - Existing nc files
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6901169 - Existing nc files
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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
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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 -

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

6901927 - Existing nc files

6901928 - Existing nc files
File : 6901928_meta.nc - 6901928_prof.nc - 6901928_tech.nc

11.3. CORIOLIS

GDAC (missing nc files)

For some floats :

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

See below the list of floats with existing nc files :

DAC name : Coriolis – Number of floats : 2792

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

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

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

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

3900794 - Existing nc files
File : 3900794_Rtraj.nc - 3900794_meta.nc -

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

3901678 - Existing nc files
File : 3901678_Rtraj.nc - 3901678_meta.nc -

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

5902309 - Existing nc files
File : 5902309_Rtraj.nc - 5902309_meta.nc -

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

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

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

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

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

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

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

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

6902583 - Existing nc files
File : 6902583_Rtraj.nc - 6902583_meta.nc -

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

6902685 - Existing nc files
File : 6902685_Rtraj.nc - 6902685_meta.nc - 6902685_tech.nc -

6901057 - Existing nc files
File : 6901057_meta.nc - 6901057_tech.nc -

6902741 - Existing nc files
File : 6902741_Rtraj.nc - 6902741_meta.nc - 6902741_tech.nc -

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

6903181 - Existing nc files
File : 6903181_Rtraj.nc - 6903181_meta.nc -

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

6903185 - Existing nc files
File : 6903185_Rtraj.nc - 6903185_meta.nc -

6901469 - Existing nc files
File : 6901469_Rtraj.nc - 6901469_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 : 853

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
File : 5905421_meta.nc - 5905421_prof.nc - 5905421_tech.nc -

5905430 - Existing nc files
File : 5905430_meta.nc - 5905430_prof.nc - 5905430_tech.nc -

5905431 - Existing nc files
File : 5905431_meta.nc - 5905431_prof.nc - 5905431_tech.nc

11.6. INCOIS

For some floats :

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

See below the list of floats with existing nc files :

DAC name : incois – Number of floats : 455

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

2902265 - Existing nc files
File : 2902265_meta.nc - 2902265_prof.nc - 2902265_tech.nc -

2902266 - Existing nc files
File : 2902266_meta.nc - 2902266_prof.nc - 2902266_tech.nc -

2902267 - Existing nc files
File : 2902267_meta.nc - 2902267_prof.nc - 2902267_tech.nc -

2902268 - Existing nc files
File : 2902268_meta.nc - 2902268_prof.nc - 2902268_tech.nc -

2902269 - Existing nc files
File : 2902269_meta.nc - 2902269_prof.nc - 2902269_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 : 1623

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

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

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

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

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

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

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

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

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

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

2902971 - Existing nc files

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

2902977 - Existing nc files

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

2902978 - Existing nc files

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

2903005 - Existing nc files

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

2903006 - Existing nc files

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

2903007 - Existing nc files

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

2903008 - Existing nc files

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

2903009 - Existing nc files

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

2903010 - Existing nc files

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

2903011 - Existing nc files

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

2903012 - Existing nc files

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

2903013 - Existing nc files

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

2903014 - Existing nc files

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

2903165 - Existing nc files

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

2903166 - Existing nc files

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

2903167 - Existing nc files

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

2903168 - Existing nc files

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

2903169 - Existing nc files

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

2903170 - Existing nc files

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

2903171 - Existing nc files

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

2903172 - Existing nc files

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

2903173 - Existing nc files

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

2903174 - Existing nc files

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

2903175 - Existing nc files

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

2903176 - Existing nc files

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

2903210 - Existing nc files

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

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 -

5905223 - Existing nc files

File : 5905223_Mprof.nc - 5905223_meta.nc - 5905223_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 monoprofile, 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

DATA_MODE = "R" => DATA_MODE = "D" ;

Name of the files R2901632_<cycle_number>.nc - => D2901632_<cycle_number>.nc -

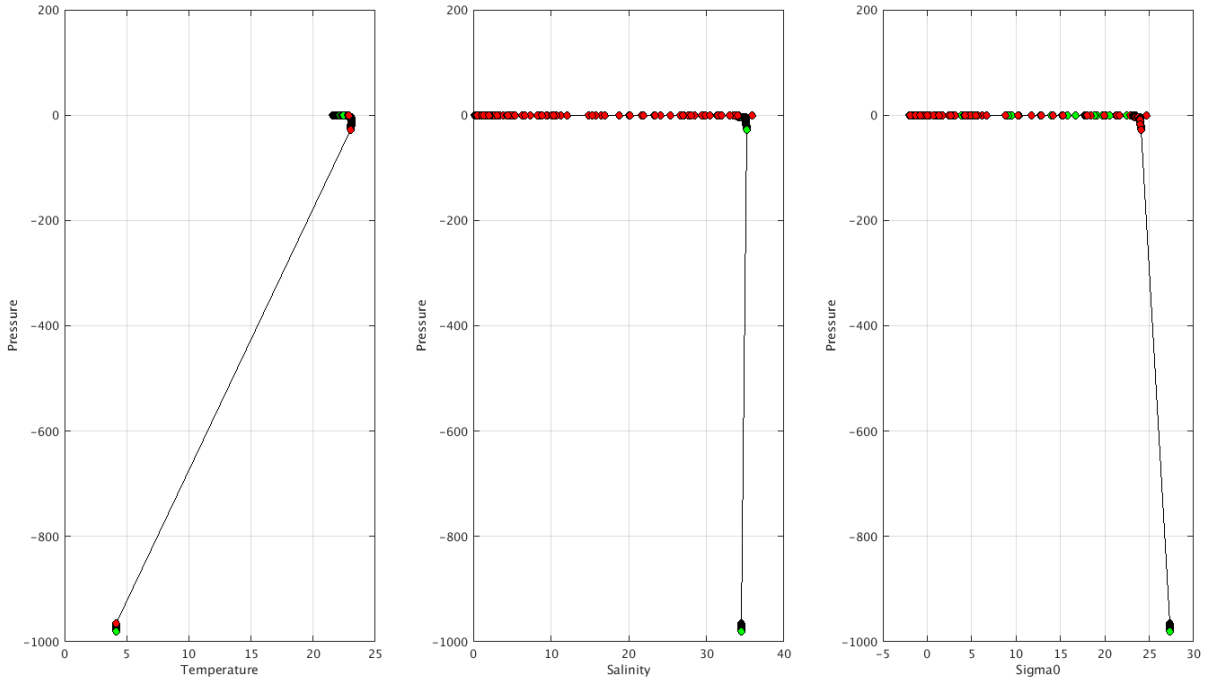
<<< NMDIS is working in priority on the format of the version 3.1 >>>

13. Automatic Tests (December 2017)

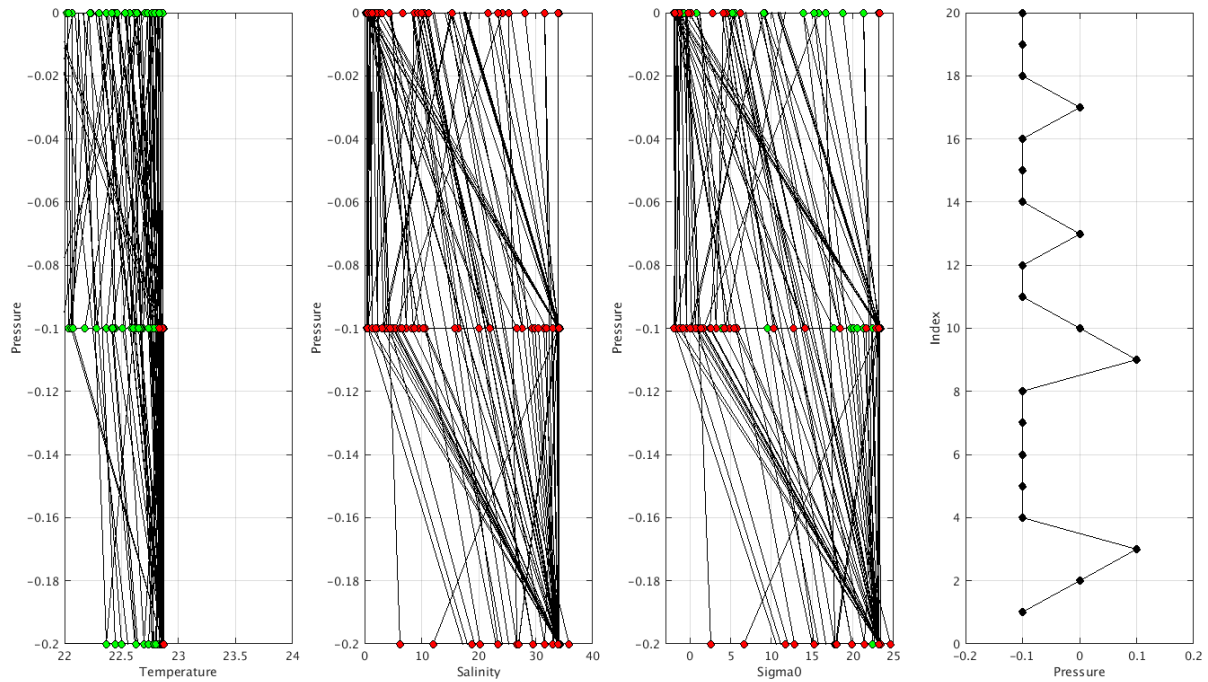
1. Near-surface sampling scheme

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).

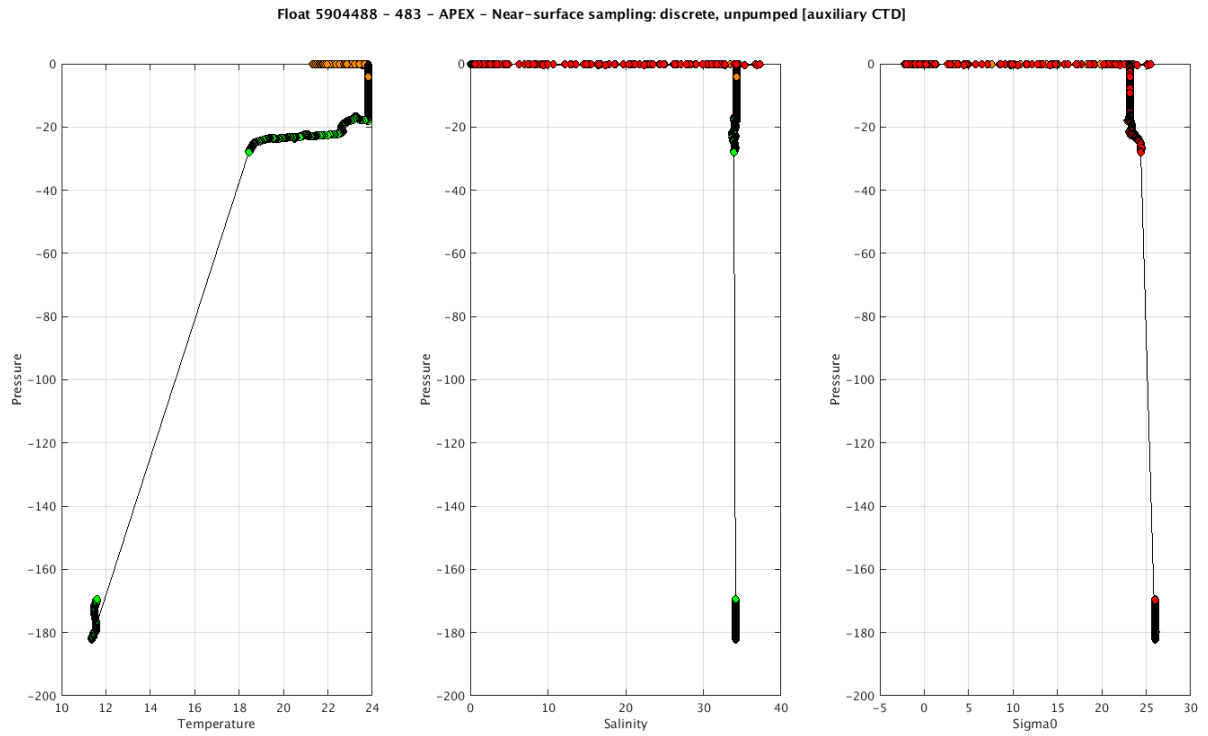
Float 5904656 - 156 - APEX - n/a



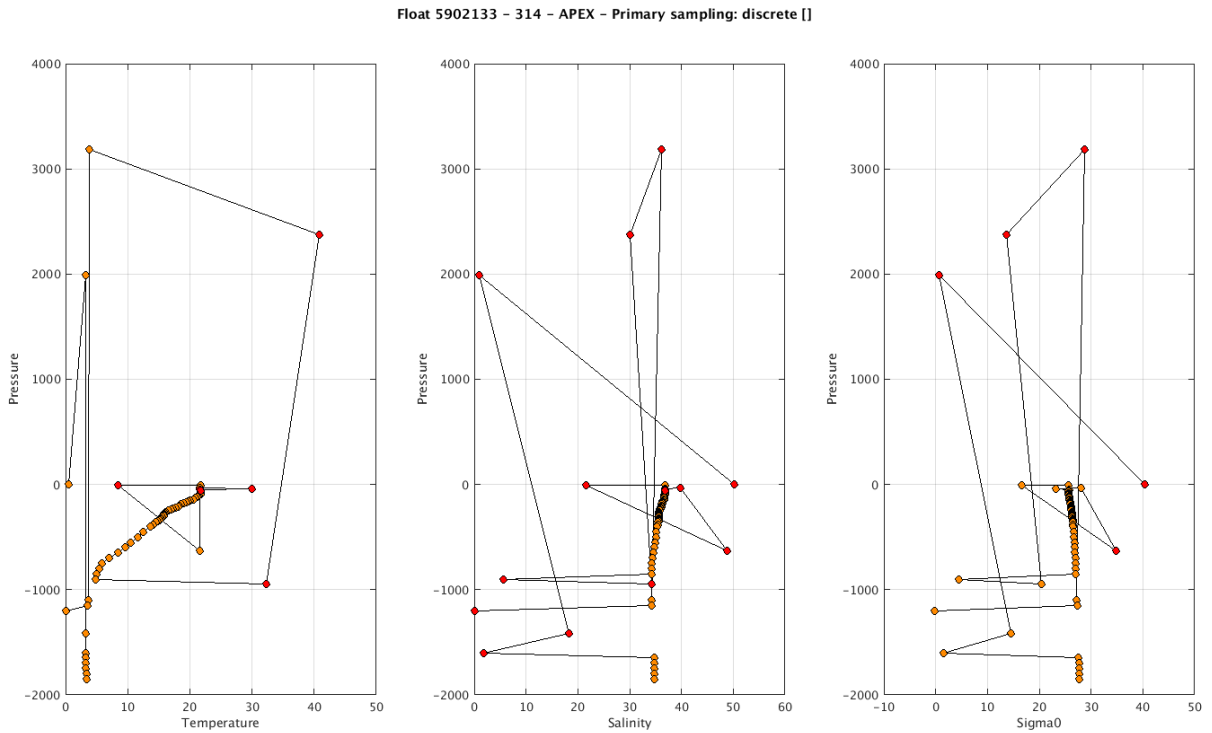
Float 5904656 - 156 - APEX - n/a



2. Strange profiles going through all the automatic tests :



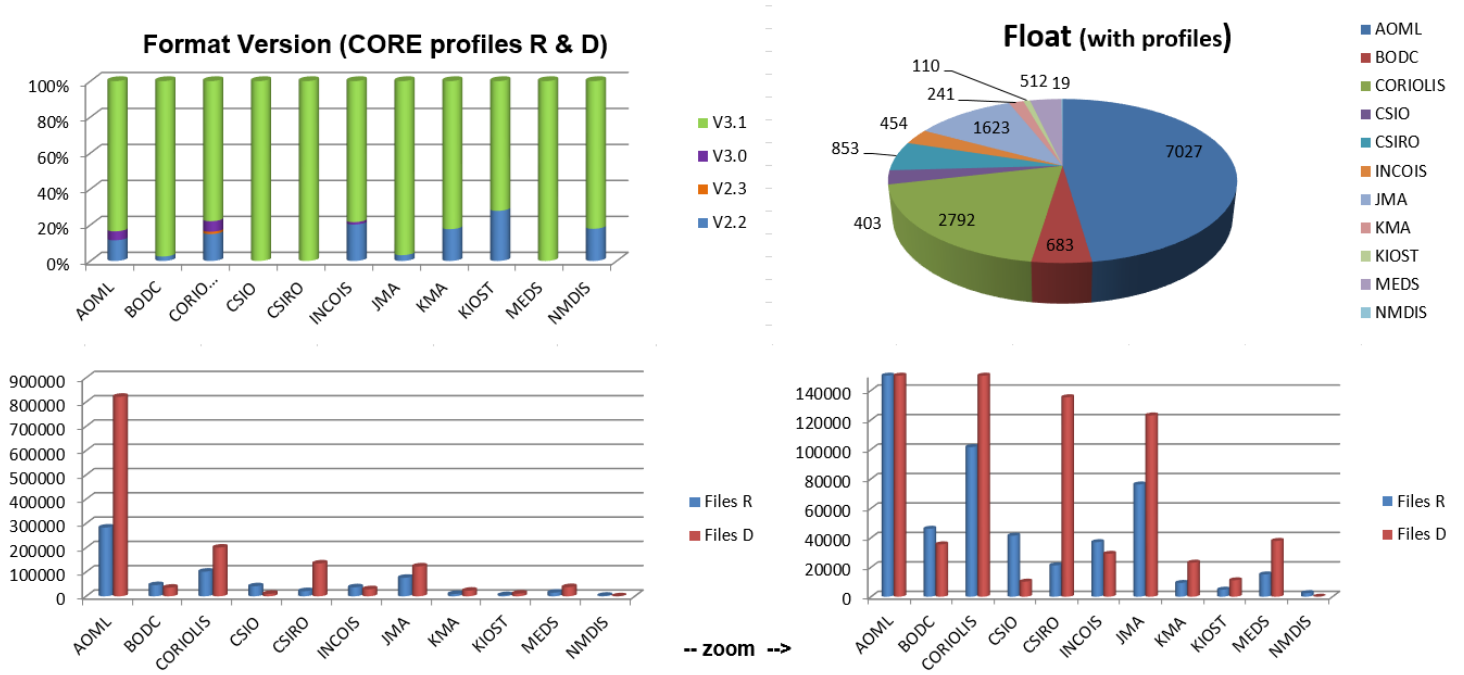
Profiles with strange groups of measurements like a strong decoding (maybe some measurements should be in trajectory and not in the vertical profile).



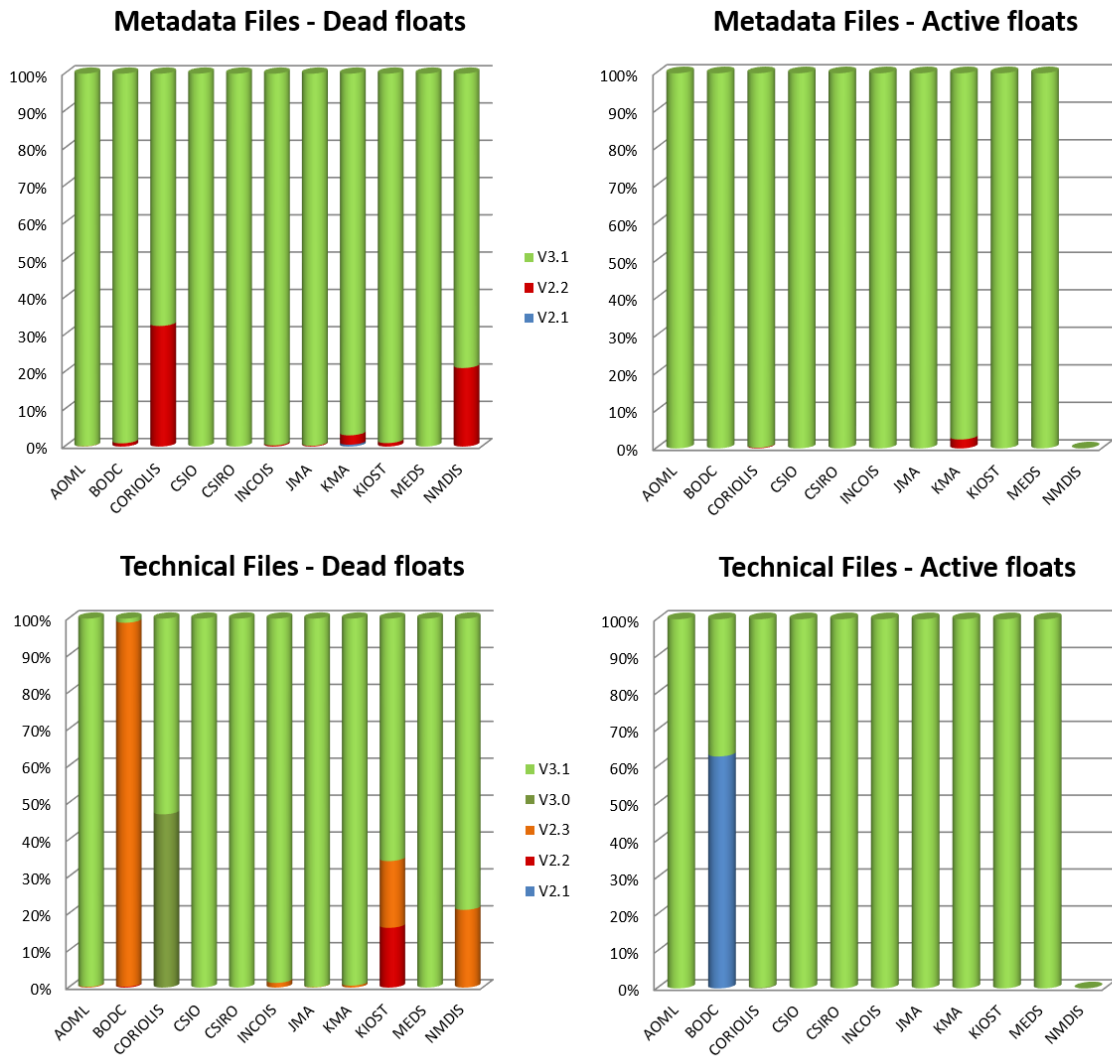
Problems of decoding

14. Statistics on floats and format version (End of January 2019)

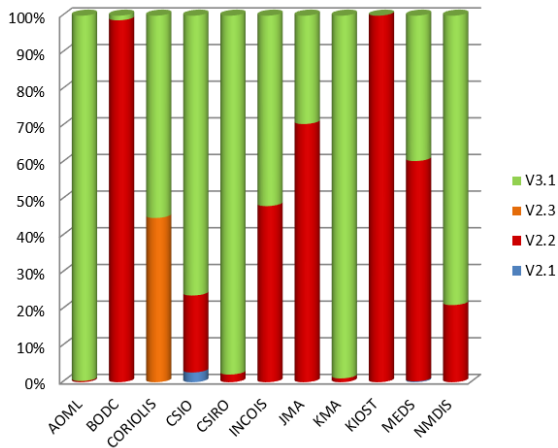
Plots showing format_version percentage, number of floats (with profiles), number of D and R files by DACs.



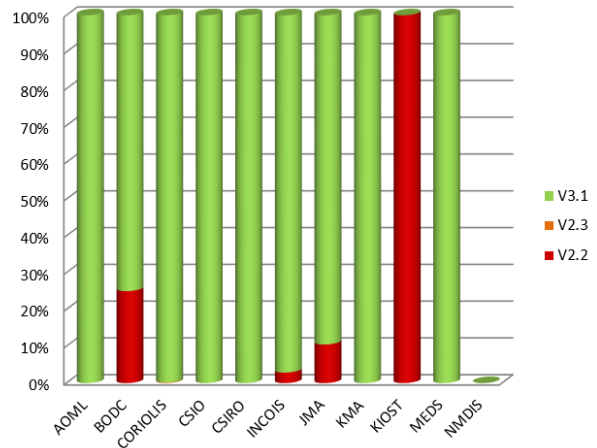
Plots showing format_version percentage, for metadata-technical-trajectory and core profiles following dead or active floats.



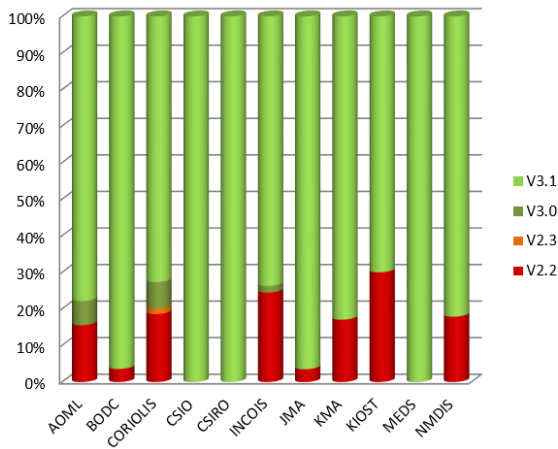
Trajectory Files - Dead floats



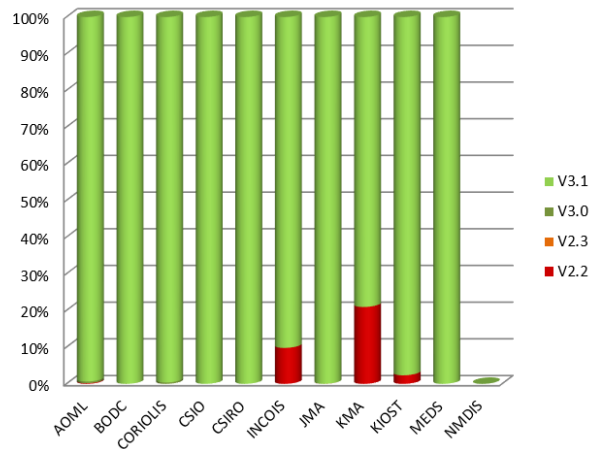
Trajectory Files - Active floats



Profile files - Dead floats

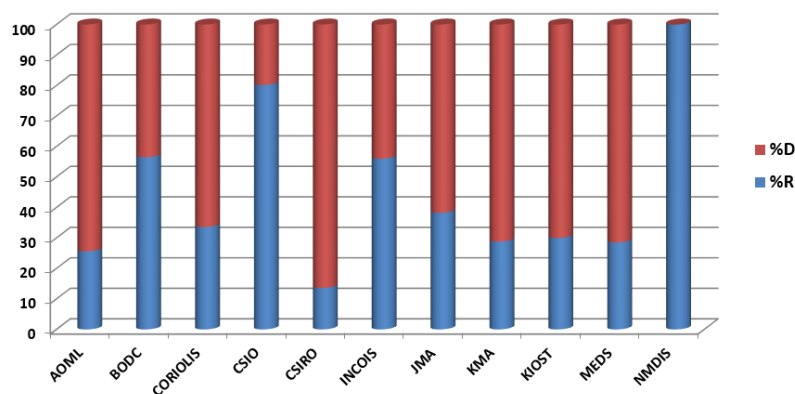


Profile Files - Active floats



Delayed mode percentage by DAC

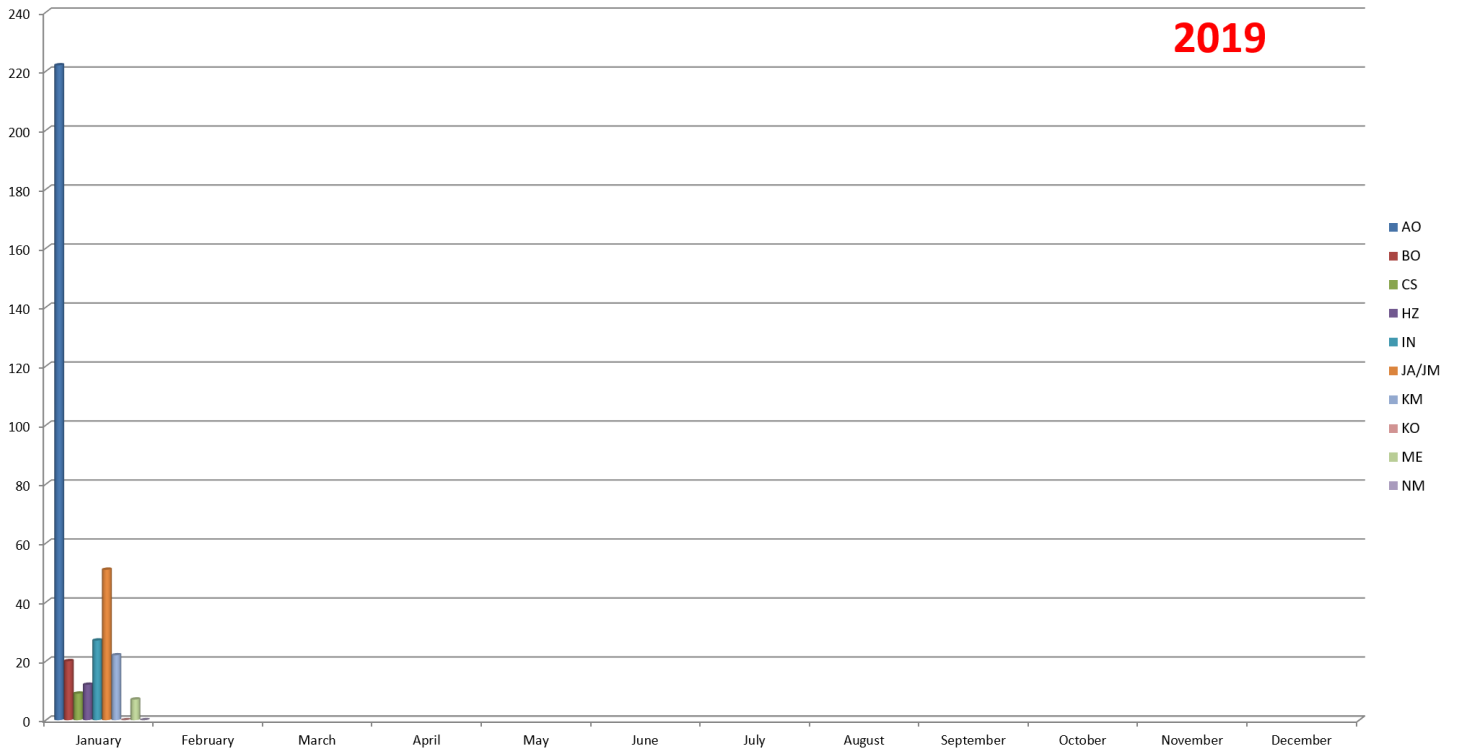
Percentage of DM and RT files by DAC



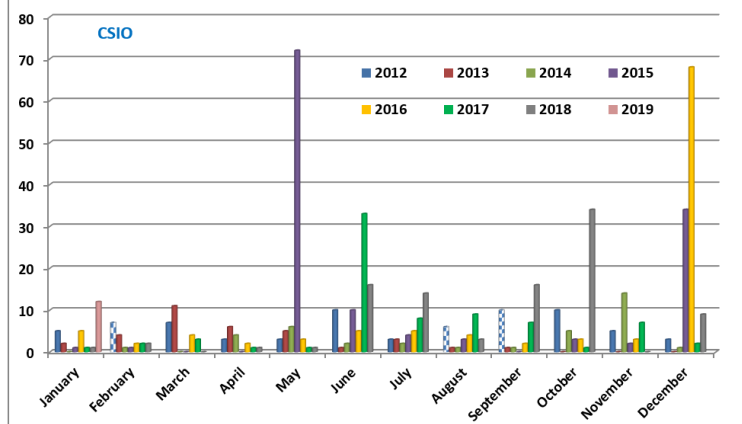
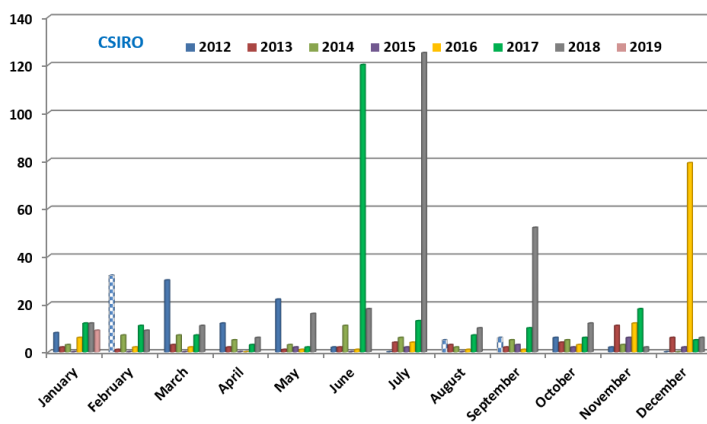
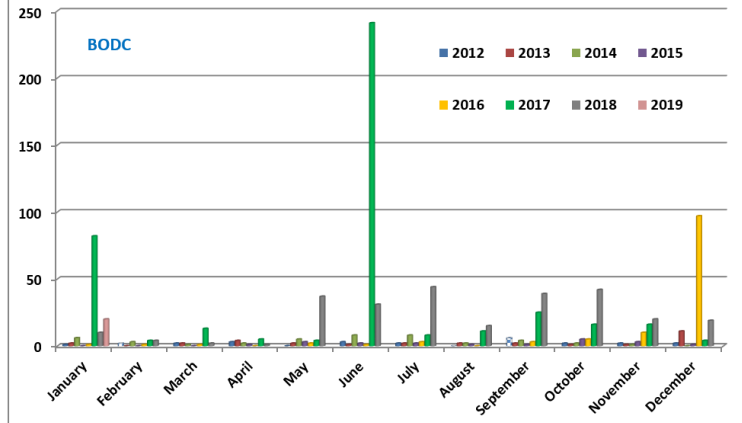
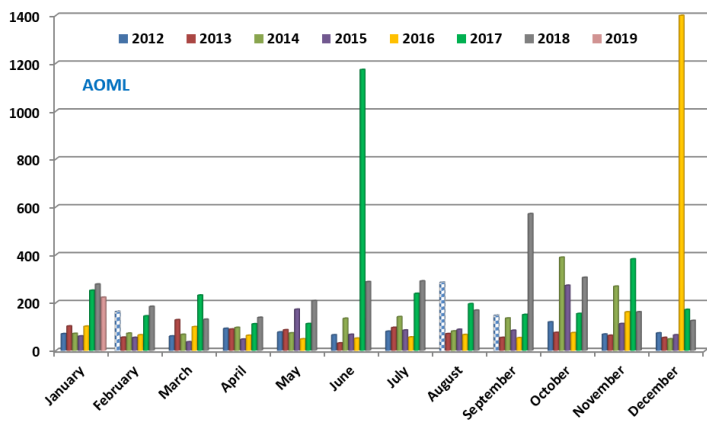
15. Statistics on anomalies

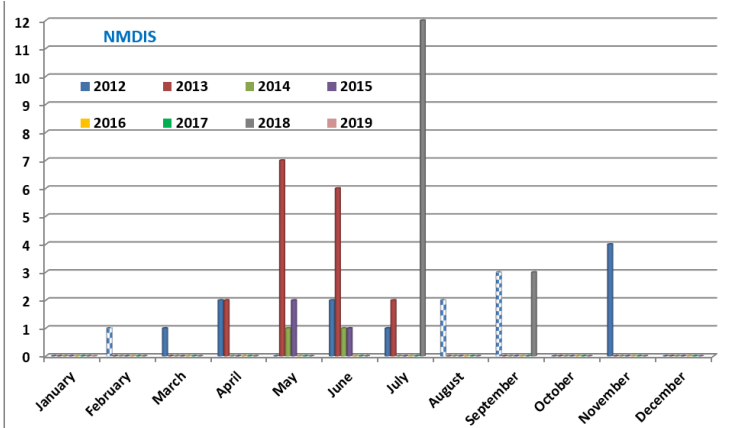
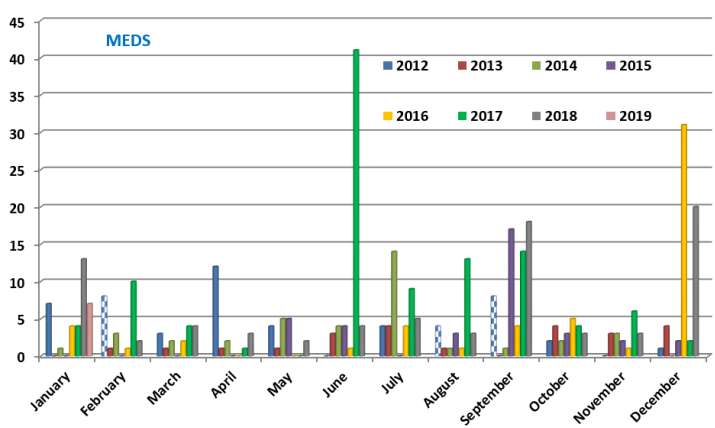
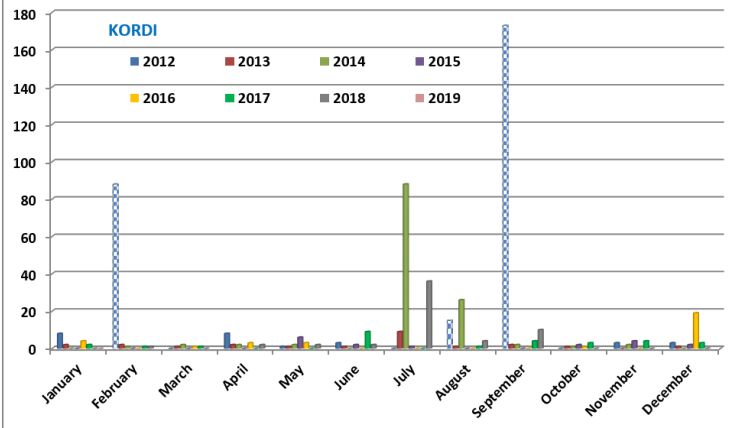
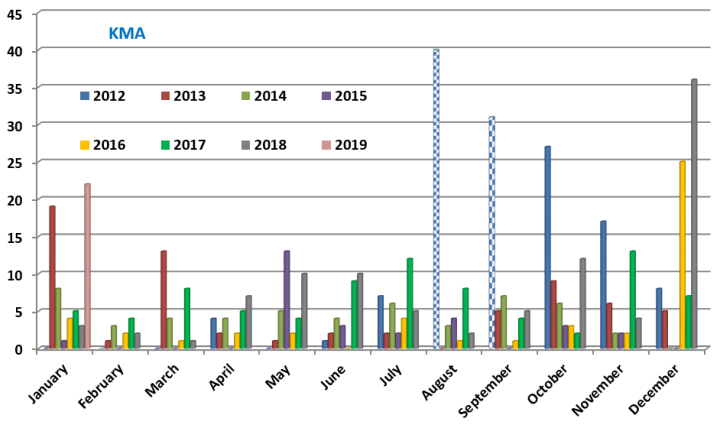
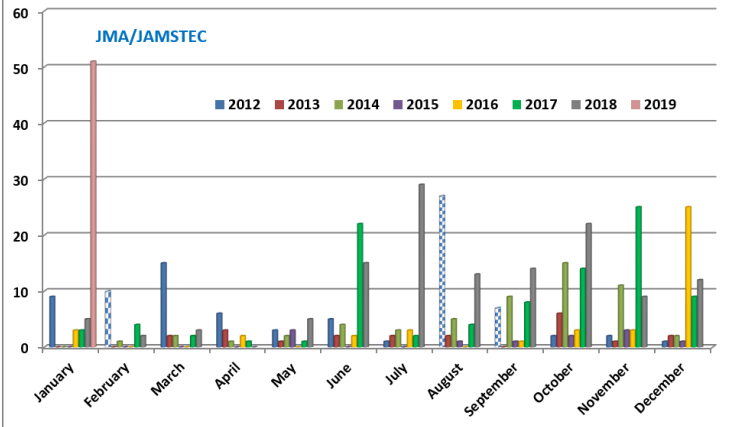
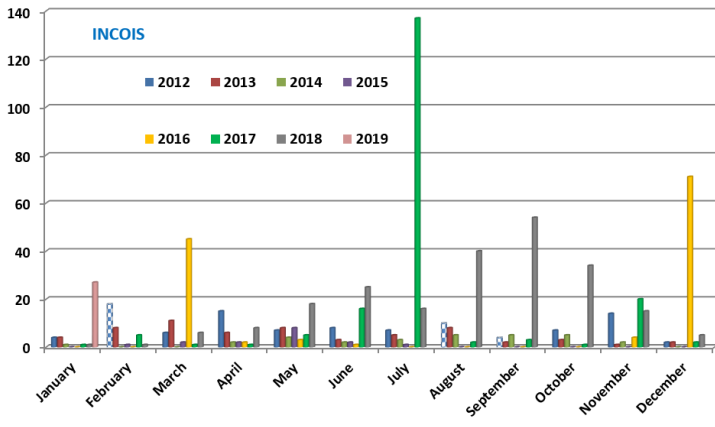
Plots showing evolution of number of anomalies by DAC.

15.1. Year



15.2. DAC





15.3. Anomalies by year, by month

