



## GDAC Float Anomalies Monitoring

March 2022

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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'.

#### February 2020

More information in the first table with failure type, first cycle of smooth or hard failure.

#### March 2020

DM - Take care, some D files have a good correction on adjusted parameter (most of the time QC4 and Fill\_Value) but in real time, QC1 is always kept instead of QC3 or 4. See in Argo Quality Control Manual For CTD and Trajectory Data (Version 3.3) : §3.1. Editing raw qc flags in delayed-mode.

#### April 2020

The first table has been slightly reorganized to highlight the new floats for which drift has been detected. The others are left under the banner "Previous reports" and indicate those still detected by the anomalies (not yet in grey list). At the end, a new category indicates the floats for which the DAC operators do not agree although these floats still appear in the anomalies.

#### October 2020

The first table has been reorganized to move, at the end, the floats that have been present in the table in the previous month and that have been put in grey list.

#### November 2020

The first table has been reorganized to remove from the previous months part, all the profiles which have not been detected in alert for the last 5 months (greylisted by DAC ? dead floats ? no more drift ?).

#### March 2021

Release csv versions of the drift table each month in addition to the one in the pdf report.

#### December 2021

Upgrade program to count anomalies without taking into account corrections on DOXY parameter. First table indicates anomalies for the last 2 months.

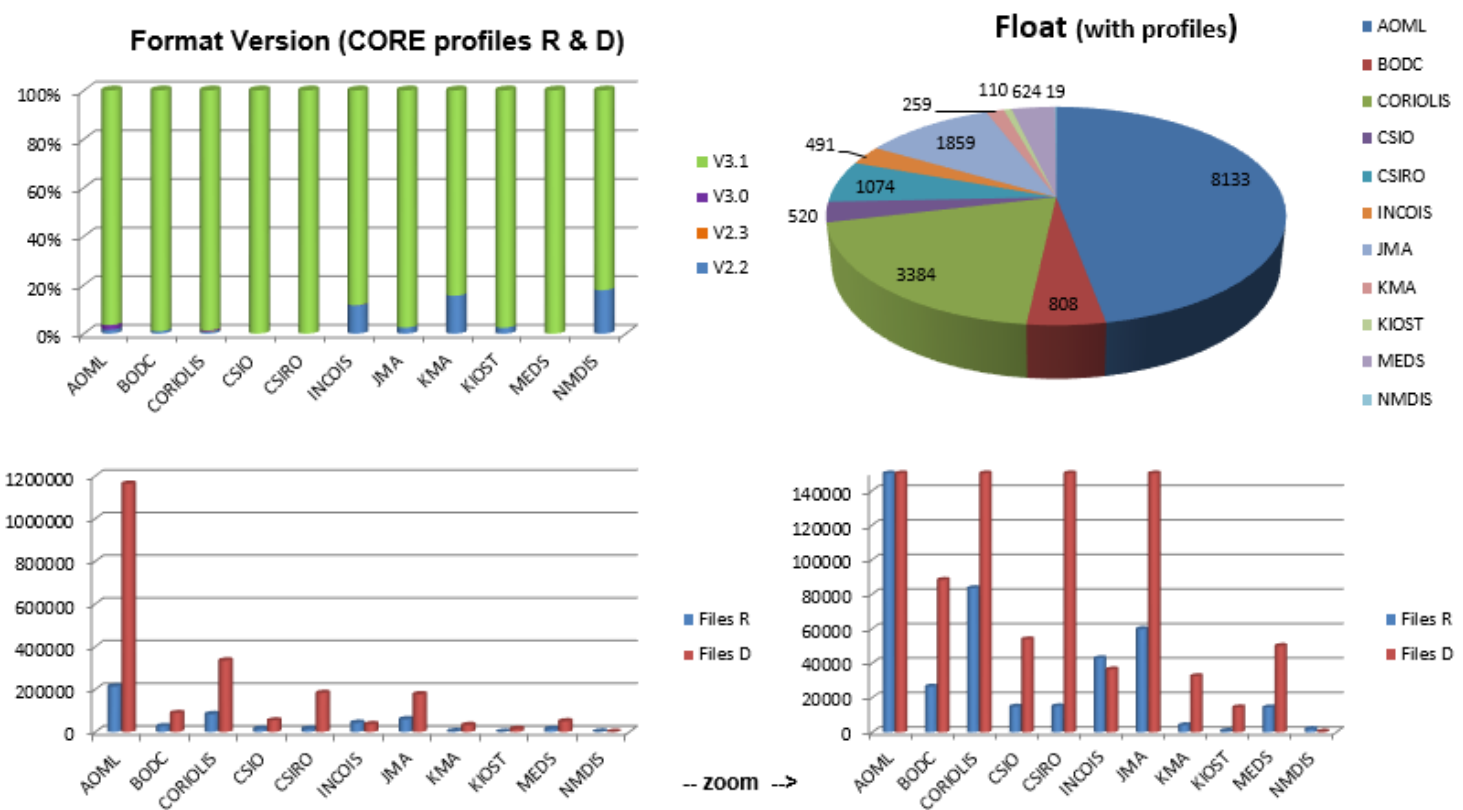
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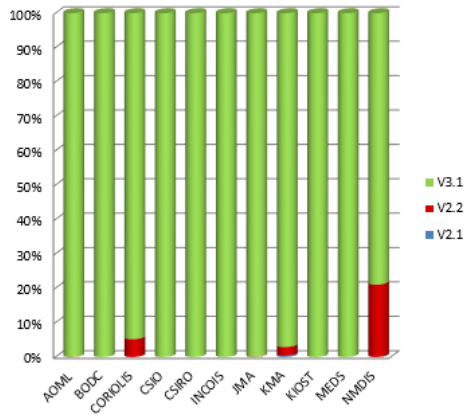
2. Statistics on floats and format version (End of March 2022)

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

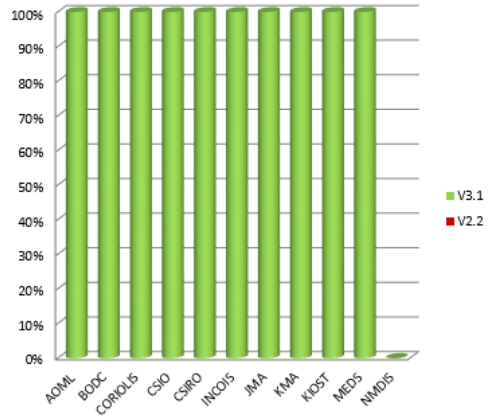


Plots showing format\_version percentage, for metadata-technical-trajectory and core profiles following dead or active floats.

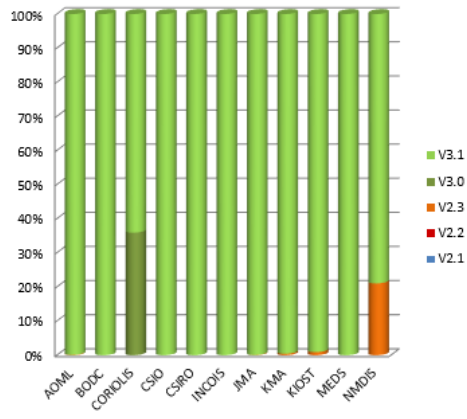
**Metadata Files - Dead floats**



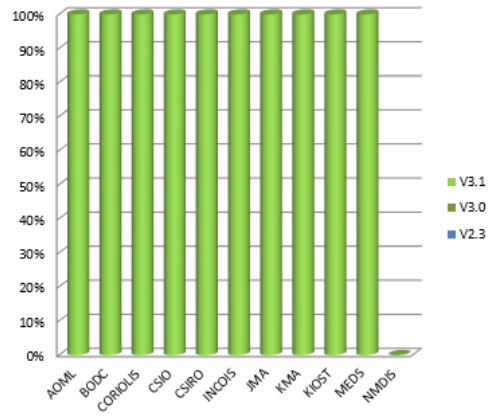
**Metadata Files - Active floats**



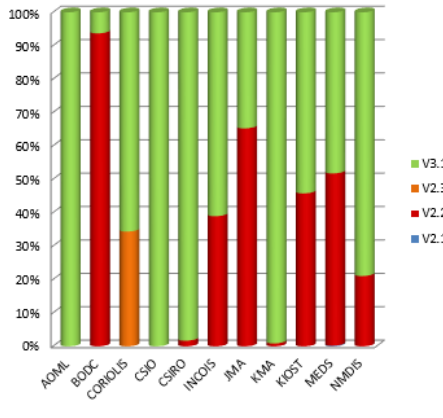
**Technical Files - Dead floats**



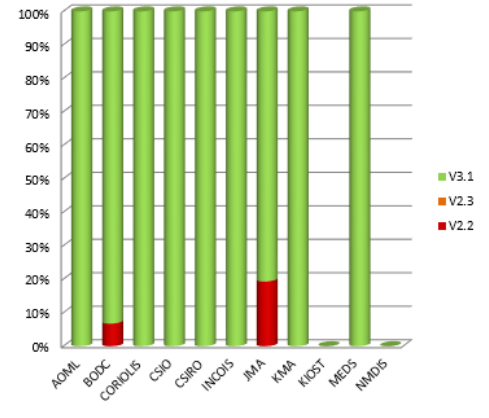
**Technical Files - Active floats**



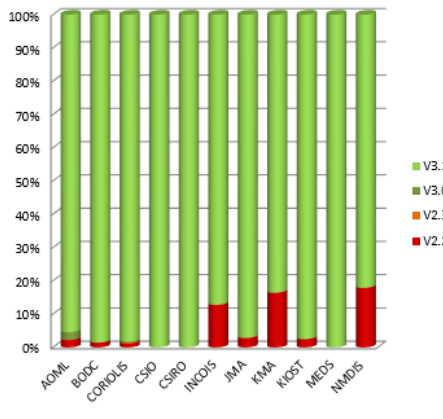
**Trajectory Files - Dead floats**



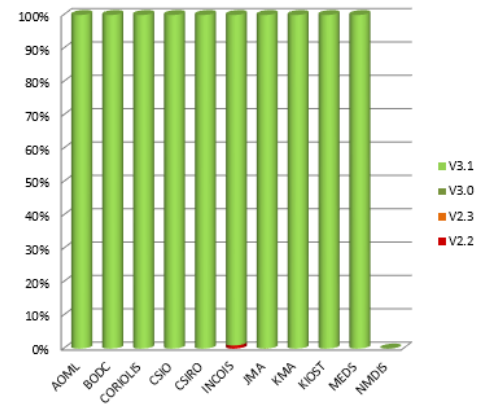
**Trajectory Files - Active floats**



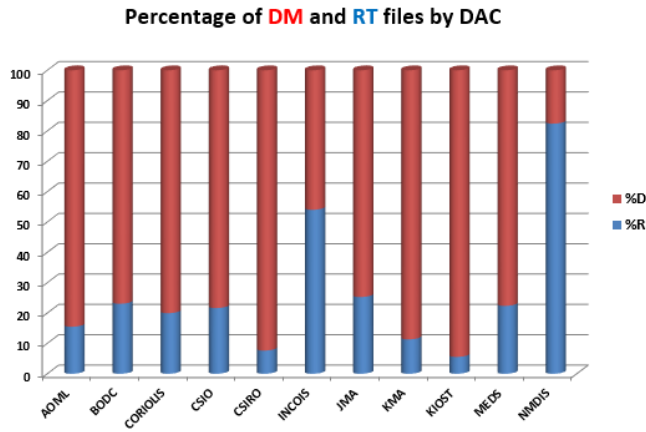
**Profile files - Dead floats**



**Profile Files - Active floats**



Delayed mode percentage by DAC



DACS	%R	%D
AOML	15,51	84,49
BODC	23,10	76,90
CORIOLIS	19,96	80,04
CSIO	21,66	78,34
CSIRO	7,66	92,34
INCOIS	54,05	45,95
JMA	25,30	74,70
KMA	11,35	88,65
KIOST	5,56	94,44
MEDS	22,38	77,62
NMDIS	82,44	17,56

3. Statistics on Anomalies

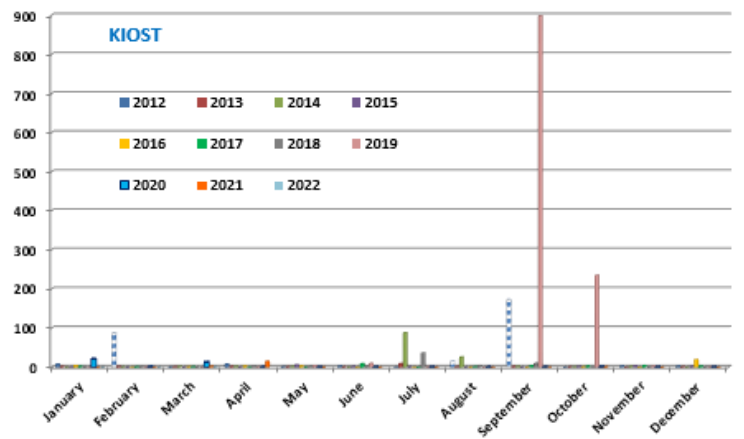
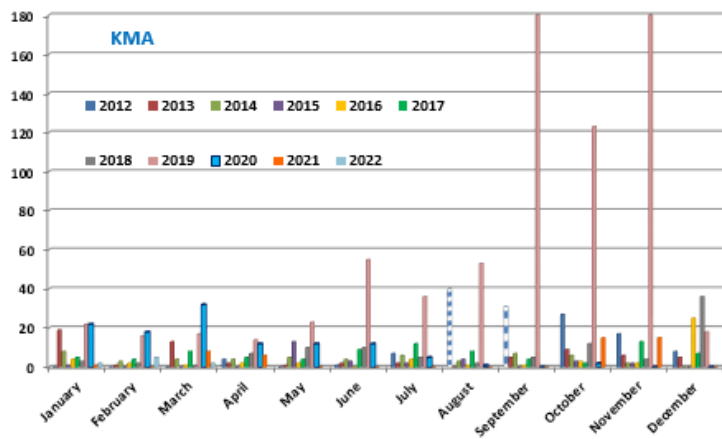
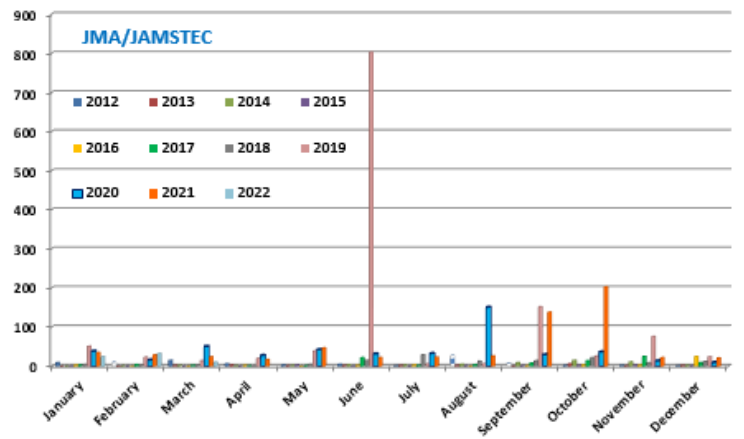
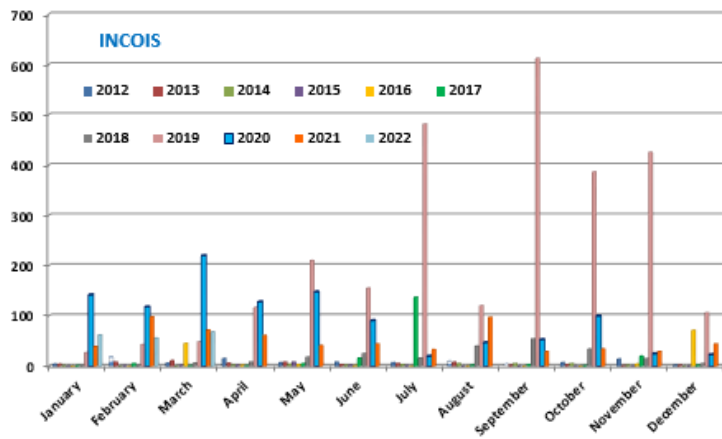
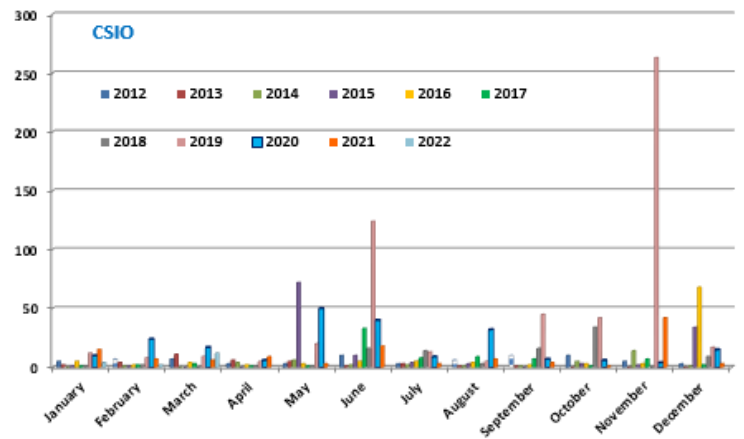
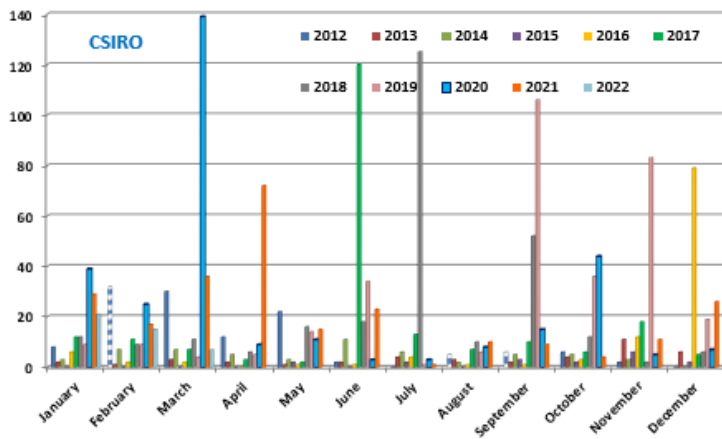
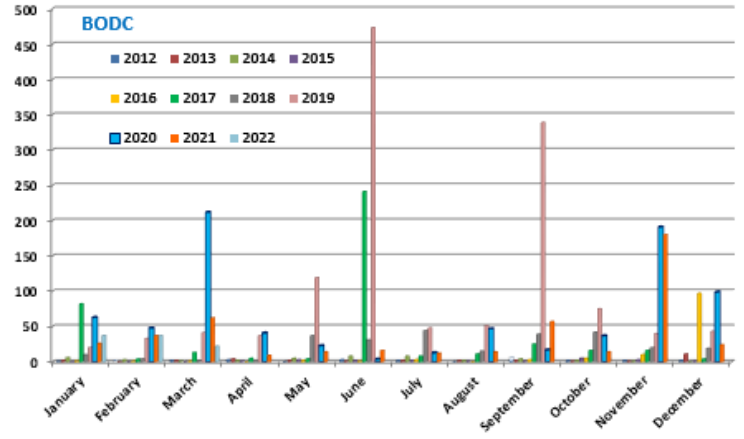
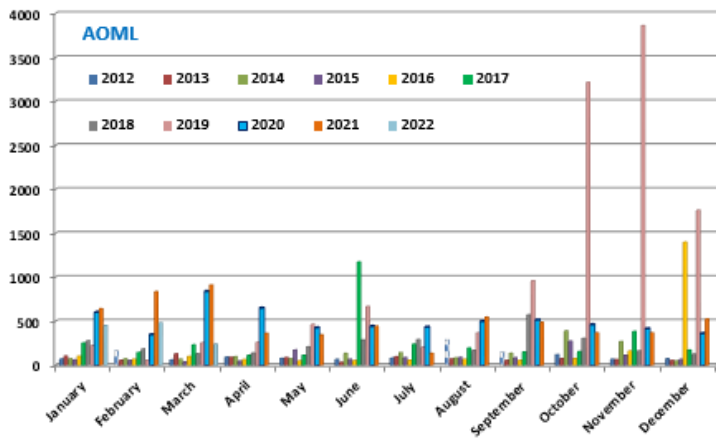
Plots showing evolution of number of anomalies by DAC.

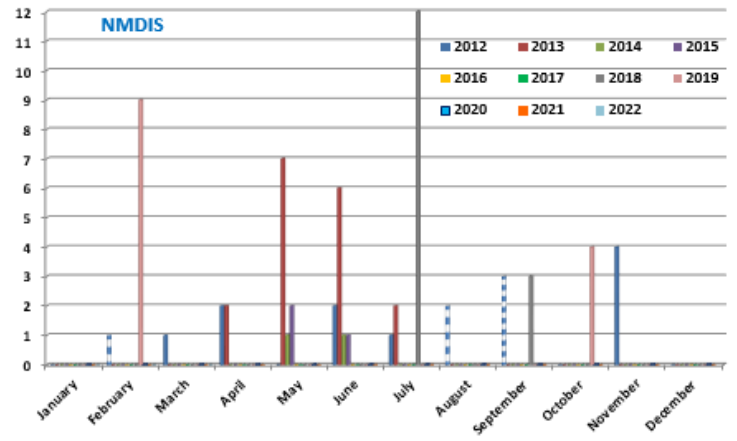
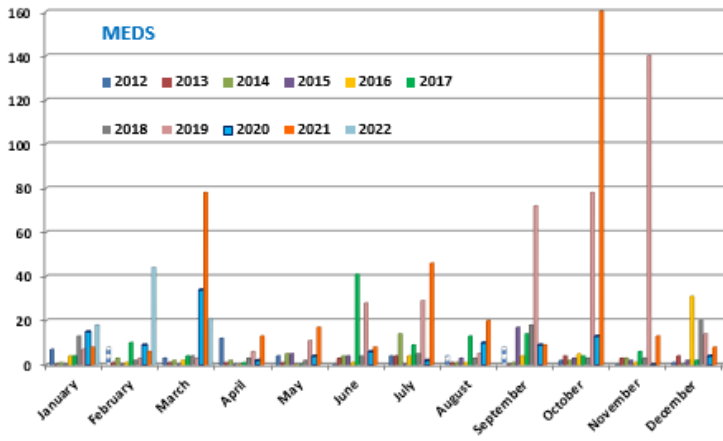
3.1. Year



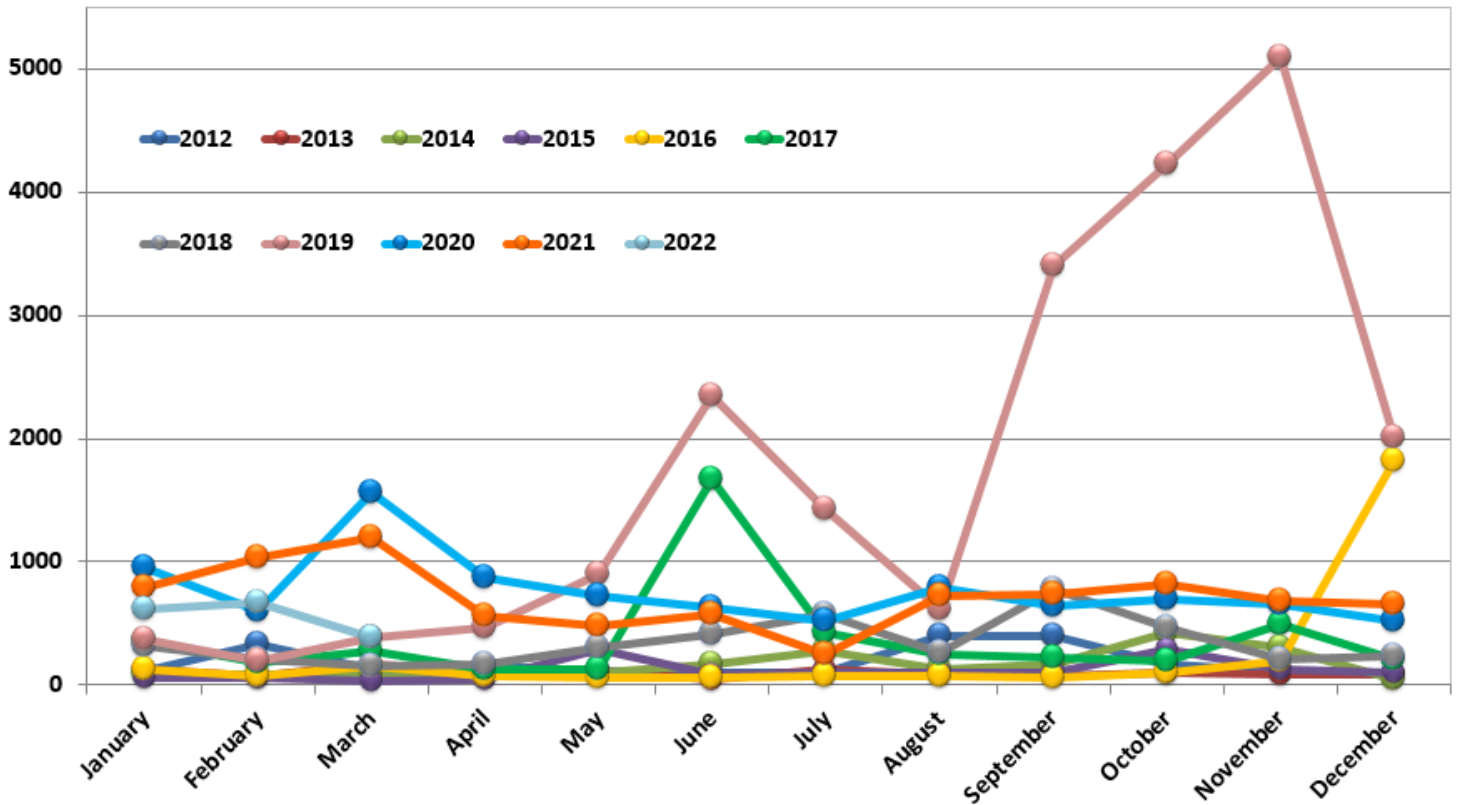
3.2. DAC







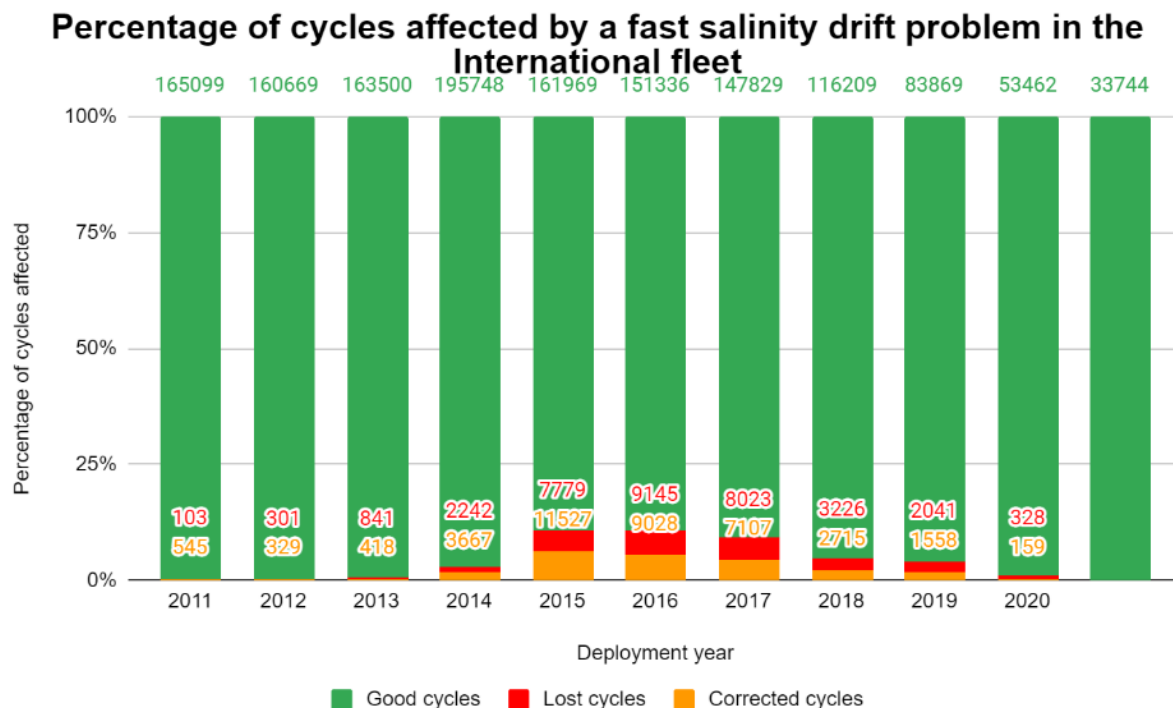
### 3.3. Anomalies by year, by month



#### 4. Fast Salinity Drift from the spreadsheet "Salinity drift assessment and statistics" (04/04/2022)

Please have a look on the plot showing :

- The number of corrected cycles (orange) among the cycles performed by the deployed floats in a given year
- The number of lost cycles (red) among the cycles performed by the deployed floats in a given year
- The other cycles performed by the floats deployed in a given year in green (total green+orange+red indicated on top).



If you are a DM operator on floats which have fast salinity drift, please fill the spreadsheet :

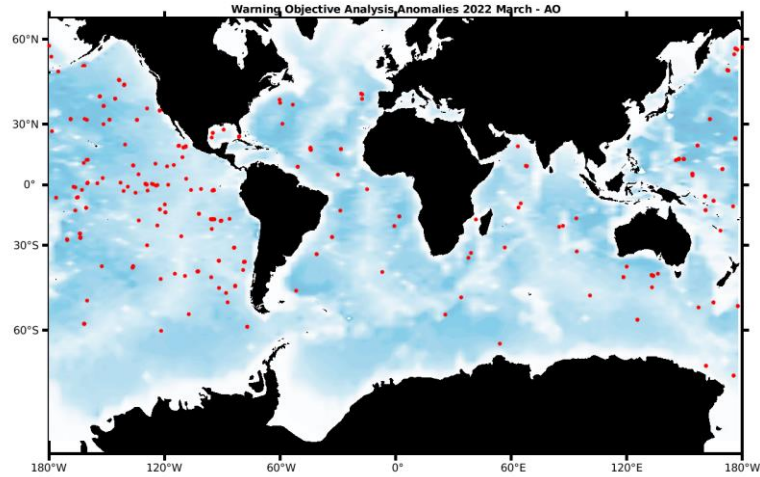
<https://docs.google.com/spreadsheets/d/1TA7SAnTiUvCK7AyGtSTUq3gu9QFbVdONj9M9zAq8CJU/edit#gid=1096144849>

## 5. DAC Anomalies

### 5.1. DAC AOML

Profiles detected by the objective analysis: 238 profiles (155 floats but floats can have several cycles with anomalies)

Data_mode = 'R'	Data_mode = 'A'	Data_mode = 'D'
42 cycles	187 cycles	9 cycles



**Status of corrections: Done.**

**DM - 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)**

**DM - Take care, some D files have a good correction on adjusted parameter (most of the time QC4 and Fill\_Value) but in real time, QC1 is always kept instead of QC3 or 4.**

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

Float : 1901816 - Cycle : 218 - PI : BRECK OWENS, STEVEN JAYNE, P.E. ROBBINS - Data mode : R - Platform type : S2A - WMO inst type : 854 - FLOAT SERIAL : 7352 - Date : 2022 3 11  
Float : 1902030 - Cycle : 198 - PI : DEAN ROEMMICH - Data mode : A - Platform type : SOLO\_II - WMO inst type : 853 - FLOAT SERIAL : 8498 - Date : 2022 2 26  
Float : 1902033 - Cycle : 195 - PI : DEAN ROEMMICH - Data mode : A - Platform type : SOLO\_II - WMO inst type : 853 - FLOAT SERIAL : 8501 - Date : 2022 2 27  
Float : 1902036 - Cycle : 117 - PI : DEAN ROEMMICH - Data mode : R - Platform type : SOLO\_II - WMO inst type : 853 - FLOAT SERIAL : 8723 - Date : 2022 3 6  
Float : 1902046 - Cycle : 117 - PI : DEAN ROEMMICH - Data mode : R - Platform type : SOLO\_II - WMO inst type : 853 - FLOAT SERIAL : 8733 - Date : 2022 3 11  
Float : 1902051 - Cycle : 60 - PI : DEAN ROEMMICH, SARAH PURKEY, NATHALIE ZILBERMAN, JOHN GILSON - Data mode : R - Platform type : SOLO\_II - WMO inst type : 853 - FLOAT SERIAL : 8863 - Date : 2022 2 28  
Float : 1902180 - Cycle : 160 - PI : BRECK OWENS, STEVEN JAYNE, P.E. ROBBINS - Data mode : R - Platform type : S2A - WMO inst type : 854 - FLOAT SERIAL : 7443 - Date : 2022 2 17  
Float : 1902270 - Cycle : 62 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : NAVIS\_A - WMO inst type : 863 - FLOAT SERIAL : 1108 - Date : 2022 3 24  
Float : 1902280 - Cycle : 55 - PI : WIJFFELS, JAYNE, ROBBINS - Data mode : R - Platform type : S2A - WMO inst type : 854 - FLOAT SERIAL : 7565 - Date : 2022 2 19  
Float : 1902294 - Cycle : 39 - PI : WIJFFELS, JAYNE, ROBBINS - Data mode : R - Platform type : S2A - WMO inst type : 854 - FLOAT SERIAL : 7638 - Date : 2021 12 17  
Float : 1902297 - Cycle : 40 - PI : WIJFFELS, JAYNE, ROBBINS - Data mode : R - Platform type : S2A - WMO inst type : 854 - FLOAT SERIAL : 7642 - Date : 2022 2 23  
Float : 1902303 - Cycle : 69 - PI : NICHOLSON, WIJFFELS - Data mode : A - Platform type : NAVIS\_EBR - WMO inst type : 869 - FLOAT SERIAL : 1201 - Date : 2022 3 17  
Float : 1902303 - Cycle : 70 - PI : NICHOLSON, WIJFFELS - Data mode : A - Platform type : NAVIS\_EBR - WMO inst type : 869 - FLOAT SERIAL : 1201 - Date : 2022 3 27  
Float : 1902445 - Cycle : 9 - PI : WHOI: WIJFFELS, JAYNE, ROBBINS - Data mode : R - Platform type : ALTO - WMO inst type : 876 - FLOAT SERIAL : 11059 - Date : 2022 3 21  
Float : 2902390 - Cycle : 239 - PI : BRECK OWENS, STEVEN JAYNE, P.E. ROBBINS - Data mode : A - Platform type : S2A - WMO inst type : 854 - FLOAT SERIAL : 7329 - Date : 2022 3 25  
Float : 2903424 - Cycle : 121 - PI : DEAN ROEMMICH - Data mode : A - Platform type : SOLO\_II - WMO inst type : 853 - FLOAT SERIAL : 8789 - Date : 2022 3 7  
Float : 3901105 - Cycle : 243 - PI : BRECK OWENS, STEVEN JAYNE, P.E. ROBBINS - Data mode : R - Platform type : S2A - WMO inst type : 854 - FLOAT SERIAL : 7282 - Date : 2022 2 22  
Float : 3901169 - Cycle : 292 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : NAVIS\_A - WMO inst type : 863 - FLOAT SERIAL : 0287 - Date : 2022 3 14  
Float : 3901169 - Cycle : 293 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : NAVIS\_A - WMO inst type : 863 - FLOAT SERIAL : 0287 - Date : 2022 3 24  
Float : 3901266 - Cycle : 435 - PI : CARL SZCZECZOWSKI - Data mode : A - Platform type : S2A - WMO inst type : 854 - FLOAT SERIAL : 10027 - Date : 2022 2 22  
Float : 3901266 - Cycle : 436 - PI : CARL SZCZECZOWSKI - Data mode : A - Platform type : S2A - WMO inst type : 854 - FLOAT SERIAL : 10027 - Date : 2022 2 27  
Float : 3901283 - Cycle : 186 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : NAVIS\_A - WMO inst type : 863 - FLOAT SERIAL : 0712 - Date : 2022 3 1  
Float : 3901283 - Cycle : 187 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : NAVIS\_A - WMO inst type : 863 - FLOAT SERIAL : 0712 - Date : 2022 3 11  
Float : 3901283 - Cycle : 188 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : NAVIS\_A - WMO inst type : 863 - FLOAT SERIAL : 0712 - Date : 2022 3 21  
Float : 3901288 - Cycle : 187 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : NAVIS\_A - WMO inst type : 863 - FLOAT SERIAL : 0718 - Date : 2022 3 10  
Float : 3901291 - Cycle : 189 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : NAVIS\_A - WMO inst type : 863 - FLOAT SERIAL : 0726 - Date : 2022 2 26  
Float : 3901293 - Cycle : 189 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : NAVIS\_A - WMO inst type : 863 - FLOAT SERIAL : 0733 - Date : 2022 3 1  
Float : 3901296 - Cycle : 89 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : NAVIS\_A - WMO inst type : 863 - FLOAT SERIAL : 0739 - Date : 2019 6 16  
Float : 3901296 - Cycle : 182 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : NAVIS\_A - WMO inst type : 863 - FLOAT SERIAL : 0739 - Date : 2022 1 1  
Float : 3901306 - Cycle : 98 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : NAVIS\_A - WMO inst type : 863 - FLOAT SERIAL : 0964 - Date : 2022 2 27  
Float : 3901307 - Cycle : 100 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : NAVIS\_A - WMO inst type : 863 - FLOAT SERIAL : 0976 - Date : 2022 3 6  
Float : 3901473 - Cycle : 164 - PI : DEAN ROEMMICH - Data mode : R - Platform type : SOLO\_II - WMO inst type : 853 - FLOAT SERIAL : 8584 - Date : 2022 3 28  
Float : 3901475 - Cycle : 163 - PI : DEAN ROEMMICH - Data mode : R - Platform type : SOLO\_II - WMO inst type : 853 - FLOAT SERIAL : 8586 - Date : 2022 3 18  
Float : 3901476 - Cycle : 160 - PI : DEAN ROEMMICH - Data mode : R - Platform type : SOLO\_II - WMO inst type : 853 - FLOAT SERIAL : 8587 - Date : 2022 2 16  
Float : 3901479 - Cycle : 162 - PI : DEAN ROEMMICH - Data mode : A - Platform type : SOLO\_II - WMO inst type : 853 - FLOAT SERIAL : 8590 - Date : 2022 3 11

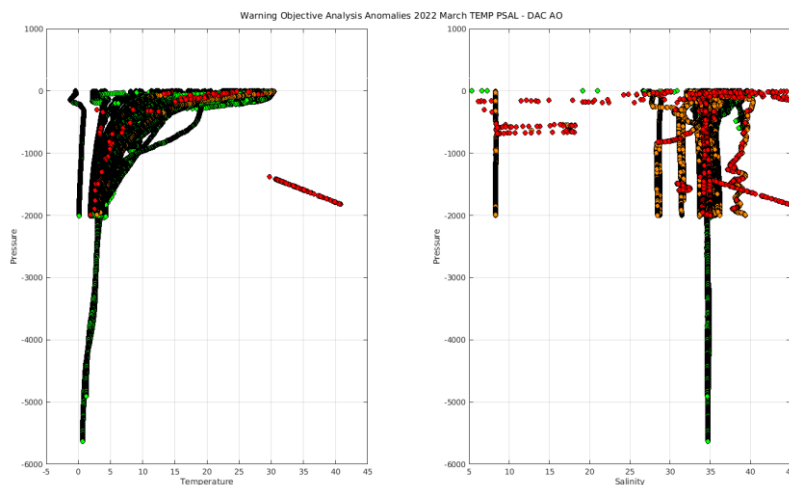




Float : 5905988 - Cycle : 179 - PI : ANDREA FASSBENDER - Data mode : A - Platform type : NAVIS\_A - WMO inst type : 863 - FLOAT SERIAL : 0949 - Date : 2022 3 15  
 Float : 5905988 - Cycle : 180 - PI : ANDREA FASSBENDER - Data mode : A - Platform type : NAVIS\_A - WMO inst type : 863 - FLOAT SERIAL : 0949 - Date : 2022 3 25  
 Float : 5906049 - Cycle : 89 - PI : STEPHEN RISER - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 8340 - Date : 2022 3 20  
 Float : 5906051 - Cycle : 80 - PI : STEPHEN RISER - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 8663 - Date : 2022 2 25  
 Float : 5906051 - Cycle : 81 - PI : STEPHEN RISER - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 8663 - Date : 2022 3 7  
 Float : 5906051 - Cycle : 82 - PI : STEPHEN RISER - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 8663 - Date : 2022 3 17  
 Float : 5906051 - Cycle : 83 - PI : STEPHEN RISER - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 8663 - Date : 2022 3 27  
 Float : 5906085 - Cycle : 46 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : NAVIS\_A - WMO inst type : 863 - FLOAT SERIAL : 0990 - Date : 2022 3 27  
 Float : 5906086 - Cycle : 42 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : NAVIS\_A - WMO inst type : 863 - FLOAT SERIAL : 0991 - Date : 2022 3 27  
 Float : 5906095 - Cycle : 103 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : NAVIS\_A - WMO inst type : 863 - FLOAT SERIAL : 1009 - Date : 2022 2 25  
 Float : 5906095 - Cycle : 104 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : NAVIS\_A - WMO inst type : 863 - FLOAT SERIAL : 1009 - Date : 2022 3 7  
 Float : 5906149 - Cycle : 69 - PI : DEAN ROEMMICH, SARAH PURKEY, NATHALIE ZILBERMAN, JOHN GILSON - Data mode : R - Platform type : SOLO\_II - WMO inst type : 853 - FLOAT SERIAL : 8895 - Date : 2022 3 13  
 Float : 5906157 - Cycle : 105 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : NAVIS\_A - WMO inst type : 863 - FLOAT SERIAL : 1021 - Date : 2022 3 2  
 Float : 5906157 - Cycle : 106 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : NAVIS\_A - WMO inst type : 863 - FLOAT SERIAL : 1021 - Date : 2022 3 12  
 Float : 5906159 - Cycle : 97 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : NAVIS\_A - WMO inst type : 863 - FLOAT SERIAL : 1045 - Date : 2022 2 28  
 Float : 5906159 - Cycle : 98 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : NAVIS\_A - WMO inst type : 863 - FLOAT SERIAL : 1045 - Date : 2022 3 10  
 Float : 5906170 - Cycle : 86 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : NAVIS\_A - WMO inst type : 863 - FLOAT SERIAL : 1031 - Date : 2022 3 6  
 Float : 5906170 - Cycle : 87 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : NAVIS\_A - WMO inst type : 863 - FLOAT SERIAL : 1031 - Date : 2022 3 16  
 Float : 5906174 - Cycle : 71 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : NAVIS\_A - WMO inst type : 863 - FLOAT SERIAL : 1149 - Date : 2022 3 1  
 Float : 5906174 - Cycle : 72 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : NAVIS\_A - WMO inst type : 863 - FLOAT SERIAL : 1149 - Date : 2022 3 11  
 Float : 5906211 - Cycle : 77 - PI : STEPHEN RISER/KEN JOHNSON - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 8727 - Date : 2022 3 11  
 Float : 5906264 - Cycle : 51 - PI : STEPHEN RISER - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 8719 - Date : 2022 2 9  
 Float : 5906264 - Cycle : 52 - PI : STEPHEN RISER - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 8719 - Date : 2022 2 19  
 Float : 5906264 - Cycle : 53 - PI : STEPHEN RISER - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 8719 - Date : 2022 3 1  
 Float : 5906264 - Cycle : 54 - PI : STEPHEN RISER - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 8719 - Date : 2022 3 11  
 Float : 5906264 - Cycle : 55 - PI : STEPHEN RISER - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 8719 - Date : 2022 3 21  
 Float : 5906397 - Cycle : 0 - PI : DEAN ROEMMICH - Data mode : A - Platform type : SOLO\_D - WMO inst type : 862 - FLOAT SERIAL : 6071 - Date : 2020 8 4  
 Float : 5906409 - Cycle : 48 - PI : PHIL SUTTON - Data mode : R - Platform type : SOLO\_II - WMO inst type : 853 - FLOAT SERIAL : 8910 - Date : 2022 3 29  
 Float : 5906413 - Cycle : 28 - PI : DEAN ROEMMICH, NATHALIE ZILBERMAN, SARAH PURKEY, JOHN GILSON - Data mode : A - Platform type : SOLO\_D - WMO inst type : 862 - FLOAT SERIAL : 6074 - Date : 2021 7 23  
 Float : 5906415 - Cycle : 52 - PI : DEAN ROEMMICH, NATHALIE ZILBERMAN, SARAH PURKEY, JOHN GILSON - Data mode : A - Platform type : SOLO\_D - WMO inst type : 862 - FLOAT SERIAL : 6077 - Date : 2022 3 16  
 Float : 5906503 - Cycle : 6 - PI : STEPHEN RISER/KEN JOHNSON - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 9378 - Date : 2022 2 28  
 Float : 5906698 - Cycle : 19 - PI : DEAN ROEMMICH, SARAH PURKEY, NATHALIE ZILBERMAN, JOHN GILSON - Data mode : R - Platform type : SOLO\_II - WMO inst type : 853 - FLOAT SERIAL : 8937 - Date : 2022 2 25  
 Float : 5906704 - Cycle : 16 - PI : SARAH PURKEY, DEAN ROEMMICH, NATHALIE ZILBERMAN, JOHN GILSON - Data mode : R - Platform type : SOLO\_II - WMO inst type : 853 - FLOAT SERIAL : 8943 - Date : 2022 2 24  
 Float : 7900113 - Cycle : 290 - PI : DEAN ROEMMICH - Data mode : R - Platform type : SOLO\_II - WMO inst type : 853 - FLOAT SERIAL : 8308 - Date : 2022 3 10  
 Float : 7900687 - Cycle : 118 - PI : DEAN ROEMMICH - Data mode : R - Platform type : SOLO\_II - WMO inst type : 853 - FLOAT SERIAL : 8753 - Date : 2022 2 20  
 Float : 7900802 - Cycle : 45 - PI : DEAN ROEMMICH, SARAH PURKEY, NATHALIE ZILBERMAN, JOHN GILSON - Data mode : R - Platform type : SOLO\_II - WMO inst type : 853 - FLOAT SERIAL : 8919 - Date : 2022 3 14

**Files data\_mode='D' [in red corrections concern only raw data, all of the adjusted data is qc=4]. These files are pretty old and the old standard was to leave the raw qc values as designated during real time processing and just modify the adjusted flags during DMQC]**

Float : 3901816 - Cycle : 244 - PI : BRECK OWENS, STEVEN JAYNE, P.E. ROBBINS - Data mode : D - Platform type : S2A - WMO inst type : 854 - FLOAT SERIAL : 7421 - Date : 2020 11 3  
 Float : 4903228 - Cycle : 54 - PI : WHOI: WIJFFELS, JAYNE, ROBBINS - Data mode : D - Platform type : ALTO - WMO inst type : 873 - FLOAT SERIAL : 11027 - Date : 2021 7 14  
 Float : 4903228 - Cycle : 55 - PI : WHOI: WIJFFELS, JAYNE, ROBBINS - Data mode : D - Platform type : ALTO - WMO inst type : 873 - FLOAT SERIAL : 11027 - Date : 2021 7 24  
 Float : 5902494 - Cycle : 170 - PI : DEAN ROEMMICH - Data mode : D - Platform type : SOLO\_II - WMO inst type : 853 - FLOAT SERIAL : 8486 - Date : 2021 6 7  
 Float : 5904391 - Cycle : 49 - PI : BRECK OWENS, STEVE JAYNE, P.E. ROBBINS - Data mode : D - Platform type : S2A - WMO inst type : 854 - FLOAT SERIAL : 7145 - Date : 2014 11 28  
 Float : 5904392 - Cycle : 59 - PI : BRECK OWENS, STEVE JAYNE, P.E. ROBBINS - Data mode : D - Platform type : S2A - WMO inst type : 854 - FLOAT SERIAL : 7147 - Date : 2015 3 7  
 Float : 5905141 - Cycle : 290 - PI : STEPHEN RISER - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7912 - Date : 2021 9 15  
 Float : 5905257 - Cycle : 66 - PI : DEAN ROEMMICH - Data mode : D - Platform type : SOLO\_II - WMO inst type : 853 - FLOAT SERIAL : 8618 - Date : 2019 8 18  
 Float : 5906077 - Cycle : 76 - PI : STEPHEN RISER - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 8807 - Date : 2022 1 6

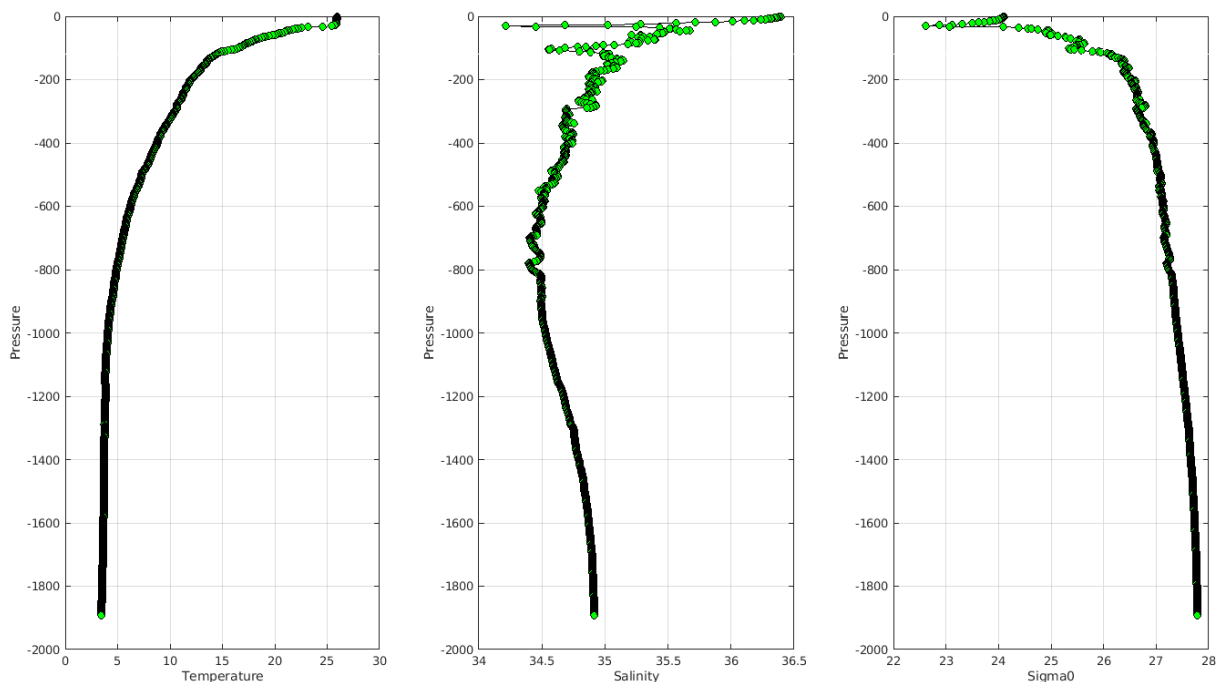


Plot for the 120 first profiles.

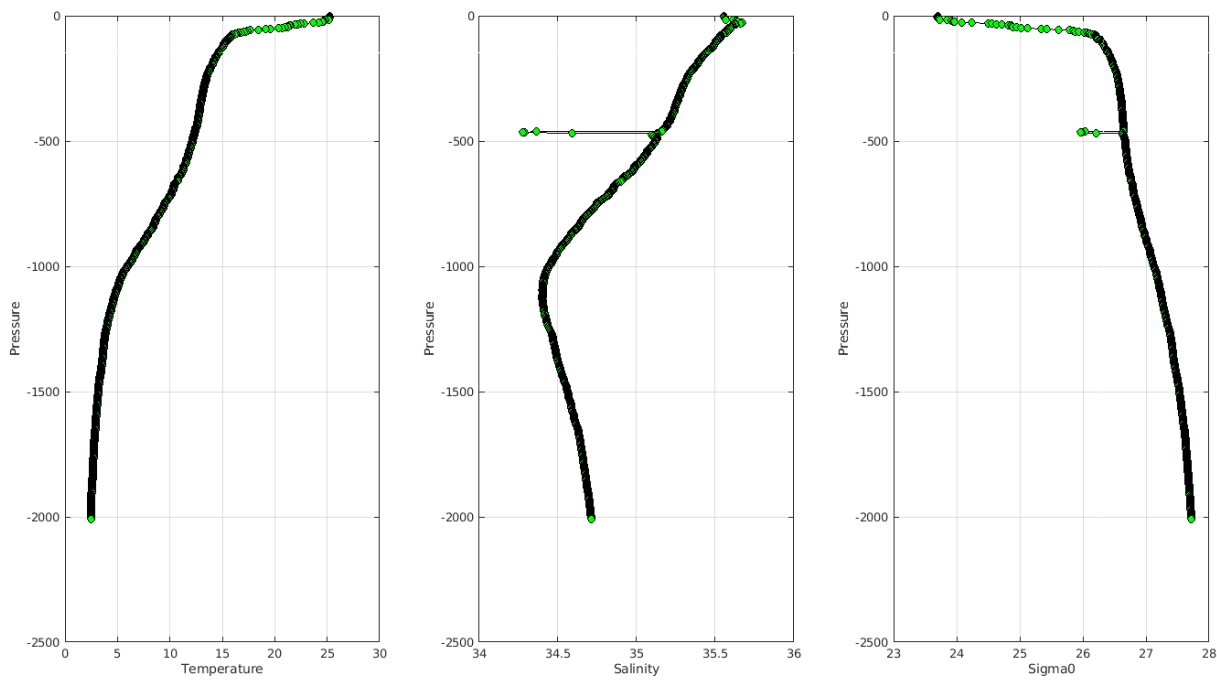
The list of the anomalies can be found at <https://data-argo.ifremer.fr/etc/ObjectiveAnalysisWarning/aoml/>

Example of anomalies:

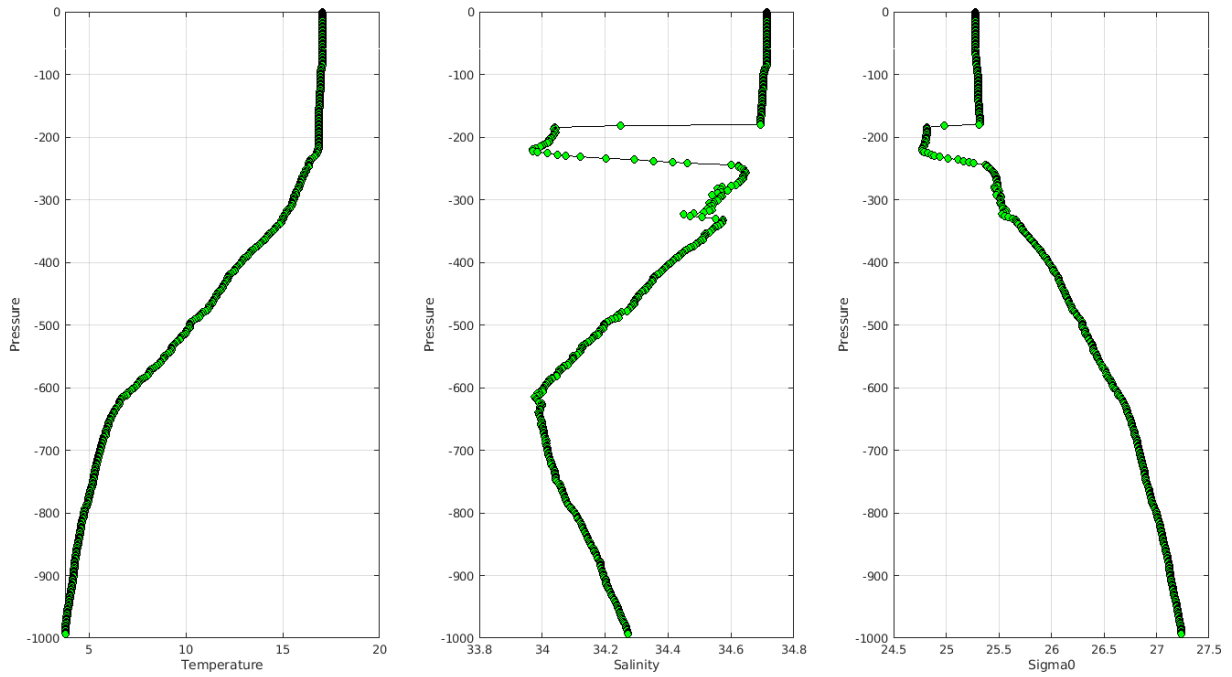
Warning Objective Analysis Anomalies 2022 March TEMP PSAL : DAC AO- Float 1901816 - 218



Warning Objective Analysis Anomalies 2022 March TEMP PSAL : DAC AO- Float 1902036 - 117







**Delayed Mode anomalies (adjusted fields) – date mode = ‘D’**

- Error on practical salinity adjusted error :

PI\_name = GREGORY C. JOHNSON - Float 4900812 cycle 9 strange values on PSAL\_ADJUSTED\_ERROR

PSAL\_ADJUSTED\_ERROR =  
957109.750, 958123.688, 980430.125, 1007920.750, 1010353.875, 1017708.312, 1023617.375, 1025777.875, 1028215.812, 1027735.562, 1027554.250, .....

PI\_name = GREGORY C. JOHNSON - Float 4903172 cycle 7 to cycle 46

For instance cycle 7 PSAL\_ADJUSTED\_ERROR = 1266694.875, 1266783.750, 1266694.625, 1266685.500, 1266678.875, .....

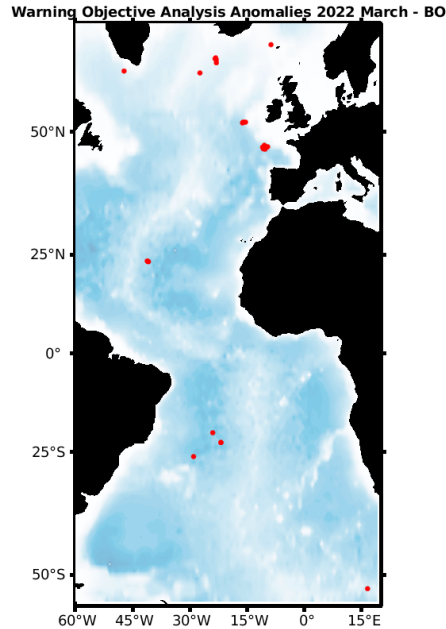
PI\_name = CARL SZCZECZOWSKI - Float 6900376 cycle 44 to cycle 92 – cycle 98 to 128 – cycle 131 to 135

For instance cycle 92 PSAL\_ADJUSTED\_ERROR = 2011706.750, 2010896.625, 2012649.000, 2023217.000,

## 5.2. DAC BODC

Profiles detected by the objective analysis: 22 profiles (12 floats but floats can have several cycles with anomalies)

Data_mode ='R'	Data_mode ='A'	Data_mode ='D'
12 cycles	9 cycles	1 cycle



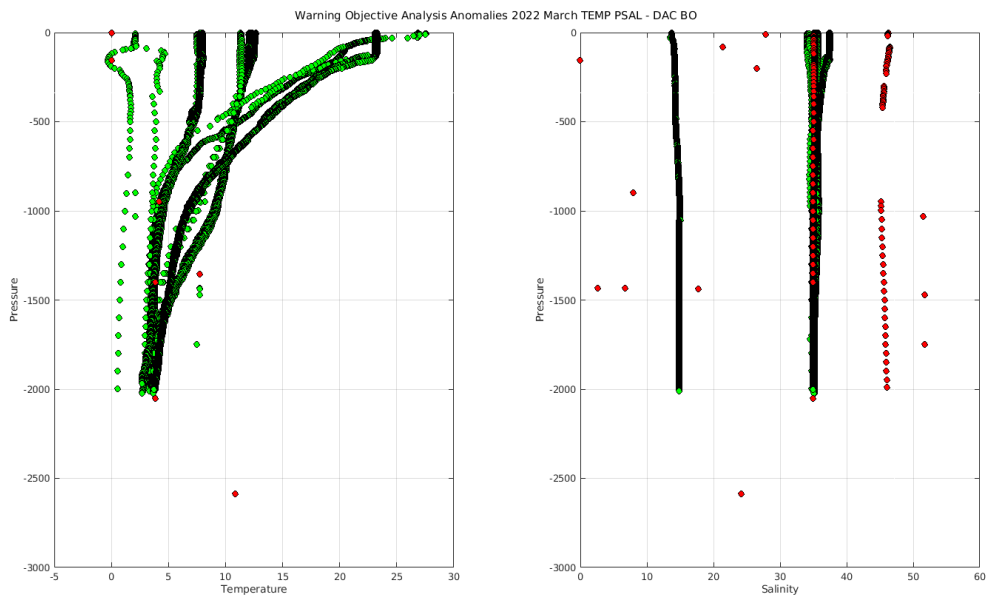
**Status of corrections: Correction in progress, regular feedback.**

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

Float : 3901534 - Cycle : 180 - PI : Jon Turton - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7592 - Date : 2022 3 4  
 Float : 3901887 - Cycle : 178 - PI : Andreas Sterl - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : AI2600-16FR050 - Date : 2022 2 18  
 Float : 3901943 - Cycle : 160 - PI : Romain Cancouet - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : AI2600-16FR086 - Date : 2022 1 29  
 Float : 3901943 - Cycle : 161 - PI : Romain Cancouet - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : AI2600-16FR086 - Date : 2022 2 8  
 Float : 3901943 - Cycle : 162 - PI : Romain Cancouet - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : AI2600-16FR086 - Date : 2022 2 18  
 Float : 3901943 - Cycle : 163 - PI : Romain Cancouet - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : AI2600-16FR086 - Date : 2022 2 28  
 Float : 3901943 - Cycle : 164 - PI : Romain Cancouet - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : AI2600-16FR086 - Date : 2022 3 10  
 Float : 3902398 - Cycle : 67 - PI : Jon Turton - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 8475 - Date : 2021 8 16  
 Float : 3902400 - Cycle : 82 - PI : Jon Turton - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 8577 - Date : 2022 2 11  
 Float : 6901166 - Cycle : 280 - PI : Jon Turton - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 6608 - Date : 2022 3 1  
 Float : 6901168 - Cycle : 280 - PI : Jon Turton - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 6610 - Date : 2022 3 4  
 Float : 6901169 - Cycle : 281 - PI : Jon Turton - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 6611 - Date : 2022 3 13  
 Float : 6901926 - Cycle : 219 - PI : Diarmuid O'Conchubhair - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7842 - Date : 2022 2 28  
 Float : 6901926 - Cycle : 220 - PI : Diarmuid O'Conchubhair - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7842 - Date : 2022 3 8  
 Float : 6901926 - Cycle : 221 - PI : Diarmuid O'Conchubhair - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7842 - Date : 2022 3 16  
 Float : 6901933 - Cycle : 102 - PI : Diarmuid O'Conchubhair - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : AI2632-18EU038 - Date : 2022 3 5  
 Float : 6901933 - Cycle : 103 - PI : Diarmuid O'Conchubhair - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : AI2632-18EU038 - Date : 2022 3 15  
 Float : 6901933 - Cycle : 104 - PI : Diarmuid O'Conchubhair - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : AI2632-18EU038 - Date : 2022 3 25  
 Float : 6903753 - Cycle : 46 - PI : Brian King - Data mode : A - Platform type : APEX - WMO inst type : 877 - FLOAT SERIAL : 9137 - Date : 2022 3 2  
 Float : 6903753 - Cycle : 47 - PI : Brian King - Data mode : A - Platform type : APEX - WMO inst type : 877 - FLOAT SERIAL : 9137 - Date : 2022 3 11  
 Float : 6903753 - Cycle : 48 - PI : Brian King - Data mode : A - Platform type : APEX - WMO inst type : 877 - FLOAT SERIAL : 9137 - Date : 2022 3 21

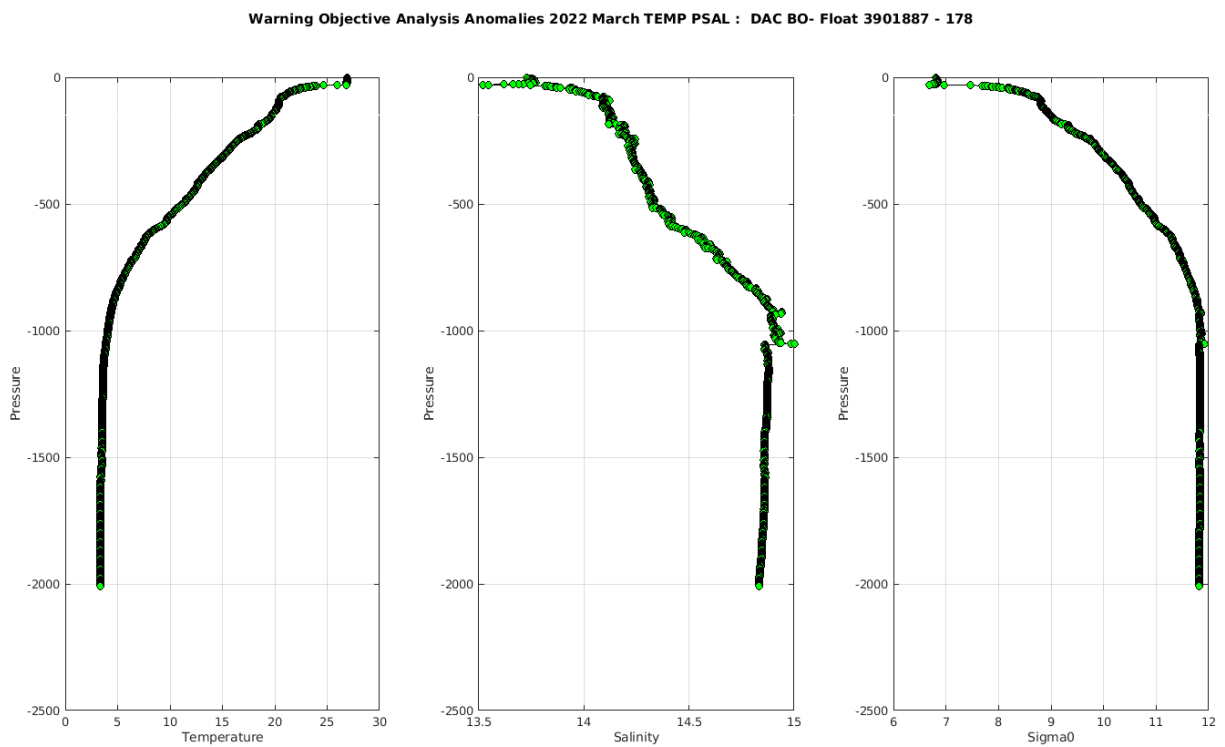
### Files data\_mode='D'

Float : 6901929 - Cycle : 148 - PI : Diarmuid O'Conchubhair - Data mode : D - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : AI2600-17EU01 - Date : 2022 2 23



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

Example of anomalies:



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

- Mix between RT and DM files : Float 6901129 with strange PRES values (cycle 209 for instance)

D6901129_219.nc	PRES =							
D6901129_225.nc	823.8,	nan,	nan,	nan,	nan,	nan,	nan,	nan,
D6901129_226.nc		nan,	nan,	nan,	nan,	nan,	nan,	nan,
R6901129_209.nc		nan,	nan,	nan,	nan,	nan,	nan,	nan,
R6901129_210.nc		nan,	nan,	nan,	nan,	nan,	nan,	nan,
R6901129_211.nc		nan,	nan,	nan,	nan,	nan,	nan,	nan,
R6901129_220.nc		nan,	nan,	nan,	nan,	nan,	nan,	nan,
R6901129_221.nc		nan,	nan,	nan,	nan,	nan,	nan,	nan,
R6901129_222.nc		nan,	nan,	nan,	nan,	nan,	nan,	nan,
R6901129_223.nc		nan,	nan,	nan,	nan,	nan,	nan,	nan,
R6901129_224.nc		nan,	nan,	nan,	nan,	nan,	nan,	nan,

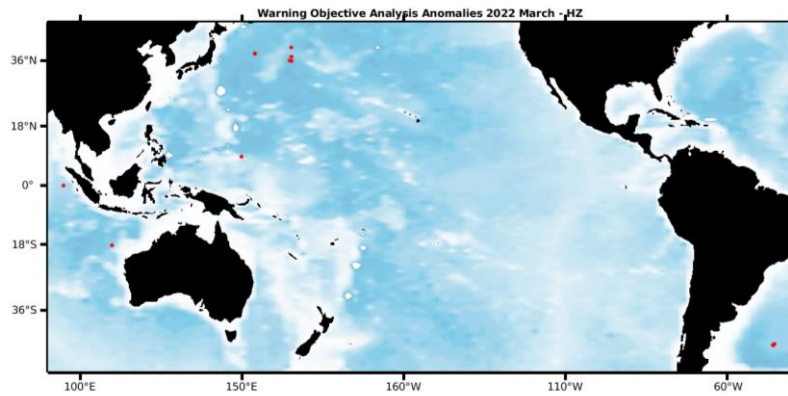
- Mix between RT and DM files: Float 6901181 ex below DM files till cycle 367 but a lot of old cycle in RT (1D, 2D, 3, 3D, 4, ....)

<a href="#">D6901181_352.nc</a>	17-May-2019 16:39 243K
<a href="#">D6901181_353.nc</a>	17-May-2019 16:39 255K
<a href="#">D6901181_354.nc</a>	17-May-2019 16:39 256K
<a href="#">D6901181_355.nc</a>	17-May-2019 16:39 278K
<a href="#">D6901181_356.nc</a>	17-May-2019 16:39 238K
<a href="#">D6901181_357.nc</a>	17-May-2019 16:39 237K
<a href="#">D6901181_358.nc</a>	17-May-2019 16:39 244K
<a href="#">D6901181_359.nc</a>	17-May-2019 16:39 303K
<a href="#">D6901181_360.nc</a>	17-May-2019 16:39 260K
<a href="#">D6901181_361.nc</a>	17-May-2019 16:39 252K
<a href="#">D6901181_362.nc</a>	17-May-2019 16:39 250K
<a href="#">D6901181_363.nc</a>	17-May-2019 16:39 259K
<a href="#">D6901181_364.nc</a>	17-May-2019 16:39 230K
<a href="#">D6901181_365.nc</a>	17-May-2019 16:39 257K
<a href="#">D6901181_366.nc</a>	17-May-2019 16:39 230K
<a href="#">D6901181_367.nc</a>	17-May-2019 16:39 240K
<a href="#">R6901181_001D.nc</a>	06-Jun-2021 22:32 28K
<a href="#">R6901181_002D.nc</a>	06-Jun-2021 22:32 94K
<a href="#">R6901181_003.nc</a>	06-Jun-2021 22:32 87K
<a href="#">R6901181_003D.nc</a>	06-Jun-2021 22:32 72K
<a href="#">R6901181_004.nc</a>	06-Jun-2021 22:32 84K
<a href="#">R6901181_004D.nc</a>	06-Jun-2021 22:32 98K
<a href="#">R6901181_005D.nc</a>	06-Jun-2021 22:32 96K
<a href="#">R6901181_006D.nc</a>	06-Jun-2021 22:32 267K
<a href="#">R6901181_007D.nc</a>	06-Jun-2021 22:33 189K
<a href="#">R6901181_008.nc</a>	06-Jun-2021 22:33 82K
<a href="#">R6901181_008D.nc</a>	06-Jun-2021 22:33 122K
<a href="#">R6901181_009D.nc</a>	06-Jun-2021 22:33 94K
<a href="#">R6901181_010.nc</a>	06-Jun-2021 22:33 77K
<a href="#">R6901181_010D.nc</a>	06-Jun-2021 22:33 325K
<a href="#">R6901181_011.nc</a>	06-Jun-2021 22:33 91K
<a href="#">R6901181_011D.nc</a>	06-Jun-2021 22:33 90K
<a href="#">R6901181_012.nc</a>	06-Jun-2021 22:33 87K
<a href="#">R6901181_012D.nc</a>	06-Jun-2021 22:33 111K
<a href="#">R6901181_013D.nc</a>	06-Jun-2021 22:33 104K
<a href="#">R6901181_014.nc</a>	06-Jun-2021 22:33 75K
<a href="#">R6901181_014D.nc</a>	06-Jun-2021 22:33 123K
<a href="#">R6901181_015D.nc</a>	06-Jun-2021 22:33 102K
<a href="#">R6901181_016.nc</a>	06-Jun-2021 22:33 71K
<a href="#">R6901181_016D.nc</a>	06-Jun-2021 22:33 156K

5.3. DAC CSIO

Profiles detected by the objective analysis: 12 profiles (7 floats but floats can have several cycles with anomalies)

Data_mode ='R'	Data_mode ='A'	Data_mode ='D'
0 cycle	3 cycles	9 cycles



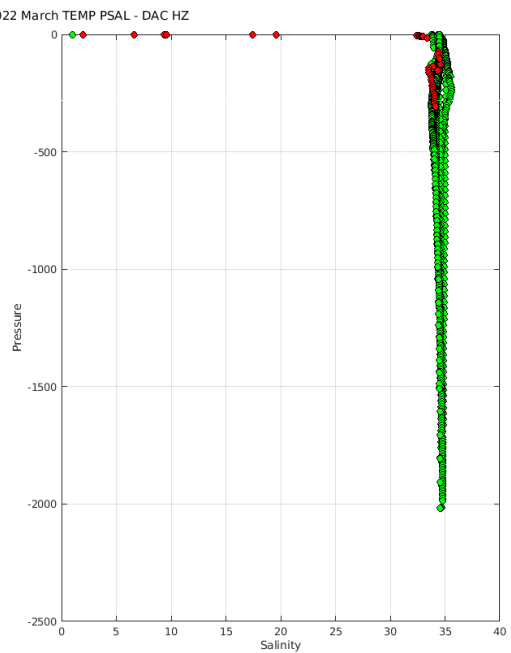
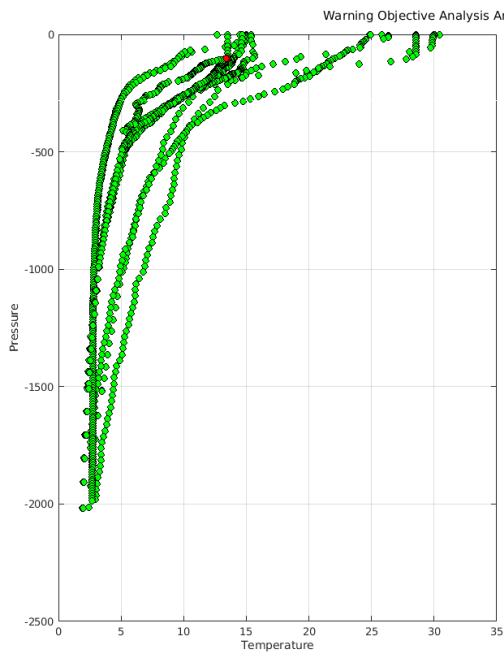
**Status of corrections: No regular feedback, corrections seem done. Feedback for DM profiles.**

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

- Float : 2902774 - Cycle : 80 - PI : FENG ZHOU - Data mode : A - Platform type : PROVOR - WMO inst type : 841 - FLOAT SERIAL : P32800-19CH025 - Date : 2022 2 21
- Float : 2902826 - Cycle : 9 - PI : WEI WANG - Data mode : A - Platform type : PROVOR - WMO inst type : 841 - FLOAT SERIAL : P32826-18CH006 - Date : 2022 3 7
- Float : 2902835 - Cycle : 9 - PI : YU ZHANG - Data mode : A - Platform type : PROVOR - WMO inst type : 841 - FLOAT SERIAL : P32826-18CH015 - Date : 2022 3 7

Files data\_mode='D'

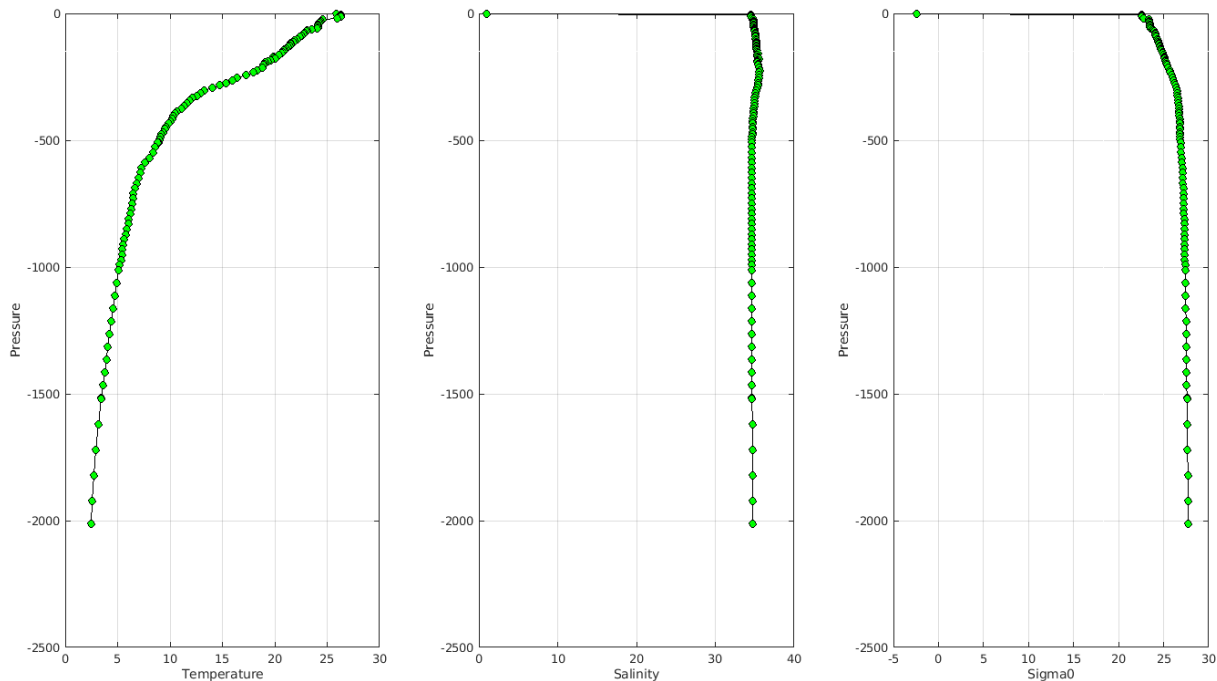
- Float : 2902797 - Cycle : 70 - PI : YANFENG WANG - Data mode : D - Platform type : HM2000 - WMO inst type : 870 - FLOAT SERIAL : HM2000-2019-113 - Date : 2021 12 3
- Float : 2902803 - Cycle : 62 - PI : FENG ZHOU - Data mode : D - Platform type : PROVOR - WMO inst type : 841 - FLOAT SERIAL : P32800-20CH021 - Date : 2022 3 25
- Float : 2902865 - Cycle : 1 - PI : ZHAOHUI CHEN - Data mode : D - Platform type : HM2000 - WMO inst type : 870 - FLOAT SERIAL : HM2000-19-072 - Date : 2019 9 8
- Float : 2902865 - Cycle : 2 - PI : ZHAOHUI CHEN - Data mode : D - Platform type : HM2000 - WMO inst type : 870 - FLOAT SERIAL : HM2000-19-072 - Date : 2019 9 8
- Float : 2902865 - Cycle : 3 - PI : ZHAOHUI CHEN - Data mode : D - Platform type : HM2000 - WMO inst type : 870 - FLOAT SERIAL : HM2000-19-072 - Date : 2019 9 8
- Float : 2902866 - Cycle : 91 - PI : ZHAOHUI CHEN - Data mode : D - Platform type : HM2000 - WMO inst type : 870 - FLOAT SERIAL : HM2000-19-076 - Date : 2021 1 17
- Float : 2902866 - Cycle : 96 - PI : ZHAOHUI CHEN - Data mode : D - Platform type : HM2000 - WMO inst type : 870 - FLOAT SERIAL : HM2000-19-076 - Date : 2021 3 8
- Float : 2902866 - Cycle : 98 - PI : ZHAOHUI CHEN - Data mode : D - Platform type : HM2000 - WMO inst type : 870 - FLOAT SERIAL : HM2000-19-076 - Date : 2021 3 28
- Float : 2902866 - Cycle : 101 - PI : ZHAOHUI CHEN - Data mode : D - Platform type : HM2000 - WMO inst type : 870 - FLOAT SERIAL : HM2000-19-076 - Date : 2021 4 27



The list of the anomalies can be found at <https://data-argo.ifremer.fr/etc/ObjectiveAnalysisWarning/csio/>

Example of anomalies:

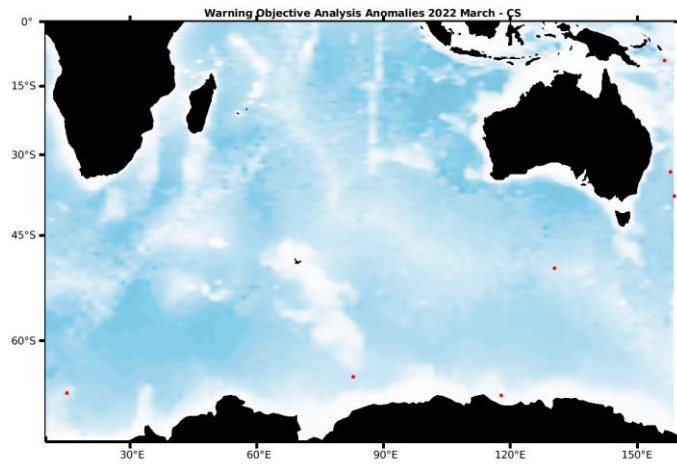
Warning Objective Analysis Anomalies 2022 March TEMP PSAL : DAC HZ- Float 2902797 - 70



5.4. DAC CSIRO

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

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

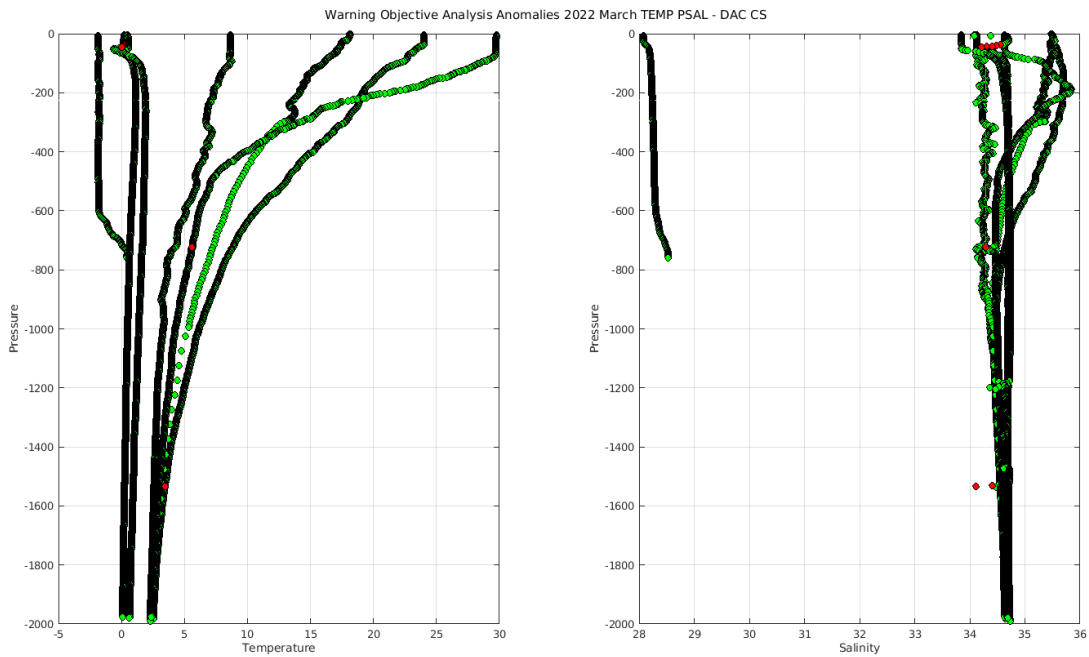


**Status of corrections: Corrections done or in progress, regular feedback.**

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

- Float : 5905438 - Cycle : 92 - PI : Peter Oke - Data mode : A - Platform type : NAVIS\_EBR - WMO inst type : 869 - FLOAT SERIAL : 1063 - Date : 2022 3 9
- Float : 5905461 - Cycle : 76 - PI : Peter Oke - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 8846 - Date : 2022 3 8
- Float : 5906635 - Cycle : 37 - PI : Tom Trull - Data mode : A - Platform type : PROVOR\_III - WMO inst type : 836 - FLOAT SERIAL : P43208-20AU001 - Date : 2021 12 6
- Float : 5906654 - Cycle : 12 - PI : Peter Oke - Data mode : A - Platform type : NAVIS\_EBR - WMO inst type : 869 - FLOAT SERIAL : 1073 - Date : 2022 3 3
- Float : 7900603 - Cycle : 302 - PI : Steve Rintoul - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7198 - Date : 2019 2 7
- Float : 7900638 - Cycle : 106 - PI : Peter Oke - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 8446 - Date : 2022 3 2
- Float : 7900936 - Cycle : 1 - PI : Peter Oke - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 9280 - Date : 2022 3 10

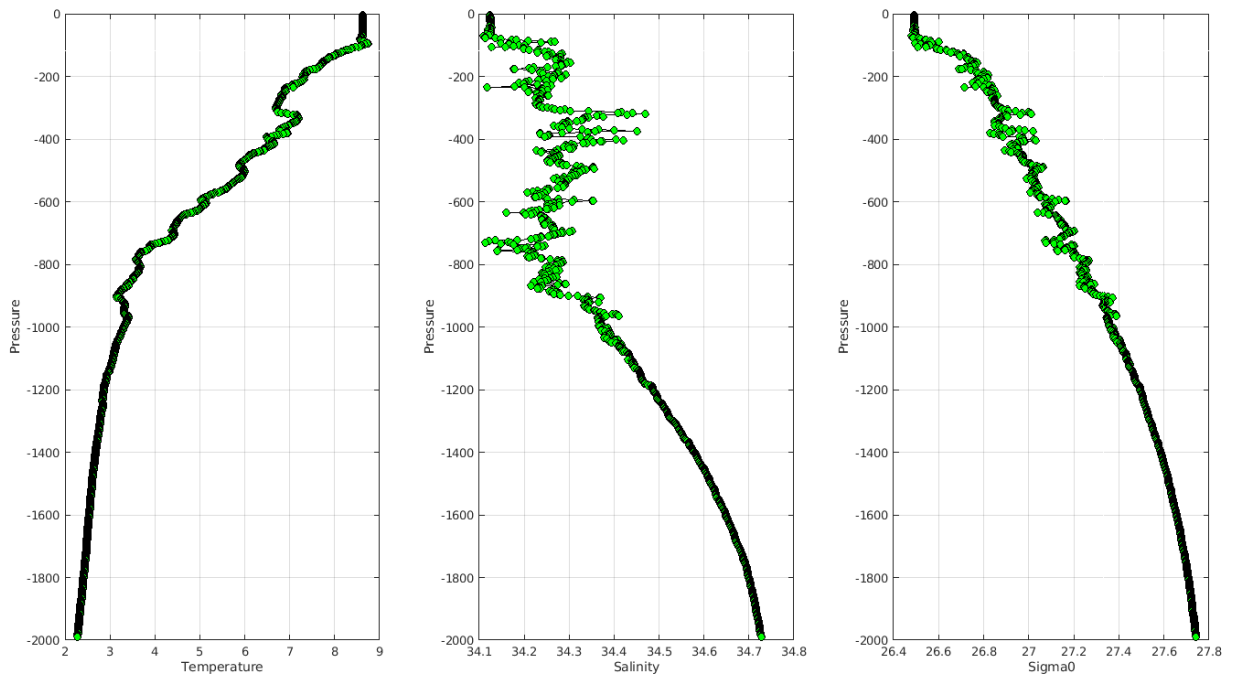
**Files data mode='D'**



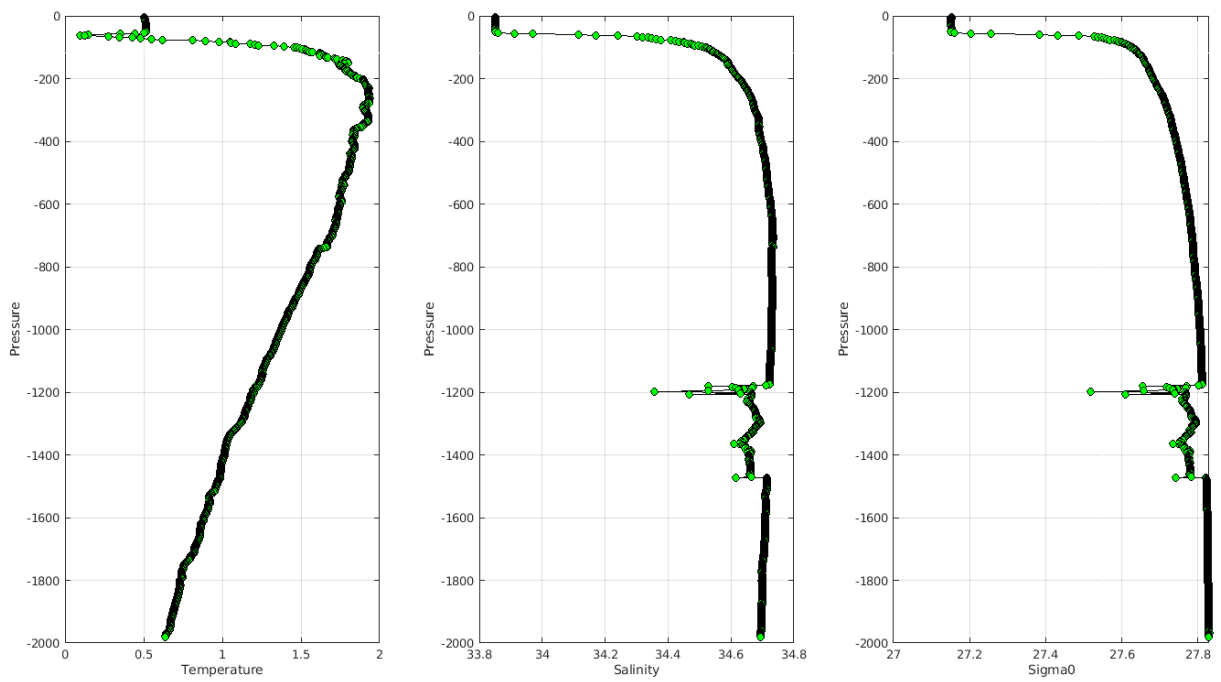
The list of the anomalies can be found at <https://data-argo.ifremer.fr/etc/ObjectiveAnalysisWarning/csiro/>

Example of anomalies:

Warning Objective Analysis Anomalies 2022 March TEMP PSAL : DAC CS- Float 5905461 - 76



Warning Objective Analysis Anomalies 2022 March TEMP PSAL : DAC CS- Float 7900936 - 1

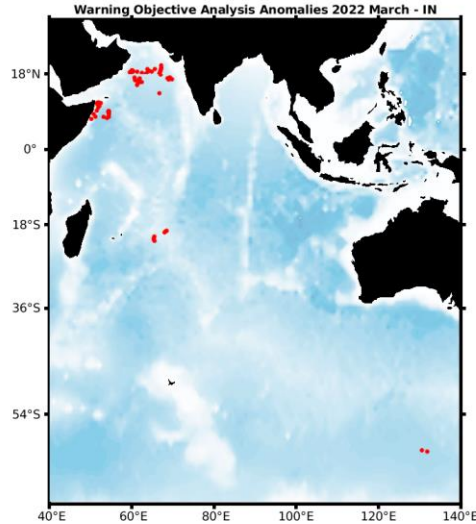




## 5.5. DAC INCOIS

Profiles detected by the objective analysis: 68 profiles (11 floats but floats can have several cycles with anomalies)

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



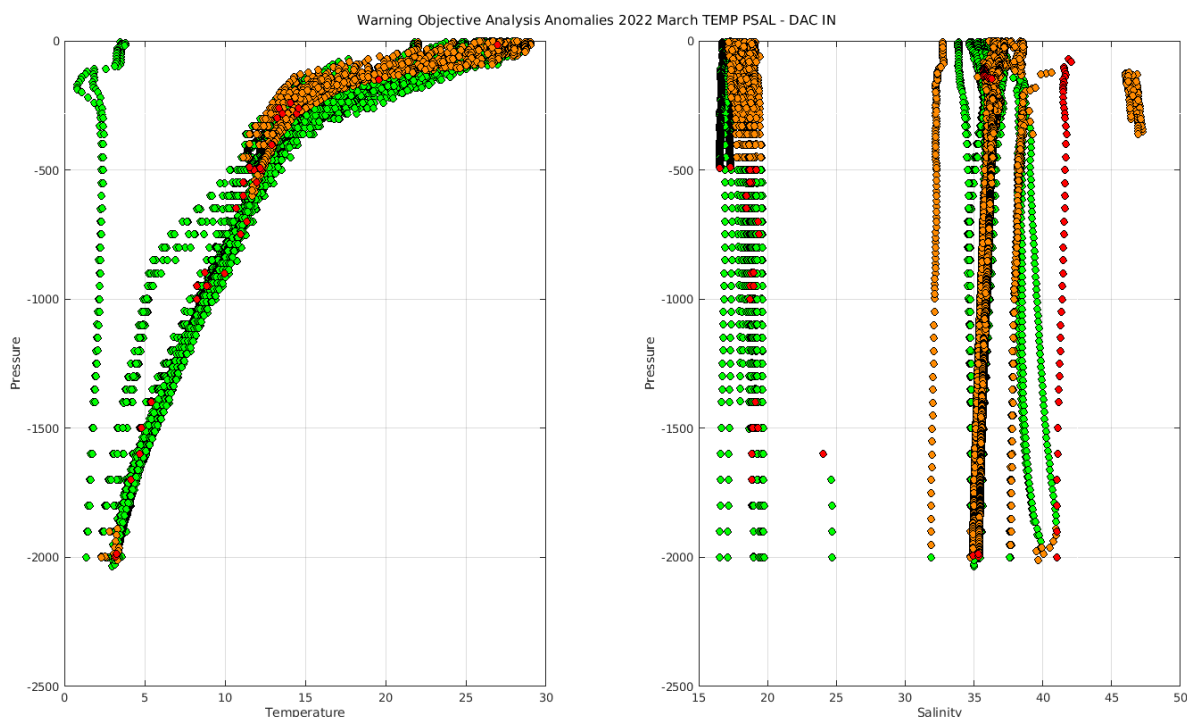
**Status of corrections: Corrections done or in progress, some feedbacks**

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

Float : 2902184 - Cycle : 233 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7534 - Date : 2022	2	28
Float : 2902184 - Cycle : 234 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7534 - Date : 2022	3	10
Float : 2902184 - Cycle : 235 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7534 - Date : 2022	3	20
Float : 2902185 - Cycle : 232 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7530 - Date : 2022	2	22
Float : 2902185 - Cycle : 233 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7530 - Date : 2022	3	4
Float : 2902185 - Cycle : 234 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7530 - Date : 2022	3	14
Float : 2902185 - Cycle : 235 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7530 - Date : 2022	3	24
Float : 2902199 - Cycle : 254 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7552 - Date : 2021	9	6
Float : 2902201 - Cycle : 219 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7542 - Date : 2022	2	24
Float : 2902201 - Cycle : 220 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7542 - Date : 2022	3	6
Float : 2902201 - Cycle : 222 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7542 - Date : 2022	3	26
Float : 2902205 - Cycle : 294 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7549 - Date : 2021	9	4
Float : 2902205 - Cycle : 296 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7549 - Date : 2021	9	24
Float : 2902205 - Cycle : 298 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7549 - Date : 2021	10	14
Float : 2902205 - Cycle : 300 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7549 - Date : 2021	11	3
Float : 2902205 - Cycle : 302 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7549 - Date : 2021	11	23
Float : 2902209 - Cycle : 184 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7826 - Date : 2021	8	30
Float : 2902209 - Cycle : 185 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7826 - Date : 2021	9	8
Float : 2902209 - Cycle : 186 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7826 - Date : 2021	9	18
Float : 2902209 - Cycle : 187 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7826 - Date : 2021	9	28
Float : 2902209 - Cycle : 188 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7826 - Date : 2021	10	8
Float : 2902209 - Cycle : 189 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7826 - Date : 2021	10	18
Float : 2902209 - Cycle : 190 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7826 - Date : 2021	10	27
Float : 2902209 - Cycle : 191 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7826 - Date : 2021	11	6
Float : 2902209 - Cycle : 192 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7826 - Date : 2021	11	16
Float : 2902209 - Cycle : 193 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7826 - Date : 2021	11	26
Float : 2902209 - Cycle : 194 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7826 - Date : 2021	12	6
Float : 2902209 - Cycle : 195 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7826 - Date : 2021	12	15
Float : 2902209 - Cycle : 196 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7826 - Date : 2021	12	25
Float : 2902209 - Cycle : 197 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7826 - Date : 2022	1	4
Float : 2902209 - Cycle : 198 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7826 - Date : 2022	1	14
Float : 2902209 - Cycle : 199 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7826 - Date : 2022	1	23
Float : 2902209 - Cycle : 200 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7826 - Date : 2022	2	2
Float : 2902209 - Cycle : 201 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7826 - Date : 2022	2	12
Float : 2902209 - Cycle : 202 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7826 - Date : 2022	2	22
Float : 2902209 - Cycle : 203 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7826 - Date : 2022	3	4
Float : 2902209 - Cycle : 204 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7826 - Date : 2022	3	13
Float : 2902209 - Cycle : 205 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7826 - Date : 2022	3	23
Float : 2902210 - Cycle : 240 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7828 - Date : 2021	12	3

Float : 2902210 - Cycle : 242 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7828 - Date : 2021 12 23  
 Float : 2902210 - Cycle : 245 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7828 - Date : 2022 1 22  
 Float : 2902210 - Cycle : 247 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7828 - Date : 2022 2 11  
 Float : 2902210 - Cycle : 248 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7828 - Date : 2022 2 21  
 Float : 2902210 - Cycle : 249 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7828 - Date : 2022 3 3  
 Float : 2902210 - Cycle : 250 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7828 - Date : 2022 3 13  
 Float : 2902210 - Cycle : 251 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7828 - Date : 2022 3 23  
 Float : 2902211 - Cycle : 218 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7827 - Date : 2021 9 3  
 Float : 2902211 - Cycle : 220 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7827 - Date : 2021 9 24  
 Float : 2902211 - Cycle : 222 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7827 - Date : 2021 10 14  
 Float : 2902211 - Cycle : 224 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7827 - Date : 2021 11 3  
 Float : 2902211 - Cycle : 226 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7827 - Date : 2021 11 23  
 Float : 2902211 - Cycle : 228 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7827 - Date : 2021 12 13  
 Float : 2902211 - Cycle : 230 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7827 - Date : 2022 1 2  
 Float : 2902211 - Cycle : 232 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7827 - Date : 2022 1 22  
 Float : 2902211 - Cycle : 234 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7827 - Date : 2022 2 11  
 Float : 2902211 - Cycle : 235 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7827 - Date : 2022 2 21  
 Float : 2902211 - Cycle : 236 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7827 - Date : 2022 3 3  
 Float : 2902211 - Cycle : 237 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7827 - Date : 2022 3 13  
 Float : 2902211 - Cycle : 238 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7827 - Date : 2022 3 23  
 Float : 2902222 - Cycle : 188 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7532 - Date : 2022 3 6  
 Float : 2902222 - Cycle : 189 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7532 - Date : 2022 3 16  
 Float : 2902267 - Cycle : 113 - PI : M Ravichandran - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 18003 - Date : 2022 2 24  
 Float : 2902267 - Cycle : 115 - PI : M Ravichandran - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 18003 - Date : 2022 3 16  
 Float : 2902267 - Cycle : 116 - PI : M Ravichandran - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 18003 - Date : 2022 3 26  
 Float : 2902268 - Cycle : 113 - PI : M Ravichandran - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 18004 - Date : 2022 2 25  
 Float : 2902268 - Cycle : 114 - PI : M Ravichandran - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 18004 - Date : 2022 3 7  
 Float : 2902268 - Cycle : 115 - PI : M Ravichandran - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 18004 - Date : 2022 3 17  
 Float : 2902268 - Cycle : 116 - PI : M Ravichandran - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 18004 - Date : 2022 3 27

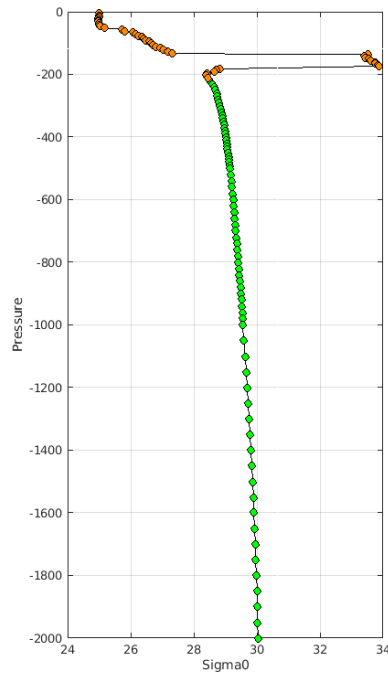
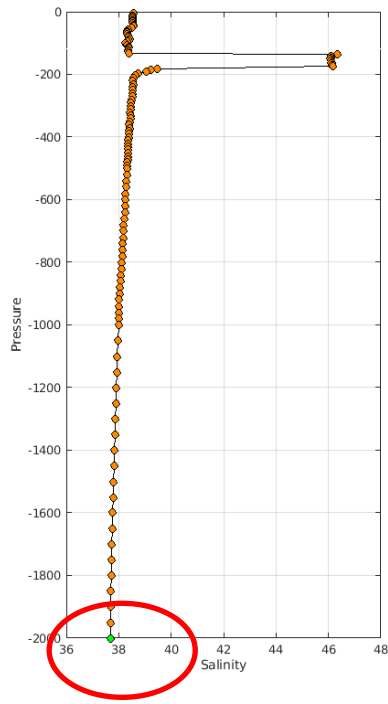
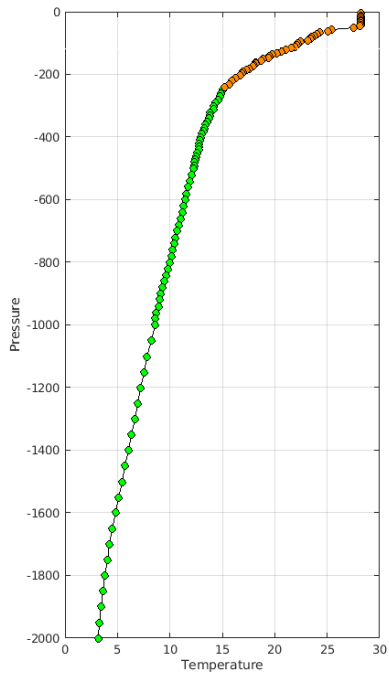
Files data mode='D'



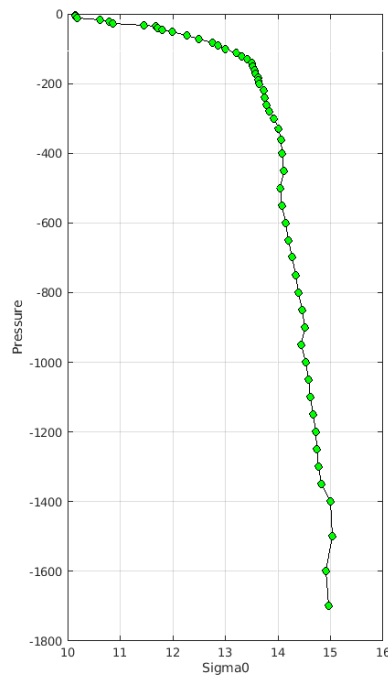
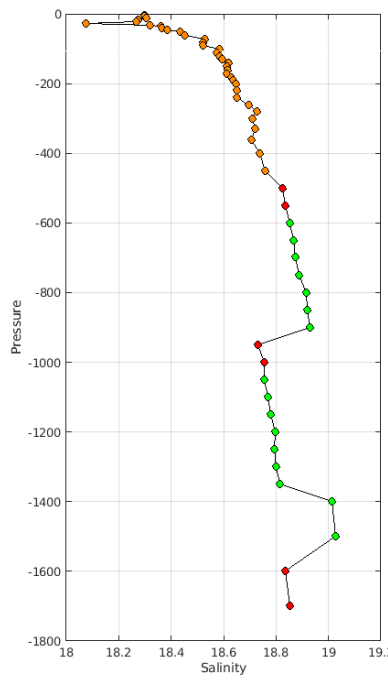
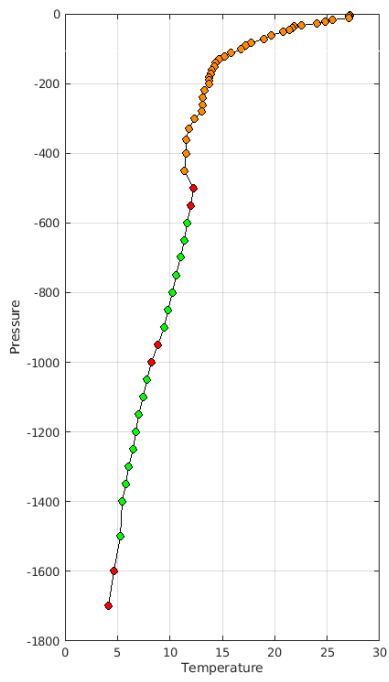
The list of the anomalies can be found at <https://data-argo.ifremer.fr/etc/ObjectiveAnalysisWarning/incois/>

Example of anomalies:

Warning Objective Analysis Anomalies 2022 March TEMP PSAL : DAC IN- Float 2902205 - 294



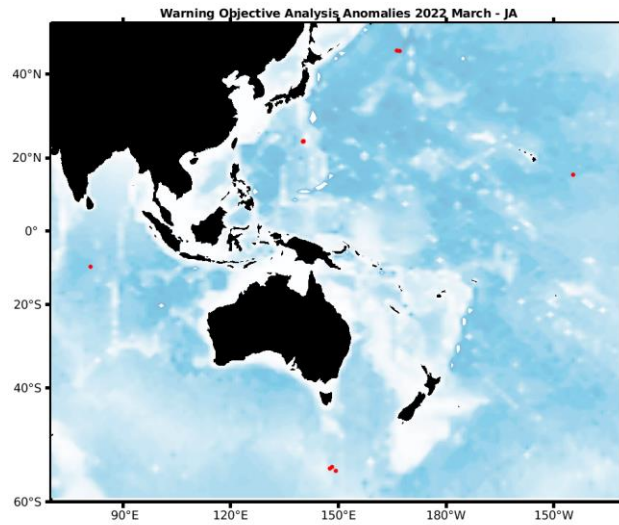
Warning Objective Analysis Anomalies 2022 March TEMP PSAL : DAC IN- Float 2902209 - 192



## 5.6. DAC JMA/JAMSTEC

Profiles detected by the objective analysis: 10 profiles (5 floats but floats can have several cycles with anomalies)

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

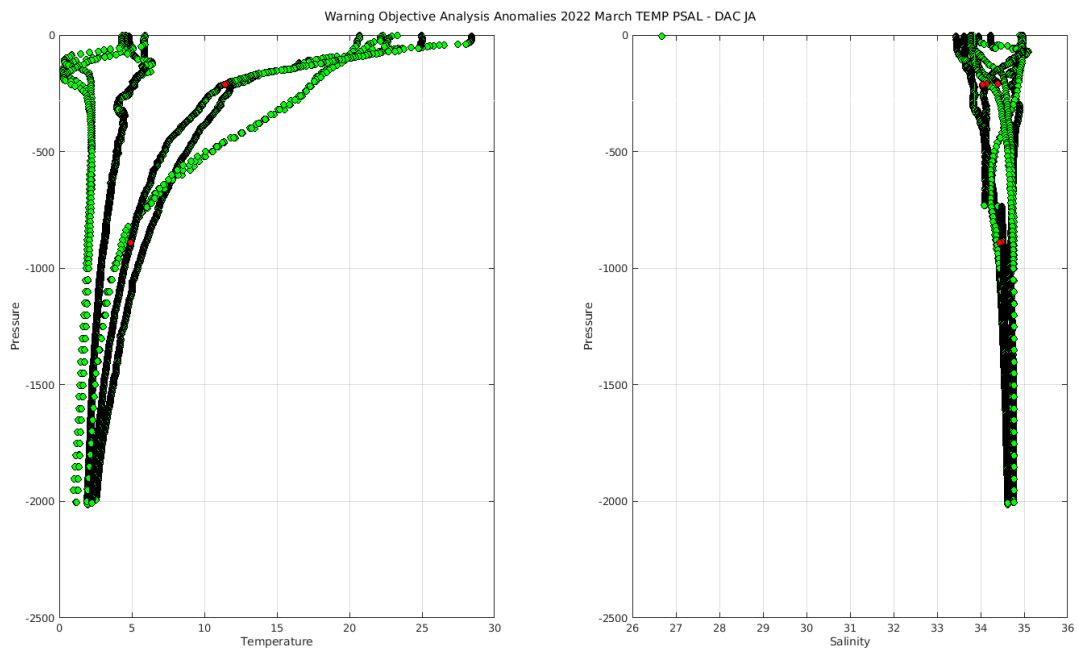


**Status of corrections: Correction in progress, feedbacks each month**

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

Float : 2903391 - Cycle : 102 - PI : JAMSTEC - Data mode : A - Platform type : APEX\_D - WMO inst type : 849 - FLOAT SERIAL : 44 - Date : 2022 3 3  
 Float : 2903403 - Cycle : 103 - PI : JAMSTEC - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 8526 - Date : 2022 3 8  
 Float : 2903403 - Cycle : 104 - PI : JAMSTEC - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 8526 - Date : 2022 3 17  
 Float : 2903644 - Cycle : 88 - PI : JMA - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : AK1000-19JP024 - Date : 2022 2 25  
 Float : 2903644 - Cycle : 89 - PI : JMA - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : AK1000-19JP024 - Date : 2022 3 2  
 Float : 2903644 - Cycle : 90 - PI : JMA - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : AK1000-19JP024 - Date : 2022 3 7  
 Float : 5905215 - Cycle : 154 - PI : JAMSTEC - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : OIN-13JAP-ARL-50 - Date : 2022 2 27  
 Float : 5905215 - Cycle : 155 - PI : JAMSTEC - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : OIN-13JAP-ARL-50 - Date : 2022 3 9  
 Float : 5905215 - Cycle : 156 - PI : JAMSTEC - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : OIN-13JAP-ARL-50 - Date : 2022 3 19  
 Float : 5905854 - Cycle : 112 - PI : JAMSTEC - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 8422 - Date : 2022 3 3

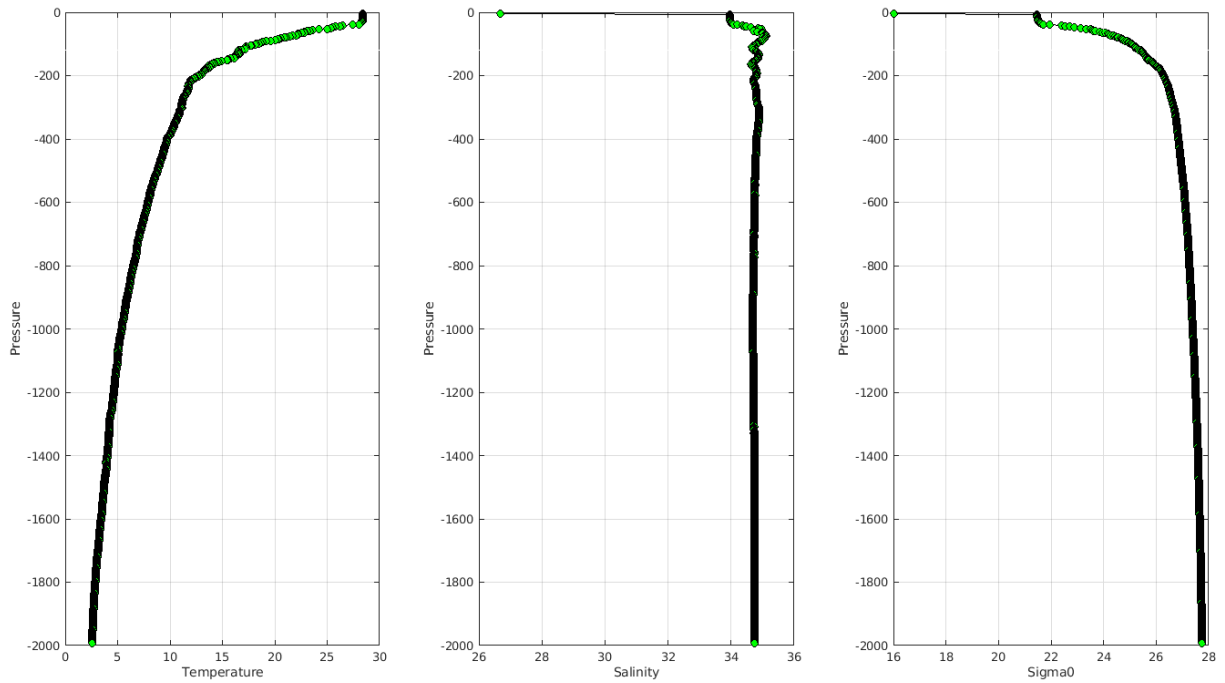
### Files data\_mode='D'



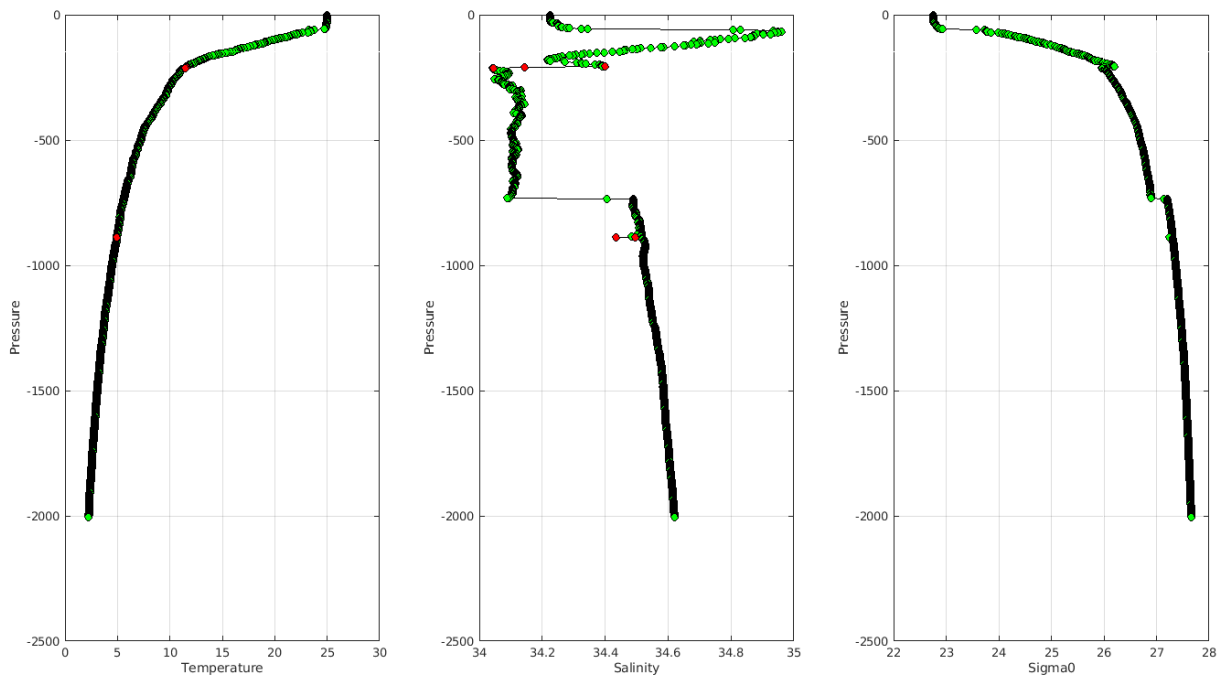
The list of the anomalies can be found at <https://data-argo.ifremer.fr/etc/ObjectiveAnalysisWarning/jma/>

Example of anomalies:

**Warning Objective Analysis Anomalies 2022 March TEMP PSAL : DAC JA- Float 2903391 - 102**



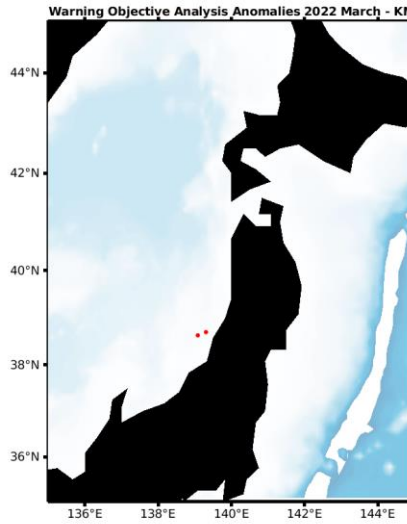
**Warning Objective Analysis Anomalies 2022 March TEMP PSAL : DAC JA- Float 5905854 - 112**



5.7. DAC KMA

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

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

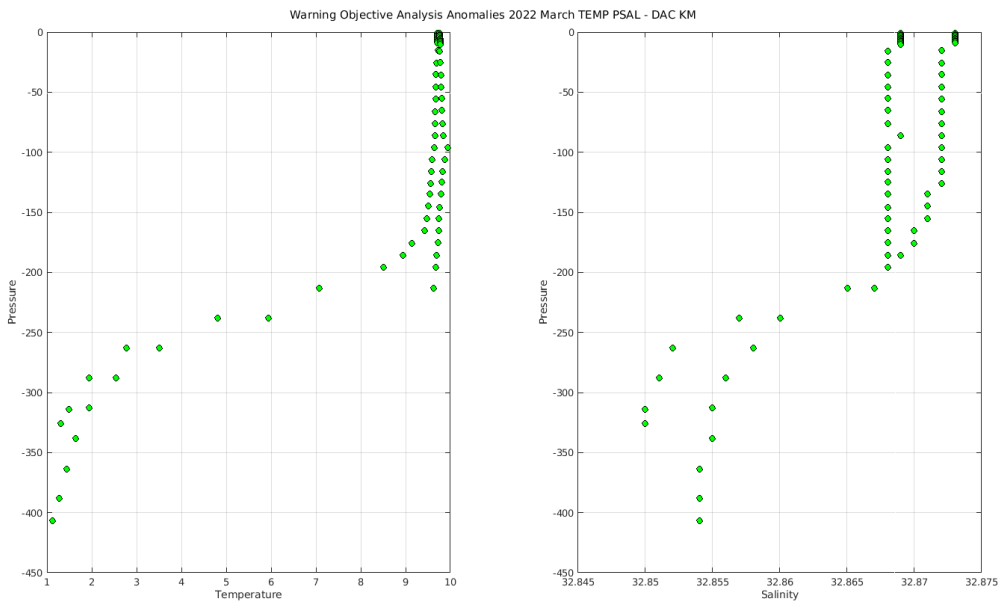


**Status of corrections: No feedback.**

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

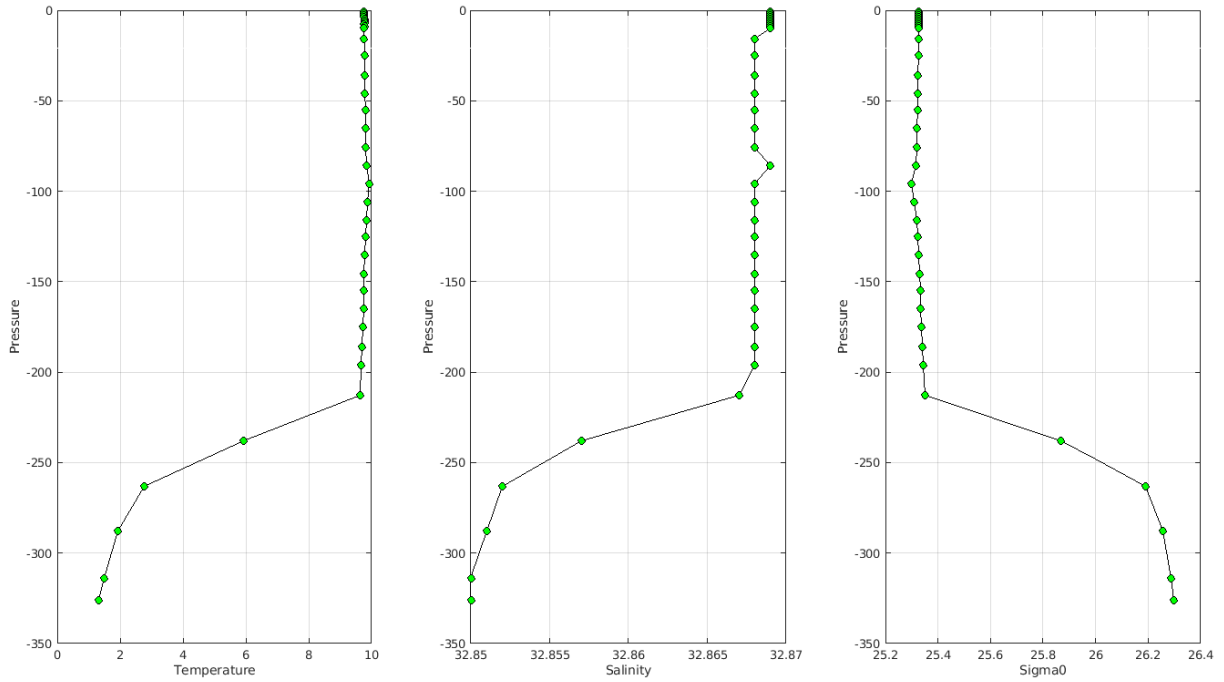
Float : 2901792 - Cycle : 121 - PI : KiRyong Kang - Data mode : R - Platform type : ARVOR - WMO inst type : 846 - FLOAT SERIAL : n/a - Date : 2022 2 26  
 Float : 2901792 - Cycle : 122 - PI : KiRyong Kang - Data mode : R - Platform type : ARVOR - WMO inst type : 846 - FLOAT SERIAL : n/a - Date : 2022 3 5

Files data\_mode='D'



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

Example of anomalies:



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

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	

- Mix of RT and DM files and strange values (Float\_wmo, Cycle, Data\_state\_indicator, Parameter, Value, QC)

ex float 2901233 cycle 53 : QC ok = 4 but take care can come form a problem of decoding

PSAL =

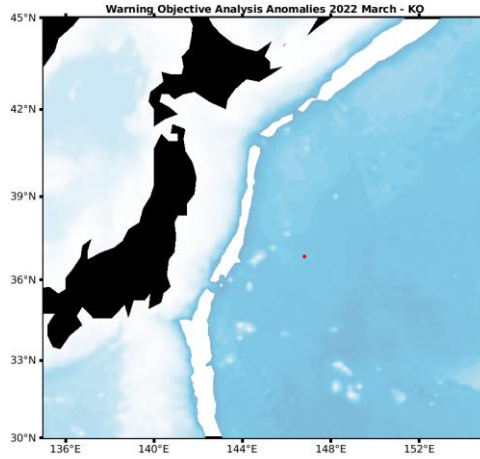
**-1073760.375**, 33.900, 33.876, 33.928, 33.964, 34.015,  
34.028, 34.027, 34.031, 34.033, 34.034, 34.029,

KM	2901233	53	2C	30	-1073760,375	4
KM	2901233	92	2C	30	-1073758,25	4
KM	2901233	128	2C	30	-1073758,75	4
KM	2901238	81	2C	30	-1073760,25	4
KM	2901702	67	2C	30	-1073746,625	4
KM	2901710	62	2C	30	-1073745,5	4

## 5.8. 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	0 cycle

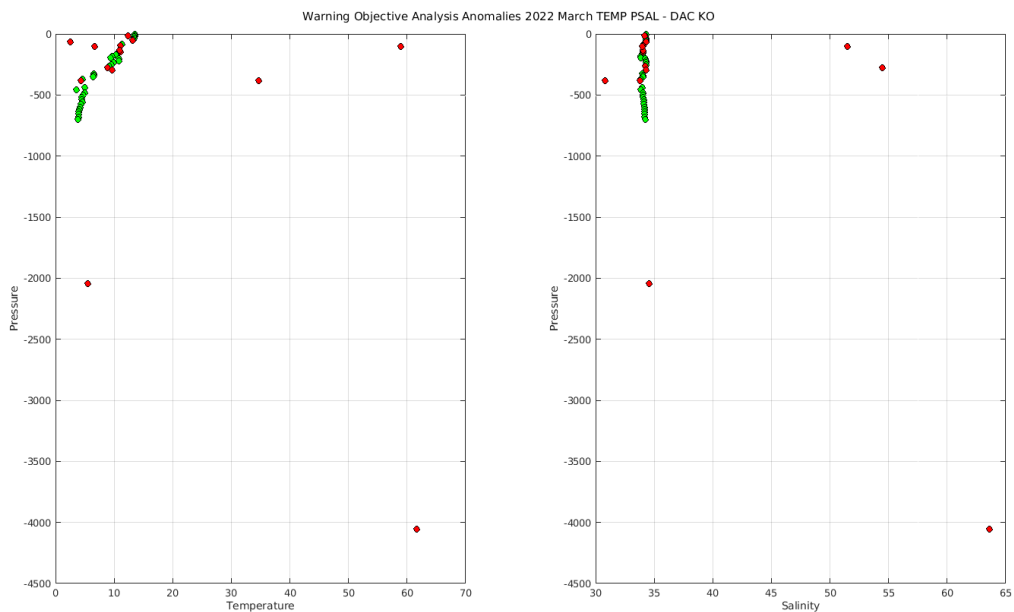


**Status of corrections: No feedback.**

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

Float : 2900784 - Cycle : 279 - PI : Moon-Sik Suk - Data mode : A - INST REF : APEX-SBE 2487 - Date : 2014 2 3

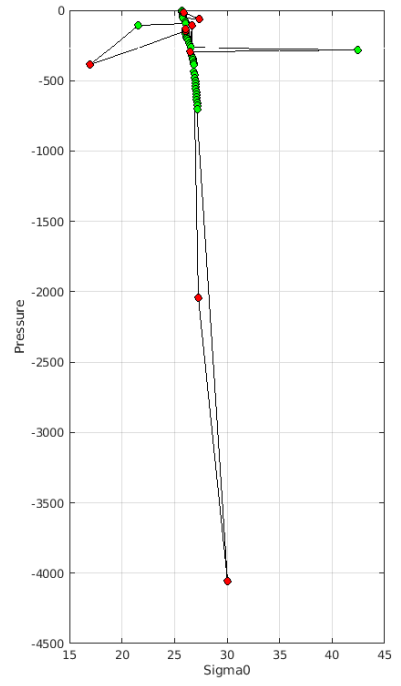
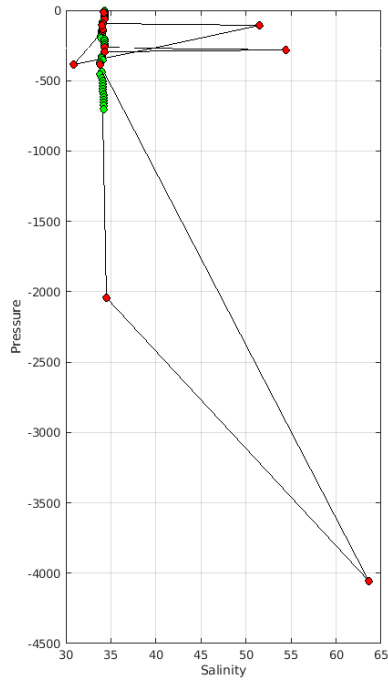
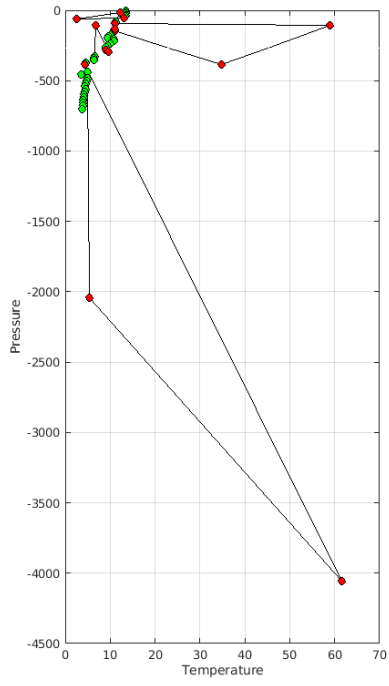
Files data\_mode='D'



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

Example of anomalies:

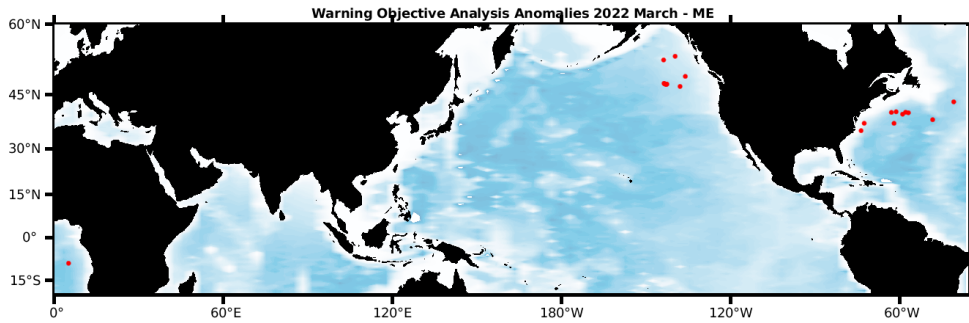




5.9. DAC MEDS

Profiles detected by the objective analysis: 21 profiles (13 floats but floats can have several cycles with anomalies)

Data_mode ='R'	Data_mode ='A'	Data_mode ='D'
14 cycles	6 cycles	1 cycle



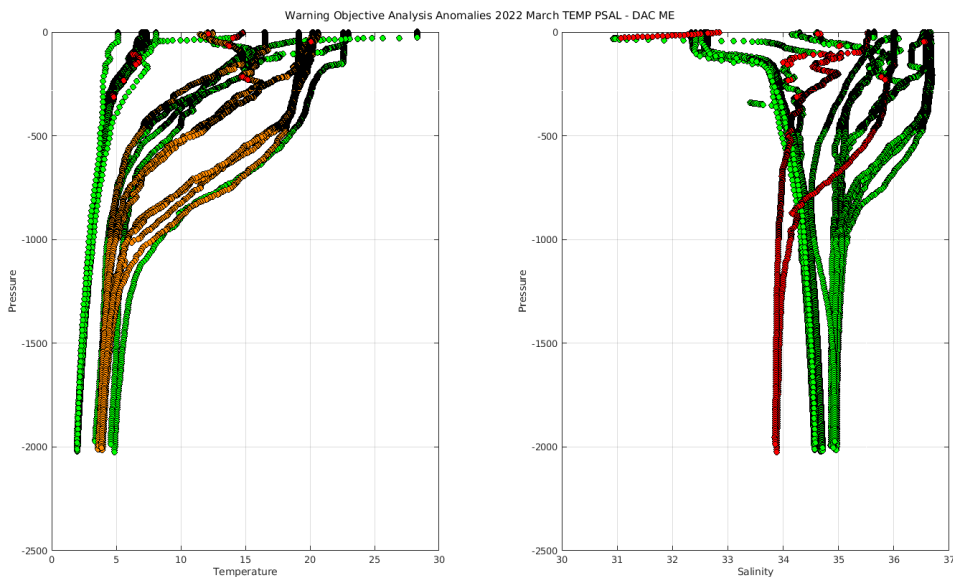
**Status of corrections: In progress.**

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

- Float : 4902442 - Cycle : 123 - PI : Blair Greenan - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 260018CA05 - Date : 2022 2 11
- Float : 4902462 - Cycle : 108 - PI : Blair Greenan - Data mode : A - Platform type : NOVA - WMO inst type : 865 - FLOAT SERIAL : 598 - Date : 2022 1 27
- Float : 4902462 - Cycle : 109 - PI : Blair Greenan - Data mode : A - Platform type : NOVA - WMO inst type : 865 - FLOAT SERIAL : 598 - Date : 2022 2 6
- Float : 4902462 - Cycle : 111 - PI : Blair Greenan - Data mode : A - Platform type : NOVA - WMO inst type : 865 - FLOAT SERIAL : 598 - Date : 2022 2 26
- Float : 4902462 - Cycle : 112 - PI : Blair Greenan - Data mode : A - Platform type : NOVA - WMO inst type : 865 - FLOAT SERIAL : 598 - Date : 2022 3 8
- Float : 4902462 - Cycle : 113 - PI : Blair Greenan - Data mode : A - Platform type : NOVA - WMO inst type : 865 - FLOAT SERIAL : 598 - Date : 2022 3 18
- Float : 4902462 - Cycle : 114 - PI : Blair Greenan - Data mode : A - Platform type : NOVA - WMO inst type : 865 - FLOAT SERIAL : 598 - Date : 2022 3 28
- Float : 4902470 - Cycle : 102 - PI : Blair Greenan - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 260018CA14 - Date : 2022 2 1
- Float : 4902470 - Cycle : 106 - PI : Blair Greenan - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 260018CA14 - Date : 2022 3 14
- Float : 4902497 - Cycle : 81 - PI : Blair Greenan - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 260019CA26 - Date : 2022 2 11
- Float : 4902498 - Cycle : 80 - PI : Blair Greenan - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 260019CA27 - Date : 2022 2 4
- Float : 4902503 - Cycle : 50 - PI : Blair Greenan - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 260019CA32 - Date : 2022 2 20
- Float : 4902515 - Cycle : 16 - PI : Blair Greenan - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 260020CA03 - Date : 2022 2 26
- Float : 4902554 - Cycle : 40 - PI : Blair Greenan - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 263220CA39 - Date : 2022 3 13
- Float : 4902573 - Cycle : 5 - PI : Blair Greenan - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 260021CA14 - Date : 2022 1 28
- Float : 4902573 - Cycle : 6 - PI : Blair Greenan - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 260021CA14 - Date : 2022 2 7
- Float : 4902573 - Cycle : 8 - PI : Blair Greenan - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 260021CA14 - Date : 2022 2 27
- Float : 4902574 - Cycle : 1 - PI : Blair Greenan - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 260021CA15 - Date : 2022 2 9
- Float : 4902583 - Cycle : 1 - PI : Blair Greenan - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 263221CA24 - Date : 2022 2 26
- Float : 4902585 - Cycle : 1 - PI : Blair Greenan - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 263221CA26 - Date : 2022 3 18

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

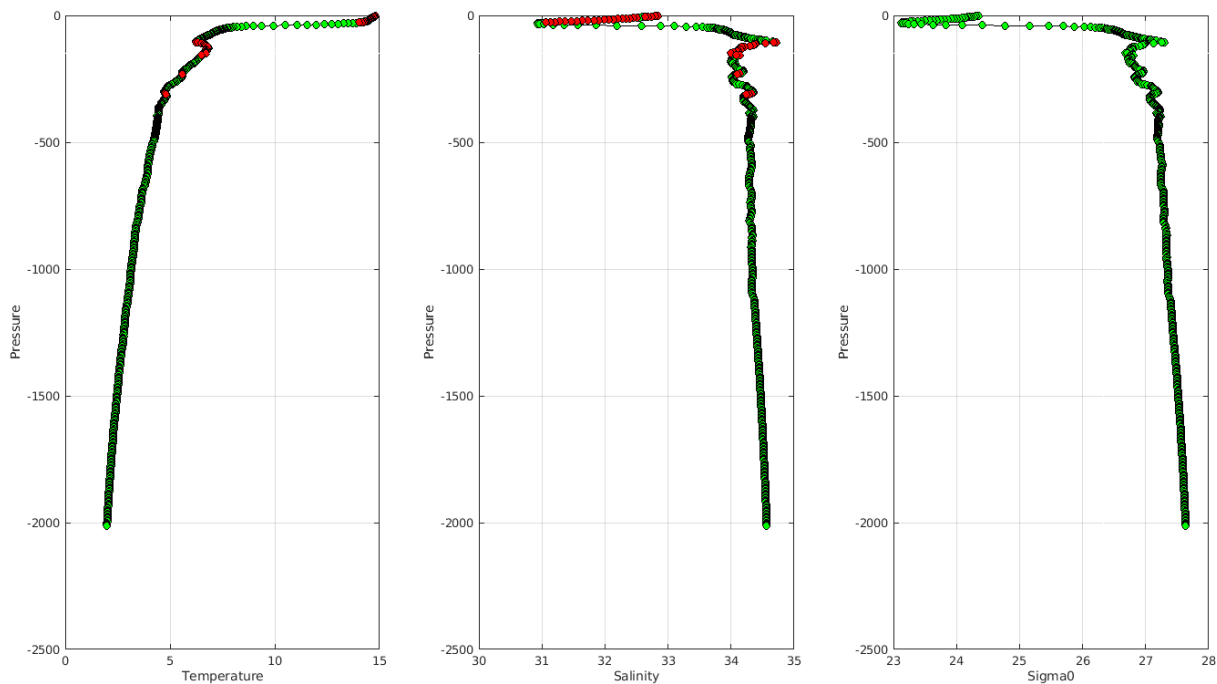
- Float : 4901740 - Cycle : 227 - PI : Blair Greenan - Data mode : D - Platform type : NOVA - WMO inst type : 865 - FLOAT SERIAL : 70 - Date : 2019 8 29



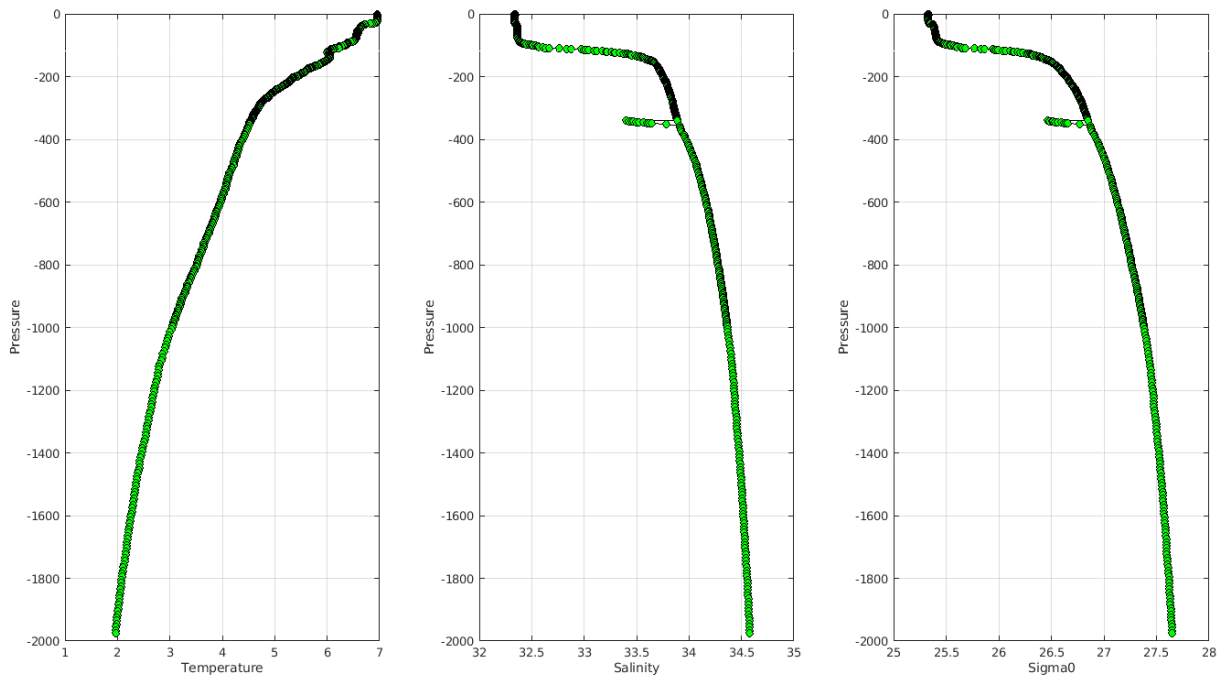
The list of the anomalies can be found at <https://data-argo.ifremer.fr/etc/ObjectiveAnalysisWarning/meds/>

Example of anomalies:

Warning Objective Analysis Anomalies 2022 March TEMP PSAL : DAC ME- Float 4901740 - 227



Warning Objective Analysis Anomalies 2022 March TEMP PSAL : DAC ME- Float 4902554 - 40



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

Mix of RT and DM files and strange values (Float\_wmo, Cycle, Data\_state\_indicator, Parameter, Value, QC)

ME 3900084 120 2C+ PSAL -170141183460469000000000000000000000000000000 4  
ME 3900085 120 2C+ PSAL -170141183460469000000000000000000000000000000 4  
ME 4900512  
ME 4900521  
ME 4900537  
ME 4900636  
ME 4900877  
ME 4901081



## 6. Synthetic profiles

Please have a look on the log showing problems on synthetic profiles

<https://data-argo.ifremer.fr/etc/argo-synthetic-profile-log/>

## 7. Instrument\_code error

For a same float, two different instrument\_codes have been observed in profile files.

For ex. **DAC AOML Float 3901261** : 326 profiles with instrument\_code 854 and 400 profiles with instrument\_code 872. Here profiles represent the vertical\_sampling\_scheme, so one cycle but 2 profiles for this cycle :

WMO\_INST\_TYPE =

"872 ",  
"872 " ;

VERTICAL\_SAMPLING\_SCHEME =

"Primary sampling: averaged [nominal 2 dbar binned data sampled at 1.0 Hz from a SBE41CP; bin detail from 0 dbar (number bins/bin width): 10/ 1; 490/ 2;remaining/ 2] ",  
"Near-surface sampling: discrete, pumped [shallowest polling from the same SBE41CP]

```
AO 3901261 PF 854 326
AO 3901261 PF 872 400
-----
AO 3901262 PF 854 434
AO 3901262 PF 872 294
-----
AO 3901263 PF 854 432
AO 3901263 PF 872 294
-----
AO 3901264 PF 854 440
AO 3901264 PF 872 295
-----
AO 3901266 PF 854 324
AO 3901266 PF 872 400
-----
AO 41534 TE 845 11
AO 41534 TE 999 85
-----
AO 5905759 PF 851 70
AO 5905759 PF 862 74
-----
AO 5905760 PF 851 68
AO 5905760 PF 862 68
-----
BO 1901894 PF 863 94
BO 1901894 PF 869 13
-----
BO 1901896 PF 863 93
BO 1901896 PF 869 14
```

```
-----
BO 2901896 PF 863 224
BO 2901896 PF 869 14
BO 2901897 PF 863 224
BO 2901897 PF 869 18
-----
BO 2901898 PF 863 221
BO 2901898 PF 869 14
-----
BO 6901162 PF 846 1
BO 6901162 PF 863 62
-----
BO 6901163 PF 846 1
BO 6901163 PF 863 187
-----
CS 1901740 PF 863 3
CS 1901740 PF 869 75
-----
CS 1901741 PF 863 3
CS 1901741 PF 869 74
-----
CS 1901742 PF 863 2
CS 1901742 PF 869 34
CS 5905428 PF 863 8
CS 5905428 PF 869 74
-----
CS 5905429 PF 863 7
CS 5905429 PF 869 75
```

```
-----
CS 7900632 PF 863 3
CS 7900632 PF 869 75
-----
CS 7900633 PF 863 2
CS 7900633 PF 869 75
-----
CS 7900634 PF 863 2
CS 7900634 PF 869 75
-----
HZ 2900313 PF 840 5
HZ 2900313 PF 841 3
-----
HZ 2902695 PF 870 1
HZ 2902695 PF 871 69
-----
HZ 2902698 PF 870 2
HZ 2902698 PF 871 58
-----
HZ 5900228 PF 840 3
HZ 5900228 PF 841 1
-----
IN 2902154 PF 841 1
IN 2902154 PF 846 150
-----
JA 2903635 PF 844 40
JA 2903635 PF 846 1
-----
ME 4901189 PF 846 16
ME 4901189 PF 865 5
```

## 8. 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

## 8.1. 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 only 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 : 8133

1900167 - Existing NetCDF files

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

1900168 - Existing NetCDF files

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

1900189 - Existing NetCDF files

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

1900244 - Existing NetCDF files

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

1900245 - Existing NetCDF files

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

1900255 - Existing NetCDF files

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

1900257 - Existing NetCDF files

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

1900748 - Existing NetCDF files

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

1900831 - Existing NetCDF files

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

1901658 - Existing NetCDF files

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

2901106 - Existing NetCDF files

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

3900148 - Existing NetCDF files

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

3900160 - Existing NetCDF files

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

41534 - Existing NetCDF files

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

4900228 - Existing NetCDF files

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

4900229 - Existing NetCDF files

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

4900230 - Existing NetCDF files

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

4900268 - Existing NetCDF files

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

4900269 - Existing NetCDF files

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

4900270 - Existing NetCDF files

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

4900271 - Existing NetCDF files

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

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

## 8.2. 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 : 808

1901312 - Existing NetCDF files





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

1901889 - Existing NetCDF files  
File : 1901889\_meta.nc - 1901889\_prof.nc - 1901889\_tech.nc -

1901890 - Existing NetCDF files  
File : 1901890\_meta.nc - 1901890\_prof.nc - 1901890\_tech.nc -

1901892 - Existing NetCDF files  
File : 1901892\_meta.nc - 1901892\_prof.nc - 1901892\_tech.nc -

1901893 - Existing NetCDF files  
File : 1901893\_meta.nc - 1901893\_prof.nc - 1901893\_tech.nc -

1901894 - Existing NetCDF files  
File : 1901894\_meta.nc - 1901894\_prof.nc - 1901894\_tech.nc -

1901895 - Existing NetCDF files  
File : 1901895\_meta.nc - 1901895\_prof.nc - 1901895\_tech.nc -

1901896 - Existing NetCDF files  
File : 1901896\_meta.nc - 1901896\_prof.nc - 1901896\_tech.nc -

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

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

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

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

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  
File : 1901903\_meta.nc - 1901903\_prof.nc - 1901903\_tech.nc -

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

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

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

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

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

1901911 - Existing NetCDF files  
File : 1901911\_meta.nc - 1901911\_prof.nc - 1901911\_tech.nc -

1901912 - Existing NetCDF files  
File : 1901912\_meta.nc - 1901912\_prof.nc - 1901912\_tech.nc -

1901914 - Existing NetCDF files  
File : 1901914\_meta.nc - 1901914\_prof.nc - 1901914\_tech.nc -

1901915 - Existing NetCDF files  
File : 1901915\_meta.nc - 1901915\_prof.nc - 1901915\_tech.nc -

1901916 - Existing NetCDF files  
File : 1901916\_meta.nc - 1901916\_prof.nc - 1901916\_tech.nc -

1901917 - Existing NetCDF files  
File : 1901917\_meta.nc - 1901917\_prof.nc - 1901917\_tech.nc -

1901920 - Existing NetCDF files  
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1901921 - Existing NetCDF files  
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1901922 - Existing NetCDF files  
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1901923 - Existing NetCDF files  
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1901924 - Existing NetCDF files  
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1901925 - Existing NetCDF files  
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1901926 - Existing NetCDF files  
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1901927 - Existing NetCDF files  
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1901928 - Existing NetCDF files  
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1901931 - Existing NetCDF files  
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1901932 - Existing NetCDF files  
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1901933 - Existing NetCDF files  
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1902079 - Existing NetCDF files  
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1902080 - Existing NetCDF files  
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2901891 - Existing NetCDF files  
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2901892 - Existing NetCDF files  
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2901893 - Existing NetCDF files  
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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  
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3900538 - Existing NetCDF files  
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3900559 - Existing NetCDF files  
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3900560 - Existing NetCDF files  
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3901488 - Existing NetCDF files  
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3901489 - Existing NetCDF files  
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3901490 - Existing NetCDF files  
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3901491 - Existing NetCDF files  
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3901492 - Existing NetCDF files  
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3901493 - Existing NetCDF files  
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3901494 - Existing NetCDF files  
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3901495 - Existing NetCDF files  
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3901499 - Existing NetCDF files  
File : 3901499\_meta.nc - 3901499\_prof.nc - 3901499\_tech.nc -

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

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

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

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

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

3901505 - Existing NetCDF files  
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3901506 - Existing NetCDF files  
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3901507 - Existing NetCDF files  
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3901508 - Existing NetCDF files  
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3901509 - Existing NetCDF files  
File : 3901509\_meta.nc - 3901509\_prof.nc - 3901509\_tech.nc -

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

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

3901512 - Existing NetCDF files  
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3901513 - Existing NetCDF files  
File : 3901513\_meta.nc - 3901513\_prof.nc - 3901513\_tech.nc -

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

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

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

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

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

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

3901521 - Existing NetCDF files



3902400 - Existing NetCDF files  
File : 3902400\_meta.nc - 3902400\_prof.nc - 3902400\_tech.nc -

3902402 - Existing NetCDF files  
File : 3902402\_meta.nc - 3902402\_prof.nc - 3902402\_tech.nc -

3902403 - Existing NetCDF files  
File : 3902403\_meta.nc - 3902403\_prof.nc - 3902403\_tech.nc -

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  
File : 6901155\_meta.nc - 6901155\_prof.nc - 6901155\_tech.nc -

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

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  
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6901171 - Existing NetCDF files

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6901172 - Existing NetCDF files  
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6901173 - Existing NetCDF files  
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6901176 - Existing NetCDF files  
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6901177 - Existing NetCDF files  
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6901178 - Existing NetCDF files  
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6901179 - Existing NetCDF files  
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6901184 - Existing NetCDF files  
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6901185 - Existing NetCDF files  
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6901188 - Existing NetCDF files  
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6901189 - Existing NetCDF files  
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6901190 - Existing NetCDF files  
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6901191 - Existing NetCDF files  
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6901192 - Existing NetCDF files  
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6901193 - Existing NetCDF files  
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6901194 - Existing NetCDF files  
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6901195 - 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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6901207 - Existing NetCDF files  
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6901208 - Existing NetCDF files  
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6901211 - Existing NetCDF files  
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6901212 - Existing NetCDF files  
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6901213 - Existing NetCDF files  
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6901214 - Existing NetCDF files  
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6901215 - Existing NetCDF files  
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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 -

6903715 - Existing NetCDF files  
File : 6903715\_meta.nc - 6903715\_prof.nc - 6903715\_tech.nc -

6903716 - Existing NetCDF files  
File : 6903716\_meta.nc - 6903716\_prof.nc - 6903716\_tech.nc -

6903717 - Existing NetCDF files  
File : 6903717\_meta.nc - 6903717\_prof.nc - 6903717\_tech.nc -

6903718 - Existing NetCDF files  
File : 6903718\_meta.nc - 6903718\_prof.nc - 6903718\_tech.nc -

6903719 - Existing NetCDF files  
File : 6903719\_meta.nc - 6903719\_prof.nc - 6903719\_tech.nc -

6903720 - Existing NetCDF files  
File : 6903720\_meta.nc - 6903720\_prof.nc - 6903720\_tech.nc -

6903721 - Existing NetCDF files  
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6903722 - Existing NetCDF files  
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6903723 - Existing NetCDF files  
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6903724 - Existing NetCDF files  
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6903725 - Existing NetCDF files  
File : 6903725\_meta.nc - 6903725\_prof.nc - 6903725\_tech.nc -

6903726 - Existing NetCDF files  
File : 6903726\_meta.nc - 6903726\_prof.nc - 6903726\_tech.nc -

6903727 - Existing NetCDF files  
File : 6903727\_meta.nc - 6903727\_prof.nc - 6903727\_tech.nc -

6903751 - Existing NetCDF files  
File : 6903751\_meta.nc - 6903751\_prof.nc - 6903751\_tech.nc -

6903752 - Existing NetCDF files  
File : 6903752\_meta.nc - 6903752\_prof.nc - 6903752\_tech.nc -

6903753 - Existing NetCDF files  
File : 6903753\_meta.nc - 6903753\_prof.nc - 6903753\_tech.nc -

6903754 - Existing NetCDF files  
File : 6903754\_meta.nc - 6903754\_prof.nc - 6903754\_tech.nc -

6903755 - Existing NetCDF files  
File : 6903755\_meta.nc - 6903755\_prof.nc - 6903755\_tech.nc -

6903760 - Existing NetCDF files  
File : 6903760\_meta.nc - 6903760\_prof.nc - 6903760\_tech.nc -

6903761 - Existing NetCDF files  
File : 6903761\_meta.nc - 6903761\_prof.nc - 6903761\_tech.nc -

6904181 - Existing NetCDF files  
File : 6904181\_meta.nc - 6904181\_prof.nc - 6904181\_tech.nc -

### 8.3. 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 : 3385

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 -

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

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 -

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

6903807 - Existing NetCDF files

File : 6903807\_Rtraj.nc6903807\_meta.nc

6903811 - Existing NetCDF files

File : 6903811\_Rtraj.nc6903811\_meta.nc

6904127 - Existing NetCDF files

File : 6904127\_Rtraj.nc6904127\_meta.nc6904127\_tech.nc

7900349 - Existing NetCDF files

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

## 8.4. 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 : 520

## 8.5. 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 : 1074**

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 -

1901749 - Existing NetCDF files

File : 1901749\_meta.nc - 1901749\_prof.nc - 1901749\_tech.nc -

1901752 - Existing NetCDF files

File : 1901752\_meta.nc - 1901752\_prof.nc - 1901752\_tech.nc -

1901753 - Existing NetCDF files

File : 1901753\_meta.nc - 1901753\_prof.nc - 1901753\_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 -

5904925 - Existing NetCDF files

File : 5904925\_meta.nc - 5904925\_prof.nc - 5904925\_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 -

5905454 - Existing NetCDF files

File : 5905454\_meta.nc - 5905454\_prof.nc - 5905454\_tech.nc -

5905468 - Existing NetCDF files

File : 5905468\_Rtraj.nc - 5905468\_meta.nc - 5905468\_tech.nc -

5906658 - Existing NetCDF files

File : 5906658\_Rtraj.nc - 5906658\_meta.nc - 5906658\_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 -

7900648 - Existing NetCDF files

File : 7900648\_meta.nc - 7900648\_prof.nc - 7900648\_tech.nc -

7900649 - Existing NetCDF files

File : 7900649\_meta.nc - 7900649\_prof.nc - 7900649\_tech.nc -

7900650 - Existing NetCDF files

File : 7900650\_meta.nc - 7900650\_prof.nc - 7900650\_tech.nc -

7900651 - Existing NetCDF files

File : 7900651\_meta.nc - 7900651\_prof.nc - 7900651\_tech.nc -

7900891 - Existing NetCDF files

File : 7900891\_meta.nc - 7900891\_prof.nc - 7900891\_tech.nc -

7900892 - Existing NetCDF files

File : 7900892\_meta.nc - 7900892\_prof.nc - 7900892\_tech.nc -

7900894 - Existing NetCDF files

File : 7900894\_meta.nc - 7900894\_prof.nc - 7900894\_tech.nc -

7900899 - Existing NetCDF files

File : 7900899\_meta.nc - 7900899\_prof.nc - 7900899\_tech.nc -

7900903 - Existing NetCDF files

File : 7900903\_meta.nc - 7900903\_prof.nc - 7900903\_tech.nc

7900913 - Existing NetCDF files

File : 7900913\_meta.nc7900913\_prof.nc7900913\_tech.nc

7900919 - Existing NetCDF files

File : 7900919\_meta.nc7900919\_prof.nc7900919\_tech.nc

## 8.6. 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 : 491

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  
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2902268 - Existing NetCDF files  
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2902269 - Existing NetCDF files  
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2902278 - Existing NetCDF files  
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2902279 - Existing NetCDF files  
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2902281 - Existing NetCDF files  
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2902282 - Existing NetCDF files  
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2902283 - Existing NetCDF files  
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2902285 - Existing NetCDF files  
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2902286 - Existing NetCDF files  
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2902288 - Existing NetCDF files  
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2902289 - Existing NetCDF files  
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2902290 - Existing NetCDF files  
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2902291 - Existing NetCDF files  
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2902292 - Existing NetCDF files  
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2902293 - Existing NetCDF files  
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2902300 - Existing NetCDF files  
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2902301 - Existing NetCDF files  
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2902302 - Existing NetCDF files  
File : 2902302\_meta.nc - 2902302\_prof.nc - 2902302\_tech.nc -

2902303 - Existing NetCDF files  
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2902304 - Existing NetCDF files  
File : 2902304\_meta.nc - 2902304\_prof.nc - 2902304\_tech.nc

## 8.7. JMA

**Feedback sent by Wataru.(some months/years 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**

<b>2902508</b>	<b>7900600</b>	<b>7900655</b>
<b>2902509</b>	<b>7900601</b>	<b>7900657</b>
<b>2902510</b>	<b>7900652</b>	<b>7900658</b>
<b>5904937</b>	<b>7900653</b>	<b>7900660</b>
<b>7900599</b>	<b>7900654</b>	

**-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 : 1859**

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

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

1902332 - Existing NetCDF files  
File : 1902332\_Sprof.nc - 1902332\_meta.nc - 1902332\_prof.nc -

1902333 - Existing NetCDF files  
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1902335 - Existing NetCDF files  
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1902336 - Existing NetCDF files  
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1902337 - Existing NetCDF files  
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1902339 - Existing NetCDF files  
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1902340 - Existing NetCDF files  
File : 1902340\_meta.nc - 1902340\_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  
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2902509 - Existing NetCDF files  
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2902510 - Existing NetCDF files  
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2902529 - Existing NetCDF files  
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2902530 - Existing NetCDF files  
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2902971 - Existing NetCDF files  
File : 2902971\_meta.nc - 2902971\_prof.nc -

2902977 - Existing NetCDF files  
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2902978 - Existing NetCDF files  
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2903005 - Existing NetCDF files  
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2903006 - Existing NetCDF files  
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2903007 - Existing NetCDF files  
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2903008 - Existing NetCDF files  
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2903009 - Existing NetCDF files  
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2903010 - Existing NetCDF files  
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2903011 - Existing NetCDF files  
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2903012 - Existing NetCDF files  
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2903013 - Existing NetCDF files  
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2903165 - Existing NetCDF files  
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2903670 - Existing NetCDF files  
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2903672 - Existing NetCDF files  
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5905881 - Existing NetCDF files  
File : 5905881\_meta.nc - 5905881\_prof.nc -

5905882 - Existing NetCDF files  
File : 5905882\_meta.nc - 5905882\_prof.nc -

5906389 - Existing NetCDF files  
File : 5906389\_meta.nc - 5906389\_prof.nc -

5906390 - Existing NetCDF files  
File : 5906390\_meta.nc - 5906390\_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 -

7900863 - Existing NetCDF files  
File : 7900863\_Sprof.nc - 7900863\_meta.nc - 7900863\_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 -

7900872 - Existing NetCDF files

File : 7900872\_meta.nc - 7900872\_prof.nc -

7900873 - Existing NetCDF files

File : 7900873\_meta.nc - 7900873\_prof.nc -

7900881 - Existing NetCDF files

File : 7900881\_Sprof.nc - 7900881\_meta.nc - 7900881\_prof.nc

## 8.8. 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 : 259**

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

2901806 - Existing NetCDF files

File : 2901806\_Rtraj.nc - 2901806\_meta.nc - 2901806\_prof.nc -

2901807 - Existing NetCDF files

File : 2901807\_Rtraj.nc - 2901807\_meta.nc - 2901807\_prof.nc -

2901808 - Existing NetCDF files

File : 2901808\_Rtraj.nc - 2901808\_meta.nc - 2901808\_prof.nc -

2901809 - Existing NetCDF files

File : 2901809\_Rtraj.nc - 2901809\_meta.nc - 2901809\_prof.nc -

2901810 - Existing NetCDF files

File : 2901810\_Rtraj.nc - 2901810\_meta.nc - 2901810\_prof.nc -

2901811 - Existing NetCDF files

File : 2901811\_Rtraj.nc - 2901811\_meta.nc - 2901811\_prof.nc -

## 8.9. KORDI/KIOST

**For some floats :**

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

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

**DAC name : kiost – Number of floats : 110**

2901779 - Existing nc files

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

2901780 - Existing nc files

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

2901805 - Existing NetCDF files

File : 2901805\_meta.nc - 2901805\_prof.nc - 2901805\_tech.nc

## 8.10. MEDS

**For some floats :**

- traj file missing

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

**DAC name : meds – Number of floats : 624**

4902530 - Existing NetCDF files

File : 4902530\_meta.nc - 4902530\_prof.nc - 4902530\_tech.nc

## 8.11. NMDIS

**For some floats :**

- 

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

**DAC name : nmdis – Number of floats : 19**