



Anomalies on Argo profiles

From warning objective analysis, netcdf file analysis

Format version

December 2017

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NOTES

NOVEMBER

§- (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_SCHE

ME

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

§ 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.

Anomalies by DAC

Summary

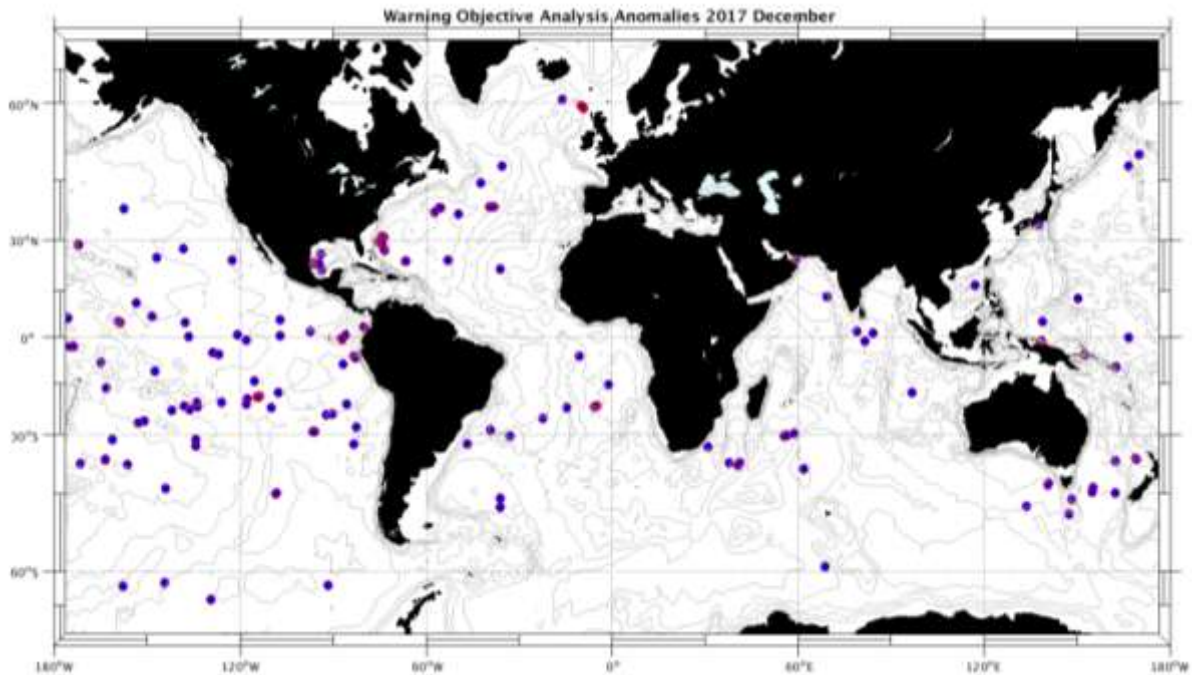
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1. DAC AOML

Profiles detected by the objective analysis: 171 profiles (139 floats, but floats can have several cycles with anomalies)

Data_mode ='R'	Data_mode ='A'	Data_mode ='D'
96 cycles	71 cycles	4 cycles

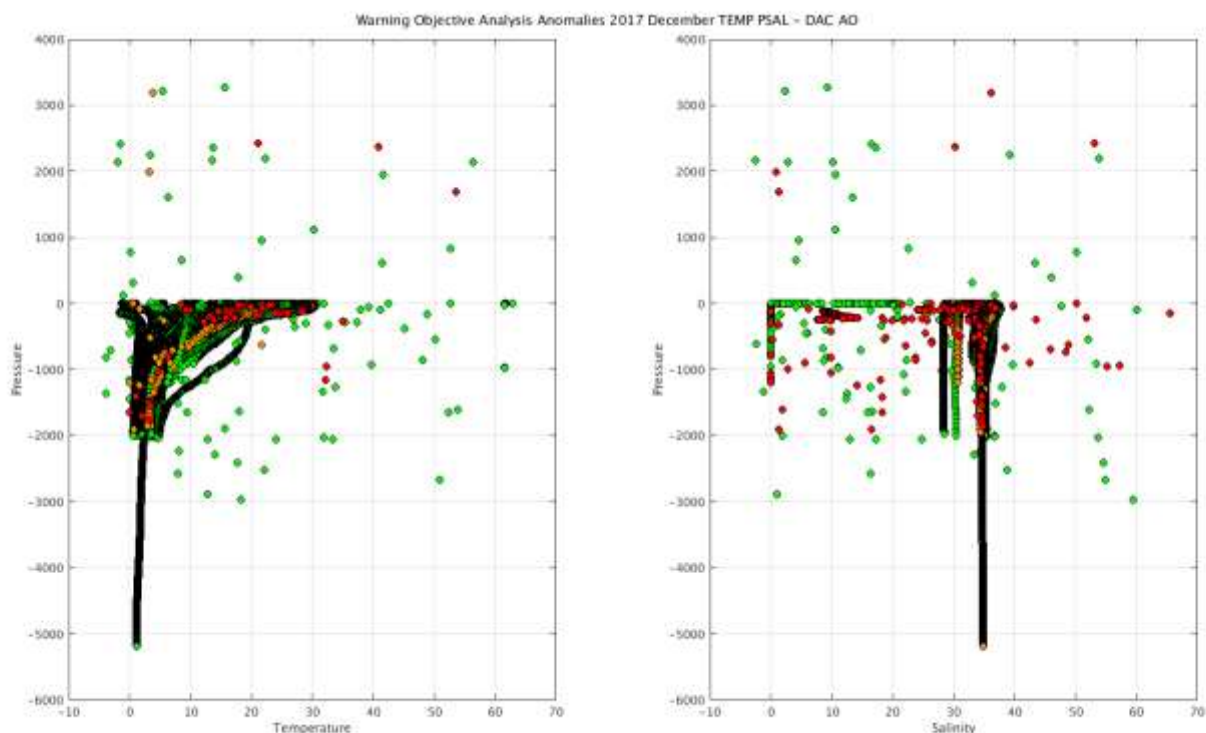


Status of corrections: Done for few profiles – still bad QC no corrected

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

- Float : 1901654 – Cycle : 154 – PI : BRECK OWENS, STEVE JAYNE, P.E. ROBBINS – Data mode : R – Platform type : SOLO_W – WMO inst type : 851 – FLOAT SERIAL : 1164 – Date : 2017 11 29
- Float : 1901654 – Cycle : 155 – PI : BRECK OWENS, STEVE JAYNE, P.E. ROBBINS – Data mode : R – Platform type : SOLO_W – WMO inst type : 851 – FLOAT SERIAL : 1164 – Date : 2017 12 9
- Float : 1901715 – Cycle : 131 – PI : BRECK OWENS, STEVEN JAYNE, P.E. ROBBINS – Data mode : R – Platform type : S2A – WMO inst type : 854 – FLOAT SERIAL : 7244 – Date : 2017 12 17
- Float : 1901811 – Cycle : 66 – PI : BRECK OWENS, STEVEN JAYNE, P.E. ROBBINS – Data mode : R – Platform type : S2A – WMO inst type : 854 – FLOAT SERIAL : 7323 – Date : 2017 11 28
- Float : 1901825 – Cycle : 39 – PI : BRECK OWENS, STEVEN JAYNE, P.E. ROBBINS – Data mode : R – Platform type : S2A – WMO inst type : 854 – FLOAT SERIAL : 7379 – Date : 2017 11 25
- Float : 1902034 – Cycle : 39 – PI : DEAN ROEMMICH – Data mode : R – Platform type : SOLO_II – WMO inst type : 853 – FLOAT SERIAL : 8502 – Date : 2017 11 21
- Float : 1902067 – Cycle : 37 – PI : BRECK OWENS, STEVEN JAYNE, P.E. ROBBINS – Data mode : R – Platform type : S2A – WMO inst type : 854 – FLOAT SERIAL : 7402 – Date : 2017 12 6
- Float : 1902067 – Cycle : 38 – PI : BRECK OWENS, STEVEN JAYNE, P.E. ROBBINS – Data mode : R – Platform type : S2A – WMO inst type : 854 – FLOAT SERIAL : 7402 – Date : 2017 12 16
- Float : 2901481 – Cycle : 146 – PI : CARL SZCZECZOWSKI – Data mode : A – Platform type : APEX – WMO inst type : 846 – FLOAT SERIAL : 6874 – Date : 2017 11 29
- Float : 2902386 – Cycle : 148 – PI : CARL SZCZECZOWSKI – Data mode : A – Platform type : APEX – WMO inst type : 846 – FLOAT SERIAL : 7564 – Date : 2017 10 7
- Float : 2902389 – Cycle : 78 – PI : BRECK OWENS, STEVEN JAYNE, P.E. ROBBINS – Data mode : R – Platform type : S2A – WMO inst type : 854 – FLOAT SERIAL : 7328 – Date : 2017 12 6
- Float : 2902394 – Cycle : 77 – PI : BRECK OWENS, STEVEN JAYNE, P.E. ROBBINS – Data mode : R – Platform type : S2A – WMO inst type : 854 – FLOAT SERIAL : 7322 – Date : 2017 12 12
- Float : 2902397 – Cycle : 77 – PI : BRECK OWENS, STEVEN JAYNE, P.E. ROBBINS – Data mode : R – Platform type : S2A – WMO inst type : 854 – FLOAT SERIAL : 7339 – Date : 2017 12 9
- Float : 3900541 – Cycle : 409 – PI : GREGORY C. JOHNSON – Data mode : A – Platform type : APEX – WMO inst type : 846 – FLOAT SERIAL : 2448 – Date : 2017 12 4
- Float : 3900776 – Cycle : 260 – PI : GREGORY C. JOHNSON – Data mode : D – Platform type : APEX – WMO inst type : 846 – FLOAT SERIAL : 4647 – Date : 2017 10 20
- Float : 3900776 – Cycle : 265 – PI : GREGORY C. JOHNSON – Data mode : A – Platform type : APEX – WMO inst type : 846 – FLOAT SERIAL : 4647 – Date : 2017 12 12
- Float : 3900840 – Cycle : 208 – PI : BRECK OWENS – Data mode : R – Platform type : S2A – WMO inst type : 854 – FLOAT SERIAL : 7031 – Date : 2017 12 4
- Float : 3901056 – Cycle : 116 – PI : PRITHA TUTASI – Data mode : R – Platform type : S2A – WMO inst type : 854 – FLOAT SERIAL : 7195 – Date : 2017 12 20
- Float : 3901064 – Cycle : 84 – PI : BRECK OWENS, STEVEN JAYNE, P.E. ROBBINS – Data mode : R – Platform type : S2A – WMO inst type : 854 – FLOAT SERIAL : 7281 – Date : 2017 11 27
- Float : 3901064 – Cycle : 85 – PI : BRECK OWENS, STEVEN JAYNE, P.E. ROBBINS – Data mode : R – Platform type : S2A – WMO inst type : 854 – FLOAT SERIAL : 7281 – Date : 2017 12 7
- Float : 3901064 – Cycle : 86 – PI : BRECK OWENS, STEVEN JAYNE, P.E. ROBBINS – Data mode : R – Platform type : S2A – WMO inst type : 854 – FLOAT SERIAL : 7281 – Date : 2017 12 17

Float : 5904591 – Cycle : 89 – PI : GREGORY C. JOHNSON – Data mode : A – Platform type : NAVIS_A – WMO inst type : 863 – FLOAT SERIAL : 0482 – Date : 2017 11 17
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 Float : 5904615 – Cycle : 82 – PI : STEPHEN RISER – Data mode : A – Platform type : APEX – WMO inst type : 846 – FLOAT SERIAL : 6117 – Date : 2017 12 5
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 Float : 5904692 – Cycle : 121 – PI : STEPHEN RISER – Data mode : A – Platform type : APEX – WMO inst type : 846 – FLOAT SERIAL : 7445 – Date : 2017 12 1
 Float : 5904718 – Cycle : 69 – PI : GREGORY C. JOHNSON – Data mode : A – Platform type : NAVIS_A – WMO inst type : 863 – FLOAT SERIAL : 0503 – Date : 2017 12 8
 Float : 5904718 – Cycle : 70 – PI : GREGORY C. JOHNSON – Data mode : A – Platform type : NAVIS_A – WMO inst type : 863 – FLOAT SERIAL : 0503 – Date : 2017 12 18
 Float : 5904719 – Cycle : 66 – PI : GREGORY C. JOHNSON – Data mode : D – Platform type : NAVIS_A – WMO inst type : 863 – FLOAT SERIAL : 0504 – Date : 2017 12 6
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 Float : 5904770 – Cycle : 112 – PI : STEPHEN RISER – Data mode : A – Platform type : APEX – WMO inst type : 846 – FLOAT SERIAL : 7447 – Date : 2017 12 5
 Float : 5904770 – Cycle : 113 – PI : STEPHEN RISER – Data mode : A – Platform type : APEX – WMO inst type : 846 – FLOAT SERIAL : 7447 – Date : 2017 12 10
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 Float : 5905137 – Cycle : 643 – PI : STEPHEN RISER – Data mode : A – Platform type : APEX – WMO inst type : 846 – FLOAT SERIAL : 7893 – Date : 2017 12 17
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 Float : 5905264 – Cycle : 0 – PI : DEAN ROEMMICH – Data mode : R – Platform type : SOLO_II – WMO inst type : 853 – FLOAT SERIAL : 8625 – Date : 2017 12 10
 Float : 5905265 – Cycle : 0 – PI : PHIL SUTTON – Data mode : R – Platform type : SOLO_II – WMO inst type : 853 – FLOAT SERIAL : 8597 – Date : 2017 12 10
 Float : 5905284 – Cycle : 16 – PI : GREGORY C. JOHNSON – Data mode : A – Platform type : NAVIS_A – WMO inst type : 863 – FLOAT SERIAL : 0786 – Date : 2017 11 27
 Float : 6900382 – Cycle : 202 – PI : CARL SZCZECOWSKI – Data mode : A – Platform type : APEX – WMO inst type : 846 – FLOAT SERIAL : 6882 – Date : 2017 12 1
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 Float : 7900297 – Cycle : 97 – PI : DEAN ROEMMICH – Data mode : R – Platform type : SOLO_II – WMO inst type : 853 – FLOAT SERIAL : 8357 – Date : 2017 12 4



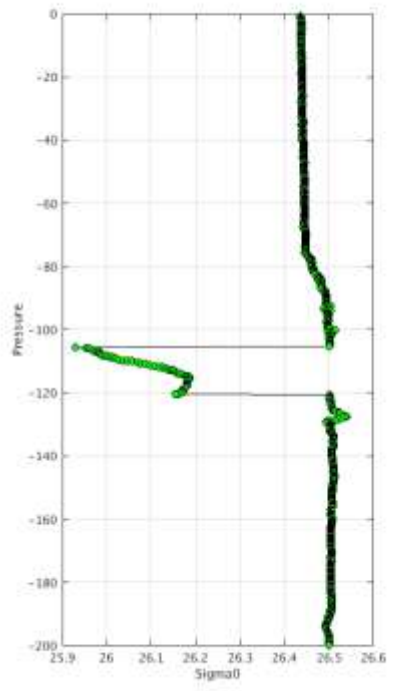
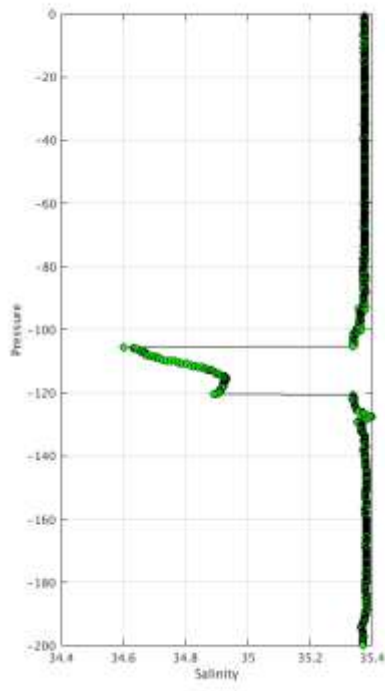
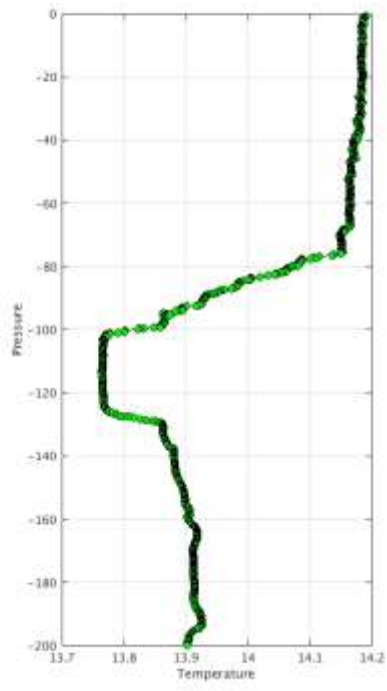
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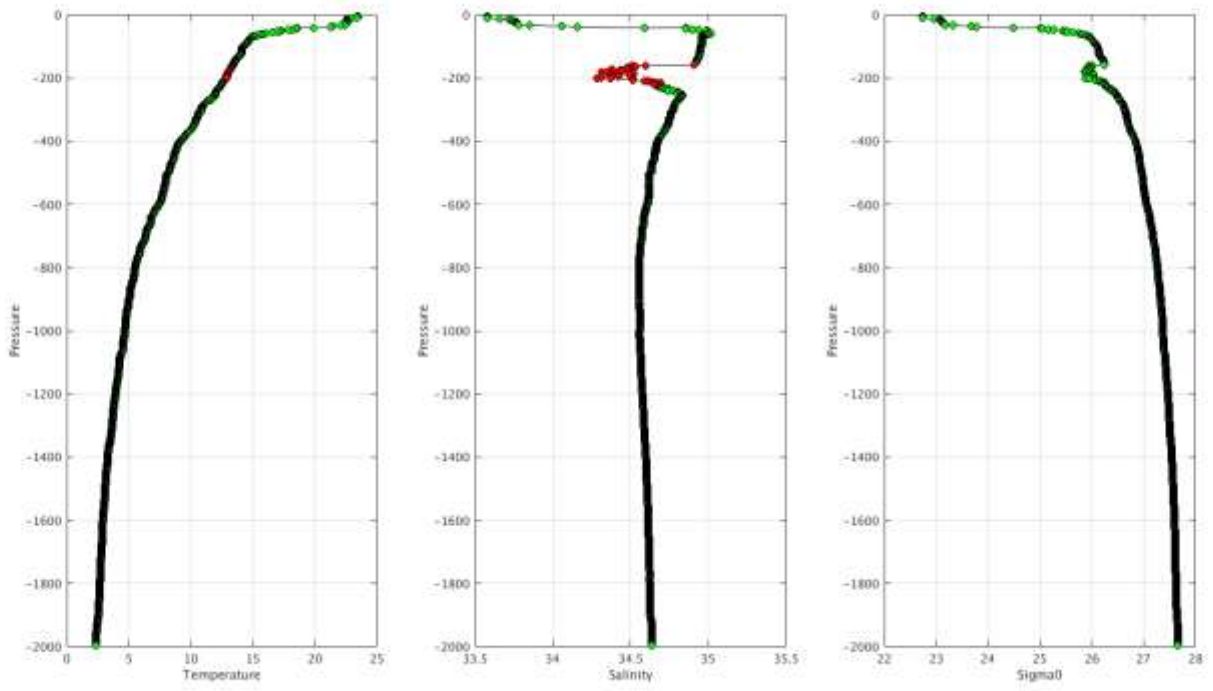
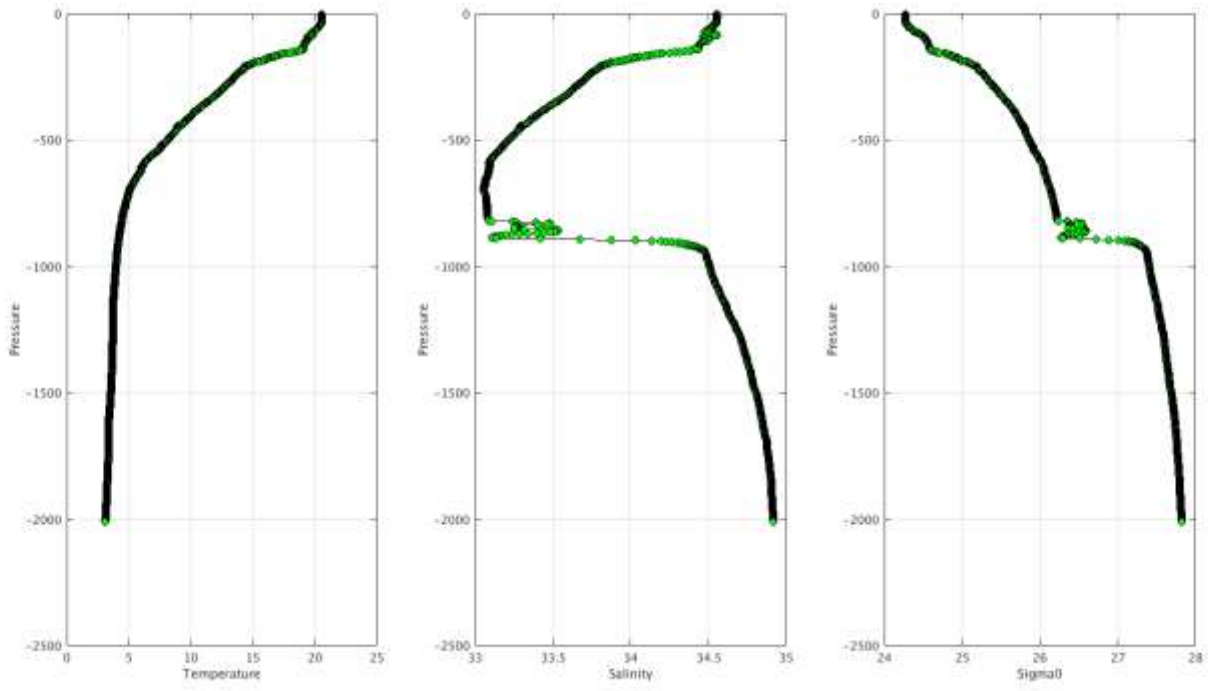
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AO,1901715,131,17/12/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=54476074 ,PSAL,68,1014,4,1,3,Near-surface sampling
AO,1901811,66,08/12/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=54359977 ,PSAL,64,2003.36,1,3,Near-surface sampling
AO,1901825,39,06/12/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=54351247 ,PSAL,324,324,1,4,Primary sampling
AO,1902034,39,01/12/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=54329869 ,PSAL,105.92,120.4,1,4,Near-surface sampling
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AO,1902067,38,16/12/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=54472878 ,PSAL,52,2014.16,1,3,Near-surface sampling
AO,1901481,146,29/11/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=54363240 ,TEMP,412.8,450.1,1,4,Primary oriolis
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AO,3900541,409,05/12/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=54386348 ,PSAL,1203.7,1203.7,1,4,Primary sampling
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AO,3901111,86,15/12/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=54464094 ,PSAL,1.16,2009.88,1,3,Primary sampling
AO,3901111,86,15/12/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=54464095 ,PSAL,8,2008.32,1,3,Near-surface sampling
AO,3901157,166,04/10/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53926812 ,PSAL,106,110,1,3,Primary sampling
AO,3901157,166,04/10/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53926812 ,PSAL,126,134,1,4,Primary sampling
AO,3901157,166,04/10/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53926812 ,PSAL,138,144,1,4,Primary sampling
AO,3901182,136,12/12/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=54436569 ,PSAL,34,1104,1,4,Primary sampling
AO,3901182,136,12/12/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=54436569 ,PSAL_ADJUSTED,34,1116,1,4,Primary sampling
AO,3901184,136,06/12/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=54403842 ,PSAL,4.3,2002.2,1,3,Primary sampling
AO,3901184,136,06/12/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=54403842 ,PSAL_ADJUSTED,4.3,2002.2,1,3,Primary sampling
AO,3901184,137,16/12/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=54472887 ,PSAL,2.9,1957.9,1,3,Primary sampling
AO,3901184,137,16/12/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=54472887 ,PSAL_ADJUSTED,2.9,1957.9,1,3,Primary sampling
AO,3901199,91,07/12/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=54414686 ,PSAL_ADJUSTED,2.9,1988.2,1,3,Primary sampling
AO,3901199,92,17/12/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=54475786 ,PSAL_ADJUSTED,2.9,2003.4,1,3,Primary sampling
AO,3901202,65,11/12/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=54433603 ,PSAL,168,168,1,4,Primary sampling
AO,3901202,65,11/12/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=54433603 ,PSAL,174,174,1,4,Primary sampling
AO,3901202,65,11/12/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=54433603 ,PSAL,182,188,1,4,Primary sampling
AO,3901202,65,11/12/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=54433603 ,PSAL,200,222,1,4,Primary sampling
AO,3901202,65,11/12/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=54433603 ,PSAL_ADJUSTED,168,168,1,4,Primary sampling
AO,3901202,65,11/12/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=54433603 ,PSAL_ADJUSTED,174,174,1,4,Primary sampling
AO,3901202,65,11/12/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=54433603 ,PSAL_ADJUSTED,182,188,1,4,Primary sampling
AO,3901202,65,11/12/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=54433603 ,PSAL_ADJUSTED,200,222,1,4,Primary sampling
AO,3901206,103,09/12/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=54417903 ,PSAL,664.04,669.92,1,4,Primary sampling
AO,3901226,86,14/12/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=54451836 ,PSAL,1.2,2012,1,3,Primary sampling
AO,3901226,86,14/12/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=54451837 ,PSAL,8,2010.88,1,3,Near-surface sampling
AO,3901249,37,03/12/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=54383704 ,PSAL,137.56,199.88,1,3,Near-surface sampling
AO,3901249,37,06/12/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=54383704 ,PSAL,64,199.88,1,3,Near-surface sampling
AO,3901250,37,03/12/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=54383473 ,PSAL,56,74.04,1,3,Near-surface sampling
AO,3901261,130,17/12/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=54434297 ,PSAL,188,188,1,4,Primary sampling
AO,3901261,130,17/12/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=54434297 ,PSAL,206,210,1,4,Primary sampling
AO,3901261,130,17/12/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=54434297 ,PSAL,236,249.96,1,4,Primary sampling
AO,3901261,131,17/12/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=54473547 ,PSAL,157.96,172,1,4,Primary sampling
AO,3901261,131,17/12/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=54473547 ,PSAL,178,178,1,4,Primary sampling
AO,3901262,128,02/12/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=54381166 ,PSAL,1.16,1018,1,3,Primary sampling
AO,3901262,128,07/12/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=54381166 ,PSAL,1.16,1018,1,3,Primary sampling

AO,5905264,0,11/12/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=54434088 ,PSAL,.64,.64,1,3,Near-surface sampling
AO,5905264,0,11/12/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=54434088 ,PSAL,1.2,3.68,1,3,Near-surface sampling
AO,5905264,0,11/12/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=54434088 ,PSAL,4.36,4.84,1,3,Near-surface sampling
AO,5905265,0,11/12/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=54434092 ,PSAL,.2,.2,1,4,Near-surface sampling
AO,5905265,0,11/12/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=54434092 ,PSAL,.88,1.12,1,3,Near-surface sampling
AO,5905265,0,11/12/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=54434092 ,PSAL,1.64,3.1,3,Near-surface sampling
AO,5905265,0,11/12/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=54434092 ,PSAL,3.84,4.88,1,3,Near-surface sampling
AO,5905284,16,27/11/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=54357208 ,PSAL,356,392,1,4,Primary sampling
AO,5905284,16,27/11/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=54357208 ,PSAL,436,448,1,4,Primary sampling
AO,5905284,16,27/11/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=54357208 ,PSAL_ADJUSTED,358,392,1,4,Primary sampling
AO,5905284,16,27/11/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=54357208 ,PSAL_ADJUSTED,438,448,1,4,Primary sampling
AO,6900382,202,01/12/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=54377608 ,PSAL,4.9,65.5,1,3,Primary sampling
AO,6900382,202,01/12/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=54377608 ,PSAL,90.5,1000.2,1,4,Primary sampling
AO,6900382,202,01/12/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=54377608 ,PSAL_ADJUSTED,4.9,65.5,1,3,Primary sampling
AO,6900382,202,01/12/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=54377608 ,PSAL_ADJUSTED,90.5,1000.2,1,4,Primary sampling
AO,6900382,203,05/12/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=54389551 ,PSAL,5.7,70.5,1,3,Primary sampling
AO,6900382,203,05/12/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=54389551 ,PSAL,94.8,1196.6,1,3,Primary sampling
AO,6900382,203,05/12/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=54389551 ,PSAL_ADJUSTED,5.7,70.5,1,3,Primary sampling
AO,6900382,203,05/12/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=54389551 ,PSAL_ADJUSTED,94.8,1196.6,1,3,Primary sampling
AO,6900382,204,10/12/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=54420407 ,PSAL,5.5,1200.2,1,3,Primary sampling
AO,6900382,204,10/12/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=54420407 ,PSAL_ADJUSTED,5.5,1200.2,1,3,Primary sampling
AO,6900382,205,13/12/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=54451313 ,PSAL,3.9,1098.7,1,3,Primary sampling
AO,6900382,205,13/12/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=54451313 ,PSAL_ADJUSTED,3.9,1098.7,1,3,Primary sampling
AO,6900382,206,17/12/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=54475918 ,PSAL,4,79.7,1,3,Primary sampling
AO,6900382,206,17/12/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=54475918 ,PSAL,95.3,1099.2,1,3,Primary sampling
AO,6900382,206,17/12/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=54475918 ,PSAL_ADJUSTED,4,79.7,1,3,Primary sampling
AO,6900382,206,17/12/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=54475918 ,PSAL_ADJUSTED,95.3,1099.2,1,3,Primary sampling
AO,7900066,177,06/12/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=54404248 ,PSAL,1.2,1.2,1,3,Near-surface sampling
AO,7900211,105,12/12/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=54436678 ,PSAL,.84,.84,1,3,Near-surface sampling
AO,7900297,97,05/12/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=54386958 ,PSAL,132.04,160,1,4,Primary sampling
AO,7900297,97,05/12/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=54386958 ,PSAL,168,182,1,4,Primary sampling
AO,7900297,97,05/12/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=54386958 ,PSAL,192,198,1,4,Primary sampling
AO,7900297,97,05/12/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=54386958 ,PSAL,204.04,204.04,1,4,Primary sampling
AO,7900297,97,05/12/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=54386958 ,PSAL,215.96,230.04,1,4,Primary sampling
AO,7900297,97,05/12/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=54386958 ,PSAL,258,262,1,4,Primary sampling
AO,7900297,97,15/12/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=54386958 ,PSAL,136,160,1,4,Primary sampling
AO,7900297,97,15/12/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=54386958 ,PSAL,168,182,1,4,Primary sampling
AO,7900297,97,15/12/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=54386958 ,PSAL,192,198,1,4,Primary sampling
AO,7900297,97,15/12/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=54386958 ,PSAL,204.04,204.04,1,4,Primary sampling
AO,7900297,97,15/12/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=54386958 ,PSAL,215.96,262,1,4,Primary sampling
AO,7900297,97,15/12/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=54386958 ,PSAL,268,278,1,4,Primary sampling
AO,7900297,97,15/12/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=54386958 ,PSAL,70,86,1,4,Primary sampling

APEX to put on the grey list:

Example of corrections:

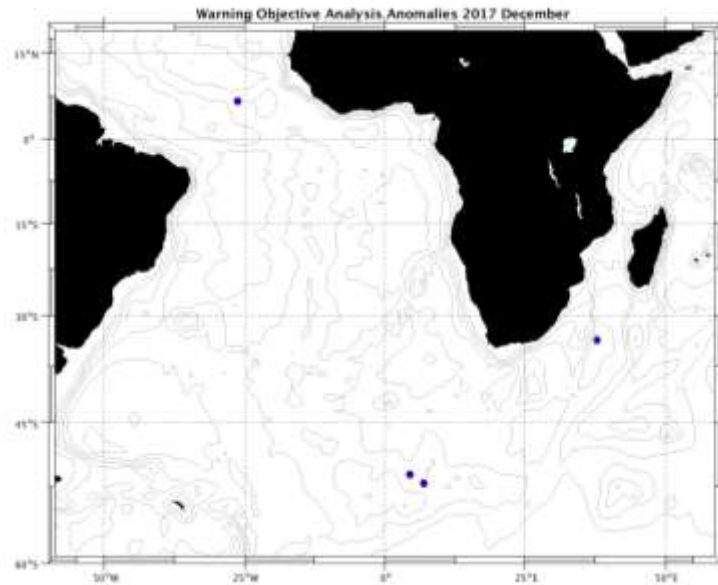




2. DAC BODC

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

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



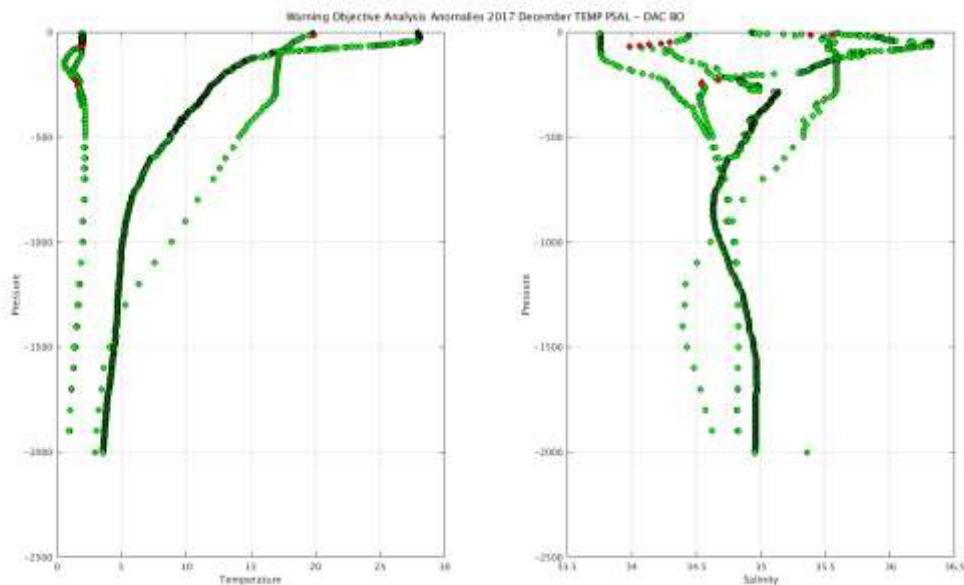
Status of corrections: Correction done, feedback.

Float : 1901300 – Cycle : 173 – PI : Jon Turton – Data mode : A – INST REF : APEX-SBE 5590 – Date : 2017 12 5

Float : 1901305 – Cycle : 172 – PI : Jon Turton – Data mode : A – INST REF : APEX-SBE 6242 – Date : 2017 11 29

Float : 1901305 – Cycle : 174 – PI : Jon Turton – Data mode : A – INST REF : APEX-SBE 6242 – Date : 2017 12 19

Float : 3901954 – Cycle : 6 – PI : Andy Rees – Data mode : R – Platform type : ARVOR – WMO inst type : 844 – FLOAT SERIAL : AI2600-16FR097 – Date : 2017 11 30



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

BO,1901300,173,06/12/2017 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=54401486> ,PSAL,20,20,1,4,

BO,1901300,173,06/12/2017 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=54401486> ,PSAL,2000.5,2000.5,1,4,

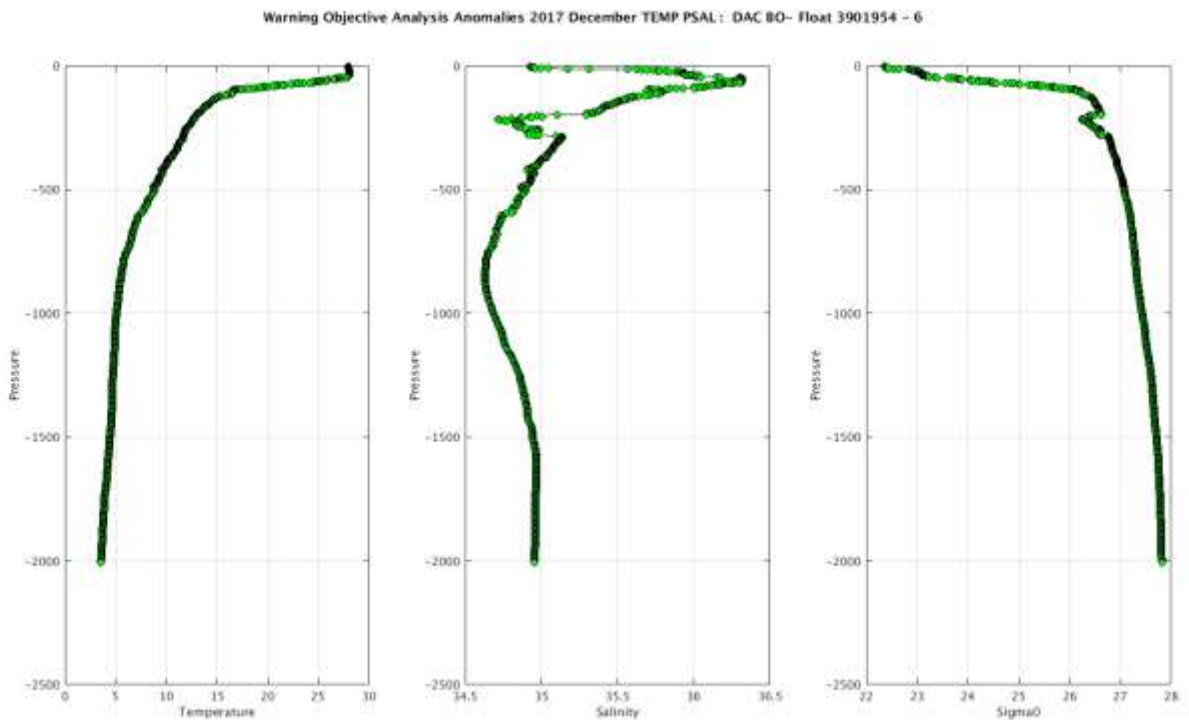
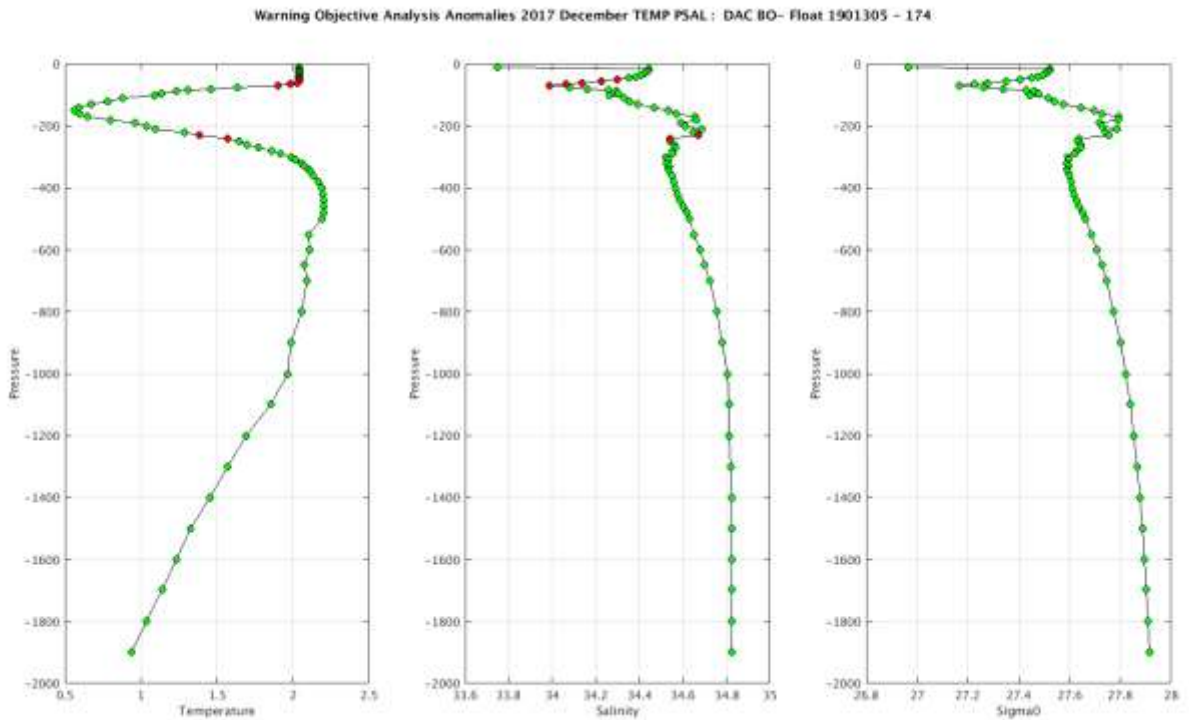
BO,1901300,173,06/12/2017 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=54401486> ,PSAL_ADJUSTED,20,20,1,4,

BO,1901300,173,06/12/2017 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=54401486> ,PSAL_ADJUSTED,2000.5,2000.5,1,4,

BO,1901305,172,29/11/2017 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=54363110> ,PSAL,9.7,1899.3,1,3,

BO,1901305,172,29/11/2017 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=54363110> ,PSAL_ADJUSTED,9.7,1899.3,1,3,
 BO,1901305,174,19/12/2017 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=54481729> ,PSAL,100.4,100.4,1,4,
 BO,1901305,174,19/12/2017 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=54481729> ,PSAL,160.1,220.5,1,4,
 BO,1901305,174,19/12/2017 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=54481729> ,PSAL,75.5,79.8,1,4,
 BO,1901305,174,19/12/2017 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=54481729> ,PSAL_ADJUSTED,100.4,100.4,1,4,
 BO,1901305,174,19/12/2017 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=54481729> ,PSAL_ADJUSTED,160.1,220.5,1,4,
 BO,1901305,174,19/12/2017 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=54481729> ,PSAL_ADJUSTED,250.1,250.1,1,4,
 BO,1901305,174,19/12/2017 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=54481729> ,PSAL_ADJUSTED,75.5,79.8,1,4,
 BO,3901954,6,30/11/2017 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=54374094> ,PSAL,217.4,281.2,1,4,Primary sampling

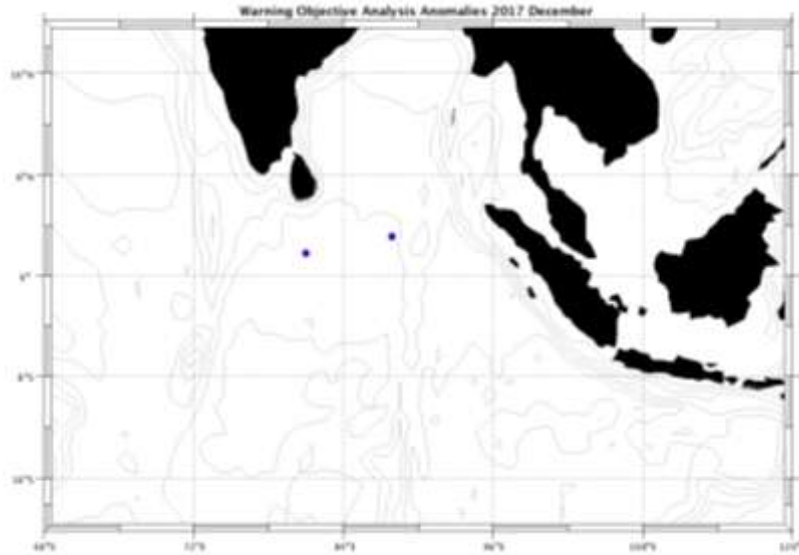
Example of corrections:



3. DAC CSIO

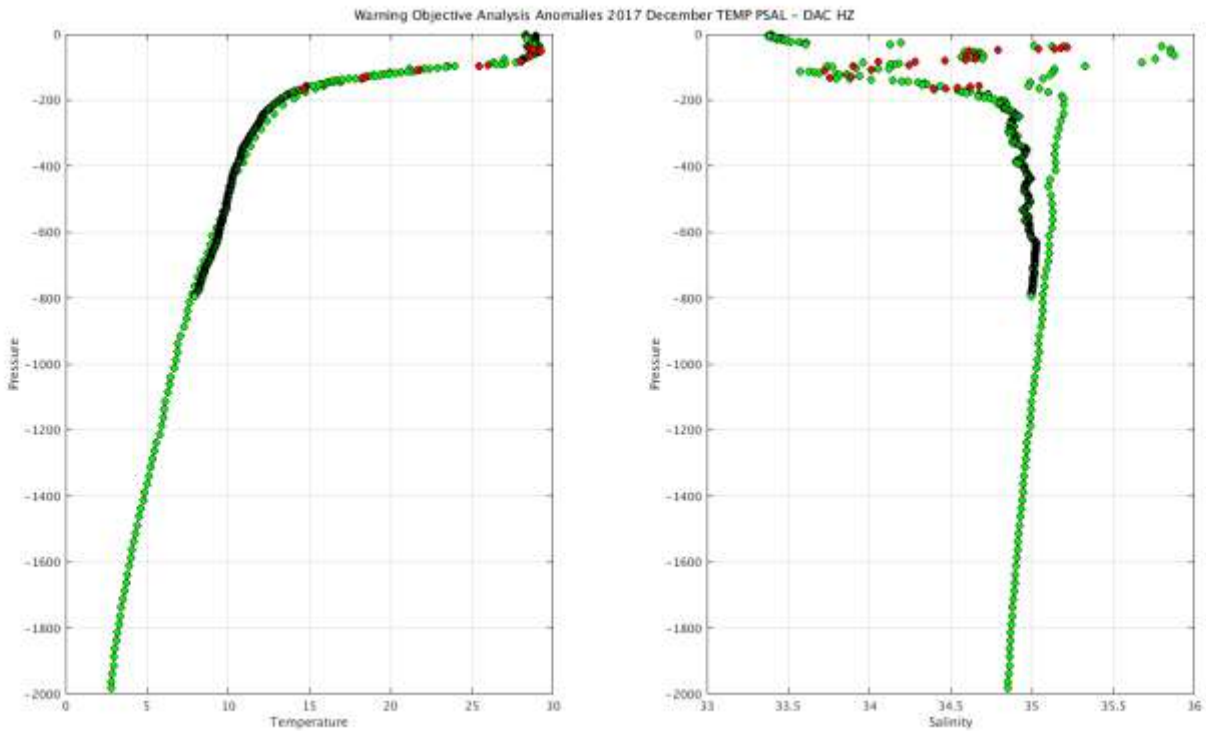
Profiles detected by the objective analysis: 2 profiles (2 floats – float can have several cycles with anomalies)

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



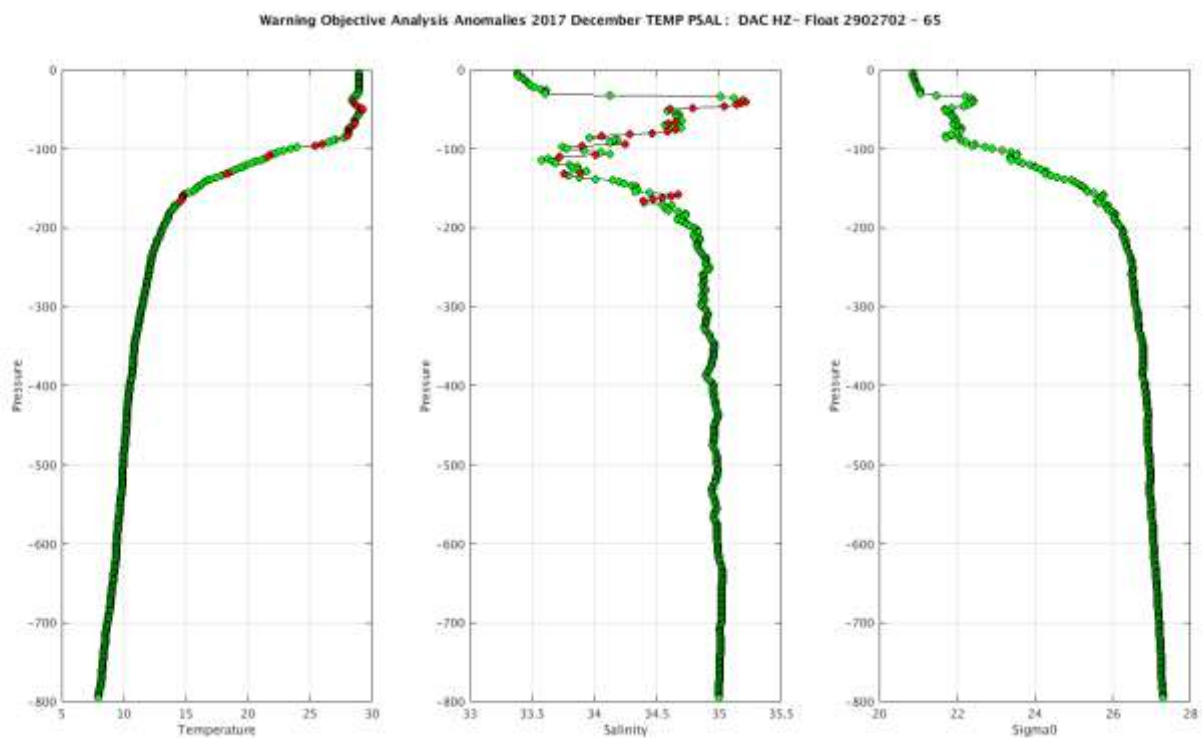
Status of corrections: Correction not always done, no feedbacks

Float : 2902614 – Cycle : 120 – PI : ZENGHONG LIU – Data mode : A – Platform type : PROVOR – WMO inst type : 841 – FLOAT SERIAL : OIN-13CH-S31-64 – Date : 2017 11 29
 Float : 2902702 – Cycle : 65 – PI : GUOPING GAO – Data mode : A – Platform type : NAVIS – WMO inst type : 863 – FLOAT SERIAL : 0668 – Date : 2017 12 2



DAC_CODE,PLATFORM_CODE,CV_NUMBER,DATE_UPDATE,DIRECTION,WEB_URL,PARAMETER,START_IMMERSION,STOP_IMMERSION,OLD_QC,NEW_QC,VERTICAL_SAMPLING_SCHEME
 HZ,2902614,120,30/11/2017 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=54373848> ,PSAL,1,1982,1,3,Primary sampling
 HZ,2902614,120,30/11/2017 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=54373848> ,PSAL_ADJUSTED,1,1982,1,3,Primary sampling
 HZ,2902702,65,02/12/2017 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=54380830> ,PSAL,33.9,38,1,4,Primary sampling
 HZ,2902702,65,02/12/2017 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=54380830> ,PSAL,86,86,1,4,Primary sampling

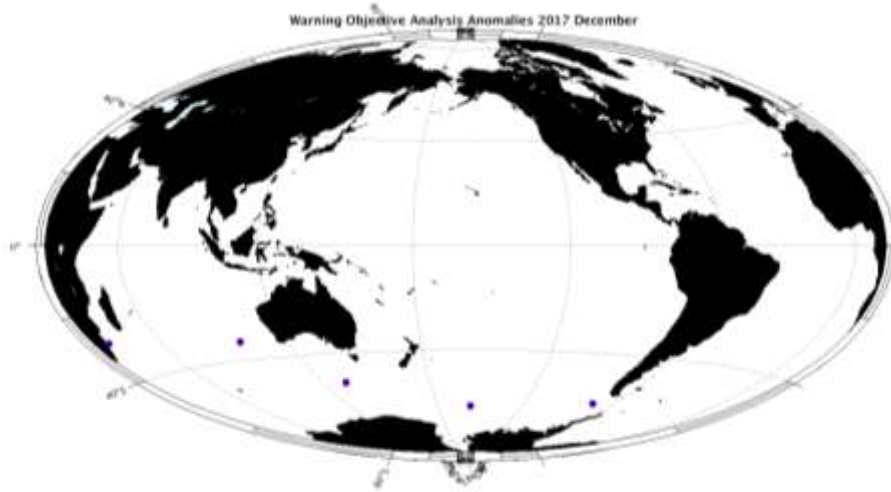
Example of corrections:



4. DAC CSIRO

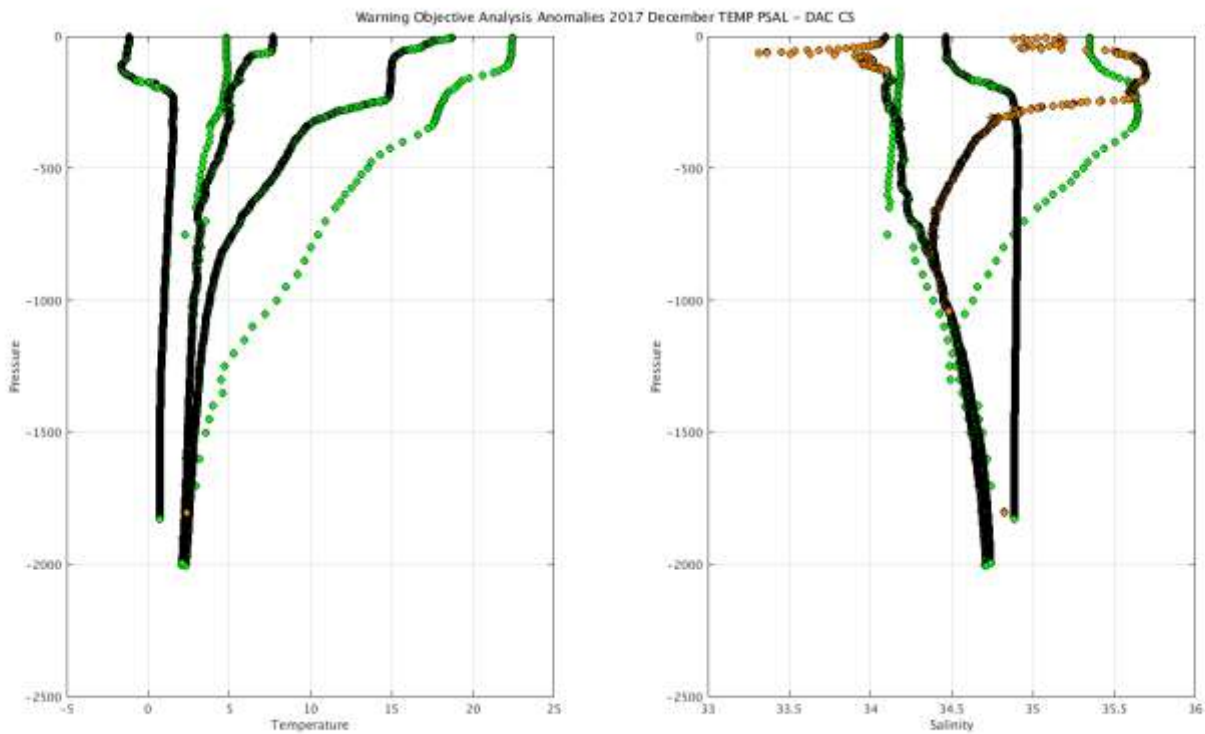
Profiles detected by the objective analysis: 5 profiles (18 floats – float can have several cycles with anomalies)

Data_mode ='R'	Data_mode ='A'	Data_mode ='D'
0 cycle	18 cycles	0 cycle



Status of corrections: Corrections done, feedback.

Float : 1901126 – Cycle : 327 – PI : Susan Wijffels – Data mode : A – Platform type : APEX – WMO inst type : 846 – FLOAT SERIAL : 3556 – Date : 2017 10 2
 Float : 5903664 – Cycle : 244 – PI : Susan Wijffels – Data mode : A – Platform type : APEX – WMO inst type : 846 – FLOAT SERIAL : 5074 – Date : 2017 10 10
 Float : 5905174 – Cycle : 41 – PI : Susan Wijffels – Data mode : A – Platform type : NAVIS_A – WMO inst type : 863 – FLOAT SERIAL : 694 – Date : 2017 12 8
 Float : 7900326 – Cycle : 251 – PI : Susan Wijffels – Data mode : A – Platform type : APEX – WMO inst type : 846 – FLOAT SERIAL : 5097 – Date : 2017 12 6
 Float : 7900328 – Cycle : 220 – PI : Susan Wijffels – Data mode : A – Platform type : APEX – WMO inst type : 846 – FLOAT SERIAL : 5944 – Date : 2017 12 7

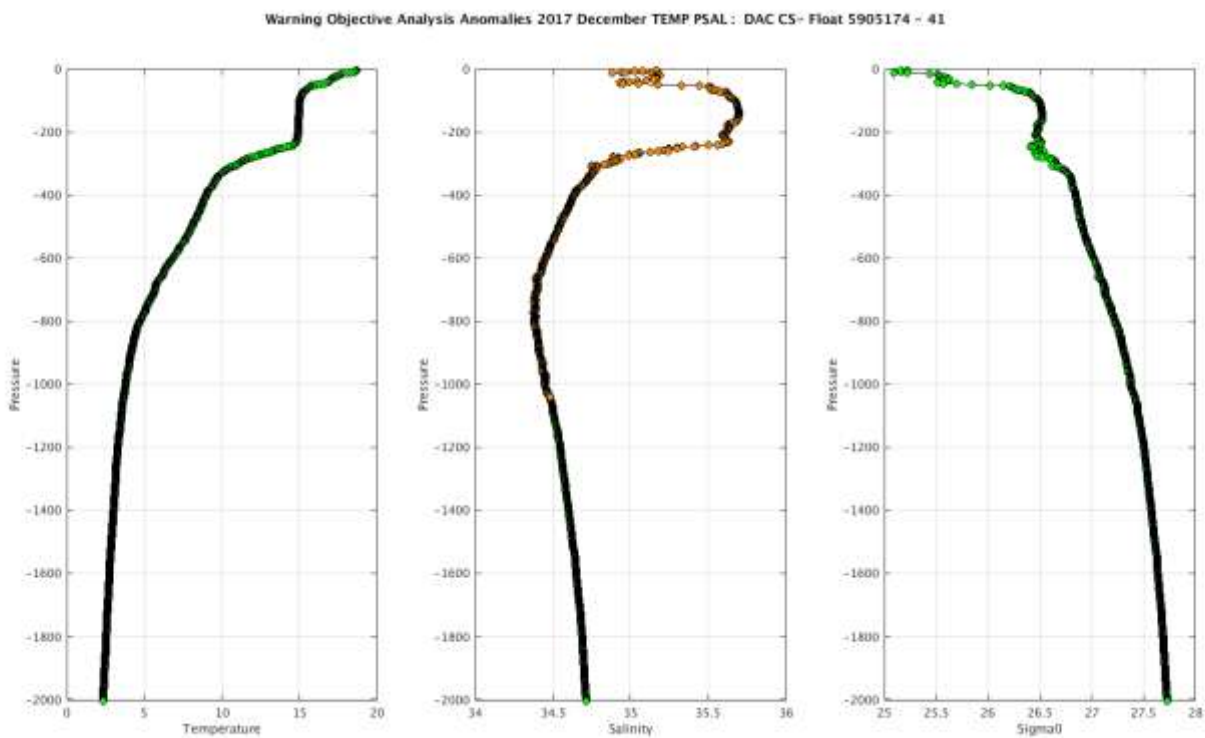


DAC_CODE,PLATFORM_CODE,CV_NUMBER,DATE_UPDATE,DIRECTION,WEB_URL,PARAMETER,START_IMMERSION,STOP_IMMERSION,OLD_QC,NEW_QC,VERTICAL_SAMPLING_SCHEME

CS,1901126,327,05/10/2017 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=53905718> ,PSAL,1799.3,1802.7,1,3,Primary sampling
 CS,5903664,244,13/10/2017 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=53978056> ,TEMP,749.9,749.9,1,4,Primary sampling

CS,5905174,41,08/12/2017 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=54415088> ,PSAL,36,46,3,4,Primary sampling
CS,5905174,41,08/12/2017 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=54415088> ,PSAL_ADJUSTED,36,46,3,4,Primary sampling
CS,7900326,251,07/12/2017 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=54404318> ,PSAL,2.6,1828.5,1,3,Primary sampling
CS,7900328,220,08/12/2017 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=54414874> ,PSAL,120,122,1,4,Primary sampling
CS,7900328,220,08/12/2017 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=54414874> ,PSAL,44,68,3,4,Primary sampling
CS,7900328,220,08/12/2017 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=54414874> ,PSAL,78,84,1,4,Primary sampling
CS,7900328,220,08/12/2017 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=54414874> ,PSAL,94,108,1,4,Primary sampling
CS,7900328,220,08/12/2017 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=54414874> ,PSAL_ADJUSTED,120,122,1,4,Primary sampling
CS,7900328,220,08/12/2017 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=54414874> ,PSAL_ADJUSTED,44,68,3,4,Primary sampling
CS,7900328,220,08/12/2017 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=54414874> ,PSAL_ADJUSTED,78,84,1,4,Primary sampling
CS,7900328,220,08/12/2017 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=54414874> ,PSAL_ADJUSTED,94,108,1,4,Primary sampling

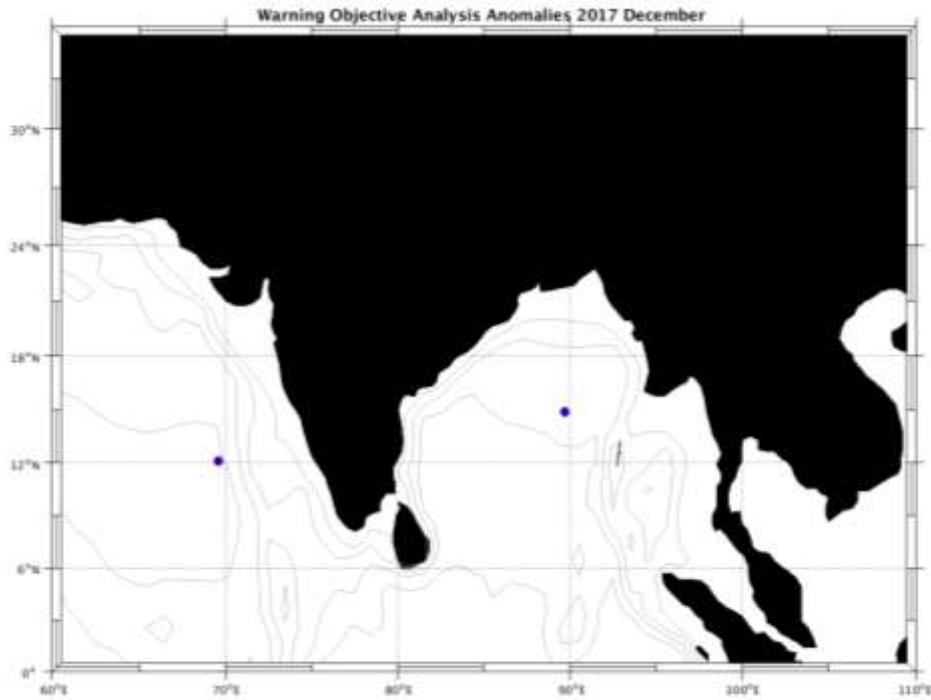
Example of corrections:



5. DAC INCOIS

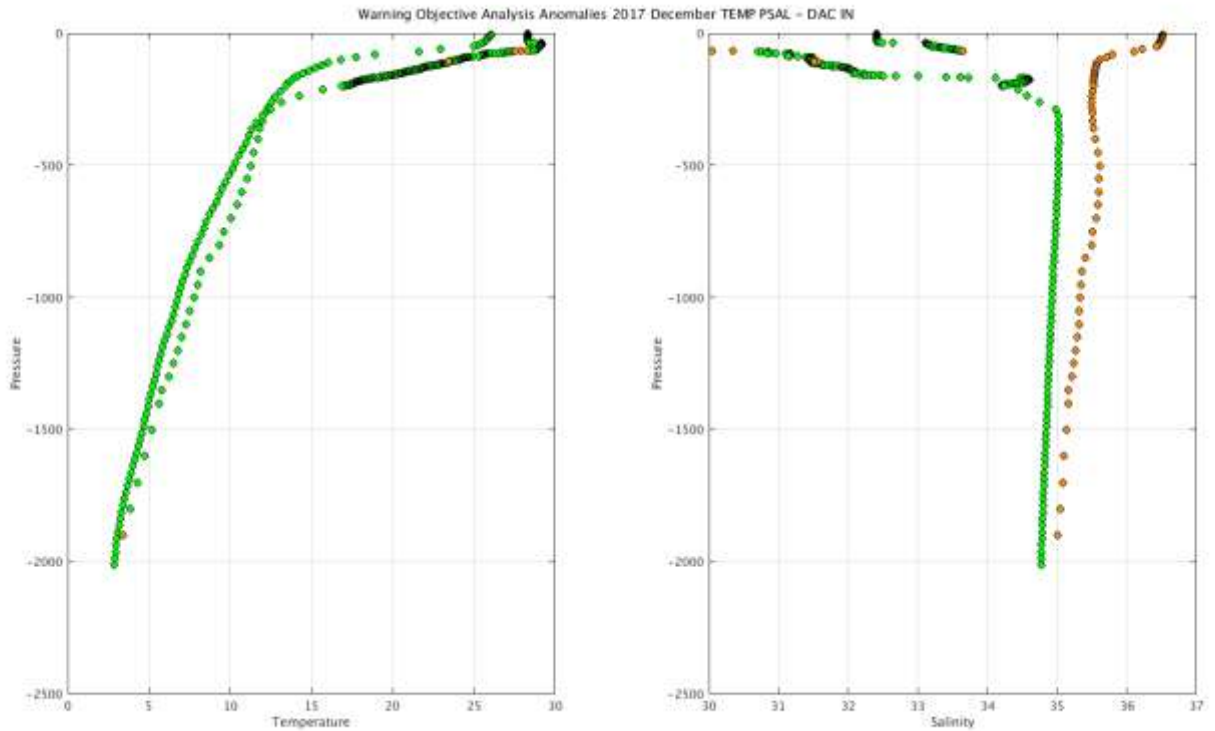
Profiles detected by the objective analysis: 2 profiles (2 floats – float can have several cycles with anomalies)

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



Status of corrections: Corrections in progress, feedback

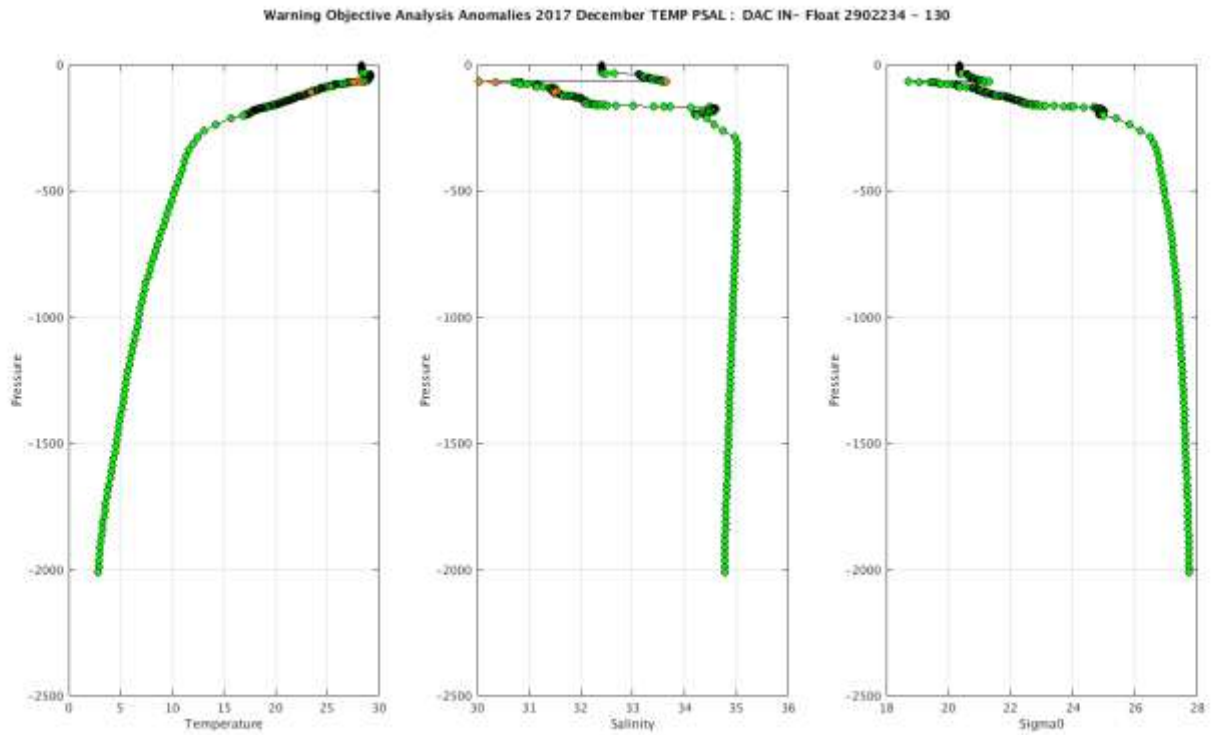
Float : 2902198 – Cycle : 65 – PI : M Ravichandran – Data mode : A – Platform type : APEX – WMO inst type : 846 – FLOAT SERIAL : 7544 – Date : 2017 12 5
 Float : 2902234 – Cycle : 130 – PI : M Ravichandran – Data mode : A – Platform type : ARVOR – WMO inst type : 844 – FLOAT SERIAL : 17006 – Date : 2017 12 20



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

IN,2902198,65,06/12/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=54404120 ,PSAL,3.9,1800.3,1,3,Primary sampling
IN,2902198,65,06/12/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=54404120 ,PSAL_ADJUSTED,3.9,1800.3,1,3,Primary sampling
IN,2902198,65,09/12/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=54404120 ,PSAL,3.9,1800.3,1,3,Primary sampling
IN,2902234,130,20/12/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=54484975 ,PSAL,185,200.2,1,4,Primary sampling
IN,2902234,130,20/12/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=54484975 ,PSAL,66.9,113.9,3,4,Primary sampling
IN,2902234,130,20/12/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=54484975 ,PSAL_ADJUSTED,186.8,200.2,1,4,Primary sampling
IN,2902234,130,20/12/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=54484975 ,PSAL_ADJUSTED,66.9,117.9,3,4,Primary sampling

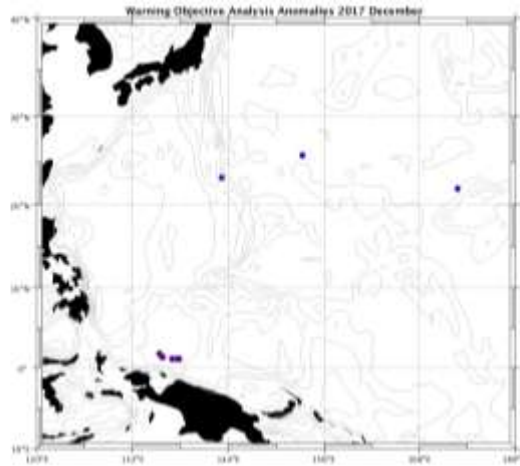
Example of corrections:



6. DAC JMA/JAMSTEC

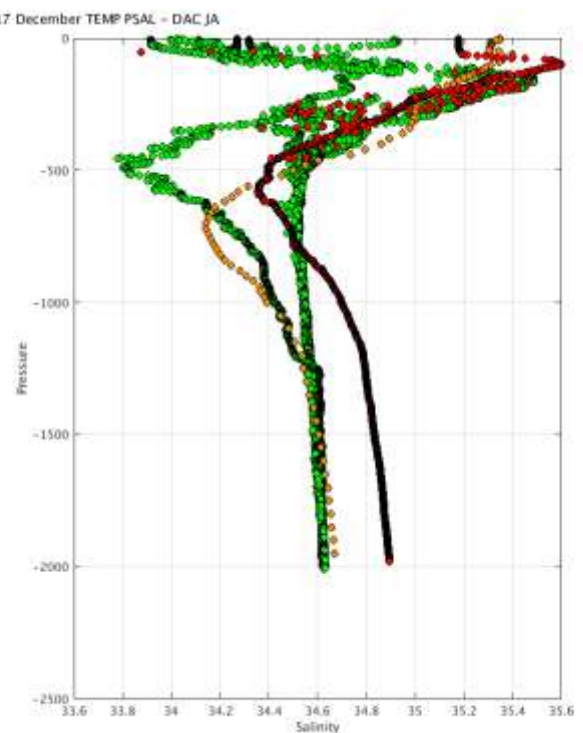
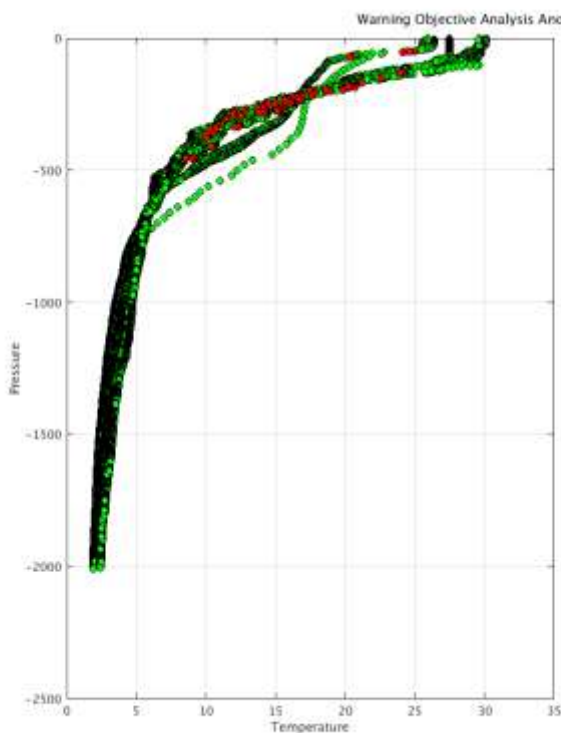
Profiles detected by the objective analysis: 9 profiles (10 floats – float can have several cycles with anomalies)

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



Status of corrections: Correction done for some, some feedback

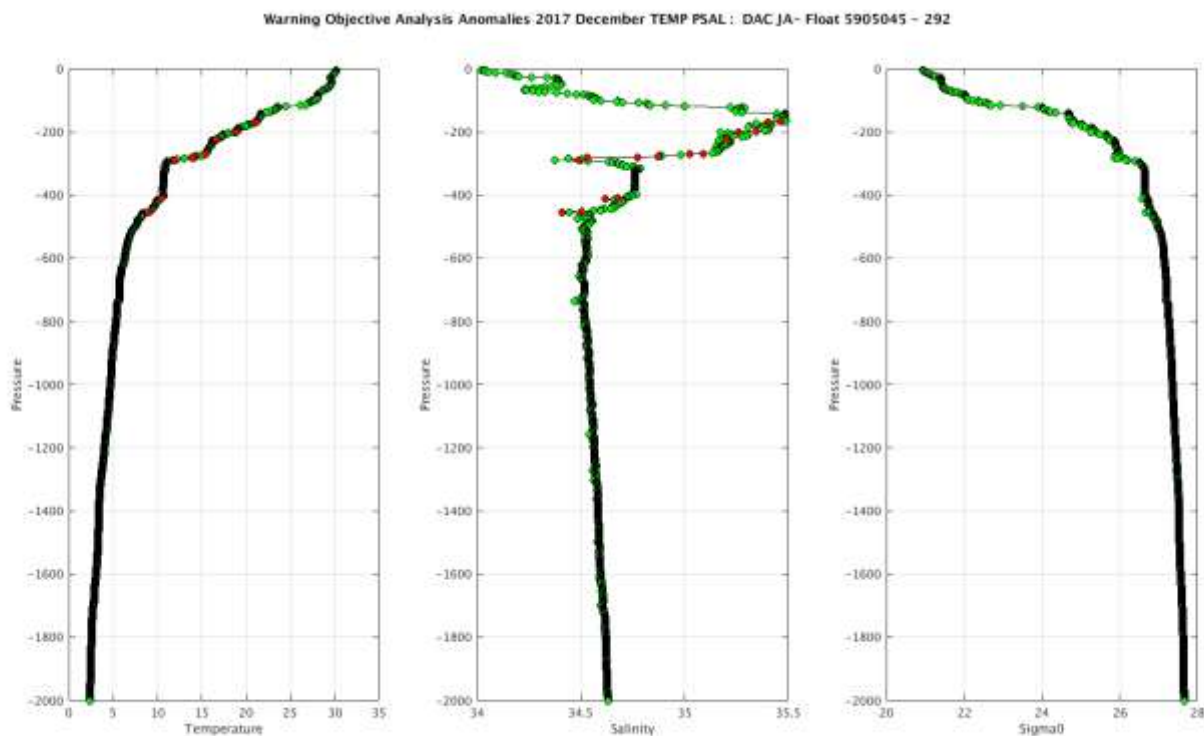
Float : 2902533 – Cycle : 105 – PI : JAMSTEC – Data mode : A – Platform type : NAVIS_A – WMO inst type : 863 – FLOAT SERIAL : 0402 – Date : 2017 12 11
 Float : 2903184 – Cycle : 57 – PI : JMA – Data mode : R – Platform type : ARVOR – WMO inst type : 844 – FLOAT SERIAL : AK – Date : 2017 11 29
 Float : 5904934 – Cycle : 122 – PI : JAMSTEC – Data mode : A – Platform type : NAVIS_A – WMO inst type : 863 – FLOAT SERIAL : 0353 – Date : 2017 12 4
 Float : 5905045 – Cycle : 288 – PI : JAMSTEC – Data mode : A – Platform type : NAVIS_A – WMO inst type : 863 – FLOAT SERIAL : 0563 – Date : 2017 10 1
 Float : 5905045 – Cycle : 289 – PI : JAMSTEC – Data mode : A – Platform type : NAVIS_A – WMO inst type : 863 – FLOAT SERIAL : 0563 – Date : 2017 10 3
 Float : 5905045 – Cycle : 292 – PI : JAMSTEC – Data mode : A – Platform type : NAVIS_A – WMO inst type : 863 – FLOAT SERIAL : 0563 – Date : 2017 10 9
 Float : 5905045 – Cycle : 297 – PI : JAMSTEC – Data mode : A – Platform type : NAVIS_A – WMO inst type : 863 – FLOAT SERIAL : 0563 – Date : 2017 10 19
 Float : 5905045 – Cycle : 298 – PI : JAMSTEC – Data mode : A – Platform type : NAVIS_A – WMO inst type : 863 – FLOAT SERIAL : 0563 – Date : 2017 10 21
 Float : 5905045 – Cycle : 302 – PI : JAMSTEC – Data mode : A – Platform type : NAVIS_A – WMO inst type : 863 – FLOAT SERIAL : 0563 – Date : 2017 10 29



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

JA,2902533,105,11/12/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=54466057 ,PSAL,250,264,1,4,Primary sampling
JA,2902533,105,11/12/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=54466057 ,PSAL,348,352,1,4,Primary sampling
JA,2902533,105,11/12/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=54466057 ,PSAL,402,418,1,4,Primary sampling
JA,2902533,105,11/12/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=54466057 ,PSAL,444,456,1,4,Primary sampling
JA,2902533,105,11/12/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=54466057 ,PSAL,474,488,1,4,Primary sampling
JA,2902533,105,11/12/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=54466057 ,PSAL,72,72,1,4,Primary sampling
JA,2902533,105,11/12/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=54466057 ,PSAL_ADJUSTED,250,264,1,4,Primary sampling
JA,2902533,105,11/12/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=54466057 ,PSAL_ADJUSTED,348,352,1,4,Primary sampling
JA,2902533,105,11/12/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=54466057 ,PSAL_ADJUSTED,398,418,1,4,Primary sampling
JA,2902533,105,11/12/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=54466057 ,PSAL_ADJUSTED,446,456,1,4,Primary sampling
JA,2902533,105,11/12/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=54466057 ,PSAL_ADJUSTED,460,460,1,4,Primary sampling
JA,2902533,105,11/12/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=54466057 ,PSAL_ADJUSTED,474,488,1,4,Primary sampling
JA,2902533,105,11/12/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=54466057 ,PSAL_ADJUSTED,72,72,1,4,Primary sampling
JA,2903184,57,29/11/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=54363574 ,PSAL,7,1949,8,1,3,Primary sampling
JA,5904934,122,04/12/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=54386552 ,PSAL,2.8,1981.8,1,3,Primary sampling
JA,5904934,122,04/12/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=54386552 ,PSAL_ADJUSTED,2.8,1981.8,1,3,Primary sampling
JA,5905045,288,02/10/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53899742 ,PSAL,140,146,1,4,Primary sampling
JA,5905045,288,02/10/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53899742 ,PSAL,186,186,1,4,Primary sampling
JA,5905045,288,02/10/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53899742 ,PSAL,87.9,87.9,1,4,Primary sampling
JA,5905045,289,04/10/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53924150 ,PSAL,268,270,1,4,Primary sampling
JA,5905045,289,04/10/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53924150 ,PSAL,332,334,1,4,Primary sampling
JA,5905045,292,10/10/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53974283 ,PSAL,284,286,1,4,Primary sampling
JA,5905045,292,10/10/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53974283 ,PSAL,290,292,1,4,Primary sampling
JA,5905045,292,10/10/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53974283 ,PSAL,414,414,1,4,Primary sampling
JA,5905045,297,20/10/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=54072208 ,PSAL,234,234,1,4,Primary sampling
JA,5905045,297,20/10/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=54072208 ,PSAL,274,282,1,4,Primary sampling
JA,5905045,297,20/10/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=54072208 ,PSAL,312,312,1,4,Primary sampling
JA,5905045,297,20/10/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=54072208 ,PSAL,450,450,1,4,Primary sampling
JA,5905045,297,20/10/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=54072208 ,PSAL,456,456,1,4,Primary sampling
JA,5905045,298,22/10/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=54092339 ,PSAL,338,352,1,4,Primary sampling
JA,5905045,302,30/10/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=54158248 ,PSAL,198,200,1,4,Primary sampling
JA,5905045,302,30/10/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=54158248 ,PSAL,246,264,1,4,Primary sampling
JA,5905045,302,30/10/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=54158248 ,PSAL,276,276,1,4,Primary sampling
JA,5905045,302,30/10/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=54158248 ,PSAL,344,344,1,4,Primary sampling

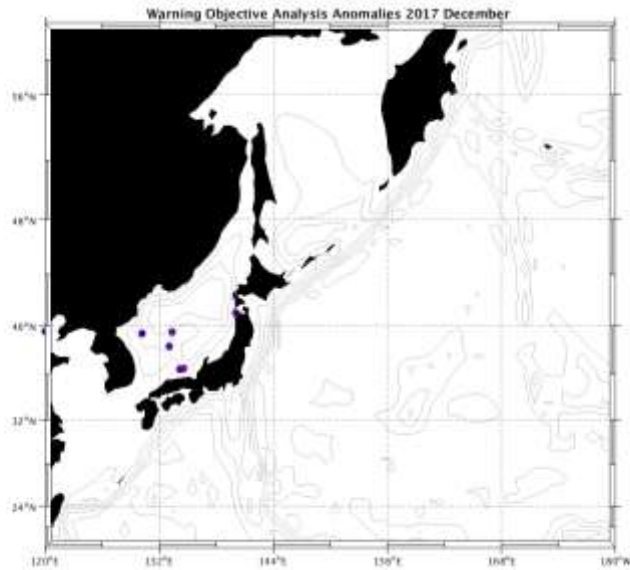
Example of anomalies:



7. DAC KMA

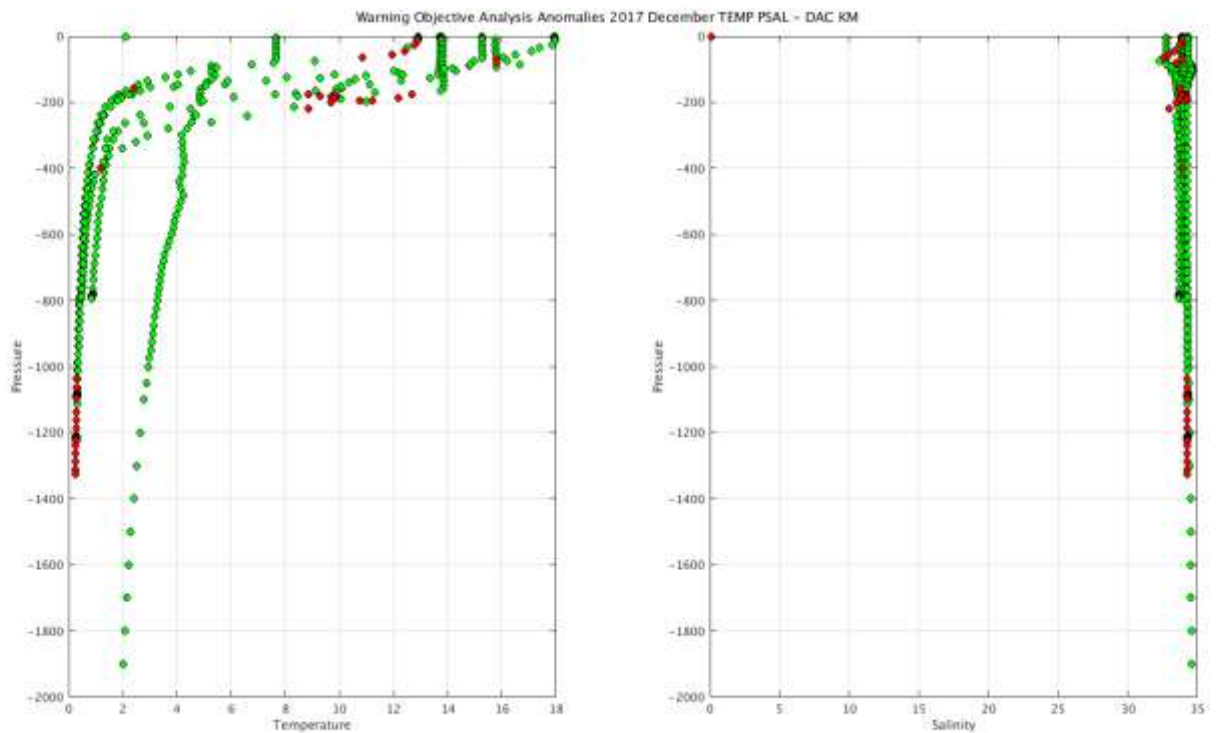
Profiles detected by the objective analysis: 7 profiles (6 floats – float can have several cycles with anomalies)

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



Status of corrections: Correction not done, no feedback

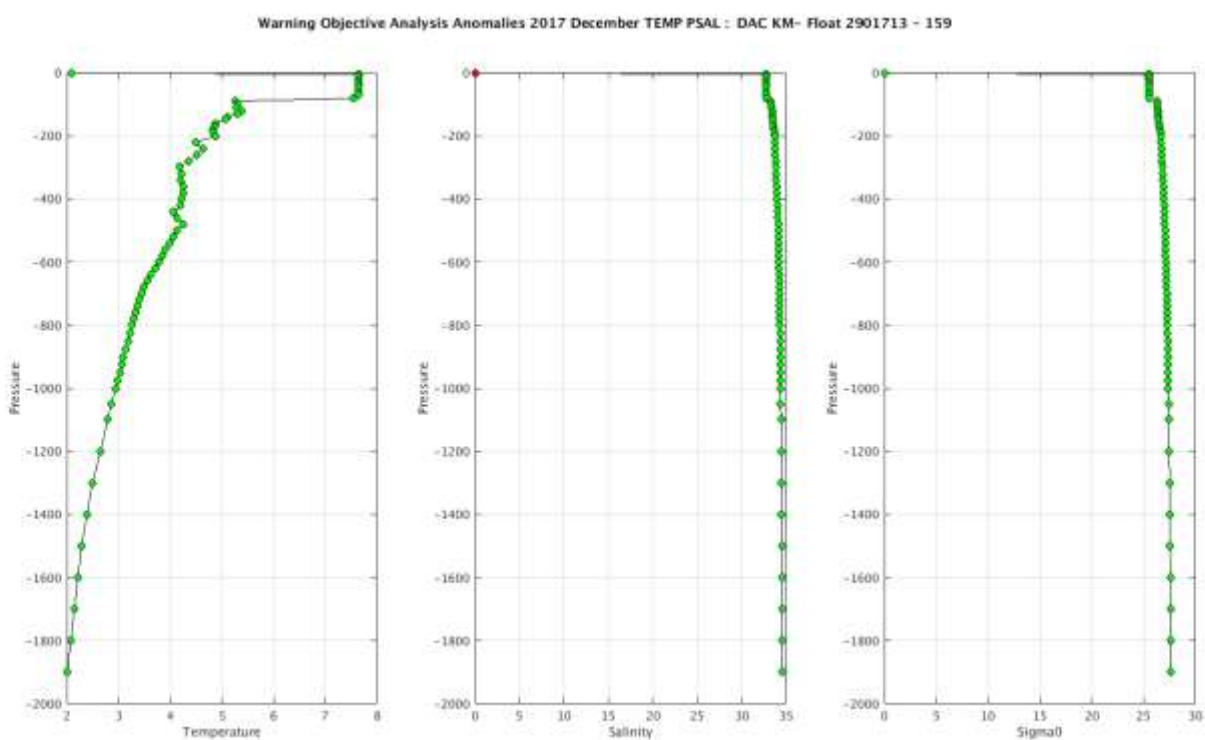
Float : 2901713 – Cycle : 159 – PI : Young-Hwa Kim – Data mode : A – Platform type : APEX – WMO inst type : 846 – FLOAT SERIAL : n/a – Date : 2017 12 10
 Float : 2901724 – Cycle : 176 – PI : Youngsoo Jeon – Data mode : R – Platform type : ARVOR – WMO inst type : 846 – FLOAT SERIAL : n/a – Date : 2017 12 19
 Float : 2901725 – Cycle : 175 – PI : Youngsoo Jeon – Data mode : R – Platform type : ARVOR – WMO inst type : 846 – FLOAT SERIAL : n/a – Date : 2017 12 12
 Float : 2901746 – Cycle : 132 – PI : ByungHwan Lim – Data mode : A – Platform type : APEX – WMO inst type : 846 – FLOAT SERIAL : n/a – Date : 2017 11 30
 Float : 2901750 – Cycle : 71 – PI : Jaeyoung Byon – Data mode : R – Platform type : ARVOR – WMO inst type : 846 – FLOAT SERIAL : n/a – Date : 2017 12 9
 Float : 2901759 – Cycle : 49 – PI : Jaeyoung Byon – Data mode : R – Platform type : ARVOR – WMO inst type : 846 – FLOAT SERIAL : n/a – Date : 2017 12 2
 Float : 2901759 – Cycle : 50 – PI : Jaeyoung Byon – Data mode : R – Platform type : ARVOR – WMO inst type : 846 – FLOAT SERIAL : n/a – Date : 2017 12 12



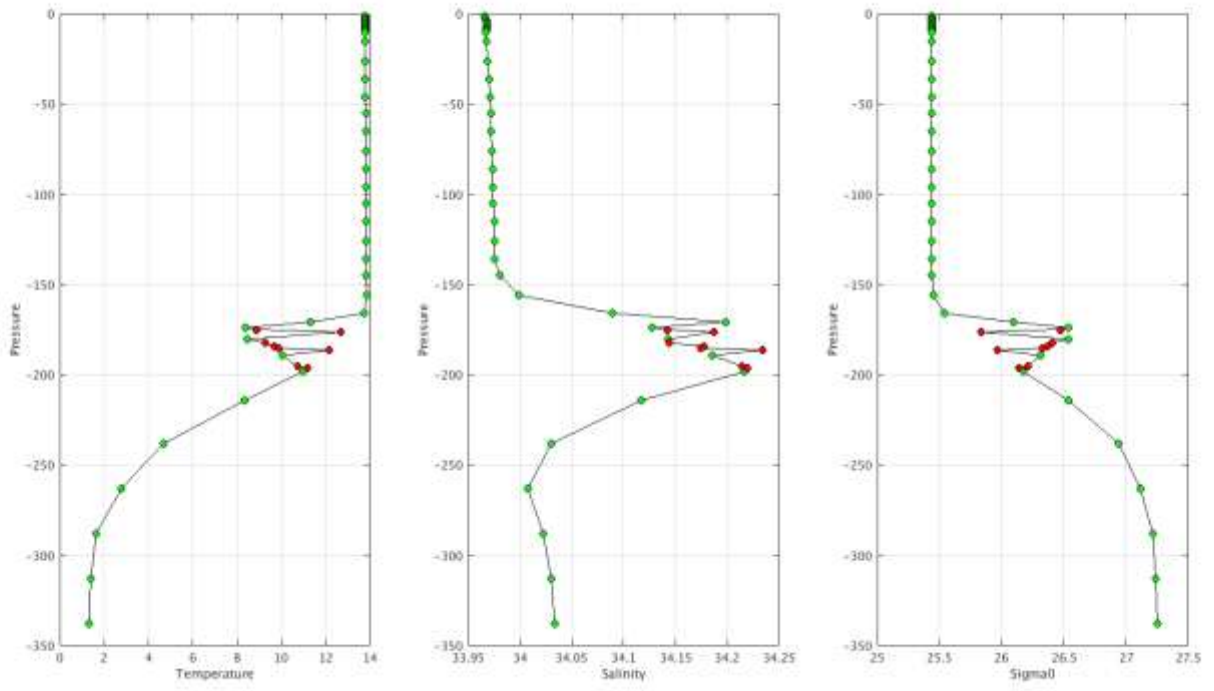
DAC_CODE,PLATFORM_CODE,CV_NUMBER,DATE_UPDATE,DIRECTION,WEB_URL,PARAMETER,START_IMMERSION,STOP_IMMERSION,OLD_QC,NEW_QC,VERTICAL_SAMPLING_SCHEME

KM,2901713,159,11/12/2017 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=54433852> ,TEMP,1,1,1,3,Primary sampling
KM,2901713,159,11/12/2017 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=54433852> ,TEMP_ADJUSTED,1,1,1,3,Primary sampling
KM,2901724,176,20/12/2017 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=54484658> ,PSAL,1,794,1,3,Primary sampling
KM,2901725,175,13/12/2017 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=54450964> ,PSAL,171,174,1,4,Primary sampling
KM,2901725,175,13/12/2017 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=54450964> ,PSAL,180,180,1,4,Primary sampling
KM,2901725,175,13/12/2017 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=54450964> ,PSAL,189,189,1,4,Primary sampling
KM,2901725,175,13/12/2017 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=54450964> ,TEMP,171,174,1,4,Primary sampling
KM,2901725,175,13/12/2017 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=54450964> ,TEMP,180,180,1,4,Primary sampling
KM,2901725,175,13/12/2017 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=54450964> ,TEMP,189,189,1,4,Primary sampling
KM,2901746,132,01/12/2017 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=54377802> ,PSAL,89.7,100.6,1,4,Primary sampling
KM,2901746,132,01/12/2017 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=54377802> ,PSAL_ADJUSTED,89.7,100.6,1,4,Primary sampling
KM,2901750,71,10/12/2017 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=54430716> ,PSAL,76,76,1,4,Primary sampling
KM,2901759,49,03/12/2017 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=54383403> ,PSAL,1,1013,1,3,Primary sampling
KM,2901759,49,03/12/2017 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=54383403> ,PSAL,1078,1085,1,3,Primary sampling
KM,2901759,50,13/12/2017 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=54450968> ,PSAL,1,1113,1,3,Primary sampling

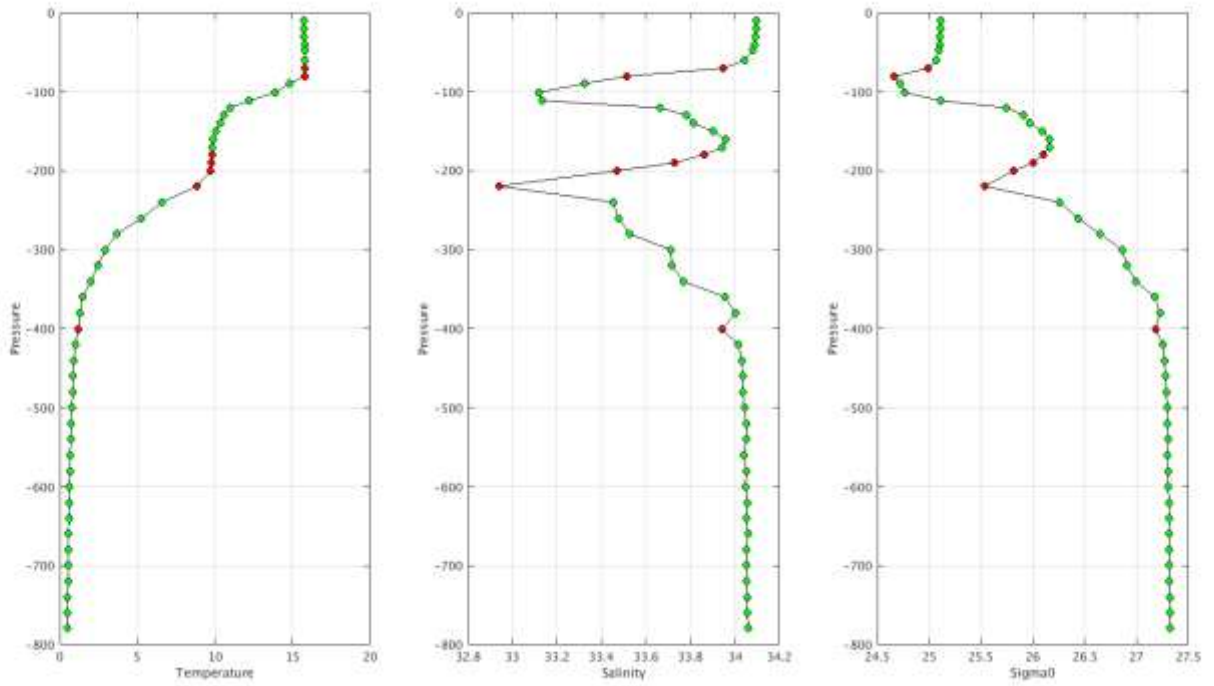
Example of anomalies:



Warning Objective Analysis Anomalies 2017 December TEMP PSAL : DAC KM- Float 2901725 - 175



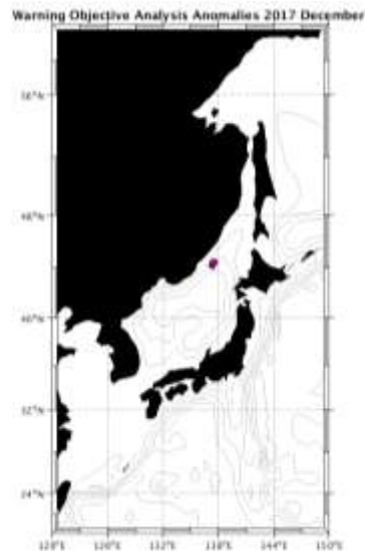
Warning Objective Analysis Anomalies 2017 December TEMP PSAL : DAC KM- Float 2901746 - 132



8. DAC KORDI/KIOST

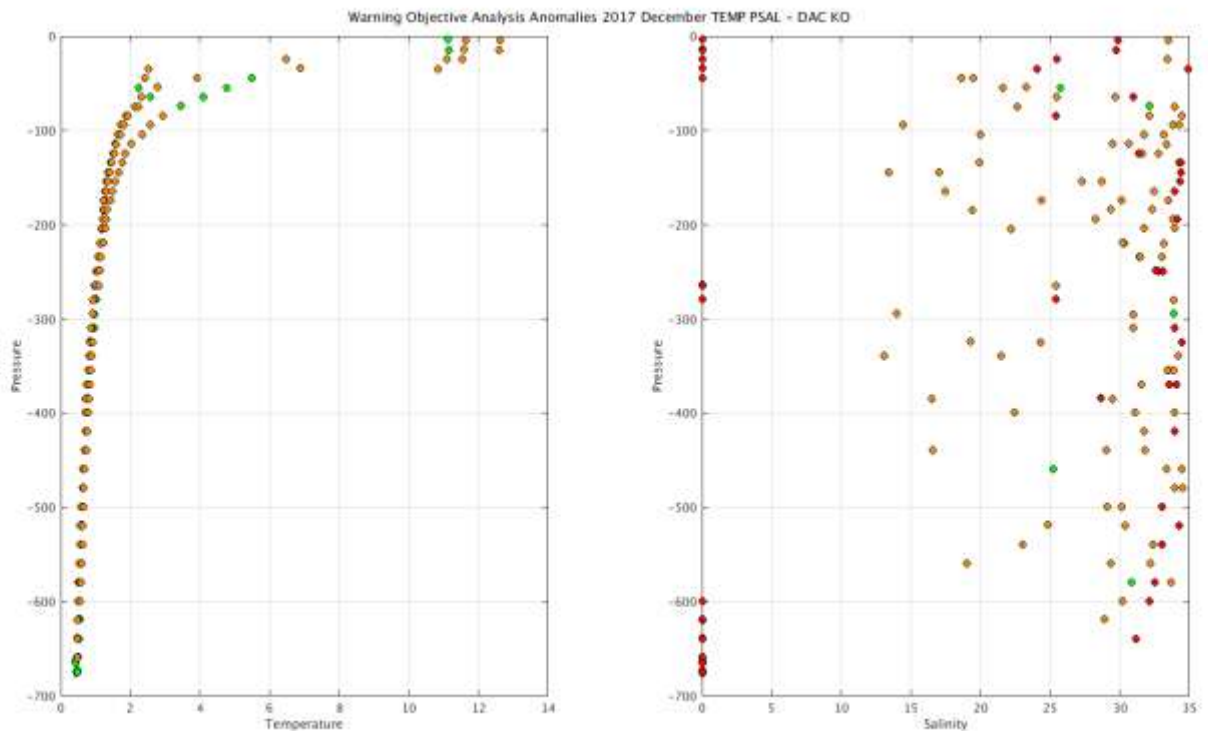
Profiles detected by the objective analysis: 3 profiles (1 float – float can have several cycles with anomalies)

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



Status of corrections: Corrections not done, no feedback. It seems there is a problem with the float 2900452.

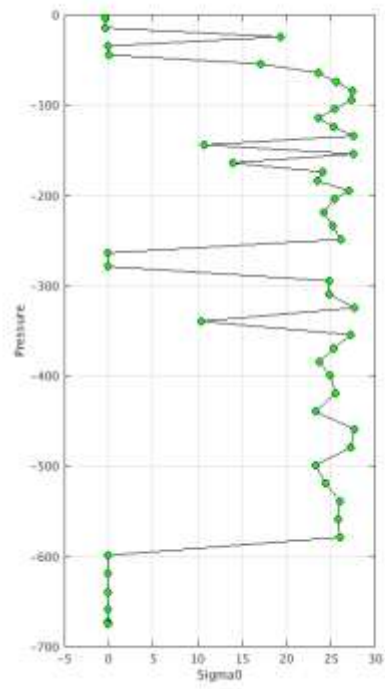
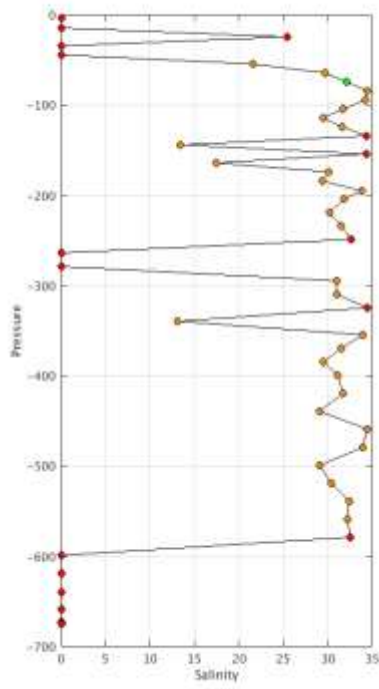
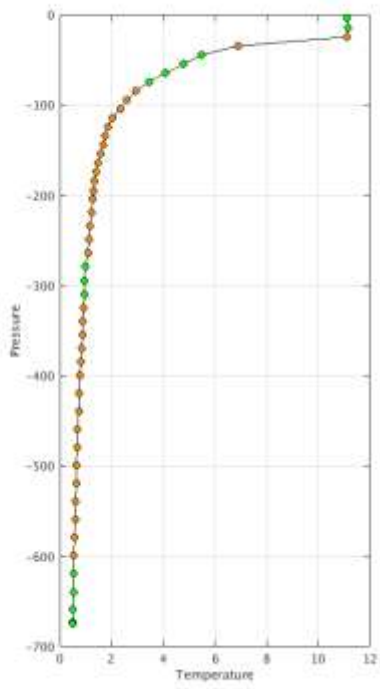
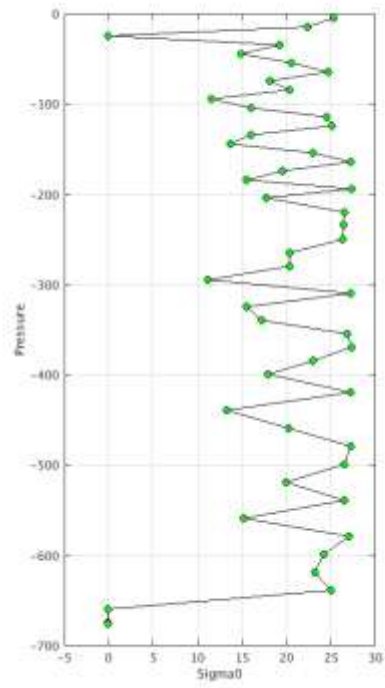
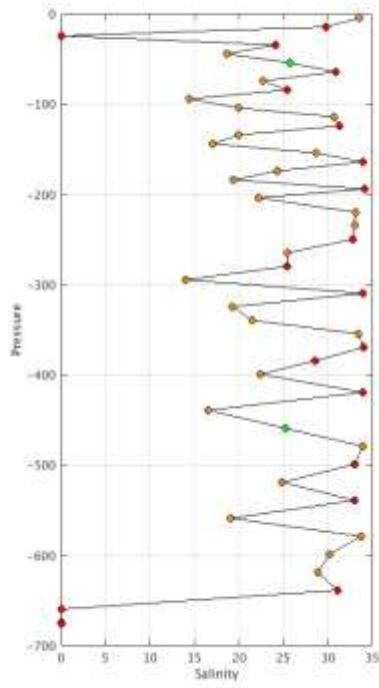
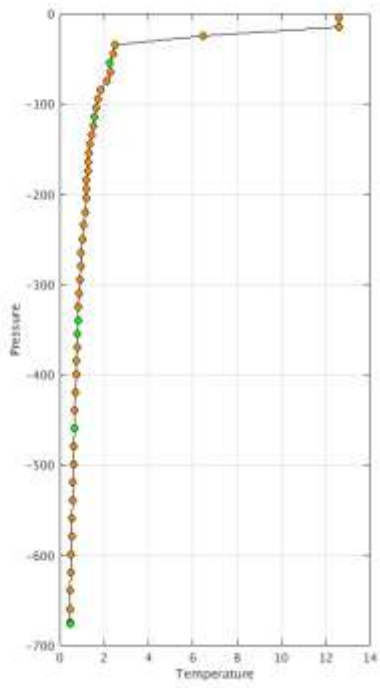
Float : 2900452 – Cycle : 475 – PI : Moon-Sik Suk – Data mode : A – Platform type : APEX – WMO inst type : 846 – FLOAT SERIAL : 1540 – Date : 2017 10 10
 Float : 2900452 – Cycle : 476 – PI : Moon-Sik Suk – Data mode : A – Platform type : APEX – WMO inst type : 846 – FLOAT SERIAL : 1540 – Date : 2017 10 20
 Float : 2900452 – Cycle : 477 – PI : Moon-Sik Suk – Data mode : A – Platform type : APEX – WMO inst type : 846 – FLOAT SERIAL : 1540 – Date : 2017 10 30



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

KO,2900452,475,11/10/2017 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=53977749> ,PSAL,4.4,4.4,3,4,Primary sampling

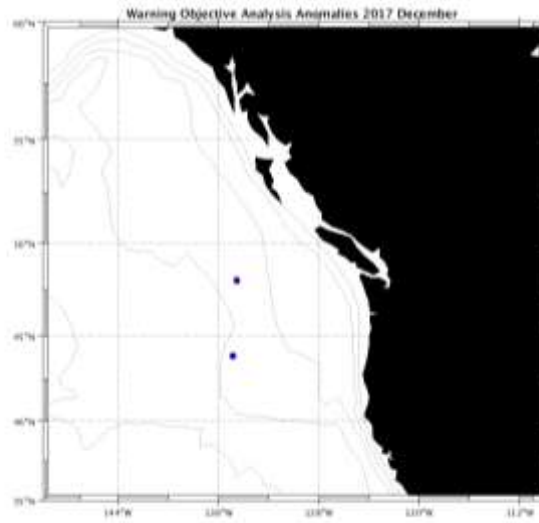
KO,2900452,475,11/10/2017 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=53977749> ,PSAL,479.5,479.5,3,4,Primary sampling



9. DAC MEDS

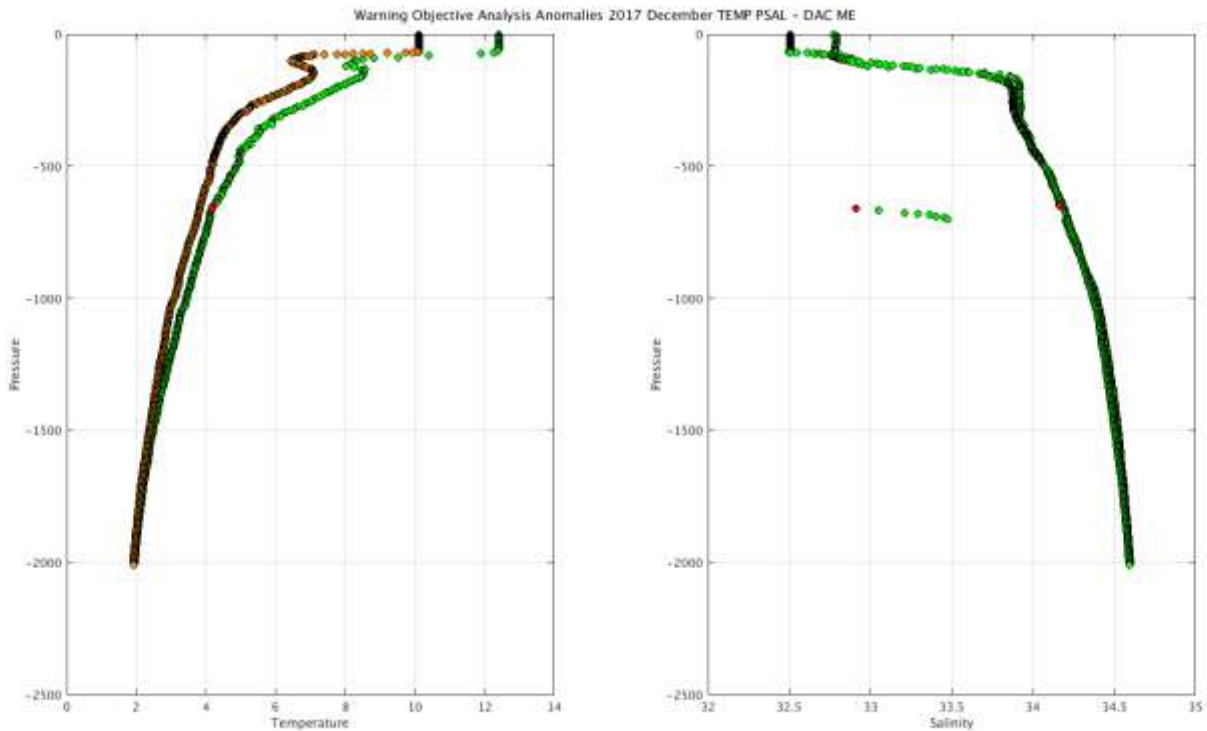
Profiles detected by the objective analysis: 2 profiles (2 floats – float can have several cycles with anomalies)

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



Status of corrections: Correction done or in progress, feedback

Float : 4901187 – Cycle : 198 – PI : Blair Greenan – Data mode : A – Platform type : NOVA – WMO inst type : 865 – FLOAT SERIAL : 27 – Date : 2017 12 17
 Float : 4902403 – Cycle : 30 – PI : Blair Greenan – Data mode : A – Platform type : NOVA – WMO inst type : 865 – FLOAT SERIAL : 439 – Date : 2017 12 13

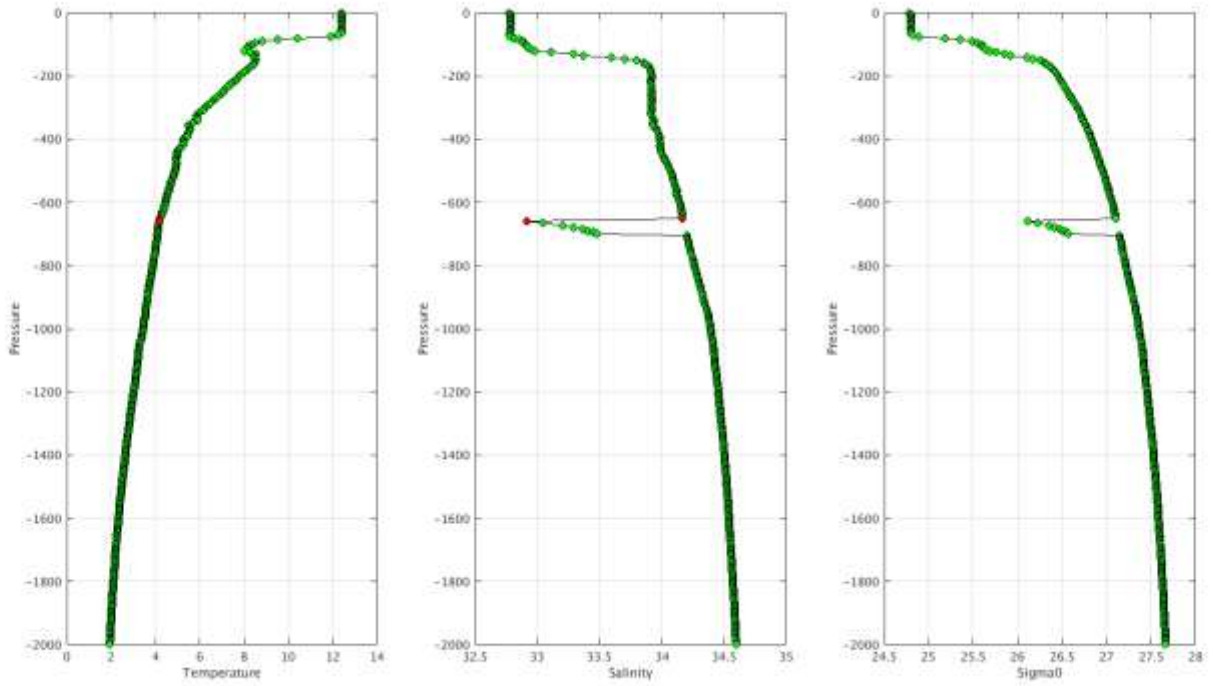


DAC_CODE,PLATFORM_CODE,CV_NUMBER,DATE_UPDATE,DIRECTION,WEB_URL,PARAMETER,START_IMMERSION,STOP_IMMERSION,OLD_QC,NEW_QC,VERTICAL_SAMPLING_SCHEME

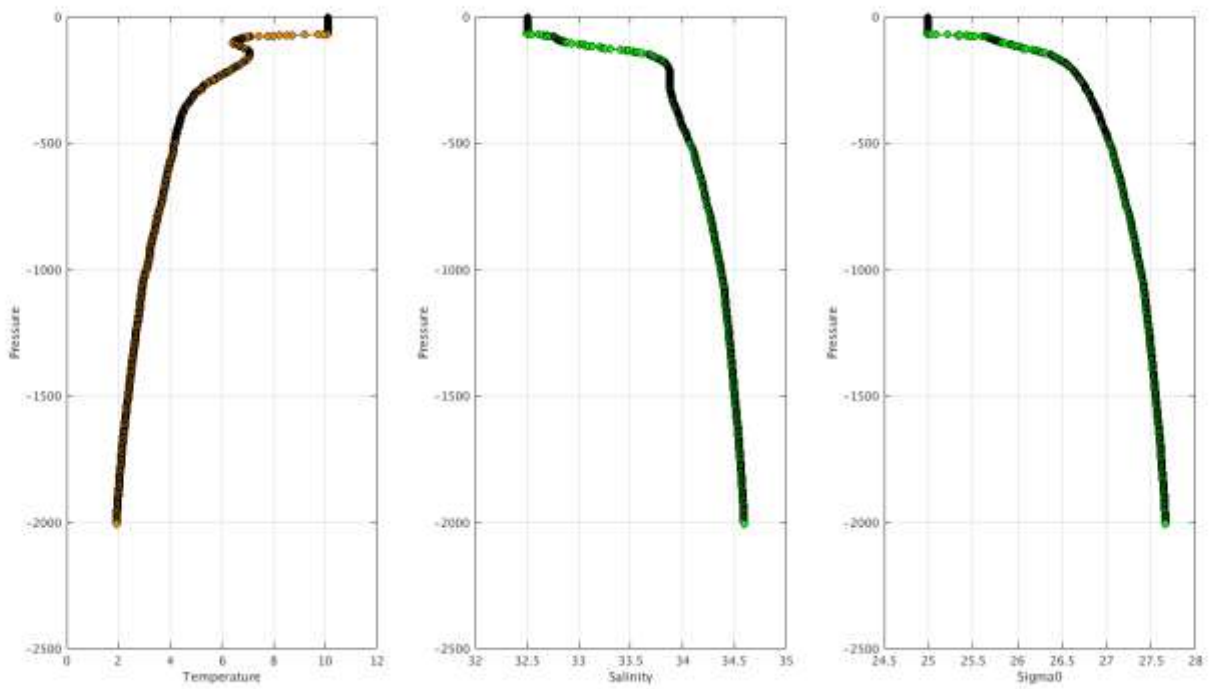
ME,4901187,198,17/12/2017 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=54476045> ,PSAL,665.3,699.8,1,4,Primary sampling
 ME,4901187,198,17/12/2017 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=54476045> ,PSAL_ADJUSTED,665.3,699.8,1,4,Primary sampling
 ME,4902403,30,13/12/2017 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=54451480> ,PSAL,1.5,2008.3,1,3,Primary sampling
 ME,4902403,30,13/12/2017 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=54451480> ,PSAL_ADJUSTED,1.5,2008.3,1,3,Primary sampling

Example of anomalies:

Warning Objective Analysis Anomalies 2017 December TEMP PSAL : DAC ME- Float 4901187 - 198



Warning Objective Analysis Anomalies 2017 December TEMP PSAL : DAC ME- Float 4902403 - 30



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.

11.1. AOML

GDAC (missing nc files)

For some floats :

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

See below the list of floats with existing nc files :

DAC name : aoml – Number of floats : 6653

1900167 – Existing nc files

File : 1900167_meta.nc – 1900167_prof.nc –

1900168 – Existing nc files

File : 1900168_meta.nc – 1900168_prof.nc –

1900189 – Existing nc files

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

1900244 – Existing nc files

File : 1900244_meta.nc – 1900244_prof.nc –

1900245 – Existing nc files

File : 1900245_meta.nc – 1900245_prof.nc –

1900255 – Existing nc files

File : 1900255_meta.nc – 1900255_prof.nc –

1900257 – Existing nc files

File : 1900257_meta.nc – 1900257_prof.nc –

1900748 – Existing nc files

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

1900751 – Existing nc files

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

1900831 – Existing nc files

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

1901658 – Existing nc files

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

2901106 – Existing nc files

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

3900148 – Existing nc files

File : 3900148_meta.nc – 3900148_prof.nc –

3900160 – Existing nc files

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

39029 – Existing nc files

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

41534 – Existing nc files

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

4900228 – Existing nc files

File : 4900228_meta.nc – 4900228_prof.nc –

4900229 – Existing nc files

File : 4900229_meta.nc – 4900229_prof.nc –

4900230 – Existing nc files

File : 4900230_meta.nc – 4900230_prof.nc –

4900268 – Existing nc files

File : 4900268_meta.nc – 4900268_prof.nc –

4900269 – Existing nc files

File : 4900269_meta.nc – 4900269_prof.nc –

4900270 – Existing nc files

File : 4900270_meta.nc – 4900270_prof.nc –

4900271 – Existing nc files

File : 4900271_meta.nc – 4900271_prof.nc –

4900272 – Existing nc files

File : 4900272_meta.nc – 4900272_prof.nc –

4900273 – Existing nc files

File : 4900273_meta.nc – 4900273_prof.nc –

4900287 – Existing nc files

File : 4900287_Rtraj.nc – 4900287_meta.nc – 4900287_tech.nc –

4900358 – Existing nc files

File : 4900358_meta.nc – 4900358_prof.nc –

4900361 – Existing nc files

File : 4900361_meta.nc – 4900361_prof.nc –

4900366 – Existing nc files

File : 4900366_meta.nc – 4900366_prof.nc –

4900367 – Existing nc files

File : 4900367_meta.nc – 4900367_prof.nc –

4900382 – Existing nc files

File : 4900382_meta.nc – 4900382_prof.nc –

4900383 – Existing nc files

File : 4900383_meta.nc – 4900383_prof.nc –

4900385 – Existing nc files

File : 4900385_meta.nc – 4900385_prof.nc –

4900426 – Existing nc files

File : 4900426_meta.nc – 4900426_prof.nc –

4900427 – Existing nc files

File : 4900427_meta.nc – 4900427_prof.nc –

4900428 – Existing nc files

File : 4900428_meta.nc – 4900428_prof.nc –

4900550 – Existing nc files

File : 4900550_Rtraj.nc – 4900550_meta.nc – 4900550_tech.nc –

4900583 – Existing nc files

File : 4900583_Rtraj.nc – 4900583_meta.nc – 4900583_tech.nc –

4900779 – Existing nc files

File : 4900779_Rtraj.nc – 4900779_meta.nc – 4900779_tech.nc –

4901485 – Existing nc files

File : 4901485_Rtraj.nc – 4901485_meta.nc – 4901485_tech.nc –

4901537 – Existing nc files

File : 4901537_Rtraj.nc – 4901537_meta.nc – 4901537_tech.nc –

4901560 – Existing nc files

File : 4901560_Rtraj.nc – 4901560_meta.nc – 4901560_tech.nc –

4901575 – Existing nc files

File : 4901575_Rtraj.nc – 4901575_meta.nc – 4901575_tech.nc –

4901577 – Existing nc files

File : 4901577_Rtraj.nc – 4901577_meta.nc – 4901577_tech.nc –

5900253 – Existing nc files

File : 5900253_Rtraj.nc – 5900253_meta.nc – 5900253_tech.nc –

5900637 – Existing nc files

File : 5900637_Rtraj.nc – 5900637_meta.nc – 5900637_tech.nc –

5900765 – Existing nc files

File : 5900765_Rtraj.nc – 5900765_meta.nc – 5900765_tech.nc –

5900892 – Existing nc files

File : 5900892_Rtraj.nc – 5900892_meta.nc – 5900892_tech.nc –

5901006 – Existing nc files

File : 5901006_Rtraj.nc – 5901006_meta.nc – 5901006_tech.nc –

5901082 – Existing nc files

File : 5901082_Rtraj.nc – 5901082_meta.nc – 5901082_tech.nc –

5901732 – Existing nc files

File : 5901732_Rtraj.nc – 5901732_meta.nc – 5901732_tech.nc –

5903442 – Existing nc files

File : 5903442_Rtraj.nc – 5903442_meta.nc – 5903442_tech.nc –

5904014 – Existing nc files

File : 5904014_Rtraj.nc – 5904014_meta.nc – 5904014_tech.nc –

5904097 – Existing nc files

File : 5904097_Rtraj.nc – 5904097_meta.nc – 5904097_tech.nc –

5904282 – Existing nc files

File : 5904282_Rtraj.nc – 5904282_meta.nc – 5904282_tech.nc –

5904838 – Existing nc files

File : 5904838_Rtraj.nc – 5904838_meta.nc – 5904838_prof.nc –

5904839 – Existing nc files

File : 5904839_Rtraj.nc – 5904839_meta.nc – 5904839_prof.nc –

5904840 – Existing nc files

File : 5904840_Rtraj.nc – 5904840_meta.nc – 5904840_prof.nc

Files in real time :

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

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

11.2. BODC

GDAC (missing nc files)

For some floats :

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

MAINLY TRAJECTORY FILE MISSING

See below the list of floats with existing nc files :

DAC name : bodc – Number of floats : 640

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
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2901905 – Existing nc files
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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
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

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 : oriolis – Number of floats : 2566

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 –
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 : 377

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 : 802

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

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 : 424

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 –

7654321 – Existing nc files

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 : 1559

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 –

7900024 – Existing nc files

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

7900025 – Existing nc files

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

7900599 – Existing nc files

File : 7900599_meta.nc – 7900599_prof.nc –

7900600 – Existing nc files

File : 7900600_meta.nc – 7900600_prof.nc –

7900601 – Existing nc files

File : 7900601_meta.nc – 7900601_prof.nc –

7900652 – Existing nc files

File : 7900652_meta.nc – 7900652_prof.nc –

7900653 – Existing nc files

File : 7900653_meta.nc – 7900653_prof.nc –

7900654 – Existing nc files

File : 7900654_meta.nc – 7900654_prof.nc –

7900655 – Existing nc files

File : 7900655_meta.nc – 7900655_prof.nc –

7900657 – Existing nc files

File : 7900657_meta.nc – 7900657_prof.nc –

7900658 – Existing nc files

File : 7900658_meta.nc – 7900658_prof.nc –

7900660 – Existing nc files

File : 7900660_meta.nc – 7900660_prof.nc –

7900691 – Existing nc files

File : 7900691_meta.nc – 7900691_prof.nc

11.8. KMA

For some floats :

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

See below the list of floats with existing nc files :

DAC name : kma – Number of floats : 227

2901213 – Existing nc files

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

2901705 – Existing nc files

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

11.9. KORDI/KIOST

For some floats :

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

See below the list of floats with existing nc files :

DAC name : kordi – Number of floats : 119

2900793 – Existing nc files

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

3900079 – Existing nc files

File : 3900079_Rtraj.nc – 3900079_meta.nc –

3900078 – Existing nc files

File : 3900078_Rtraj.nc – 3900078_meta.nc –

3900081 – Existing nc files

File : 3900081_Rtraj.nc – 3900081_meta.nc

Files in real time 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

12.7. KMA

- Error on salinity_adjusted 0.000 ?? floats 2900170 – 2900171

netcdf D2900171_067 {

PSAL_ADJUSTED_ERROR =

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

Mix of R (cycles 001 -024-025) and D files for float 2900171

D2900171_002.nc	D2900171_010.nc	D2900171_018.nc	D2900171_028.nc	D2900171_036.nc	D2900171_044.nc	D2900171_052.nc	D2900171_060.nc	D2900171_068.nc
D2900171_003.nc	D2900171_011.nc	D2900171_019.nc	D2900171_029.nc	D2900171_037.nc	D2900171_045.nc	D2900171_053.nc	D2900171_061.nc	D2900171_069.nc
D2900171_004.nc	D2900171_012.nc	D2900171_020.nc	D2900171_030.nc	D2900171_038.nc	D2900171_046.nc	D2900171_054.nc	D2900171_062.nc	D2900171_070.nc
D2900171_005.nc	D2900171_013.nc	D2900171_021.nc	D2900171_031.nc	D2900171_039.nc	D2900171_047.nc	D2900171_055.nc	D2900171_063.nc	D2900171_071.nc
D2900171_006.nc	D2900171_014.nc	D2900171_022.nc	D2900171_032.nc	D2900171_040.nc	D2900171_048.nc	D2900171_056.nc	D2900171_064.nc	R2900171_001.nc
D2900171_007.nc	D2900171_015.nc	D2900171_023.nc	D2900171_033.nc	D2900171_041.nc	D2900171_049.nc	D2900171_057.nc	D2900171_065.nc	R2900171_024.nc
D2900171_008.nc	D2900171_016.nc	D2900171_026.nc	D2900171_034.nc	D2900171_042.nc	D2900171_050.nc	D2900171_058.nc	D2900171_066.nc	R2900171_025.nc
D2900171_009.nc	D2900171_017.nc	D2900171_027.nc	D2900171_035.nc	D2900171_043.nc	D2900171_051.nc	D2900171_059.nc	D2900171_067.nc	

12.8. KORDI/KIOST

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

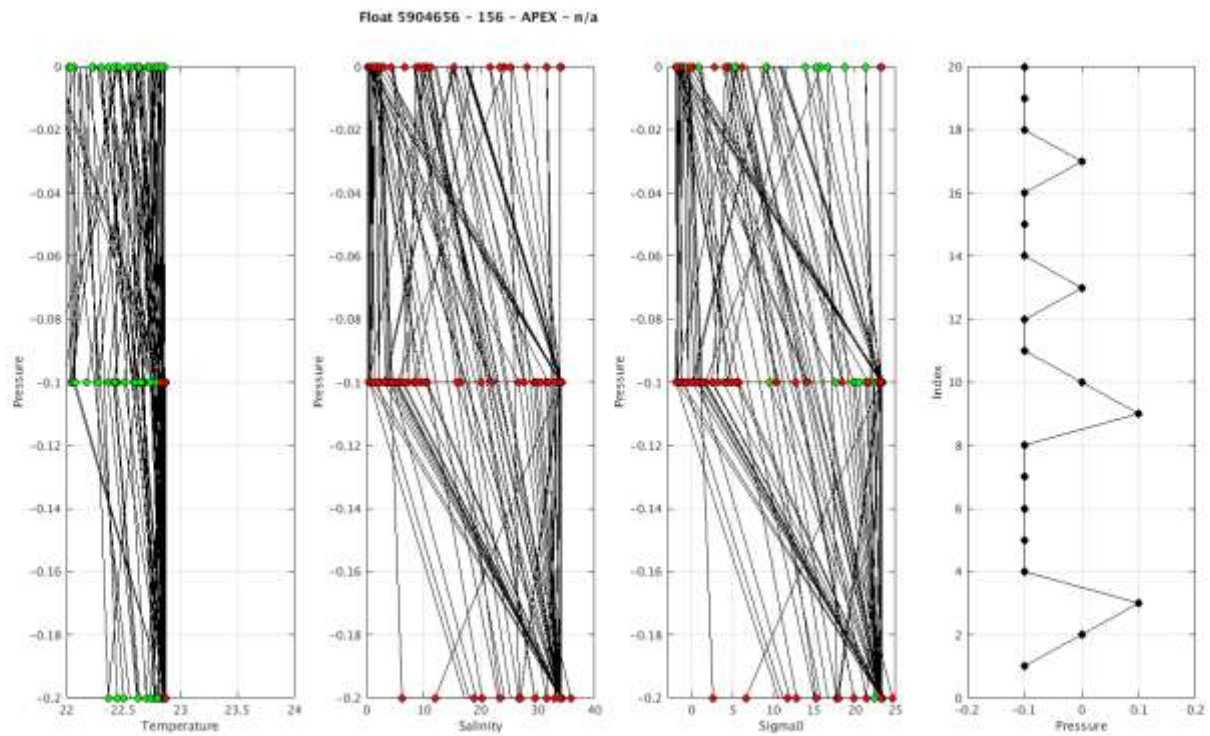
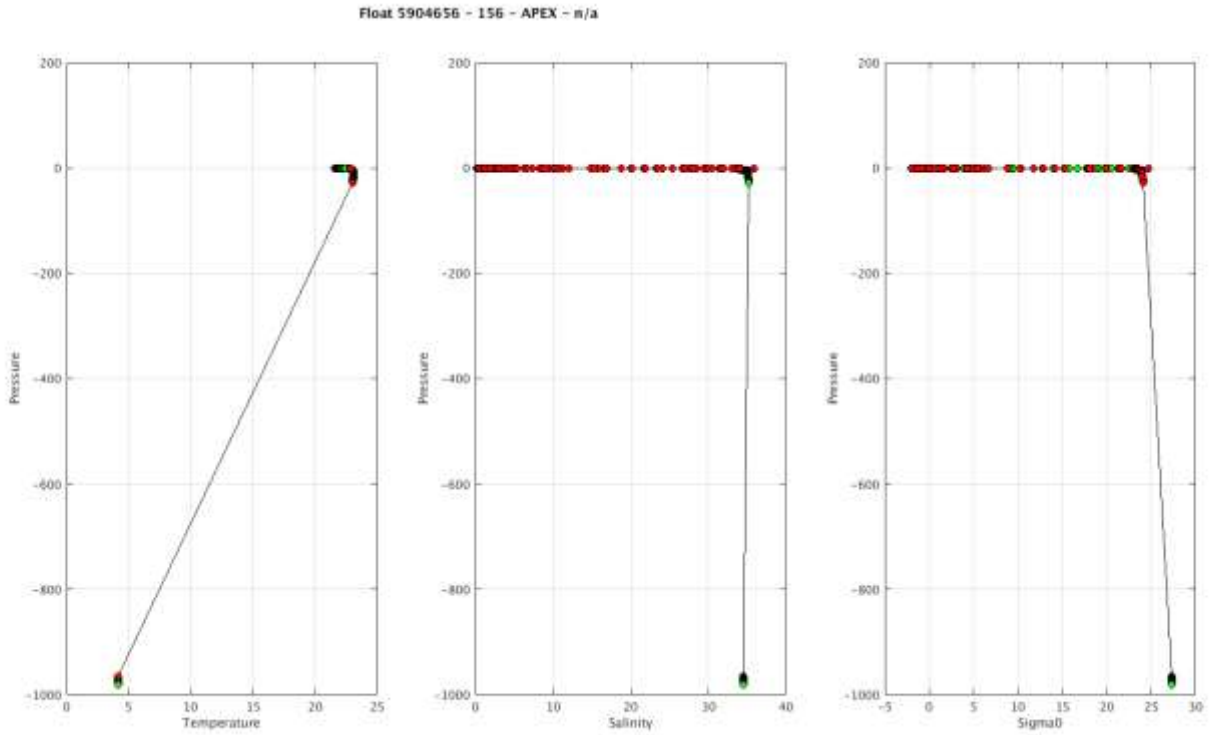
12.9. NMDIS

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

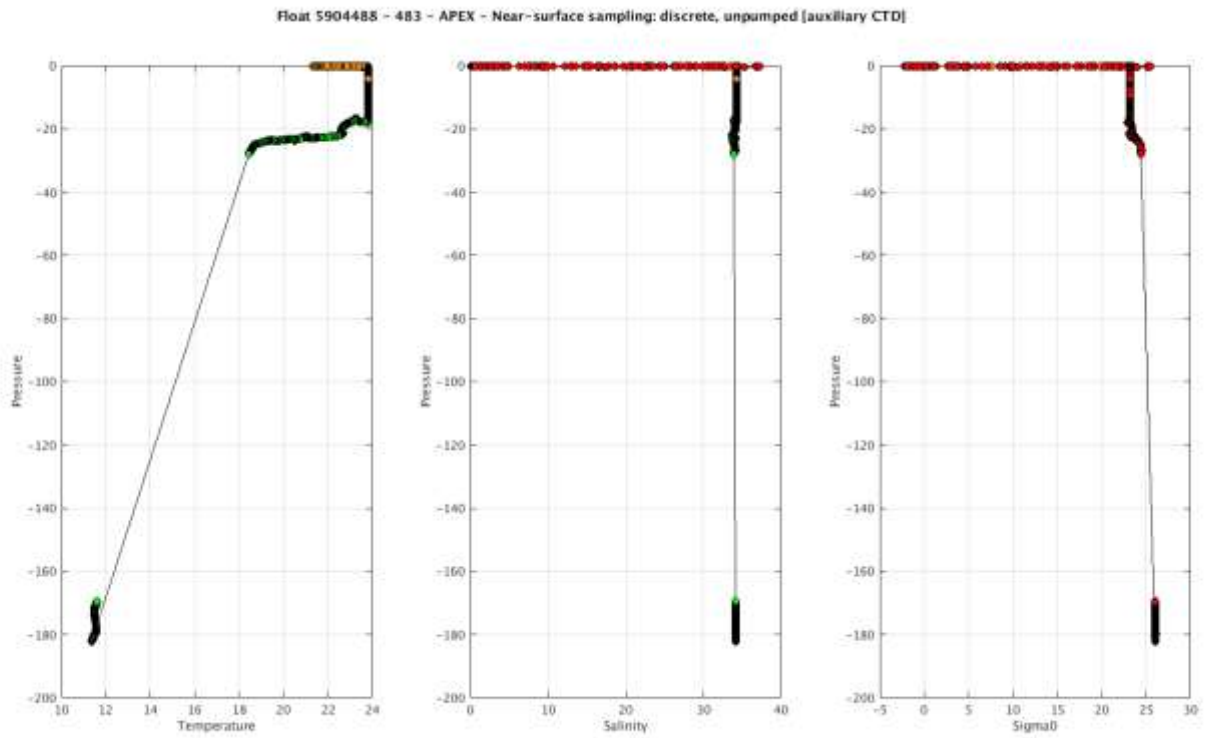
13. Automatic Tests

1. Near-surface sampling scheme

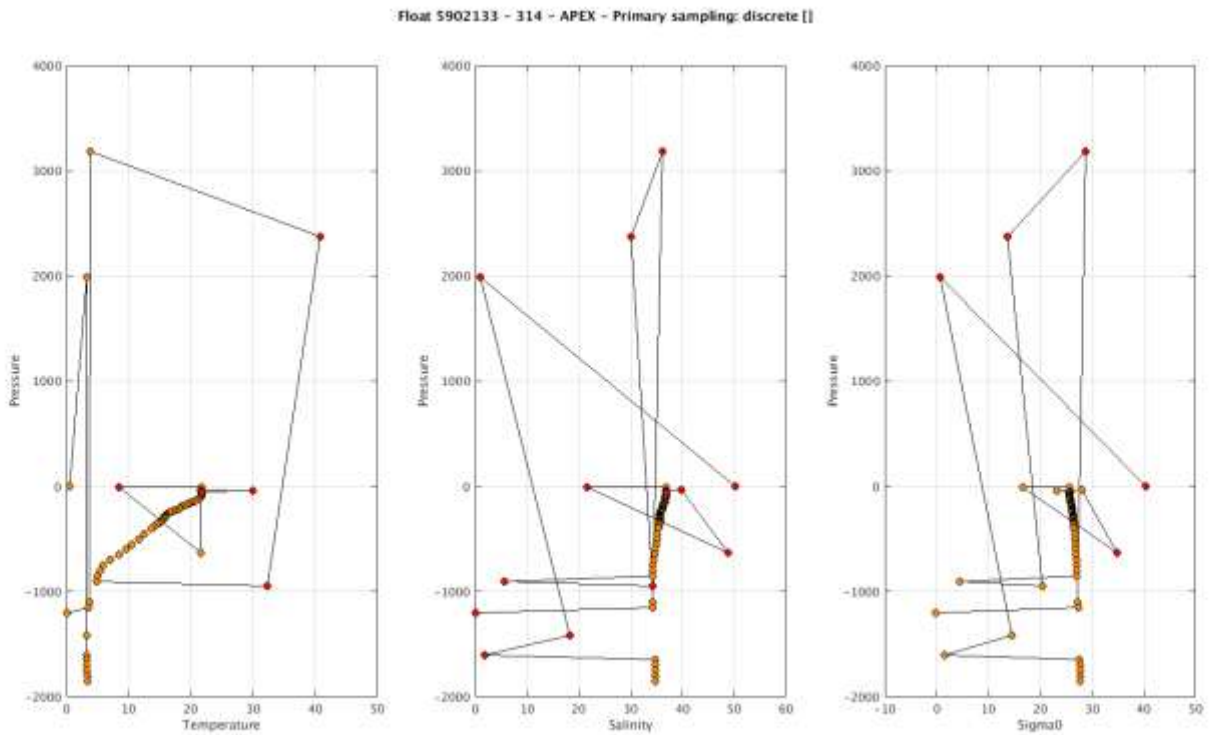
Some profiles with a sampling scheme corresponding to the near surface data show not appropriated QC on measurement. Following the Argo Quality control Manual for CTD and Trajectory data, there is 2 tests (test 21 and test 2) that should be applied to those specialized near-surface data. Especially,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



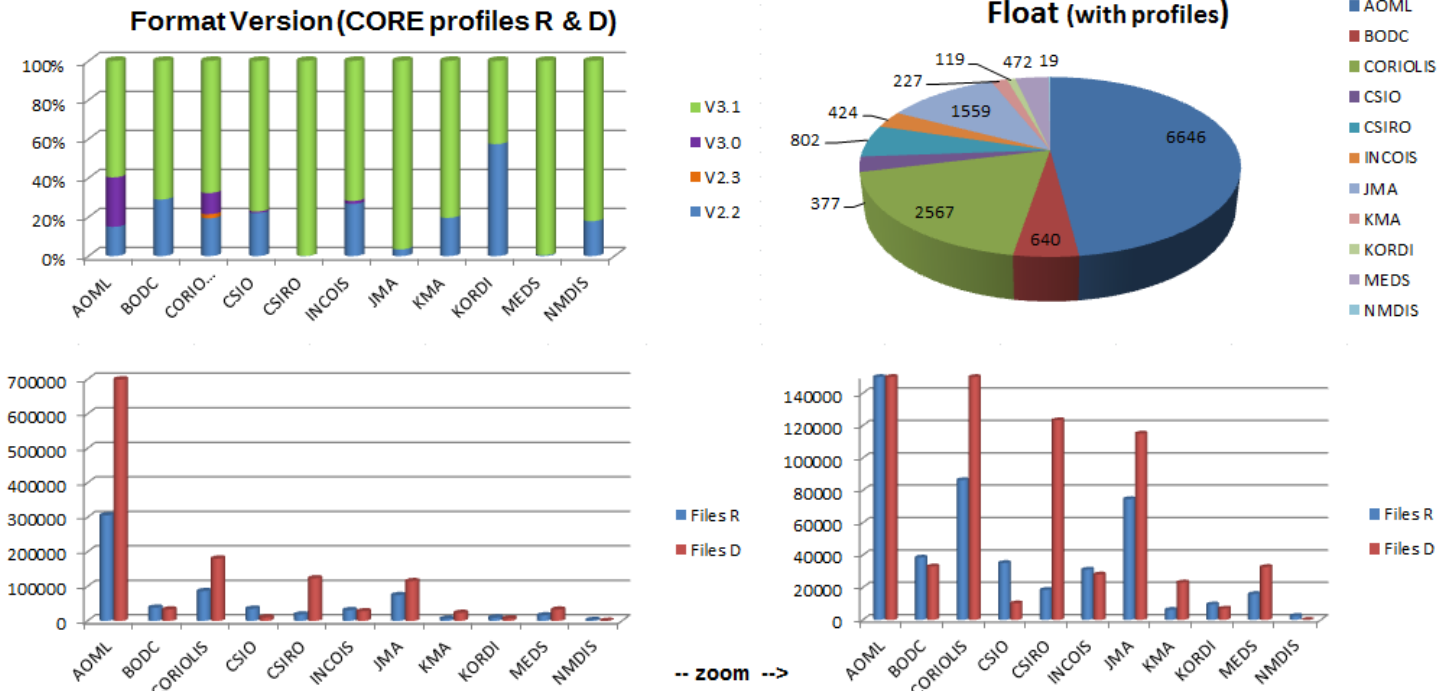
Profiles with strange groups of measurements like a strong decoding (may be some measurements should be in trajectory and not in the vertical profile).



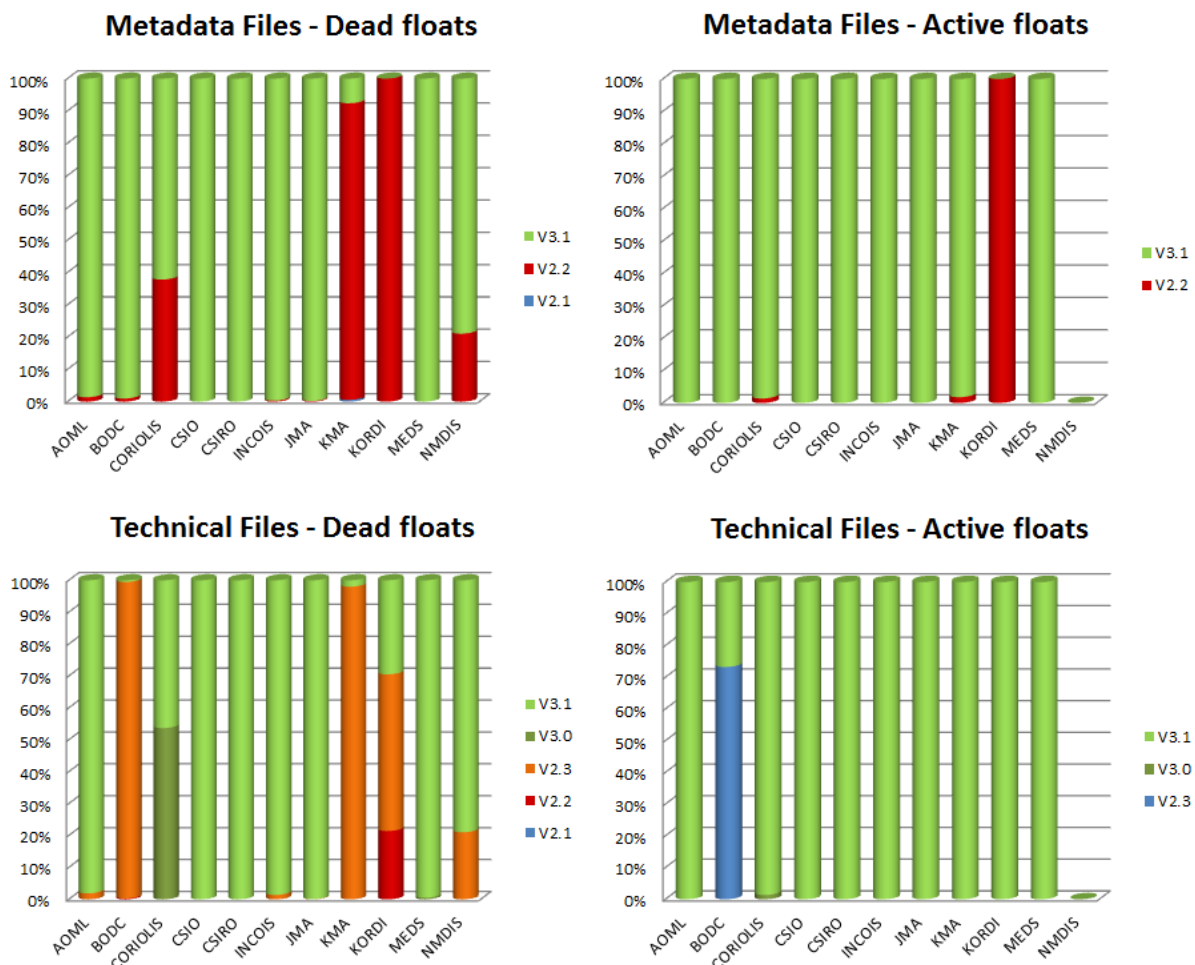
Problems of decoding

14. Statistics on floats and format version (End of December 2017)

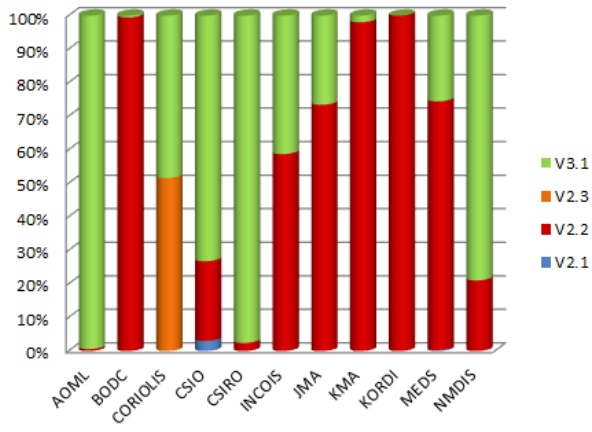
Plots showing format_version percentage, number of floats (with profiles), number of D and R files by DACs.



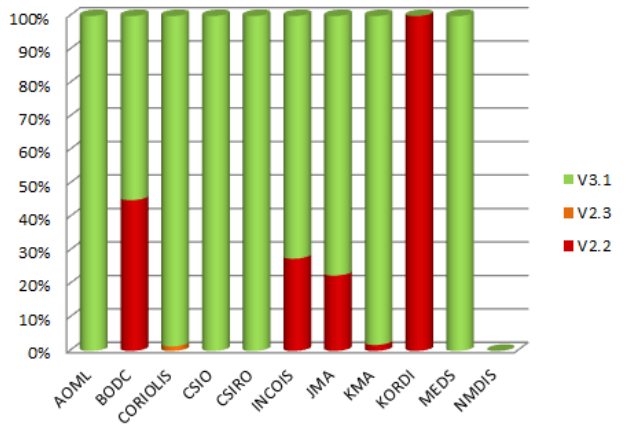
Plots showing format_version percentage, for metadata-technical-trajectory and core profiles following dead or active floats.



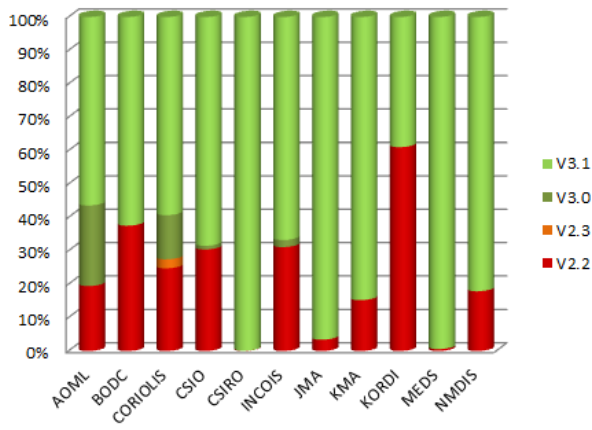
Trajectory Files - Dead floats



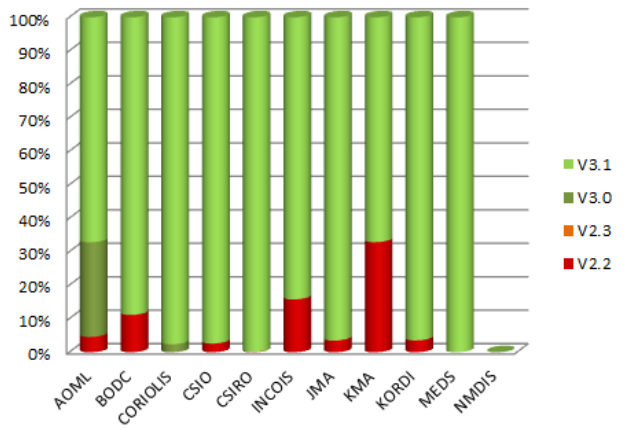
Trajectory Files - Active floats



Profile files - Dead floats

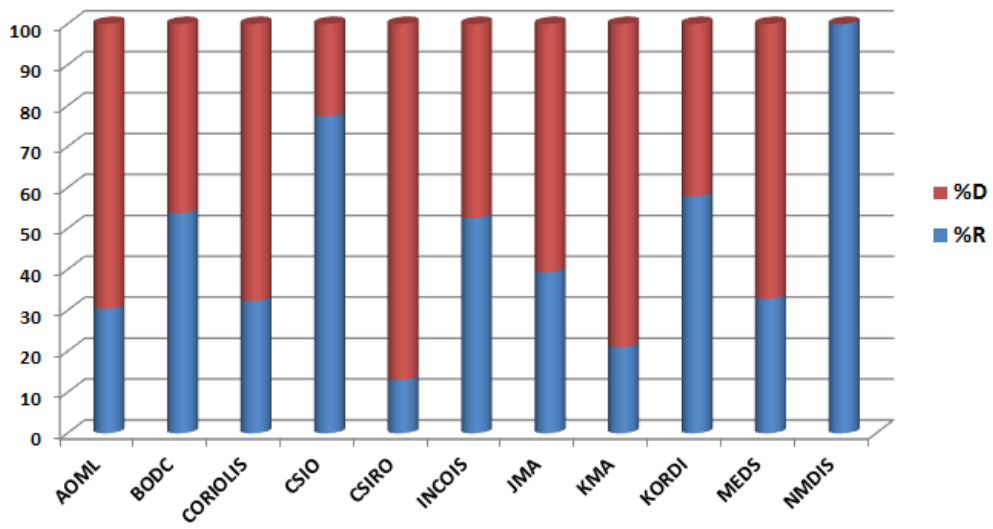


Profile Files - Active floats



Delayed mode percentage by DAC

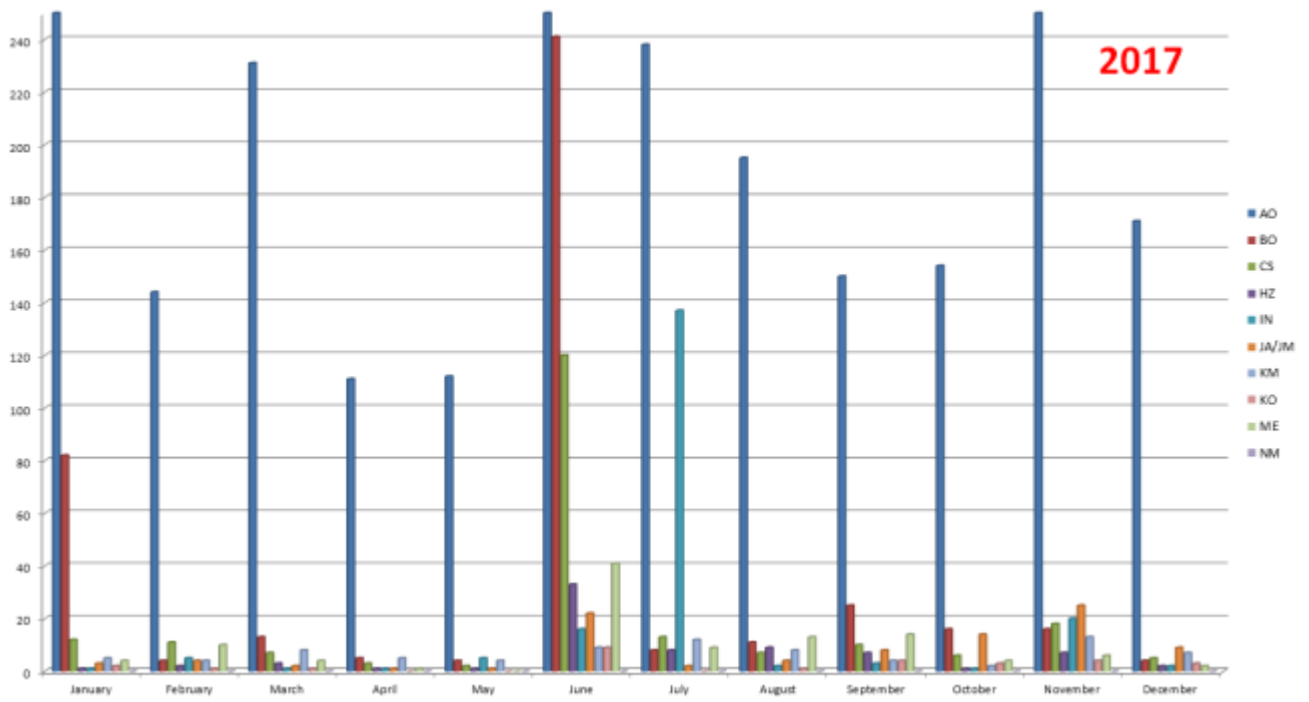
Percentage of DM and RT files by DAC



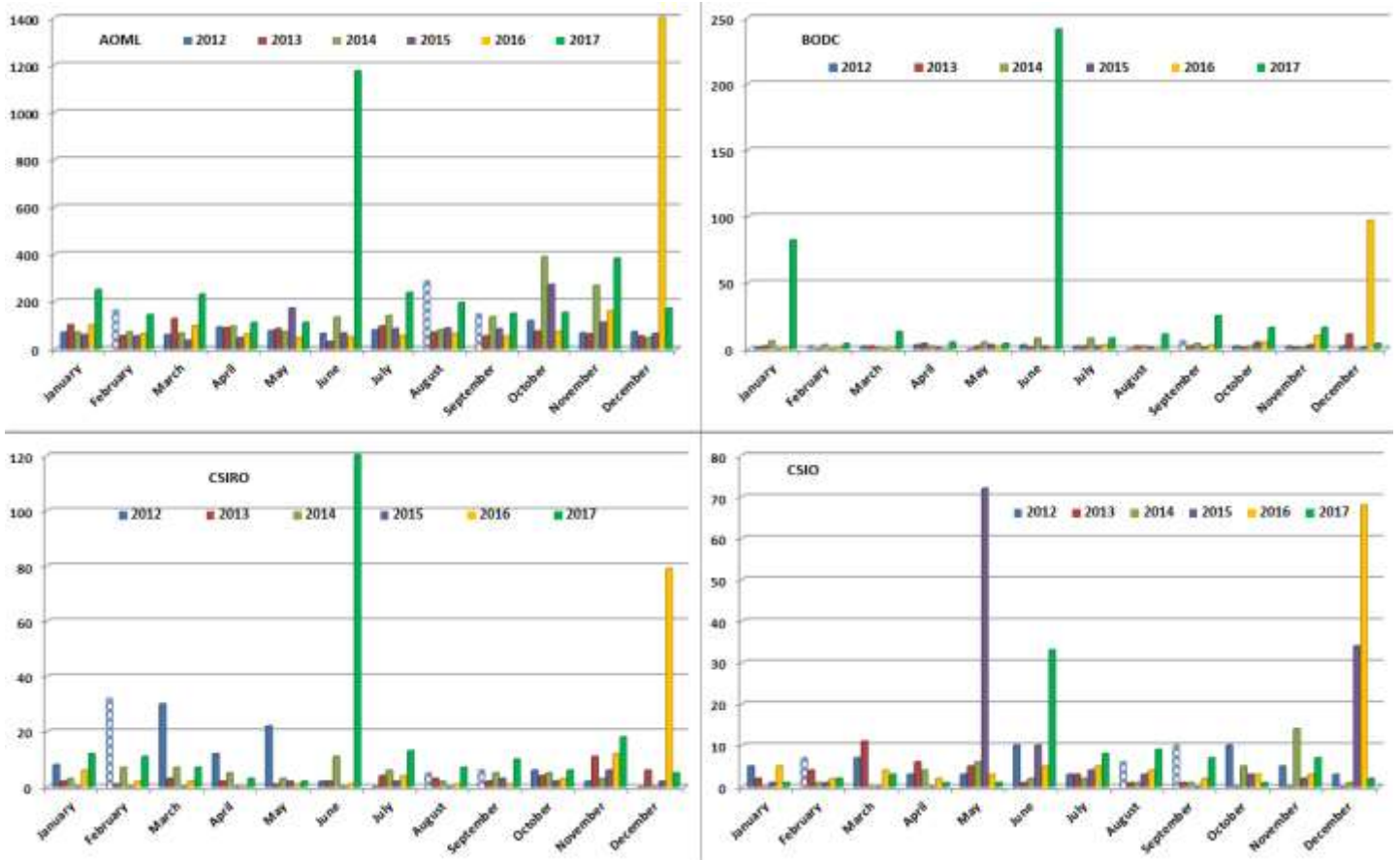
15. Statistics on anomalies

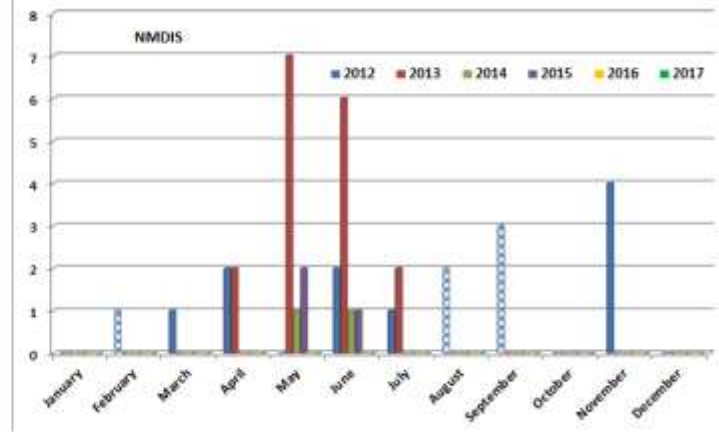
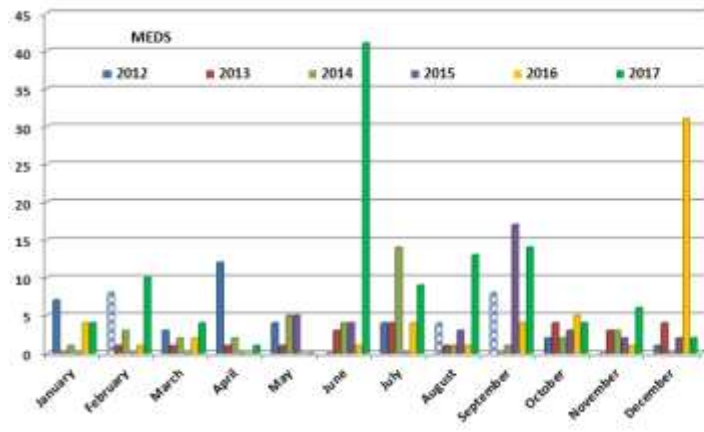
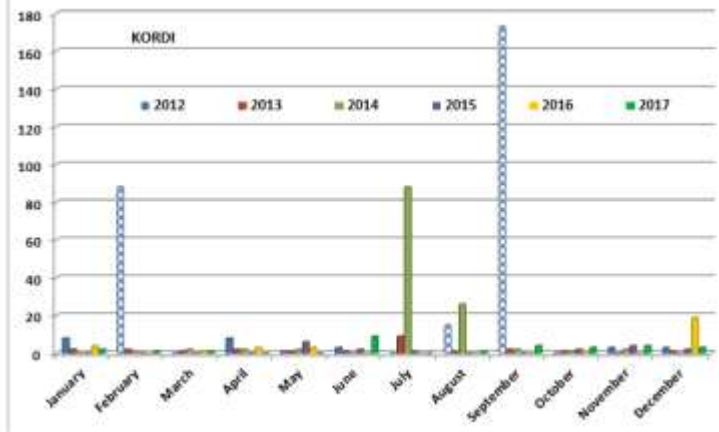
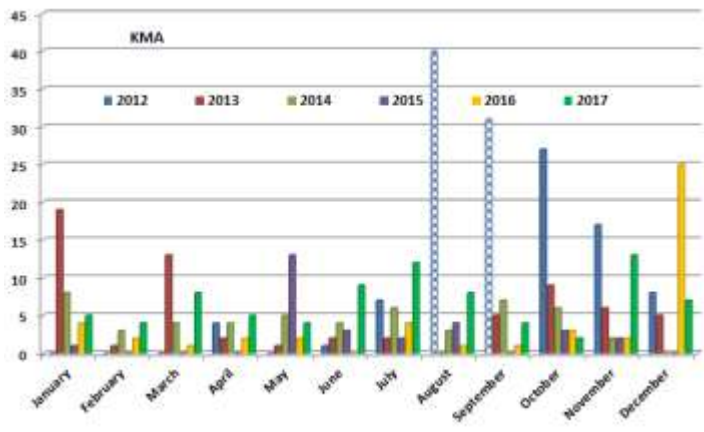
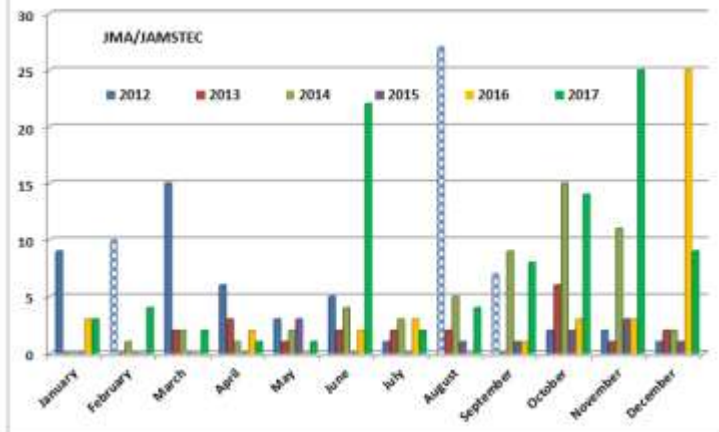
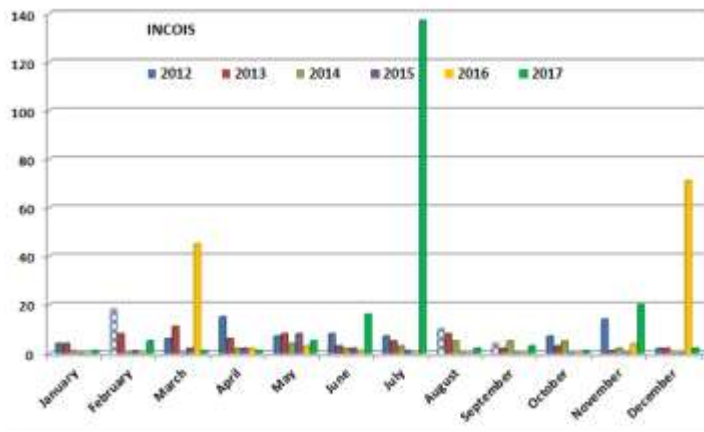
Plots showing evolution of number of anomalies by DAC.

15.1. Year



15.2. DAC





15.3. Anomalies by year, by month

