



## GDAC Float Anomalies Monitoring

February 2021

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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 ?).

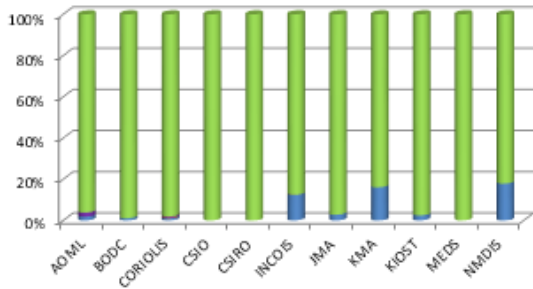
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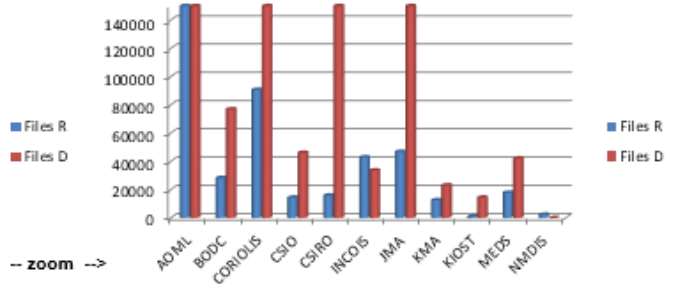
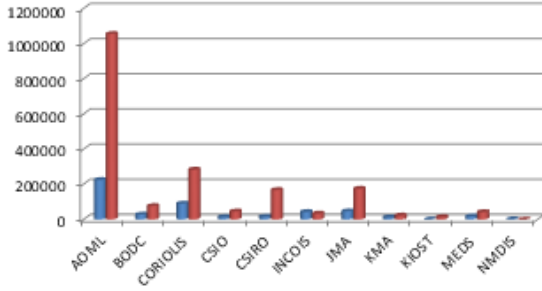
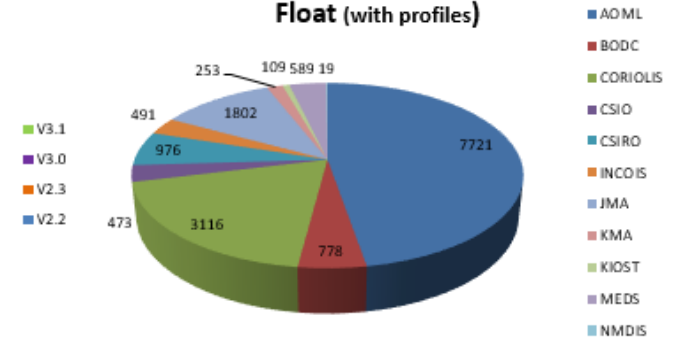




**Format Version (CORE profiles R & D)**

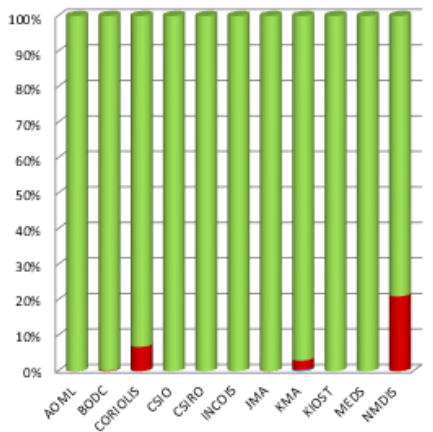


**Float (with profiles)**

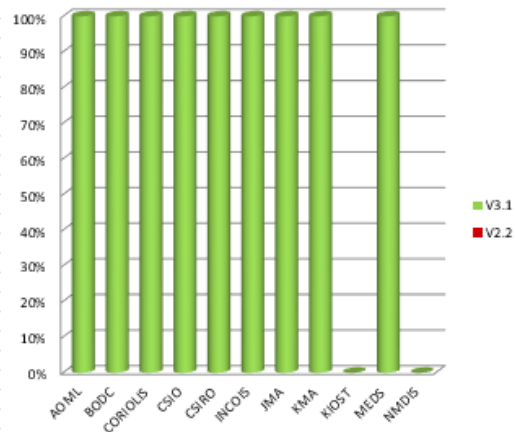


Plots showing format\_version percentage, for metadata-technical-trajectory and core profiles following dead or active floats.

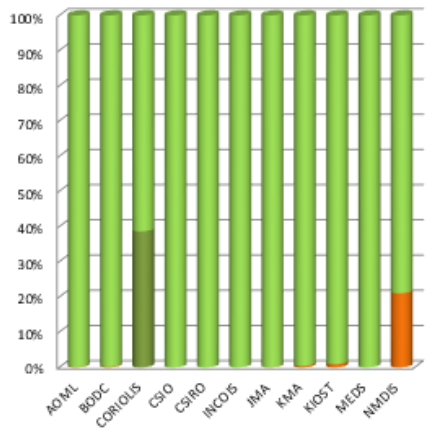
**Metadata Files - Dead floats**



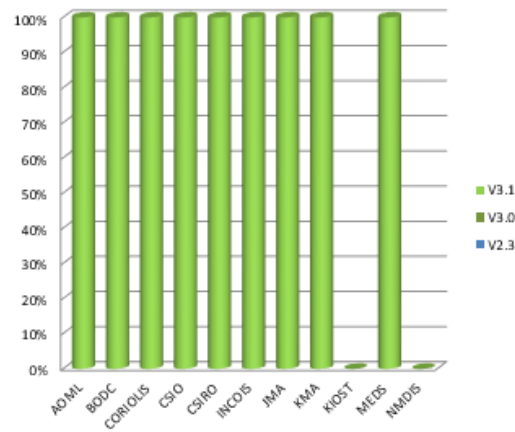
**Metadata Files - Active floats**



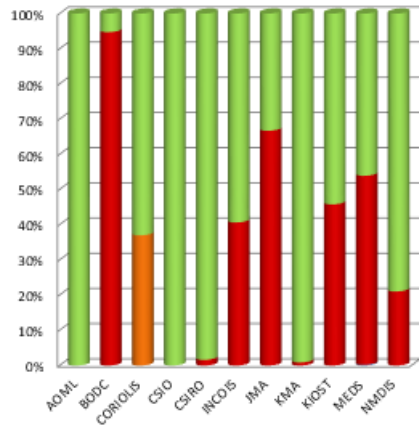
**Technical Files - Dead floats**



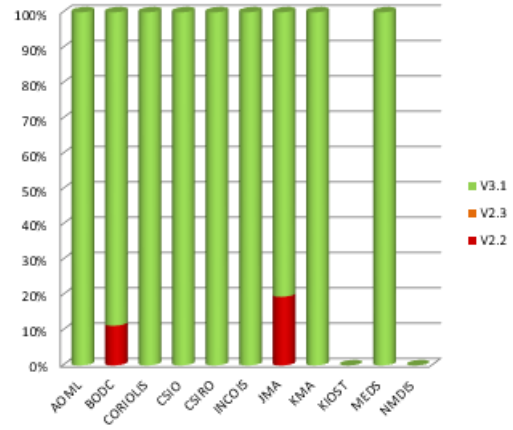
**Technical Files - Active floats**



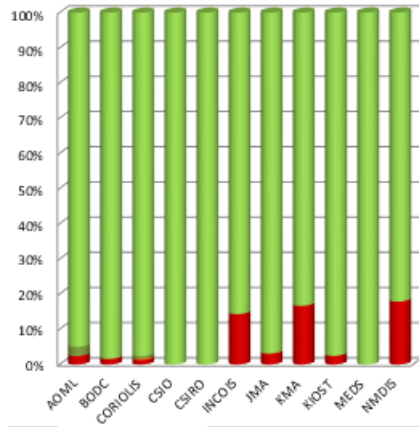
**Trajectory Files - Dead floats**



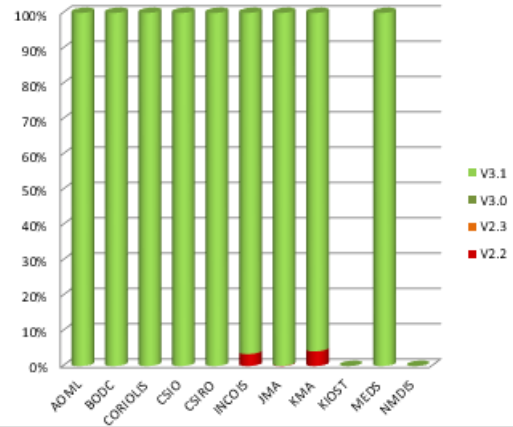
**Trajectory Files - Active floats**



**Profile files - Dead floats**

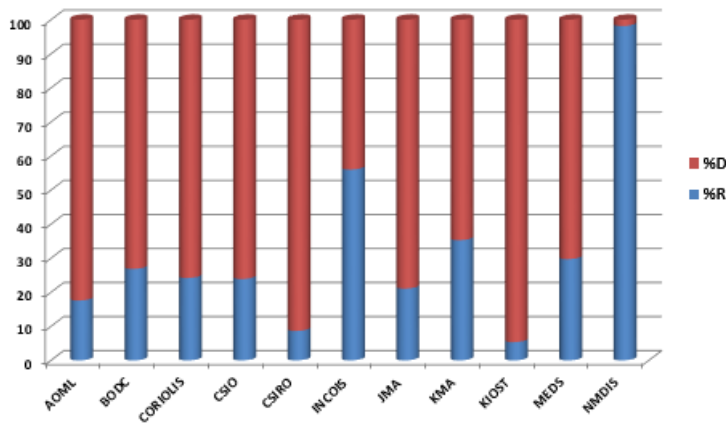


**Profile Files - Active floats**



**Delayed mode percentage by DAC**

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



DACS	%R	%D
AOML	17,60	82,40
BODC	26,89	73,11
CORIO LIS	24,20	75,80
CSIO	23,90	76,10
CSIRO	8,66	91,34
INCOIS	56,04	43,96
JMA	21,09	78,91
KMA	35,32	64,68
KIOST	5,38	94,62
MEDS	29,74	70,26
NMDIS	98,17	1,83

**3. Statistics on Anomalies**

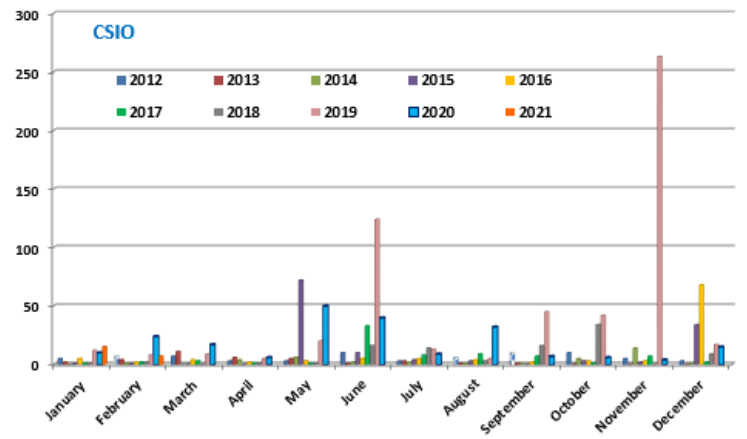
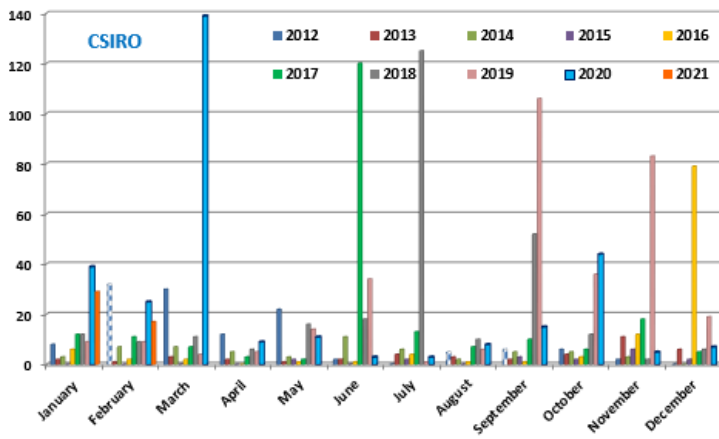
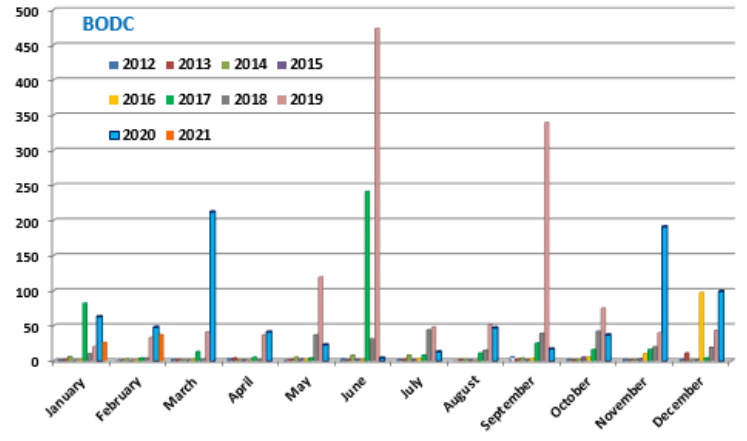
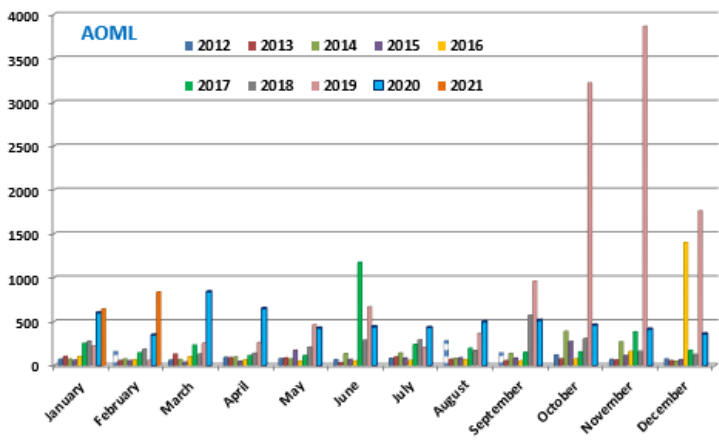
Plots showing evolution of number of anomalies by DAC.

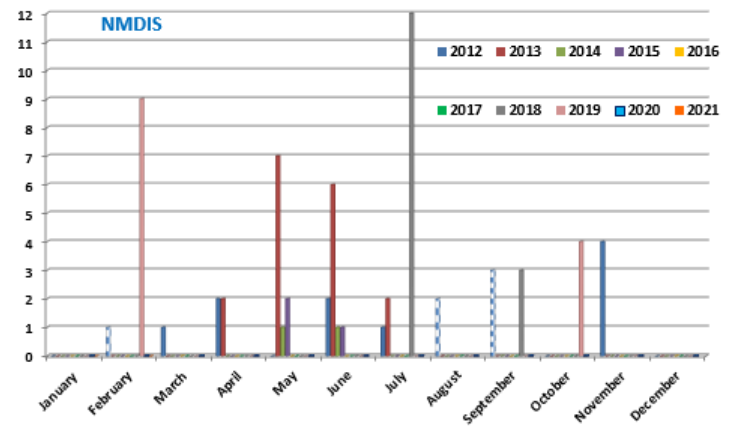
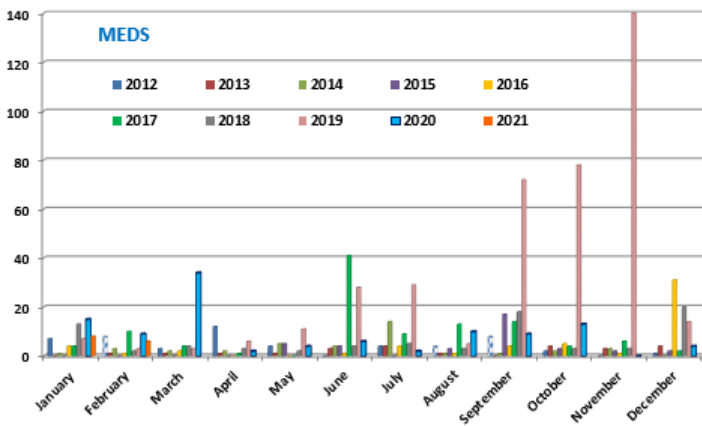
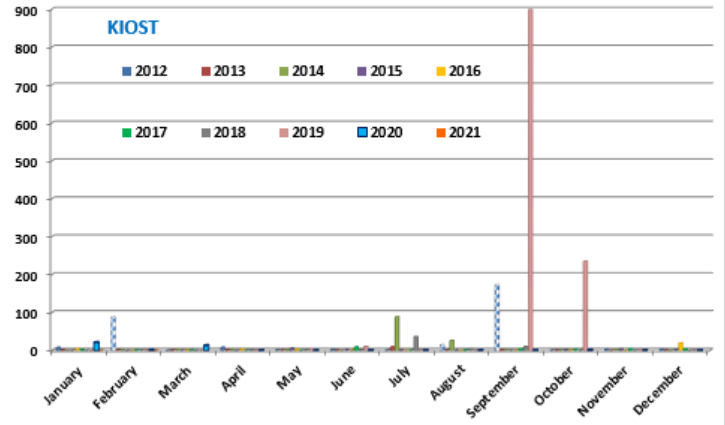
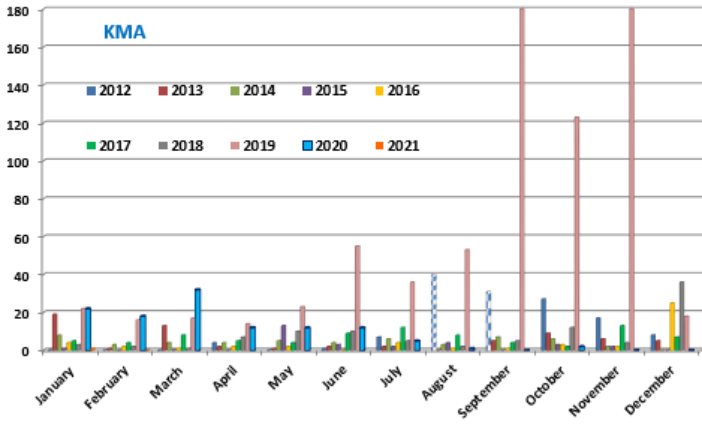
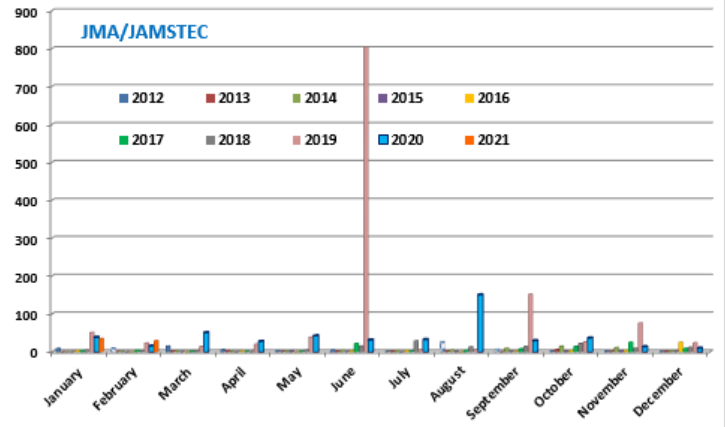
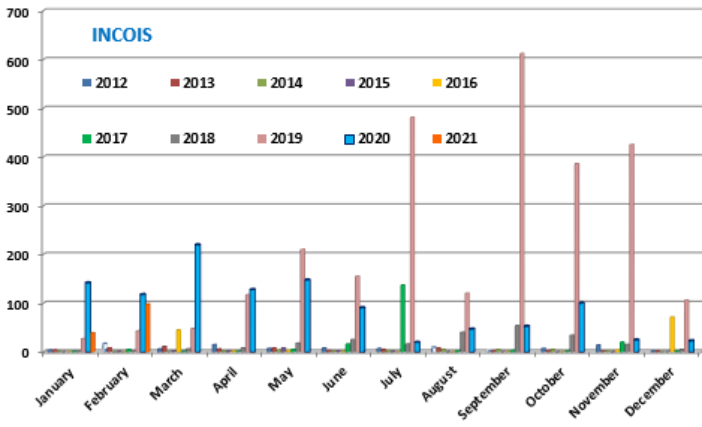


### 3.1. Year

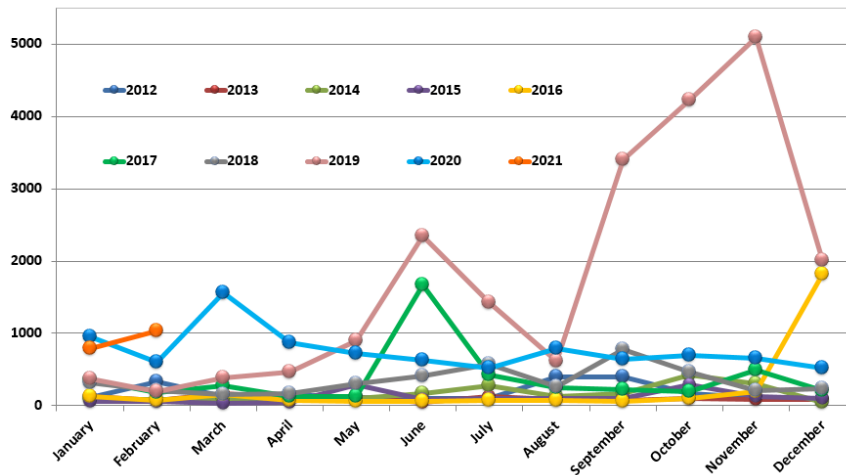


### 3.2. DAC





### 3.3. Anomalies by year, by month

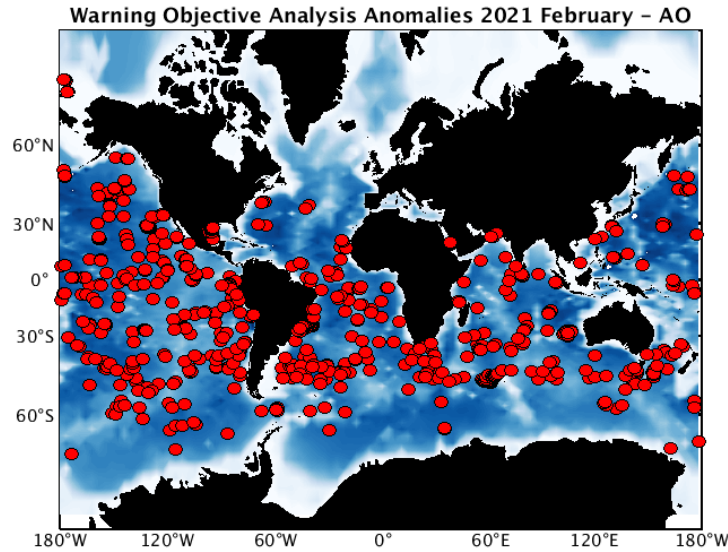


## 4. DAC Anomalies

### 4.1. DAC AOML

Profiles detected by the objective analysis: 836 profiles (320 floats, but floats can have several cycles with anomalies)

Data_mode ='R'	Data_mode ='A'	Data_mode ='D'
378 cycles	342 cycles	116 cycles



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

**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 : 1900959 - Cycle : 100 - PI : CARL SZCZECZOWSKI - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7219 - Date : 2016	4	5
Float : 1900959 - Cycle : 101 - PI : CARL SZCZECZOWSKI - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7219 - Date : 2016	4	9
Float : 1900959 - Cycle : 102 - PI : CARL SZCZECZOWSKI - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7219 - Date : 2016	4	13
Float : 1900959 - Cycle : 103 - PI : CARL SZCZECZOWSKI - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7219 - Date : 2016	4	16
Float : 1900959 - Cycle : 104 - PI : CARL SZCZECZOWSKI - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7219 - Date : 2016	4	20
Float : 1900959 - Cycle : 105 - PI : CARL SZCZECZOWSKI - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7219 - Date : 2016	4	24
Float : 1900959 - Cycle : 75 - PI : CARL SZCZECZOWSKI - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7219 - Date : 2016	1	6
Float : 1900959 - Cycle : 76 - PI : CARL SZCZECZOWSKI - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7219 - Date : 2016	1	10
Float : 1900959 - Cycle : 77 - PI : CARL SZCZECZOWSKI - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7219 - Date : 2016	1	13
Float : 1900959 - Cycle : 78 - PI : CARL SZCZECZOWSKI - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7219 - Date : 2016	1	17
Float : 1900959 - Cycle : 81 - PI : CARL SZCZECZOWSKI - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7219 - Date : 2016	1	28
Float : 1900959 - Cycle : 82 - PI : CARL SZCZECZOWSKI - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7219 - Date : 2016	1	31
Float : 1900959 - Cycle : 83 - PI : CARL SZCZECZOWSKI - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7219 - Date : 2016	2	4
Float : 1900959 - Cycle : 85 - PI : CARL SZCZECZOWSKI - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7219 - Date : 2016	2	11
Float : 1900959 - Cycle : 86 - PI : CARL SZCZECZOWSKI - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7219 - Date : 2016	2	15
Float : 1900959 - Cycle : 87 - PI : CARL SZCZECZOWSKI - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7219 - Date : 2016	2	18
Float : 1900959 - Cycle : 88 - PI : CARL SZCZECZOWSKI - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7219 - Date : 2016	2	22
Float : 1900959 - Cycle : 89 - PI : CARL SZCZECZOWSKI - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7219 - Date : 2016	2	26
Float : 1900959 - Cycle : 90 - PI : CARL SZCZECZOWSKI - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7219 - Date : 2016	2	29
Float : 1900959 - Cycle : 91 - PI : CARL SZCZECZOWSKI - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7219 - Date : 2016	3	4
Float : 1900959 - Cycle : 92 - PI : CARL SZCZECZOWSKI - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7219 - Date : 2016	3	8
Float : 1900959 - Cycle : 93 - PI : CARL SZCZECZOWSKI - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7219 - Date : 2016	3	11
Float : 1900959 - Cycle : 94 - PI : CARL SZCZECZOWSKI - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7219 - Date : 2016	3	15
Float : 1900959 - Cycle : 95 - PI : CARL SZCZECZOWSKI - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7219 - Date : 2016	3	18
Float : 1900959 - Cycle : 96 - PI : CARL SZCZECZOWSKI - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7219 - Date : 2016	3	22
Float : 1900959 - Cycle : 97 - PI : CARL SZCZECZOWSKI - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7219 - Date : 2016	3	26
Float : 1900959 - Cycle : 98 - PI : CARL SZCZECZOWSKI - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7219 - Date : 2016	3	29
Float : 1900959 - Cycle : 99 - PI : CARL SZCZECZOWSKI - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7219 - Date : 2016	4	2
Float : 1901694 - Cycle : 230 - PI : BRECK OWENS, STEVE JAYNE, P.E. ROBBINS - Data mode : R - Platform type : S2A - WMO inst type : 854 - FLOAT SERIAL : 7162 - Date : 2019	10	13
Float : 1901698 - Cycle : 261 - PI : BRECK OWENS, STEVE JAYNE, AND P.E. ROBBINS - Data mode : R - Platform type : S2A - WMO inst type : 854 - FLOAT SERIAL : 7188 - Date : 2020	12	30
Float : 1901712 - Cycle : 245 - PI : BRECK OWENS, STEVE JAYNE, P.E. ROBBINS - Data mode : R - Platform type : S2A - WMO inst type : 854 - FLOAT SERIAL : 7186 - Date : 2020	6	24
Float : 1901714 - Cycle : 240 - PI : BRECK OWENS, STEVEN JAYNE, P.E. ROBBINS - Data mode : R - Platform type : S2A - WMO inst type : 854 - FLOAT SERIAL : 7243 - Date : 2020	11	9















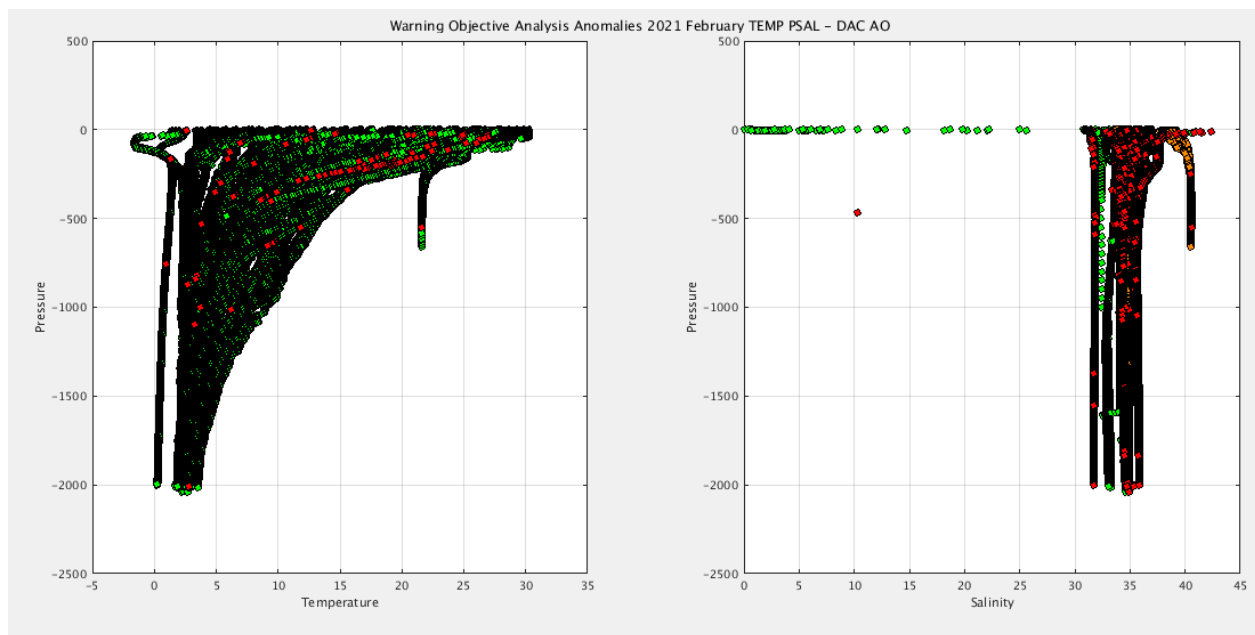








Float : 3901809 - Cycle : 80 - PI : BRECK OWENS, STEVEN JAYNE, P.E. ROBBINS - Data mode : D - Platform type : S2A - WMO inst type : 854 - FLOAT SERIAL : 7412 - Date : 2018 4 14  
 Float : 3901813 - Cycle : 266 - PI : BRECK OWENS, STEVEN JAYNE, P.E. ROBBINS - Data mode : D - Platform type : S2A - WMO inst type : 854 - FLOAT SERIAL : 7416 - Date : 2021 1 25  
 Float : 3901813 - Cycle : 57 - PI : BRECK OWENS, STEVEN JAYNE, P.E. ROBBINS - Data mode : D - Platform type : S2A - WMO inst type : 854 - FLOAT SERIAL : 7416 - Date : 2018 3 25  
 Float : 4902101 - Cycle : 135 - PI : BRECK OWENS, STEVEN JAYNE, P.E. ROBBINS - Data mode : D - Platform type : S2A - WMO inst type : 854 - FLOAT SERIAL : 7298 - Date : 2020 8 7  
 Float : 4902101 - Cycle : 33 - PI : BRECK OWENS, STEVEN JAYNE, P.E. ROBBINS - Data mode : D - Platform type : S2A - WMO inst type : 854 - FLOAT SERIAL : 7298 - Date : 2017 10 30  
 Float : 4902101 - Cycle : 82 - PI : BRECK OWENS, STEVEN JAYNE, P.E. ROBBINS - Data mode : D - Platform type : S2A - WMO inst type : 854 - FLOAT SERIAL : 7298 - Date : 2019 2 28  
 Float : 4902104 - Cycle : 68 - PI : BRECK OWENS, STEVEN JAYNE, P.E. ROBBINS - Data mode : D - Platform type : S2A - WMO inst type : 854 - FLOAT SERIAL : 7306 - Date : 2017 7 29  
 Float : 4902909 - Cycle : 13 - PI : BRECK OWENS, STEVEN JAYNE, P.E. ROBBINS - Data mode : D - Platform type : S2A - WMO inst type : 854 - FLOAT SERIAL : 7406 - Date : 2017 9 16  
 Float : 4903009 - Cycle : 9 - PI : DEAN ROEMMICH - Data mode : D - Platform type : SOLO\_II - WMO inst type : 853 - FLOAT SERIAL : 8641 - Date : 2018 5 7  
 Float : 4903027 - Cycle : 99 - PI : GREGORY C. JOHNSON - Data mode : D - Platform type : NAVIS\_A - WMO inst type : 863 - FLOAT SERIAL : 0899 - Date : 2021 2 2  
 Float : 4903211 - Cycle : 37 - PI : BRECK OWENS, STEVEN JAYNE, P.E. ROBBINS - Data mode : D - Platform type : ALTO - WMO inst type : 873 - FLOAT SERIAL : 11019 - Date : 2020 2 26  
 Float : 4903222 - Cycle : 50 - PI : BRECK OWENS, STEVEN JAYNE, P.E. ROBBINS - Data mode : D - Platform type : ALTO - WMO inst type : 873 - FLOAT SERIAL : 10107 - Date : 2017 7 30  
 Float : 4903247 - Cycle : 36 - PI : WIJFFELS, JAYNE, ROBBINS - Data mode : D - Platform type : ALTO - WMO inst type : 873 - FLOAT SERIAL : 11048 - Date : 2020 7 26  
 Float : 4903247 - Cycle : 7 - PI : WIJFFELS, JAYNE, ROBBINS - Data mode : D - Platform type : ALTO - WMO inst type : 873 - FLOAT SERIAL : 11048 - Date : 2019 10 12  
 Float : 5903982 - Cycle : 172 - PI : STEPHEN RISER - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 6220 - Date : 2017 9 8  
 Float : 5904398 - Cycle : 101 - PI : STEPHEN RISER, - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 6122 - Date : 2017 5 27  
 Float : 5904398 - Cycle : 108 - PI : STEPHEN RISER, - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 6122 - Date : 2017 8 6  
 Float : 5904398 - Cycle : 129 - PI : STEPHEN RISER, - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 6122 - Date : 2018 3 7  
 Float : 5904398 - Cycle : 141 - PI : STEPHEN RISER, - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 6122 - Date : 2018 7 7  
 Float : 5904398 - Cycle : 146 - PI : STEPHEN RISER, - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 6122 - Date : 2018 8 27  
 Float : 5904401 - Cycle : 106 - PI : STEPHEN RISER, - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 6930 - Date : 2017 7 15  
 Float : 5904401 - Cycle : 116 - PI : STEPHEN RISER, - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 6930 - Date : 2017 10 25  
 Float : 5904401 - Cycle : 99 - PI : STEPHEN RISER, - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 6930 - Date : 2017 5 5  
 Float : 5904603 - Cycle : 122 - PI : STEPHEN RISER - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7304 - Date : 2018 8 18  
 Float : 5904853 - Cycle : 47 - PI : STEPHEN RISER, - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7750 - Date : 2017 7 23  
 Float : 5905103 - Cycle : 20 - PI : STEPHEN RISER, KENNETH JOHNSON - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7704 - Date : 2018 8 25  
 Float : 5905136 - Cycle : 12 - PI : STEPHEN RISER, - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7892 - Date : 2018 1 7  
 Float : 5905240 - Cycle : 17 - PI : DEAN ROEMMICH - Data mode : D - Platform type : SOLO\_II - WMO inst type : 853 - FLOAT SERIAL : 8558 - Date : 2018 1 10  
 Float : 5905247 - Cycle : 22 - PI : DEAN ROEMMICH - Data mode : D - Platform type : SOLO\_II - WMO inst type : 853 - FLOAT SERIAL : 8554 - Date : 2018 4 27  
 Float : 5905266 - Cycle : 15 - PI : PHIL SUTTON - Data mode : D - Platform type : SOLO\_II - WMO inst type : 853 - FLOAT SERIAL : 8599 - Date : 2018 4 6  
 Float : 5905732 - Cycle : 101 - PI : GREGORY C. JOHNSON - Data mode : D - Platform type : NAVIS\_A - WMO inst type : 863 - FLOAT SERIAL : 0873 - Date : 2021 1 30  
 Float : 5905743 - Cycle : 95 - PI : GREGORY C. JOHNSON - Data mode : D - Platform type : NAVIS\_A - WMO inst type : 863 - FLOAT SERIAL : 0938 - Date : 2021 1 30  
 Float : 5905743 - Cycle : 96 - PI : GREGORY C. JOHNSON - Data mode : D - Platform type : NAVIS\_A - WMO inst type : 863 - FLOAT SERIAL : 0938 - Date : 2021 2 9

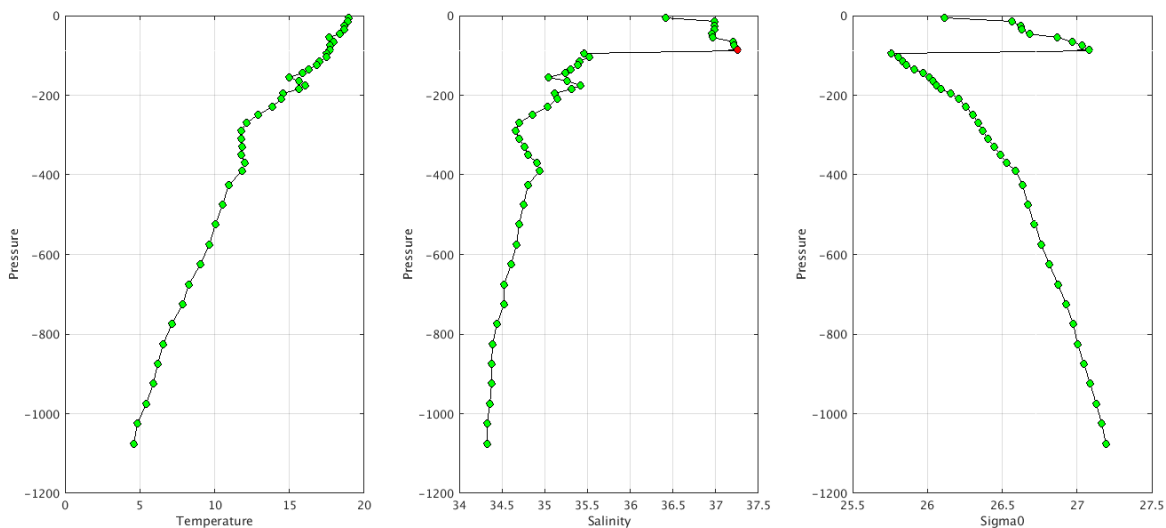


Plot for the 220 first profiles.

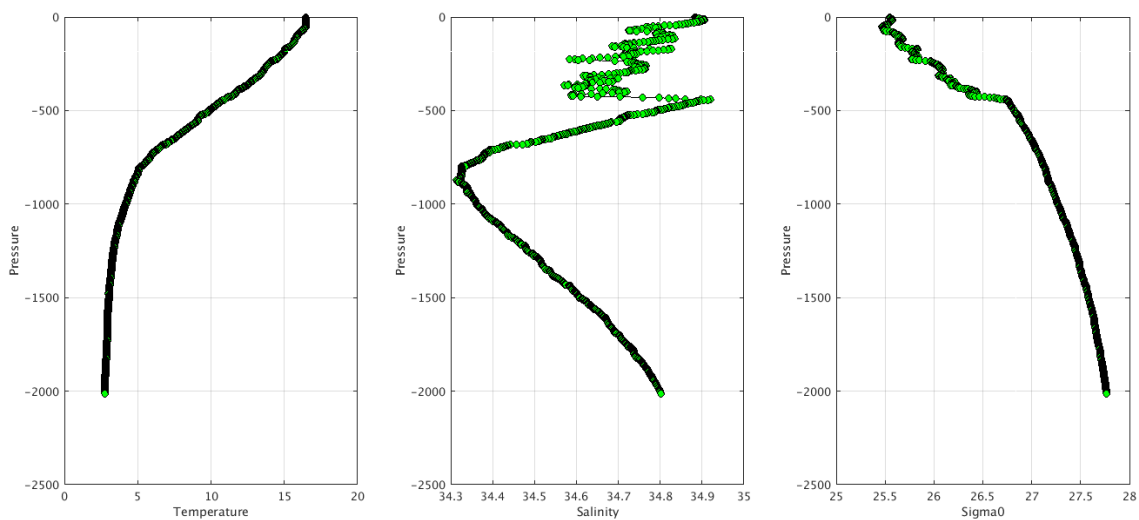
The list of the anomalies can be found at <https://data-argo.ifremer.fr/etc/ObjectiveAnalysisWarning/aoml/>

Example of anomalies:

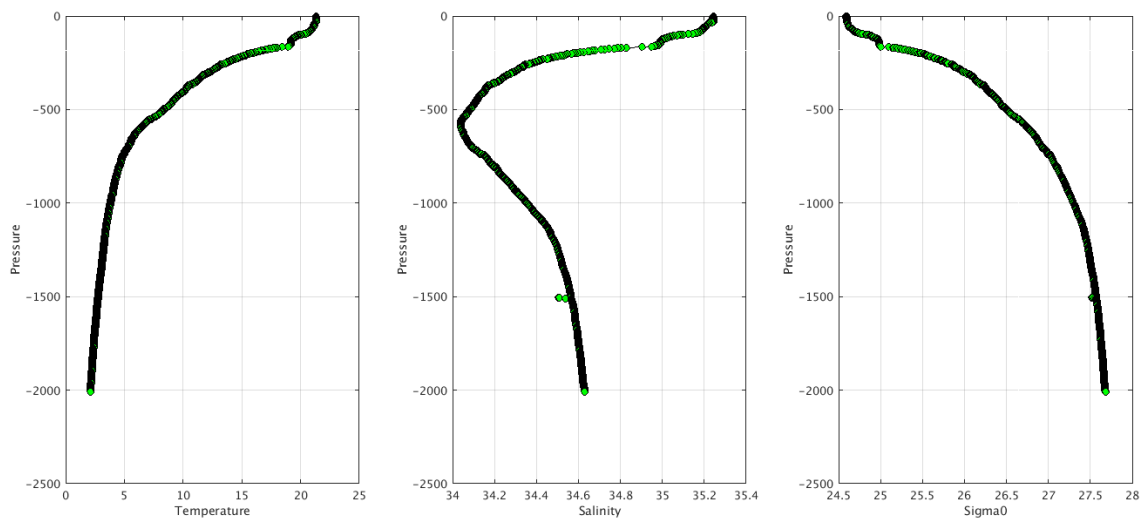
Warning Objective Analysis Anomalies 2021 February TEMP PSAL : DAC AO- Float 1900201 - 62



Warning Objective Analysis Anomalies 2021 February TEMP PSAL : DAC AO- Float 1901819 - 155



Warning Objective Analysis Anomalies 2021 February TEMP PSAL : DAC AO- Float 4903019 - 64



**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 SZCZECOWSKI - **Float 6900376 cycle 44 to cycle 92 – cycle 98 to 128 – cycle 131 to 135**

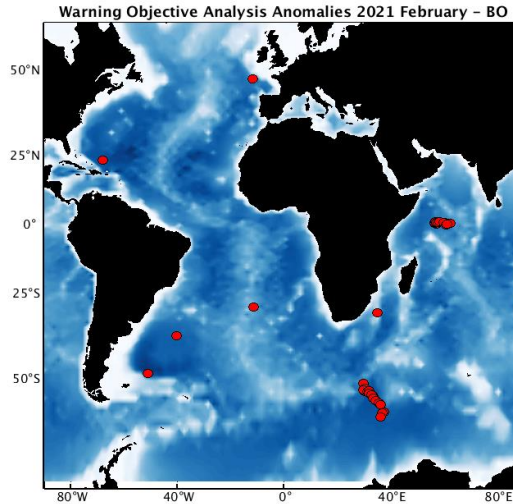
For instance cycle 92 PSAL\_ADJUSTED\_ERROR = 2011706.750, 2010896.625, 2012649.000, 2023217.000,



## 4.2. DAC BODC

Profiles detected by the objective analysis: 37 profiles (8 floats, but floats can have several cycles with anomalies)

Data_mode ='R'	Data_mode ='A'	Data_mode ='D'
3 cycles	0 cycle	34 cycles



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

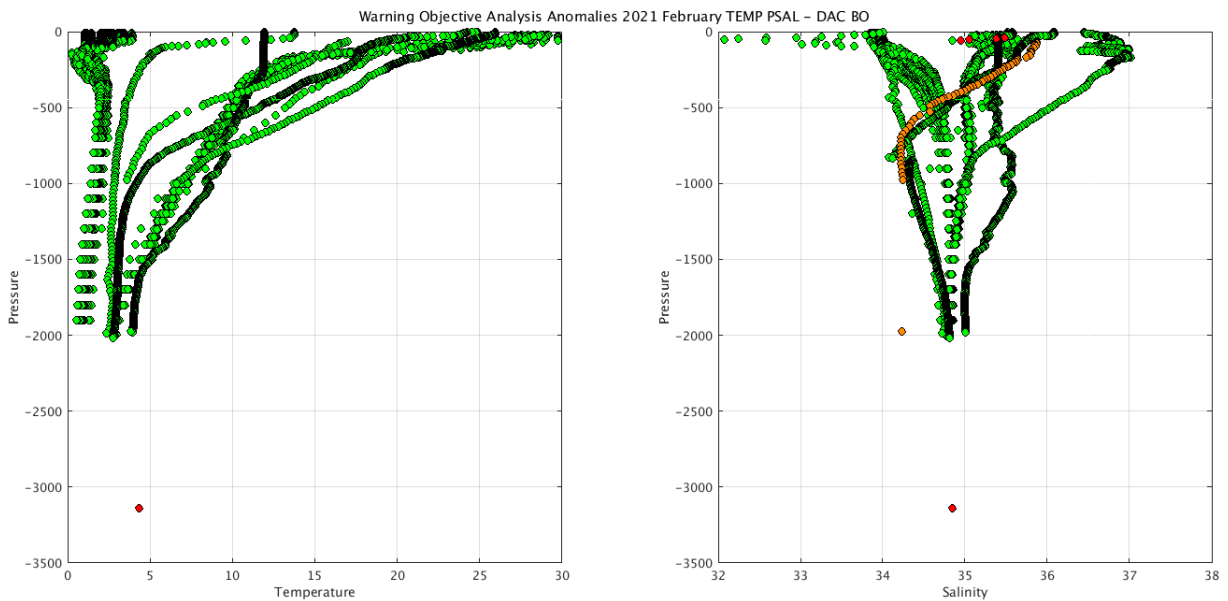
### Files data\_mode='R' / 'A'

Float : 3901938 - Cycle : 122 - PI : Romain Cancouet - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : AI2600-16FR081 - Date : 2021 1 30  
 Float : 3901943 - Cycle : 125 - PI : Romain Cancouet - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : AI2600-16FR086 - Date : 2021 2 13  
 Float : 3902402 - Cycle : 47 - PI : Jon Turton - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 8477 - Date : 2021 2 21

### Files data\_mode='D'

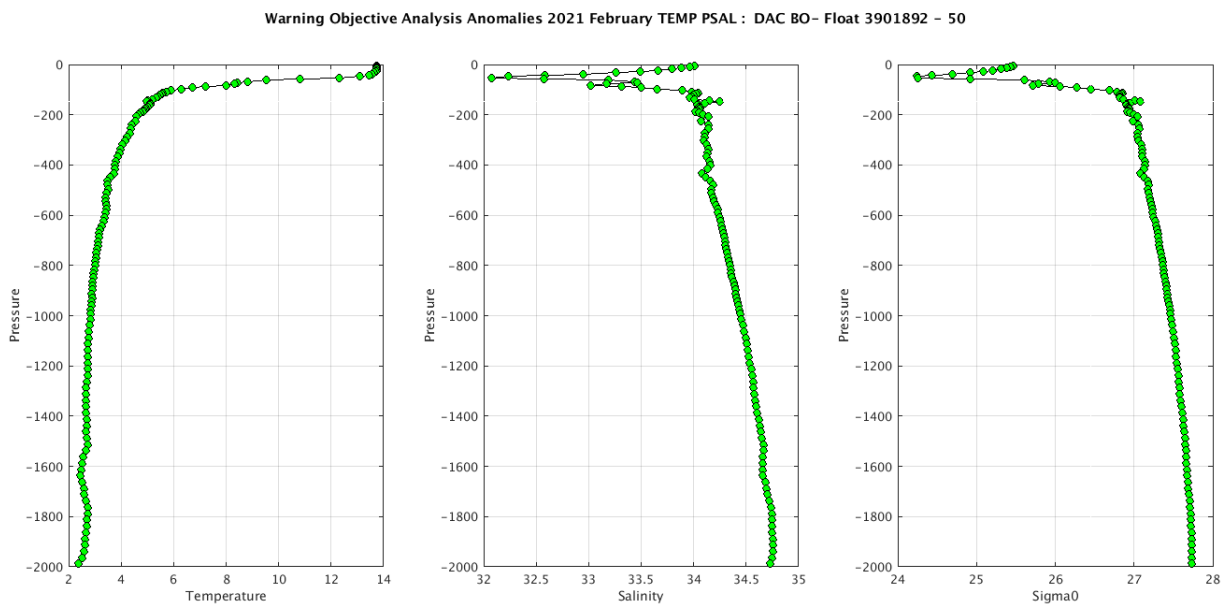
Float : 1901300 - Cycle : 179 - PI : Jon Turton - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 5590 - Date : 2018 2 3  
 Float : 1901305 - Cycle : 209 - PI : Jon Turton - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 6242 - Date : 2018 12 4  
 Float : 1901305 - Cycle : 210 - PI : Jon Turton - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 6242 - Date : 2018 12 14  
 Float : 1901305 - Cycle : 211 - PI : Jon Turton - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 6242 - Date : 2018 12 24  
 Float : 1901305 - Cycle : 212 - PI : Jon Turton - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 6242 - Date : 2019 1 3  
 Float : 1901305 - Cycle : 213 - PI : Jon Turton - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 6242 - Date : 2019 1 13  
 Float : 1901305 - Cycle : 215 - PI : Jon Turton - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 6242 - Date : 2019 2 2  
 Float : 1901305 - Cycle : 216 - PI : Jon Turton - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 6242 - Date : 2019 2 12  
 Float : 1901305 - Cycle : 217 - PI : Jon Turton - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 6242 - Date : 2019 2 22  
 Float : 1901305 - Cycle : 218 - PI : Jon Turton - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 6242 - Date : 2019 3 4  
 Float : 1901305 - Cycle : 219 - PI : Jon Turton - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 6242 - Date : 2019 3 14  
 Float : 1901305 - Cycle : 220 - PI : Jon Turton - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 6242 - Date : 2019 3 24  
 Float : 1901305 - Cycle : 221 - PI : Jon Turton - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 6242 - Date : 2019 4 3  
 Float : 1901305 - Cycle : 222 - PI : Jon Turton - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 6242 - Date : 2019 4 13  
 Float : 1901305 - Cycle : 223 - PI : Jon Turton - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 6242 - Date : 2019 4 23  
 Float : 1901305 - Cycle : 224 - PI : Jon Turton - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 6242 - Date : 2019 5 3  
 Float : 1901305 - Cycle : 225 - PI : Jon Turton - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 6242 - Date : 2019 5 13  
 Float : 1901305 - Cycle : 226 - PI : Jon Turton - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 6242 - Date : 2019 5 23  
 Float : 1901907 - Cycle : 1 - PI : Jon Turton - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 5601 - Date : 2018 5 23  
 Float : 1901907 - Cycle : 2 - PI : Jon Turton - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 5601 - Date : 2018 6 2  
 Float : 1901907 - Cycle : 3 - PI : Jon Turton - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 5601 - Date : 2018 6 12  
 Float : 1901907 - Cycle : 4 - PI : Jon Turton - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 5601 - Date : 2018 6 22  
 Float : 1901907 - Cycle : 5 - PI : Jon Turton - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 5601 - Date : 2018 7 2  
 Float : 1901907 - Cycle : 6 - PI : Jon Turton - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 5601 - Date : 2018 7 12  
 Float : 1901907 - Cycle : 7 - PI : Jon Turton - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 5601 - Date : 2018 7 22  
 Float : 1901907 - Cycle : 8 - PI : Jon Turton - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 5601 - Date : 2018 8 1  
 Float : 1901907 - Cycle : 9 - PI : Jon Turton - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 5601 - Date : 2018 8 11

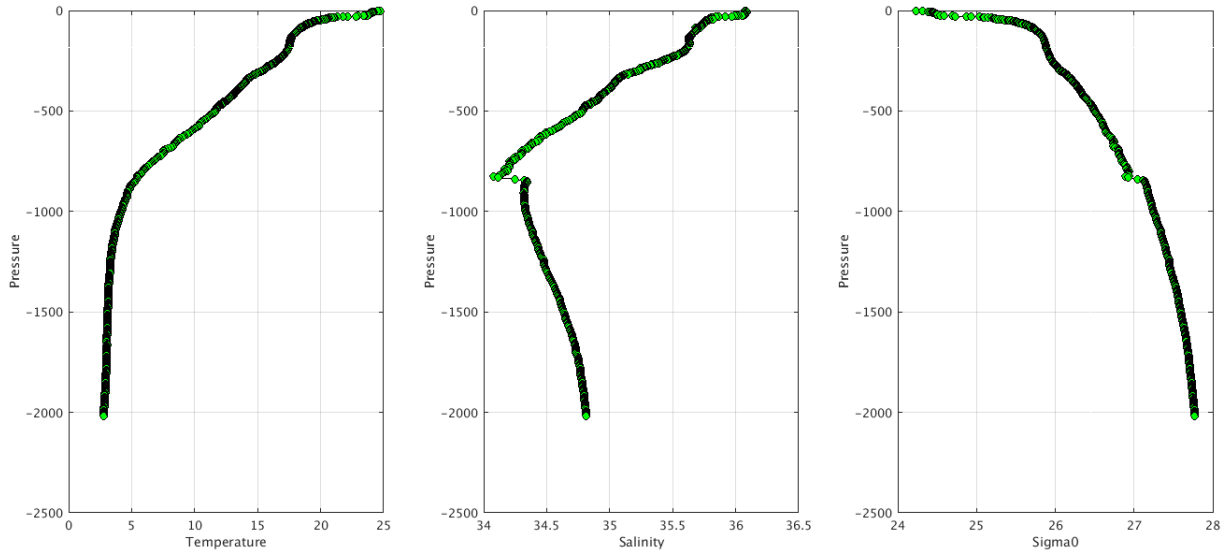
Float : 1901907 - Cycle : 10 - PI : Jon Turton - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 5601 - Date : 2018 8 21  
 Float : 1901907 - Cycle : 11 - PI : Jon Turton - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 5601 - Date : 2018 8 31  
 Float : 1901907 - Cycle : 21 - PI : Jon Turton - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 5601 - Date : 2018 12 9  
 Float : 1901907 - Cycle : 22 - PI : Jon Turton - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 5601 - Date : 2018 12 19  
 Float : 1901907 - Cycle : 23 - PI : Jon Turton - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 5601 - Date : 2018 12 29  
 Float : 3901892 - Cycle : 50 - PI : Josep Llus Pelegr - Data mode : D - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : AI2600-16FR055 - Date : 2018 3 1  
 Float : 6901182 - Cycle : 110 - PI : Giorgio Dall'Olmo - Data mode : D - Platform type : PROVOR\_III - WMO inst type : 836 - FLOAT SERIAL : OIN14EN-S4-04 - Date : 2017 5 18



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)

```

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

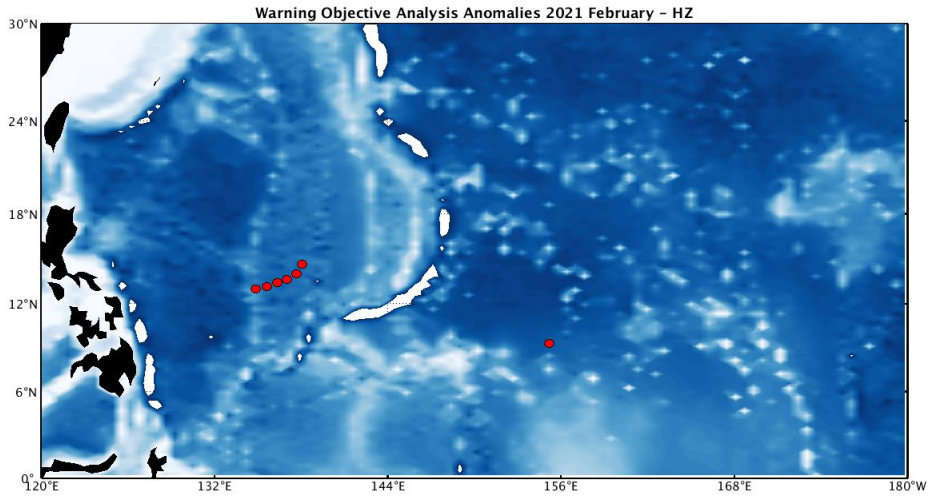
- Mix between RT and DM files: Float 6901181 ex below DM files till cycle 367 but a lot of old cycle in RT (1D, 2D, 3, 3D, 4, ....)

- D6901181\_354.nc
- D6901181\_355.nc
- D6901181\_356.nc
- D6901181\_357.nc
- D6901181\_358.nc
- D6901181\_359.nc
- D6901181\_360.nc
- D6901181\_361.nc
- D6901181\_362.nc
- D6901181\_363.nc
- D6901181\_364.nc
- D6901181\_365.nc
- D6901181\_366.nc
- D6901181\_367.nc
- R6901181\_001D.nc
- R6901181\_002D.nc
- R6901181\_003.nc
- R6901181\_003D.nc
- R6901181\_004.nc
- R6901181\_004D.nc
- R6901181\_005D.nc
- R6901181\_006D.nc
- R6901181\_007D.nc
- R6901181\_008.nc
- R6901181\_008D.nc
- R6901181\_009D.nc
- R6901181\_010.nc
- R6901181\_010D.nc
- R6901181\_011.nc
- R6901181\_011D.nc
- R6901181\_012.nc

### 4.3. DAC CSIO

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

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



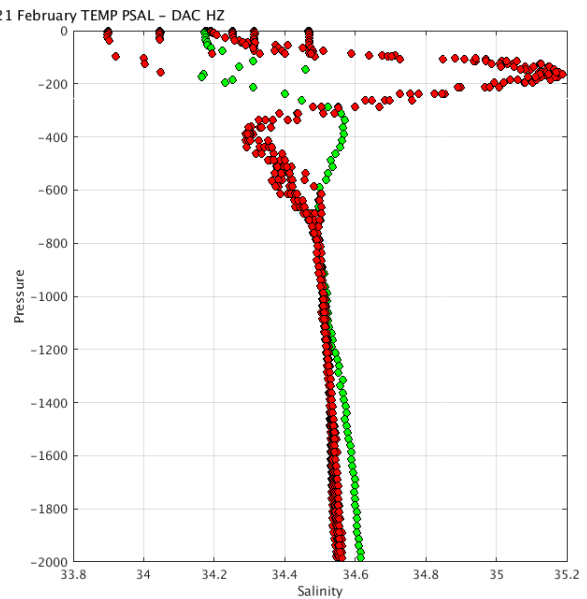
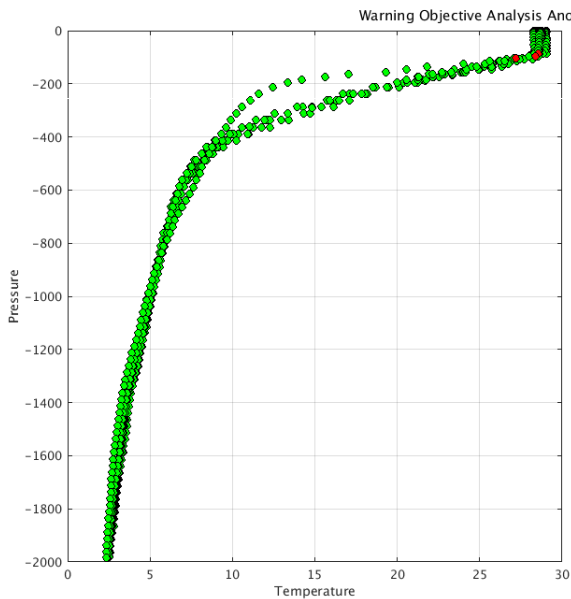
**Status of corrections: No regular feedback, corrections not always done. Feedback for DM profiles.**

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

Float : 2902803 - Cycle : 3 - PI : FENG ZHOU - Data mode : A - Platform type : PROVOR - WMO inst type : 841 - FLOAT SERIAL : P32800-20CH021 - Date : 2021 2 6

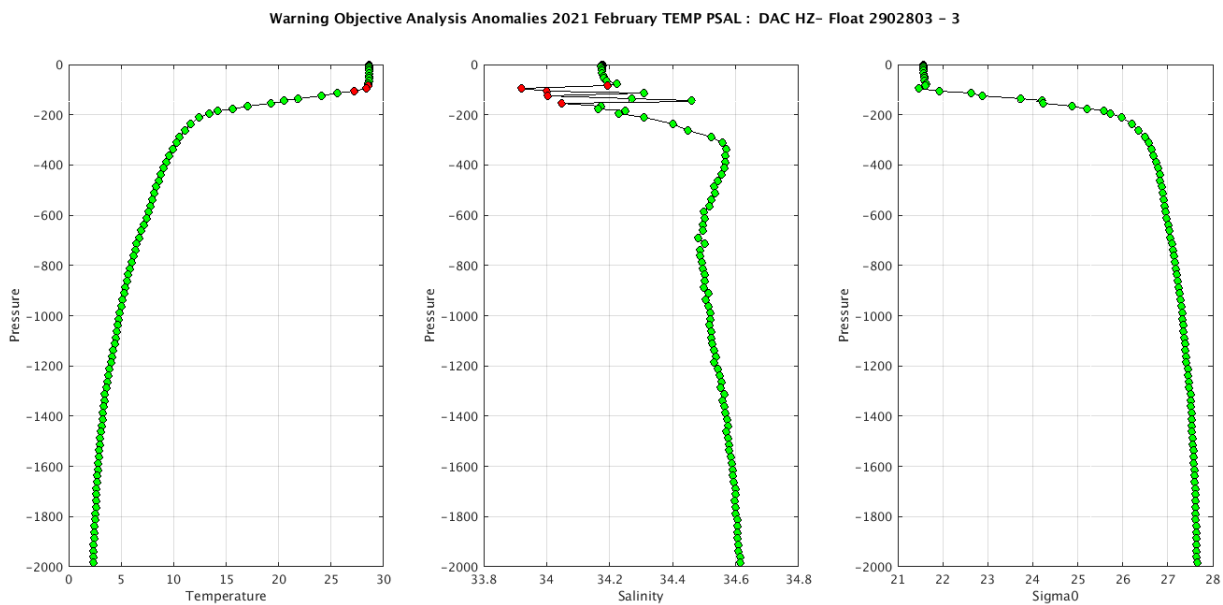
**Files data\_mode='D'**

- Float : 2902554 - Cycle : 213 - PI : ZENGHONG LIU - Data mode : D - Platform type : PROVOR - WMO inst type : 841 - FLOAT SERIAL : OIN-11CH-S31-17 - Date : 2017 12 21
- Float : 2902554 - Cycle : 214 - PI : ZENGHONG LIU - Data mode : D - Platform type : PROVOR - WMO inst type : 841 - FLOAT SERIAL : OIN-11CH-S31-17 - Date : 2017 12 31
- Float : 2902554 - Cycle : 215 - PI : ZENGHONG LIU - Data mode : D - Platform type : PROVOR - WMO inst type : 841 - FLOAT SERIAL : OIN-11CH-S31-17 - Date : 2018 1 10
- Float : 2902554 - Cycle : 216 - PI : ZENGHONG LIU - Data mode : D - Platform type : PROVOR - WMO inst type : 841 - FLOAT SERIAL : OIN-11CH-S31-17 - Date : 2018 1 20
- Float : 2902554 - Cycle : 217 - PI : ZENGHONG LIU - Data mode : D - Platform type : PROVOR - WMO inst type : 841 - FLOAT SERIAL : OIN-11CH-S31-17 - Date : 2018 1 30
- Float : 2902554 - Cycle : 218 - PI : ZENGHONG LIU - Data mode : D - Platform type : PROVOR - WMO inst type : 841 - FLOAT SERIAL : OIN-11CH-S31-17 - Date : 2018 2 9



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

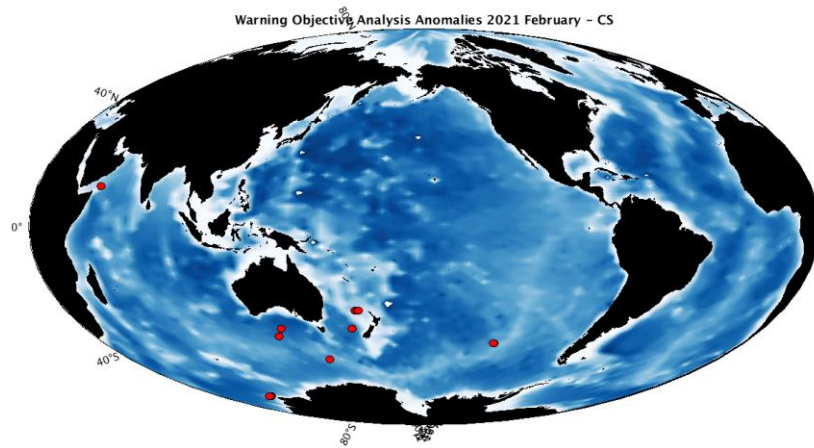
Example of anomalies:



#### 4.4. DAC CSIRO

Profiles detected by the objective analysis: 17 profiles (8 floats, but floats can have several cycles with anomalies)

Data_mode ='R'	Data_mode ='A'	Data_mode ='D'
0 cycle	12 cycles	5 cycles



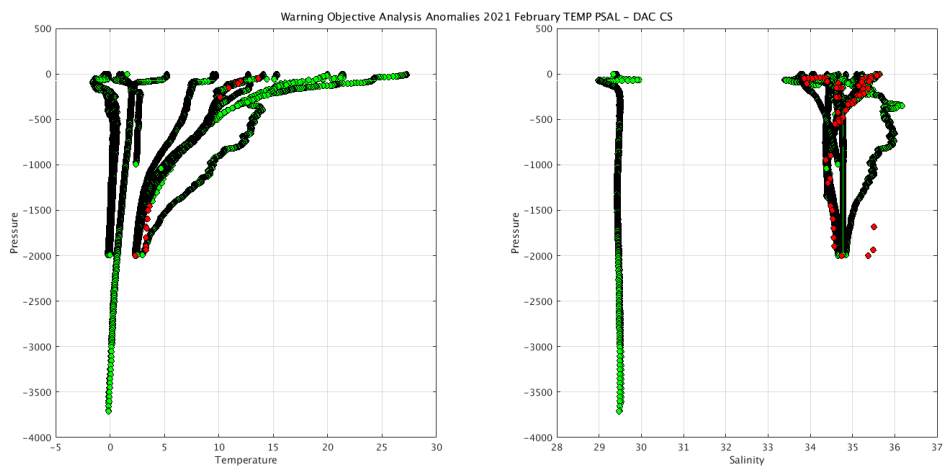
**Status of corrections: Corrections done or in progress, regular feedback.**

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

Float : 5905003 - Cycle : 193 - PI : Susan Wijffels - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7414 - Date : 2021 2 8  
 Float : 5905003 - Cycle : 194 - PI : Susan Wijffels - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7414 - Date : 2021 2 18  
 Float : 5905183 - Cycle : 157 - PI : Susan Wijffels - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7608 - Date : 2021 2 16  
 Float : 5905190 - Cycle : 153 - PI : Susan Wijffels - Data mode : A - Platform type : NAVIS\_EBR - WMO inst type : 869 - FLOAT SERIAL : 633 - Date : 2021 2 13  
 Float : 5906624 - Cycle : 41 - PI : Philip Boyd - Data mode : A - Platform type : PROVOR\_V - WMO inst type : 834 - FLOAT SERIAL : P53435-20AU002 - Date : 2021 2 8  
 Float : 7900624 - Cycle : 155 - PI : Steve Rintoul - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7734 - Date : 2021 1 28  
 Float : 7900624 - Cycle : 156 - PI : Steve Rintoul - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7734 - Date : 2021 2 7  
 Float : 7900624 - Cycle : 157 - PI : Steve Rintoul - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7734 - Date : 2021 2 17  
 Float : 7900636 - Cycle : 92 - PI : Steve Rintoul - Data mode : A - Platform type : SOLO\_D\_MRV - WMO inst type : 874 - FLOAT SERIAL : 12007 - Date : 2021 1 25  
 Float : 7900636 - Cycle : 93 - PI : Steve Rintoul - Data mode : A - Platform type : SOLO\_D\_MRV - WMO inst type : 874 - FLOAT SERIAL : 12007 - Date : 2021 2 4  
 Float : 7900636 - Cycle : 94 - PI : Steve Rintoul - Data mode : A - Platform type : SOLO\_D\_MRV - WMO inst type : 874 - FLOAT SERIAL : 12007 - Date : 2021 2 5  
 Float : 7900636 - Cycle : 95 - PI : Steve Rintoul - Data mode : A - Platform type : SOLO\_D\_MRV - WMO inst type : 874 - FLOAT SERIAL : 12007 - Date : 2021 2 15

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

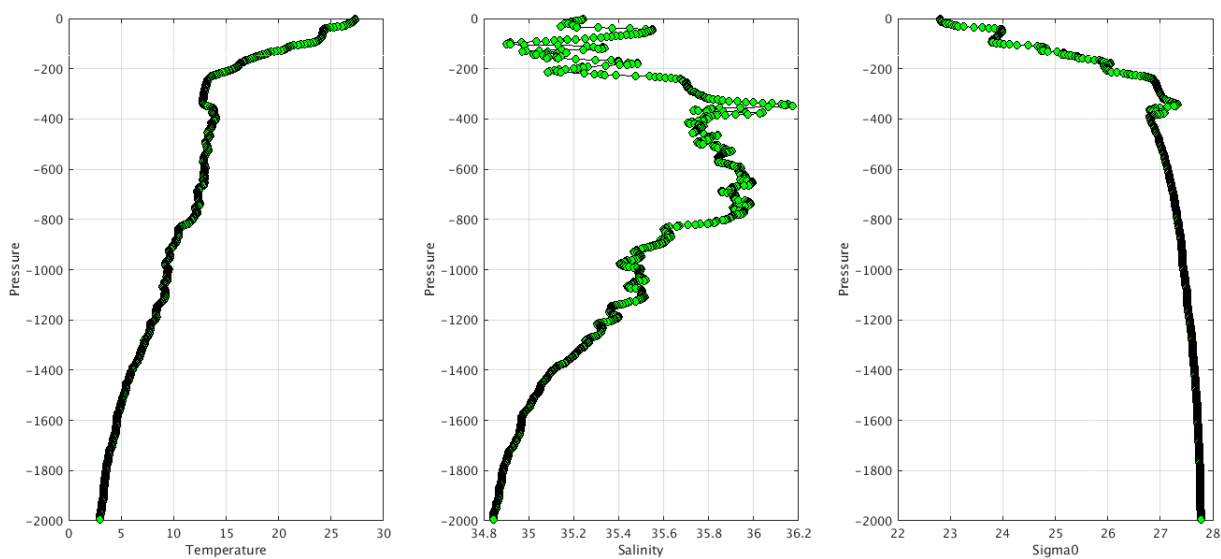
Float : 2901853 - Cycle : 168 - PI : Susan Wijffels - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 5932 - Date : 2018 3 23  
 Float : 5901659 - Cycle : 359 - PI : Susan Wijffels - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 3709 - Date : 2018 2 4  
 Float : 5901659 - Cycle : 363 - PI : Susan Wijffels - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 3709 - Date : 2018 3 17  
 Float : 5901659 - Cycle : 368 - PI : Susan Wijffels - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 3709 - Date : 2018 5 6  
 Float : 5903238 - Cycle : 282 - PI : Susan Wijffels - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 4699 - Date : 2017 8 12



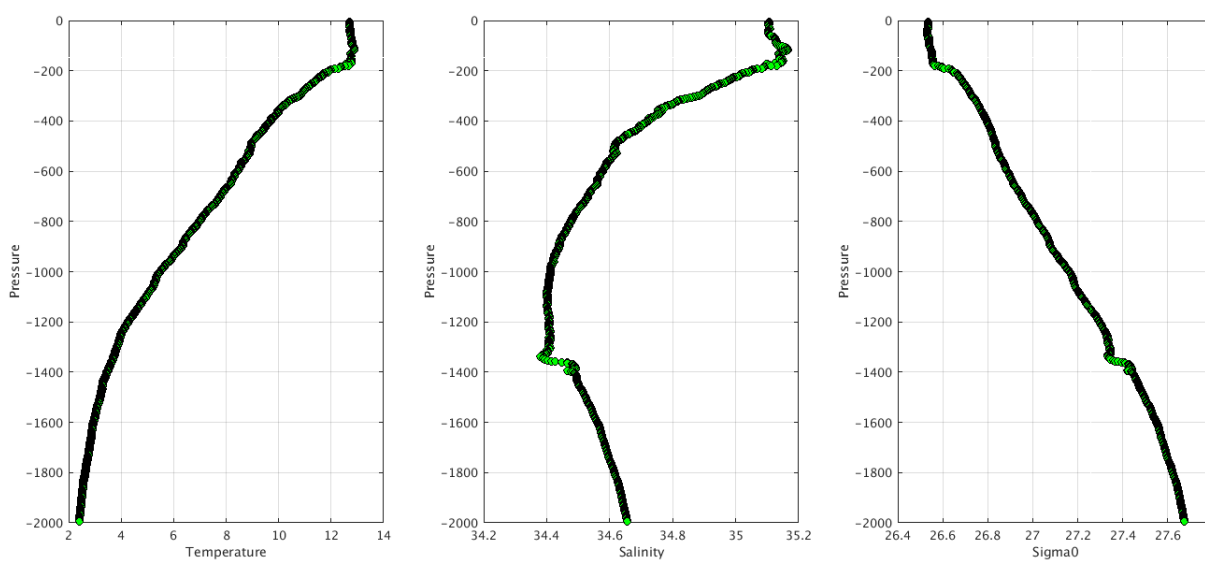
The list of the anomalies can be found at <https://data-argo.ifremer.fr/etc/ObjectiveAnalysisWarning/csiro/>

Example of anomalies:

Warning Objective Analysis Anomalies 2021 February TEMP PSAL : DAC CS- Float 2901853 - 168



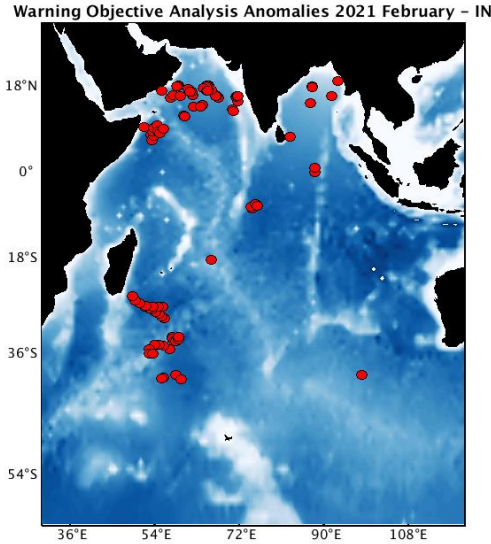
Warning Objective Analysis Anomalies 2021 February TEMP PSAL : DAC CS- Float 5903238 - 282



#### 4.5. DAC INCOIS

Profiles detected by the objective analysis: 98 profiles (31 floats, but floats can have several cycles with anomalies)

Data_mode ='R'	Data_mode ='A'	Data_mode ='D'
64 cycles	34 cycles	0 cycle



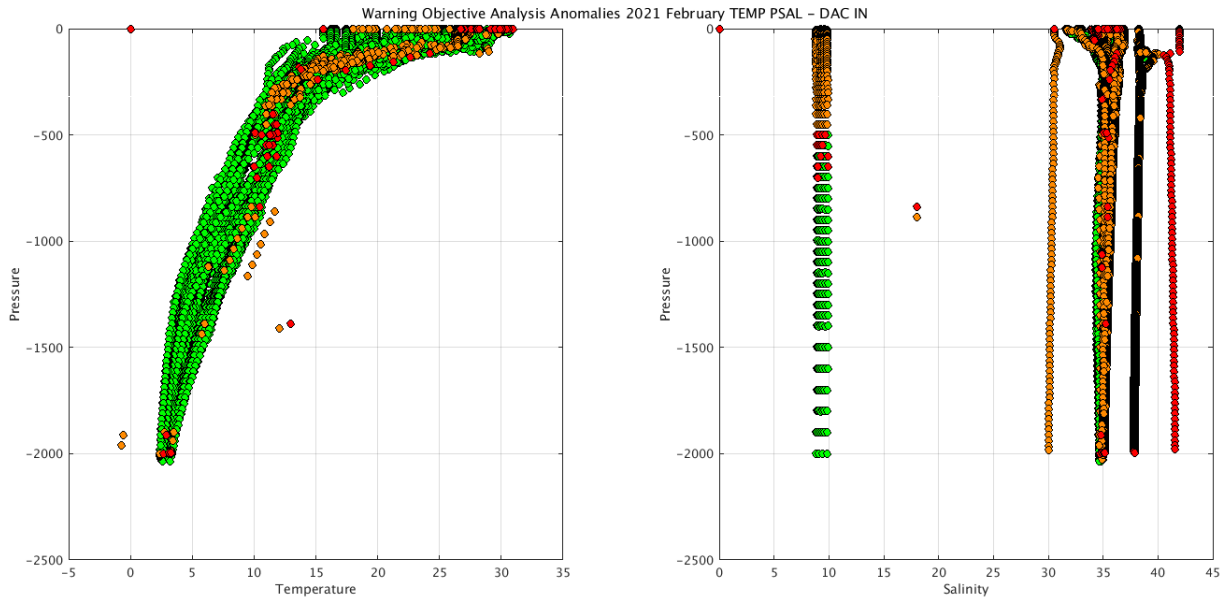
**Status of corrections: Corrections done or in progress, some feedbacks**

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

Float : 2902160 - Cycle : 193 - PI : M Ravichandran - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7129 - Date : 2017	6	22
Float : 2902174 - Cycle : 278 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7124 - Date : 2018	2	17
Float : 2902181 - Cycle : 203 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7114 - Date : 2021	2	12
Float : 2902185 - Cycle : 194 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7530 - Date : 2021	2	7
Float : 2902185 - Cycle : 195 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7530 - Date : 2021	2	17
Float : 2902189 - Cycle : 173 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7555 - Date : 2018	4	30
Float : 2902195 - Cycle : 141 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7557 - Date : 2017	12	7
Float : 2902199 - Cycle : 229 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7552 - Date : 2021	1	3
Float : 2902199 - Cycle : 231 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7552 - Date : 2021	1	23
Float : 2902199 - Cycle : 232 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7552 - Date : 2021	2	1
Float : 2902199 - Cycle : 233 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7552 - Date : 2021	2	11
Float : 2902199 - Cycle : 234 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7552 - Date : 2021	2	21
Float : 2902201 - Cycle : 180 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7542 - Date : 2021	1	30
Float : 2902201 - Cycle : 181 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7542 - Date : 2021	2	9
Float : 2902201 - Cycle : 182 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7542 - Date : 2021	2	19
Float : 2902205 - Cycle : 267 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7549 - Date : 2020	12	8
Float : 2902205 - Cycle : 271 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7549 - Date : 2021	1	17
Float : 2902209 - Cycle : 141 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7826 - Date : 2020	7	4
Float : 2902209 - Cycle : 157 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7826 - Date : 2020	12	7
Float : 2902209 - Cycle : 158 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7826 - Date : 2020	12	17
Float : 2902209 - Cycle : 159 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7826 - Date : 2020	12	27
Float : 2902209 - Cycle : 160 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7826 - Date : 2021	1	6
Float : 2902209 - Cycle : 161 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7826 - Date : 2021	1	16
Float : 2902209 - Cycle : 162 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7826 - Date : 2021	1	26
Float : 2902209 - Cycle : 163 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7826 - Date : 2021	2	5
Float : 2902209 - Cycle : 164 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7826 - Date : 2021	2	14
Float : 2902209 - Cycle : 165 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7826 - Date : 2021	2	24
Float : 2902211 - Cycle : 192 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7827 - Date : 2020	12	18
Float : 2902211 - Cycle : 194 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7827 - Date : 2021	1	7
Float : 2902211 - Cycle : 197 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7827 - Date : 2021	2	6
Float : 2902211 - Cycle : 198 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7827 - Date : 2021	2	16
Float : 2902230 - Cycle : 350 - PI : M Ravichandran - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 17003 - Date : 2020	12	19
Float : 2902236 - Cycle : 266 - PI : M Ravichandran - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 17008 - Date : 2021	2	8
Float : 2902236 - Cycle : 267 - PI : M Ravichandran - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 17008 - Date : 2021	2	13
Float : 2902236 - Cycle : 268 - PI : M Ravichandran - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 17008 - Date : 2021	2	18
Float : 2902236 - Cycle : 269 - PI : M Ravichandran - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 17008 - Date : 2021	2	23
Float : 2902250 - Cycle : 79 - PI : M Ravichandran - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 17105 - Date : 2020	3	27
Float : 2902254 - Cycle : 107 - PI : M Ravichandran - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 17107 - Date : 2020	5	19

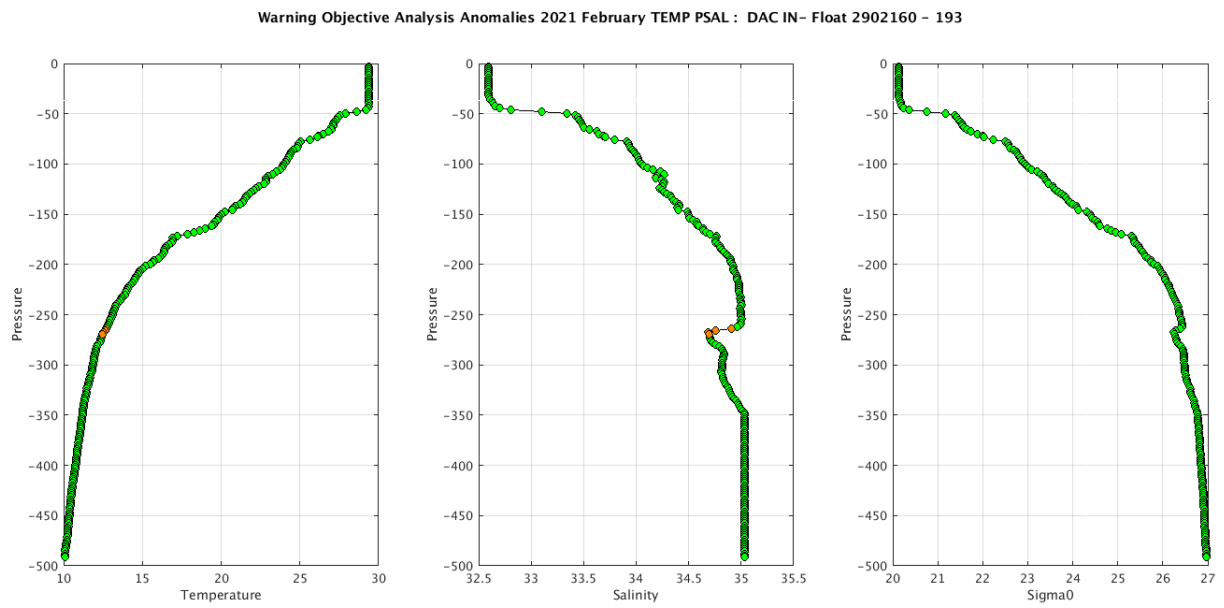


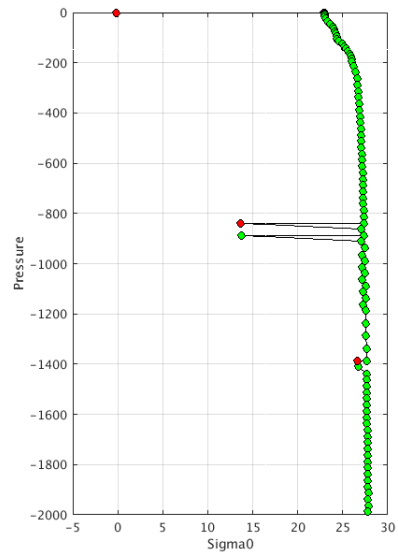
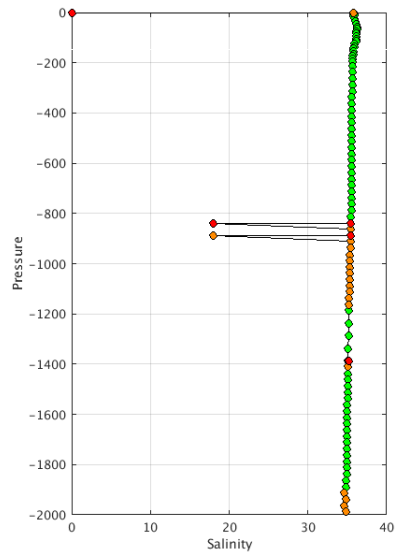
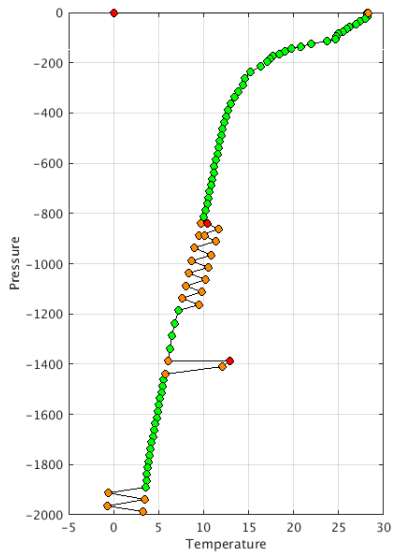




The list of the anomalies can be found at <https://data-argo.ifremer.fr/etc/ObjectiveAnalysisWarning/incois/>

Example of anomalies:

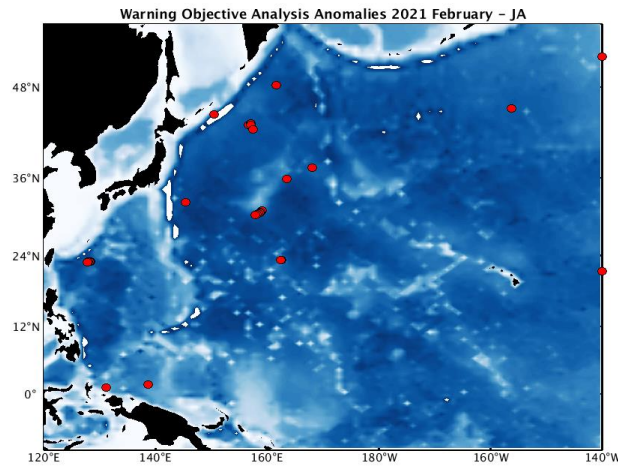




#### 4.6. DAC JMA/JAMSTEC

Profiles detected by the objective analysis: 29 profiles (14 floats, but floats can have several cycles with anomalies)

Data_mode ='R'	Data_mode ='A'	Data_mode ='D'
7 cycles	16 cycles	6 cycles



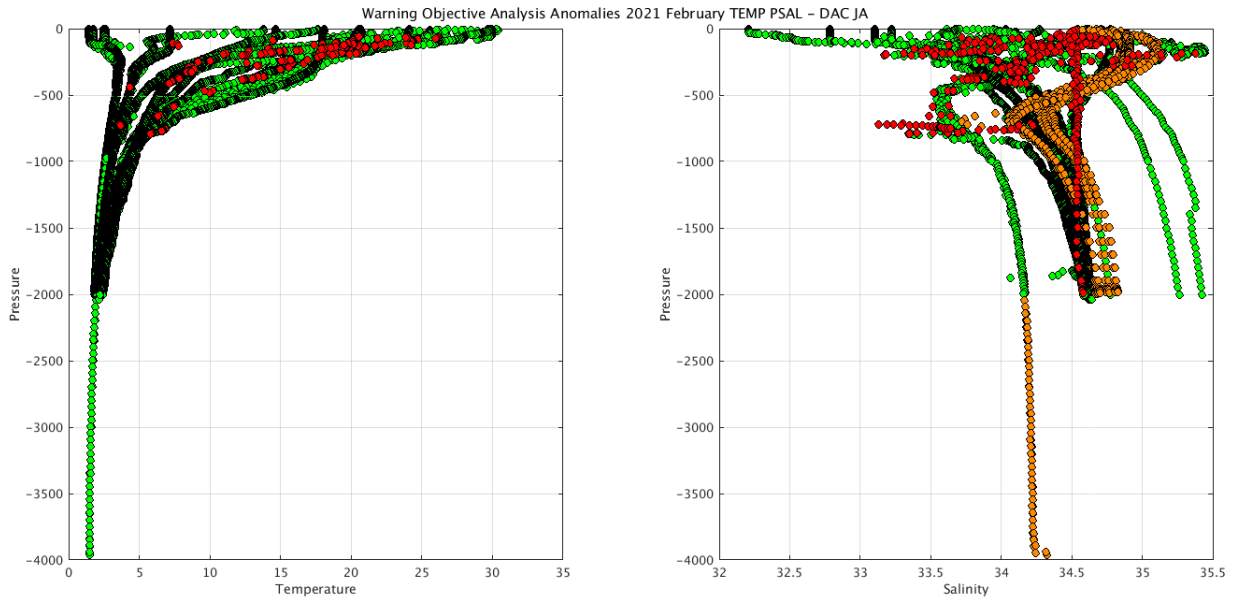
**Status of corrections: Correction in progress, feedbacks each month**

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

Float : 2903210 - Cycle : 212 - PI : JAMSTEC - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7884 - Date : 2020	4	16
Float : 2903212 - Cycle : 113 - PI : JAMSTEC - Data mode : R - Platform type : APEX_D - WMO inst type : 849 - FLOAT SERIAL : 29 - Date : 2021	2	3
Float : 2903212 - Cycle : 114 - PI : JAMSTEC - Data mode : R - Platform type : APEX_D - WMO inst type : 849 - FLOAT SERIAL : 29 - Date : 2021	2	12
Float : 2903212 - Cycle : 115 - PI : JAMSTEC - Data mode : R - Platform type : APEX_D - WMO inst type : 849 - FLOAT SERIAL : 29 - Date : 2021	2	21
Float : 2903361 - Cycle : 140 - PI : JMA - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : AK1000-18JP001 - Date : 2021	2	12
Float : 2903361 - Cycle : 141 - PI : JMA - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : AK1000-18JP001 - Date : 2021	2	17
Float : 2903361 - Cycle : 142 - PI : JMA - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : AK1000-18JP001 - Date : 2021	2	22
Float : 2903365 - Cycle : 90 - PI : JMA - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 8547 - Date : 2020	7	16
Float : 2903365 - Cycle : 91 - PI : JMA - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 8547 - Date : 2020	7	21
Float : 2903365 - Cycle : 92 - PI : JMA - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 8547 - Date : 2020	7	26
Float : 2903365 - Cycle : 93 - PI : JMA - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 8547 - Date : 2020	7	31
Float : 2903370 - Cycle : 78 - PI : JMA - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 8552 - Date : 2020	7	17
Float : 2903370 - Cycle : 79 - PI : JMA - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 8552 - Date : 2020	7	22
Float : 2903370 - Cycle : 80 - PI : JMA - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 8552 - Date : 2020	7	27
Float : 2903370 - Cycle : 81 - PI : JMA - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 8552 - Date : 2020	8	1
Float : 2903370 - Cycle : 82 - PI : JMA - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 8552 - Date : 2020	8	6
Float : 2903370 - Cycle : 83 - PI : JMA - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 8552 - Date : 2020	8	11
Float : 2903379 - Cycle : 59 - PI : JMA - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 8561 - Date : 2020	7	3
Float : 2903394 - Cycle : 84 - PI : JAMSTEC - Data mode : A - Platform type : NAVIS_A - WMO inst type : 863 - FLOAT SERIAL : 0951 - Date : 2020	5	27
Float : 2903395 - Cycle : 62 - PI : JAMSTEC - Data mode : A - Platform type : NAVIS_A - WMO inst type : 863 - FLOAT SERIAL : 0952 - Date : 2020	2	7
Float : 2903632 - Cycle : 21 - PI : Yoichi Tanimoto - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 8902 - Date : 2020	4	20
Float : 4902361 - Cycle : 164 - PI : JAMSTEC - Data mode : A - Platform type : NAVIS_A - WMO inst type : 863 - FLOAT SERIAL : 0575 - Date : 2020	8	21
Float : 4902380 - Cycle : 91 - PI : JAMSTEC - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 8264 - Date : 2021	1	30

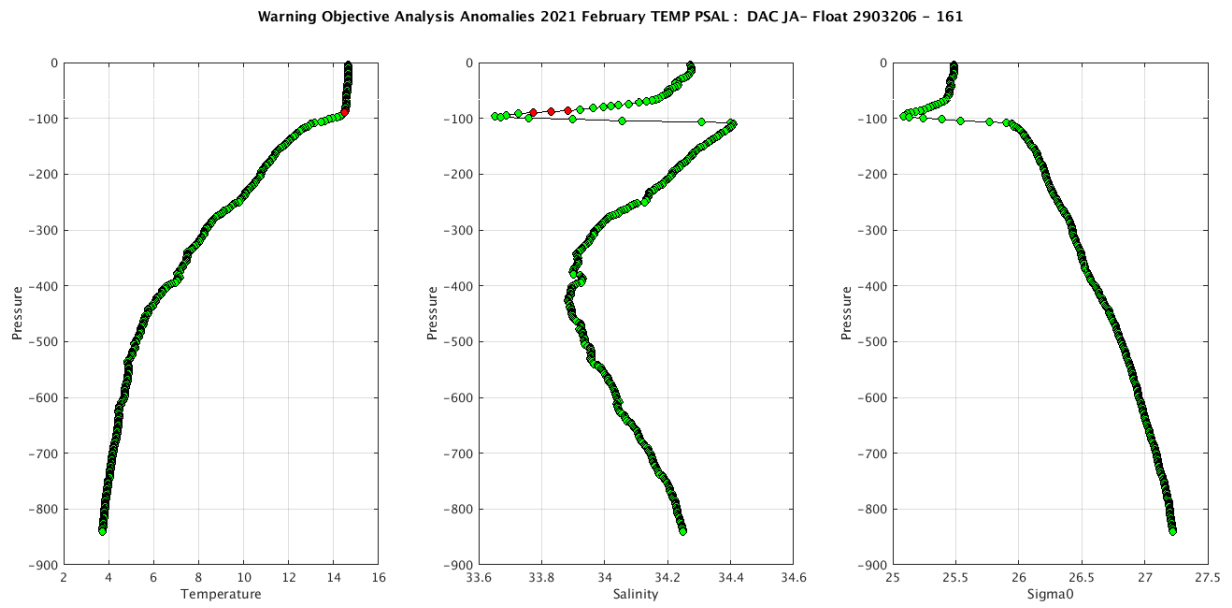
##### Files data\_mode='D'

Float : 2903206 - Cycle : 161 - PI : JAMSTEC - Data mode : D - Platform type : NAVIS_A - WMO inst type : 863 - FLOAT SERIAL : 0673 - Date : 2017	12	15
Float : 5905045 - Cycle : 219 - PI : JAMSTEC - Data mode : D - Platform type : NAVIS_A - WMO inst type : 863 - FLOAT SERIAL : 0563 - Date : 2017	5	16
Float : 5905045 - Cycle : 280 - PI : JAMSTEC - Data mode : D - Platform type : NAVIS_A - WMO inst type : 863 - FLOAT SERIAL : 0563 - Date : 2017	9	15
Float : 5905057 - Cycle : 8 - PI : JAMSTEC - Data mode : D - Platform type : NAVIS_A - WMO inst type : 863 - FLOAT SERIAL : 0674 - Date : 2017	9	28
Float : 5905057 - Cycle : 47 - PI : JAMSTEC - Data mode : D - Platform type : NAVIS_A - WMO inst type : 863 - FLOAT SERIAL : 0674 - Date : 2018	3	12
Float : 5905057 - Cycle : 48 - PI : JAMSTEC - Data mode : D - Platform type : NAVIS_A - WMO inst type : 863 - FLOAT SERIAL : 0674 - Date : 2018	3	16



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

Example of anomalies:



#### 4.7. DAC KMA

Profiles detected by the objective analysis: 0 profile ( 0 float – float can have several cycles with anomalies)

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

#### Status of corrections:

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

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'

- Error on salinity\_adjusted error 0.000 ??

Float 2901233 Cycle 53 - Cycle 92 , cycle 128 | Float 2901238 cycle 81

PSAL\_ADJUSTED\_ERROR =

\_ 0.000, 0.000, 0.000, 0.000, 0.000, 0.000,

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

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

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

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

#### 4.8. DAC KORDI/KIOST

Profiles detected by the objective analysis: 0 profile ( 0 float – float can have several cycles with anomalies)

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

#### **Status of corrections:**

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

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

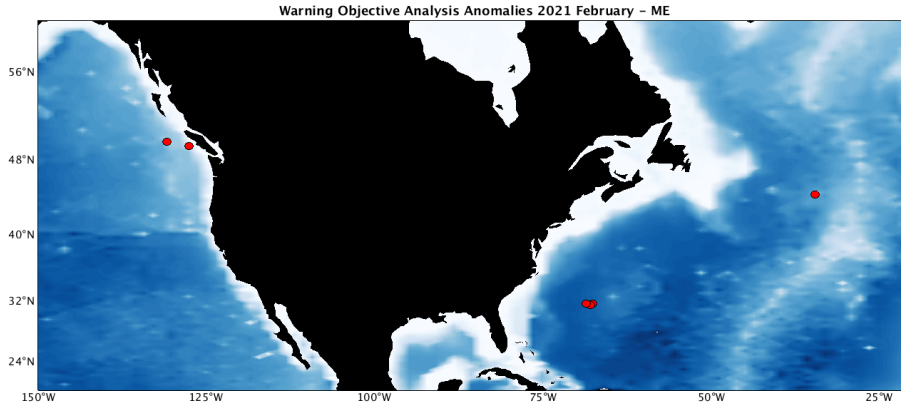
The list of the anomalies can be found at <https://data-argo.ifremer.fr/etc/ObjectiveAnalysisWarning/kordi/>

**Example of anomalies:**

#### 4.9. DAC MEDS

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

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



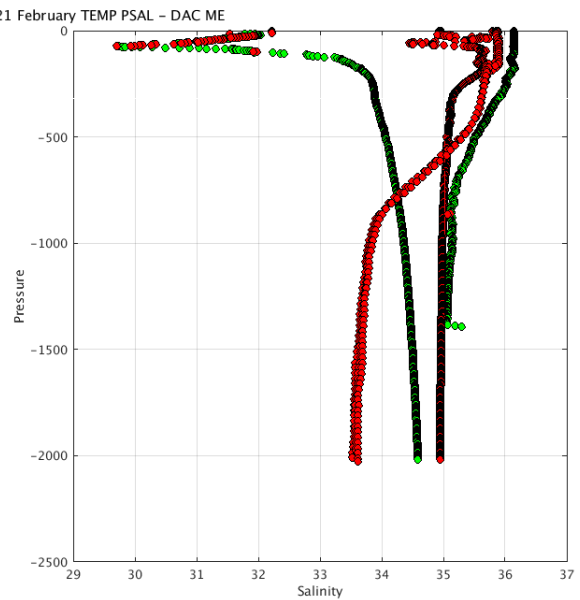
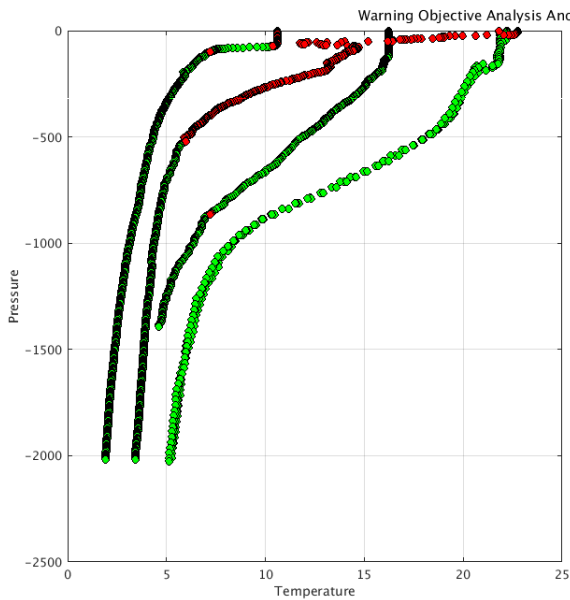
**Status of corrections: In progress.**

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

Float : 4902406 - Cycle : 124 - PI : Blair Greenan - Data mode : A - Platform type : NOVA - WMO inst type : 865 - FLOAT SERIAL : 442 - Date : 2020 11 26  
 Float : 4902410 - Cycle : 143 - PI : Blair Greenan - Data mode : A - Platform type : NOVA - WMO inst type : 865 - FLOAT SERIAL : 446 - Date : 2021 2 5  
 Float : 4902470 - Cycle : 67 - PI : Blair Greenan - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 260018CA14 - Date : 2021 2 11  
 Float : 4902470 - Cycle : 68 - PI : Blair Greenan - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 260018CA14 - Date : 2021 2 21

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

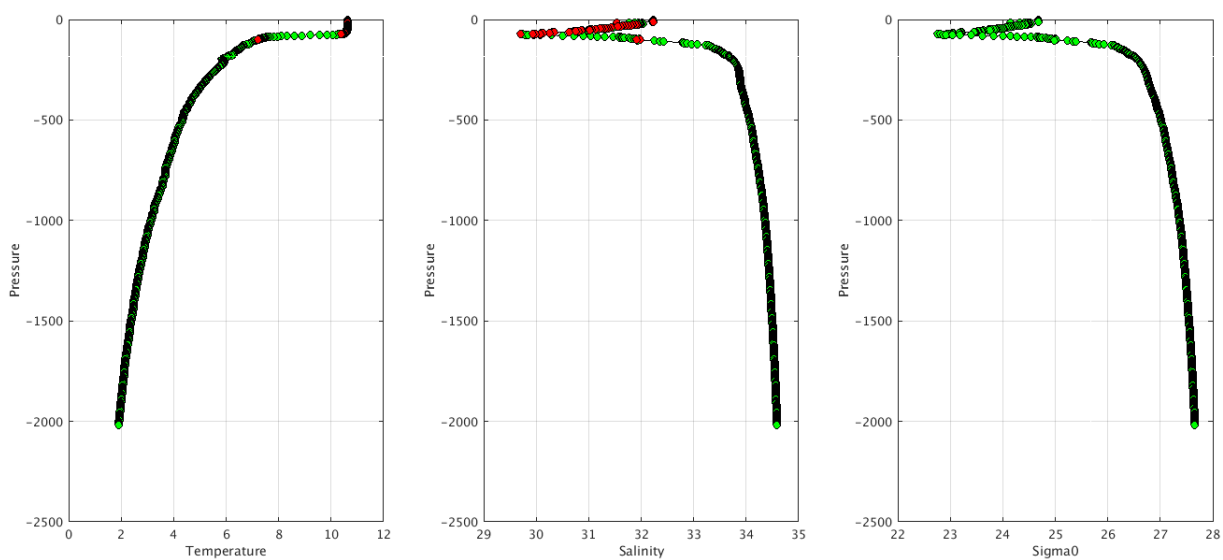
Float : 4902407 - Cycle : 3 - PI : Blair Greenan - Data mode : D - Platform type : NOVA - WMO inst type : 865 - FLOAT SERIAL : 443 - Date : 2017 7 6  
 Float : 4902470 - Cycle : 66 - PI : Blair Greenan - Data mode : D - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 260018CA14 - Date : 2021 2 1



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

Example of anomalies:





**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 -17014118346046900000000000000000000000 4  
 ME 3900085 120 2C+ PSAL -17014118346046900000000000000000000000 4  
 ME 4900512  
 ME 4900521  
 ME 4900537  
 ME 4900636  
 ME 4900877  
 ME 4901081



## 5. Synthetic profiles

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

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

## 6. 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

## 7. 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

### 7.1. AOML

#### GDAC (missing nc files)

For some floats :

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

See below the list of floats with existing nc files :

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

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

DAC name : aoml – Number of floats : 7721

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

## 7.2. BODC

### GDAC (missing nc files)

#### For some floats :

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

**MAINLY TRAJECTORY FILE MISSING**

See below the list of floats with existing nc files :

**DAC name : bodc – Number of floats : 778**

1901312 - Existing NetCDF files

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

1901844 - Existing NetCDF files

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

1901845 - Existing NetCDF files

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

1901846 - Existing NetCDF files

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

1901847 - Existing NetCDF files

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

1901848 - Existing NetCDF files

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1901849 - Existing NetCDF files

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1901850 - Existing NetCDF files

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1901851 - Existing NetCDF files

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1901852 - Existing NetCDF files

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1901853 - Existing NetCDF files

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1901860 - Existing NetCDF files

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1901861 - Existing NetCDF files

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1901862 - Existing NetCDF files

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1901863 - Existing NetCDF files

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1901864 - Existing NetCDF files

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1901865 - Existing NetCDF files

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1901866 - Existing NetCDF files

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1901867 - Existing NetCDF files

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1901870 - Existing NetCDF files

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1901871 - Existing NetCDF files

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1901876 - Existing NetCDF files

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1901878 - Existing NetCDF files

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3901512 - Existing NetCDF files  
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3901513 - Existing NetCDF files  
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3901515 - Existing NetCDF files  
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3901516 - Existing NetCDF files  
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3902398 - Existing NetCDF files  
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3902399 - Existing NetCDF files  
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3902400 - Existing NetCDF files  
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3902402 - Existing NetCDF files  
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3902403 - Existing NetCDF files  
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49065 - Existing NetCDF files  
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6901153 - Existing NetCDF files  
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6901155 - Existing NetCDF files  
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6901164 - Existing NetCDF files  
File : 6901164\_meta.nc - 6901164\_prof.nc - 6901164\_tech.nc -

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

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

6901167 - Existing NetCDF files  
File : 6901167\_meta.nc - 6901167\_prof.nc - 6901167\_tech.nc -

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

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

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

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

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

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

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

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

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

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

6901184 - Existing NetCDF files  
File : 6901184\_meta.nc - 6901184\_prof.nc - 6901184\_tech.nc -

6901185 - Existing NetCDF files  
File : 6901185\_meta.nc - 6901185\_prof.nc - 6901185\_tech.nc -

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

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

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

6901191 - Existing NetCDF files  
File : 6901191\_meta.nc - 6901191\_prof.nc - 6901191\_tech.nc -

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

6901193 - Existing NetCDF files  
File : 6901193\_meta.nc - 6901193\_prof.nc - 6901193\_tech.nc -

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

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

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

6901198 - Existing NetCDF files  
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6901199 - Existing NetCDF files  
File : 6901199\_meta.nc - 6901199\_prof.nc - 6901199\_tech.nc -

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

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

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

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

6901207 - Existing NetCDF files  
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6901208 - Existing NetCDF files  
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6901211 - Existing NetCDF files  
File : 6901211\_meta.nc - 6901211\_prof.nc - 6901211\_tech.nc -

6901212 - Existing NetCDF files  
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6901213 - Existing NetCDF files  
File : 6901213\_meta.nc - 6901213\_prof.nc - 6901213\_tech.nc -

6901214 - Existing NetCDF files  
File : 6901214\_meta.nc - 6901214\_prof.nc - 6901214\_tech.nc -

6901215 - Existing NetCDF files

File : 6901215\_meta.nc - 6901215\_prof.nc - 6901215\_tech.nc -  
 6901919 - Existing NetCDF files  
 File : 6901919\_meta.nc - 6901919\_prof.nc - 6901919\_tech.nc -  
 6901920 - Existing NetCDF files  
 File : 6901920\_meta.nc - 6901920\_prof.nc - 6901920\_tech.nc -  
 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  
 File : 6901927\_meta.nc - 6901927\_prof.nc - 6901927\_tech.nc -  
 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  
 File : 6903721\_meta.nc - 6903721\_prof.nc - 6903721\_tech.nc -  
 6903722 - Existing NetCDF files  
 File : 6903722\_meta.nc - 6903722\_prof.nc - 6903722\_tech.nc -  
 6903723 - Existing NetCDF files  
 File : 6903723\_meta.nc - 6903723\_prof.nc - 6903723\_tech.nc -  
 6903724 - Existing NetCDF files  
 File : 6903724\_meta.nc - 6903724\_prof.nc - 6903724\_tech.nc -  
 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 -  
 6903751 - Existing NetCDF files  
 File : 6903751\_meta.nc - 6903751\_prof.nc - 6903751\_tech.nc -

### 7.3. 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 : 3116**

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 -

6901870 - Existing NetCDF files

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

6901871 - Existing NetCDF files

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

6902583 - Existing NetCDF files

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

6902685 - Existing NetCDF files

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

6902741 - Existing NetCDF files

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

6903181 - Existing NetCDF files

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

6903185 - Existing NetCDF files

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

6903193 - Existing NetCDF files

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

6903226 - Existing NetCDF files

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

7900349 - Existing NetCDF files

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

#### 7.4. 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 : 473**

#### 7.5. 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 : 976**

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 -

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

## 7.6. 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

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2902262 - Existing NetCDF files

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2902265 - Existing NetCDF files

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2902266 - Existing NetCDF files

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2902267 - Existing NetCDF files

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2902268 - Existing NetCDF files

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2902269 - Existing NetCDF files

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

2902278 - Existing NetCDF files

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

2902279 - Existing NetCDF files

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

2902280 - Existing NetCDF files

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

2902281 - Existing NetCDF files

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

2902282 - Existing NetCDF files

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

2902283 - Existing NetCDF files

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

2902284 - Existing NetCDF files

File : 2902284\_meta.nc - 2902284\_prof.nc - 2902284\_tech.nc -  
 2902285 - Existing NetCDF files  
 File : 2902285\_meta.nc - 2902285\_prof.nc - 2902285\_tech.nc -  
 2902286 - Existing NetCDF files  
 File : 2902286\_meta.nc - 2902286\_prof.nc - 2902286\_tech.nc -  
 2902287 - Existing NetCDF files  
 File : 2902287\_meta.nc - 2902287\_prof.nc - 2902287\_tech.nc -  
 2902288 - Existing NetCDF files  
 File : 2902288\_meta.nc - 2902288\_prof.nc - 2902288\_tech.nc -  
 2902289 - Existing NetCDF files  
 File : 2902289\_meta.nc - 2902289\_prof.nc - 2902289\_tech.nc -  
 2902290 - Existing NetCDF files  
 File : 2902290\_meta.nc - 2902290\_prof.nc - 2902290\_tech.nc -  
 2902292 - Existing NetCDF files  
 File : 2902292\_meta.nc - 2902292\_prof.nc - 2902292\_tech.nc -

2902293 - Existing NetCDF files  
 File : 2902293\_meta.nc - 2902293\_prof.nc - 2902293\_tech.nc -  
 2902300 - Existing NetCDF files  
 File : 2902300\_meta.nc - 2902300\_prof.nc - 2902300\_tech.nc -  
 2902301 - Existing NetCDF files  
 File : 2902301\_meta.nc - 2902301\_prof.nc - 2902301\_tech.nc -  
 2902302 - Existing NetCDF files  
 File : 2902302\_meta.nc - 2902302\_prof.nc - 2902302\_tech.nc -  
 2902303 - Existing NetCDF files  
 File : 2902303\_meta.nc - 2902303\_prof.nc - 2902303\_tech.nc -  
 2902304 - Existing NetCDF files  
 File : 2902304\_meta.nc - 2902304\_prof.nc - 2902304\_tech.nc

## 7.7. 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

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

-Others : 8 floats

need further investigation

For some floats :

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

See below the list of floats with existing nc files :

**DAC name : jma – Number of floats : 1802**

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  
 File : 1902333\_meta.nc - 1902333\_prof.nc -

1902335 - Existing NetCDF files  
 File : 1902335\_meta.nc - 1902335\_prof.nc -

1902336 - Existing NetCDF files  
 File : 1902336\_meta.nc - 1902336\_prof.nc -

1902337 - Existing NetCDF files

File : 1902337\_meta.nc - 1902337\_prof.nc

1902339 - Existing NetCDF files  
 File : 1902339\_meta.nc - 1902339\_prof.nc

1902340 - Existing NetCDF files  
 File : 1902340\_meta.nc - 1902340\_prof.nc

2900961 - Existing NetCDF files  
 File : 2900961\_meta.nc - 2900961\_prof.nc - 2900961\_tech.nc -

2900962 - Existing NetCDF files  
 File : 2900962\_meta.nc - 2900962\_prof.nc - 2900962\_tech.nc

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

2903013 - Existing NetCDF files  
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2903014 - Existing NetCDF files  
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2903165 - Existing NetCDF files  
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2903166 - Existing NetCDF files  
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2903167 - Existing NetCDF files  
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2903168 - Existing NetCDF files  
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2903169 - Existing NetCDF files  
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2903170 - Existing NetCDF files  
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2903171 - Existing NetCDF files  
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2903172 - Existing NetCDF files  
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2903173 - Existing NetCDF files  
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2903175 - Existing NetCDF files  
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2903176 - Existing NetCDF files  
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2903209 - Existing NetCDF files  
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2903210 - Existing NetCDF files  
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2903211 - Existing NetCDF files  
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2903212 - Existing NetCDF files  
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2903213 - Existing NetCDF files  
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2903327 - Existing NetCDF files  
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2903329 - Existing NetCDF files  
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2903330 - Existing NetCDF files  
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2903346 - Existing NetCDF files  
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2903347 - Existing NetCDF files  
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2903350 - Existing NetCDF files  
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2903351 - Existing NetCDF files  
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2903352 - Existing NetCDF files  
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2903353 - Existing NetCDF files  
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2903354 - Existing NetCDF files  
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2903356 - Existing NetCDF files  
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2903357 - Existing NetCDF files  
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2903397 - Existing NetCDF files  
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2903400 - Existing NetCDF files  
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2903401 - Existing NetCDF files  
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2903402 - Existing NetCDF files

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2903403 - Existing NetCDF files  
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2903404 - Existing NetCDF files  
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2903605 - Existing NetCDF files  
File : 2903605\_meta.nc - 2903605\_prof.nc -  
2903606 - Existing NetCDF files  
File : 2903606\_meta.nc - 2903606\_prof.nc -  
2903607 - Existing NetCDF files  
File : 2903607\_meta.nc - 2903607\_prof.nc -  
2903608 - Existing NetCDF files  
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2903609 - Existing NetCDF files  
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2903610 - Existing NetCDF files  
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2903611 - Existing NetCDF files  
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2903612 - Existing NetCDF files  
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2903616 - Existing NetCDF files  
File : 2903616\_meta.nc - 2903616\_prof.nc -  
2903617 - Existing NetCDF files  
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3902388 - Existing NetCDF files  
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3902389 - Existing NetCDF files  
File : 3902389\_meta.nc - 3902389\_prof.nc -  
3902390 - Existing NetCDF files  
File : 3902390\_meta.nc - 3902390\_prof.nc -  
3902392 - Existing NetCDF files  
File : 3902392\_meta.nc - 3902392\_prof.nc -  
3902393 - Existing NetCDF files  
File : 3902393\_meta.nc - 3902393\_prof.nc -  
3902394 - Existing NetCDF files  
File : 3902394\_meta.nc - 3902394\_prof.nc -  
4900293 - Existing NetCDF files  
File : 4900293\_Rtraj.nc - 4900293\_meta.nc - 4900293\_tech.nc -  
4902378 - Existing NetCDF files  
File : 4902378\_meta.nc - 4902378\_prof.nc -  
4902380 - Existing NetCDF files  
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4902981 - Existing NetCDF files  
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4902982 - Existing NetCDF files  
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4902983 - Existing NetCDF files  
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4902988 - Existing NetCDF files  
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4902992 - Existing NetCDF files  
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5900277 - Existing NetCDF files  
File : 5900277\_Rtraj.nc - 5900277\_meta.nc - 5900277\_tech.nc -  
5901582 - Existing NetCDF files  
File : 5901582\_meta.nc - 5901582\_prof.nc - 5901582\_tech.nc -  
5901937 - Existing NetCDF files  
File : 5901937\_Rtraj.nc - 5901937\_meta.nc - 5901937\_prof.nc -  
5904937 - Existing NetCDF files  
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5905062 - Existing NetCDF files  
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5905063 - Existing NetCDF files  
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5905218 - Existing NetCDF files  
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5905223 - Existing NetCDF files  
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5905224 - Existing NetCDF files  
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5905225 - Existing NetCDF files  
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5905226 - Existing NetCDF files  
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5905227 - Existing NetCDF files  
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5905228 - Existing NetCDF files  
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5905229 - Existing NetCDF files  
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5905232 - Existing NetCDF files  
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5905233 - Existing NetCDF files  
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5905834 - Existing NetCDF files  
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5905835 - Existing NetCDF files  
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5905836 - Existing NetCDF files  
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5905837 - Existing NetCDF files  
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5905838 - Existing NetCDF files  
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5905839 - Existing NetCDF files  
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5905840 - Existing NetCDF files  
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5905841 - Existing NetCDF files  
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5905842 - Existing NetCDF files  
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5905843 - Existing NetCDF files  
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5905844 - Existing NetCDF files  
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5905845 - Existing NetCDF files  
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5905846 - Existing NetCDF files  
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5905848 - Existing NetCDF files  
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5905849 - Existing NetCDF files  
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5905851 - Existing NetCDF files  
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5905852 - Existing NetCDF files  
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5905853 - Existing NetCDF files  
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5905854 - Existing NetCDF files  
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5905855 - Existing NetCDF files  
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5905856 - Existing NetCDF files  
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5905860 - Existing NetCDF files  
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5905861 - Existing NetCDF files  
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5905862 - Existing NetCDF files  
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5905863 - Existing NetCDF files  
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5905864 - Existing NetCDF files  
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5905865 - Existing NetCDF files  
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5905875 - Existing NetCDF files  
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5905876 - Existing NetCDF files  
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5905877 - Existing NetCDF files  
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5905878 - Existing NetCDF files  
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5905879 - Existing NetCDF files  
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5905881 - Existing NetCDF files  
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5905882 - Existing NetCDF files  
File : 5905882\_meta.nc - 5905882\_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  
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7900601 - Existing NetCDF files  
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7900652 - Existing NetCDF files  
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7900653 - Existing NetCDF files  
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7900654 - Existing NetCDF files  
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7900655 - Existing NetCDF files  
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7900657 - Existing NetCDF files  
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7900658 - Existing NetCDF files  
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7900660 - Existing NetCDF files  
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7900691 - Existing NetCDF files  
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7900863 - Existing NetCDF files  
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7900864 - Existing NetCDF files  
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7900866 - Existing NetCDF files  
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7900868 - Existing NetCDF files  
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7900872 - Existing NetCDF files  
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7900873 - Existing NetCDF files  
File : 7900873\_meta.nc - 7900873\_prof.nc

7900881 - Existing NetCDF files  
File : 7900881\_Mprof.nc - 7900881\_meta.nc - 7900881\_prof.nc

## 7.8. 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 : 253

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

## 7.9. KORDI/KIOST

### For some floats :

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

See below the list of floats with existing nc files :

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

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

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

## 7.10. MEDS

### For some floats :

- traj file missing

See below the list of floats with existing nc files :

### DAC name : meds – Number of floats : 589

## 7.11. NMDIS

For some floats :

- 

See below the list of floats with existing nc files :

DAC name : nmdis – Number of floats : 19