



## **GDAC Float Anomalies Monitoring**

**December 2019**

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**Coriolis**

## NOTES

### NOVEMBER 2017

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

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

AO,3901276,8,26/10/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=54124442 ,PSAL,.96,.96,1,4,Primary sampling

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

### DECEMBER 2017

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

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

### January 2018

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

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

The problem has been resolved rapidly.

### May 2018

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

### July 2018

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

### March 2019

A new table has been added with a list of floats showing a suspected drift, observed in the month. (feedback from Delphine Dobler/Coriolis)

### April 2019

Re-organization of the report

### June 2019

Many anomalies were detected following the return of the work done by the CORA team.

### September 2019

Many anomalies were detected after processing new spike test (test performed on DM files, resulting in many anomalies detected on DM profiles).

### October 2019

Many anomalies were detected after processing new spike test (test performed on RT files, resulting in many anomalies detected on RT profiles).

November 2019

Many anomalies were detected after processing MinMax method on the retroactive years (till end of 2014).

The list describing the floats has been divided in 2 parts : one for files with data\_mode = 'A' & 'R', an other for data\_mode='D'.

## Summary

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# 1. Anomalies of Argo profiles – Suspected drift

This table shows a list of floats showing a suspected drift, observed in the month. (feedback from Delphine Dobler/Coriolis).

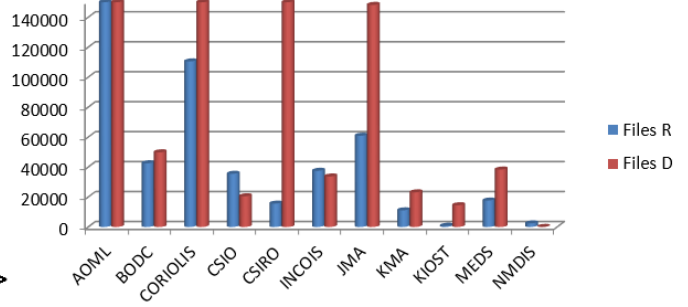
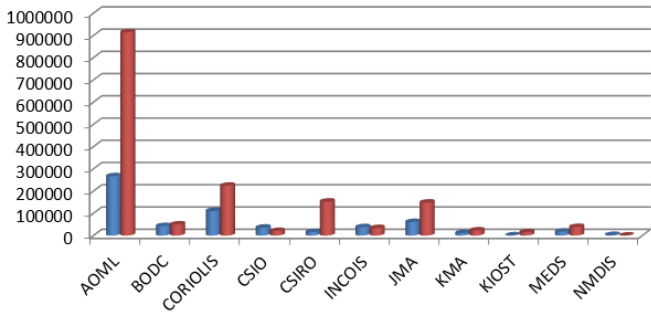
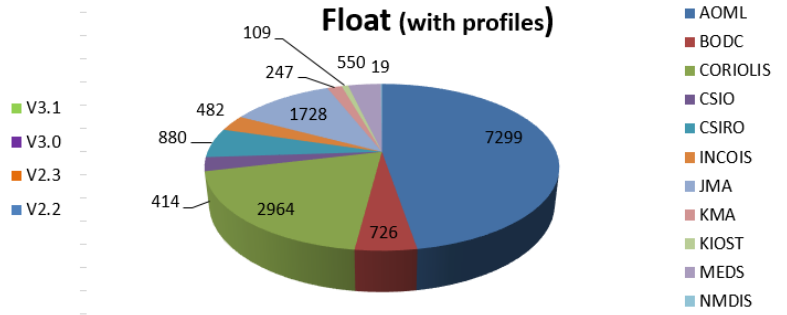
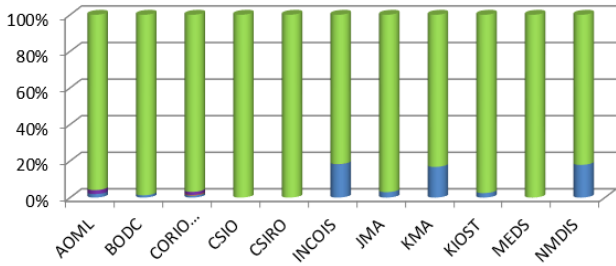
| DAC  | WMO     | PI                                      | First Station in alert | First cycle in alert | Last Station in alert | Last cycle in alert | Comment<br>All drift mentions are SUSPICION<br>drift value mentions are visual impression<br>surrounding profiles = close in space (position diff < 2 degrees latitude/longitude) and in time (date diff < 5 years)                      | SENSOR_MODEL   | SERIAL_NUM |
|------|---------|---|------------------------|----------------------|-----------------------|---------------------|--|----------------|------------|
| AOML | 5902122 | STEPHEN RISER                           |                        |                      | 2014/09/27            | 202                 | Unpumped Near-Surface sampling profiles are wrecked since #23 (2009/10/29)   | SBE41CP        | 2390       |
| AOML | 5902123 | STEPHEN RISER                           |                        |                      | 2014/11/19            | 207                 | Unpumped Near-Surface sampling profiles are drifting fresh since #80   | SBE41CP        | 2388       |
| AOML | 5903269 | STEPHEN RISER                           |                        |                      | 2015/04/16            | 182                 | Unpumped Near-Surface sampling profiles are wrecked since #117 (2013/07/04)<br>Pumped Near-Surface sampling profiles are all OK.   | SBE41CP        | 2391       |
| AOML | 5903735 | STEPHEN RISER                           |                        |                      | 2015/04/17            | 185                 | Unpumped Near-Surface sampling profiles are wrecked since #113 (2013/12/04) and a 0.05 psu fresh bias between #12 and #113<br>Pumped Near-Surface sampling profiles are all OK.  | SBE41CP        | 3559       |
| AOML | 5903749 | STEPHEN RISER                           |                        |                      | 2018/03/09            | 192                 | Unpumped Near-Surface sampling profiles are wrecked since #51 (2014/04/27)<br>Pumped Near-Surface sampling profiles are all OK.  | SBE41CP        | 3048       |
| AOML | 5903997 | STEPHEN RISER                           |                        |                      | 2015/01/15            | 230                 | Unpumped Near-Surface sampling profiles are wrecked since #26 (2012/11/23)<br>Pumped Near-Surface sampling profiles are all OK.  | SBE41CP        | 3562       |
| AOML | 5903998 | STEPHEN RISER                           |                        |                      | 2015/04/16            | 169                 | Unpumped Near-Surface sampling profiles are wrecked since #19 (2012/10/23)<br>Pumped Near-Surface sampling profiles are all OK except for #65 which may be biofouled near surface.   | SBE41CP        | 3553       |
| AOML | 5903999 | STEPHEN RISER                           |                        |                      | 2015/04/14            | 134                 | Unpumped Near-Surface sampling profiles are wrecked since #31 (2013/01/18) and before #31, there are profiles with a 0.05 salty bias but they are not continuous in cycle number ...<br>Pumped Near-Surface sampling profiles are all OK | SBE41CP        | 3556       |
| AOML | 5904005 | STEPHEN RISER                           |                        |                      | 2015/04/17            | 136                 | There is a rapid cold drift in temperature and salty drift in salinity beginning at #49<br>Pumped Near-Surface sampling profiles are all OK  | SBE41CP        | 3832       |
| AOML | 5904007 | STEPHEN RISER                           |                        |                      | 2015/04/08            | 135                 | There is a rapid warm drift in temperature and a rapid fresh drift in salinity beginning at #45 (2013/04/22)<br>Pumped Near-Surface sampling profiles are all OK   | SBE41CP        | 3831       |
| AOML | 5904008 | STEPHEN RISER                           |                        |                      | 2015/04/20            | 137                 | Unpumped Near-Surface sampling profiles are all outside the surrounding distribution but the tendency does not seem to be a linear drift. Cycles #22 to #37 are very spiky.<br>Pumped Near-Surface sampling profiles are all OK          | SBE41CP        | 3844       |
| AOML | 5904009 | STEPHEN RISER                           |                        |                      | 2017/02/06            | 216                 | Unpumped Near-Surface sampling profiles are slowly drifting salty from #48 (2013/06/11) to reach 0.2 psu on last cycle.<br>Pumped Near-Surface sampling profiles are all OK  | SBE41CP        | 3827       |
| AOML | 5904136 | STEPHEN RISER                           |                        |                      | 2016/03/04            | 127                 | Unpumped Near-Surface sampling profiles are slowly drifting fresh from maybe #60 on. This may have begun sooner though.<br>Pumped Near-Surface sampling profiles are all OK except a few small spikes at 1000 dbar                       | SBE            | 3821       |
| AOML | 5904137 | STEPHEN RISER                           |                        |                      | 2015/04/14            | 81                  | Unpumped Near-Surface sampling profiles are slowly drifting fresh from #70 (2015/01/26) on.<br>Pumped Near-Surface sampling profiles are all OK except for #110 that may be biofouled around 1000 dbar                                   | SBE41CP        | 3822       |
| AOML | 5904138 | STEPHEN RISER                           |                        |                      | 2015/04/12            | 77                  | Unpumped Near-Surface sampling profiles are slowly drifting fresh from #53 (2014/10/24) on.<br>Pumped Near-Surface sampling profiles are all OK  | SBE41CP        | 3825       |
| AOML | 5904139 | STEPHEN RISER                           |                        |                      | 2015/04/19            | 77                  | Unpumped Near-Surface sampling profiles are slowly drifting fresh from #16 (2014/02/12) on.<br>Pumped Near-Surface sampling profiles are all OK  | SBE41CP        | 3826       |
| AOML | 5904171 | STEPHEN RISER                           |                        |                      | 2017/09/02            | 202                 | Unpumped Near-Surface sampling profiles are slowly drifting fresh from #95 (2015/08/09) on.<br>Pumped Near-Surface sampling profiles are all OK  | SBE            | 3841       |
| AOML | 1902057 | GREGORY C. JOHNSON                      | 2019/03/07             | 84                   | 2019/12/02            | 111                 | #84 is 0.1 PSU saltier than platform's other profiles and surrounding profiles<br>#101 is 0.3 PSU saltier  | SBE41CP        | 8465       |
| AOML | 1902065 | BRECK OWENS, STEVEN JAYNE, P.E. ROBBINS | 2019/09/22             | 104                  | 2019/12/10            | 112                 | #104 had a strange wobbling shape at depth. It is 0.05 psu saltier than surrounding profiles. It might be biofouled or drift or both.  | SBE41CP        | 8343       |
| AOML | 1902198 | GREGORY C. JOHNSON                      | 2019/10/23             | 49                   | 2019/12/02            | 53                  | #53 is 0.05 psu saltier than surrounding profiles.   | SBE41CP        | 9911       |
| AOML | 1902199 | GREGORY C. JOHNSON                      | 2019/03/01             | 17                   | 2019/12/16            | 46                  | big fresh jump in salinity; #35 is 1.5 PSU fresher   | SBE41CP        | 9841       |
| AOML | 2902395 | BRECK OWENS, STEVEN JAYNE, P.E. ROBBINS | 2019/10/10             | 144                  | 2019/12/17            | 151                 | #144 seems to be 0.02 psu saltier at depth than surrounding profiles. This is better seen on theta-S diagram.  | SBE41CP        | 7339       |
| AOML | 2903133 | BRECK OWENS, STEVEN JAYNE, P.E. ROBBINS | 02/10/22019            | 80                   | 2019/12/11            | 87                  | #80 is 0.02 psu saltier than surrounding profiles. It is drifting since #75.   | SBE41CP        | 8382       |
| AOML | 3901156 | GREGORY C. JOHNSON                      | 2018/12/01             | 171                  | 2019/12/16            | 209                 | 0.02 psu salty jump at #171<br>#198 is 0.07 psu saltier than surrounding profiles  | SBE41CP        | 4221       |
| AOML | 3901173 | GREGORY C. JOHNSON                      | 2018/11/27             | 171                  | 2019/12/13            | 209                 | #137 dated Feb. 2018 and #138 dated July 2018. Since recovery(#138), sensor data are very noisy  | SBE41CP        | 5510       |
| AOML | 3901187 | GREGORY C. JOHNSON                      | 2019/01/10             | 176                  | 2019/12/16            | 210                 | This float had stopped emitting on the 2018/02/04 and has begun to emit once more since the 2019/01/10 in the middle of the pacific but values and shapes are totally out of bounds by 1 PSU saltier. Positions may be incorrect.        | SBE41CP        | 5507       |
| AOML | 3901222 | BRECK OWENS, STEVEN JAYNE, P.E. ROBBINS | 2019/03/05             | 132                  | 2019/12/17            | 161                 | QC2 automatically set. #142 is 0.03 PSU saltier than surrounding profiles  | SBE41CP        | 6509       |
| AOML | 3901227 | BRECK OWENS, STEVEN JAYNE, P.E. ROBBINS | 2018/11/15             | 120                  | 2019/12/18            | 160                 | QC2 automatically set. #139 is 0.07 PSU saltier than surrounding profiles  | SBE41CP        | 6486       |
| AOML | 3901238 | BRECK OWENS, STEVEN JAYNE, P.E. ROBBINS | 2019/10/20             | 101                  | 2019/12/19            | 107                 | #101 is 0.02 psu saltier than surrounding profiles and behaves differently from previous cycles (not a parallel jump). Wait for more cycles  | SBE41CP        | 7146       |
| AOML | 3901259 | GREGORY C. JOHNSON                      | 2019/02/14             | 81                   | 2019/12/11            | 111                 | drifting since at least #79.<br>#101 is 1.5 PSU saltier than surrounding profiles  | SBE41CP        | 8462       |
| AOML | 3901272 | DEAN ROEMMICH                           | 2019/12/11             | 115                  | 2019/12/11            | 115                 | Drift may begin #106. #115 is 0.03 psu saltier than surrounding profiles   | SBE41CP_V7-2.5 | 8593       |
| AOML | 3901282 | GREGORY C. JOHNSON                      | 2019/02/27             | 86                   | 2019/12/14            | 115                 | salty jump at cycle 86. salinity data are wrecked  | SBE41CP        | 8531       |
| AOML | 3901289 | GREGORY C. JOHNSON                      | 2019/02/18             | 80                   | 2019/12/15            | 110                 | #99 is 0.2 PSU saltier than surrounding profiles   | SBE41CP        | 8651       |
| AOML | 3901299 | GREGORY C. JOHNSON                      | 2019/12/15             | 45                   | 2019/12/15            | 45                  | #45 is affected by a 0.02 salty jump. Wait for more cycles   | SBE41CP        | 9957       |
| AOML | 3901814 | BRECK OWENS, STEVEN JAYNE, P.E. ROBBINS | 2018/12/30             | 111                  | 2019/12/18            | 181                 | drift began 2019/01/16<br>#159 is 0.1 PSU saltier than surrounding profiles  | SBE41CP        | 8400       |
| AOML | 3901819 | BRECK OWENS, STEVEN JAYNE, P.E. ROBBINS | 2019/03/19             | 128                  | 2019/12/05            | 180                 | drifting since #120 (2019/02/06)<br>#160 is 0.05 PSU saltier than surrounding profiles   | SBE41CP        | 8642       |
| AOML | 3901823 | BRECK OWENS, STEVEN JAYNE, P.E. ROBBINS | 2019/08/26             | 160                  | 2019/12/04            | 180                 | #160 is affected by a 0.01 psu salty jump. And the overall seemed to be gently drifting and seems to be 0.03 psu saltier at cycle 160 compared to surrounding profiles   | SBE41CP        | 8645       |
| AOML | 4901594 | BRECK OWENS, STEVEN JAYNE, P.E. ROBBINS | 2019/08/23             | 201                  | 2019/12/18            | 213                 | hard fresh jump for #201 and #202  | SBE41CP        | 4948       |
| AOML | 4902074 | GREGORY C. JOHNSON                      | 2018/04/20             | 109                  | 2019/12/11            | 169                 | The DM process had concluded a drift with QC3 on adjusted but QC3 has not been propagated to RT cycles (many missing RT cycles from 2019/02: only 6 in the period 2019/02 - 2019/10). RT cycles > 100 QCd3 in Coriolis DB.               | SBE41CP        | 7024       |
| AOML | 4902102 | BRECK OWENS, STEVEN JAYNE, P.E. ROBBINS | 2019/12/19             | 3168                 | 2019/12/19            | 3168                | #3168 is affected by a 0.2 psu salty jump. Wait for more cycles  | SBE41CP        | 6488       |
| AOML | 4902312 | GREGORY C. JOHNSON                      | 2019/02/15             | 102                  | 2019/12/12            | 132                 | #121 (2019/08/24) is 0.1 PSU saltier than surrounding profiles   | SBE41CP        | 7557       |
| AOML | 4902893 | GREGORY C. JOHNSON                      | 2019/04/15             | 89                   | 2019/12/11            | 113                 | #103 is 0.07 PSU saltier than the core of the profiles distribution of surrounding platforms but there are other similar measurements from surrounding profiles. It would deserve DMQC .<br>Cycles 20 to 22 are affected by fresh jump   | SBE41CP        | 8007       |
| AOML | 4902895 | GREGORY C. JOHNSON                      | 2019/02/28             | 84                   | 2019/12/15            | 113                 | #102 is 0.07 PSU saltier than surrounding profiles   | SBE41CP        | 8012       |
| AOML | 4902901 | GREGORY C. JOHNSON                      | 2018/12/19             | 74                   | 2019/12/14            | 110                 | undoubtedly drifting (0.04 PSU saltier on 2018/12/19); hard salty jumps from cycle 80 (2019/02/17)   | SBE41CP        | 8692       |
| AOML | 4902905 | GREGORY C. JOHNSON                      | 2019/05/08             | 86                   | 2019/12/14            | 108                 | #97 is 0.03 PSU saltier than surrounding profiles  | SBE41CP        | 8709       |
| AOML | 4902911 | BRECK OWENS, STEVEN JAYNE, P.E. ROBBINS | 2018/12/02             | 63                   | 2019/12/13            | 101                 | #85 is 0.1 PSU saltier than surrounding profiles but values seem to be back to nominal from cycle #86 on.  | SBE41CP        | 8551       |
| AOML | 4902915 | BRECK OWENS, STEVEN JAYNE, P.E. ROBBINS | 2018/11/21             | 108                  | 2019/12/19            | 187                 | seems to be depth-dependant and affect temperature as well since #35 (2107/11/23)<br>#160 (2019/08/06) is 0.2 PSU fresher at 2000 dbar.  | SBE41CP        | 8540       |
| AOML | 4903030 | GREGORY C. JOHNSON                      | 2019/12/08             | 53                   | 2019/12/18            | 54                  | #53 is 0.06 psu saltier than surrounding profiles and than cycle 51. Cycle 52 is 0.03 psu saltier than cycle 51.   | SBE41CP        | 10574      |
| AOML | 4903033 | GREGORY C. JOHNSON                      | 2019/10/01             | 46                   | 2019/12/20            | 54                  | #46 (2019/10/01) is affected by a 0.04 psu salty jump. Wait for more cycles.   | SBE41CP        | 10577      |
| AOML | 4903034 | GREGORY C. JOHNSON                      | 2019/08/19             | 33                   | 2019/12/17            | 45                  | 0.05 PSU salty jump since #32  | SBE41CP        | 10758      |
| AOML | 4903173 | GREGORY C. JOHNSON                      | 2019/12/05             | 42                   | 2019/12/15            | 43                  | #42 and #43 are 0.04 psu saltier than surrounding profiles. Drift may have begun #38   | SBE41CP        | 10997      |
| AOML | 4903174 | GREGORY C. JOHNSON                      | 2018/11/28             | 5                    | 2019/12/13            | 43                  | First cycles are fresher than surrounding profiles.<br>#32 (2019/08/25) is 0.1 PSU saltier than surrounding profiles   | SBE41CP        | 11044      |
| AOML | 4903175 | GREGORY C. JOHNSON                      | 2019/08/15             | 30                   | 2019/12/13            | 42                  | #29 and #30 are affected by a 0.03 PSU salty jump  | SBE41CP        | 11040      |
| AOML | 4903177 | GREGORY C. JOHNSON                      | 2019/09/04             | 31                   | 2019/12/13            | 41                  | #31 is affected by a 0.02 psu salty jump. Wait for more cycles   | SBE41CP        | 11046      |
| AOML | 4903181 | GREGORY C. JOHNSON                      | 2019/04/23             | 18                   | 2019/12/19            | 42                  | #31 is 0.08 psu saltier than surrounding profiles, may be depth dependant<br>#35 is not parallel => QC4  | SBE41CP        | 11050      |
| AOML | 4903183 | GREGORY C. JOHNSON                      | 2019/03/04             | 13                   | 2019/12/19            | 42                  | #31 is 0.2 PSU saltier than surrounding profiles   | SBE41CP        | 11041      |
| AOML | 4903184 | GREGORY C. JOHNSON                      | 2019/12/19             | 42                   | 2019/12/19            | 42                  | #42 is 0.02 psu saltier than surrounding profiles  | SBE41CP        | 11042      |
| AOML | 4903186 | GREGORY C. JOHNSON                      | 2019/07/14             | 12                   | 2019/12/11            | 27                  | #17 (2019/09/02) is 0.04 PSU saltier than surrounding profiles   | SBE41CP        | 11067      |
| AOML | 4903188 | GREGORY C. JOHNSON                      | 2019/10/10             | 21                   | 2019/12/19            | 28                  | #25 (2019/11/21) is 0.8 PSU saltier than surrounding profiles  | SBE41CP        | 11069      |
| AOML | 5903806 | GREGORY C. JOHNSON                      | 2019/07/08             | 257                  | 2019/12/15            | 272                 | #257 is 0.04 PSU saltier than surrounding profiles.  | SBE41          | 5646       |
| AOML | 5904401 | STEPHEN RISER                           | 2018/11/26             | 155                  | 2019/12/17            | 193                 | QC 2 automatically set.<br>#172 is 0.05 PSU saltier than surrounding profiles  | SBE41          | 6396       |
| AOML | 5904536 | DEAN ROEMMICH                           | 2019/09/22             | 238                  | 2019/11/23            | 248                 | #238 is affected by a 0.3 PSU fresh jump. #239 is back to nominal values. Wait for more cycles.  | SBE41CP_V3.0c  | 5311       |

|          |         |                     |            |      |            |     |  |                |       |
|----------|---------|---------------------|------------|------|------------|-----|--|----------------|-------|
| AOML     | 5904587 | GREGORY C. JOHNSON  | 2019/02/18 | 140  | 2019/12/15 | 170 | This float is drifting since approx #117. The delayed mode applied an adjustment until cycle 143. There are a gap until new RT begins once more at cycle 163. The DM adjustment is not propagated. #163 is 0.06 psu saltier than surrounding profiles.   | SBE41CP        | 6288  |
| AOML     | 5904590 | GREGORY C. JOHNSON  | 2019/09/05 | 155  | 2019/12/14 | 165 | The float had stop emitting #53 (2016/11/19) and has come back to life #150 (2019/07/17). The position was back #155(2019/09/05) with a 0.3 psu salty jump.  | SBE41CP        | 6311  |
| AOML     | 5904739 | GREGORY C. JOHNSON  | 2018/12/27 | 82   | 2019/12/12 | 117 | corrected in adjusted, but drift may have increased, with a noticeable jump cycle 83.  | SBE41CP        | 7689  |
| AOML     | 5904948 | GREGORY C. JOHNSON  | 2018/11/24 | 68   | 2019/12/19 | 107 | was drifting until cycle 67 when hard drift occurs   | SBE41CP        | 8641  |
| AOML     | 5905288 | GREGORY C. JOHNSON  | 2019/12/09 | 90   | 2019/12/19 | 91  | #90 is 0.04 psu saltier than surrounding profiles. Smooth drift seems to have begun from the beginning.  | SBE41CP        | 9043  |
| AOML     | 5905353 | STEPHEN RISER       | 2018/11/27 | 38   | 2019/12/19 | 79  | QC2 automatically set.<br>#58 is 0.04 psu saltier. DM until #57  | SBE41CP        | 6427  |
| AOML     | 5905691 | DEAN ROEMMICH       | 2019/12/14 | 52   | 2019/12/14 | 52  | #52 is 0.08 psu saltier than surrounding profiles. This is probably a drift that may have begun #50.   | SBE41CP_V7.2.5 | 9825  |
| AOML     | 5905730 | GREGORY C. JOHNSON  | 2019/04/15 | 33   | 2019/12/11 | 57  | #47 (2019/09/02) is 0.05 psu saltier than surrounding profiles   | SBE41CP        | 9857  |
| AOML     | 5905732 | GREGORY C. JOHNSON  | 2019/04/21 | 36   | 2019/12/17 | 60  | rapid drift<br>#36 is 0.05 PSU saltier<br>#49 is 0.3 PSU saltier   | SBE41CP_V7.2.5 | 9964  |
| AOML     | 5905736 | GREGORY C. JOHNSON  | 2019/04/23 | 36   | 2019/12/19 | 60  | #36 is 0.04 PSU saltier than surrounding profiles<br>#49 is back 0.01 PSU saltier than surrounding profiles  | SBE41CP        | 10067 |
| AOML     | 5905743 | GREGORY C. JOHNSON  | 2019/12/07 | 53   | 2019/12/17 | 54  | #53 and #54 are 0.02 psu saltier than surrounding profiles. The drift seems to begin #50   | SBE41CP        | 10559 |
| AOML     | 5905744 | GREGORY C. JOHNSON  | 2019/04/01 | 28   | 2019/12/17 | 54  | jump in salinity:#29 is 0.07 PSU saltier than surrounding profiles   | SBE41CP        | 10560 |
| AOML     | 5906098 | GREGORY C. JOHNSON  | 2019/06/11 | 2    | 2019/12/18 | 21  | Very fresh first cycles (#10 is still 0.3 PSU fresher than expected)   | SBE41CP        | 11099 |
| BODC     | 1901914 | Jon Turton          | 2019/10/10 | 1    | 2019/12/19 | 8   | The first two cycles are 0.1 psu saltier than surrounding profiles. The serial number of the conductivity sensor is weird too small for a recent float ...   | SBE41CP_V7.2.5 | 3984  |
| BODC     | 2901897 | Brian King          | 2019/10/30 | 194  | 2019/12/05 | 198 | There is 0.05 psu salty jump for #194 with respect to previous cycle. The 0.05 salty jump is confirmed when compared with surrounding profiles.  | SBE41CP        | 7923  |
| BODC     | 3901548 | Jon Turton          | 2018/11/24 | 5    | 2019/11/29 | 42  | sudden offset; not GL; back in good psal domain on cycle 8 (24/12/2018); drifting more and more cycle 14 reached 0.7 PSU. Temperature of cycle 14 is also strange (0.5 °C warmer than classical values at 1800 dbar)<br>Both Temp and Salinity out at cycle 21   | SBE41          | 7001  |
| BODC     | 3901893 | Josep Lluís Pelegrí | 2019/06/14 | 97   | 2019/12/11 | 115 | <b>#97 is 0.05 psu saltier than surrounding profiles</b><br><b>#102 is 0.2 psu saltier than surrounding profiles</b><br><b>Note that 2 bad cycles (13-D and 28-D) could be also set to QC4.</b><br><b>DM until cycle 79 - 2018/12/16</b>   | SBE41CP_V7.2.5 | 8261  |
| BODC     | 3901894 | Josep Lluís Pelegrí | 2019/09/02 | 105  | 2019/12/11 | 115 | #105 is 0.05 psu saltier than surrounding profiles. It is hard to tell when the drift may have begun as it is travelling long distance in the ACC.   | SBE41CP_V7.2.5 | 8262  |
| BODC     | 3901957 | Dimitris Kassis     | #N/A       | #N/A | 2019/12/16 | 119 | slightly drifting: last cycle (#79) is 0.04 PSU saltier than the first cycles and than surrounding profiles. It may have begun #69.<br>#104 shows a big fresh jump of -3 PSU.  | SBE41CP_V7.2.5 | 8615  |
| CORIOLIS | 3901652 | Birgit Klein        | 2019/11/16 | 65   | 2019/12/16 | 68  | #65 is 0.08 psu saltier than #63 (#64 is +0.02 psu). It is also 0.05 psu saltier than surrounding profiles. A few surrounding profiles are at the same psu values but with QC3. The abrupt jump w.r.t previous profiles of the float in a collocated area makes me suspect rapid drift. Wait for a few more cycles to confirm.   | SBE41CP_V7.2.5 | 9999  |
| CORIOLIS | 3901869 | Peter Brandt        | 2019/12/17 | 114  | 2019/12/17 | 114 | #114 is affected by a 0.02 psu salty jump (and is 0.02 psu saltier than surrounding profiles. Wait for more cycles   | SBE41CP_V7.2.5 | 8122  |
| CORIOLIS | 3901931 | Sabrina Speich      | 2019/11/27 | 105  | 2019/12/17 | 107 | #105 and #106 are affected by fresher values (-0.35 at depth) but profiles are not parallel with previous cycles.  | SBE41CP_V7.2.5 | 8497  |
| CORIOLIS | 6901256 | Pedro Velez         | 2019/12/15 | 57   | 2019/12/15 | 57  | #57 is 0.1 PSU saltier than surrounding profiles   | SBE41CP_V7.2.5 | 9921  |
| CORIOLIS | 6902658 | Christine COATANOAN | 2019/08/18 | 120  | 2019/12/16 | 132 | #120 and #121 are affected by a 0.04 psu salty jump<br>No DMQC yet   | SBE41CP_V2     | 7052  |
| CORIOLIS | 6902674 | Vincent ECHEVIN     | 2019/11/12 | 139  | 2019/11/12 | 139 | #139 is 0.015 psu saltier than surrounding profiles.   | SBE41CP_V2     | 7049  |
| CORIOLIS | 6902712 | Christine COATANOAN | 2019/12/01 | 107  | 2019/12/11 | 108 | Seems to be gently drifting salty.   | SBE41CP_V7.2.5 | 8215  |
| CORIOLIS | 6902746 | Guillaume MAZE      | 2019/09/11 | 105  | 2019/12/10 | 114 | #105 might be 0.02 psu saltier than surrounding profiles but few profiles in the surroundings, wait for more cycles. The suspicion is more evident #109 as salinity shifts salty. There seems to be 0.02 psu saltier. QC3 from #109 on.  | SBE41CP_V7.2.5 | 8914  |
| CORIOLIS | 6902757 | Guillaume MAZE      | 2019/11/21 | 112  | 2019/12/11 | 114 | #112 is affected by a 1 psu salty jump. Wait for next cycles.  | SBE41CP_V7.2.5 | 8905  |
| CORIOLIS | 6902855 | Fabrizio D'ORTENZIO | 2019/09/23 | 82   | 2019/12/17 | 99  | #83 is 0.03 psu saltier than surrounding profiles. Drift may have begun #77 (2019/08/29)   | SBE41CP_V7.2.5 | 9683  |
| CORIOLIS | 6902921 | Sophie CRAVATTE     | 2019/11/27 | 28   | 2019/11/27 | 28  | #28 is 0.02 psu saltier than surrounding profiles. It is a salty jump compared to #27 which is inside the salinity distribution. Wait for more cycles.   | SBE41CP_V7.2.5 | 10767 |
| CSIO     | 2902600 | ZENGHONG LIU        | 2019/01/06 | 158  | 2019/11/02 | 188 | strange, out of other platforms/profiles by approx 0.05 PSU but it's not parallel to other profiles of the same float ...<br>No alarm between 2019/04/06 and 2019/10/13 where<br>#186 is more than 1 psu fresher than expected.<br>Wait for more cycles  | SBE41CP        | 5022  |
| CSIO     | 2902729 | JIANPING XU         | 2019/10/20 | 372  | 2019/11/22 | 387 | #372 seems affected by a 0.01 psu fresh jump. Wait for more cycles   | SBE41CP_V7.2.5 | 9420  |
| CSIRO    | 5904248 | Susan Wijffels      | 2019/08/24 | 226  | 2019/11/20 | 235 | #226 is affected by a 0.15 PSU salty depth-dependant jump; wait for more cycles<br>CSIRO comment (20191204): "This float has been identified as drifting salty and adjusted in DMQC up to cycle 204.<br>Later cycles are drifting more strongly but have not been adjusted in RT. I have set the<br>PSAL to QC-3 for cycles 230-236."  | SBE41CP_V2     | 3856  |
| CSIRO    | 5905029 | Susan Wijffels      | 2019/11/18 | 141  | 2019/11/18 | 141 | #141 is 0.1 psu saltier than surrounding profiles. Normally there is an adjustment in real-time and as it is far from constant, I suppose it is an autoscale adjustment using CAR52009 climatology. I have QCd 3 from #87 on.  | SBE41CP_V2     | 7010  |
| INCOIS   | 2902166 | M Ravichandran      | 2019/09/11 | 170  | 2019/11/30 | 178 | There is an erratic adjustment in real_time: 27 cycles here and there have an adjustment unlinked to an adjustment in pressure. The adjustment is 0.22 PSU at #170, but #170 appears to be only 0.05 psu saltier than surrounding profiles. The actual adjustment causes #170 PSAL_ADJUSTED to be 0.1 PSU fresher at depth than the fresher side of the main distribution of surrounding profiles. | SBE41          | 6587  |
| INCOIS   | 2902209 | M Ravichandran      | 2019/03/10 | 92   | 2019/12/10 | 120 | drifting since #87 (2019/01/20) and shape has changed, probably because it entered an eddy-rich region<br>#109 (20190824) is 0.25 psu saltier than surrounding profiles  | SBE41CP        | 8353  |
| INCOIS   | 2902233 | M Ravichandran      |            |      | 2019/12/20 | 276 | The real-time adjustment has reached 1 PSU but adjusted profile is out of bounds for # 256   | SBE41CP        | 9526  |
| INCOIS   | 2902235 | M Ravichandran      | 2019/12/20 | 276  | 2019/12/20 | 276 | This float is drifting probably since #210, but the drift does not seem to be uniform, the saltier cycle being #230. Real-time profiles are adjusted, probably with CAR509, #272 was not adjusted but is 0.02 psu saltier than surrounding profiles.   | SBE41CP        | 9528  |
| INCOIS   | 2902236 | M Ravichandran      | 2019/12/11 | 181  | 2019/12/16 | 182 | This float is showing a rapid salty drift beginning at cycle 179 and already reaching 0.15 PSU at cycle 181  | SBE41CP        | 9529  |
| INCOIS   | 2902266 | M Ravichandran      | 2019/06/25 | 15   | 2019/12/12 | 32  | Hard fresh jump since #15 (2019/06/25)   | SBE41CP        | 11197 |
| JMA      | 2903191 | JMA                 | 2019/10/25 | 129  | 2019/12/19 | 140 | seems to be drifting smoothly. #129 reaches 0.02 psu saltier than surrounding profiles   | SBE41CP_V7.2.5 | 9742  |
| JMA      | 2903212 | JAMSTEC             | 2018/12/01 | 35   | 2019/12/15 | 67  | highly biased (by approx 0.4 psu)<br>Yuka Okunaka answered they are looking with the constructor: flag are set by recommendation from ADMT, that is QC1.<br>Yuka's comment from 2019/09/19: "The qc flags of the following floats will be decided when the D-files are created. Float :<br>2903212 - Cycle : 49 - 55"  | SBE61          | 5631  |
| JMA      | 2903214 | JMA                 | 2019/07/02 | 103  | 2019/12/19 | 137 | #103 and #104 are 0.03 PSU saltier than surrounding profiles but #105 and after are back to expected values.<br>#125 is 0.06 psu saltier than surrounding platforms. QCd 3. Wait for more cycles   | SBE41CP_V2     | 9743  |
| JMA      | 4902374 | JAMSTEC             | 2019/12/11 | 92   | 2019/12/11 | 92  | #92 is 0.1 psu saltier than surrounding profiles. Drift may have begun #89   | SBE41CP_V7.2.5 | 8331  |
| KMA      | 2901744 | ByungHwan Lim       | 2019/01/17 | 191  | 2019/11/21 | 235 | rapid salty drift, beginning at #188 approximately<br>#223 is 0.5 PSU saltier than surrounding profiles  | SBE41CP        |       |
| KMA      | 2901758 | Jaeyoung Byon       | 2018/11/27 | 76   | 2019/12/02 | 110 | rapid salty drift beginning at #66 (2018/06/10)<br>#101 is 0.7 psu saltier than surrounding profiles   | SBE41CP        |       |
| KMA      | 2901759 | Jaeyoung Byon       | 2018/11/27 | 85   | 2019/12/02 | 122 | rapid salty drift beginning at #45 (2017/10/23) approximately<br>#60 is 0.3 psu saltier than surrounding profiles<br>from #45: QCd 4   | SBE41CP        |       |
| KMA      | 2901760 | Jaeyoung Byon       | 2019/02/06 | 92   | 2019/12/13 | 123 | #112 is 0.08 psu saltier than surrounding profiles   | SBE41CP        |       |
| KMA      | 2901765 | Jaeyoung Byon       | 2018/11/29 | 85   | 2019/12/14 | 123 | May be slightly drifting since the beginning. #125 is 0.04 psu saltier than surrounding profiles   | SBE41CP        |       |
| MEDS     | 4901818 | Blair Greenan       | 2019/10/26 | 121  | 2019/12/05 | 125 | Seems to be drifting since #115. #121 is 0.02 psu saltier than surrounding profiles  | SBE41CP        | 8035  |
| MEDS     | 4902465 | Blair Greenan       | 2019/12/03 | 51   | 2019/12/13 | 52  | #51 is 0.04 psu saltier than surrounding profiles. Drift may have begun cycle 47.  | SBE41CP        | 10565 |

## 2. Statistics on floats and format version (End of November 2019)

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

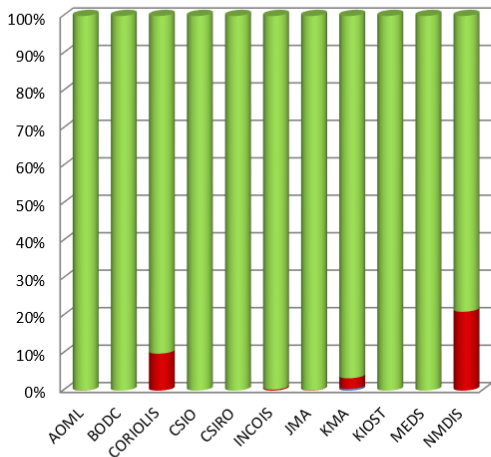
**Format Version (CORE profiles R & D)**



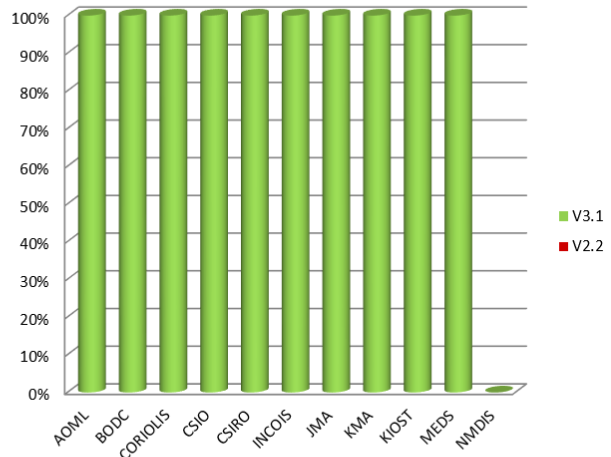
-- zoom -->

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

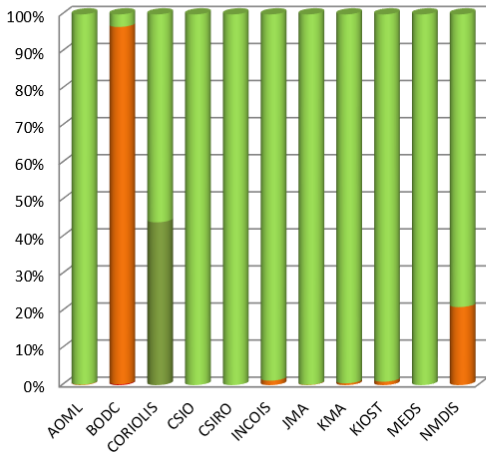
**Metadata Files - Dead floats**



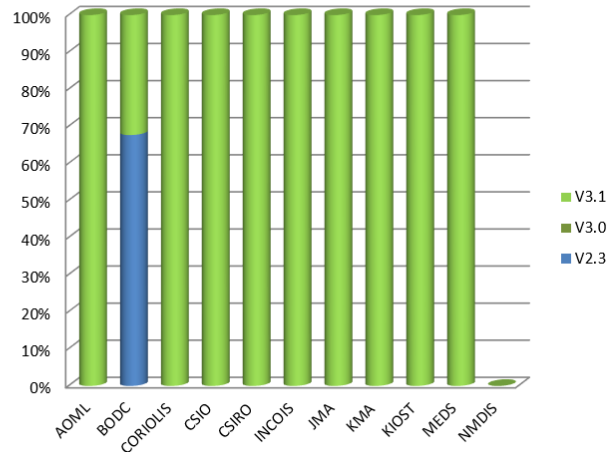
**Metadata Files - Active floats**

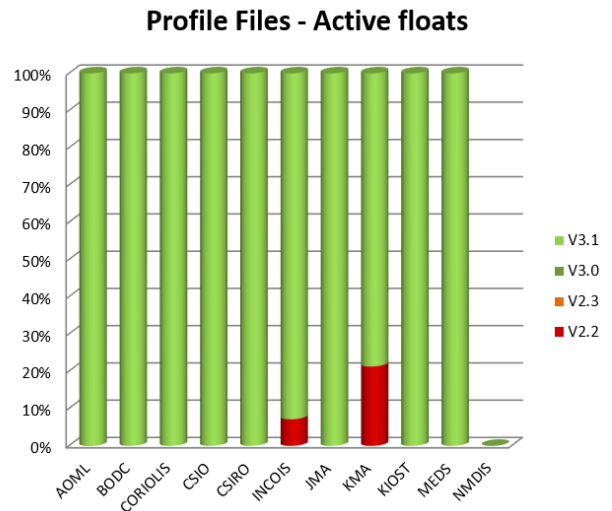
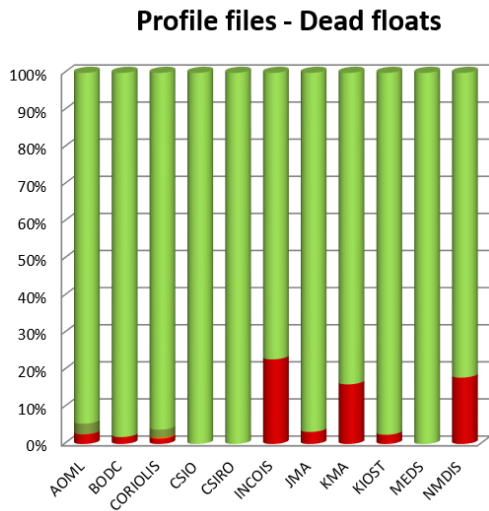
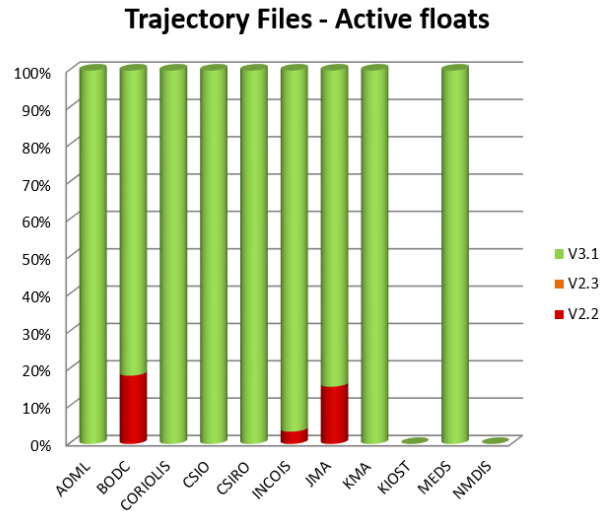
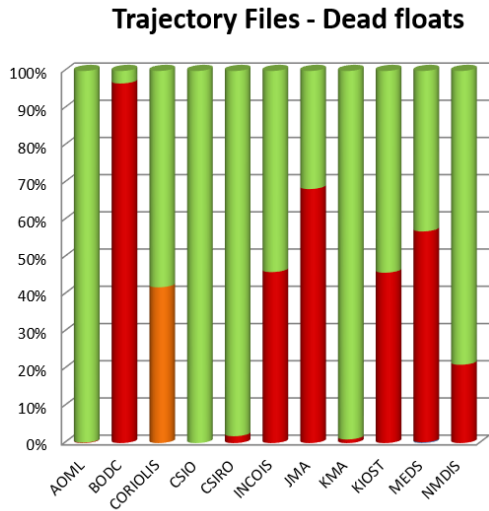


**Technical Files - Dead floats**



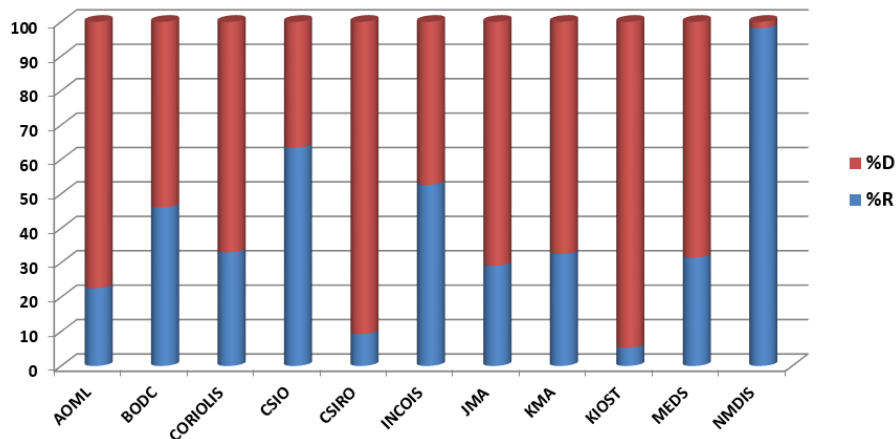
**Technical Files - Active floats**





### Delayed mode percentage by DAC

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

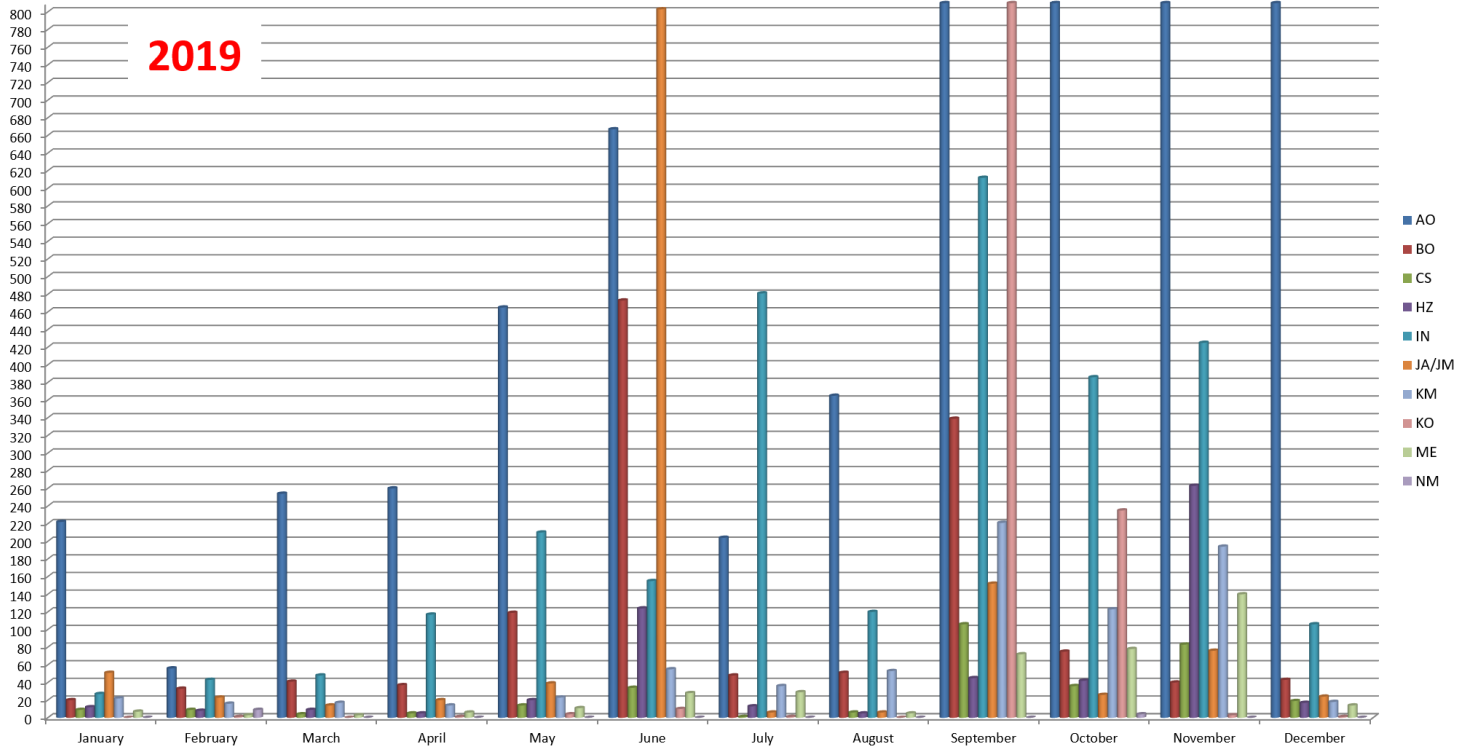


### 3. Statistics on Anomalies

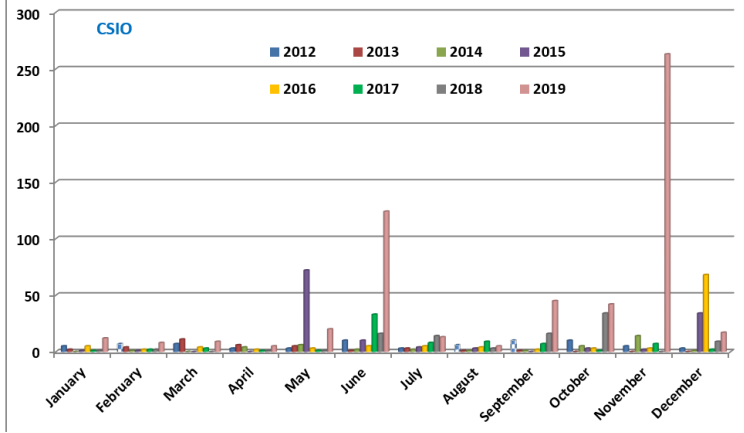
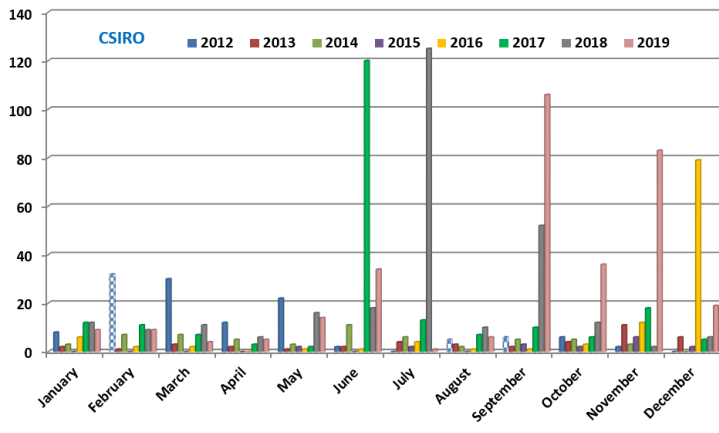
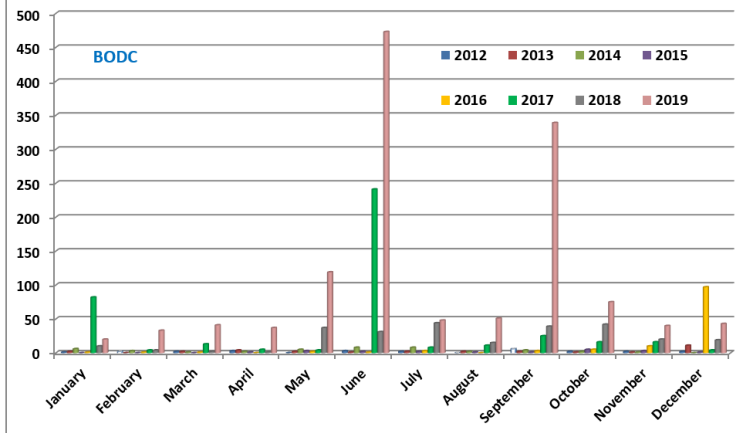
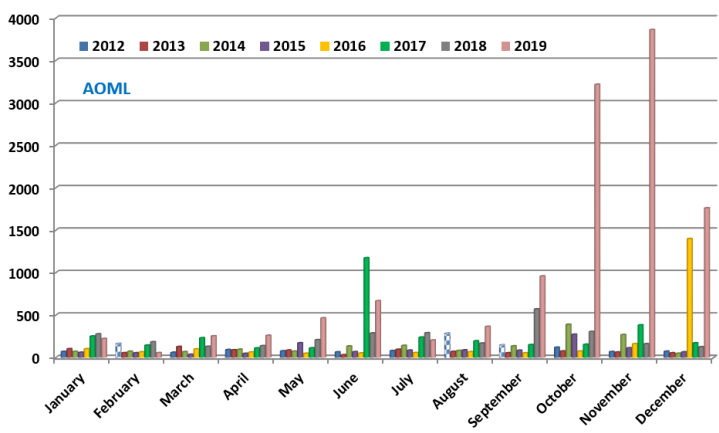


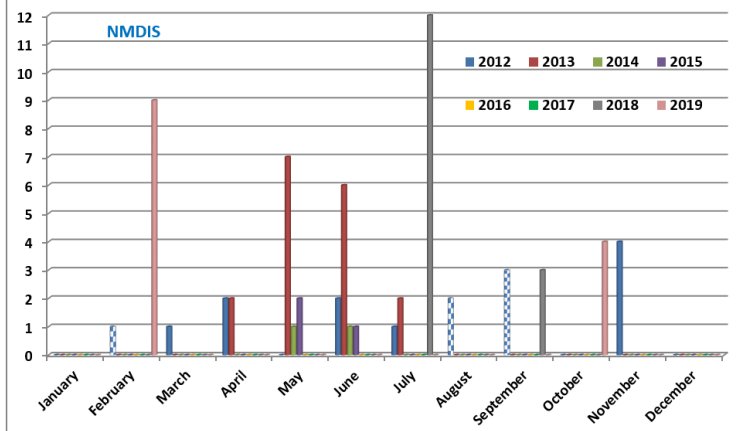
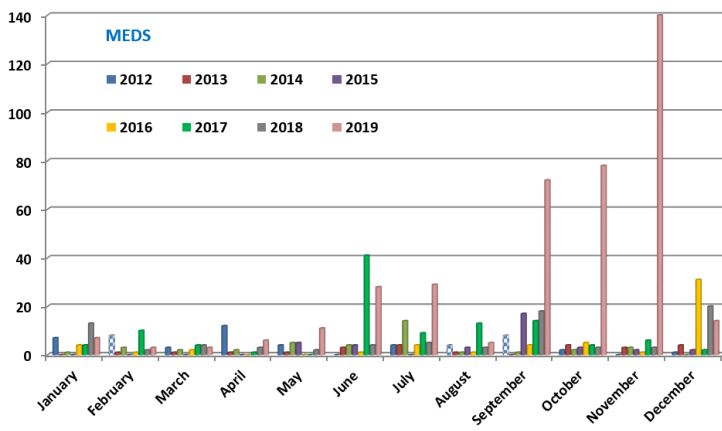
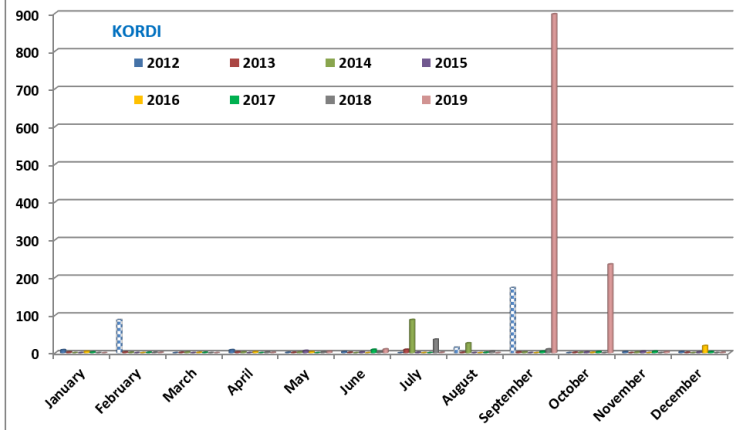
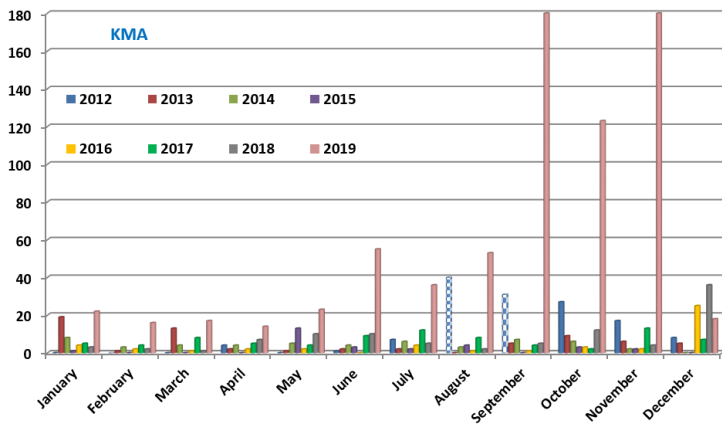
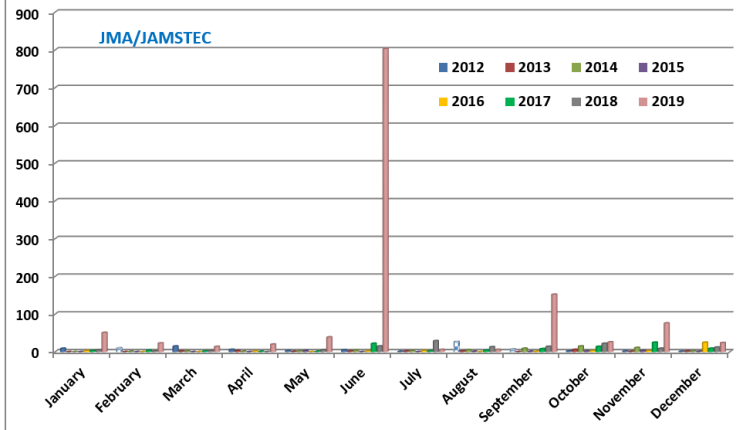
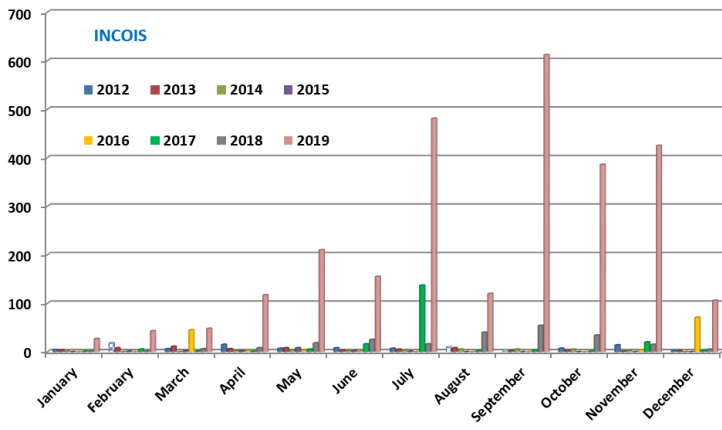
Plots showing evolution of number of anomalies by DAC.

3.1. Year

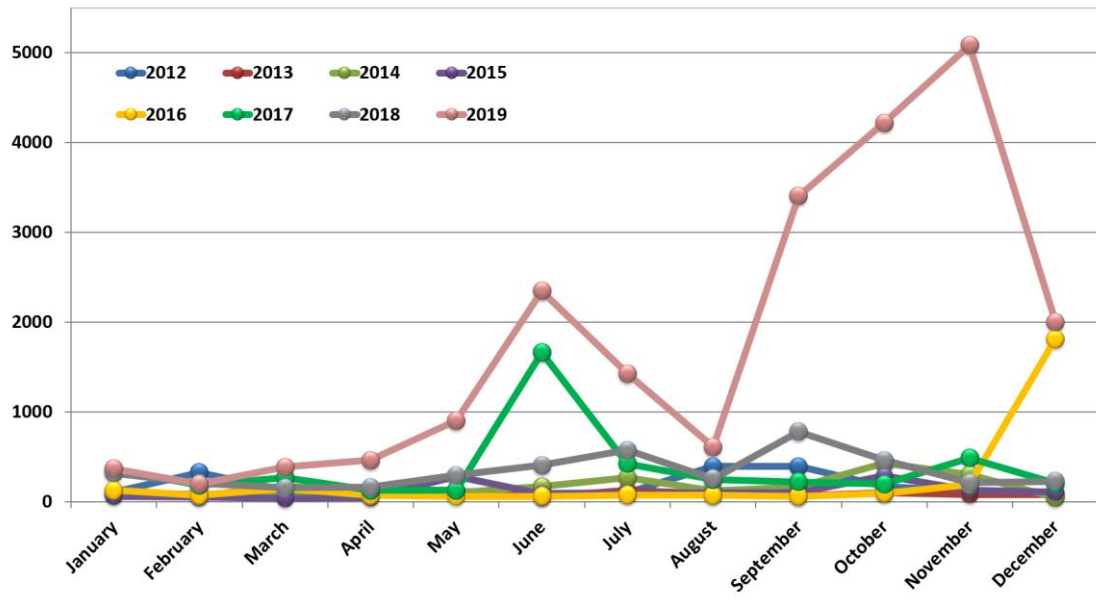


3.2. DAC





### 3.3. Anomalies by year, by month

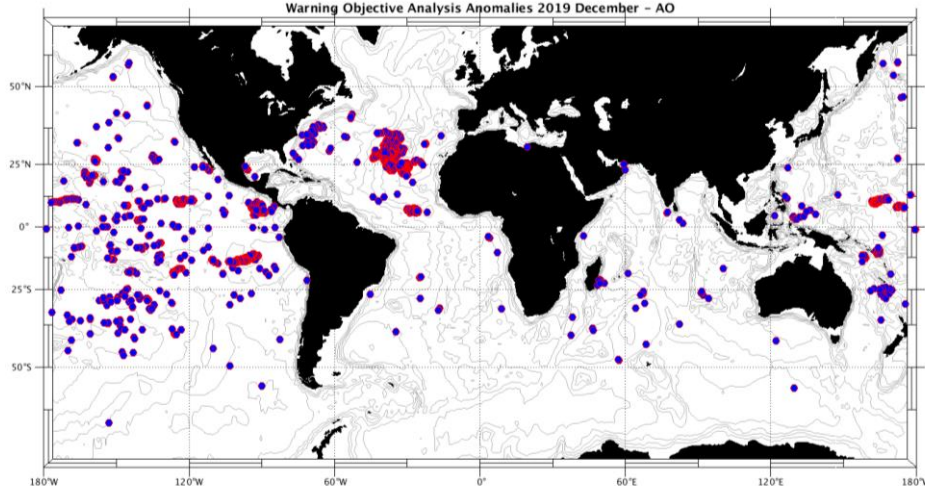


## 4. DAC Anomalies

### 4.1. DAC AOML

Profiles detected by the objective analysis: 1759 profiles (204 floats, but floats can have several cycles with anomalies)

| Data_mode ='R' | Data_mode ='A' | Data_mode ='D' |
|----------------|----------------|----------------|
| 110 cycles     | 1368 cycles    | 281 cycles     |



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

**Take care that some floats are shown with data mode D but the corrections can have been applied on R files before submission of the delayed mode. (see the csv messages on the ftp site for more information)**

#### Files data\_mode='R' / 'A'

Float : 1901584 - Cycle : 125 - PI : BRECK OWENS - Data mode : R - Platform type : SOLO\_W - WMO inst type : 851 - FLOAT SERIAL : 1119 - Date : 2015 8 13  
Float : 1901584 - Cycle : 142 - PI : BRECK OWENS - Data mode : R - Platform type : SOLO\_W - WMO inst type : 851 - FLOAT SERIAL : 1119 - Date : 2016 1 30  
Float : 1901618 - Cycle : 63 - PI : BRECK OWENS - Data mode : R - Platform type : S2A - WMO inst type : 854 - FLOAT SERIAL : 7058 - Date : 2014 8 29  
Float : 1901682 - Cycle : 441 - PI : BRECK OWENS, STEVE JAYNE, P.E. ROBBINS - Data mode : R - Platform type : S2A - WMO inst type : 854 - FLOAT SERIAL : 7084 - Date : 2016 8 22  
Float : 1901682 - Cycle : 450 - PI : BRECK OWENS, STEVE JAYNE, P.E. ROBBINS - Data mode : R - Platform type : S2A - WMO inst type : 854 - FLOAT SERIAL : 7084 - Date : 2016 8 25  
Float : 1901682 - Cycle : 454 - PI : BRECK OWENS, STEVE JAYNE, P.E. ROBBINS - Data mode : R - Platform type : S2A - WMO inst type : 854 - FLOAT SERIAL : 7084 - Date : 2016 8 26  
Float : 1901682 - Cycle : 457 - PI : BRECK OWENS, STEVE JAYNE, P.E. ROBBINS - Data mode : R - Platform type : S2A - WMO inst type : 854 - FLOAT SERIAL : 7084 - Date : 2016 8 27  
Float : 1901682 - Cycle : 461 - PI : BRECK OWENS, STEVE JAYNE, P.E. ROBBINS - Data mode : R - Platform type : S2A - WMO inst type : 854 - FLOAT SERIAL : 7084 - Date : 2016 8 28  
Float : 1901826 - Cycle : 111 - PI : BRECK OWENS, STEVEN JAYNE, P.E. ROBBINS - Data mode : R - Platform type : S2A - WMO inst type : 854 - FLOAT SERIAL : 7383 - Date : 2019 11 13  
Float : 1901826 - Cycle : 112 - PI : BRECK OWENS, STEVEN JAYNE, P.E. ROBBINS - Data mode : R - Platform type : S2A - WMO inst type : 854 - FLOAT SERIAL : 7383 - Date : 2019 11 23  
Float : 1901826 - Cycle : 113 - PI : BRECK OWENS, STEVEN JAYNE, P.E. ROBBINS - Data mode : R - Platform type : S2A - WMO inst type : 854 - FLOAT SERIAL : 7383 - Date : 2019 12 3  
Float : 1902057 - Cycle : 111 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : NAVIS\_A - WMO inst type : 863 - FLOAT SERIAL : 0707 - Date : 2019 12 2  
Float : 1902063 - Cycle : 113 - PI : BRECK OWENS, STEVEN JAYNE, P.E. ROBBINS - Data mode : R - Platform type : S2A - WMO inst type : 854 - FLOAT SERIAL : 7397 - Date : 2019 12 11  
Float : 1902065 - Cycle : 110 - PI : BRECK OWENS, STEVEN JAYNE, P.E. ROBBINS - Data mode : R - Platform type : S2A - WMO inst type : 854 - FLOAT SERIAL : 7399 - Date : 2019 11 20  
Float : 1902065 - Cycle : 111 - PI : BRECK OWENS, STEVEN JAYNE, P.E. ROBBINS - Data mode : R - Platform type : S2A - WMO inst type : 854 - FLOAT SERIAL : 7399 - Date : 2019 11 30  
Float : 1902065 - Cycle : 112 - PI : BRECK OWENS, STEVEN JAYNE, P.E. ROBBINS - Data mode : R - Platform type : S2A - WMO inst type : 854 - FLOAT SERIAL : 7399 - Date : 2019 12 10  
Float : 1902184 - Cycle : 127 - PI : BRECK OWENS, STEVEN JAYNE, P.E. ROBBINS - Data mode : A - Platform type : S2A - WMO inst type : 854 - FLOAT SERIAL : 7457 - Date : 2019 6 10  
Float : 1902199 - Cycle : 45 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : NAVIS\_A - WMO inst type : 863 - FLOAT SERIAL : 0857 - Date : 2019 12 6  
Float : 1902199 - Cycle : 46 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : NAVIS\_A - WMO inst type : 863 - FLOAT SERIAL : 0857 - Date : 2019 12 16  
Float : 1902223 - Cycle : 27 - PI : BRECK OWENS, STEVEN JAYNE, P.E. ROBBINS - Data mode : R - Platform type : S2A - WMO inst type : 854 - FLOAT SERIAL : 7529 - Date : 2019 12 4  
Float : 2901418 - Cycle : 193 - PI : CARL SZCZECZOWSKI - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 5910 - Date : 2014 8 27  
Float : 2901418 - Cycle : 194 - PI : CARL SZCZECZOWSKI - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 5910 - Date : 2014 8 31  
Float : 2901418 - Cycle : 196 - PI : CARL SZCZECZOWSKI - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 5910 - Date : 2014 9 8  
Float : 2902395 - Cycle : 150 - PI : BRECK OWENS, STEVEN JAYNE, P.E. ROBBINS - Data mode : R - Platform type : S2A - WMO inst type : 854 - FLOAT SERIAL : 7333 - Date : 2019 12 7  
Float : 2902395 - Cycle : 151 - PI : BRECK OWENS, STEVEN JAYNE, P.E. ROBBINS - Data mode : R - Platform type : S2A - WMO inst type : 854 - FLOAT SERIAL : 7333 - Date : 2019 12 17  
Float : 2903131 - Cycle : 197 - PI : BRECK OWENS, STEVEN JAYNE, P.E. ROBBINS - Data mode : R - Platform type : S2A - WMO inst type : 854 - FLOAT SERIAL : 7451 - Date : 2019 12 4  
Float : 2903133 - Cycle : 87 - PI : BRECK OWENS, STEVEN JAYNE, P.E. ROBBINS - Data mode : R - Platform type : ALTO - WMO inst type : 873 - FLOAT SERIAL : 10110 - Date : 2019 12 11  
Float : 3901057 - Cycle : 2 - PI : PRITHA TUTASI - Data mode : R - Platform type : S2A - WMO inst type : 854 - FLOAT SERIAL : 7022 - Date : 2014 11 30  
Float : 3901153 - Cycle : 244 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : NAVIS\_A - WMO inst type : 863 - FLOAT SERIAL : 0196 - Date : 2019 11 30  
Float : 3901156 - Cycle : 208 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : NAVIS\_A - WMO inst type : 863 - FLOAT SERIAL : 0162 - Date : 2019 12 6  
Float : 3901156 - Cycle : 209 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : NAVIS\_A - WMO inst type : 863 - FLOAT SERIAL : 0162 - Date : 2019 12 16  
Float : 3901162 - Cycle : 241 - PI : DEAN ROEMMICH - Data mode : R - Platform type : SOLO\_II - WMO inst type : 853 - FLOAT SERIAL : 8204 - Date : 2018 10 23  
Float : 3901163 - Cycle : 295 - PI : DEAN ROEMMICH - Data mode : R - Platform type : SOLO\_II - WMO inst type : 853 - FLOAT SERIAL : 8205 - Date : 2019 11 29  
Float : 3901173 - Cycle : 208 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : NAVIS\_A - WMO inst type : 863 - FLOAT SERIAL : 0291 - Date : 2019 12 3  
Float : 3901173 - Cycle : 209 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : NAVIS\_A - WMO inst type : 863 - FLOAT SERIAL : 0291 - Date : 2019 12 13  
Float : 3901187 - Cycle : 209 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : NAVIS\_A - WMO inst type : 863 - FLOAT SERIAL : 0300 - Date : 2019 12 6









































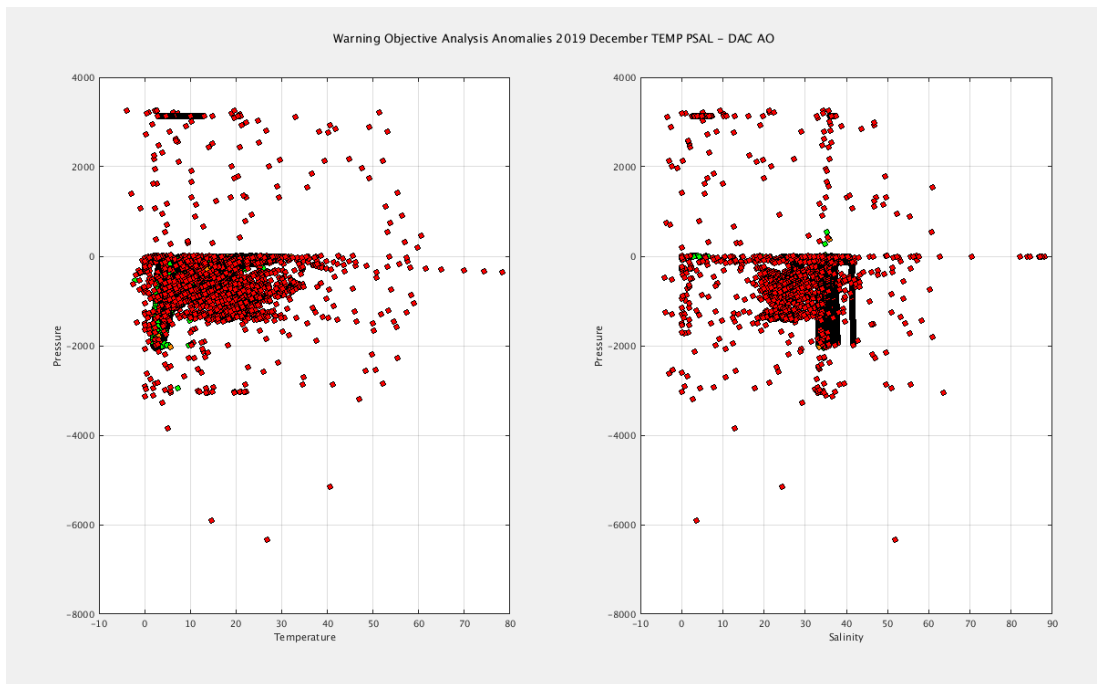








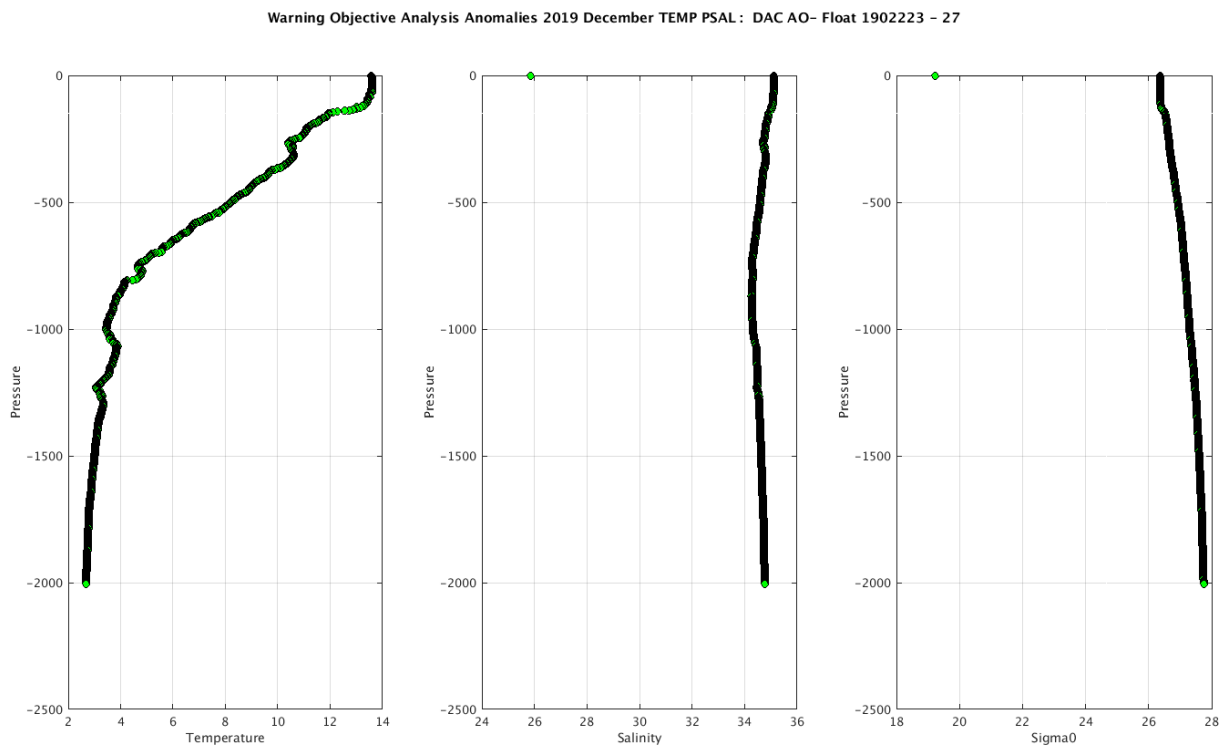


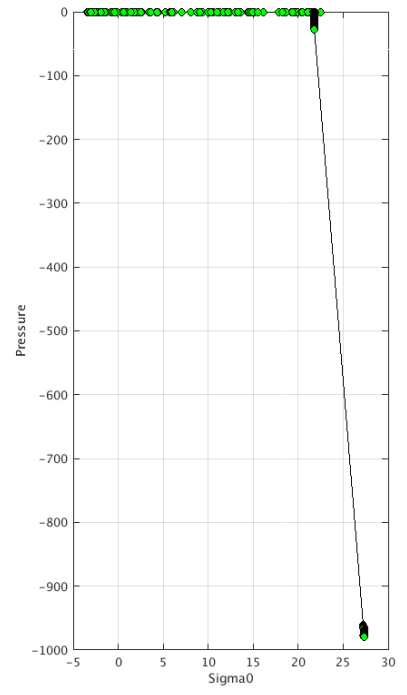
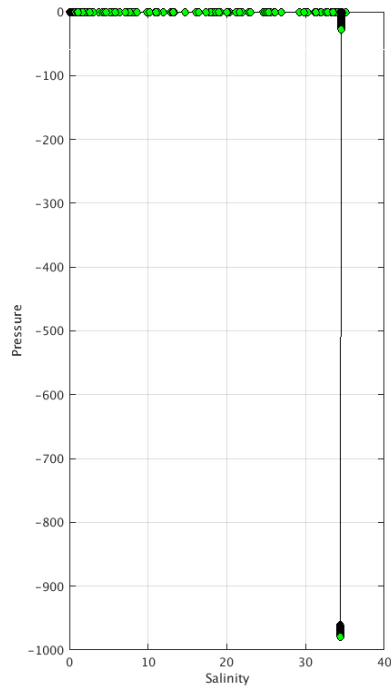
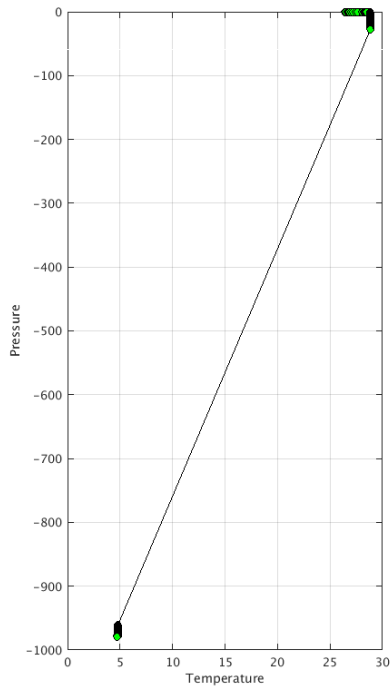


Plot for the 300 first profiles.

The list of the anomalies can be found at <ftp://ftp.ifremer.fr/ifremer/argo/etc/ObjectiveAnalysisWarning/aom/>

Example of anomalies:

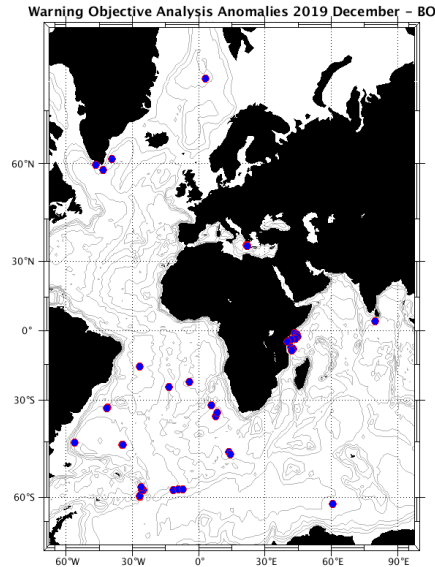




## 4.2. DAC BODC

Profiles detected by the objective analysis: 40 profiles (16 floats, but floats can have several cycles with anomalies)

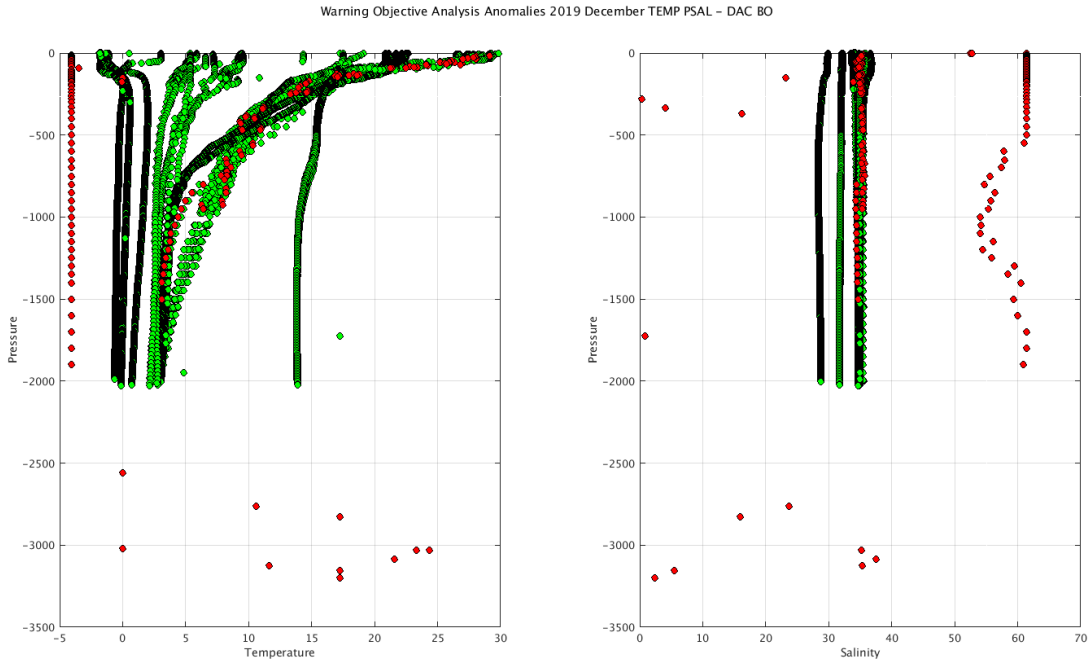
| Data_mode ='R' | Data_mode ='A' | Data_mode ='D' |
|----------------|----------------|----------------|
| 23 cycles      | 17 cycles      | 0 cycle        |



**Status of corrections: Correction not yet done, few feedback.**

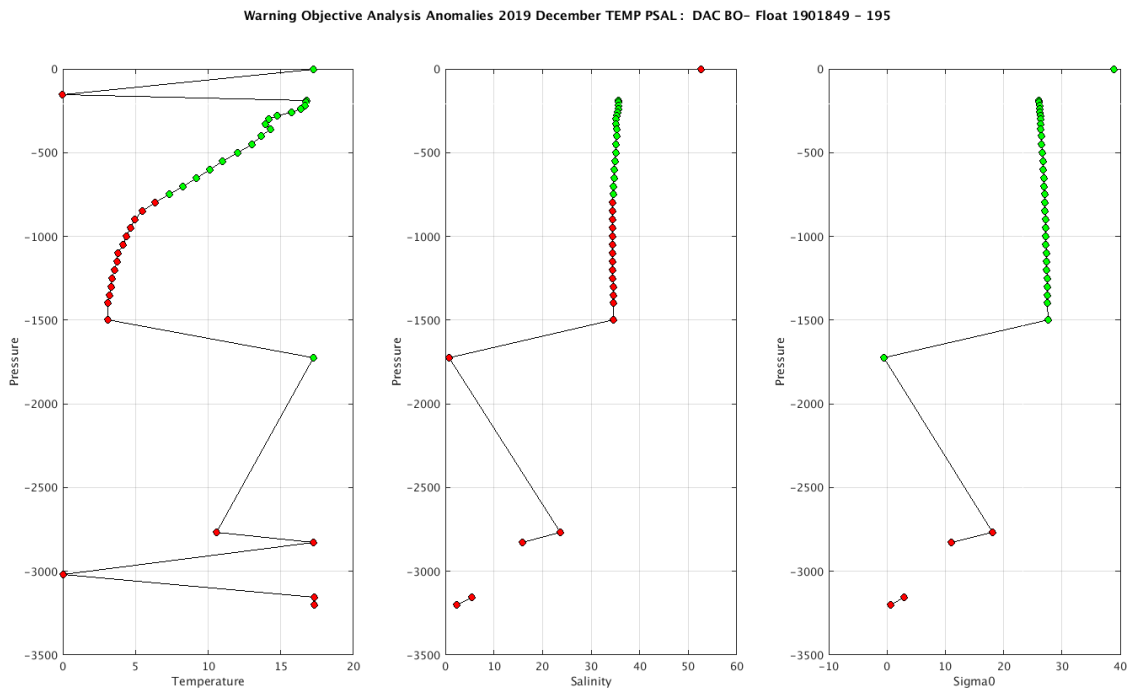
Float : 1901849 - Cycle : 195 - PI : Jon Turton - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7008 - Date : 2019 9 24  
 Float : 1901901 - Cycle : 45 - PI : Jon Turton - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 8463 - Date : 2019 9 11  
 Float : 1901901 - Cycle : 46 - PI : Jon Turton - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 8463 - Date : 2019 9 20  
 Float : 1901901 - Cycle : 47 - PI : Jon Turton - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 8463 - Date : 2019 9 30  
 Float : 1901901 - Cycle : 48 - PI : Jon Turton - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 8463 - Date : 2019 10 10  
 Float : 1901901 - Cycle : 49 - PI : Jon Turton - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 8463 - Date : 2019 10 20  
 Float : 1901901 - Cycle : 50 - PI : Jon Turton - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 8463 - Date : 2019 10 30  
 Float : 1901901 - Cycle : 51 - PI : Jon Turton - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 8463 - Date : 2019 11 9  
 Float : 1901901 - Cycle : 52 - PI : Jon Turton - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 8463 - Date : 2019 11 18  
 Float : 1901901 - Cycle : 53 - PI : Jon Turton - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 8463 - Date : 2019 11 28  
 Float : 1901901 - Cycle : 54 - PI : Jon Turton - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 8463 - Date : 2019 12 8  
 Float : 1901901 - Cycle : 55 - PI : Jon Turton - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 8463 - Date : 2019 12 18  
 Float : 1901914 - Cycle : 6 - PI : Jon Turton - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 3901 - Date : 2019 11 29  
 Float : 1901914 - Cycle : 7 - PI : Jon Turton - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 3901 - Date : 2019 12 9  
 Float : 2901897 - Cycle : 198 - PI : Brian King - Data mode : A - Platform type : NAVIS\_EBR - WMO inst type : 863 - FLOAT SERIAL : 0630 - Date : 2019 12 5  
 Float : 3901548 - Cycle : 42 - PI : Jon Turton - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7001 - Date : 2019 11 29  
 Float : 3901884 - Cycle : 97 - PI : Andreas Sterl - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : AI2600-16FR047 - Date : 2019 12 2  
 Float : 3901887 - Cycle : 97 - PI : Andreas Sterl - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : AI2600-16FR050 - Date : 2019 12 1  
 Float : 3901893 - Cycle : 114 - PI : Josep Lluís Pelegrí - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : AI2600-16FR056 - Date : 2019 12 1  
 Float : 3901893 - Cycle : 115 - PI : Josep Lluís Pelegrí - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : AI2600-16FR056 - Date : 2019 12 11  
 Float : 3901894 - Cycle : 114 - PI : Josep Lluís Pelegrí - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : AI2600-16FR057 - Date : 2019 12 1  
 Float : 3901894 - Cycle : 115 - PI : Josep Lluís Pelegrí - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : AI2600-16FR057 - Date : 2019 12 11  
 Float : 3901957 - Cycle : 116 - PI : Dimitris Kassis - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : AI2600-16FR100 - Date : 2019 12 1  
 Float : 3901957 - Cycle : 117 - PI : Dimitris Kassis - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : AI2600-16FR100 - Date : 2019 12 6  
 Float : 3901957 - Cycle : 118 - PI : Dimitris Kassis - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : AI2600-16FR100 - Date : 2019 12 11  
 Float : 3901957 - Cycle : 119 - PI : Dimitris Kassis - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : AI2600-16FR100 - Date : 2019 12 16  
 Float : 3901960 - Cycle : 34 - PI : Romain Cancouet - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : AI2600-16FR103 - Date : 2018 12 3  
 Float : 3901961 - Cycle : 20 - PI : Romain Cancouet - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : AI2600-16FR104 - Date : 2018 8 9  
 Float : 3901961 - Cycle : 21 - PI : Romain Cancouet - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : AI2600-16FR104 - Date : 2018 8 19  
 Float : 3901961 - Cycle : 22 - PI : Romain Cancouet - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : AI2600-16FR104 - Date : 2018 8 29  
 Float : 3901963 - Cycle : 12 - PI : Romain Cancouet - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : AI2600-16FR106 - Date : 2018 5 22  
 Float : 3901963 - Cycle : 13 - PI : Romain Cancouet - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : AI2600-16FR106 - Date : 2018 6 1

Float : 3901963 - Cycle : 14 - PI : Romain Cancouet - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : AI2600-16FR106 - Date : 2018 6 11  
 Float : 3901963 - Cycle : 24 - PI : Romain Cancouet - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : AI2600-16FR106 - Date : 2018 9 19  
 Float : 3901963 - Cycle : 25 - PI : Romain Cancouet - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : AI2600-16FR106 - Date : 2018 9 29  
 Float : 3901963 - Cycle : 28 - PI : Romain Cancouet - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : AI2600-16FR106 - Date : 2018 10 29  
 Float : 6901127 - Cycle : 87 - PI : Jon Turton - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 6231 - Date : 2014 10 31  
 Float : 6901167 - Cycle : 180 - PI : Jon Turton - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 6609 - Date : 2019 11 7  
 Float : 6901167 - Cycle : 199 - PI : Jon Turton - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 6609 - Date : 2019 12 17  
 Float : 6901207 - Cycle : 47 - PI : Jon Turton - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 8459 - Date : 2019 10 31



The list of the anomalies can be found at <ftp://ftp.ifremer.fr/ifremer/argo/etc/ObjectiveAnalysisWarning/bodc/>

Example of anomalies:

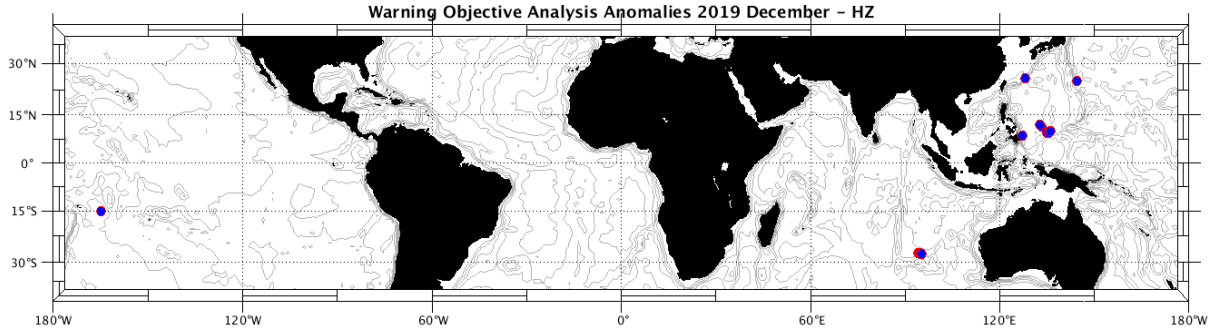




### 4.3. DAC CSIO

Profiles detected by the objective analysis: 17 profiles (7 floats, but floats can have several cycles with anomalies)

| Data_mode ='R' | Data_mode ='A' | Data_mode ='D' |
|----------------|----------------|----------------|
| 0 cycle        | 13 cycles      | 4 cycles       |



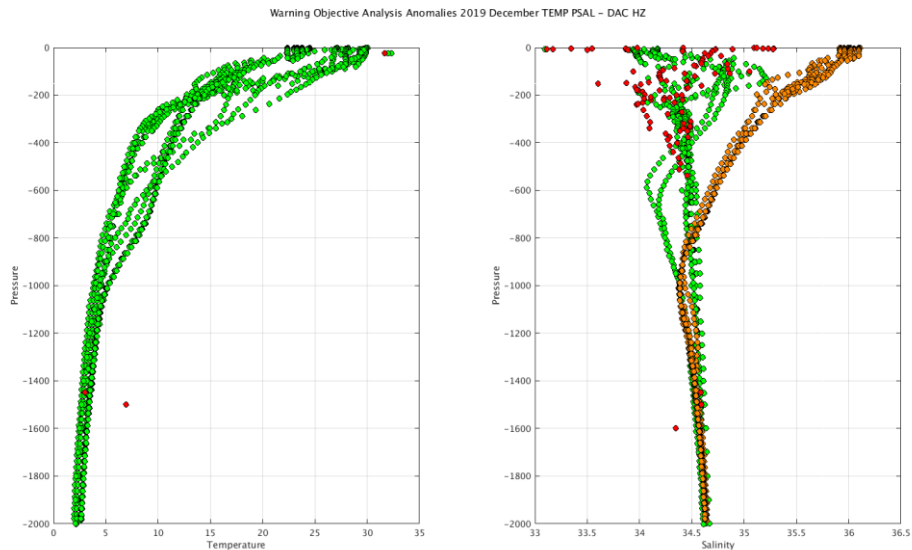
**Status of corrections:** No feedback, corrections not always done.

**Files data\_mode='R' / 'A'**

- Float : 2901545 - Cycle : 27 - PI : JIANPING XU - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 6570 - Date : 2014 9 21
- Float : 2901546 - Cycle : 24 - PI : JIANPING XU - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 6571 - Date : 2014 8 22
- Float : 2901546 - Cycle : 25 - PI : JIANPING XU - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 6571 - Date : 2014 9 1
- Float : 2901546 - Cycle : 26 - PI : JIANPING XU - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 6571 - Date : 2014 9 11
- Float : 2901546 - Cycle : 27 - PI : JIANPING XU - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 6571 - Date : 2014 9 21
- Float : 2901546 - Cycle : 52 - PI : JIANPING XU - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 6571 - Date : 2015 5 29
- Float : 2902600 - Cycle : 159 - PI : ZENGHONG LIU - Data mode : A - Platform type : PROVOR - WMO inst type : 841 - FLOAT SERIAL : OIN-13CH-S31-13 - Date : 2019 1 16
- Float : 2902600 - Cycle : 161 - PI : ZENGHONG LIU - Data mode : A - Platform type : PROVOR - WMO inst type : 841 - FLOAT SERIAL : OIN-13CH-S31-13 - Date : 2019 2 5
- Float : 2902600 - Cycle : 162 - PI : ZENGHONG LIU - Data mode : A - Platform type : PROVOR - WMO inst type : 841 - FLOAT SERIAL : OIN-13CH-S31-13 - Date : 2019 2 16
- Float : 2902600 - Cycle : 163 - PI : ZENGHONG LIU - Data mode : A - Platform type : PROVOR - WMO inst type : 841 - FLOAT SERIAL : OIN-13CH-S31-13 - Date : 2019 2 25
- Float : 2902600 - Cycle : 164 - PI : ZENGHONG LIU - Data mode : A - Platform type : PROVOR - WMO inst type : 841 - FLOAT SERIAL : OIN-13CH-S31-13 - Date : 2019 3 8
- Float : 2902600 - Cycle : 165 - PI : ZENGHONG LIU - Data mode : A - Platform type : PROVOR - WMO inst type : 841 - FLOAT SERIAL : OIN-13CH-S31-13 - Date : 2019 3 17
- Float : 2902600 - Cycle : 166 - PI : ZENGHONG LIU - Data mode : A - Platform type : PROVOR - WMO inst type : 841 - FLOAT SERIAL : OIN-13CH-S31-13 - Date : 2019 3 27

**Files data\_mode='D'**

- Float : 2902541 - Cycle : 122 - PI : ZENGHONG LIU - Data mode : D - Platform type : PROVOR - WMO inst type : 841 - FLOAT SERIAL : OIN-11CH-S31-01 - Date : 2015 6 20
- Float : 2902544 - Cycle : 92 - PI : ZENGHONG LIU - Data mode : D - Platform type : PROVOR - WMO inst type : 841 - FLOAT SERIAL : OIN-11CH-S31-05 - Date : 2014 9 7
- Float : 2902655 - Cycle : 85 - PI : JIANPING XU - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7063 - Date : 2017 3 13
- Float : 5900219 - Cycle : 34 - PI : JIANPING XU - Data mode : D - Platform type : PROVOR - WMO inst type : 841 - FLOAT SERIAL : 0372 - Date : 2004 7 25

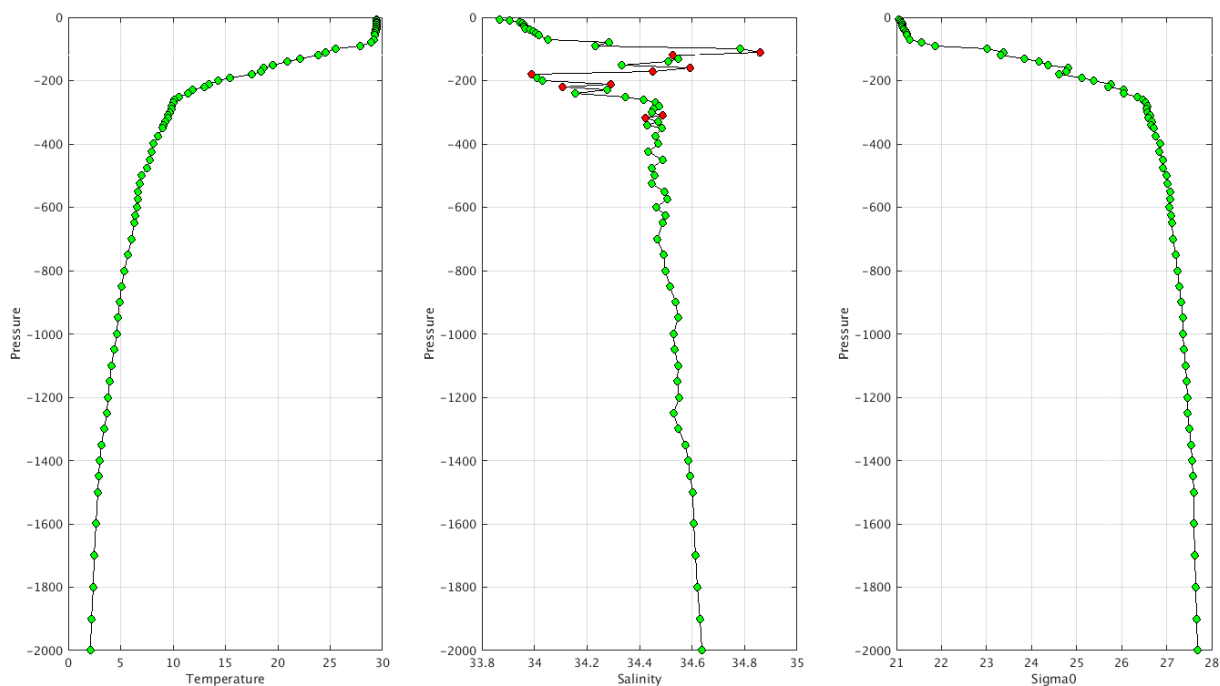




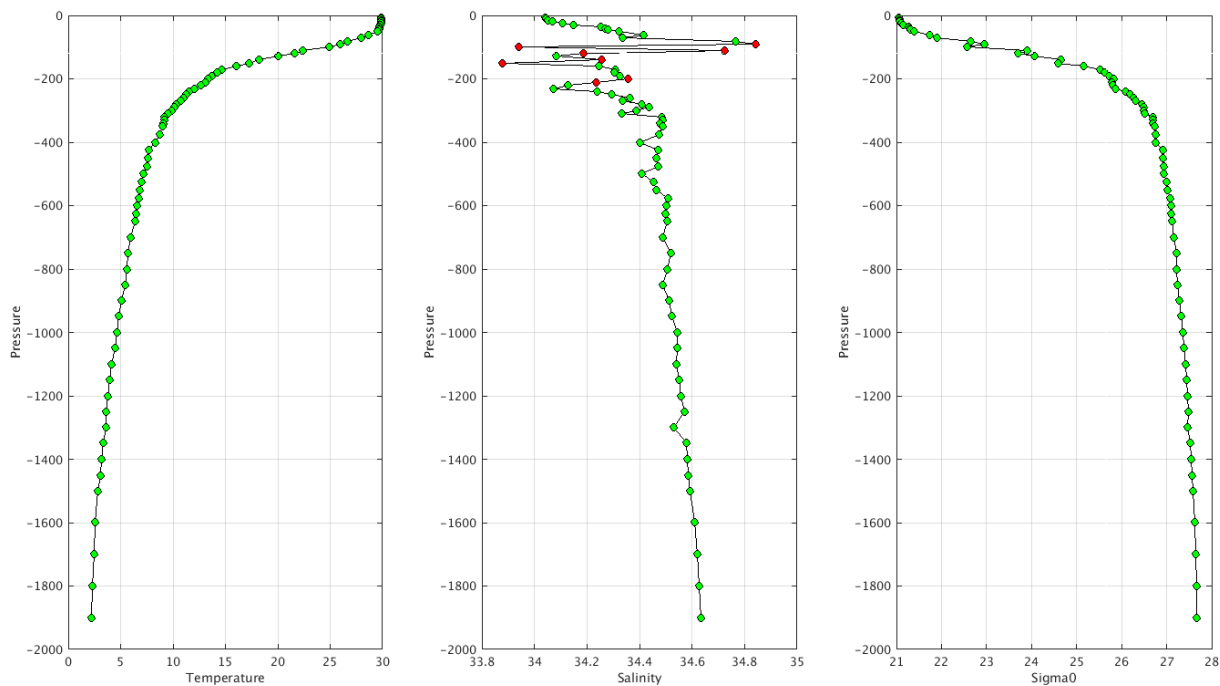
The list of the anomalies can be found at <ftp://ftp.ifremer.fr/ifremer/argo/etc/ObjectiveAnalysisWarning/casio/>

Example of anomalies:

Warning Objective Analysis Anomalies 2019 December TEMP PSAL: DAC HZ- Float 2901546 - 24



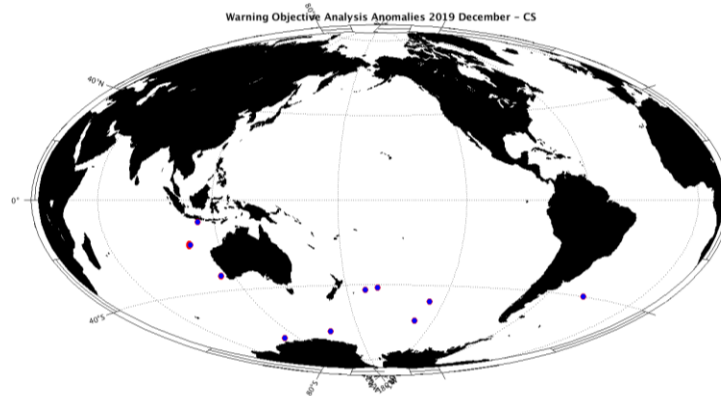
Warning Objective Analysis Anomalies 2019 December TEMP PSAL: DAC HZ- Float 2901546 - 25



4.4. DAC CSIRO

Profiles detected by the objective analysis: 19 profiles (10 floats, but floats can have several cycles with anomalies)

| Data_mode ='R' | Data_mode ='A' | Data_mode ='D' |
|----------------|----------------|----------------|
| 0 cycle        | 4 cycles       | 15 cycles      |



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

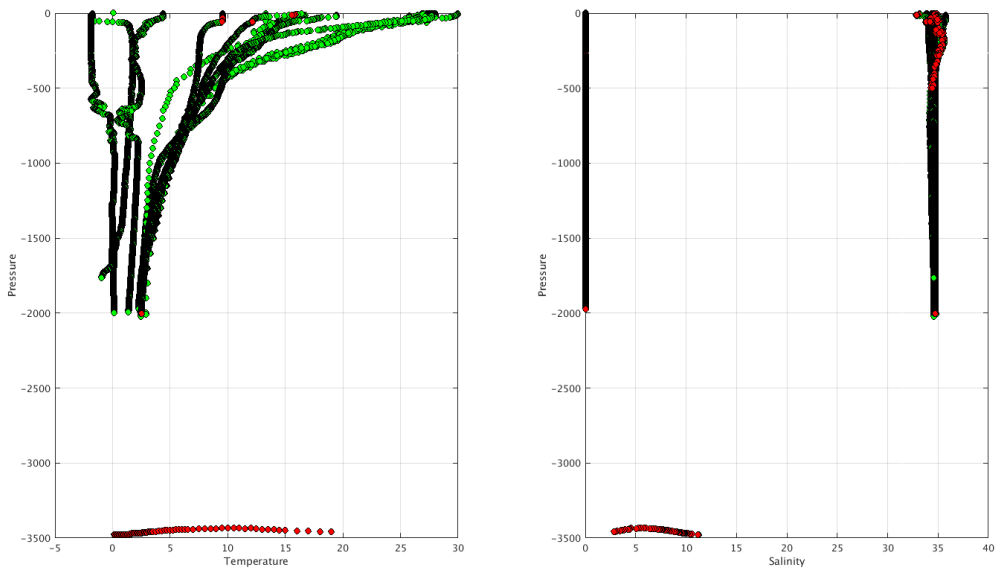
**Files data\_mode='R' / 'A'**

Float : 5903664 - Cycle : 323 - PI : Susan Wijffels - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 5074 - Date : 2019 12 9  
 Float : 5904920 - Cycle : 182 - PI : Susan Wijffels - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7054 - Date : 2019 12 13  
 Float : 5905021 - Cycle : 147 - PI : Susan Wijffels - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7433 - Date : 2019 12 9  
 Float : 5905446 - Cycle : 1 - PI : Peter Oke - Data mode : A - Platform type : NAVIS\_EBR - WMO inst type : 869 - FLOAT SERIAL : 1084 - Date : 2019 12 9

**Files data\_mode='D'**

Float : 5901678 - Cycle : 265 - PI : Susan Wijffels - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 3821 - Date : 2016 2 3  
 Float : 5901678 - Cycle : 266 - PI : Susan Wijffels - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 3821 - Date : 2016 2 13  
 Float : 5901678 - Cycle : 267 - PI : Susan Wijffels - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 3821 - Date : 2016 2 23  
 Float : 5901678 - Cycle : 268 - PI : Susan Wijffels - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 3821 - Date : 2016 3 4  
 Float : 5901678 - Cycle : 269 - PI : Susan Wijffels - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 3821 - Date : 2016 3 14  
 Float : 5901678 - Cycle : 270 - PI : Susan Wijffels - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 3821 - Date : 2016 3 24  
 Float : 5901678 - Cycle : 271 - PI : Susan Wijffels - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 3821 - Date : 2016 4 3  
 Float : 5901678 - Cycle : 272 - PI : Susan Wijffels - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 3821 - Date : 2016 4 13  
 Float : 5901678 - Cycle : 273 - PI : Susan Wijffels - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 3821 - Date : 2016 4 23  
 Float : 5903258 - Cycle : 252 - PI : Susan Wijffels - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 4704 - Date : 2016 11 19  
 Float : 5903258 - Cycle : 253 - PI : Susan Wijffels - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 4704 - Date : 2016 11 29  
 Float : 5903662 - Cycle : 133 - PI : Susan Wijffels - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 5357 - Date : 2014 9 25  
 Float : 5903665 - Cycle : 141 - PI : Susan Wijffels - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 5137 - Date : 2014 11 18  
 Float : 5904885 - Cycle : 186 - PI : Susan Wijffels - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 6560 - Date : 2019 1 24  
 Float : 7900335 - Cycle : 217 - PI : Steve Rintoul - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 6167 - Date : 2018 11 8

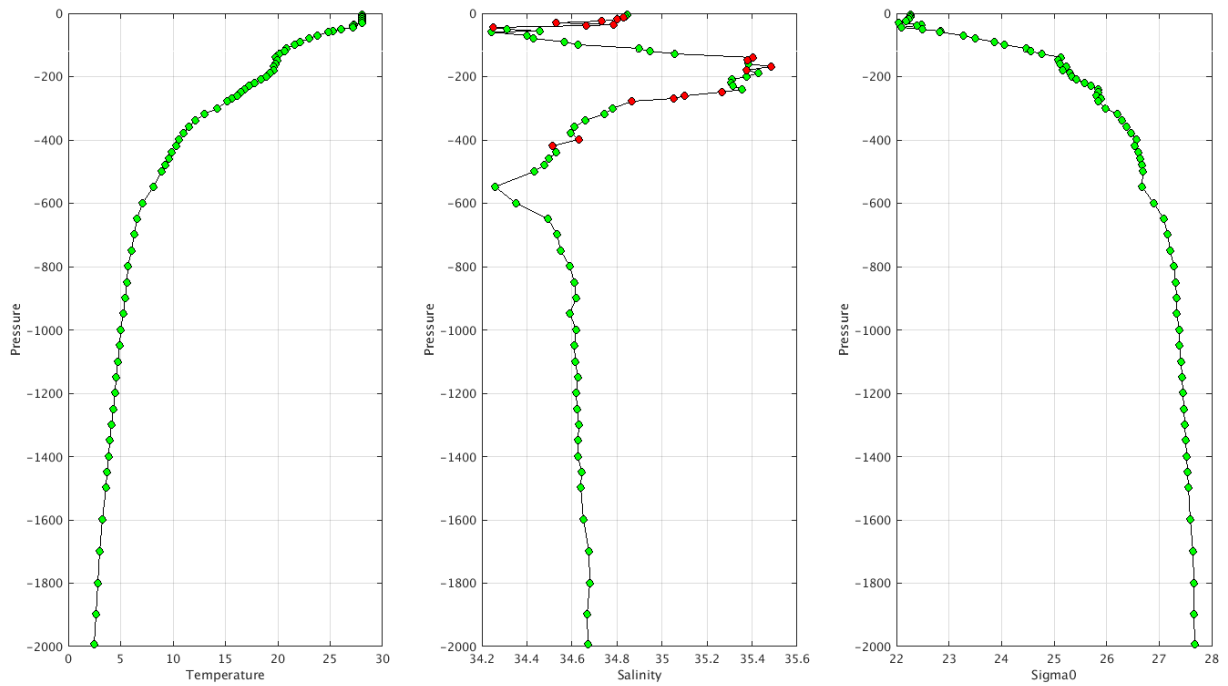
Warning Objective Analysis Anomalies 2019 December TEMP PSAL - DAC CS



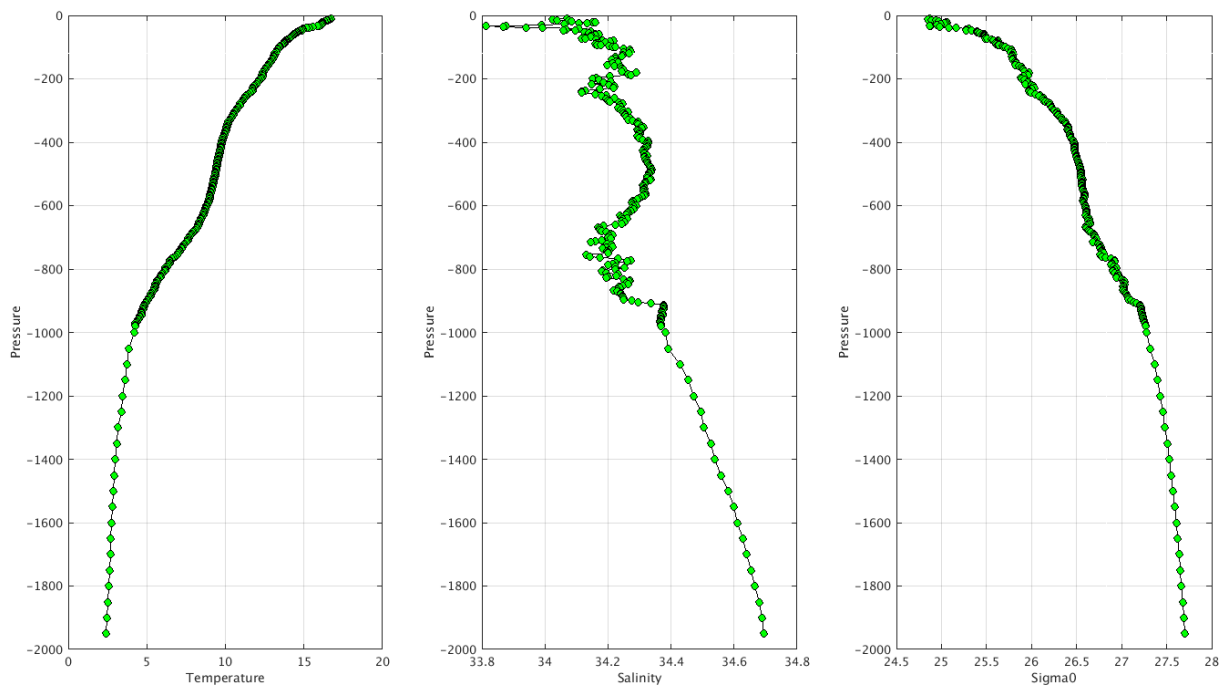
The list of the anomalies can be found at <ftp://ftp.ifremer.fr/ifremer/argo/etc/ObjectiveAnalysisWarning/csiro/>

Example of anomalies:

Warning Objective Analysis Anomalies 2019 December TEMP PSAL : DAC CS- Float 5901678 - 268



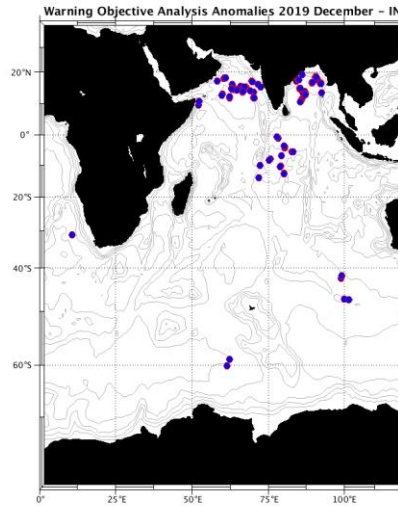
Warning Objective Analysis Anomalies 2019 December TEMP PSAL : DAC CS- Float 5903258 - 252



#### 4.5. DAC INCOIS

Profiles detected by the objective analysis: 106 profiles (42 floats, but floats can have several cycles with anomalies)

| Data_mode ='R' | Data_mode ='A' | Data_mode ='D' |
|----------------|----------------|----------------|
| 0 cycle        | 100 cycles     | 6 cycles       |

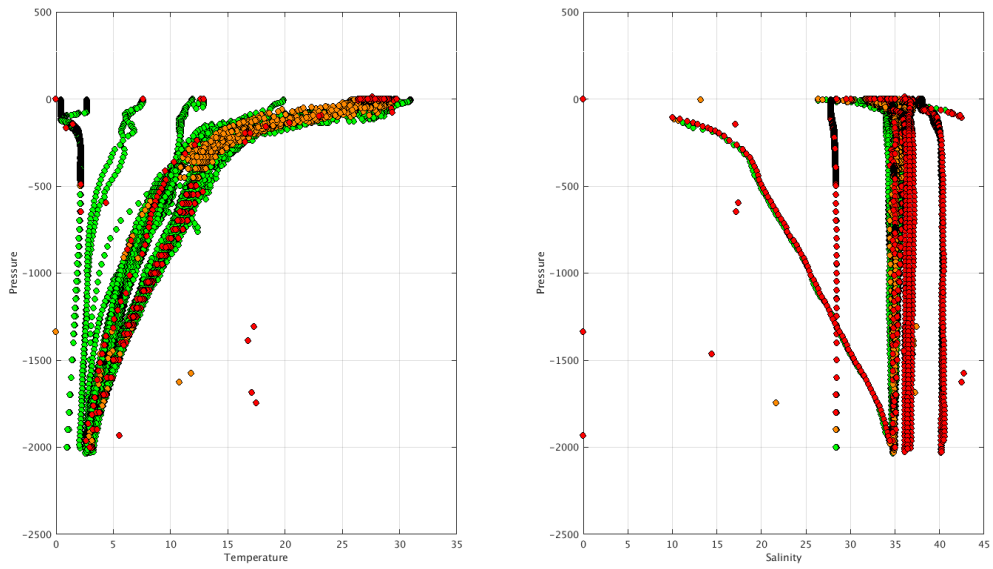


#### Status of corrections: Corrections done or in progress, some feedbacks

##### Files data\_mode='R'/'A'

Float : 2901314 - Cycle : 230 - PI : M Ravichandran - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 4817 - Date : 2017 8 9  
 Float : 2902164 - Cycle : 82 - PI : M Ravichandran - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7093 - Date : 2017 3 28  
 Float : 2902164 - Cycle : 88 - PI : M Ravichandran - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7093 - Date : 2017 5 26  
 Float : 2902166 - Cycle : 178 - PI : M Ravichandran - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7097 - Date : 2019 11 30  
 Float : 2902174 - Cycle : 207 - PI : M Ravichandran - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7124 - Date : 2017 1 25  
 Float : 2902175 - Cycle : 180 - PI : M Ravichandran - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7123 - Date : 2017 1 3  
 Float : 2902175 - Cycle : 181 - PI : M Ravichandran - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7123 - Date : 2017 1 13  
 Float : 2902175 - Cycle : 182 - PI : M Ravichandran - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7123 - Date : 2017 1 23  
 Float : 2902175 - Cycle : 183 - PI : M Ravichandran - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7123 - Date : 2017 2 2  
 Float : 2902175 - Cycle : 187 - PI : M Ravichandran - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7123 - Date : 2017 3 13  
 Float : 2902175 - Cycle : 197 - PI : M Ravichandran - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7123 - Date : 2017 6 18  
 Float : 2902175 - Cycle : 199 - PI : M Ravichandran - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7123 - Date : 2017 7 8  
 Float : 2902175 - Cycle : 201 - PI : M Ravichandran - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7123 - Date : 2017 7 27  
 Float : 2902175 - Cycle : 210 - PI : M Ravichandran - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7123 - Date : 2017 10 23  
 Float : 2902175 - Cycle : 212 - PI : M Ravichandran - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7123 - Date : 2017 11 11  
 Float : 2902175 - Cycle : 214 - PI : M Ravichandran - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7123 - Date : 2017 12 1  
 Float : 2902175 - Cycle : 216 - PI : M Ravichandran - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7123 - Date : 2017 12 20  
 Float : 2902175 - Cycle : 217 - PI : M Ravichandran - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7123 - Date : 2017 12 30  
 Float : 2902197 - Cycle : 28 - PI : M Ravichandran - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7545 - Date : 2016 6 6  
 Float : 2902209 - Cycle : 119 - PI : M Ravichandran - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7826 - Date : 2019 12 1  
 Float : 2902209 - Cycle : 120 - PI : M Ravichandran - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7826 - Date : 2019 12 10  
 Float : 2902232 - Cycle : 272 - PI : M Ravichandran - Data mode : A - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 17002 - Date : 2019 11 30  
 Float : 2902232 - Cycle : 273 - PI : M Ravichandran - Data mode : A - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 17002 - Date : 2019 12 5  
 Float : 2902232 - Cycle : 274 - PI : M Ravichandran - Data mode : A - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 17002 - Date : 2019 12 10  
 Float : 2902232 - Cycle : 275 - PI : M Ravichandran - Data mode : A - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 17002 - Date : 2019 12 15  
 Float : 2902232 - Cycle : 276 - PI : M Ravichandran - Data mode : A - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 17002 - Date : 2019 12 20  
 Float : 2902233 - Cycle : 275 - PI : M Ravichandran - Data mode : A - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 17005 - Date : 2019 12 15  
 Float : 2902233 - Cycle : 276 - PI : M Ravichandran - Data mode : A - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 17005 - Date : 2019 12 20  
 Float : 2902235 - Cycle : 276 - PI : M Ravichandran - Data mode : A - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 17007 - Date : 2019 12 20  
 Float : 2902236 - Cycle : 179 - PI : M Ravichandran - Data mode : A - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 17008 - Date : 2019 12 1  
 Float : 2902236 - Cycle : 181 - PI : M Ravichandran - Data mode : A - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 17008 - Date : 2019 12 11  
 Float : 2902236 - Cycle : 182 - PI : M Ravichandran - Data mode : A - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 17008 - Date : 2019 12 16  
 Float : 2902246 - Cycle : 71 - PI : M Ravichandran - Data mode : A - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 17101 - Date : 2019 12 1  
 Float : 2902246 - Cycle : 72 - PI : M Ravichandran - Data mode : A - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 17101 - Date : 2019 12 11  
 Float : 2902250 - Cycle : 67 - PI : M Ravichandran - Data mode : A - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 17105 - Date : 2019 11 28  
 Float : 2902250 - Cycle : 68 - PI : M Ravichandran - Data mode : A - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 17105 - Date : 2019 12 8  
 Float : 2902250 - Cycle : 69 - PI : M Ravichandran - Data mode : A - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 17105 - Date : 2019 12 18  
 Float : 2902254 - Cycle : 90 - PI : M Ravichandran - Data mode : A - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 17107 - Date : 2019 12 1

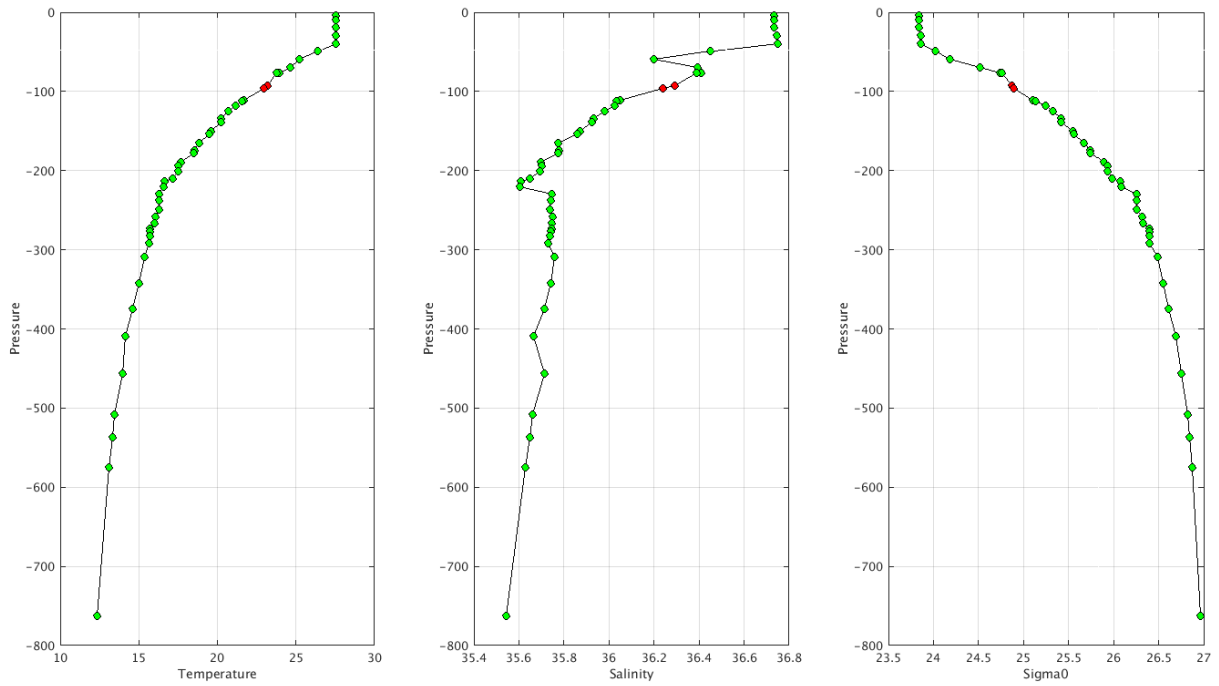




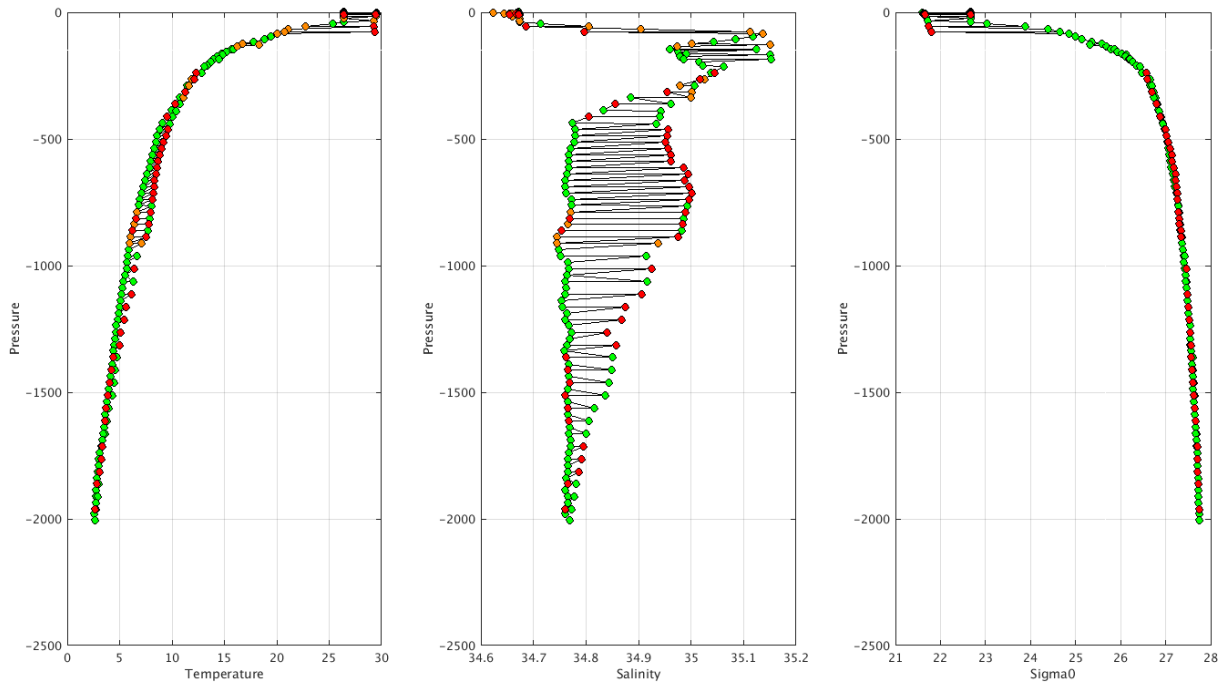
The list of the anomalies can be found at <ftp://ftp.ifremer.fr/ifremer/argo/etc/ObjectiveAnalysisWarning/incois/>

Example of anomalies: Many profiles with values 0 for one point in surface (Temperature and Salinity)

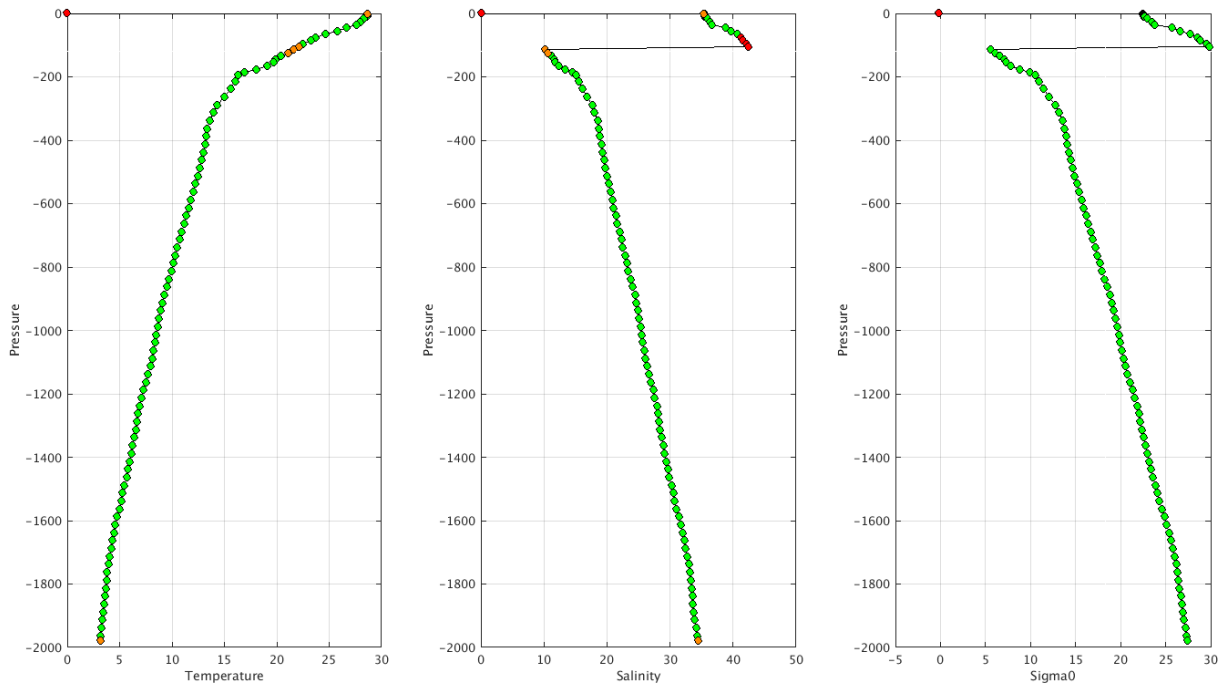
Warning Objective Analysis Anomalies 2019 December TEMP PSAL : DAC IN- Float 2900256 - 38



Warning Objective Analysis Anomalies 2019 December TEMP PSAL : DAC IN- Float 2902101 - 113



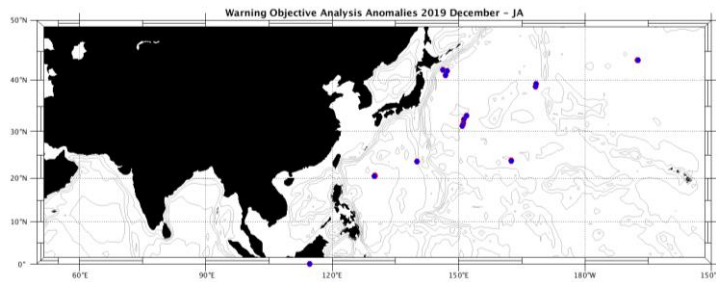
Warning Objective Analysis Anomalies 2019 December TEMP PSAL : DAC IN- Float 2902257 - 173



#### 4.6. DAC JMA/JAMSTEC

Profiles detected by the objective analysis: 24 profiles (9 floats, but floats can have several cycles with anomalies)

| Data_mode ='R' | Data_mode ='A' | Data_mode ='D' |
|----------------|----------------|----------------|
| 16 cycles      | 7 cycles       | 1 cycle        |



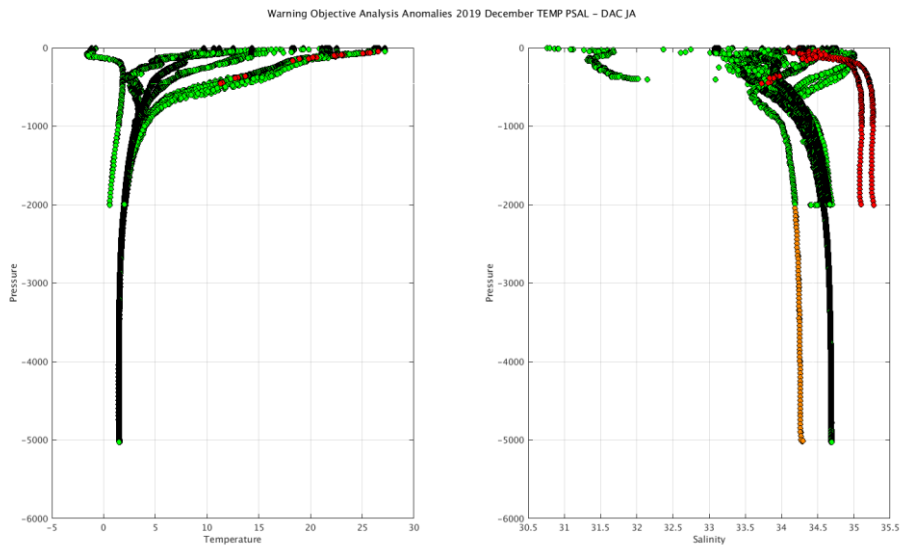
#### Status of corrections: Correction in progress, feedbacks each month

##### Files data\_mode='R'/'A'

Float : 1902078 - Cycle : 139 - PI : JAMSTEC - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : OIN-13JAP-ARL-70 - Date : 2019 12 2  
 Float : 1902078 - Cycle : 140 - PI : JAMSTEC - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : OIN-13JAP-ARL-70 - Date : 2019 12 12  
 Float : 2902529 - Cycle : 14 - PI : JAMSTEC - Data mode : A - Platform type : S2A - WMO inst type : 854 - FLOAT SERIAL : 7252 - Date : 2014 9 19  
 Float : 2902529 - Cycle : 16 - PI : JAMSTEC - Data mode : A - Platform type : S2A - WMO inst type : 854 - FLOAT SERIAL : 7252 - Date : 2014 9 30  
 Float : 2903176 - Cycle : 386 - PI : JAMSTEC - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 6207 - Date : 2014 8 17  
 Float : 2903191 - Cycle : 136 - PI : JMA - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : AJ1000-17JP001 - Date : 2019 11 29  
 Float : 2903191 - Cycle : 137 - PI : JMA - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : AJ1000-17JP001 - Date : 2019 12 4  
 Float : 2903191 - Cycle : 138 - PI : JMA - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : AJ1000-17JP001 - Date : 2019 12 9  
 Float : 2903191 - Cycle : 139 - PI : JMA - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : AJ1000-17JP001 - Date : 2019 12 14  
 Float : 2903191 - Cycle : 140 - PI : JMA - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : AJ1000-17JP001 - Date : 2019 12 19  
 Float : 2903212 - Cycle : 66 - PI : JAMSTEC - Data mode : R - Platform type : APEX\_D - WMO inst type : 849 - FLOAT SERIAL : 29 - Date : 2019 12 6  
 Float : 2903212 - Cycle : 67 - PI : JAMSTEC - Data mode : R - Platform type : APEX\_D - WMO inst type : 849 - FLOAT SERIAL : 29 - Date : 2019 12 15  
 Float : 2903214 - Cycle : 133 - PI : JMA - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : AJ1000-17JP002 - Date : 2019 11 29  
 Float : 2903214 - Cycle : 134 - PI : JMA - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : AJ1000-17JP002 - Date : 2019 12 4  
 Float : 2903214 - Cycle : 135 - PI : JMA - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : AJ1000-17JP002 - Date : 2019 12 9  
 Float : 2903214 - Cycle : 136 - PI : JMA - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : AJ1000-17JP002 - Date : 2019 12 14  
 Float : 2903214 - Cycle : 137 - PI : JMA - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : AJ1000-17JP002 - Date : 2019 12 19  
 Float : 2903401 - Cycle : 25 - PI : JAMSTEC - Data mode : R - Platform type : APEX\_D - WMO inst type : 849 - FLOAT SERIAL : 50 - Date : 2019 11 7  
 Float : 2903401 - Cycle : 29 - PI : JAMSTEC - Data mode : R - Platform type : APEX\_D - WMO inst type : 849 - FLOAT SERIAL : 50 - Date : 2019 12 14  
 Float : 4902374 - Cycle : 89 - PI : JAMSTEC - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7850 - Date : 2019 11 11  
 Float : 4902374 - Cycle : 90 - PI : JAMSTEC - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7850 - Date : 2019 11 21  
 Float : 4902374 - Cycle : 91 - PI : JAMSTEC - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7850 - Date : 2019 12 1  
 Float : 4902374 - Cycle : 92 - PI : JAMSTEC - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7850 - Date : 2019 12 11

##### Files data\_mode='D'

Float : 2900360 - Cycle : 80 - PI : Tomowo Watanabe - Data mode : D - Platform type : PALACE - WMO inst type : 845 - FLOAT SERIAL : n/a - Date : 2003 11 21

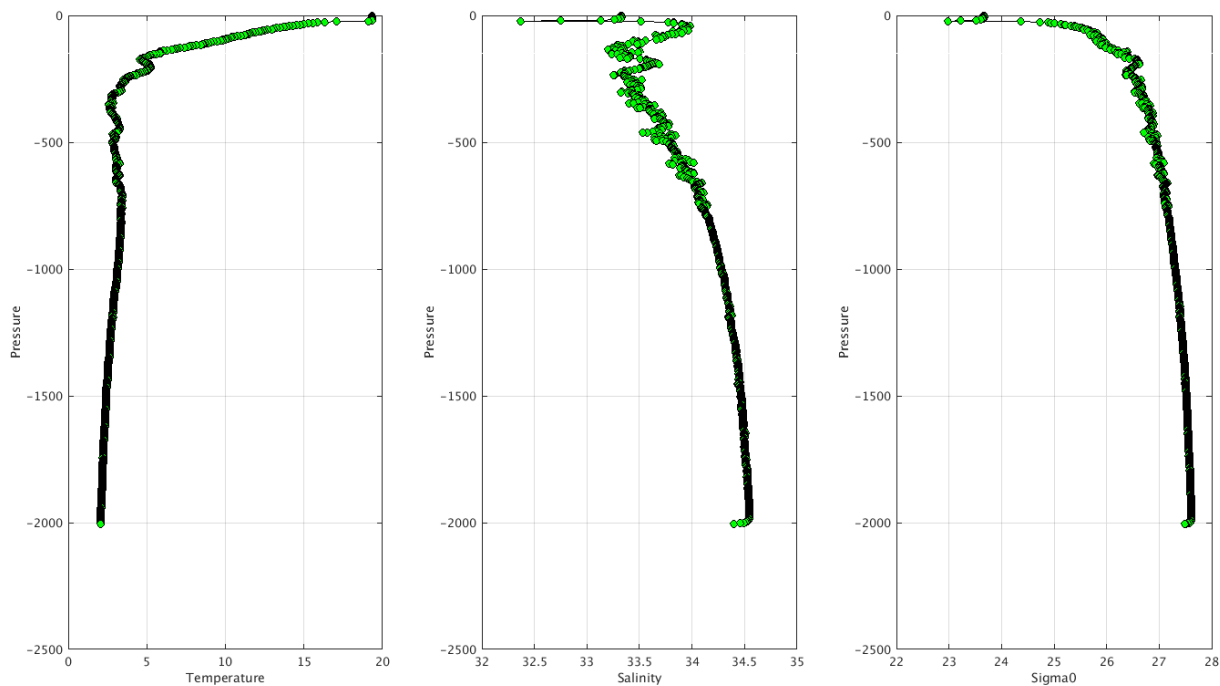




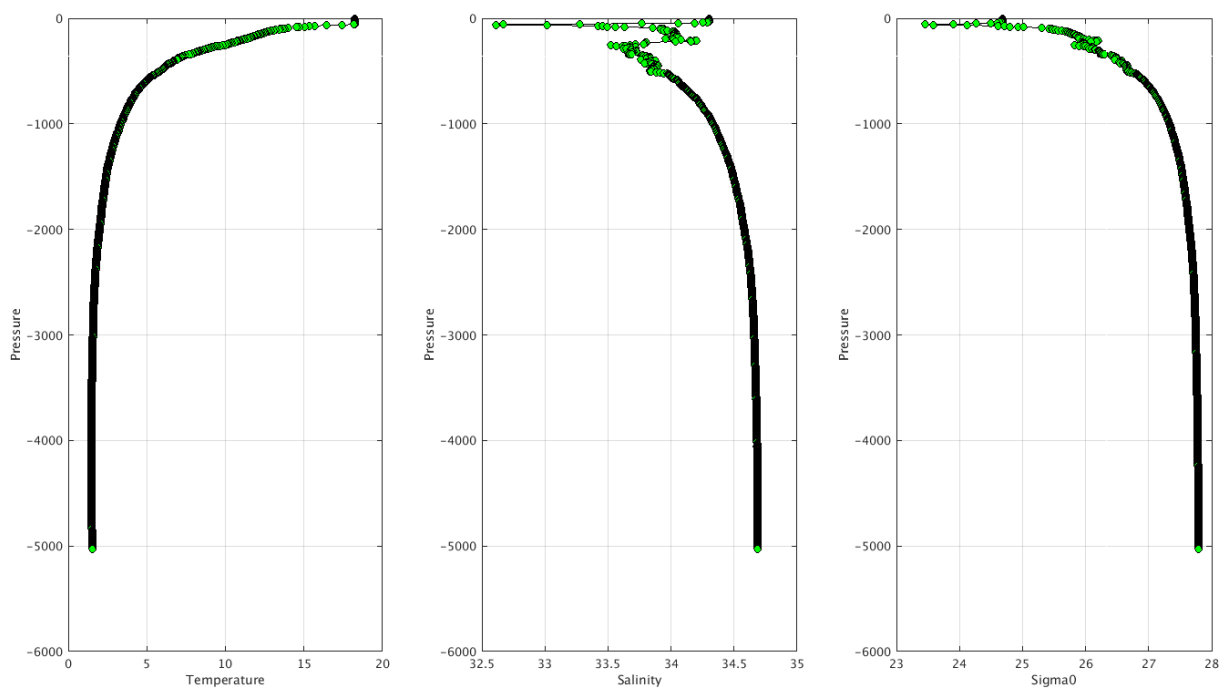
The list of the anomalies can be found at <ftp://ftp.ifremer.fr/ifremer/argo/etc/ObjectiveAnalysisWarning/jma/>

Example of anomalies:

Warning Objective Analysis Anomalies 2019 December TEMP PSAL : DAC JA- Float 2902529 - 14



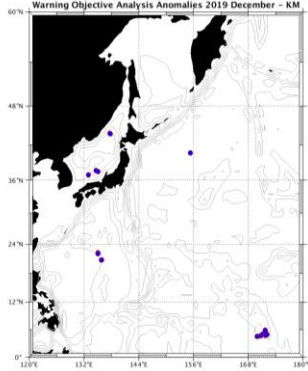
Warning Objective Analysis Anomalies 2019 December TEMP PSAL : DAC JA- Float 2903401 - 25



4.7. DAC KMA

Profiles detected by the objective analysis: 17 profiles (6 floats can have several cycles with anomalies)

|                |                |                |
|----------------|----------------|----------------|
| Data_mode ='R' | Data_mode ='A' | Data_mode ='D' |
| 8 cycles       | 0 cycle        | 9 cycles       |



**Status of corrections:** Correction not done for all, few feedbacks

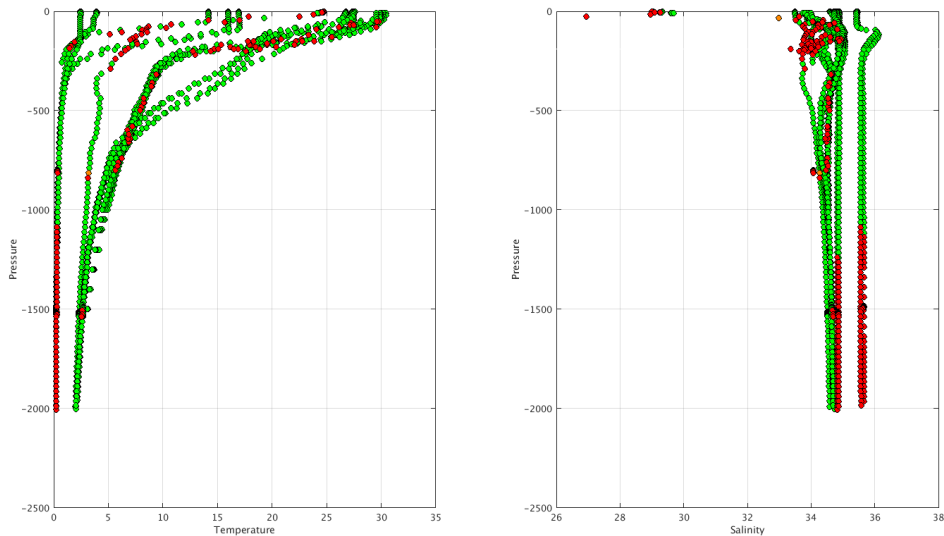
Files data\_mode='R'/'D'

- Float : 2901758 - Cycle : 110 - PI : Jaeyoung Byon - Data mode : R - Platform type : ARVOR - WMO inst type : 846 - FLOAT SERIAL : n/a - Date : 2019 12 2
- Float : 2901758 - Cycle : 111 - PI : Jaeyoung Byon - Data mode : R - Platform type : ARVOR - WMO inst type : 846 - FLOAT SERIAL : n/a - Date : 2019 12 12
- Float : 2901759 - Cycle : 122 - PI : Jaeyoung Byon - Data mode : R - Platform type : ARVOR - WMO inst type : 846 - FLOAT SERIAL : n/a - Date : 2019 12 2
- Float : 2901759 - Cycle : 123 - PI : Jaeyoung Byon - Data mode : R - Platform type : ARVOR - WMO inst type : 846 - FLOAT SERIAL : n/a - Date : 2019 12 12
- Float : 2901760 - Cycle : 122 - PI : Jaeyoung Byon - Data mode : R - Platform type : ARVOR - WMO inst type : 846 - FLOAT SERIAL : n/a - Date : 2019 12 3
- Float : 2901760 - Cycle : 123 - PI : Jaeyoung Byon - Data mode : R - Platform type : ARVOR - WMO inst type : 846 - FLOAT SERIAL : n/a - Date : 2019 12 13
- Float : 2901765 - Cycle : 122 - PI : Jaeyoung Byon - Data mode : R - Platform type : ARVOR - WMO inst type : 846 - FLOAT SERIAL : n/a - Date : 2019 12 4
- Float : 2901765 - Cycle : 123 - PI : Jaeyoung Byon - Data mode : R - Platform type : ARVOR - WMO inst type : 846 - FLOAT SERIAL : n/a - Date : 2019 12 14

Files data\_mode='D'

- Float : 2901225 - Cycle : 176 - PI : Sang-Beum Ryu - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : - Date : 2014 9 1
- Float : 2901225 - Cycle : 177 - PI : Sang-Beum Ryu - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : - Date : 2014 9 11
- Float : 2901225 - Cycle : 178 - PI : Sang-Beum Ryu - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : - Date : 2014 9 21
- Float : 2901225 - Cycle : 179 - PI : Sang-Beum Ryu - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : - Date : 2014 10 1
- Float : 2901225 - Cycle : 180 - PI : Sang-Beum Ryu - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : - Date : 2014 10 11
- Float : 2901225 - Cycle : 183 - PI : Sang-Beum Ryu - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : - Date : 2014 11 10
- Float : 2901225 - Cycle : 184 - PI : Sang-Beum Ryu - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : - Date : 2014 11 20
- Float : 2901225 - Cycle : 185 - PI : Sang-Beum Ryu - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : - Date : 2014 11 30
- Float : 2901726 - Cycle : 13 - PI : Youngsoo Jeon - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 5872 - Date : 2014 8 26

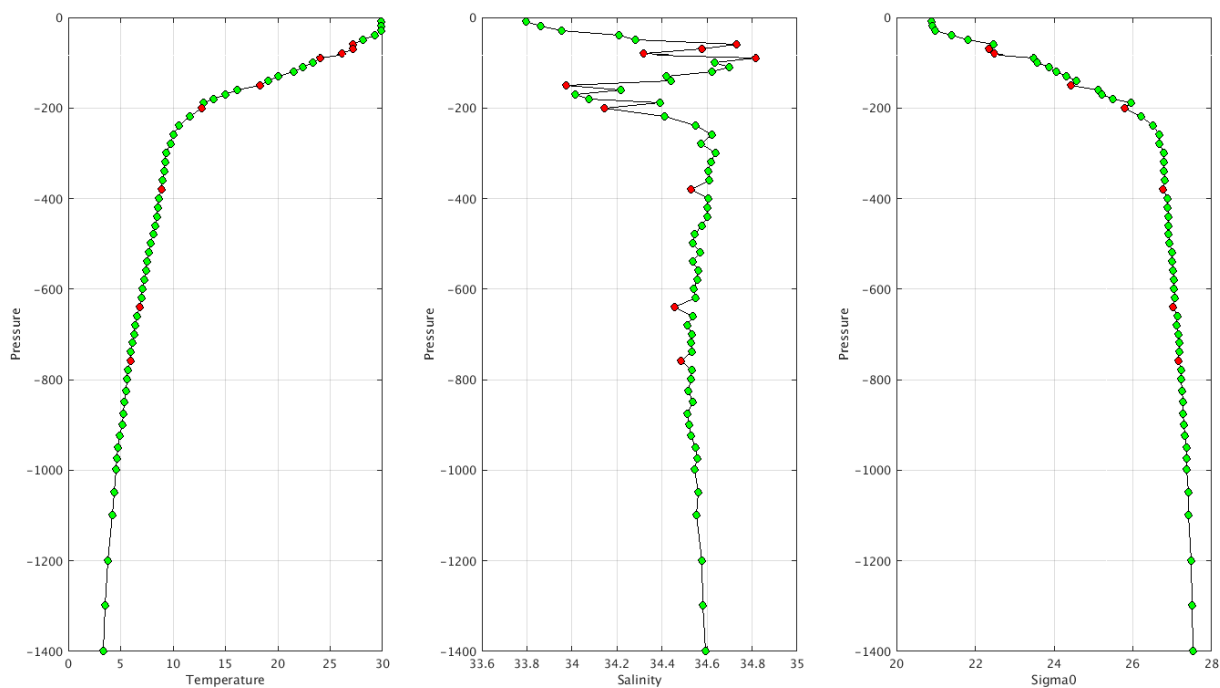
Warning Objective Analysis Anomalies 2019 December TEMP PSAL - DAC KM



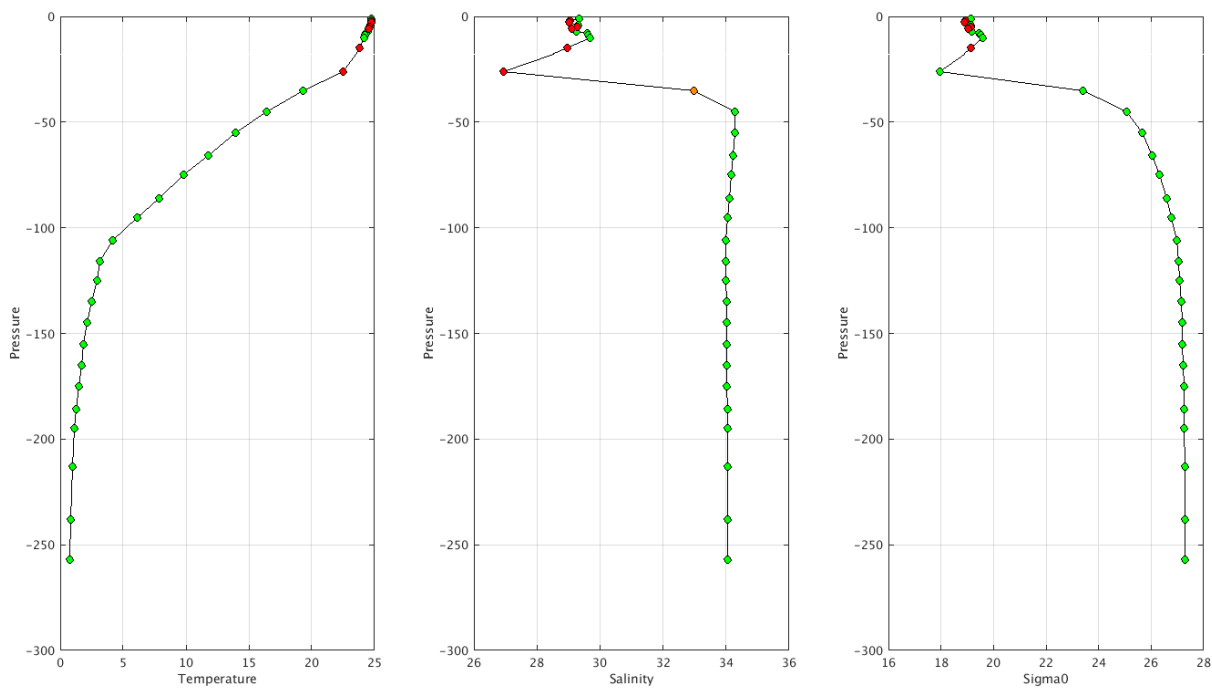
The list of the anomalies can be found at <ftp://ftp.ifremer.fr/ifremer/argo/etc/ObjectiveAnalysisWarning/kma/>

Example of anomalies:

Warning Objective Analysis Anomalies 2019 December TEMP PSAL : DAC KM- Float 2901225 - 184



Warning Objective Analysis Anomalies 2019 December TEMP PSAL : DAC KM- Float 2901726 - 13



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

- 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, .....

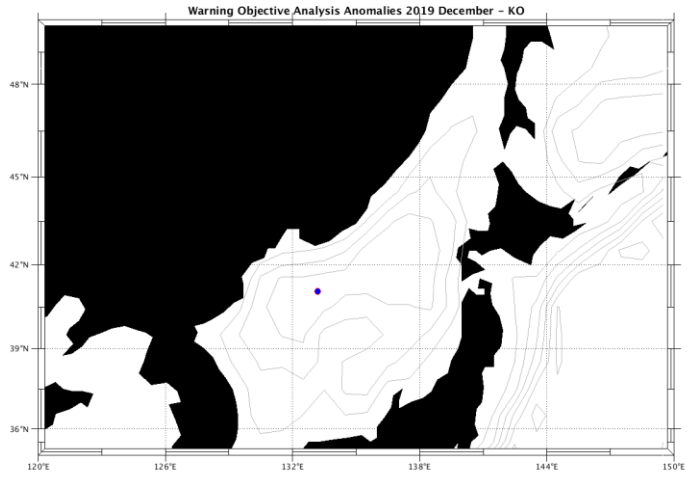
Mix of R (cycles 001 -024-025) and D files for float 2900171

|                 |                 |                 |                 |                 |                 |                 |                 |                 |
|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| 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 |                 |

4.8. DAC KORDI/KIOST

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        | 0 cycle        | 1 cycle        |



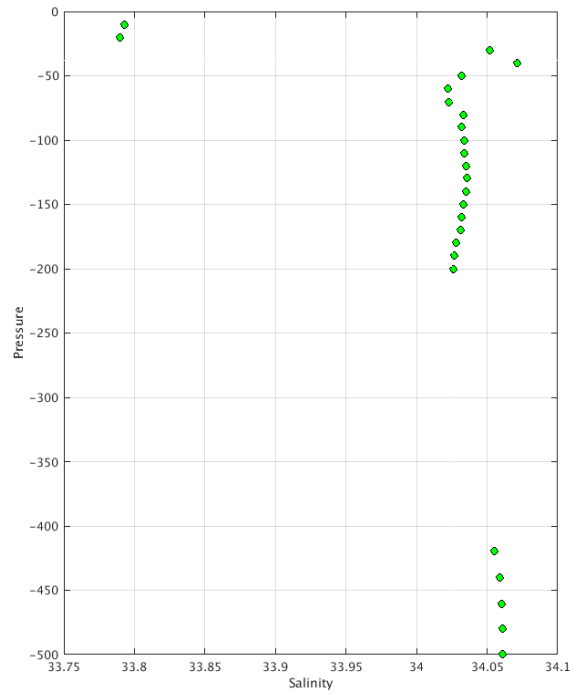
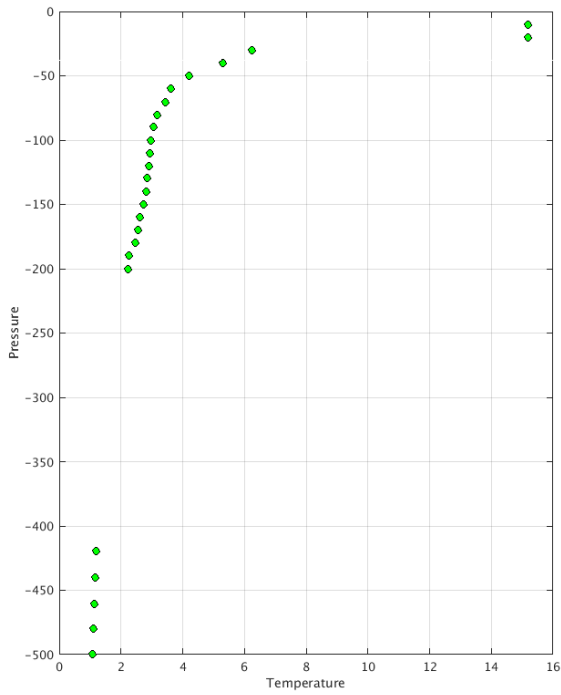
**Status of corrections: Correction done, feedbacks.**

**Files data mode='R' /'A'**

**Files data mode='D'**

Float : 2900328 - Cycle : 100 - PI : Moon-Sik Suk - Data mode : D - Platform type : PROVOR\_MT - WMO inst type : 841 - FLOAT SERIAL : MT-149 - Date : 2006 9 19

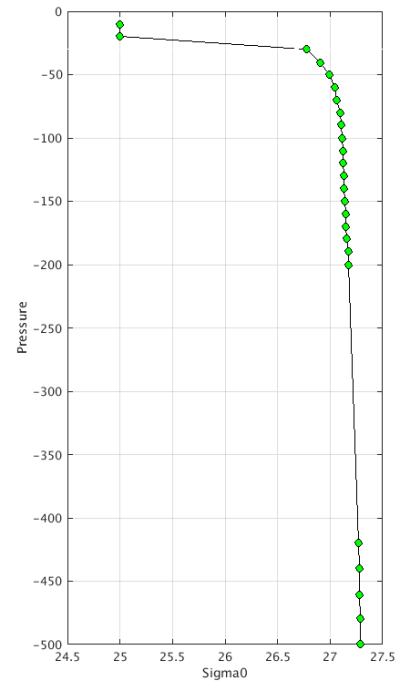
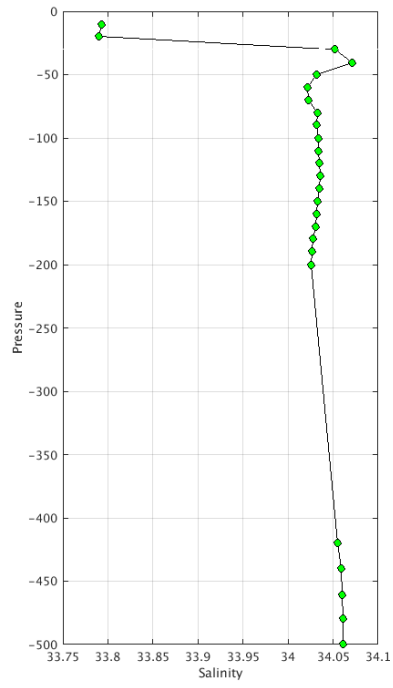
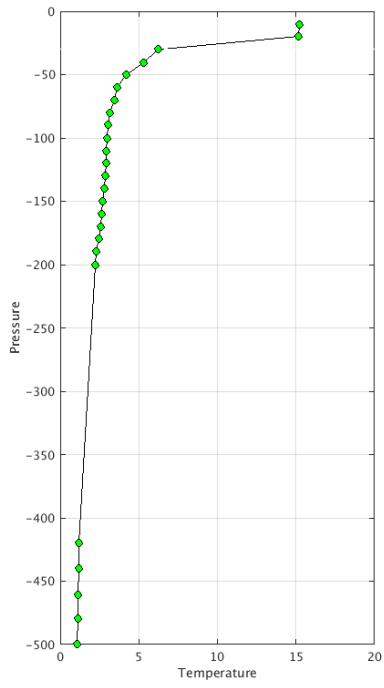
Warning Objective Analysis Anomalies 2019 December TEMP PSAL – DAC KO



The list of the anomalies can be found at <ftp://ftp.ifremer.fr/ifremer/argo/etc/ObjectiveAnalysisWarning/kordi/>

Example of anomalies:

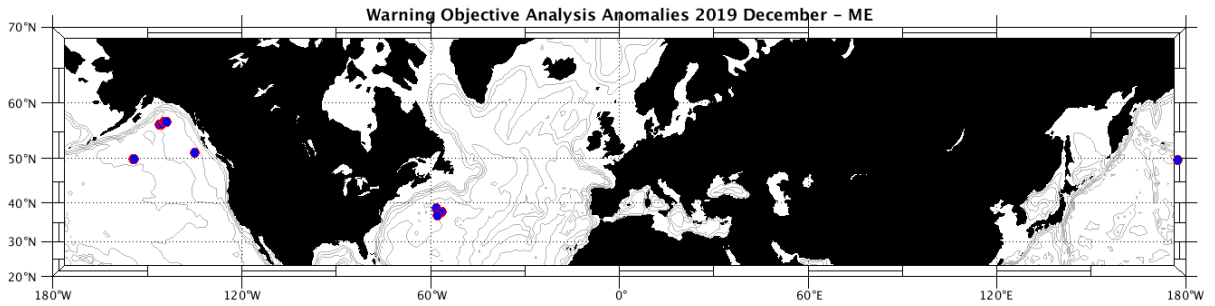
Warning Objective Analysis Anomalies 2019 December TEMP PSAL : DAC KO- Float 2900328 - 100



4.9. DAC MEDS

Profiles detected by the objective analysis: 14 profiles (5 floats, but floats can have several cycles with anomalies)

| Data_mode ='R' | Data_mode ='A' | Data_mode ='D' |
|----------------|----------------|----------------|
| 5 cycles       | 7 cycles       | 2 cycles       |



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

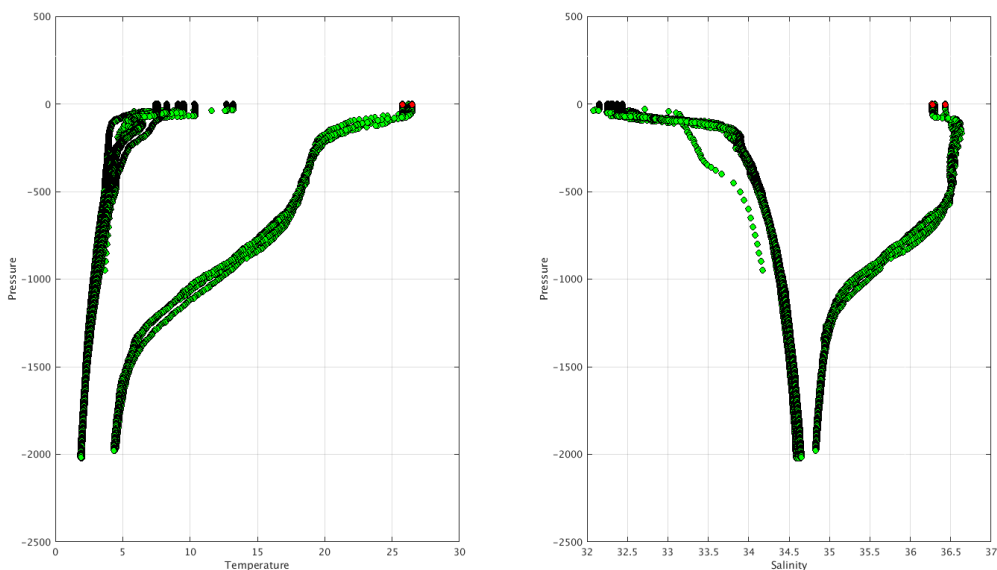
**Files data\_mode='R'/'A'**

- Float : 4901145 - Cycle : 151 - PI : Blair Greenan - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 4981 - Date : 2014 8 19
- Float : 4901199 - Cycle : 68 - PI : Blair Greenan - Data mode : R - Platform type : NOVA - WMO inst type : 865 - FLOAT SERIAL : 39 - Date : 2014 8 18
- Float : 4901199 - Cycle : 70 - PI : Blair Greenan - Data mode : R - Platform type : NOVA - WMO inst type : 865 - FLOAT SERIAL : 39 - Date : 2014 9 7
- Float : 4901199 - Cycle : 71 - PI : Blair Greenan - Data mode : R - Platform type : NOVA - WMO inst type : 865 - FLOAT SERIAL : 39 - Date : 2014 9 17
- Float : 4901199 - Cycle : 72 - PI : Blair Greenan - Data mode : R - Platform type : NOVA - WMO inst type : 865 - FLOAT SERIAL : 39 - Date : 2014 9 27
- Float : 4901818 - Cycle : 125 - PI : Blair Greenan - Data mode : A - Platform type : NOVA - WMO inst type : 865 - FLOAT SERIAL : 324 - Date : 2019 12 5
- Float : 4902465 - Cycle : 47 - PI : Blair Greenan - Data mode : A - Platform type : NOVA - WMO inst type : 865 - FLOAT SERIAL : 601 - Date : 2019 10 24
- Float : 4902465 - Cycle : 48 - PI : Blair Greenan - Data mode : A - Platform type : NOVA - WMO inst type : 865 - FLOAT SERIAL : 601 - Date : 2019 11 3
- Float : 4902465 - Cycle : 49 - PI : Blair Greenan - Data mode : A - Platform type : NOVA - WMO inst type : 865 - FLOAT SERIAL : 601 - Date : 2019 11 13
- Float : 4902465 - Cycle : 50 - PI : Blair Greenan - Data mode : A - Platform type : NOVA - WMO inst type : 865 - FLOAT SERIAL : 601 - Date : 2019 11 23
- Float : 4902465 - Cycle : 51 - PI : Blair Greenan - Data mode : A - Platform type : NOVA - WMO inst type : 865 - FLOAT SERIAL : 601 - Date : 2019 12 3
- Float : 4902465 - Cycle : 52 - PI : Blair Greenan - Data mode : A - Platform type : NOVA - WMO inst type : 865 - FLOAT SERIAL : 601 - Date : 2019 12 13

**Files data\_mode='D'**

- Float : 4901797 - Cycle : 45 - PI : Blair Greenan - Data mode : D - Platform type : NOVA - WMO inst type : 865 - FLOAT SERIAL : 213 - Date : 2016 10 1
- Float : 4901797 - Cycle : 46 - PI : Blair Greenan - Data mode : D - Platform type : NOVA - WMO inst type : 865 - FLOAT SERIAL : 213 - Date : 2016 10 11

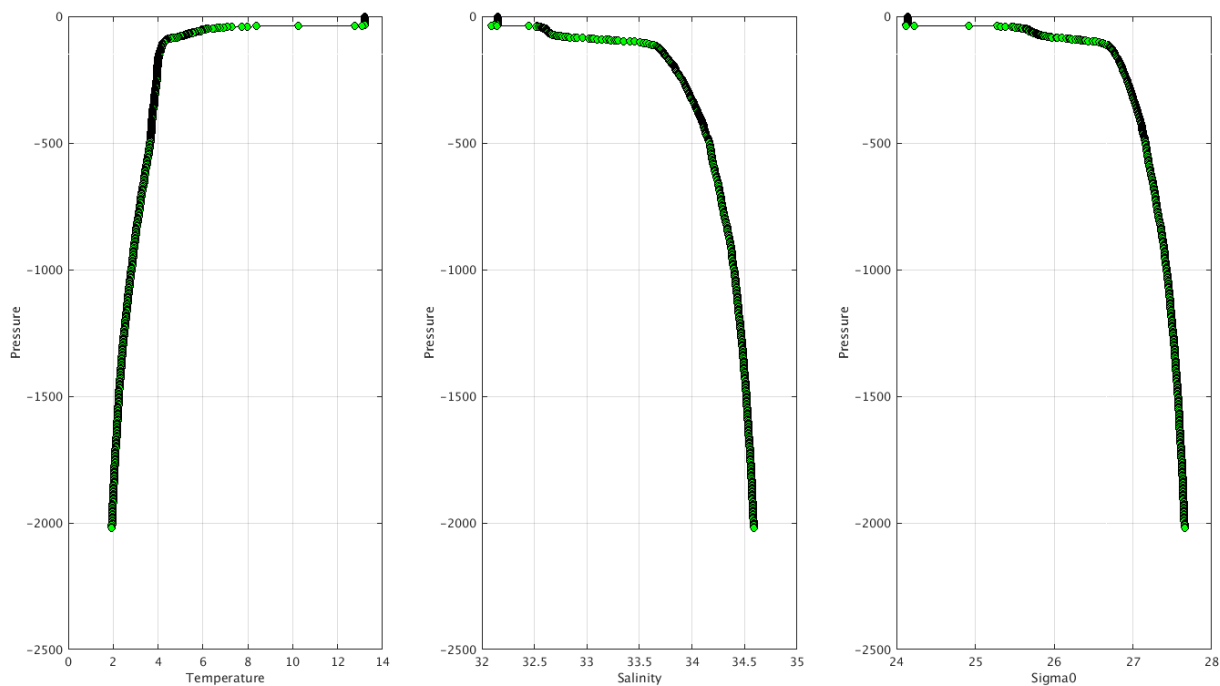
Warning Objective Analysis Anomalies 2019 December TEMP PSAL - DAC ME



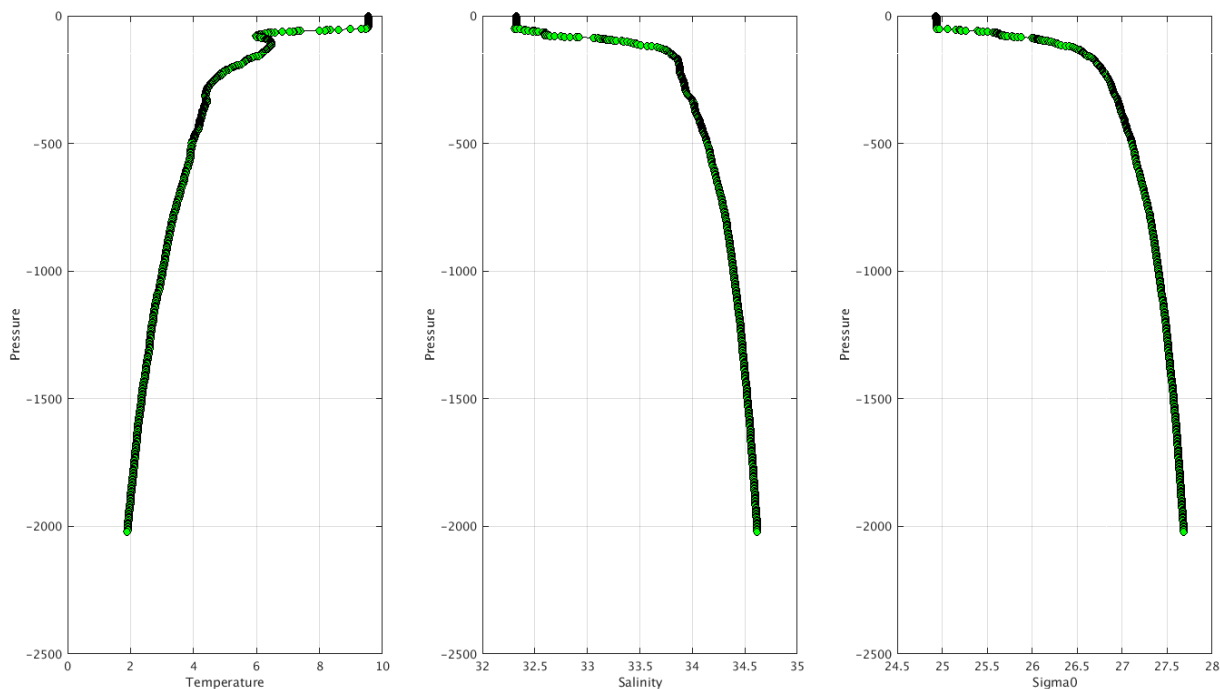
The list of the anomalies can be found at <http://ftp.ifremer.fr/ifremer/argo/etc/ObjectiveAnalysisWarning/meds/>

Example of anomalies:

Warning Objective Analysis Anomalies 2019 December TEMP PSAL : DAC ME- Float 4901797 - 45



Warning Objective Analysis Anomalies 2019 December TEMP PSAL : DAC ME- Float 4902465 - 49







## 5. 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

### 5.1. 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 :

Feedback from AOML to remove floats for which no sufficient information to create the missing files; some are **Orbcomm** floats (wait for recommendations) which have no technical data, no drift pressure, no timing information and onlmy one surface position then tech files are obsolete and traj files quite useless.

Feedback for floats **4900433**, **4903243** that should be updated

DAC name : aoml – Number of floats : 7317

1900167 - Existing NetCDF files

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

3900148 - Existing NetCDF files

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

1900168 - Existing NetCDF files

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

3900160 - Existing NetCDF files

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

1900189 - Existing NetCDF files

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

41534 - Existing NetCDF files

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

1900244 - Existing NetCDF files

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

4900228 - Existing NetCDF files

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

1900245 - Existing NetCDF files

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

4900229 - Existing NetCDF files

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

1900255 - Existing NetCDF files

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

4900230 - Existing NetCDF files

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

1900257 - Existing NetCDF files

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

4900268 - Existing NetCDF files

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

1900748 - Existing NetCDF files

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

4900269 - Existing NetCDF files

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

1900831 - Existing NetCDF files

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

4900270 - Existing NetCDF files

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

1901658 - Existing NetCDF files

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

4900271 - Existing NetCDF files

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

2901106 - Existing NetCDF files

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

4900272 - Existing NetCDF files

File : 4900272\_meta.nc - 4900272\_prof.nc -

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

4903243 - Existing NetCDF files  
File : 4903243\_meta.nc - 4903243\_prof.nc - 4903243\_tech.nc -

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

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

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

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

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

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

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

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

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

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

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

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

## 5.2. 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 monoprofile, no trajectory)

**MAINLY TRAJECTORY FILE MISSING**

See below the list of floats with existing nc files :

**DAC name : bodc – Number of floats : 726**

1901312 - Existing NetCDF files

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

1901844 - Existing NetCDF files

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

1901845 - Existing NetCDF files

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

1901846 - Existing NetCDF files

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

1901847 - Existing NetCDF files

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

1901848 - Existing NetCDF files

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

1901849 - Existing NetCDF files

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

1901850 - Existing NetCDF files

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

1901851 - Existing NetCDF files

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

1901852 - Existing NetCDF files

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

1901853 - Existing NetCDF files

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

1901854 - Existing NetCDF files

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

1901855 - Existing NetCDF files

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

1901856 - Existing NetCDF files

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

1901857 - Existing NetCDF files

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

1901858 - Existing NetCDF files

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

1901859 - Existing NetCDF files

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

1901860 - Existing NetCDF files

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

1901861 - Existing NetCDF files

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

1901862 - Existing NetCDF files

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

1901863 - Existing NetCDF files

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

1901864 - Existing NetCDF files

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

1901865 - Existing NetCDF files

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1901866 - Existing NetCDF files

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

1901867 - Existing NetCDF files

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

1901868 - Existing NetCDF files

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

1901869 - Existing NetCDF files

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

1901870 - Existing NetCDF files

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

1901871 - Existing NetCDF files

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

1901872 - Existing NetCDF files

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

1901873 - Existing NetCDF files

File : 1901873\_meta.nc - 1901873\_prof.nc - 1901873\_tech.nc -

1901875 - Existing NetCDF files

File : 1901875\_meta.nc - 1901875\_prof.nc - 1901875\_tech.nc -

1901876 - Existing NetCDF files

File : 1901876\_meta.nc - 1901876\_prof.nc - 1901876\_tech.nc -

1901877 - Existing NetCDF files

File : 1901877\_meta.nc - 1901877\_prof.nc - 1901877\_tech.nc -

1901878 - Existing NetCDF files

File : 1901878\_meta.nc - 1901878\_prof.nc - 1901878\_tech.nc -

1901879 - Existing NetCDF files

File : 1901879\_meta.nc - 1901879\_prof.nc - 1901879\_tech.nc -

1901880 - Existing NetCDF files

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1901881 - Existing NetCDF files

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

1901882 - Existing NetCDF files

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1901883 - Existing NetCDF files

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1901884 - Existing NetCDF files

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1901885 - Existing NetCDF files  
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1901886 - Existing NetCDF files  
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1901887 - Existing NetCDF files  
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1901888 - Existing NetCDF files  
File : 1901888\_meta.nc - 1901888\_prof.nc - 1901888\_tech.nc -  
1901894 - Existing NetCDF files  
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1901896 - Existing NetCDF files  
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1901897 - Existing NetCDF files  
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1901898 - Existing NetCDF files  
File : 1901898\_meta.nc - 1901898\_prof.nc - 1901898\_tech.nc -  
1901899 - Existing NetCDF files  
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1901900 - Existing NetCDF files  
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1901901 - Existing NetCDF files  
File : 1901901\_meta.nc - 1901901\_prof.nc - 1901901\_tech.nc -  
1901902 - Existing NetCDF files  
File : 1901902\_meta.nc - 1901902\_prof.nc - 1901902\_tech.nc -  
1901903 - Existing NetCDF files  
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1901904 - Existing NetCDF files  
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1901906 - Existing NetCDF files  
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1901907 - Existing NetCDF files  
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1901909 - Existing NetCDF files  
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1901910 - Existing NetCDF files  
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1901911 - Existing NetCDF files  
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1901912 - Existing NetCDF files  
File : 1901912\_meta.nc - 1901912\_prof.nc - 1901912\_tech.nc -  
1901914 - Existing NetCDF files  
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1901915 - Existing NetCDF files  
File : 1901915\_meta.nc - 1901915\_prof.nc - 1901915\_tech.nc -  
1901916 - Existing NetCDF files  
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1901917 - Existing NetCDF files  
File : 1901917\_meta.nc - 1901917\_prof.nc - 1901917\_tech.nc -  
1902079 - Existing NetCDF files  
File : 1902079\_meta.nc - 1902079\_prof.nc - 1902079\_tech.nc -  
2901892 - Existing NetCDF files  
File : 2901892\_meta.nc - 2901892\_prof.nc - 2901892\_tech.nc -  
2901893 - Existing NetCDF files  
File : 2901893\_meta.nc - 2901893\_prof.nc - 2901893\_tech.nc -  
2901894 - Existing NetCDF files  
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2901895 - Existing NetCDF files  
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2901896 - Existing NetCDF files  
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2901897 - Existing NetCDF files  
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2901898 - Existing NetCDF files  
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2901899 - Existing NetCDF files  
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2901900 - Existing NetCDF files  
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2901902 - Existing NetCDF files  
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2901903 - Existing NetCDF files  
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2901904 - Existing NetCDF files  
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2901905 - Existing NetCDF files  
File : 2901905\_meta.nc - 2901905\_prof.nc - 2901905\_tech.nc -  
3900538 - Existing NetCDF files  
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3900559 - Existing NetCDF files  
File : 3900559\_meta.nc - 3900559\_prof.nc - 3900559\_tech.nc -  
3900560 - Existing NetCDF files  
File : 3900560\_meta.nc - 3900560\_prof.nc - 3900560\_tech.nc -  
3901488 - Existing NetCDF files  
File : 3901488\_meta.nc - 3901488\_prof.nc - 3901488\_tech.nc -  
3901489 - Existing NetCDF files  
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3901539 - Existing NetCDF files  
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3901546 - Existing NetCDF files  
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3901547 - Existing NetCDF files  
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3901548 - Existing NetCDF files  
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3901549 - Existing NetCDF files  
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3901550 - Existing NetCDF files  
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3901551 - Existing NetCDF files  
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3902398 - Existing NetCDF files  
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3902399 - Existing NetCDF files  
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3902400 - Existing NetCDF files  
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3902402 - Existing NetCDF files  
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3902403 - Existing NetCDF files  
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49065 - Existing NetCDF files  
File : 49065\_meta.nc - 49065\_prof.nc - 49065\_tech.nc -

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

6901155 - Existing NetCDF files  
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6901156 - Existing NetCDF files  
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6901157 - Existing NetCDF files  
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6901158 - Existing NetCDF files  
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6901159 - Existing NetCDF files  
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6901160 - Existing NetCDF files  
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6901161 - Existing NetCDF files  
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6901162 - Existing NetCDF files  
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6901163 - Existing NetCDF files  
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6901164 - Existing NetCDF files  
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6901165 - Existing NetCDF files  
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6901166 - Existing NetCDF files  
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6901167 - Existing NetCDF files  
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6901168 - Existing NetCDF files  
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6901169 - Existing NetCDF files  
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6901170 - Existing NetCDF files  
File : 6901170\_meta.nc - 6901170\_prof.nc - 6901170\_tech.nc -

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

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

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

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

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

6901178 - Existing NetCDF files  
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6901179 - Existing NetCDF files  
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6901188 - Existing NetCDF files  
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6901189 - Existing NetCDF files  
File : 6901189\_meta.nc - 6901189\_prof.nc - 6901189\_tech.nc -

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

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

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

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

6901196 - Existing NetCDF files

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6901197 - Existing NetCDF files

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6901198 - Existing NetCDF files

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6901199 - Existing NetCDF files

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6901200 - Existing NetCDF files

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6901201 - Existing NetCDF files

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6901202 - Existing NetCDF files

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6901205 - Existing NetCDF files

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6901206 - Existing NetCDF files

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6901207 - Existing NetCDF files

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6901208 - Existing NetCDF files

File : 6901208\_meta.nc - 6901208\_prof.nc - 6901208\_tech.nc -

6901211 - Existing NetCDF files

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

6901212 - Existing NetCDF files

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

6901213 - Existing NetCDF files

File : 6901213\_meta.nc - 6901213\_prof.nc - 6901213\_tech.nc -

6901919 - Existing NetCDF files

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6901920 - Existing NetCDF files

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6901921 - Existing NetCDF files

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6901922 - Existing NetCDF files

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6901923 - Existing NetCDF files

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6901924 - Existing NetCDF files

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6901925 - Existing NetCDF files

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6901926 - Existing NetCDF files

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6901927 - Existing NetCDF files

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6901928 - Existing NetCDF files

File : 6901928\_meta.nc - 6901928\_prof.nc - 6901928\_tech.nc

### 5.3. 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 : 2964**

1900380 - Existing NetCDF files

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

1901216 - Existing NetCDF files

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

3900794 - Existing NetCDF files

File : 3900794\_Rtraj.nc - 3900794\_meta.nc -

5902309 - Existing NetCDF files

File : 5902309\_Rtraj.nc - 5902309\_meta.nc -

5903129 - Existing NetCDF files

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

6900215 - Existing NetCDF files

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

6900217 - Existing NetCDF files

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

6900940 - Existing NetCDF files

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

6901000 - Existing NetCDF files

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

6901069 - Existing NetCDF files

File : 6901069\_Rtraj.nc - 6901069\_meta.nc -

6901438 - Existing NetCDF files



File : 6901438\_Rtraj.nc - 6901438\_meta.nc -

6901469 - Existing NetCDF files

File : 6901469\_Rtraj.nc - 6901469\_meta.nc -

6901551 - Existing NetCDF files

File : 6901551\_Rtraj.nc - 6901551\_meta.nc - 6901551\_tech.nc -

6901594 - Existing NetCDF files

File : 6901594\_Rtraj.nc - 6901594\_meta.nc - 6901594\_tech.nc -

6901615 - Existing NetCDF files

File : 6901615\_Rtraj.nc - 6901615\_meta.nc - 6901615\_tech.nc -

6901820 - Existing NetCDF files

File : 6901820\_Rtraj.nc - 6901820\_meta.nc -

6901844 - Existing NetCDF files

File : 6901844\_Rtraj.nc - 6901844\_meta.nc -

6901854 - Existing NetCDF files

File : 6901854\_Rtraj.nc - 6901854\_meta.nc - 6901854\_tech.nc -

6901870 - Existing NetCDF files

File : 6901870\_Rtraj.nc - 6901870\_meta.nc -

6901871 - Existing NetCDF files

File : 6901871\_Rtraj.nc - 6901871\_meta.nc -

6902583 - Existing NetCDF files

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

6902685 - Existing NetCDF files

File : 6902685\_Rtraj.nc - 6902685\_meta.nc - 6902685\_tech.nc -

6902741 - Existing NetCDF files

File : 6902741\_Rtraj.nc - 6902741\_meta.nc - 6902741\_tech.nc -

6903181 - Existing NetCDF files

File : 6903181\_Rtraj.nc - 6903181\_meta.nc -

6903185 - Existing NetCDF files

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

6903193 - Existing NetCDF files

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

6903226 - Existing NetCDF files

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

7900349 - Existing NetCDF files

File : 7900349\_Rtraj.nc - 7900349\_meta.nc - 7900349\_tech.nc

## 5.4. 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 : 415**

2901498 - Existing NetCDF files

File : 2901498\_Rtraj.nc - 2901498\_meta.nc - 2901498\_tech.nc -

2901505 - Existing NetCDF files

File : 2901505\_Rtraj.nc - 2901505\_meta.nc - 2901505\_tech.nc -

2902670 - Existing NetCDF files

File : 2902670\_Rtraj.nc - 2902670\_meta.nc - 2902670\_prof.nc -

2902671 - Existing NetCDF files

File : 2902671\_Rtraj.nc - 2902671\_meta.nc - 2902671\_prof.nc -

2902672 - Existing NetCDF files

File : 2902672\_meta.nc - 2902672\_prof.nc -

2902673 - Existing NetCDF files

File : 2902673\_Rtraj.nc - 2902673\_meta.nc - 2902673\_prof.nc -

2902674 - Existing NetCDF files

File : 2902674\_Rtraj.nc - 2902674\_meta.nc - 2902674\_prof.nc -

2902677 - Existing NetCDF files

File : 2902677\_Rtraj.nc - 2902677\_meta.nc - 2902677\_prof.nc -

2902679 - Existing NetCDF files

File : 2902679\_Rtraj.nc - 2902679\_meta.nc - 2902679\_prof.nc

## 5.5. 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 : 884

1901743 - Existing NetCDF files

File : 1901743\_meta.nc - 1901743\_prof.nc - 1901743\_tech.nc -

1901744 - Existing NetCDF files

File : 1901744\_meta.nc - 1901744\_prof.nc - 1901744\_tech.nc -

1901745 - Existing NetCDF files

File : 1901745\_meta.nc - 1901745\_prof.nc - 1901745\_tech.nc -

1901746 - Existing NetCDF files

File : 1901746\_meta.nc - 1901746\_prof.nc - 1901746\_tech.nc -

1901747 - Existing NetCDF files

File : 1901747\_meta.nc - 1901747\_prof.nc - 1901747\_tech.nc -

3901467 - Existing NetCDF files

File : 3901467\_meta.nc - 3901467\_prof.nc - 3901467\_tech.nc -

5904221 - Existing NetCDF files

File : 5904221\_meta.nc - 5904221\_prof.nc - 5904221\_tech.nc -

5904224 - Existing NetCDF files

File : 5904224\_meta.nc - 5904224\_prof.nc - 5904224\_tech.nc -

5904226 - Existing NetCDF files

File : 5904226\_meta.nc - 5904226\_prof.nc - 5904226\_tech.nc -

5904916 - Existing NetCDF files

File : 5904916\_meta.nc - 5904916\_prof.nc - 5904916\_tech.nc -

5904917 - Existing NetCDF files

File : 5904917\_meta.nc - 5904917\_prof.nc - 5904917\_tech.nc -

5904922 - Existing NetCDF files

File : 5904922\_meta.nc - 5904922\_prof.nc - 5904922\_tech.nc -

5905205 - Existing NetCDF files

File : 5905205\_meta.nc - 5905205\_prof.nc - 5905205\_tech.nc -

5905389 - Existing NetCDF files

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

5905390 - Existing NetCDF files

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

5905393 - Existing NetCDF files

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

5905394 - Existing NetCDF files

File : 5905394\_meta.nc - 5905394\_prof.nc - 5905394\_tech.nc -

5905410 - Existing NetCDF files

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

5905411 - Existing NetCDF files

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

5905412 - Existing NetCDF files

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

5905413 - Existing NetCDF files

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

5905419 - Existing NetCDF files

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

5905420 - Existing NetCDF files

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

5905421 - Existing NetCDF files

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

5905430 - Existing NetCDF files

File : 5905430\_meta.nc - 5905430\_prof.nc - 5905430\_tech.nc -

5905431 - Existing NetCDF files

File : 5905431\_meta.nc - 5905431\_prof.nc - 5905431\_tech.nc -

5905432 - Existing NetCDF files

File : 5905432\_meta.nc - 5905432\_prof.nc - 5905432\_tech.nc -

7900638 - Existing NetCDF files

File : 7900638\_meta.nc - 7900638\_prof.nc - 7900638\_tech.nc -

7900639 - Existing NetCDF files

File : 7900639\_meta.nc - 7900639\_prof.nc - 7900639\_tech.nc -

7900640 - Existing NetCDF files

File : 7900640\_meta.nc - 7900640\_prof.nc - 7900640\_tech.nc -

7900641 - Existing NetCDF files

File : 7900641\_meta.nc - 7900641\_prof.nc - 7900641\_tech.nc -

7900642 - Existing NetCDF files

File : 7900642\_meta.nc - 7900642\_prof.nc - 7900642\_tech.nc -

7900643 - Existing NetCDF files

File : 7900643\_meta.nc - 7900643\_prof.nc - 7900643\_tech.nc -

7900646 - Existing NetCDF files

File : 7900646\_meta.nc - 7900646\_prof.nc - 7900646\_tech.nc -

7900647 - Existing NetCDF files

File : 7900647\_meta.nc - 7900647\_prof.nc - 7900647\_tech.nc

## 5.6. 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 : 482**

2900268 - Existing NetCDF files

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

2900275 - Existing NetCDF files

File : 2900275\_Rtraj.nc - 2900275\_meta.nc - 2900275\_prof.nc -

2900767 - Existing NetCDF files

File : 2900767\_meta.nc - 2900767\_prof.nc - 2900767\_tech.nc -

2902126 - Existing NetCDF files

File : 2902126\_Rtraj.nc - 2902126\_meta.nc - 2902126\_tech.nc -

2902229 - Existing NetCDF files

File : 2902229\_meta.nc - 2902229\_prof.nc - 2902229\_tech.nc -

2902230 - Existing NetCDF files

File : 2902230\_meta.nc - 2902230\_prof.nc - 2902230\_tech.nc -

2902231 - Existing NetCDF files

File : 2902231\_meta.nc - 2902231\_prof.nc - 2902231\_tech.nc -

2902232 - Existing NetCDF files

File : 2902232\_meta.nc - 2902232\_prof.nc - 2902232\_tech.nc -

2902233 - Existing NetCDF files

File : 2902233\_meta.nc - 2902233\_prof.nc - 2902233\_tech.nc -

2902234 - Existing NetCDF files

File : 2902234\_meta.nc - 2902234\_prof.nc - 2902234\_tech.nc -

2902235 - Existing NetCDF files

File : 2902235\_meta.nc - 2902235\_prof.nc - 2902235\_tech.nc -

2902236 - Existing NetCDF files

File : 2902236\_meta.nc - 2902236\_prof.nc - 2902236\_tech.nc -

2902246 - Existing NetCDF files

File : 2902246\_meta.nc - 2902246\_prof.nc - 2902246\_tech.nc -

2902248 - Existing NetCDF files

File : 2902248\_meta.nc - 2902248\_prof.nc - 2902248\_tech.nc -

2902249 - Existing NetCDF files

File : 2902249\_meta.nc - 2902249\_prof.nc - 2902249\_tech.nc -

2902250 - Existing NetCDF files

File : 2902250\_meta.nc - 2902250\_prof.nc - 2902250\_tech.nc -

2902251 - Existing NetCDF files

File : 2902251\_meta.nc - 2902251\_prof.nc - 2902251\_tech.nc -

2902252 - Existing NetCDF files

File : 2902252\_meta.nc - 2902252\_prof.nc - 2902252\_tech.nc -

2902253 - Existing NetCDF files

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

2902254 - Existing NetCDF files

File : 2902254\_meta.nc - 2902254\_prof.nc - 2902254\_tech.nc -

2902255 - Existing NetCDF files

File : 2902255\_meta.nc - 2902255\_prof.nc - 2902255\_tech.nc -

2902256 - Existing NetCDF files

File : 2902256\_meta.nc - 2902256\_prof.nc - 2902256\_tech.nc -

2902257 - Existing NetCDF files

File : 2902257\_meta.nc - 2902257\_prof.nc - 2902257\_tech.nc -

2902258 - Existing NetCDF files

File : 2902258\_meta.nc - 2902258\_prof.nc - 2902258\_tech.nc -

2902259 - Existing NetCDF files

File : 2902259\_meta.nc - 2902259\_prof.nc - 2902259\_tech.nc -

2902260 - Existing NetCDF files

File : 2902260\_meta.nc - 2902260\_prof.nc - 2902260\_tech.nc -

2902261 - Existing NetCDF files

File : 2902261\_meta.nc - 2902261\_prof.nc - 2902261\_tech.nc -

2902262 - Existing NetCDF files

File : 2902262\_meta.nc - 2902262\_prof.nc - 2902262\_tech.nc -

2902265 - Existing NetCDF files

File : 2902265\_meta.nc - 2902265\_prof.nc - 2902265\_tech.nc -

2902266 - Existing NetCDF files

File : 2902266\_meta.nc - 2902266\_prof.nc - 2902266\_tech.nc -

2902267 - Existing NetCDF files

File : 2902267\_meta.nc - 2902267\_prof.nc - 2902267\_tech.nc -

2902268 - Existing NetCDF files

File : 2902268\_meta.nc - 2902268\_prof.nc - 2902268\_tech.nc -

2902269 - Existing NetCDF files

File : 2902269\_meta.nc - 2902269\_prof.nc - 2902269\_tech.nc -

2902278 - Existing NetCDF files

File : 2902278\_meta.nc - 2902278\_prof.nc - 2902278\_tech.nc -

2902279 - Existing NetCDF files

File : 2902279\_meta.nc - 2902279\_prof.nc - 2902279\_tech.nc -

2902280 - Existing NetCDF files

File : 2902280\_meta.nc - 2902280\_prof.nc - 2902280\_tech.nc -

2902281 - Existing NetCDF files

File : 2902281\_meta.nc - 2902281\_prof.nc - 2902281\_tech.nc -

2902282 - Existing NetCDF files

File : 2902282\_meta.nc - 2902282\_prof.nc - 2902282\_tech.nc -

2902283 - Existing NetCDF files

File : 2902283\_meta.nc - 2902283\_prof.nc - 2902283\_tech.nc -

2902284 - Existing NetCDF files

File : 2902284\_meta.nc - 2902284\_prof.nc - 2902284\_tech.nc -

2902285 - Existing NetCDF files

File : 2902285\_meta.nc - 2902285\_prof.nc - 2902285\_tech.nc -

2902286 - Existing NetCDF files

File : 2902286\_meta.nc - 2902286\_prof.nc - 2902286\_tech.nc -

2902287 - Existing NetCDF files  
File : 2902287\_meta.nc - 2902287\_prof.nc - 2902287\_tech.nc -

2902288 - Existing NetCDF files  
File : 2902288\_meta.nc - 2902288\_prof.nc - 2902288\_tech.nc -

2902289 - Existing NetCDF files  
File : 2902289\_meta.nc - 2902289\_prof.nc - 2902289\_tech.nc -

2902290 - Existing NetCDF files

File : 2902290\_meta.nc - 2902290\_prof.nc - 2902290\_tech.nc -

2902292 - Existing NetCDF files  
File : 2902292\_meta.nc - 2902292\_prof.nc - 2902292\_tech.nc -

2902293 - Existing NetCDF files  
File : 2902293\_meta.nc - 2902293\_prof.nc - 2902293\_tech.nc -

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

## 5.7. JMA

### Feedback sent by Wataru.(some months ago)

#### Checking of the status of each float.

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

|         |         |         |
|---------|---------|---------|
| 2902508 | 7900600 | 7900655 |
| 2902509 | 7900601 | 7900657 |
| 2902510 | 7900652 | 7900658 |
| 5904937 | 7900653 | 7900660 |
| 7900599 | 7900654 |         |

#### -Others : 8 floats

#### need further investigation

#### For some floats :

- tech.nc - and/or traj.nc - are missing (only meta.nc - and prof.nc - files)
- traj.nc - is missing

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

#### DAC name : jma – Number of floats : 1728

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

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

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

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

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

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

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

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

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

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

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

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

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

2903005 - Existing NetCDF files  
File : 2903005\_meta.nc - 2903005\_prof.nc -

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

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

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

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

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

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

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

2903013 - Existing NetCDF files

File : 2903013\_Mprof.nc - 2903013\_meta.nc - 2903013\_prof.nc -  
2903014 - Existing NetCDF files  
File : 2903014\_Mprof.nc - 2903014\_meta.nc - 2903014\_prof.nc -  
2903165 - Existing NetCDF files  
File : 2903165\_Mprof.nc - 2903165\_meta.nc - 2903165\_prof.nc -  
2903166 - Existing NetCDF files  
File : 2903166\_Mprof.nc - 2903166\_meta.nc - 2903166\_prof.nc -  
2903167 - Existing NetCDF files  
File : 2903167\_Mprof.nc - 2903167\_meta.nc - 2903167\_prof.nc -  
2903168 - Existing NetCDF files  
File : 2903168\_Mprof.nc - 2903168\_meta.nc - 2903168\_prof.nc -  
2903169 - Existing NetCDF files  
File : 2903169\_Mprof.nc - 2903169\_meta.nc - 2903169\_prof.nc -  
2903170 - Existing NetCDF files  
File : 2903170\_Mprof.nc - 2903170\_meta.nc - 2903170\_prof.nc -  
2903171 - Existing NetCDF files  
File : 2903171\_Mprof.nc - 2903171\_meta.nc - 2903171\_prof.nc -  
2903172 - Existing NetCDF files  
File : 2903172\_Mprof.nc - 2903172\_meta.nc - 2903172\_prof.nc -  
2903173 - Existing NetCDF files  
File : 2903173\_Mprof.nc - 2903173\_meta.nc - 2903173\_prof.nc -  
2903174 - Existing NetCDF files  
File : 2903174\_Mprof.nc - 2903174\_meta.nc - 2903174\_prof.nc -  
2903175 - Existing NetCDF files  
File : 2903175\_Mprof.nc - 2903175\_meta.nc - 2903175\_prof.nc -  
2903176 - Existing NetCDF files  
File : 2903176\_Mprof.nc - 2903176\_meta.nc - 2903176\_prof.nc -  
2903209 - Existing NetCDF files  
File : 2903209\_Mprof.nc - 2903209\_meta.nc - 2903209\_prof.nc -  
2903210 - Existing NetCDF files  
File : 2903210\_Mprof.nc - 2903210\_meta.nc - 2903210\_prof.nc -  
2903211 - Existing NetCDF files  
File : 2903211\_meta.nc - 2903211\_prof.nc -  
2903213 - Existing NetCDF files  
File : 2903213\_Mprof.nc - 2903213\_meta.nc - 2903213\_prof.nc -  
2903327 - Existing NetCDF files  
File : 2903327\_meta.nc - 2903327\_prof.nc -  
2903329 - Existing NetCDF files  
File : 2903329\_Mprof.nc - 2903329\_meta.nc - 2903329\_prof.nc -  
2903330 - Existing NetCDF files  
File : 2903330\_Mprof.nc - 2903330\_meta.nc - 2903330\_prof.nc -  
2903346 - Existing NetCDF files  
File : 2903346\_meta.nc - 2903346\_prof.nc -

2903347 - Existing NetCDF files  
File : 2903347\_meta.nc - 2903347\_prof.nc -  
2903350 - Existing NetCDF files  
File : 2903350\_meta.nc - 2903350\_prof.nc -  
2903351 - Existing NetCDF files  
File : 2903351\_meta.nc - 2903351\_prof.nc -  
2903352 - Existing NetCDF files  
File : 2903352\_meta.nc - 2903352\_prof.nc -  
2903356 - Existing NetCDF files  
File : 2903356\_meta.nc - 2903356\_prof.nc -  
2903357 - Existing NetCDF files  
File : 2903357\_meta.nc - 2903357\_prof.nc -  
2903359 - Existing NetCDF files  
File : 2903359\_meta.nc - 2903359\_prof.nc -  
2903360 - Existing NetCDF files  
File : 2903360\_meta.nc - 2903360\_prof.nc -  
2903362 - Existing NetCDF files  
File : 2903362\_meta.nc - 2903362\_prof.nc -  
2903363 - Existing NetCDF files  
File : 2903363\_meta.nc - 2903363\_prof.nc -  
2903364 - Existing NetCDF files  
File : 2903364\_meta.nc - 2903364\_prof.nc -  
2903365 - Existing NetCDF files  
File : 2903365\_meta.nc - 2903365\_prof.nc -  
2903366 - Existing NetCDF files  
File : 2903366\_meta.nc - 2903366\_prof.nc -  
2903367 - Existing NetCDF files  
File : 2903367\_meta.nc - 2903367\_prof.nc -  
2903368 - Existing NetCDF files  
File : 2903368\_meta.nc - 2903368\_prof.nc -  
2903369 - Existing NetCDF files  
File : 2903369\_meta.nc - 2903369\_prof.nc -  
2903370 - Existing NetCDF files  
File : 2903370\_meta.nc - 2903370\_prof.nc -  
2903371 - Existing NetCDF files  
File : 2903371\_meta.nc - 2903371\_prof.nc -  
2903372 - Existing NetCDF files  
File : 2903372\_meta.nc - 2903372\_prof.nc -  
2903373 - Existing NetCDF files  
File : 2903373\_meta.nc - 2903373\_prof.nc -  
2903374 - Existing NetCDF files  
File : 2903374\_meta.nc - 2903374\_prof.nc -  
2903375 - Existing NetCDF files  
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2903376 - Existing NetCDF files  
File : 2903376\_meta.nc - 2903376\_prof.nc -

2903377 - Existing NetCDF files  
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2903378 - Existing NetCDF files  
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2903379 - Existing NetCDF files  
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2903380 - Existing NetCDF files  
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2903381 - Existing NetCDF files  
File : 2903381\_meta.nc - 2903381\_prof.nc -

2903382 - Existing NetCDF files  
File : 2903382\_meta.nc - 2903382\_prof.nc -

2903383 - Existing NetCDF files  
File : 2903383\_meta.nc - 2903383\_prof.nc -

2903384 - Existing NetCDF files  
File : 2903384\_meta.nc - 2903384\_prof.nc -

2903389 - Existing NetCDF files  
File : 2903389\_meta.nc - 2903389\_prof.nc -

2903394 - Existing NetCDF files  
File : 2903394\_Mprof.nc - 2903394\_meta.nc - 2903394\_prof.nc -

2903395 - Existing NetCDF files  
File : 2903395\_Mprof.nc - 2903395\_meta.nc - 2903395\_prof.nc -

2903400 - Existing NetCDF files  
File : 2903400\_meta.nc - 2903400\_prof.nc -

2903401 - Existing NetCDF files  
File : 2903401\_meta.nc - 2903401\_prof.nc -

2903402 - Existing NetCDF files  
File : 2903402\_meta.nc - 2903402\_prof.nc -

2903403 - Existing NetCDF files  
File : 2903403\_meta.nc - 2903403\_prof.nc -

2903404 - Existing NetCDF files  
File : 2903404\_meta.nc - 2903404\_prof.nc -

2903605 - Existing NetCDF files  
File : 2903605\_meta.nc - 2903605\_prof.nc -

2903606 - Existing NetCDF files  
File : 2903606\_meta.nc - 2903606\_prof.nc -

2903607 - Existing NetCDF files  
File : 2903607\_meta.nc - 2903607\_prof.nc -

2903608 - Existing NetCDF files  
File : 2903608\_meta.nc - 2903608\_prof.nc -

2903609 - Existing NetCDF files  
File : 2903609\_meta.nc - 2903609\_prof.nc -

2903610 - Existing NetCDF files  
File : 2903610\_meta.nc - 2903610\_prof.nc -

2903611 - Existing NetCDF files  
File : 2903611\_meta.nc - 2903611\_prof.nc -

2903612 - Existing NetCDF files  
File : 2903612\_meta.nc - 2903612\_prof.nc -

2903616 - Existing NetCDF files  
File : 2903616\_meta.nc - 2903616\_prof.nc -

2903617 - Existing NetCDF files  
File : 2903617\_meta.nc - 2903617\_prof.nc -

3902388 - Existing NetCDF files  
File : 3902388\_meta.nc - 3902388\_prof.nc -

3902389 - Existing NetCDF files  
File : 3902389\_meta.nc - 3902389\_prof.nc -

3902390 - Existing NetCDF files  
File : 3902390\_meta.nc - 3902390\_prof.nc -

3902392 - Existing NetCDF files  
File : 3902392\_meta.nc - 3902392\_prof.nc -

3902393 - Existing NetCDF files  
File : 3902393\_meta.nc - 3902393\_prof.nc -

3902394 - Existing NetCDF files  
File : 3902394\_meta.nc - 3902394\_prof.nc -

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

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

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

4902981 - Existing NetCDF files  
File : 4902981\_Rtraj.nc - 4902981\_meta.nc - 4902981\_prof.nc -

4902982 - Existing NetCDF files  
File : 4902982\_meta.nc - 4902982\_prof.nc -

4902983 - Existing NetCDF files  
File : 4902983\_meta.nc - 4902983\_prof.nc -

4902984 - Existing NetCDF files  
File : 4902984\_meta.nc - 4902984\_prof.nc -

4902985 - Existing NetCDF files  
File : 4902985\_meta.nc - 4902985\_prof.nc -

4902986 - Existing NetCDF files  
File : 4902986\_meta.nc - 4902986\_prof.nc -

4902987 - Existing NetCDF files  
File : 4902987\_meta.nc - 4902987\_prof.nc -

4902988 - Existing NetCDF files  
File : 4902988\_meta.nc - 4902988\_prof.nc -

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

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

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

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

5905063 - Existing NetCDF files  
File : 5905063\_meta.nc - 5905063\_prof.nc -

5905224 - Existing NetCDF files  
File : 5905224\_meta.nc - 5905224\_prof.nc -

5905225 - Existing NetCDF files  
File : 5905225\_meta.nc - 5905225\_prof.nc -

5905226 - Existing NetCDF files  
File : 5905226\_meta.nc - 5905226\_prof.nc -

5905229 - Existing NetCDF files  
File : 5905229\_Mprof.nc - 5905229\_meta.nc - 5905229\_prof.nc -

5905232 - Existing NetCDF files  
File : 5905232\_Mprof.nc - 5905232\_meta.nc - 5905232\_prof.nc -

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

5905834 - Existing NetCDF files  
File : 5905834\_meta.nc - 5905834\_prof.nc -

5905835 - Existing NetCDF files  
File : 5905835\_meta.nc - 5905835\_prof.nc -

5905836 - Existing NetCDF files  
File : 5905836\_meta.nc - 5905836\_prof.nc -

5905837 - Existing NetCDF files  
File : 5905837\_meta.nc - 5905837\_prof.nc -

5905838 - Existing NetCDF files  
File : 5905838\_meta.nc - 5905838\_prof.nc -

5905839 - Existing NetCDF files  
File : 5905839\_meta.nc - 5905839\_prof.nc -

5905840 - Existing NetCDF files  
File : 5905840\_meta.nc - 5905840\_prof.nc -

5905841 - Existing NetCDF files  
File : 5905841\_meta.nc - 5905841\_prof.nc -

5905842 - Existing NetCDF files  
File : 5905842\_meta.nc - 5905842\_prof.nc -

5905843 - Existing NetCDF files  
File : 5905843\_meta.nc - 5905843\_prof.nc -

5905844 - Existing NetCDF files  
File : 5905844\_meta.nc - 5905844\_prof.nc -

5905846 - Existing NetCDF files  
File : 5905846\_meta.nc - 5905846\_prof.nc -

5905848 - Existing NetCDF files  
File : 5905848\_meta.nc - 5905848\_prof.nc -

5905849 - Existing NetCDF files  
File : 5905849\_meta.nc - 5905849\_prof.nc -

5905851 - Existing NetCDF files  
File : 5905851\_meta.nc - 5905851\_prof.nc -

5905852 - Existing NetCDF files  
File : 5905852\_meta.nc - 5905852\_prof.nc -

5905853 - Existing NetCDF files  
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5905854 - Existing NetCDF files  
File : 5905854\_meta.nc - 5905854\_prof.nc -

5905855 - Existing NetCDF files  
File : 5905855\_meta.nc - 5905855\_prof.nc -

5905860 - Existing NetCDF files  
File : 5905860\_meta.nc - 5905860\_prof.nc -

5905861 - Existing NetCDF files  
File : 5905861\_meta.nc - 5905861\_prof.nc -

5905862 - Existing NetCDF files  
File : 5905862\_meta.nc - 5905862\_prof.nc -

5905863 - Existing NetCDF files  
File : 5905863\_meta.nc - 5905863\_prof.nc -

5905864 - Existing NetCDF files  
File : 5905864\_meta.nc - 5905864\_prof.nc -

5905865 - Existing NetCDF files  
File : 5905865\_meta.nc - 5905865\_prof.nc -

5905875 - Existing NetCDF files  
File : 5905875\_meta.nc - 5905875\_prof.nc -

5905876 - Existing NetCDF files  
File : 5905876\_meta.nc - 5905876\_prof.nc -

5905877 - Existing NetCDF files  
File : 5905877\_meta.nc - 5905877\_prof.nc -

5905878 - Existing NetCDF files  
File : 5905878\_meta.nc - 5905878\_prof.nc -

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

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

7900599 - Existing NetCDF files

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

7900600 - Existing NetCDF files

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

7900601 - Existing NetCDF files

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

7900652 - Existing NetCDF files

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

7900653 - Existing NetCDF files

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

7900654 - Existing NetCDF files

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

7900655 - Existing NetCDF files

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

7900657 - Existing NetCDF files

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

7900658 - Existing NetCDF files

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

7900660 - Existing NetCDF files

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

7900691 - Existing NetCDF files

File : 7900691\_meta.nc - 7900691\_prof.nc -

7900864 - Existing NetCDF files

File : 7900864\_meta.nc - 7900864\_prof.nc -

7900866 - Existing NetCDF files

File : 7900866\_meta.nc - 7900866\_prof.nc -

7900868 - Existing NetCDF files

File : 7900868\_meta.nc - 7900868\_prof.nc

## 5.8. 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 : 247**

2901213 - Existing nc files

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

2901731 - Existing nc files

File : 2901731\_meta.nc - 2901731\_prof.nc

## 5.9. KORDI/KIOST

**For some floats :**

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

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

**DAC name : kiost – Number of floats : 109**

2901779 - Existing nc files

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

2901780 - Existing nc files

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

## 5.10. MEDS

**For some floats :**

- traj file missing

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

**DAC name : meds – Number of floats : 550**



## 5.11. NMDIS

For some floats :

- 

See below the list of floats with existing nc files :

DAC name : nmdis – Number of floats : 19