



Anomalies on Argo profiles

From warning objective analysis, netcdf file analysis

Format version

April 2018

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NOTES

NOVEMBER 2017

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

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

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

DECEMBER 2017

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

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

January 2018

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

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

The problem has been resolved rapidly.

Anomalies by DAC

Summary

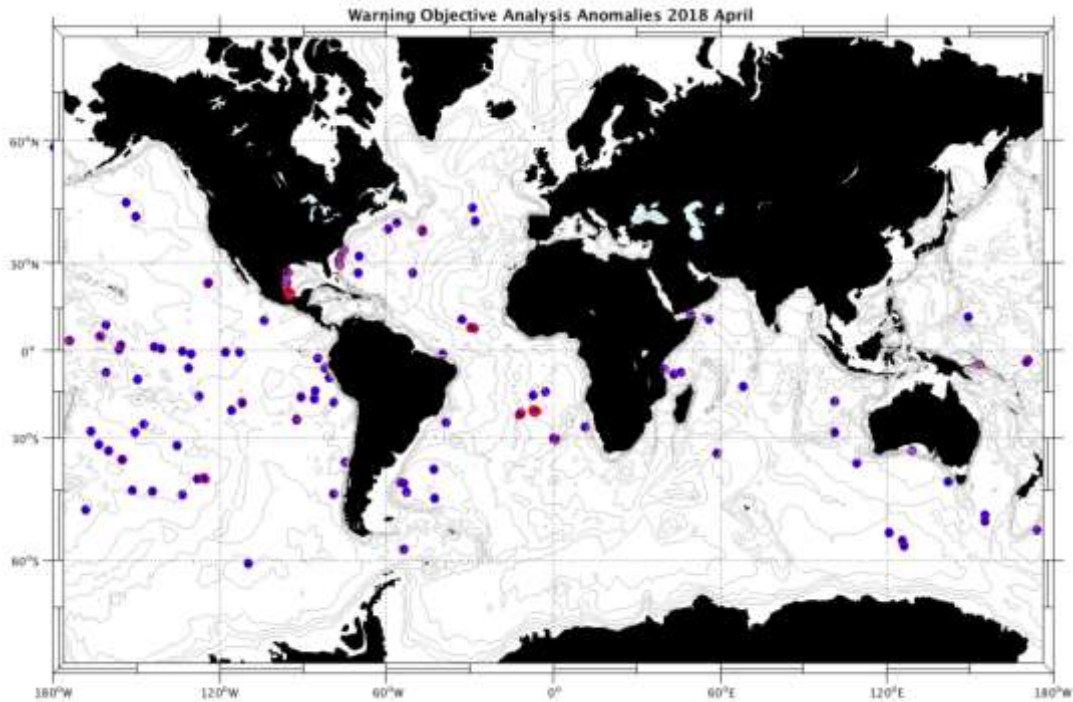
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1. DAC AOML

Profiles detected by the objective analysis: 138 profiles (93 floats, but floats can have several cycles with anomalies)

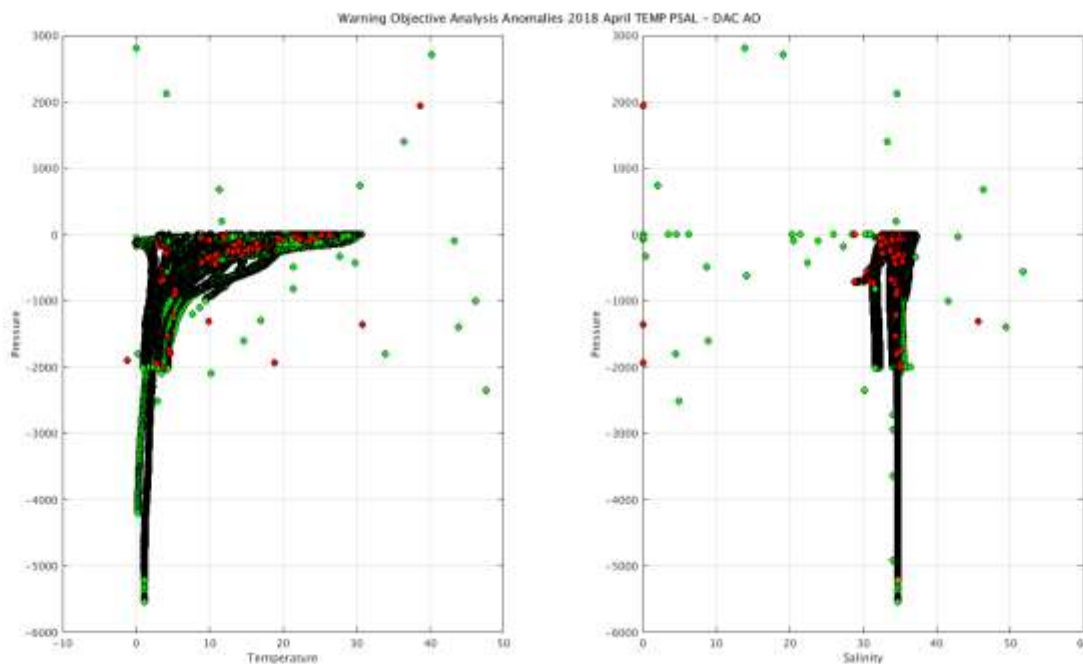
Data_mode ='R'	Data_mode ='A'	Data_mode ='D'
89 cycles	49 cycles	0 cycle



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

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

- Float : 1901511 - Cycle : 254 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 4366 - Date : 2018 4 3
- Float : 1901511 - Cycle : 255 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 4366 - Date : 2018 4 13
- Float : 1901511 - Cycle : 256 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 4366 - Date : 2018 4 24
- Float : 1901602 - Cycle : 201 - PI : BRECK OWENS - Data mode : R - Platform type : S2A - WMO inst type : 854 - FLOAT SERIAL : 7053 - Date : 2018 4 20
- Float : 1901830 - Cycle : 51 - PI : BRECK OWENS, STEVEN JAYNE, P.E. ROBBINS - Data mode : R - Platform type : S2A - WMO inst type : 854 - FLOAT SERIAL : 7391 - Date : 2018 4 3
- Float : 1901830 - Cycle : 52 - PI : BRECK OWENS, STEVEN JAYNE, P.E. ROBBINS - Data mode : R - Platform type : S2A - WMO inst type : 854 - FLOAT SERIAL : 7391 - Date : 2018 4 13
- Float : 1902034 - Cycle : 51 - PI : DEAN ROEMMICH - Data mode : R - Platform type : SOLO_II - WMO inst type : 853 - FLOAT SERIAL : 8502 - Date : 2018 3 21
- Float : 1902069 - Cycle : 50 - PI : BRECK OWENS, STEVEN JAYNE, P.E. ROBBINS - Data mode : R - Platform type : S2A - WMO inst type : 854 - FLOAT SERIAL : 7407 - Date : 2018 3 24
- Float : 1902181 - Cycle : 16 - PI : BRECK OWENS, STEVEN JAYNE, P.E. ROBBINS - Data mode : R - Platform type : S2A - WMO inst type : 854 - FLOAT SERIAL : 7449 - Date : 2018 3 20
- Float : 1902181 - Cycle : 17 - PI : BRECK OWENS, STEVEN JAYNE, P.E. ROBBINS - Data mode : R - Platform type : S2A - WMO inst type : 854 - FLOAT SERIAL : 7449 - Date : 2018 3 30
- Float : 1902181 - Cycle : 18 - PI : BRECK OWENS, STEVEN JAYNE, P.E. ROBBINS - Data mode : R - Platform type : S2A - WMO inst type : 854 - FLOAT SERIAL : 7449 - Date : 2018 4 9
- Float : 1902181 - Cycle : 19 - PI : BRECK OWENS, STEVEN JAYNE, P.E. ROBBINS - Data mode : R - Platform type : S2A - WMO inst type : 854 - FLOAT SERIAL : 7449 - Date : 2018 4 19
- Float : 1902206 - Cycle : 2 - PI : BRECK OWENS, STEVEN JAYNE, P.E. ROBBINS - Data mode : R - Platform type : S2A - WMO inst type : 854 - FLOAT SERIAL : 7472 - Date : 2018 4 4
- Float : 1902206 - Cycle : 3 - PI : BRECK OWENS, STEVEN JAYNE, P.E. ROBBINS - Data mode : R - Platform type : S2A - WMO inst type : 854 - FLOAT SERIAL : 7472 - Date : 2018 4 5
- 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 : 2902400 - Cycle : 199 - PI : CARL SZCZECZOWSKI - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7567 - Date : 2018 4 13
- 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 : 3901043 - Cycle : 164 - PI : BRECK OWENS, STEVE JAYNE, P.E. ROBBINS - Data mode : R - Platform type : S2A - WMO inst type : 854 - FLOAT SERIAL : 7191 - Date : 2018 4 24
- Float : 3901059 - Cycle : 118 - PI : BRECK OWENS, STEVEN JAYNE, P.E. ROBBINS - Data mode : R - Platform type : S2A - WMO inst type : 854 - FLOAT SERIAL : 7125 - Date : 2018 3 20
- Float : 3901064 - Cycle : 93 - PI : BRECK OWENS, STEVEN JAYNE, P.E. ROBBINS - Data mode : R - Platform type : S2A - WMO inst type : 854 - FLOAT SERIAL : 7281 - Date : 2018 2 24



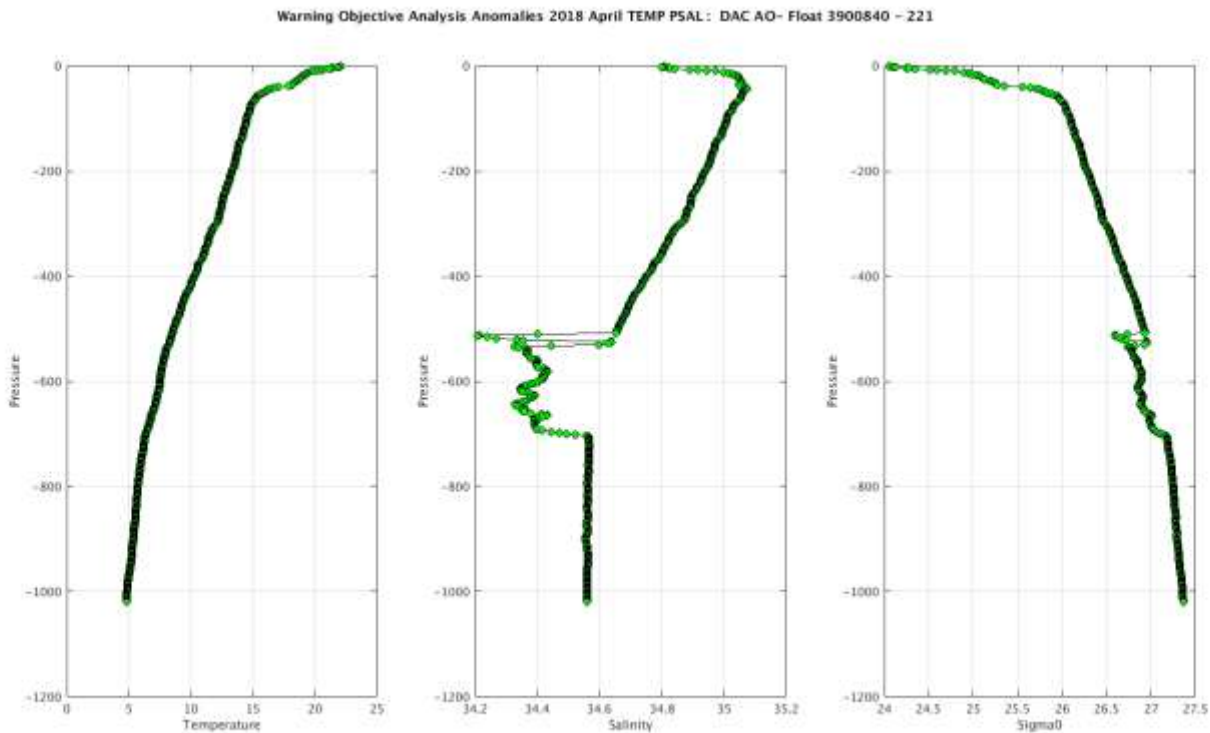
DAC_CODE,PLATFORM_CODE,CV_NUMBER,DATE_UPDATE,DIRECTION,WEB_URL,PARAMETER,START_IMMERSION,STOP_IMMERSION,OLD_QC,NEW_QC,VERTICAL_SAMPLING_SCHEME

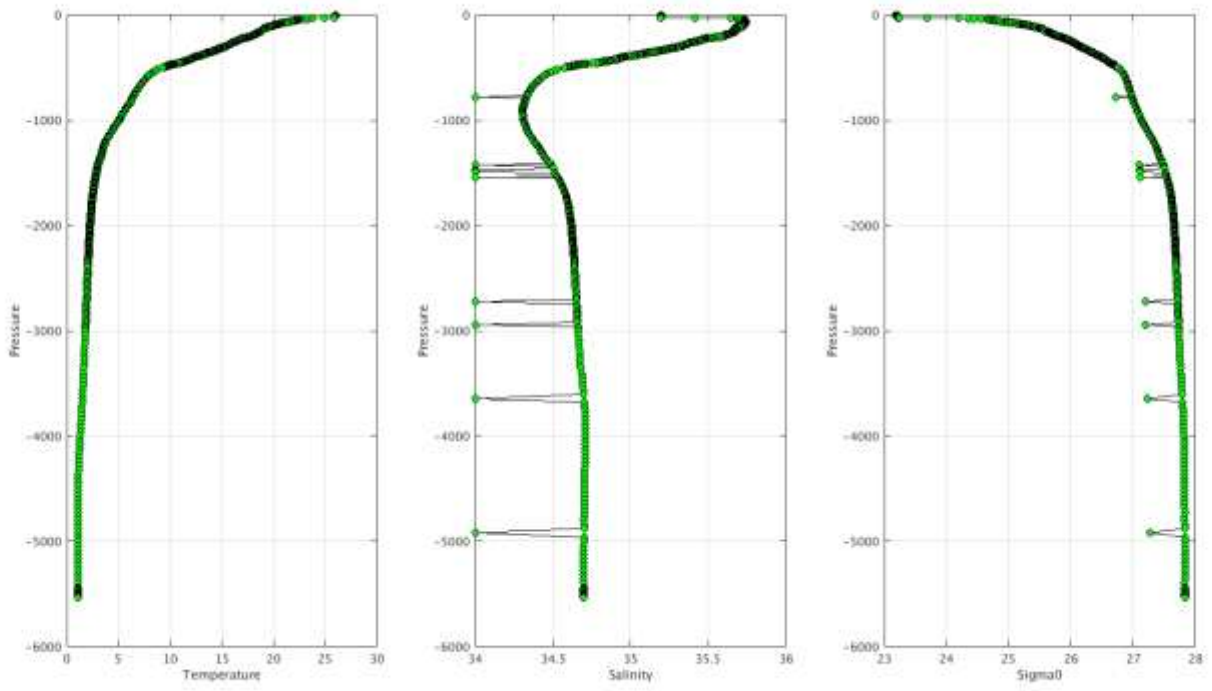
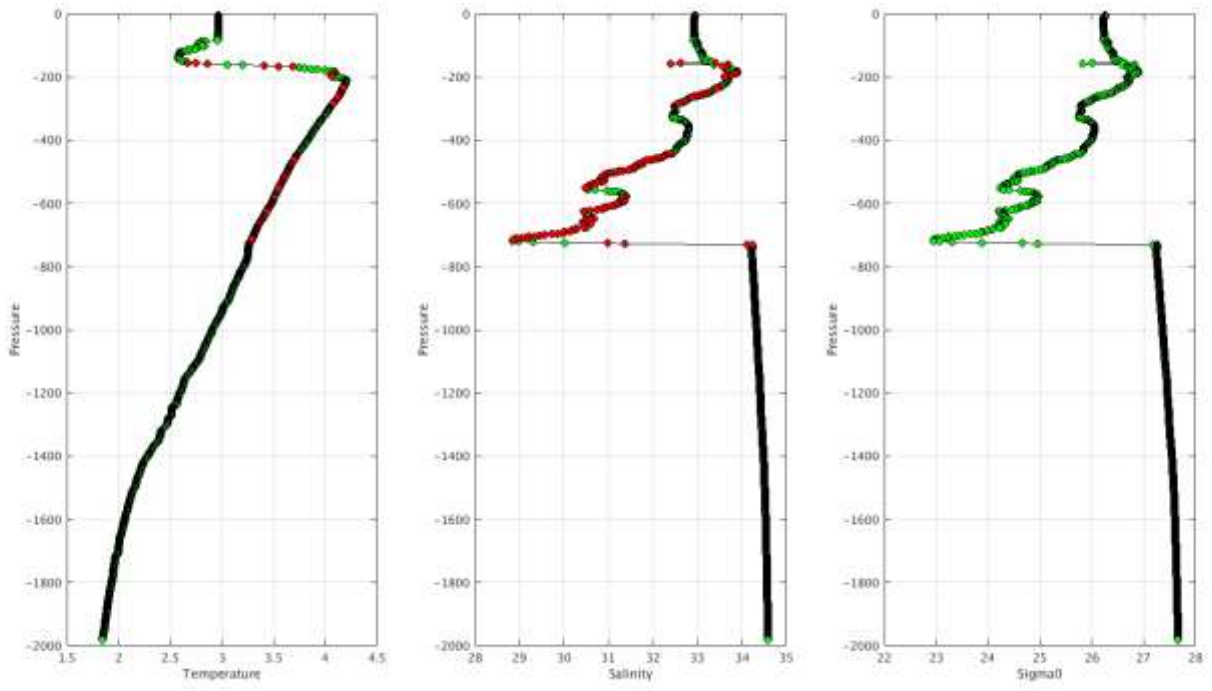
AO,1901511,254,03/04/2018 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=55238552> ,PSAL,-1,-1,1,3,Primary sampling
 AO,1901511,255,14/04/2018 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=55347561> ,PRES_ADJUSTED,-9,-9,1,3,Primary sampling
 AO,1901511,255,14/04/2018 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=55347561> ,PSAL,-9,-9,1,3,Primary sampling
 AO,1901511,255,14/04/2018 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=55347561> ,PSAL_ADJUSTED,-9,-9,1,3,Primary sampling
 AO,1901511,255,14/04/2018 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=55347561> ,TEMP,-9,-9,1,3,Primary sampling
 AO,1901511,255,14/04/2018 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=55347561> ,TEMP_ADJUSTED,-9,-9,1,3,Primary sampling
 AO,1901511,256,25/04/2018 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=55915329> ,PSAL,-9,-9,1,3,Primary sampling
 AO,1901511,256,25/04/2018 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=55915329> ,PSAL_ADJUSTED,-9,-9,1,3,Primary sampling
 AO,1901602,201,21/04/2018 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=55567240> ,PSAL,.8,.8,1,3,Secondary sampling
 AO,1901830,51,03/04/2018 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=55240862> ,PRES,.8,.8,1,4,Secondary sampling
 AO,1901830,51,13/04/2018 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=55240862> ,PRES,.8,.8,1,4,Secondary sampling
 AO,1901830,52,13/04/2018 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=55347106> ,PRES,.76,.76,1,1,Secondary sampling
 AO,1901830,52,23/04/2018 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=55347106> ,PRES,.76,.76,1,1,Secondary sampling
 AO,1902034,51,31/03/2018 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=55121130> ,PSAL,42,44,1,4,Primary sampling
 AO,1902034,51,31/03/2018 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=55121130> ,PSAL,53.88,53.88,1,4,Primary sampling
 AO,1902034,51,31/03/2018 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=55121131> ,PSAL,38.8,38.8,1,4,Secondary sampling
 AO,1902034,51,31/03/2018 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=55121131> ,PSAL,39.2,46.76,1,4,Secondary sampling
 AO,1902034,51,31/03/2018 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=55121131> ,PSAL,47.44,47.44,1,4,Secondary sampling
 AO,1902034,51,31/03/2018 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=55121131> ,PSAL,47.84,47.92,1,4,Secondary sampling
 AO,1902034,51,31/03/2018 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=55121131> ,PSAL,48.72,48.72,1,4,Secondary sampling
 AO,1902034,51,31/03/2018 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=55121131> ,PSAL,48.8,55.52,1,4,Secondary sampling
 AO,1902069,50,04/04/2018 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=55241490> ,PRES,.56,.56,1,4,Secondary sampling
 AO,1902181,16,30/03/2018 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=55106248> ,PSAL,2002,2013.32,1,4,Primary sampling
 AO,1902181,16,30/03/2018 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=55106248> ,PSAL,56.04,60,1,4,Primary sampling
 AO,1902181,17,09/04/2018 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=55222755> ,PSAL,1988.04,2011.4,1,4,Primary sampling
 AO,1902181,17,30/03/2018 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=55222755> ,PSAL,1992,2011.4,1,4,Primary sampling
 AO,1902181,17,30/03/2018 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=55222755> ,PSAL,60,60,1,4,Primary sampling
 AO,1902181,18,09/04/2018 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=55305947> ,PSAL,1985.96,2005.92,1,4,Primary sampling
 AO,1902181,18,19/04/2018 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=55305947> ,PSAL,1985.96,2005.92,1,4,Primary sampling
 AO,1902181,18,19/04/2018 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=55305947> ,PSAL,33.96,33.96,1,4,Primary sampling
 AO,1902181,18,19/04/2018 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=55305947> ,PSAL,64,66.04,1,4,Primary sampling
 AO,1902181,19,19/04/2018 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=55416994> ,PSAL,106.08,106.08,1,4,Primary sampling
 AO,1902181,19,19/04/2018 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=55416994> ,PSAL,1978,2003.84,1,4,Primary sampling
 AO,1902181,19,19/04/2018 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=55416994> ,PSAL,49.76,51.88,1,4,Primary sampling
 AO,1902181,19,19/04/2018 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=55416995> ,PRES,.4,.4,1,4,Secondary sampling
 AO,1902181,19,19/04/2018 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=55416995> ,PSAL,40.32,45.52,1,4,Secondary sampling
 AO,1902181,19,19/04/2018 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=55416995> ,PSAL,45.72,45.88,1,4,Secondary sampling
 AO,1902181,19,19/04/2018 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=55416995> ,PSAL,46,46,1,4,Secondary sampling
 AO,1902181,19,19/04/2018 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=55416995> ,PSAL,46.08,46.12,1,4,Secondary sampling
 AO,1902181,19,19/04/2018 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=55416995> ,PSAL,46.24,46.24,1,4,Secondary sampling
 AO,1902181,19,19/04/2018 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=55416995> ,PSAL,46.28,46.72,1,4,Secondary sampling
 AO,1902181,19,19/04/2018 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=55416995> ,PSAL,46.84,46.84,1,4,Secondary sampling
 AO,1902181,19,19/04/2018 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=55416995> ,PSAL,46.88,47.08,1,4,Secondary sampling

AO,5905353,17,09/04/2018 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=55306013 ,PSAL_ADJUSTED,32,74,1,4,Primary sampling
 AO,5905353,17,09/04/2018 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=55306013 ,PSAL_ADJUSTED,80,88,1,4,Primary sampling
 AO,5905353,17,09/04/2018 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=55306013 ,PSAL_ADJUSTED,9,9,24,1,3,Primary sampling
 AO,7900212,114,04/04/2018 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=55072989 ,PSAL,1.08,272,1,4,Primary sampling
 AO,7900212,114,04/04/2018 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=55072989 ,PSAL,280.04,642.04,1,4,Primary sampling
 AO,7900212,114,04/04/2018 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=55072989 ,PSAL,648.04,840.04,1,4,Primary sampling
 AO,7900212,114,04/04/2018 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=55072989 ,PSAL_ADJUSTED,1.08,272,1,4,Primary sampling
 AO,7900212,114,04/04/2018 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=55072989 ,PSAL_ADJUSTED,280.04,642.04,1,4,Primary sampling
 AO,7900212,114,04/04/2018 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=55072989 ,PSAL_ADJUSTED,648.04,844.04,1,4,Primary sampling
 AO,7900661,109,10/04/2018 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=55309467 ,PSAL,1.08,30,1,4,Primary sampling
 AO,7900661,109,10/04/2018 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=55309467 ,PSAL,161.96,161.96,1,4,Primary sampling
 AO,7900661,109,10/04/2018 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=55309467 ,PSAL,172.04,174,1,4,Primary sampling
 AO,7900661,109,10/04/2018 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=55309467 ,PSAL,184.04,190,1,4,Primary sampling
 AO,7900661,109,10/04/2018 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=55309467 ,PSAL,198,236,1,4,Primary sampling
 AO,7900661,109,10/04/2018 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=55309467 ,PSAL,242,456.04,1,4,Primary sampling
 AO,7900661,109,10/04/2018 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=55309467 ,PSAL,58,60.04,1,4,Primary sampling
 AO,7900661,109,10/04/2018 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=55309467 ,PSAL,67.96,151.96,1,4,Primary sampling
 AO,7900661,109,10/04/2018 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=55309468 ,PSAL, .64, .64,1,3,Near-surface sampling
 AO,7900661,109,20/04/2018 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=55309467 ,PSAL,1.08,30,1,3,Primary sampling
 AO,7900661,109,20/04/2018 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=55309467 ,PSAL,161.96,161.96,1,4,Primary sampling
 AO,7900661,109,20/04/2018 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=55309467 ,PSAL,172.04,174,1,4,Primary sampling
 AO,7900661,109,20/04/2018 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=55309467 ,PSAL,184.04,190,1,4,Primary sampling
 AO,7900661,109,20/04/2018 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=55309467 ,PSAL,198,236,1,4,Primary sampling
 AO,7900661,109,20/04/2018 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=55309467 ,PSAL,242,484,4,4,Primary sampling
 AO,7900661,109,20/04/2018 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=55309467 ,PSAL,58,60.04,1,4,Primary sampling
 AO,7900661,109,20/04/2018 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=55309467 ,PSAL,67.96,153.96,1,4,Primary sampling
 AO,7900661,109,20/04/2018 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=55309468 ,PSAL, .64, .64,1,3,Near-surface sampling
 AO,7900665,108,31/03/2018 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=55232725 ,PSAL, .76, .76,1,3,Near-surface sampling

APEX to put on the grey list:

Example of corrections:

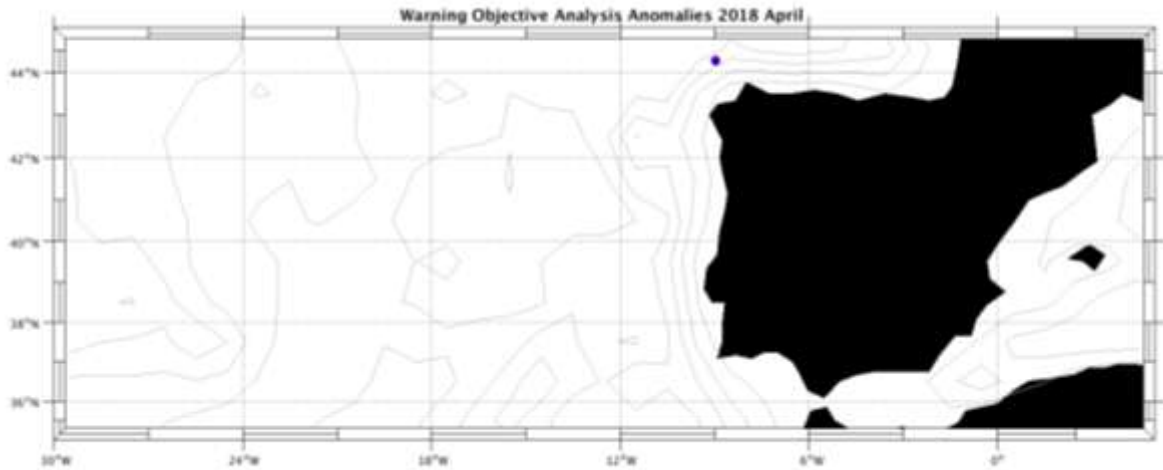




2. DAC BODC

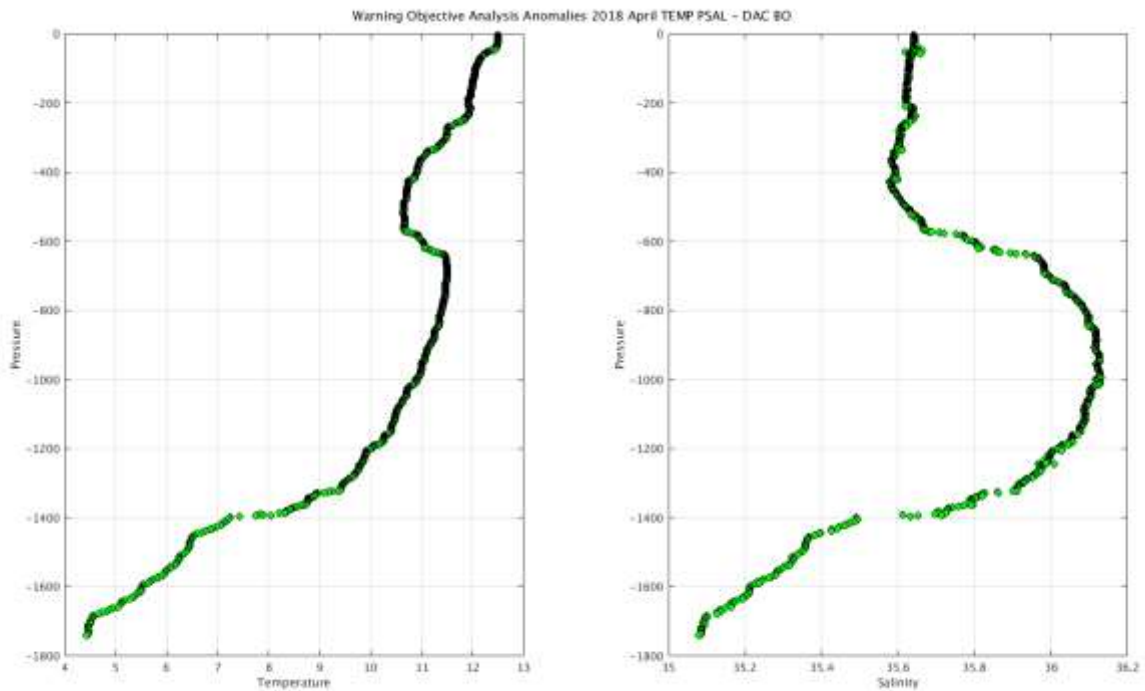
Profiles detected by the objective analysis: 1 profile (1 float – float can have several cycles with anomalies)

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



Status of corrections: Correction not yet done.

Float : 3901909 - Cycle : 48 - PI : A. Miguel Santos - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : AI2600-16FR072 - Date : 2018 4 15

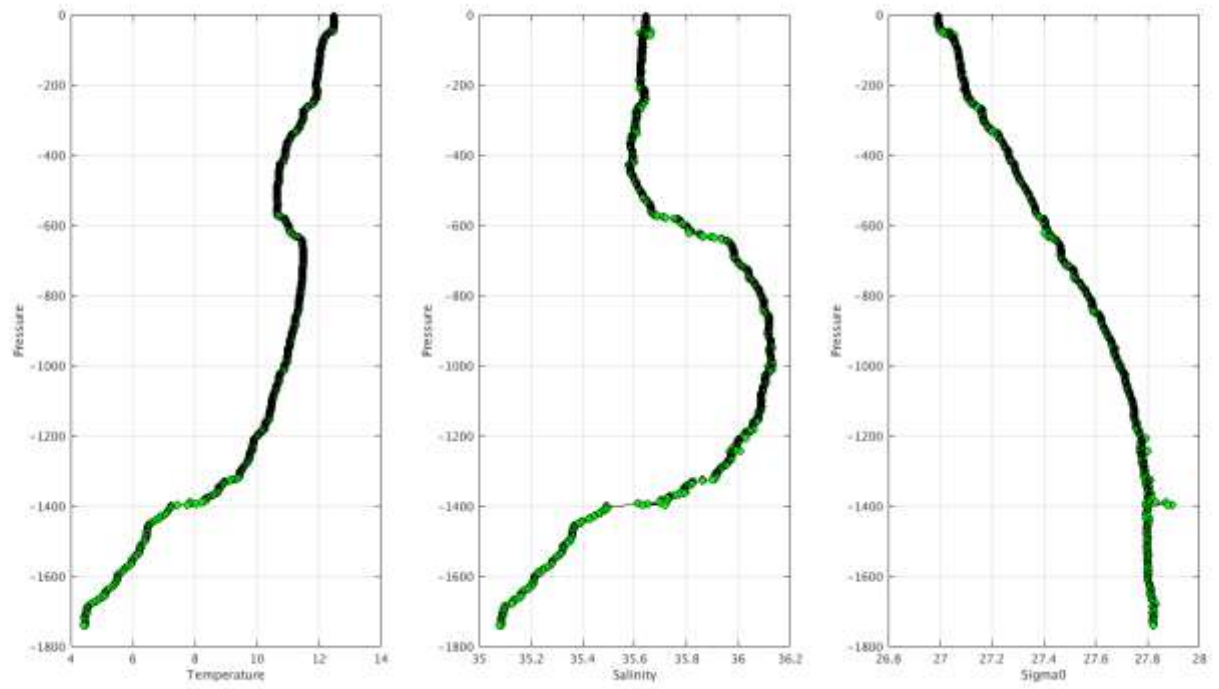


DAC_CODE,PLATFORM_CODE,CV_NUMBER,DATE_UPDATE,DIRECTION,WEB_URL,PARAMETER,START_IMMERSION,STOP_IMMERSION,OLD_QC,NEW_QC,VERTICAL_SAMPLING_SCHEME

BO,3901909,48,15/04/2018 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=55365933> ,PSAL,1205.5,1205.5,1,4,Primary sampling
 BO,3901909,48,15/04/2018 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=55365933> ,PSAL,1233.2,1233.2,1,4,Primary sampling
 BO,3901909,48,15/04/2018 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=55365933> ,PSAL,1243.4,1245,1,4,Primary sampling
 BO,3901909,48,15/04/2018 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=55365933> ,PSAL,1387.4,1387.4,1,4,Primary sampling
 BO,3901909,48,15/04/2018 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=55365933> ,PSAL,1395,1395,1,4,Primary sampling

Example of corrections:

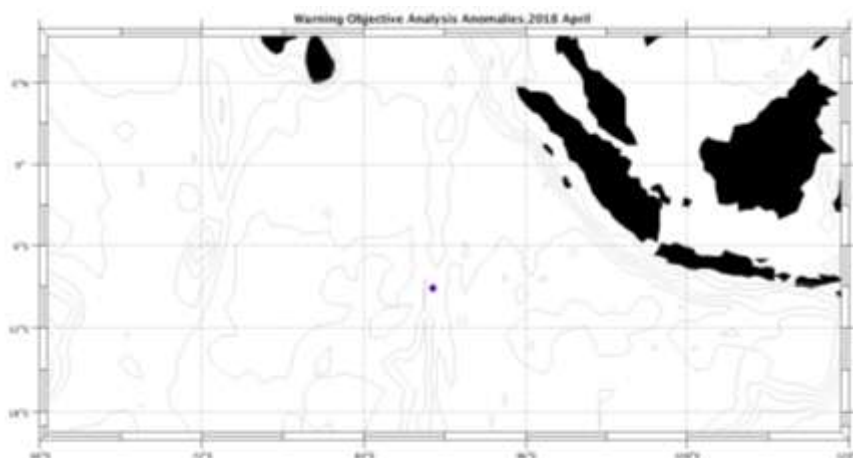
Warning Objective Analysis Anomalies 2018 April TEMP PSAL : DAC BO- Float 3901909 - 48



3. DAC CSIO

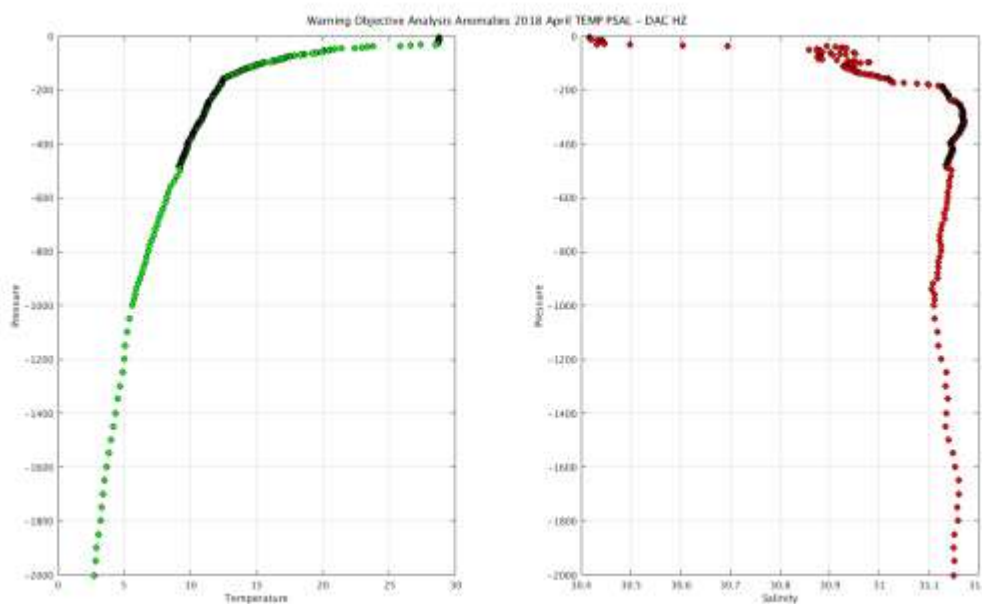
Profiles detected by the objective analysis: 1 profile (1 float – float can have several cycles with anomalies)

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



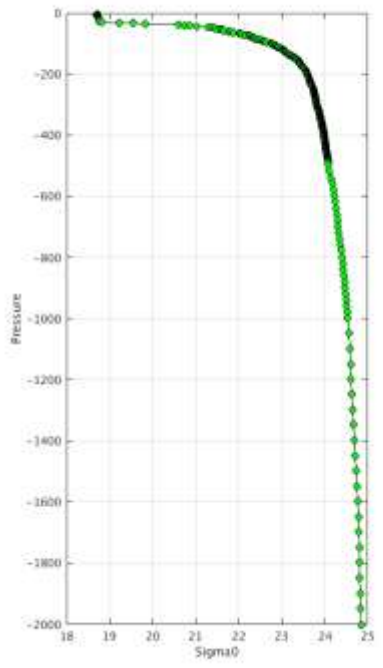
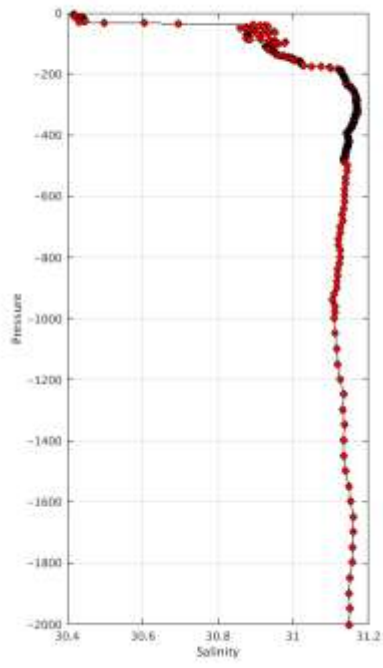
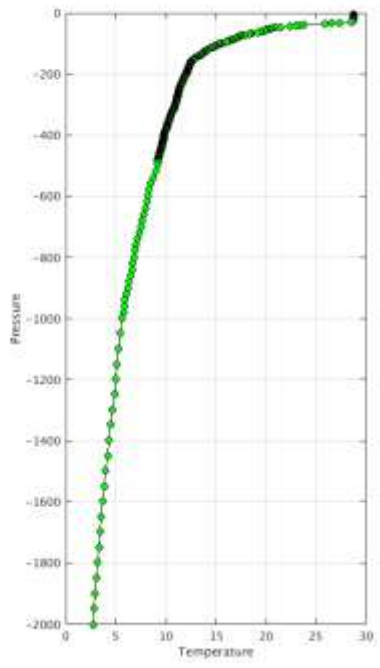
Status of corrections: Correction done, No feedback.

Float : 2902684 - Cycle : 66 - PI : Weifang Jin - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7816 - Date : 2018 4 18



DAC_CODE,PLATFORM_CODE,CV_NUMBER,DATE_UPDATE,DIRECTION,WEB_URL,PARAMETER,START_IMMERSION,STOP_IMMERSION,OLD_QC,NEW_QC,VERTICAL_SAMPLING_SCHEME
 HZ,2902684,66,18/04/2018 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=55389376> ,PSAL,4,2001.08,1,3,Primary sampling
 HZ,2902684,66,18/04/2018 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=55389376> ,PSAL_ADJUSTED,4,2001.08,1,3,Primary sampling

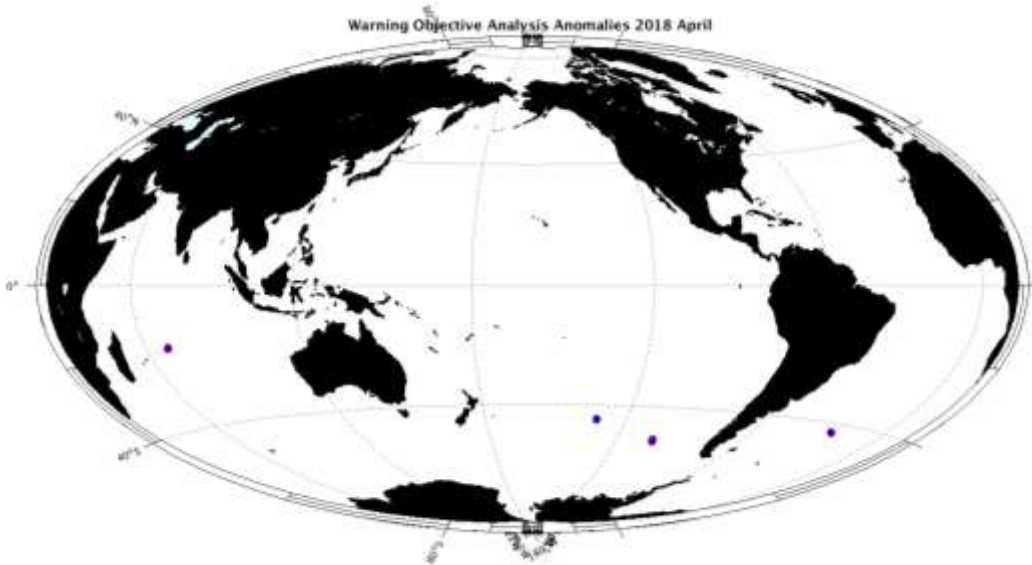
Example of corrections:



4. DAC CSIRO

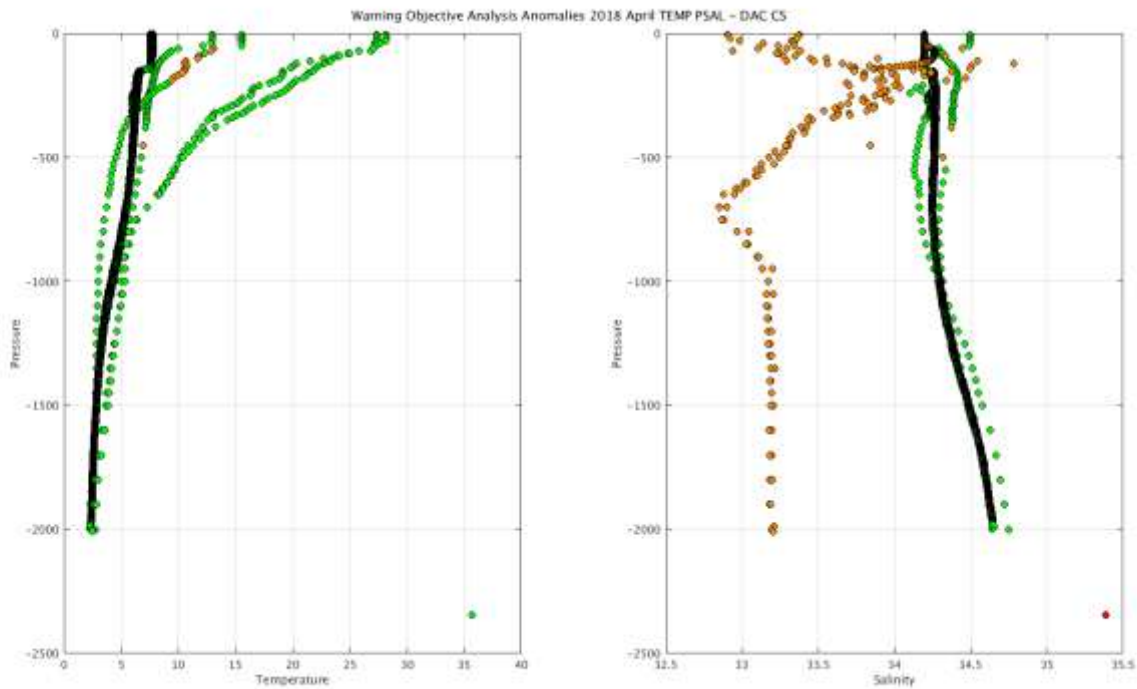
Profiles detected by the objective analysis: 6 profiles (4 floats – float can have several cycles with anomalies)

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



Status of corrections: Corrections done, feedback.

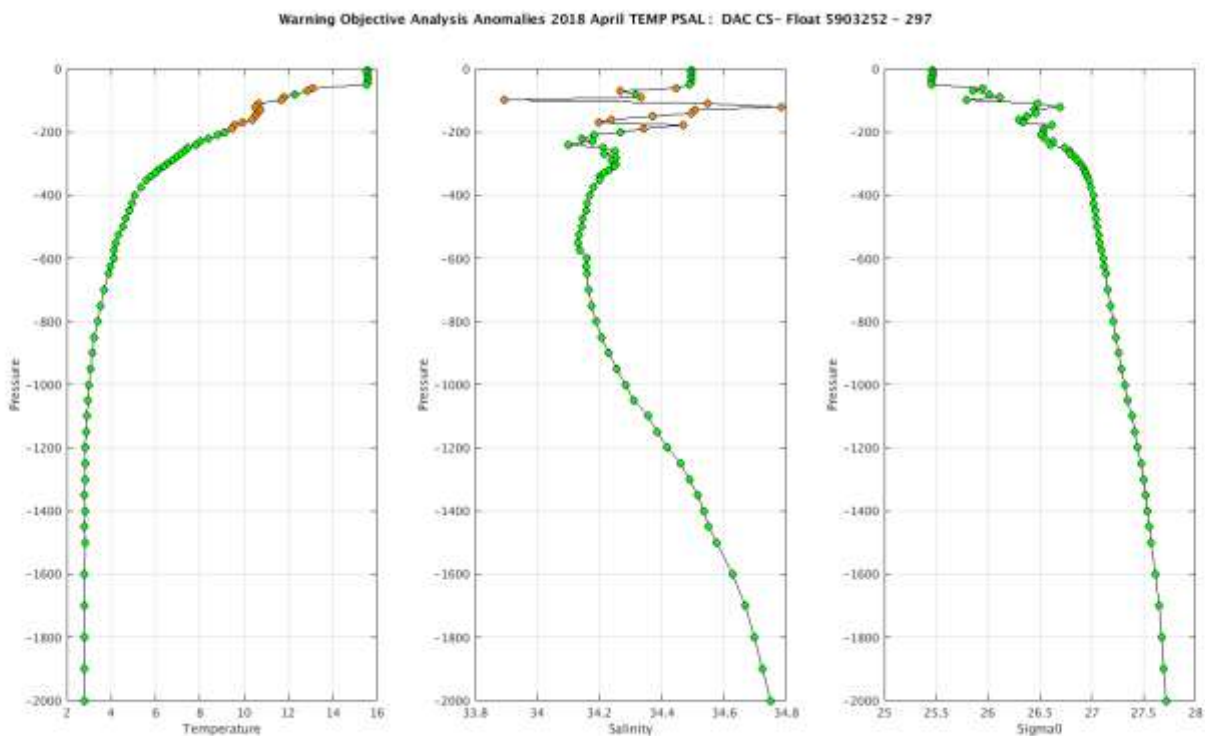
Float : 5901691 - Cycle : 340 - PI : Susan Wijffels - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 3820 - Date : 2018 4 8
 Float : 5903252 - Cycle : 297 - PI : Susan Wijffels - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 4715 - Date : 2018 4 3
 Float : 5903667 - Cycle : 267 - PI : Susan Wijffels - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 5096 - Date : 2018 4 8
 Float : 5903667 - Cycle : 268 - PI : Susan Wijffels - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 5096 - Date : 2018 4 17
 Float : 5903694 - Cycle : 240 - PI : Susan Wijffels - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 5480 - Date : 2018 4 6
 Float : 5903694 - Cycle : 241 - PI : Susan Wijffels - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 5480 - Date : 2018 4 15



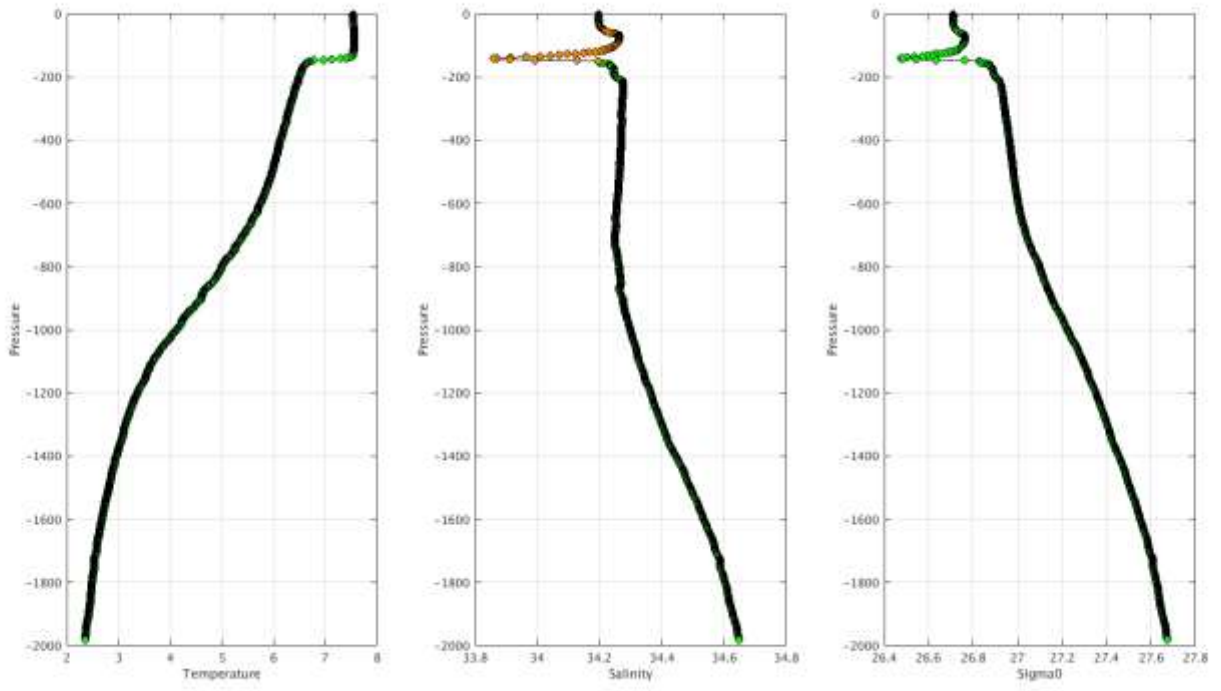
DAC_CODE,PLATFORM_CODE,CV_NUMBER,DATE_UPDATE,DIRECTION,WEB_URL,PARAMETER,START_IMMERSION,STOP_IMMERSION,OLD_QC,NEW_QC,VERTICAL_SAMPLING_SCHEME

CS,5901691,340,08/04/2018 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=55303572 ,PSAL,449.7,449.7,1,4,Primary sampling
 CS,5901691,340,08/04/2018 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=55303572 ,PSAL_ADJUSTED,449.7,449.7,1,4,Primary sampling
 CS,5901691,340,11/04/2018 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=55303572 ,PSAL,449.7,449.7,1,4,Primary sampling
 CS,5901691,340,11/04/2018 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=55303572 ,PSAL_ADJUSTED,449.7,449.7,1,4,Primary sampling
 CS,5903252,297,04/04/2018 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=55242142 ,PSAL_ADJUSTED,200.2,200.5,1,3,Primary sampling
 CS,5903252,297,04/04/2018 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=55242142 ,PSAL_ADJUSTED,4.5,50.3,1,3,Primary sampling
 CS,5903252,297,04/04/2018 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=55242142 ,PSAL_ADJUSTED,80.2,80.2,1,3,Primary sampling
 CS,5903667,267,08/04/2018 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=55302998 ,PSAL_ADJUSTED,2.9,1995.8,1,3,Primary sampling
 CS,5903667,268,18/04/2018 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=55389070 ,PSAL,120,146,3,4,Primary sampling
 CS,5903667,268,18/04/2018 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=55389070 ,PSAL_ADJUSTED,114,146,3,4,Primary sampling
 CS,5903694,240,09/04/2018 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=55293776 ,PSAL,219.8,229.9,1,3,Primary sampling
 CS,5903694,240,09/04/2018 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=55293776 ,PSAL,270.5,319.9,1,3,Primary sampling
 CS,5903694,240,09/04/2018 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=55293776 ,PSAL,375.2,1899.4,1,3,Primary sampling
 CS,5903694,240,09/04/2018 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=55293776 ,PSAL,4.2,50.3,1,3,Primary sampling
 CS,5903694,240,09/04/2018 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=55293776 ,PSAL,90.8,180.6,1,3,Primary sampling
 CS,5903694,240,09/04/2018 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=55293776 ,PSAL_ADJUSTED,219.8,229.9,1,3,Primary sampling
 CS,5903694,240,09/04/2018 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=55293776 ,PSAL_ADJUSTED,270.5,319.9,1,3,Primary sampling
 CS,5903694,240,09/04/2018 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=55293776 ,PSAL_ADJUSTED,375.2,1899.4,1,3,Primary sampling
 CS,5903694,240,09/04/2018 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=55293776 ,PSAL_ADJUSTED,4.2,50.3,1,3,Primary sampling
 CS,5903694,240,09/04/2018 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=55293776 ,PSAL_ADJUSTED,90.8,180.6,1,3,Primary sampling
 CS,5903694,241,16/04/2018 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=55371086 ,PSAL,120.1,260.3,1,3,Primary sampling
 CS,5903694,241,16/04/2018 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=55371086 ,PSAL,3.9,90.4,1,3,Primary sampling
 CS,5903694,241,16/04/2018 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=55371086 ,PSAL,300,330,1,3,Primary sampling
 CS,5903694,241,16/04/2018 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=55371086 ,PSAL,399.2,599.5,1,3,Primary sampling
 CS,5903694,241,16/04/2018 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=55371086 ,PSAL,749.8,2006.2,1,3,Primary sampling
 CS,5903694,241,16/04/2018 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=55371086 ,PSAL_ADJUSTED,120.1,260.3,1,3,Primary sampling
 CS,5903694,241,16/04/2018 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=55371086 ,PSAL_ADJUSTED,3.9,90.4,1,3,Primary sampling
 CS,5903694,241,16/04/2018 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=55371086 ,PSAL_ADJUSTED,300,330,1,3,Primary sampling
 CS,5903694,241,16/04/2018 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=55371086 ,PSAL_ADJUSTED,399.2,599.5,1,3,Primary sampling
 CS,5903694,241,16/04/2018 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=55371086 ,PSAL_ADJUSTED,749.8,2006.2,1,3,Primary sampling
 CS,5903694,241,19/04/2018 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=55371086 ,PSAL,120.1,260.3,1,3,Primary sampling
 CS,5903694,241,19/04/2018 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=55371086 ,PSAL,3.9,90.4,1,3,Primary sampling
 CS,5903694,241,19/04/2018 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=55371086 ,PSAL,300,330,1,3,Primary sampling
 CS,5903694,241,19/04/2018 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=55371086 ,PSAL,399.2,599.5,1,3,Primary sampling
 CS,5903694,241,19/04/2018 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=55371086 ,PSAL,749.8,2006.2,1,3,Primary sampling
 CS,5903694,241,19/04/2018 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=55371086 ,PSAL_ADJUSTED,120.1,260.3,1,3,Primary sampling
 CS,5903694,241,19/04/2018 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=55371086 ,PSAL_ADJUSTED,3.9,90.4,1,3,Primary sampling
 CS,5903694,241,19/04/2018 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=55371086 ,PSAL_ADJUSTED,300,330,1,3,Primary sampling
 CS,5903694,241,19/04/2018 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=55371086 ,PSAL_ADJUSTED,399.2,599.5,1,3,Primary sampling
 CS,5903694,241,19/04/2018 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=55371086 ,PSAL_ADJUSTED,749.8,2006.2,1,3,Primary sampling

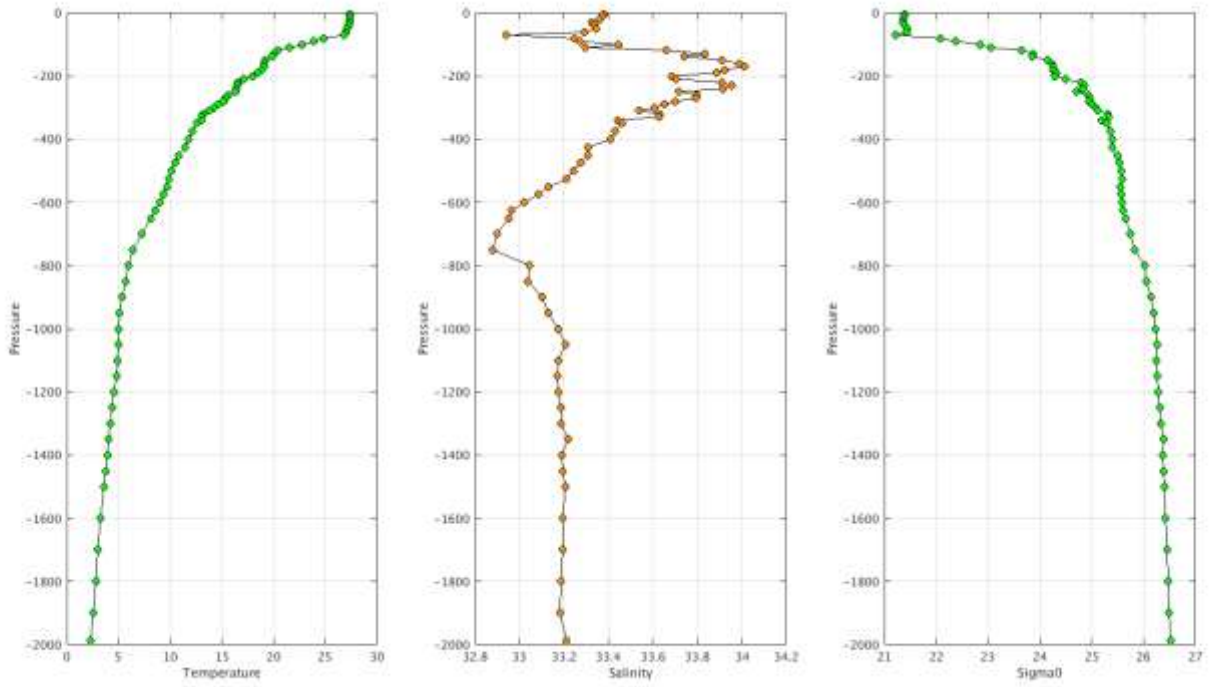
Example of corrections:



Warning Objective Analysis Anomalies 2018 April TEMP PSAL: DAC CS- Float 5903667 - 268



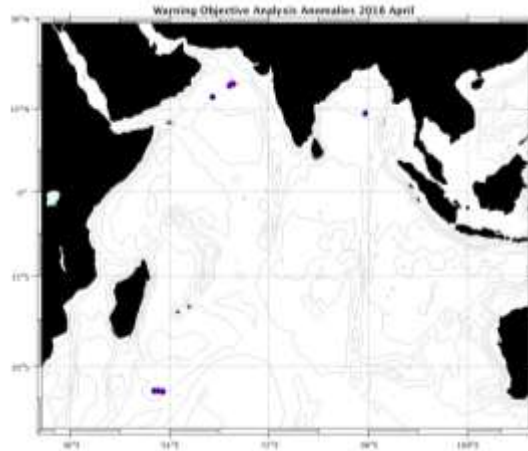
Warning Objective Analysis Anomalies 2018 April TEMP PSAL: DAC CS- Float 5903694 - 240



5. DAC INCOIS

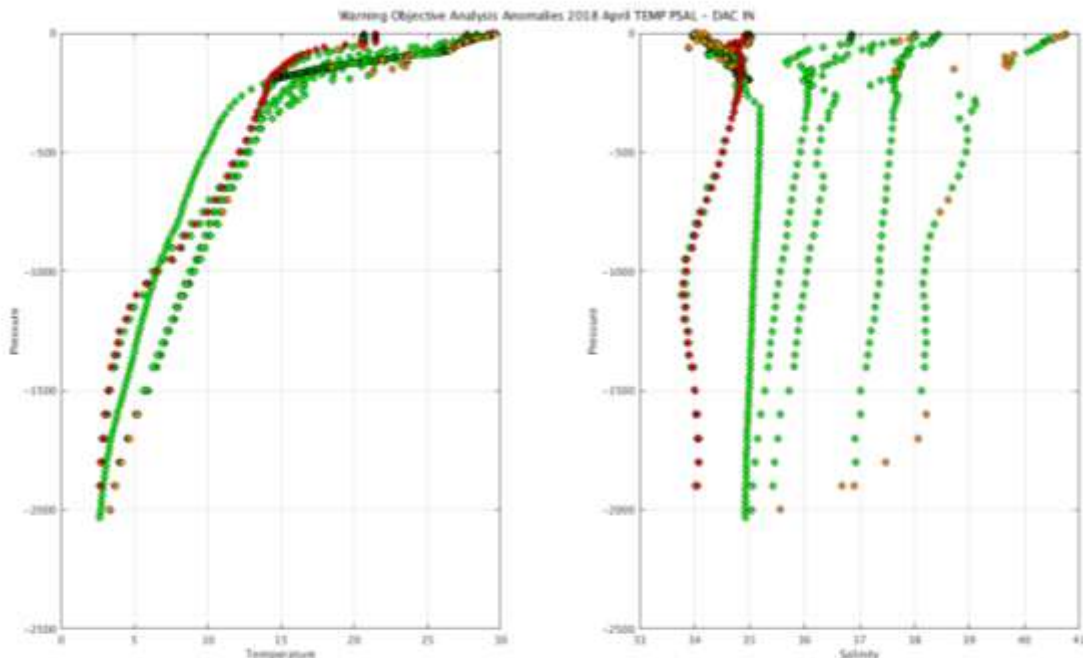
Profiles detected by the objective analysis: 8 profiles (4 floats – float can have several cycles with anomalies)

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



Status of corrections: Corrections done or in progress, feedback

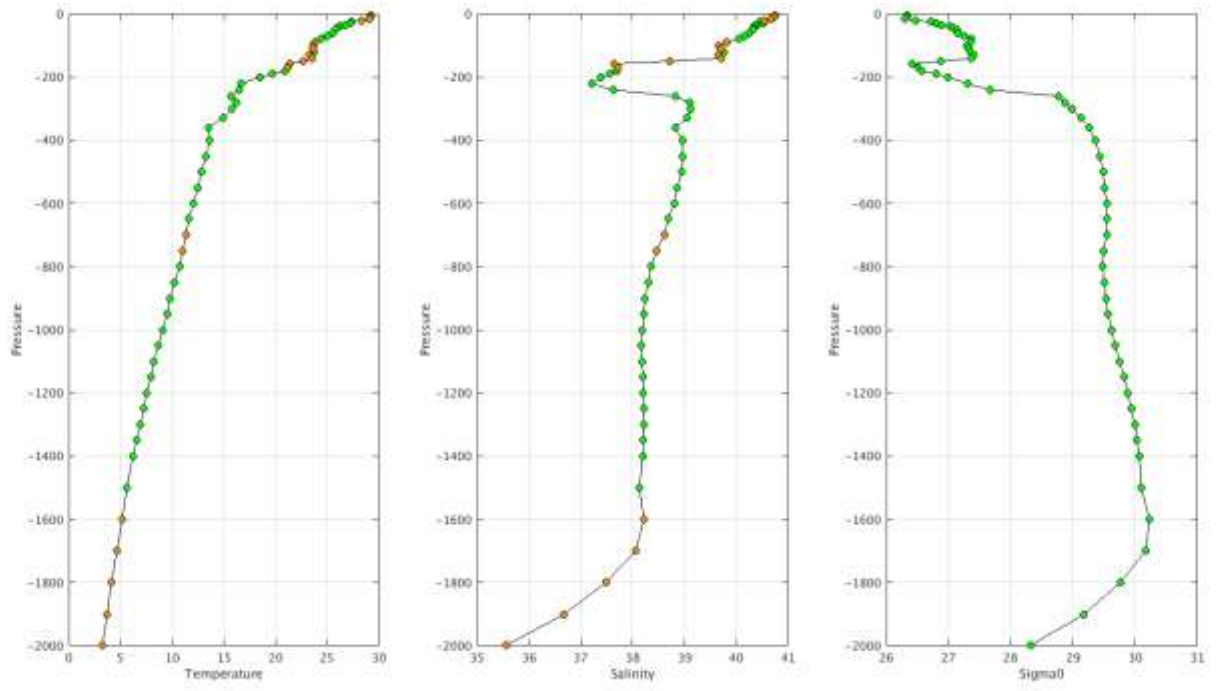
Float : 2902169 - Cycle : 117 - PI : M Ravichandran - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7099 - Date : 2018 4 3
 Float : 2902169 - Cycle : 118 - PI : M Ravichandran - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7099 - Date : 2018 4 13
 Float : 2902169 - Cycle : 119 - PI : M Ravichandran - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7099 - Date : 2018 4 23
 Float : 2902203 - Cycle : 78 - PI : M Ravichandran - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7541 - Date : 2018 4 17
 Float : 2902206 - Cycle : 76 - PI : M Ravichandran - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7540 - Date : 2018 4 2
 Float : 2902206 - Cycle : 77 - PI : M Ravichandran - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7540 - Date : 2018 4 12
 Float : 2902206 - Cycle : 78 - PI : M Ravichandran - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7540 - Date : 2018 4 22
 Float : 2902233 - Cycle : 153 - PI : M Ravichandran - Data mode : A - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 17005 - Date : 2018 4 14



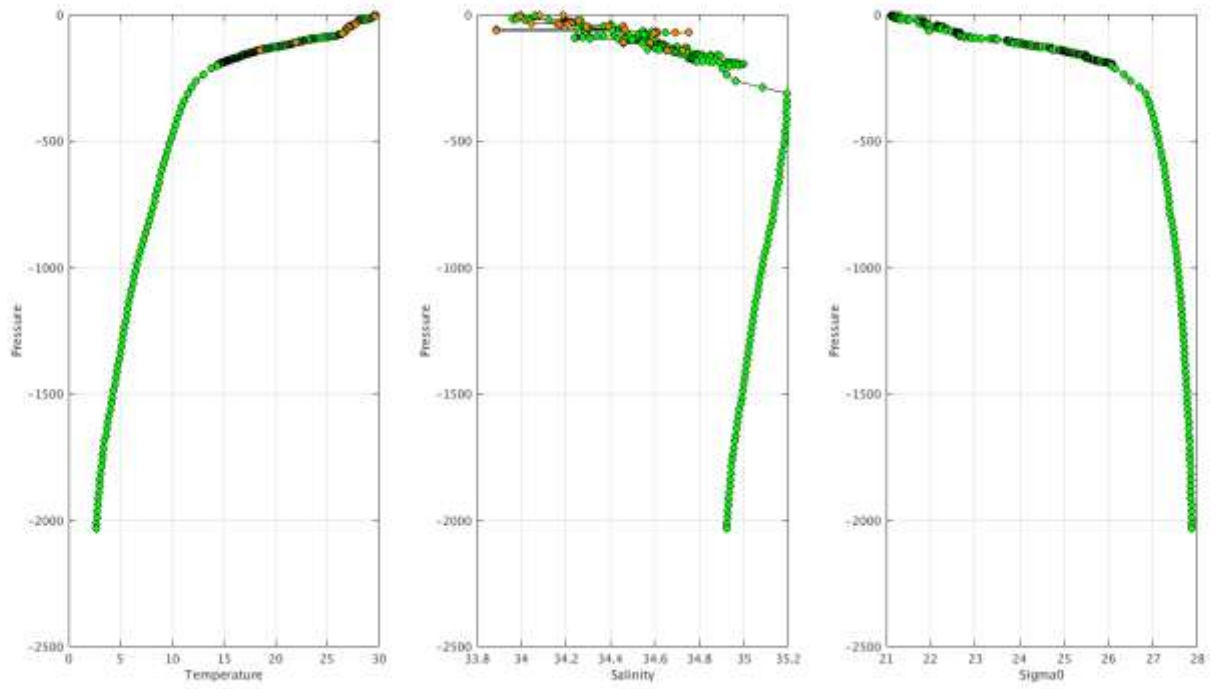
DAC_CODE,PLATFORM_CODE,CV_NUMBER,DATE_UPDATE,DIRECTION,WEB_URL,PARAMETER,START_IMMERSION,STOP_IMMERSION,OLD_QC,NEW_QC,VERTICAL_SAMPLING_SCHEME

IN,2902169,117,04/04/2018 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=55244011> ,PSAL,4,25.1,1,3,Primary sampling
 IN,2902169,117,04/04/2018 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=55244011> ,PSAL,49.2,1899.6,1,3,Primary sampling
 IN,2902169,117,04/04/2018 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=55244011> ,PSAL_ADJUSTED,4,25.1,1,3,Primary sampling
 IN,2902169,117,04/04/2018 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=55244011> ,PSAL_ADJUSTED,49.2,1899.6,1,3,Primary sampling
 IN,2902169,117,06/04/2018 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=55244011> ,PSAL,4,25.1,1,3,Primary sampling
 IN,2902169,117,06/04/2018 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=55244011> ,PSAL,49.2,1899.6,1,3,Primary sampling

Warning Objective Analysis Anomalies 2018 April TEMP PSAL : DAC IN- Float 2902206 - 78



Warning Objective Analysis Anomalies 2018 April TEMP PSAL : DAC IN- Float 2902233 - 153



6. DAC JMA/JAMSTEC

Profiles detected by the objective analysis: 0 profile (0 float – 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:

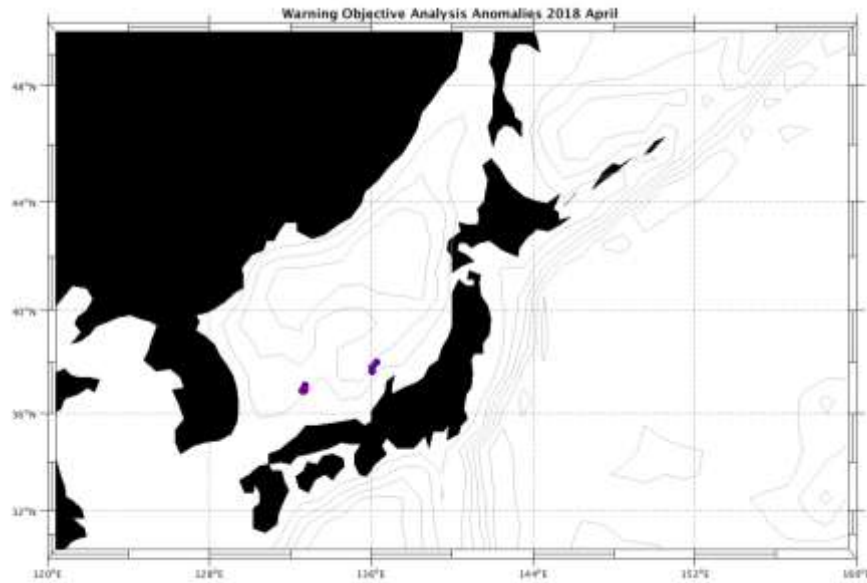
DAC_CODE,PLATFORM_CODE,CV_NUMBER,DATE_UPDATE,DIRECTION,WEB_URL,PARAMETER,START_IMMERSION,STOP_IMMERSION,OLD_QC,NEW_QC,VERTICAL_SAMPLING_SCHEME

Example of anomalies:

7. DAC KMA

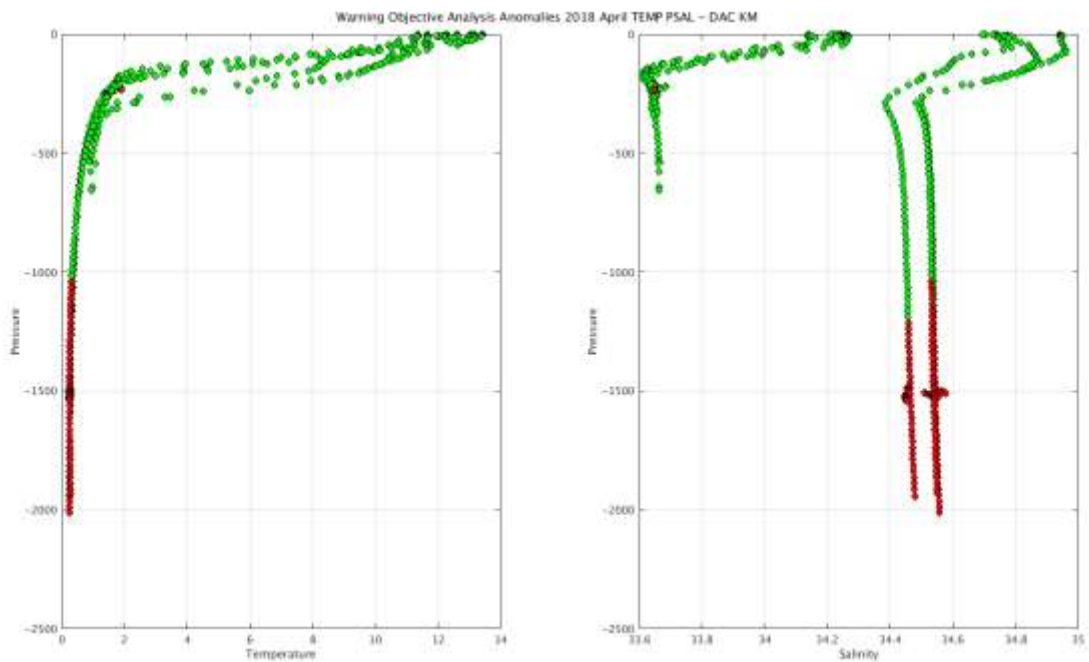
Profiles detected by the objective analysis: 7 profiles (2 floats – float can have several cycles with anomalies)

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



Status of corrections: Correction done for some, no feedbacks

Float : 2901724 - Cycle : 191 - PI : Youngsoo Jeon - Data mode : R - Platform type : ARVOR - WMO inst type : 846 - FLOAT SERIAL : n/a - Date : 2018 4 3
 Float : 2901724 - Cycle : 192 - PI : Youngsoo Jeon - Data mode : R - Platform type : ARVOR - WMO inst type : 846 - FLOAT SERIAL : n/a - Date : 2018 4 10
 Float : 2901724 - Cycle : 193 - PI : Youngsoo Jeon - Data mode : R - Platform type : ARVOR - WMO inst type : 846 - FLOAT SERIAL : n/a - Date : 2018 4 17
 Float : 2901724 - Cycle : 194 - PI : Youngsoo Jeon - Data mode : R - Platform type : ARVOR - WMO inst type : 846 - FLOAT SERIAL : n/a - Date : 2018 4 24
 Float : 2901759 - Cycle : 61 - PI : Jaeyoung Byon - Data mode : R - Platform type : ARVOR - WMO inst type : 846 - FLOAT SERIAL : n/a - Date : 2018 4 1
 Float : 2901759 - Cycle : 62 - PI : Jaeyoung Byon - Data mode : R - Platform type : ARVOR - WMO inst type : 846 - FLOAT SERIAL : n/a - Date : 2018 4 11
 Float : 2901759 - Cycle : 63 - PI : Jaeyoung Byon - Data mode : R - Platform type : ARVOR - WMO inst type : 846 - FLOAT SERIAL : n/a - Date : 2018 4 21

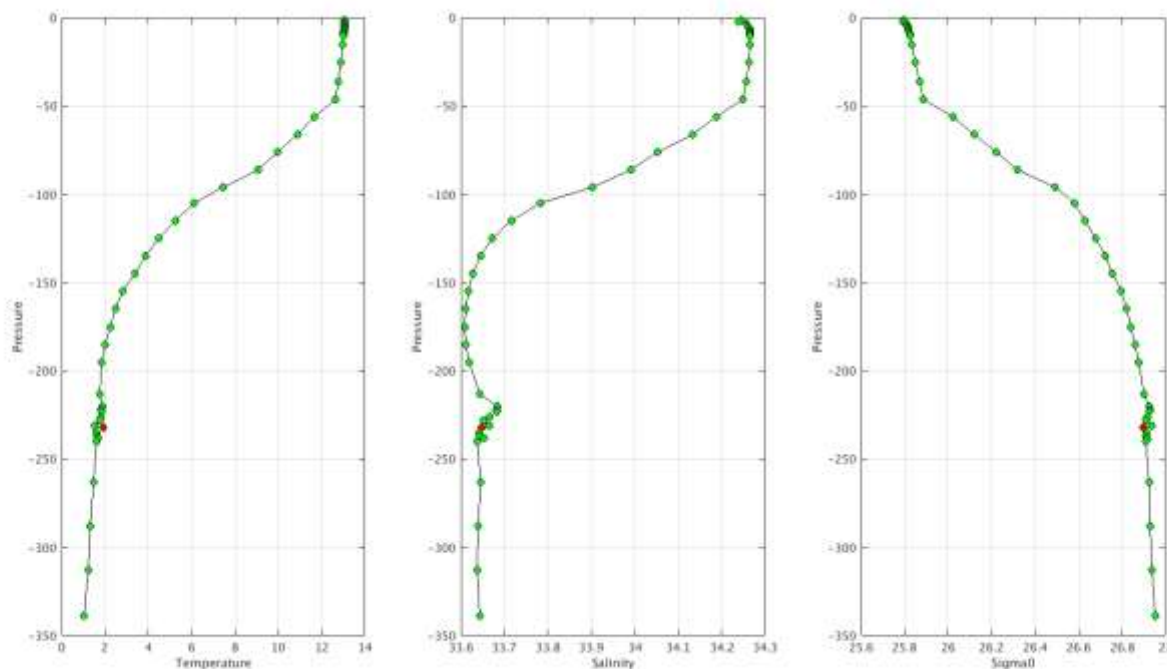


DAC_CODE,PLATFORM_CODE,CV_NUMBER,DATE_UPDATE,DIRECTION,WEB_URL,PARAMETER,START_IMMERSION,STOP_IMMERSION,OLD_QC,NEW_QC,VERTICAL_SAMPLING_SCHEME

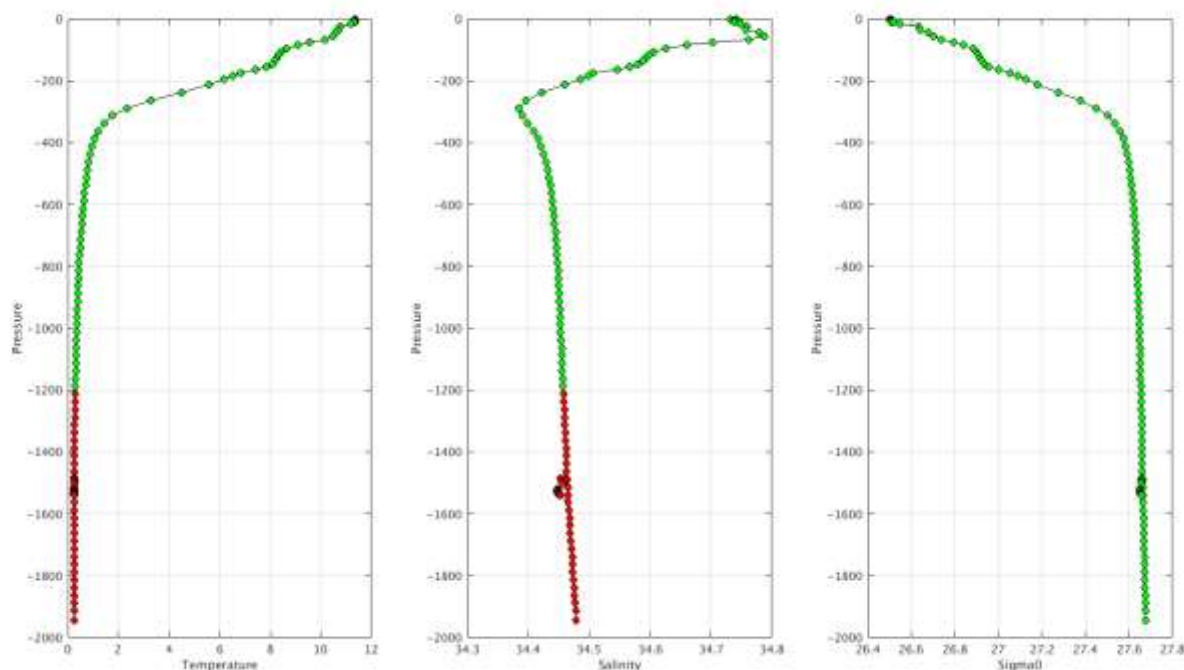
KM,2901724,191,04/04/2018 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=55243973> ,PSAL,1,654,1,4,Primary sampling
KM,2901724,192,11/04/2018 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=55327549> ,PSAL,1,231,1,3,Primary sampling
KM,2901724,192,11/04/2018 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=55327549> ,PSAL,235,339,1,3,Primary sampling
KM,2901724,193,18/04/2018 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=55389091> ,PSAL,1,310,1,3,Primary sampling
KM,2901724,194,25/04/2018 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=55914949> ,PSAL,1,329,1,3,Primary sampling
KM,2901759,61,02/04/2018 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=55237889> ,PSAL,1,1188,1,3,Primary sampling
KM,2901759,62,12/04/2018 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=55335248> ,PSAL,1,1139,1,3,Primary sampling
KM,2901759,63,22/04/2018 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=55578353> ,PSAL,1,1013,1,3,Primary sampling

Example of anomalies:

Warning Objective Analysis Anomalies 2018 April TEMP PSAL : DAC KM- Float 2901724 - 192



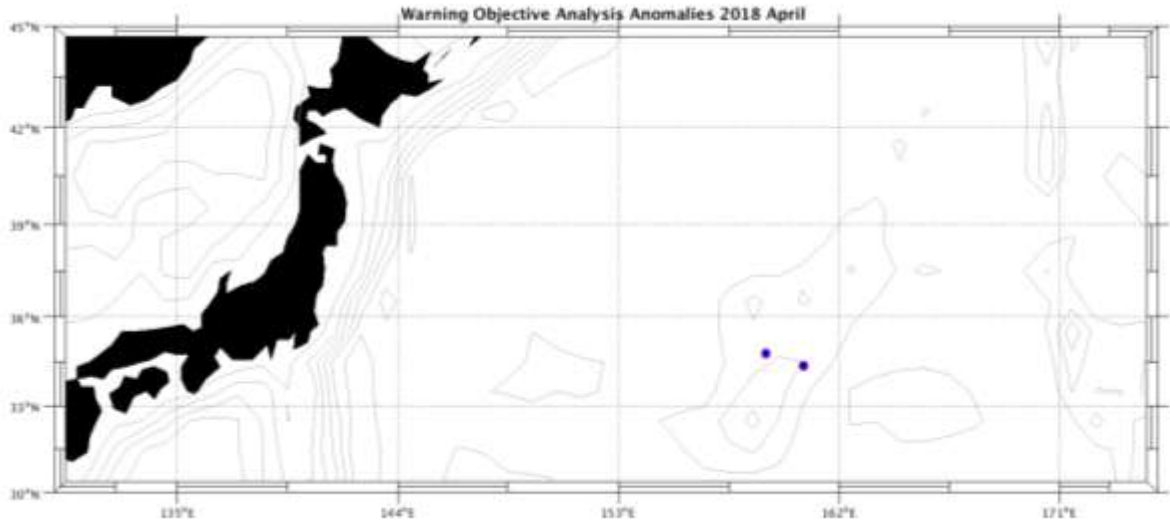
Warning Objective Analysis Anomalies 2018 April TEMP PSAL : DAC KM- Float 2901759 - 61



8. DAC KORDI/KIOST

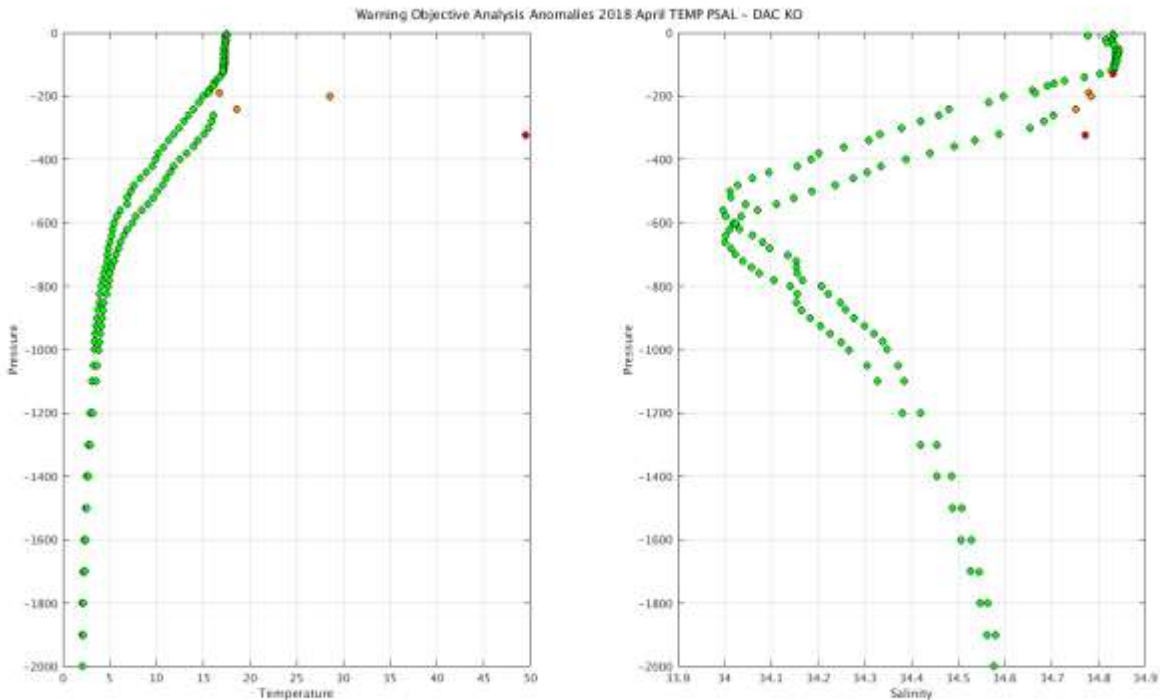
Profiles detected by the objective analysis: 2 profiles (1 float – float can have several cycles with anomalies)

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



Status of corrections: Corrections done for some, feedbacks

Float : 2901779 - Cycle : 29 - PI : Sung-Dae KIM - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7984 - Date : 2018 3 24
 Float : 2901779 - Cycle : 32 - PI : Sung-Dae KIM - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7984 - Date : 2018 4 8



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

KO,2901779,29,23/04/2018 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=55655144> ,PRES_ADJUSTED,10.5,20.4,1,3,Primary sampling

KO,2901779,32,23/04/2018 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=55655177> ,TEMP,199.9,199.9,3,4,Primary sampling

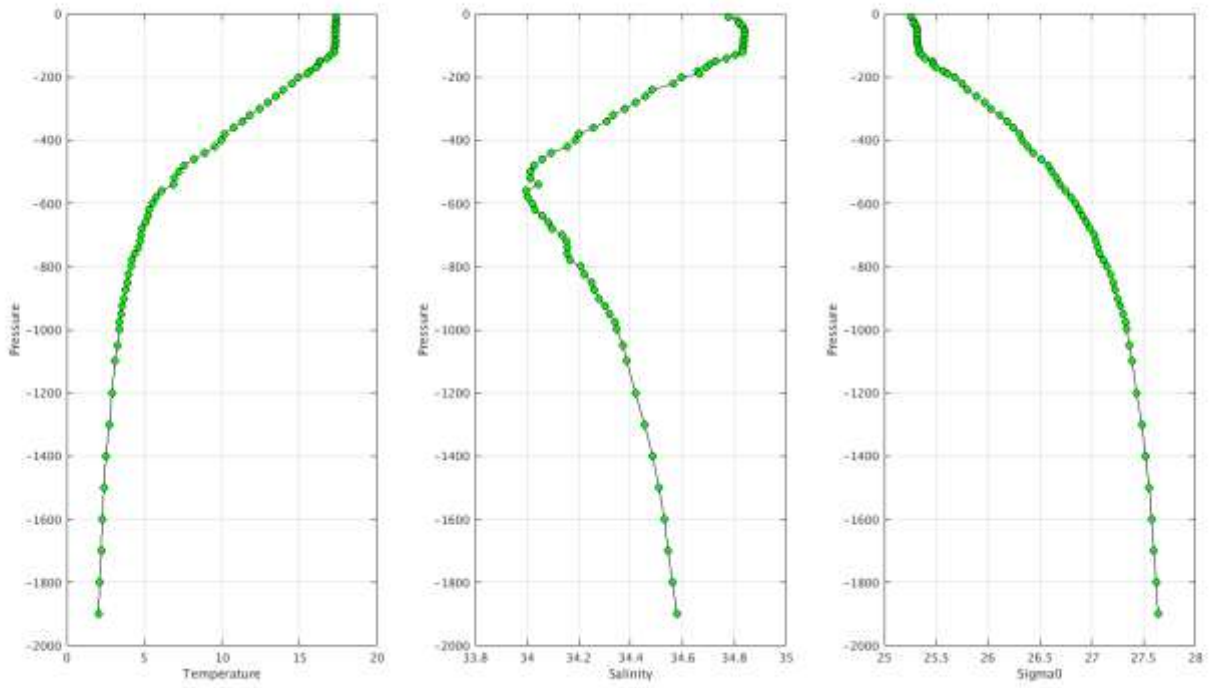
KO,2901779,32,23/04/2018 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=55655177> ,TEMP,241.1,241.1,3,4,Primary sampling

KO,2901779,32,23/04/2018 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=55655177> ,TEMP_ADJUSTED,199.9,199.9,3,4,Primary sampling

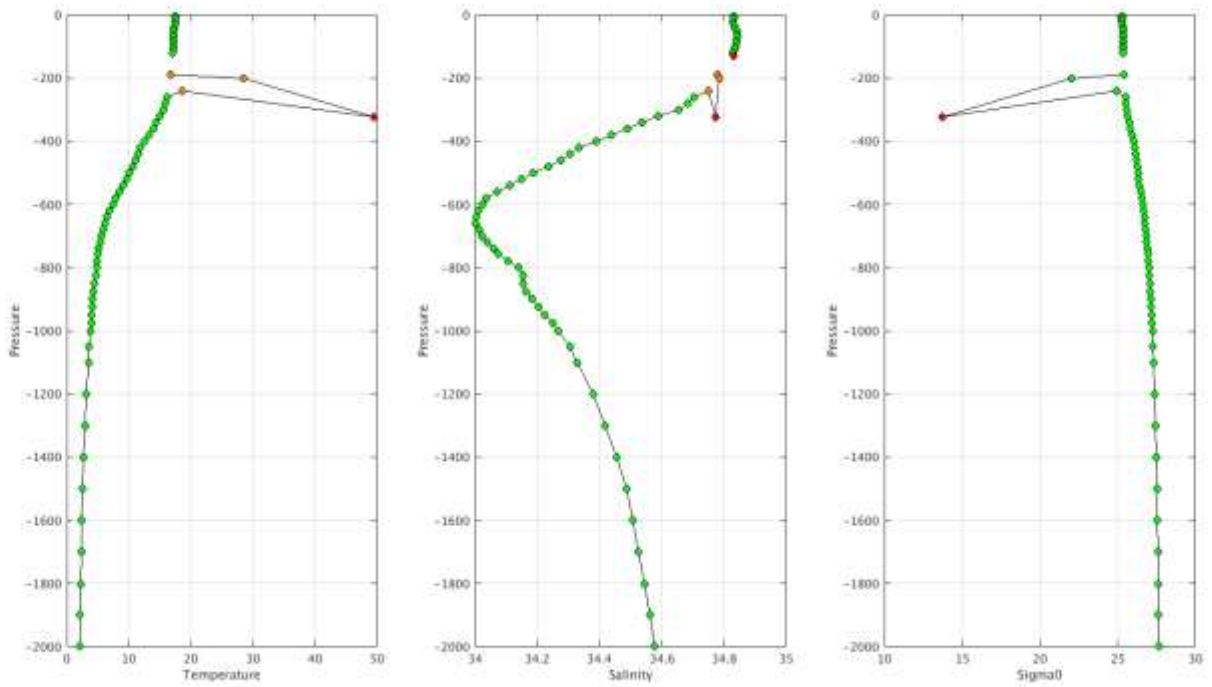
KO,2901779,32,23/04/2018 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=55655177> ,TEMP_ADJUSTED,241.1,241.1,3,4,Primary sampling

Example of anomalies:

Warning Objective Analysis Anomalies 2018 April TEMP PSAL : DAC KO- Float 2901779 - 29



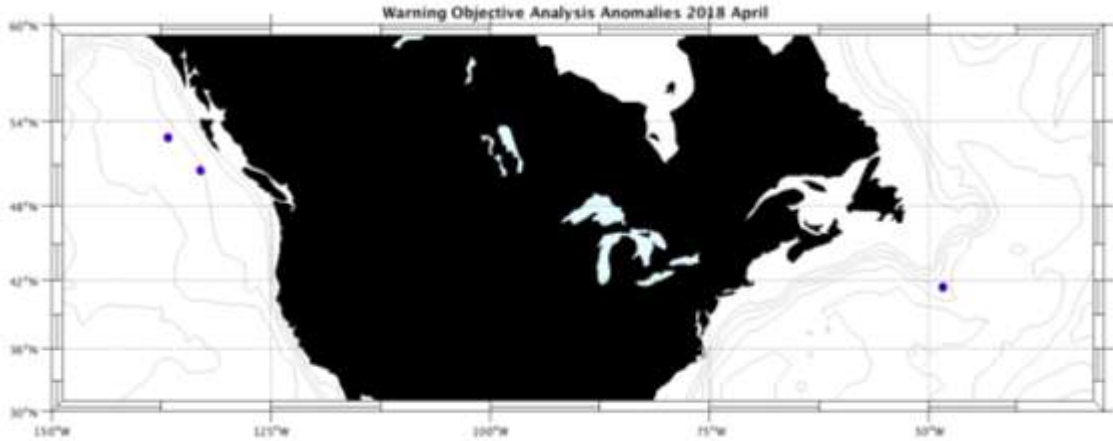
Warning Objective Analysis Anomalies 2018 April TEMP PSAL : DAC KO- Float 2901779 - 32



9. DAC MEDS

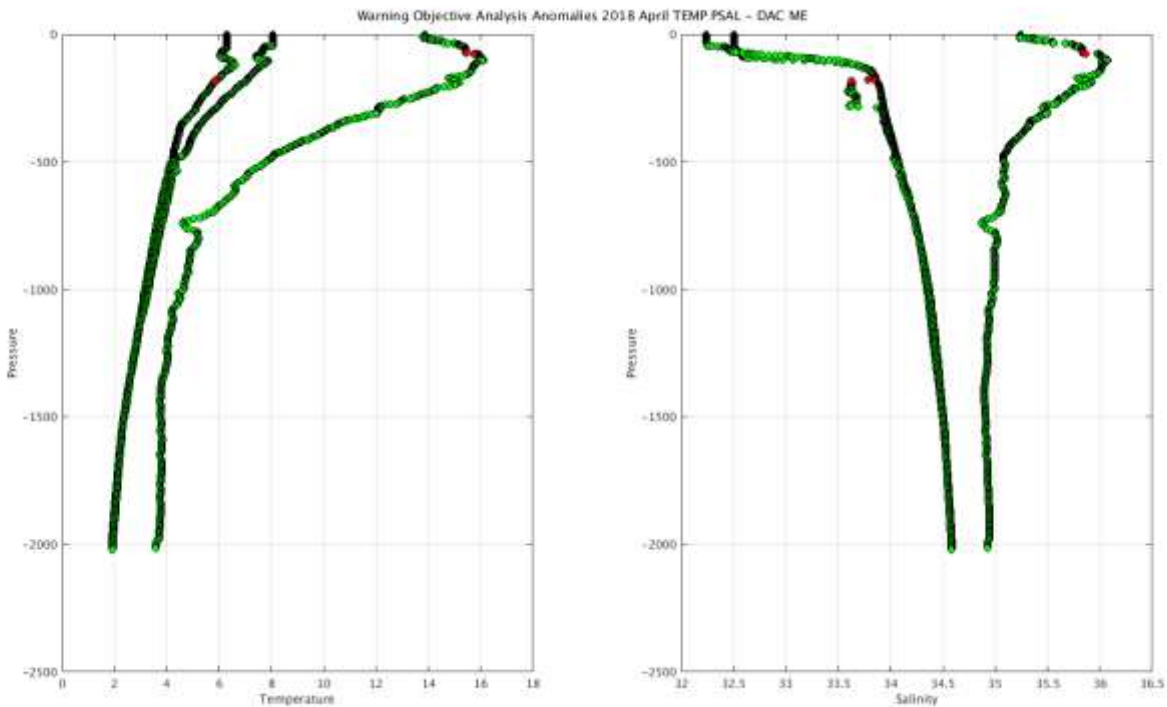
Profiles detected by the objective analysis: 3 profiles (4 floats – float can have several cycles with anomalies)

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



Status of corrections: Correction done or in progress, feedback

Float : 4901733 - Cycle : 173 - PI : Blair Greenan - Data mode : A - Platform type : NOVA - WMO inst type : 865 - FLOAT SERIAL : 63 - Date : 2018 4 3
 Float : 4901818 - Cycle : 66 - PI : Blair Greenan - Data mode : A - Platform type : NOVA - WMO inst type : 865 - FLOAT SERIAL : 324 - Date : 2018 4 24
 Float : 4901827 - Cycle : 62 - PI : Blair Greenan - Data mode : A - Platform type : NOVA - WMO inst type : 865 - FLOAT SERIAL : 333 - Date : 2018 4 20

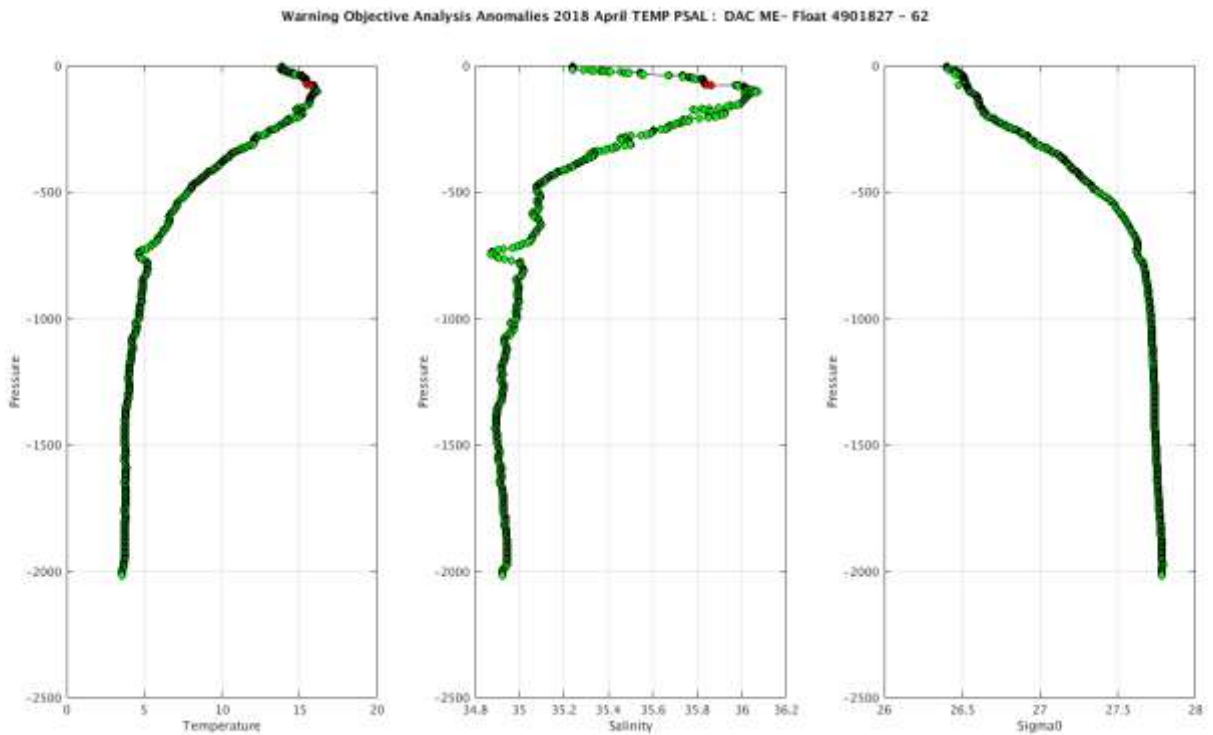
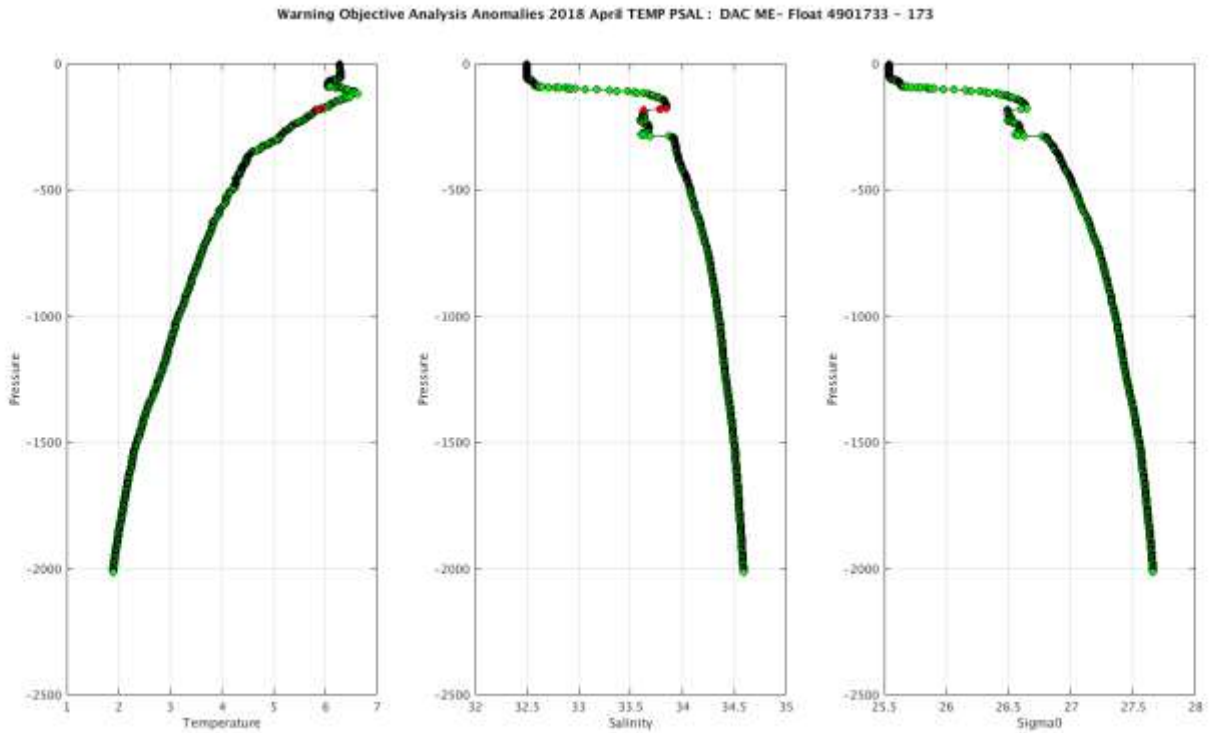


DAC_CODE,PLATFORM_CODE,CV_NUMBER,DATE_UPDATE,DIRECTION,WEB_URL,PARAMETER,START_IMMERSION,STOP_IMMERSION,OLD_QC,NEW_QC,VERTICAL_SAMPLING_SCHEME

ME,4901733,173,03/04/2018 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=55241032> ,PSAL,185.1,285,1,4,Primary sampling
 ME,4901733,173,03/04/2018 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=55241032> ,PSAL_ADJUSTED,185.1,285,1,4,Primary sampling
 ME,4901818,66,24/04/2018 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=55914896> ,PSAL_ADJUSTED,2,2020.2,1,3,Primary sampling
 ME,4901827,62,20/04/2018 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=55468827> ,PSAL,22.9,22.9,1,4,Primary sampling
 ME,4901827,62,20/04/2018 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=55468827> ,PSAL,27.1,27.1,1,4,Primary sampling
 ME,4901827,62,20/04/2018 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=55468827> ,PSAL,34.1,37.1,1,4,Primary sampling

ME,4901827,62,20/04/2018 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=55468827> ,PSAL,43.1,43.1,1,4,Primary sampling
 ME,4901827,62,20/04/2018 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=55468827> ,PSAL,50.1,51,1,4,Primary sampling
 ME,4901827,62,20/04/2018 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=55468827> ,PSAL_ADJUSTED,22.9,22.9,1,4,Primary sampling
 ME,4901827,62,20/04/2018 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=55468827> ,PSAL_ADJUSTED,27.1,27.1,1,4,Primary sampling
 ME,4901827,62,20/04/2018 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=55468827> ,PSAL_ADJUSTED,34.1,37.1,1,4,Primary sampling
 ME,4901827,62,20/04/2018 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=55468827> ,PSAL_ADJUSTED,43.1,43.1,1,4,Primary sampling
 ME,4901827,62,20/04/2018 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=55468827> ,PSAL_ADJUSTED,50.1,52,1,4,Primary sampling
 ME,4901827,62,20/04/2018 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=55468827> ,PSAL_ADJUSTED,71.9,73,1,4,Primary sampling

Example of anomalies:



10. DAC NMDIS

Profiles detected by the objective analysis: 0

INACTIVE FLOATS

Status of corrections:

Example of anomalies:

11. File anomalies (GDAC – Real time)

For information, on the GDAC for some floats, some netcdf files are missing. Sometimes this is not an anomaly (float has been deployed but no transmission of data then only meta file is available) but for other cases it could be an anomaly so please check.

I removed all the floats for which the missing netcdf files are not due to an anomaly. For instance, I removed all the floats for which only meta.nc file is generated or only meta.nc and tech.nc files are generated. If you think that others associations have to be removed for technical reasons, let me know. `<wmo_number>_meta.nc | <wmo_number>_meta.nc + <wmo_number>_tech.nc`

11.1. AOML

GDAC (missing nc files)

For some floats :

- tech.nc and/or traj.nc are missing (meta.nc and prof.nc files existing)
- multiprof.nc is missing (no profiles but tech, traj, meta exist)
- only meta file (no monoprofile, no trajectory, no technical file)

See below the list of floats with existing nc files :

DAC name : aoml – Number of floats : 6741

1900167 - Existing nc files

File : 1900167_meta.nc - 1900167_prof.nc -

1900168 - Existing nc files

File : 1900168_meta.nc - 1900168_prof.nc -

1900189 - Existing nc files

File : 1900189_Rtraj.nc - 1900189_meta.nc - 1900189_tech.nc -

1900244 - Existing nc files

File : 1900244_meta.nc - 1900244_prof.nc -

1900245 - Existing nc files

File : 1900245_meta.nc - 1900245_prof.nc -

1900255 - Existing nc files

File : 1900255_meta.nc - 1900255_prof.nc -

1900257 - Existing nc files

File : 1900257_meta.nc - 1900257_prof.nc -

1900748 - Existing nc files

File : 1900748_Rtraj.nc - 1900748_meta.nc - 1900748_tech.nc -

1900751 - Existing nc files

File : 1900751_Rtraj.nc - 1900751_meta.nc - 1900751_tech.nc -

1900831 - Existing nc files

File : 1900831_Rtraj.nc - 1900831_meta.nc - 1900831_tech.nc -

1901658 - Existing nc files

File : 1901658_Rtraj.nc - 1901658_meta.nc - 1901658_tech.nc -

2901106 - Existing nc files

File : 2901106_Rtraj.nc - 2901106_meta.nc - 2901106_tech.nc -

3900148 - Existing nc files

File : 3900148_meta.nc - 3900148_prof.nc -

3900160 - Existing nc files

File : 3900160_Rtraj.nc - 3900160_meta.nc - 3900160_tech.nc -

39029 - Existing nc files

File : 39029_Rtraj.nc - 39029_meta.nc - 39029_tech.nc -

41534 - Existing nc files

File : 41534_Rtraj.nc - 41534_meta.nc - 41534_tech.nc -

4900228 - Existing nc files

File : 4900228_meta.nc - 4900228_prof.nc -

4900229 - Existing nc files

File : 4900229_meta.nc - 4900229_prof.nc -

4900230 - Existing nc files

File : 4900230_meta.nc - 4900230_prof.nc -

4900268 - Existing nc files

File : 4900268_meta.nc - 4900268_prof.nc -

4900269 - Existing nc files

File : 4900269_meta.nc - 4900269_prof.nc -

4900270 - Existing nc files

File : 4900270_meta.nc - 4900270_prof.nc -

4900271 - Existing nc files

File : 4900271_meta.nc - 4900271_prof.nc -

4900272 - Existing nc files
File : 4900272_meta.nc - 4900272_prof.nc -

4900273 - Existing nc files
File : 4900273_meta.nc - 4900273_prof.nc -

4900287 - Existing nc files
File : 4900287_Rtraj.nc - 4900287_meta.nc - 4900287_tech.nc -

4900358 - Existing nc files
File : 4900358_meta.nc - 4900358_prof.nc -

4900361 - Existing nc files
File : 4900361_meta.nc - 4900361_prof.nc -

4900366 - Existing nc files
File : 4900366_meta.nc - 4900366_prof.nc -

4900367 - Existing nc files
File : 4900367_meta.nc - 4900367_prof.nc -

4900382 - Existing nc files
File : 4900382_meta.nc - 4900382_prof.nc -

4900383 - Existing nc files
File : 4900383_meta.nc - 4900383_prof.nc -

4900385 - Existing nc files
File : 4900385_meta.nc - 4900385_prof.nc -

4900426 - Existing nc files
File : 4900426_meta.nc - 4900426_prof.nc -

4900427 - Existing nc files
File : 4900427_meta.nc - 4900427_prof.nc -

4900428 - Existing nc files
File : 4900428_meta.nc - 4900428_prof.nc -

4900550 - Existing nc files
File : 4900550_Rtraj.nc - 4900550_meta.nc - 4900550_tech.nc -

4900583 - Existing nc files
File : 4900583_Rtraj.nc - 4900583_meta.nc - 4900583_tech.nc -

4900779 - Existing nc files
File : 4900779_Rtraj.nc - 4900779_meta.nc - 4900779_tech.nc -

4901485 - Existing nc files
File : 4901485_Rtraj.nc - 4901485_meta.nc - 4901485_tech.nc -

4901537 - Existing nc files
File : 4901537_Rtraj.nc - 4901537_meta.nc - 4901537_tech.nc -

4901560 - Existing nc files
File : 4901560_Rtraj.nc - 4901560_meta.nc - 4901560_tech.nc -

4901575 - Existing nc files
File : 4901575_Rtraj.nc - 4901575_meta.nc - 4901575_tech.nc -

4901577 - Existing nc files
File : 4901577_Rtraj.nc - 4901577_meta.nc - 4901577_tech.nc -

5900253 - Existing nc files
File : 5900253_Rtraj.nc - 5900253_meta.nc - 5900253_tech.nc -

5900637 - Existing nc files
File : 5900637_Rtraj.nc - 5900637_meta.nc - 5900637_tech.nc -

5900765 - Existing nc files
File : 5900765_Rtraj.nc - 5900765_meta.nc - 5900765_tech.nc -

5900892 - Existing nc files
File : 5900892_Rtraj.nc - 5900892_meta.nc - 5900892_tech.nc -

5901006 - Existing nc files
File : 5901006_Rtraj.nc - 5901006_meta.nc - 5901006_tech.nc -

5901082 - Existing nc files
File : 5901082_Rtraj.nc - 5901082_meta.nc - 5901082_tech.nc -

5901732 - Existing nc files
File : 5901732_Rtraj.nc - 5901732_meta.nc - 5901732_tech.nc -

5903102 - Existing nc files
File : 5903102_Rtraj.nc - 5903102_meta.nc - 5903102_tech.nc -

5903105 - Existing nc files
File : 5903105_Rtraj.nc - 5903105_meta.nc - 5903105_tech.nc -

5903109 - Existing nc files
File : 5903109_Rtraj.nc - 5903109_meta.nc - 5903109_tech.nc -

5903442 - Existing nc files
File : 5903442_Rtraj.nc - 5903442_meta.nc - 5903442_tech.nc -

5904097 - Existing nc files
File : 5904097_Rtraj.nc - 5904097_meta.nc - 5904097_tech.nc -

5904282 - Existing nc files
File : 5904282_Rtraj.nc - 5904282_meta.nc - 5904282_tech.nc -

5904838 - Existing nc files
File : 5904838_Rtraj.nc - 5904838_meta.nc - 5904838_prof.nc -

5904839 - Existing nc files
File : 5904839_Rtraj.nc - 5904839_meta.nc - 5904839_prof.nc -

5904840 - Existing nc files
File : 5904840_Rtraj.nc - 5904840_meta.nc - 5904840_prof.nc

Files in real time :

aoml – R5904488_210.nc – A profile date-time is not defined, location not defined but right QC on those parameters – If JULD missing, put QC 9 ? or put position_qc=4 ? but be consistent

```
JULD = _ _ ;  
JULD_QC = "44" ;  
JULD_LOCATION = _ _ ;  
LATITUDE = _ _ ;  
LONGITUDE = _ _ ;  
POSITION_QC = "99" ;
```

11.2. BODC

GDAC (missing nc files)

For some floats :

- tech.nc and/or traj.nc are missing (meta.nc and prof.nc files existing)
- only meta and/or tech files (no monopprofile, no trajectory)

MAINLY TRAJECTORY FILE MISSING

See below the list of floats with existing nc files :

DAC name : bodc – Number of floats : 660

1901312 - Existing nc files

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

1901844 - Existing nc files

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

1901845 - Existing nc files

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

1901846 - Existing nc files

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

1901847 - Existing nc files

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

1901848 - Existing nc files

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

1901849 - Existing nc files

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

1901850 - Existing nc files

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

1901851 - Existing nc files

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

1901852 - Existing nc files

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

1901853 - Existing nc files

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

1901854 - Existing nc files

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

1901855 - Existing nc files

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

1901856 - Existing nc files

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

1901857 - Existing nc files

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

1901858 - Existing nc files

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

1901859 - Existing nc files

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

1901860 - Existing nc files

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

1901861 - Existing nc files

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

1901862 - Existing nc files

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

1901863 - Existing nc files

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

1901864 - Existing nc files

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

1901865 - Existing nc files

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

1901866 - Existing nc files

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

11.3. CORIOLIS

GDAC (missing nc files)

For some floats :

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

See below the list of floats with existing nc files :

DAC name : Coriolis – Number of floats : 2626

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

6902780 - Existing nc files
File : 6902780_Rtraj.nc - 6902780_meta.nc - 6902780_tech.nc -

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

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

6903193 - Existing nc files
File : 6903193_Rtraj.nc - 6903193_meta.nc - 6903193_tech.nc -

7900349 - Existing nc files
File : 7900349_Rtraj.nc - 7900349_meta.nc - 7900349_tech.nc

11.4. CSIO

GDAC (missing nc files)

For some floats :

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

See below the list of floats with existing nc files :

DAC name : csio – Number of floats : 387

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 -

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

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

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

11.5. CSIRO

GDAC (missing nc files)

For some floats :

- traj.nc is missing (only meta.nc, tech.nc and prof.nc files)

See below the list of floats with existing nc files :

DAC name : csiro – Number of floats : 817

3901467 - Existing nc files
File : 3901467_meta.nc - 3901467_prof.nc - 3901467_tech.nc -

5904922 - Existing nc files
File : 5904922_meta.nc - 5904922_prof.nc - 5904922_tech.nc -

5904221 - Existing nc files
File : 5904221_meta.nc - 5904221_prof.nc - 5904221_tech.nc -

5905205 - Existing nc files
File : 5905205_meta.nc - 5905205_prof.nc - 5905205_tech.nc -

5904224 - Existing nc files
File : 5904224_meta.nc - 5904224_prof.nc - 5904224_tech.nc -

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

5904226 - Existing nc files
File : 5904226_meta.nc - 5904226_prof.nc - 5904226_tech.nc -

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

5904916 - Existing nc files
File : 5904916_meta.nc - 5904916_prof.nc - 5904916_tech.nc -

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

5904917 - Existing nc files
File : 5904917_meta.nc - 5904917_prof.nc - 5904917_tech.nc -

5905394 - Existing nc files
File : 5905394_meta.nc - 5905394_prof.nc - 5905394_tech.nc

11.6. INCOIS

For some floats :

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

See below the list of floats with existing nc files :

DAC name : incois – Number of floats : 445

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

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

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

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

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

2902253 - Existing nc files

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

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

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

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

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

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

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

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

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

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

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

11.7. JMA

Feedback sent by Wataru.(few months ago)

Checking of the status of each float.

-Deep NINJA: 14 floats in preparation for data release and profile files will be sent to GDACs

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 : 1583

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

1902075 - Existing nc files

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

7900691 - Existing nc files
File : 7900691_meta.nc - 7900691_prof.nc

11.8. KMA

For some floats :

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

See below the list of floats with existing nc files :

DAC name : kma – Number of floats : 227

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

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

2901705 - Existing nc files

11.9. KORDI/KIOST

For some floats :

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

See below the list of floats with existing nc files :

DAC name : kordi – Number of floats : 120

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

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

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

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

3900078 - Existing nc files

3900081 - Existing nc files
File : 3900081_Rtraj.nc - 3900081_meta.nc

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

R2900204_000.nc R2900204_010.nc R2900204_092.nc R2900204_179.nc R2900204_225.nc R2900204_345.nc R2900204_358.nc

R2900204_009.nc R2900204_088.nc R2900204_117.nc R2900204_223.nc R2900204_286.nc R2900204_352.nc R2900204_368.nc

11.10. MEDS

For some floats :

- traj file missing

See below the list of floats with existing nc files :

DAC name : meds – Number of floats : 472

11.11. NMDIS

For some floats :

-

See below the list of floats with existing nc files :

DAC name : nmdis – Number of floats : 19

12. Delayed Mode anomalies (adjusted fields) – date mode = 'A' or 'D'

Please also, have a look on the lists provided by John Gilson

12.1. AOML

12.2. BODC

- 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" ;

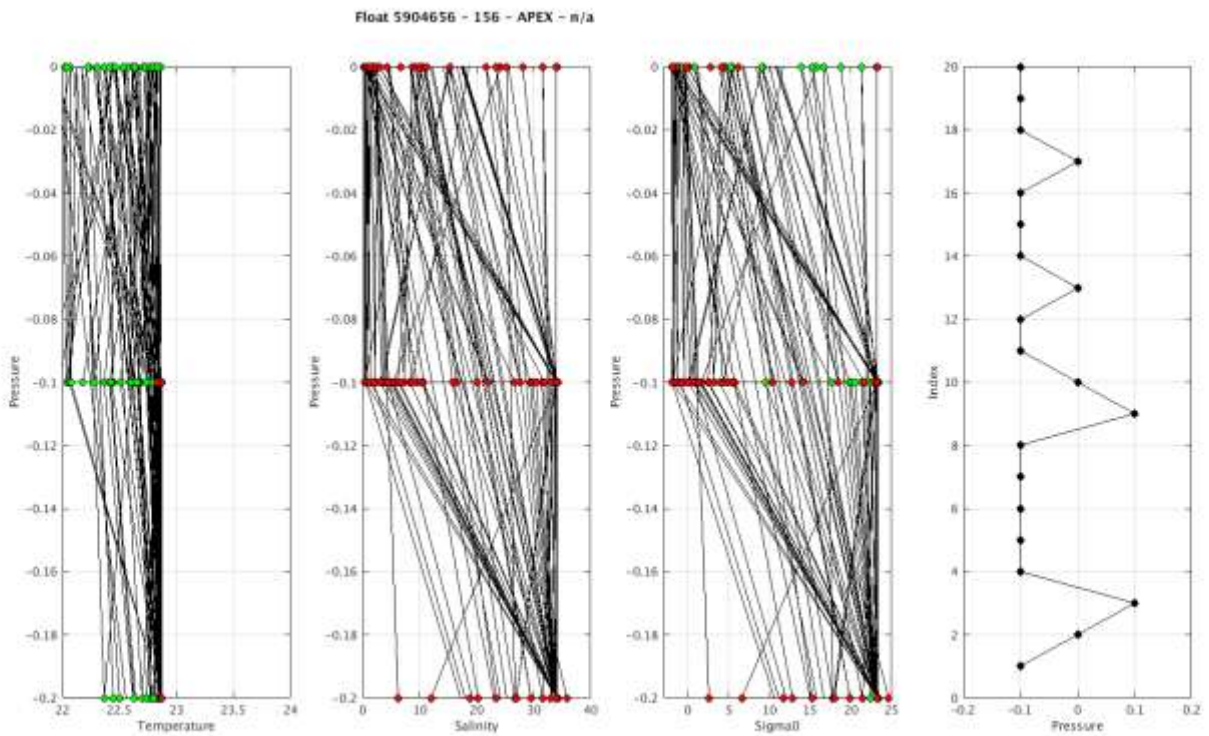
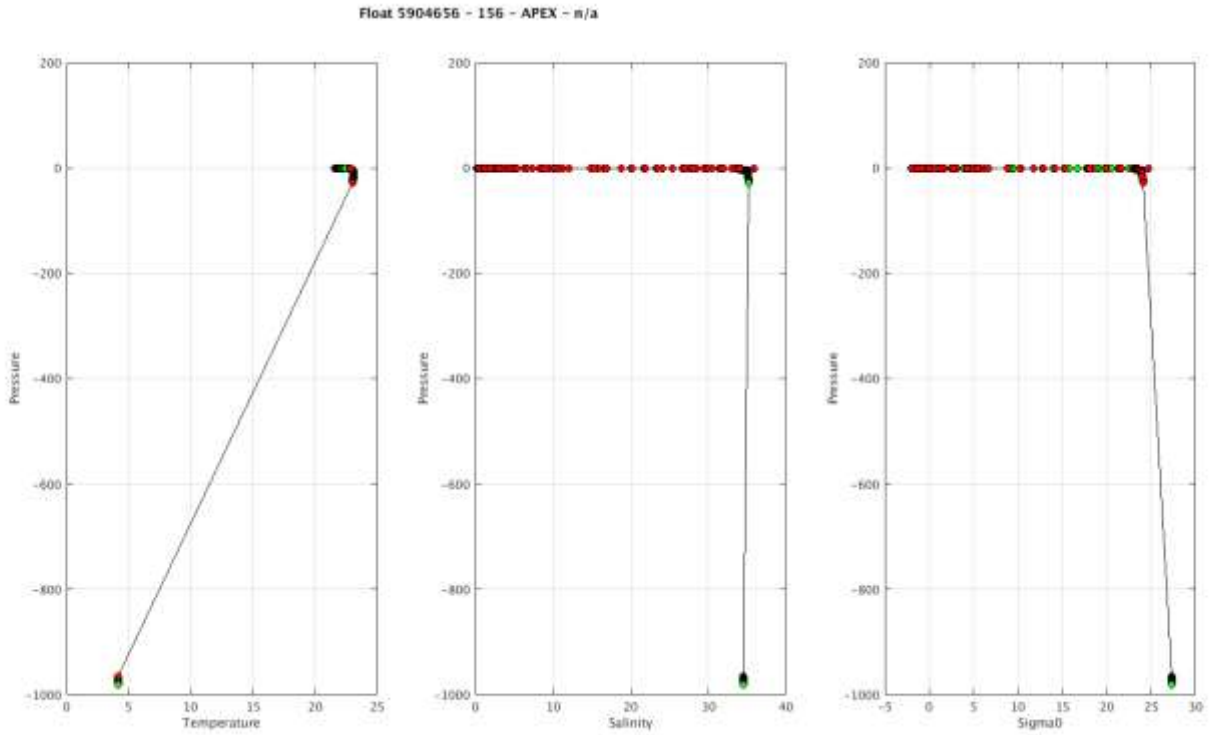
Name of the files R2901632_<cycle_number>.nc => D2901632_<cycle_number>.nc

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

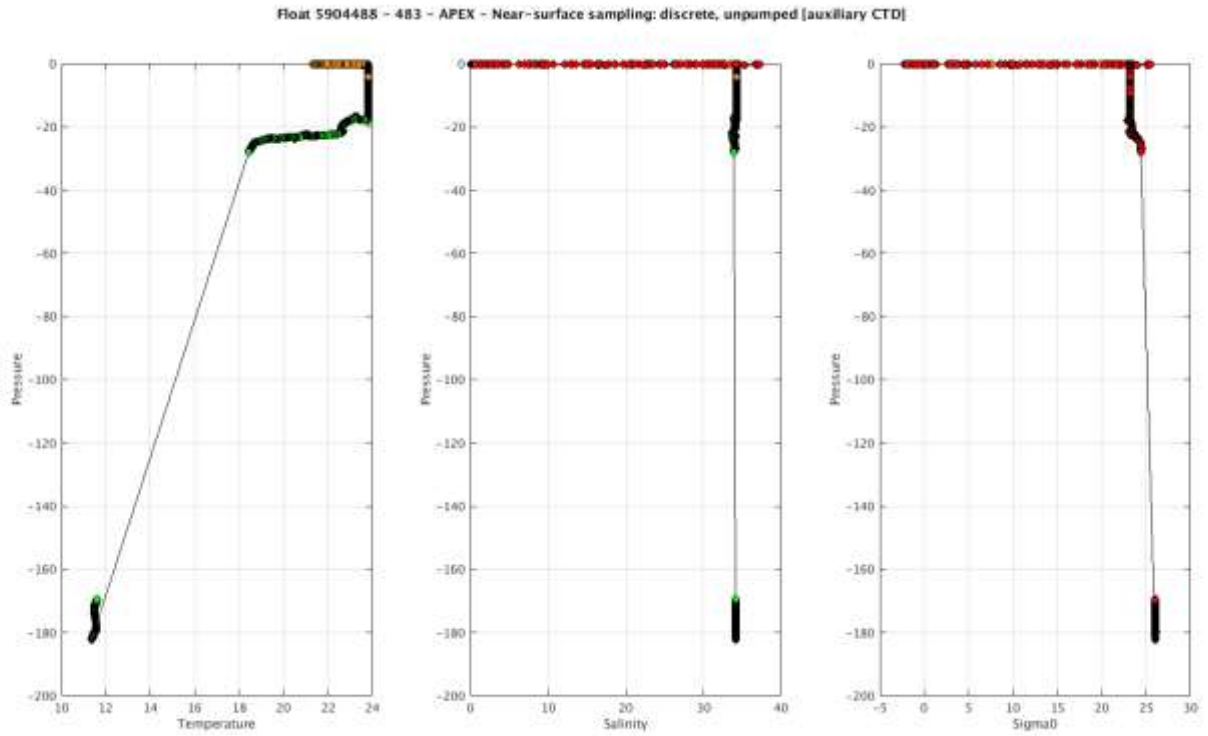
13. Automatic Tests (December 2017)

1. Near-surface sampling scheme

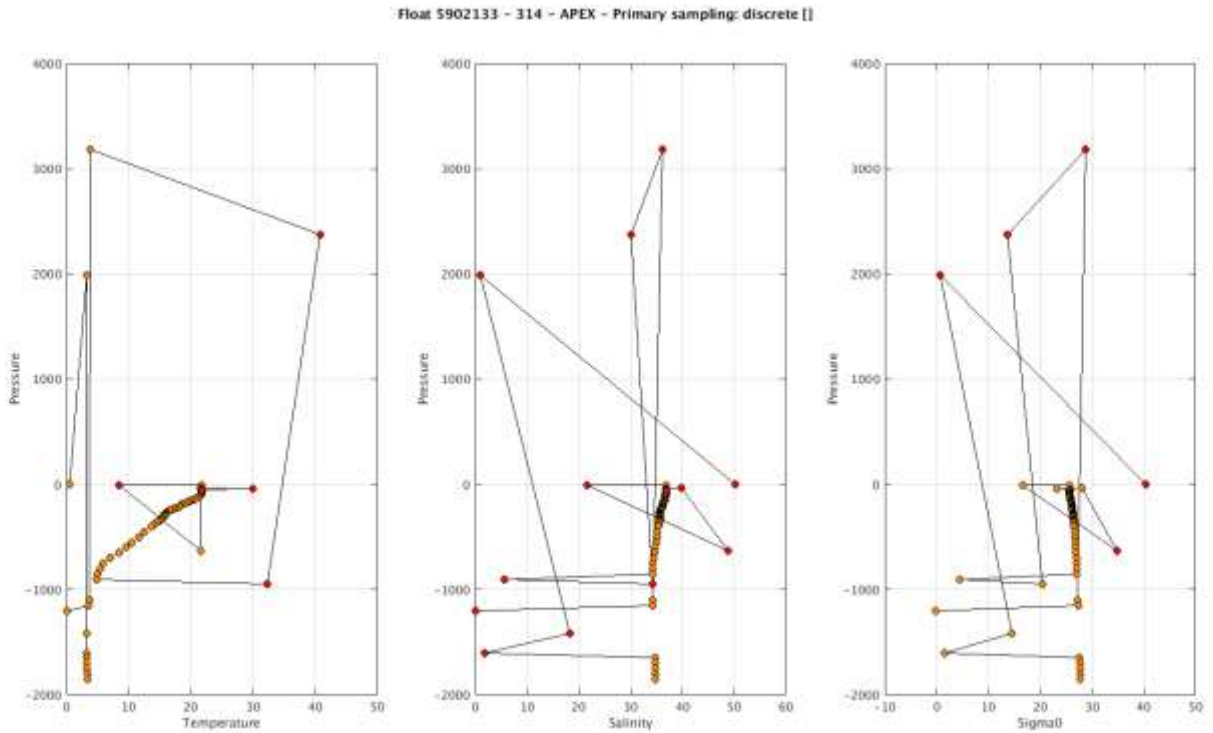
Some profiles with a sampling scheme corresponding to the near surface data show not appropriated QC on measurement. Following the Argo Quality control Manual for CTD and Trajectory data, there is 2 tests (test 21 and test 2) that should be applied to those specialized near-surface data. Especially, 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).



2. Strange profiles going through all the automatic tests :



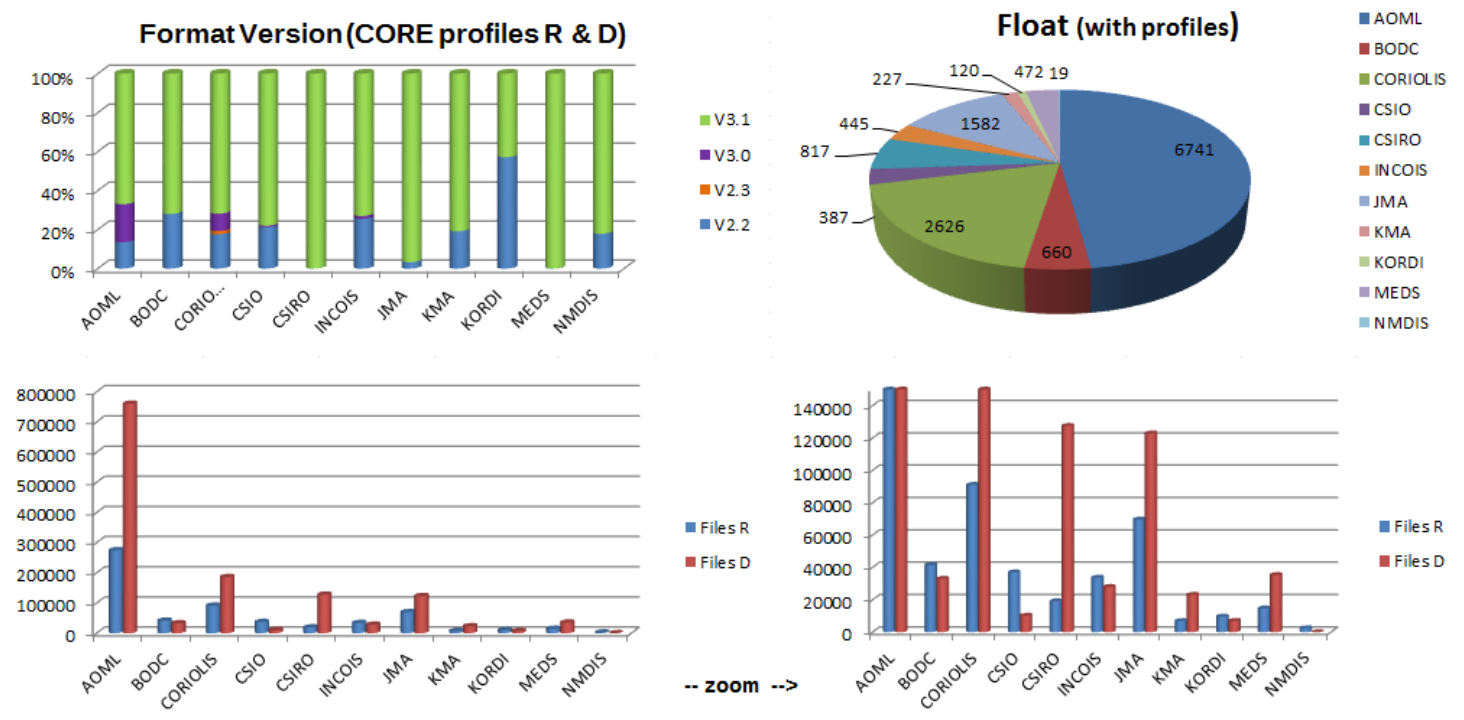
Profiles with strange groups of measurements like a strong decoding (may be some measurements should be in trajectory and not in the vertical profile).



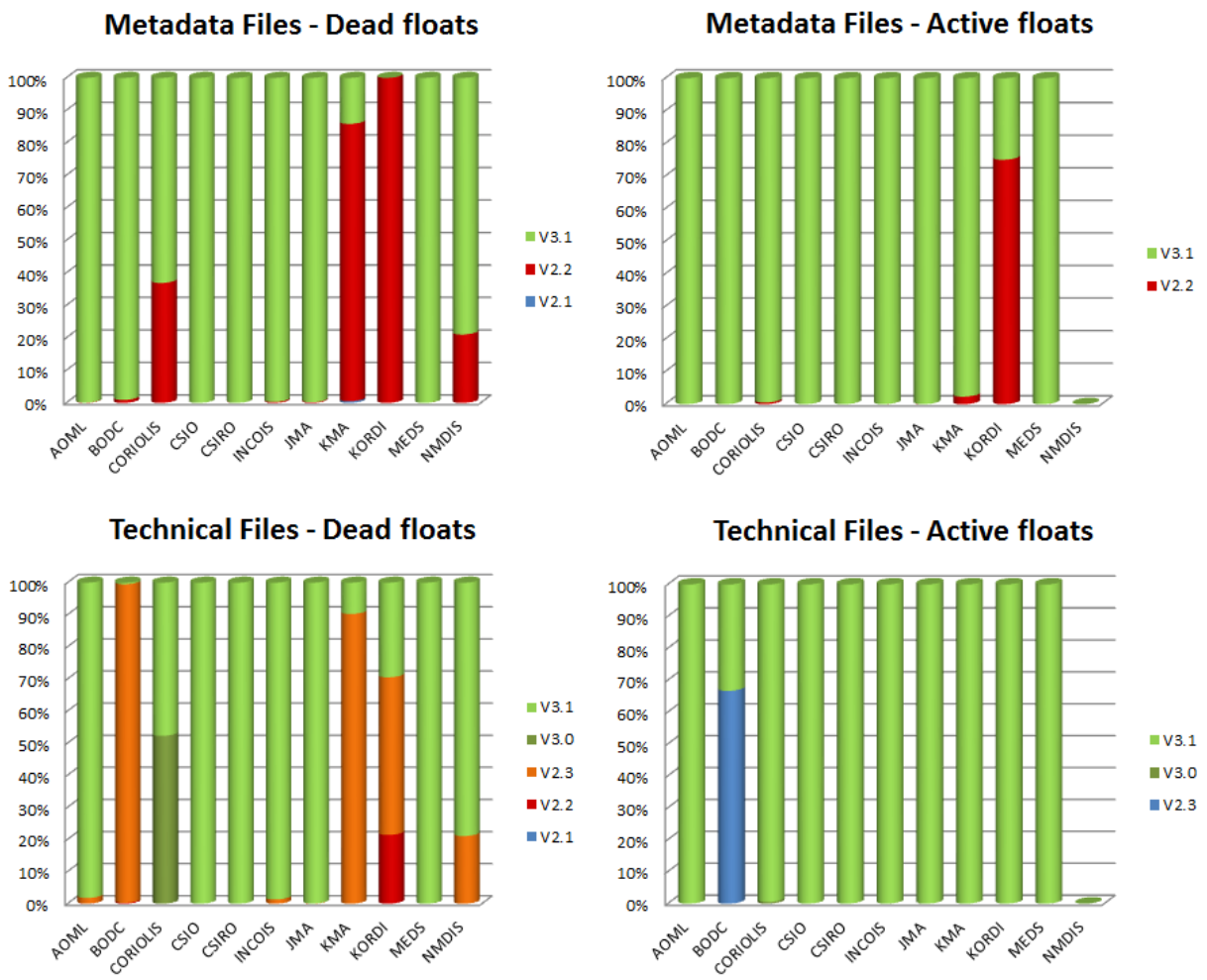
Problems of decoding

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

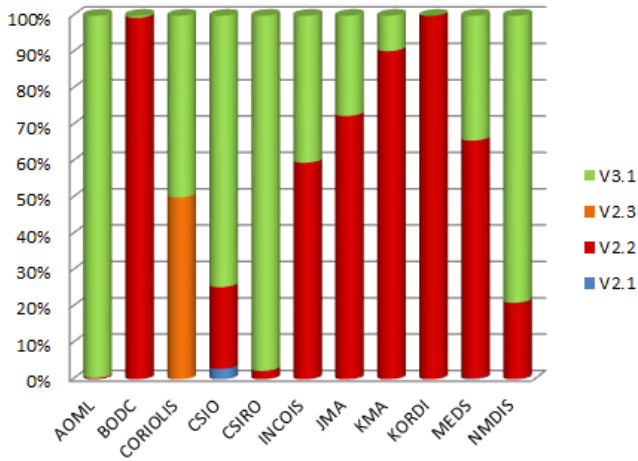
Plots showing format_version percentage, number of floats (with profiles), number of D and R files by DACs.



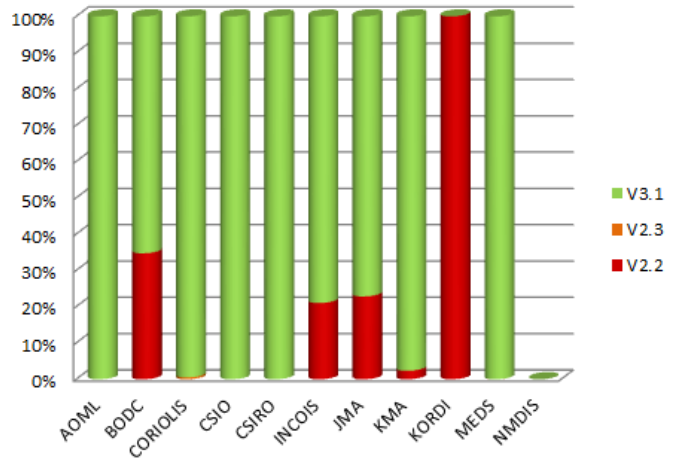
Plots showing format_version percentage, for metadata-technical-trajectory and core profiles following dead or active floats.



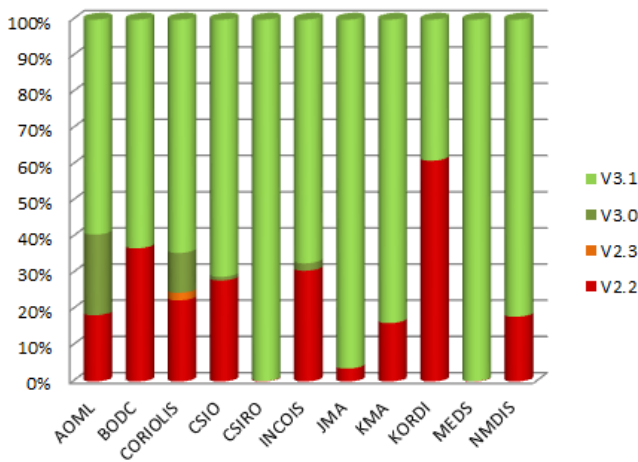
Trajectory Files - Dead floats



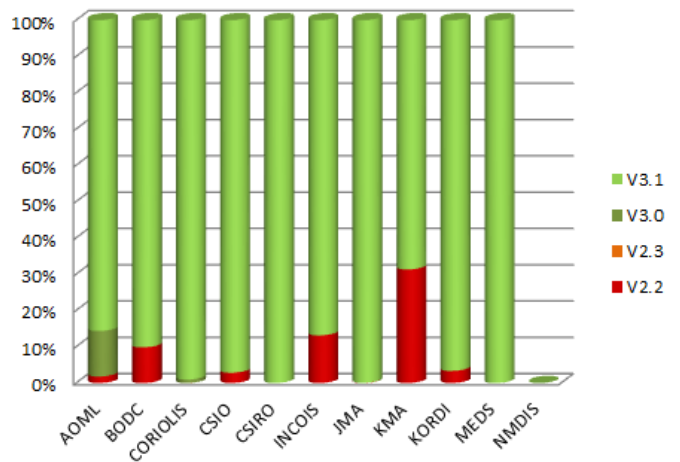
Trajectory Files - Active floats



Profile files - Dead floats

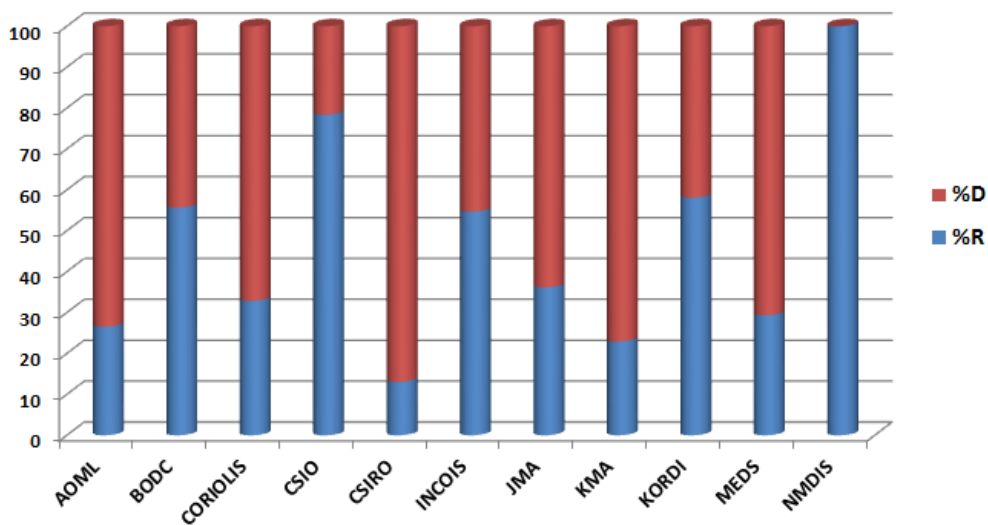


Profile Files - Active floats



Delayed mode percentage by DAC

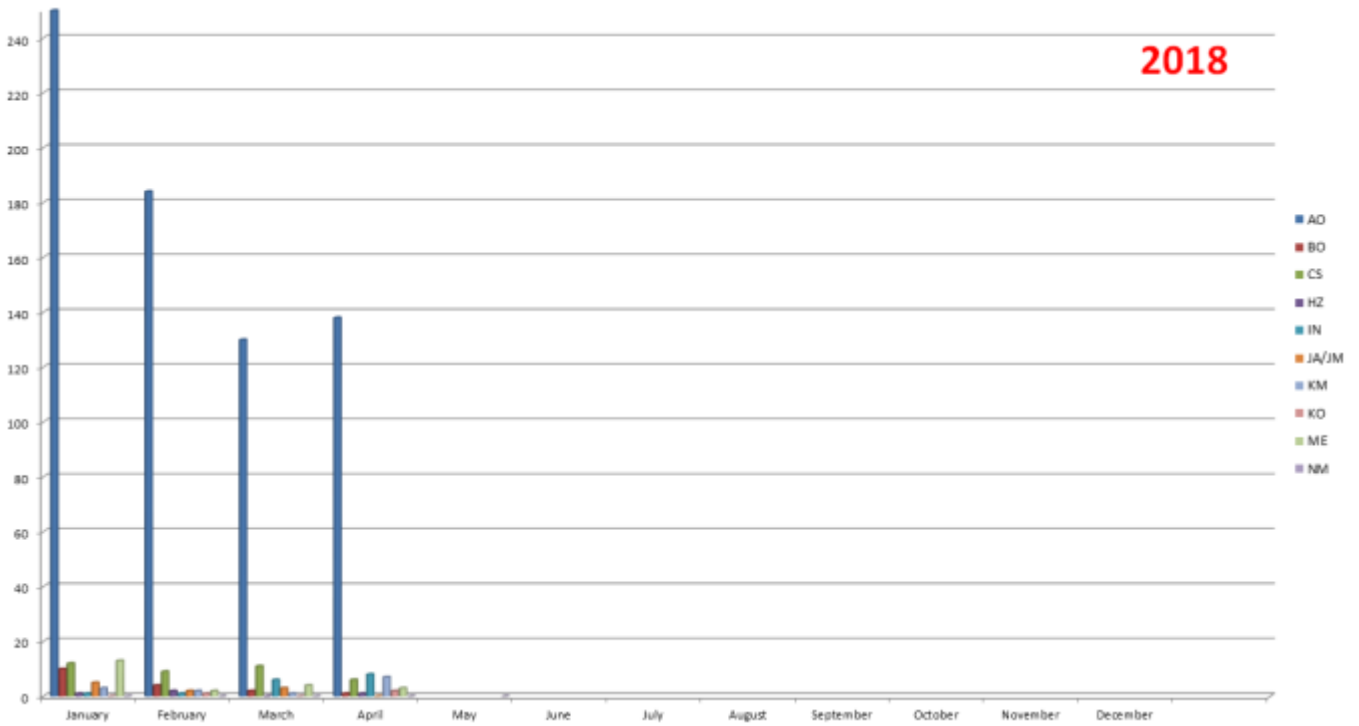
Percentage of DM and RT files by DAC



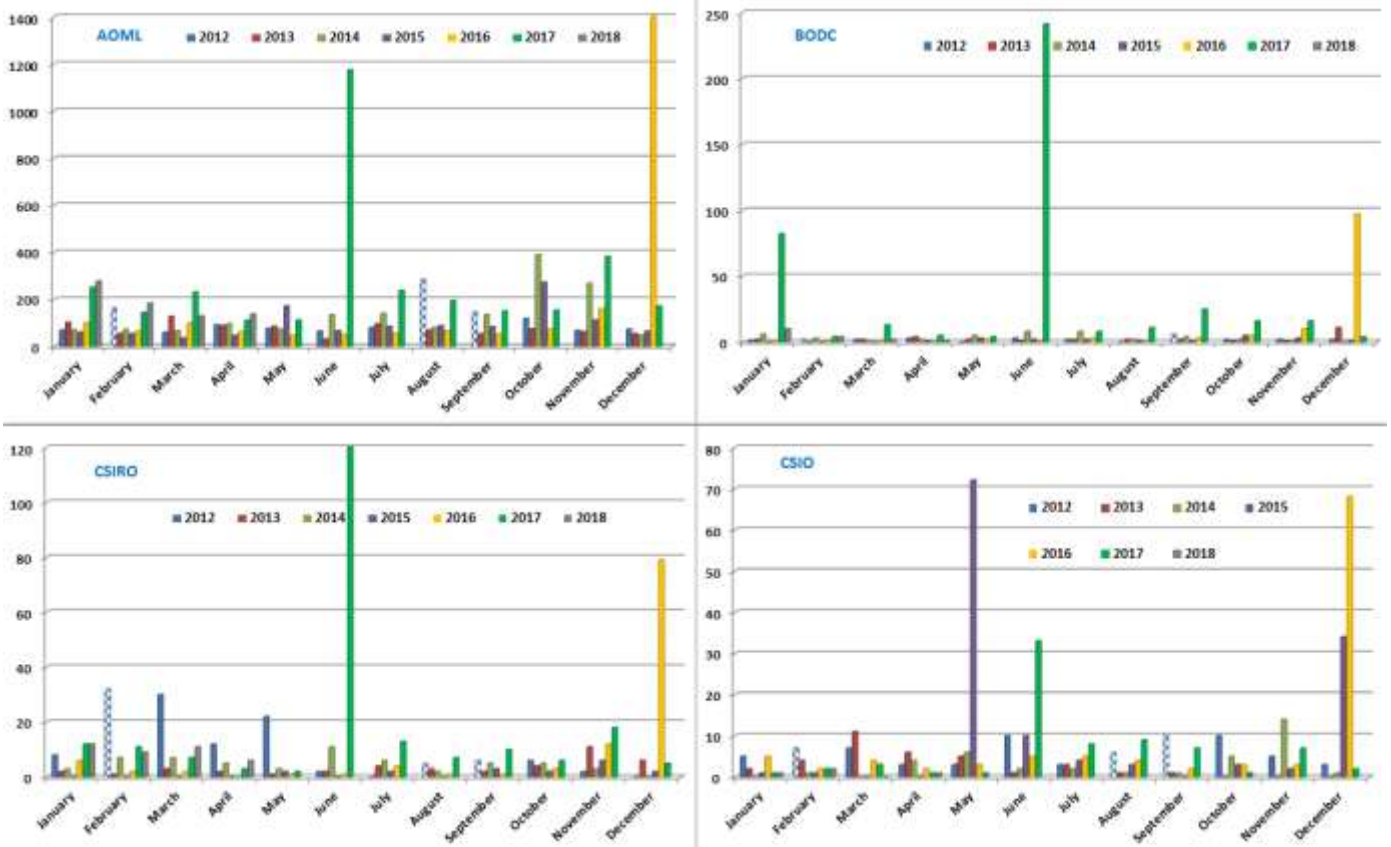
15. Statistics on anomalies

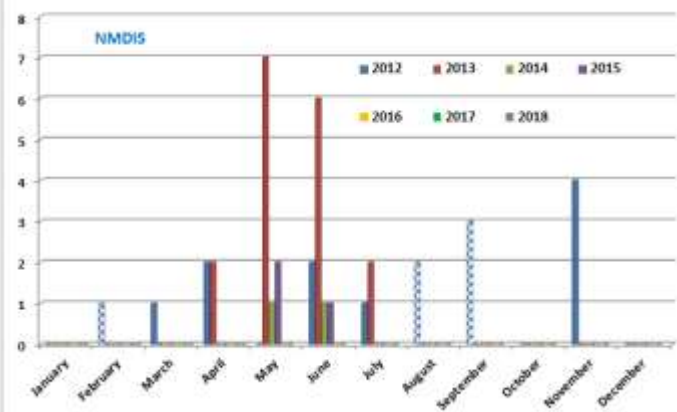
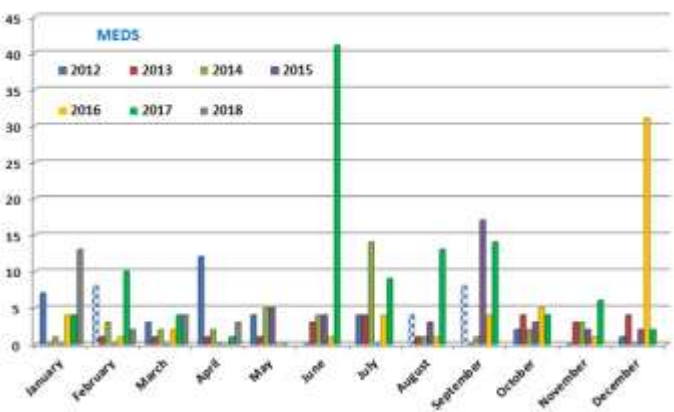
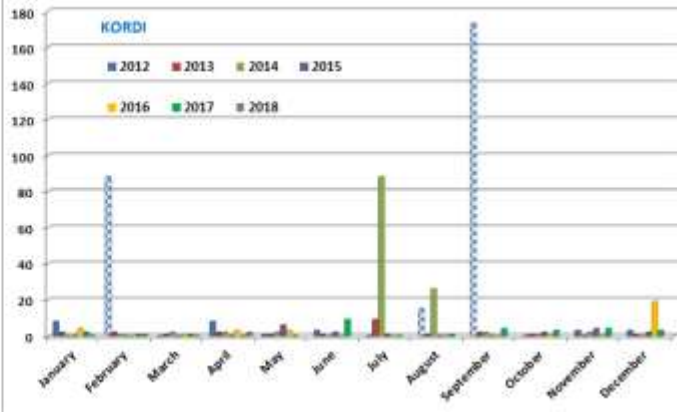
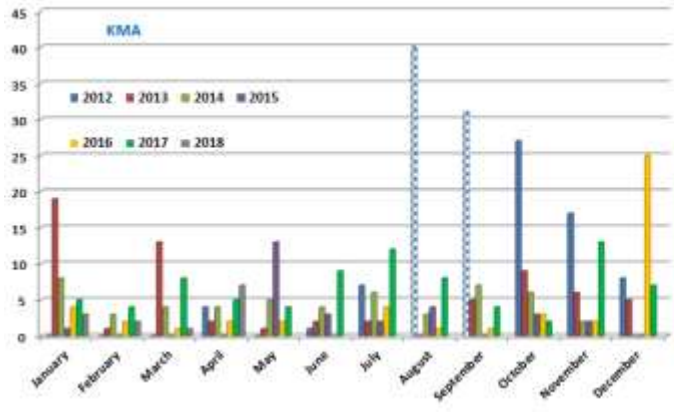
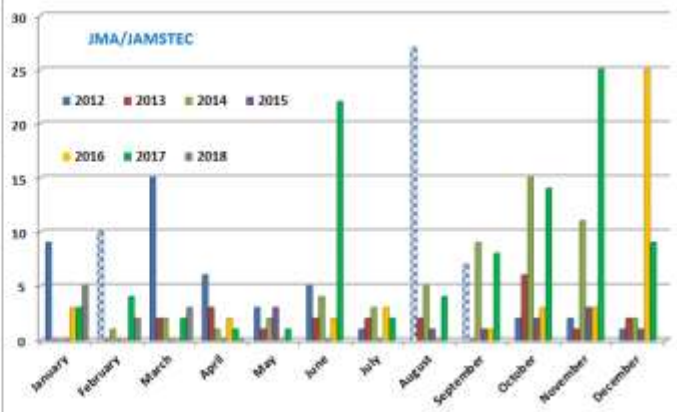
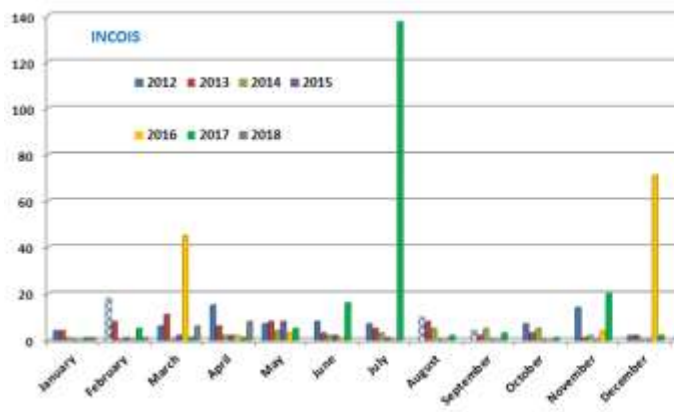
Plots showing evolution of number of anomalies by DAC.

15.1. Year



15.2. DAC





15.3. Anomalies by year, by month

