



## **GDAC Float Anomalies Monitoring**

**February 2025**

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**Coriolis**



## NOTES

### NOVEMBER 2017

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

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

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

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

### DECEMBER 2017

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

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

### January 2018

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

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

The problem has been resolved rapidly.

### May 2018

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

### July 2018

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

### March 2019

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

### April 2019

Re-organization of the report

### June 2019

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

### September 2019

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

### October 2019

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

#### November 2019

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

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

#### February 2020

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

#### March 2020

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

#### April 2020

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

#### October 2020

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

#### November 2020

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

#### March 2021

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

#### December 2021

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

#### March 2023

New format version V3.2 for trajectory plots showing format\_version percentage, for trajectory profiles following dead or active float.

#### December 2023

A new version of the minmax field (v4.1) is used since early december. This new reference dataset has been generated by Jérôme Gourrion and Delphine Leroy from POKaPOK and takes into account additional profiles and a vertical extension of the reference fields from 0-2000 dbar to 0-5500 dbar.

#### June 2024

In the Coriolis database, priority is now given to synthetic profiles, so alerts are initially based on these profile types, and changes have been made to the message types. At present, DACs receive messages whose content is identical but individualized by float, so you receive as many messages as floats treated in an alert. We are working on the possibility of generating messages as they were before.

#### July 2024

CORA (CORiolis Re-Analysis) feedback on all Argo data available in the Coriolis database has been updated in the Coriolis database, resulting in an increase in the number of anomalies in July 2024 (17th). High values may indicate that corrections have not been applied to the profiles from the minmax feedback and that they have been resubmitted to GDAC (and are too old to be detected by the MinMax in real time). The other corrections= come from work carried out by the OceanScope team.

#### January 2025

As the 'Grey list tes't has been renamed 'Supplemental sensor exclusion list test '(also simplified as the "exclusion list") the file drift\_latest\_greylisted.csv has been renamed drift\_latest\_exclusion.csv

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## 1. Anomalies of Argo profiles – Suspected drift

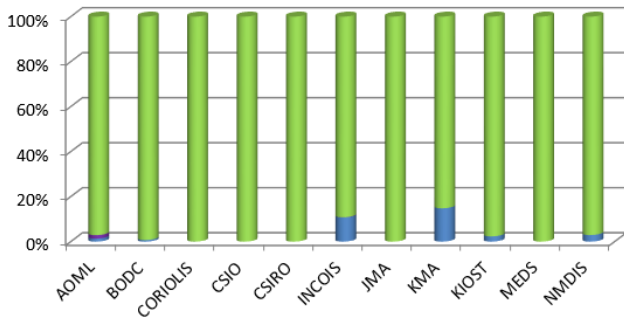
This table shows a list of floats showing a suspected drift/bias, observed in the last 2 months, last month for new. (feedback from Coriolis)

DAC	WMO	PI	First station in alert	First cycle in alert	Last Station in alert	Last cycle in alert	QC level in RT in Coriolis DB	Description	SENSOR_MODEL	SERIAL_NUM	Failure_Type for Coriolis DB (1-drift, 2-bias, 3-weird, 4-wrecked, 5-pressure, 6-adjustment issue)	Comment All drift mentions are SUSPICION drift value mentions are visual impression surrounding profiles = close in space (position diff < 2 degrees latitude/longitude) and in time (date diff < 5 years)	Exclusion List recommendation: PSAL/TEMP grey list, flag 3/4, from cycle N, PI/DM response: N/A
<b>NEW</b>													
AOML	1902408	SUSAN WUFFELS, STEVEN JAYNE, PELLE ROBBINS	2025/02/10	115	2025/03/02	117	3	Argo WHOI	SBE41CP	13203	1	Bad profiles, drift	
AOML	4903183	GREGORY C. JOHNSON	2025/03/02	232			4	Argo PMEL	SBE41CP	11041	1	Bad profile, ASD ?	
AOML	5906293	ANDREA FASSBENDER, GREGORY C. JOHNSON, STEPHEN RISER, KEN JOHNSON	2025/02/15	176			3	Argo UW-SOCCOM	SBE41CP	12316	3	Strange profile	
CORIOUS	1902769	Elena MAURI	2025/02/19	1			3	ARGO Italy	SBE41CP_V7.2.5	19377	3	Bad profile, first cycle	
CORIOUS	5907136	Christine COATANOAN	2025/02/27	10			3	CORIOUS	RBR_ARGO3	23141	1	Drift, ASD ? Or bad profile ?	
CORIOUS	7902172	Britgit KLEIN	2025/02/24	12	2025/03/04	20	3	Argo BSH	SBE41CP_V7.2.5	20362	3	Strange profile, large drift	
<b>PREVIOUS REPORTS</b> (In last 2 months)													
AOML	1902196	GREGORY C. JOHNSON	2024/09/23	229	2024/12/12	237	3	Argo PMEL	SBE41CP	09842	1	Bad profiles, drift - From cycle 238 : PSAL=0 and QC=4 (RTQC Auto test)	
AOML	2903465	STEPHEN RISER/KEN JOHNSON	2024/08/03	43	2025/02/20	63	3	Argo US, GO-BGC	SBE41CP	17682	1	Slight drift ?	
AOML	3901290	GREGORY C. JOHNSON	2023/12/05	255	2024/12/19	293	3	Argo PMEL	SBE41CP	08558	1	Drift -> Float inactive after cycle 293	
AOML	3901311	GREGORY C. JOHNSON	2025/01/18	218	2025/02/15	221	3	Argo PMEL	SBE61	5703	1	ASD ?	
AOML	3902156	GREGORY C. JOHNSON	2024/12/04	205	2025/02/17	213	3	Argo	SBE61	5724	3	Strange profiles	PSAL_3,205,N/A
AOML	4902929	GREGORY C. JOHNSON	2024/08/17	280	2025/02/17	298	3	Argo PMEL	SBE41CP	08801	1	Slight drift	
AOML	4903201	GREGORY C. JOHNSON	2025/02/01	211	2025/03/04	241	3	Argo PMEL	SBE41CP	11175	1	ASD ?	PSAL_3,211,N/A
AOML	4903205	GREGORY C. JOHNSON	2024/04/22	180	2024/11/28	202	3	Argo PMEL	SBE41CP	11195	1	Large Drift, From cycle 202 : PSAL values > 40 automatically QC4	
AOML	4903206	GREGORY C. JOHNSON	2023/11/12	167	2024/12/06	206	3	ArgoPMEL	SBE41CP	11150	1	Drift, ASD ?	
AOML	4903207	GREGORY C. JOHNSON	2024/04/30	181	2025/03/01	211	3	Argo PMEL	SBE41CP	11200	1	ASD ?	
AOML	5905316	GREGORY C. JOHNSON	2021/06/26	105	2025/01/31	236	3	Argo	SBE41CP	09938	1	Drift : PSAL ok but PSAL_ADJUSTED not good for first warning cycles, bad adjustment	
AOML	5906087	GREGORY C. JOHNSON	2024/05/18	141	2025/02/27	169	3	Argo PMEL	SBE41CP	11136	1	Drift, ASD ?	PSAL_3,141,N/A
AOML	5906094	GREGORY C. JOHNSON	2024/10/05	198	2025/02/17	211	3	Argo PMEL	SBE41CP	11174	1	ASD ?	PSAL_3,198,N/A
AOML	5906154	GREGORY C. JOHNSON	2023/11/09	163	2025/03/03	211	3	Argo PMEL	SBE41CP	11115	1	Drift	PSAL_3,163,N/A
AOML	5906246	STEPHEN RISER/KEN JOHNSON	2024/03/13	141	2025/02/15	175	3	Argo UW-SOCCOM	SBE41CP	11763	3	Strange profiles, drift from cycle 169	
AOML	5906273	STEPHEN RISER	2024/06/03	140	2025/02/27	167	3	Argo UW	SBE41CP	10190	1	Drift	
AOML	5906526	STEPHEN RISER/KEN JOHNSON	2024/08/27	82	2025/02/08	98	3	Argo UW-SOCCOM	SBE41CP	13781	1	Bad adjustment on PSAL_ADJUSTED	
AOML	5906847	GREGORY C. JOHNSON	2024/01/14	0	2025/02/24	52	3	Argo PMEL	SBE41CP	19476	1	Drift	PSAL_3,0,N/A
AOML	7902004	STEPHEN RISER	2024/09/19	8	2025/03/03	24	3	Argo UW	RBR_ARGO3	212804	1	Slight drift	
AOML	7902010	STEPHEN RISER	2024/08/22	5	2025/02/02	21	3	US ARGO PROJECT	RBR_ARGO3	212796	1	Slight drift	
AOML	7902062	STEPHEN RISER	2025/01/08	1			3	US ARGO PROJECT	SBE41CP	13503	1	Drift from beginning ?	
AOML	7902102	STEPHEN RISER/KEN JOHNSON	2024/12/22	18			3	GO-BGC	SBE41CP	18949	1	Drift ?	
AOML	7902136	STEPHEN RISER/KEN JOHNSON	2024/11/14	1	2025/02/25	11	3	Argo US, GO-BGC	SBE41CP	18950	2	Slight drift or bias from beginning, gap comparing to neighbours	
CORIOUS	1902605	Elena MAURI	2025/01/30	224			3	ARGO Italy	SBE41CP_V7.2.5	17648	1	ASD ?	
CORIOUS	3901960	Romain CANCOUET	2025/01/05	255			3	ARGO MOCCA	SBE41CP_V7.2.5	8576	1	Drift, ASD ?	
CORIOUS	6902878	Sabrina SPEICH	2024/11/17	242	2025/01/24	249	3	CORIOUS	SBE41CP_V7.2.5	9500	1	Slight drift	
CORIOUS	6903563	Kjell Arne MORR	2024/11/27	203	2025/03/05	213	3	Argo NORWAY	SBE41CP_V7.2.5	10958	1	Drift with jump ?	
INCOIS	2902184	M Ravichandran	2023/03/05	270	2024/12/24	336	3	Argo INDIA	SBE41CP	6674	1	Slight drift : this looks like bad data rather than a start of drift. I will check the next cycle when it comes in. I have set cycle 31 to QC=4 for PSAL.	
INCOIS	2902185	M Ravichandran	2020/12/29	190	2025/02/26	342	3	Indian Argo	SBE41CP	6670	1	drift	
INCOIS	2902203	M Ravichandran	2024/06/04	302	2024/10/12	315	3 & 4	Indian Argo	SBE41	7641	1	ASD ? In grey list but still going through the dataflow with QC1	
INCOIS	2902213	M Ravichandran	2024/09/19	287	2024/01/07	298	3	Indian Argo	SBE41	7638	1	Slight drift	
INCOIS	2902222	M Ravichandran	2020/06/09	161	2024/12/20	290	3	Indian Argo	SBE41	6672	1	Drift	
INCOIS	5907083	M Ravichandran	2023/09/19	1	2025/03/02	54	3	Indian Argo	SBE41CP	19140	1	First cycle, drift comparing to behaviour profiles	
INCOIS	6990617	M Ravichandran	2024/12/04	83	2025/02/12	40	3	Indian Argo	SBE41CP	19335	1	Drift-ASD	
KIOST	3902470	Sung-Dae Kim	2022/10/13	1	2025/03/01	88	3	Argo KIOST	SBE41CP	16477	2	Bias from beginning ?	
KIOST	4903824	KyungHee Oh/Kyeong Ok Kim	2025/01/08	13	2025/02/07	15	3	KIOST Argo Equivalent	SBE41CP	19603	3	Several profiles overlapped ?	
MEDS	4902444	Blair Greenan	2024/12/05	211	2025/01/05	214	3	Argo CANADA	SBE41CP	41CP-10473	1	Slight drift	
MEDS	4902447	Blair Greenan	2025/01/04	238	2025/02/24	243	3	Argo CANADA	SBE41CP	41CP-10476	1	Slight drift	
MEDS	4902595	Blair Greenan	2022/10/21	19	2025/02/25	103	3	Argo CANADA	SBE41CP	41CP-13209	1	Beginning of drift ?	
MEDS	4902657	Blair Greenan	2024/04/30	2	2025/02/27	33	4	Argo Canada	SBE41CP	41-18179	3	Bad profiles ?	
<b>Floats on exclusion list since last month (from feedback and check of exclusion index)</b>													
AOML	3902527	Sarah PURKEY, Dean ROEMMICH, Nathalie ZILBERMAN, John GILSON -> Exclusion List	2025/01/26	8			3	Argo SIO	SBE41CP	18692	1	ASD ?	
AOML	4903007	Dean ROEMMICH -> Exclusion List	2025/01/31	258			3	Argo SIO	SBE41CP	9446	1	Slight drift	
AOML	5906113	Dean ROEMMICH -> Exclusion List	2025/01/07	187	2025/10/21	189	3	Argo SIO	SBE61	5714	1	Drift	
BODC	1901897	Jon Turton -> Exclusion List	2024/10/23	235	2024/11/22	238	3	Argo UK	SBE41_V3	5023	1	Slight drift ? Qced by the DAC BODC	
BODC	3901960	Romain CANCOUET -> Exclusion List	2025/02/04	258	2025/02/25	260	3	ARGO MOCCA	SBE41CP_V7.2.5	8576	1	Drift, already notified	
CORIOUS	3902588	Britgit KLEIN -> Exclusion List	2025/03/03	52	2025/03/04	53	3	Argo BSH	SBE41CP	20294	2	Fresh jump	
CSIRO	5905512	Peter Oke -> Exclusion List	2025/01/18	100			3	Argo AUSTRALIA	SBE41CP_V7.2.5	11418	1	Drift ?	
CSIRO	7900893	Peter Oke -> Exclusion List	2024/05/19	159			3	Argo AUSTRALIA	SBE41CP_V7.2.5	11738	1	Drift	

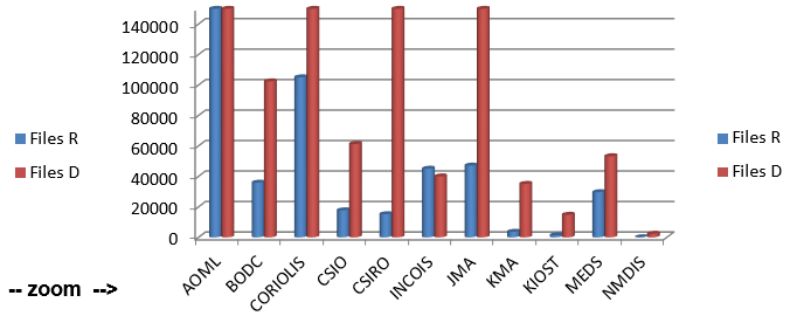
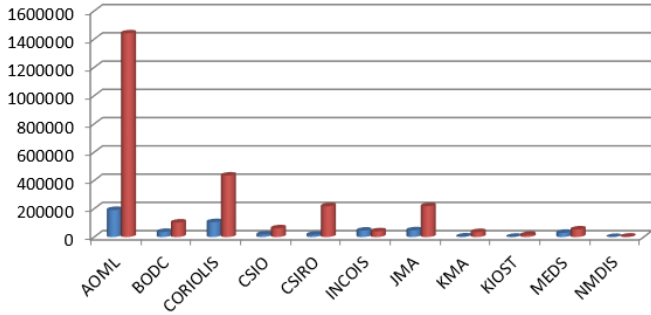
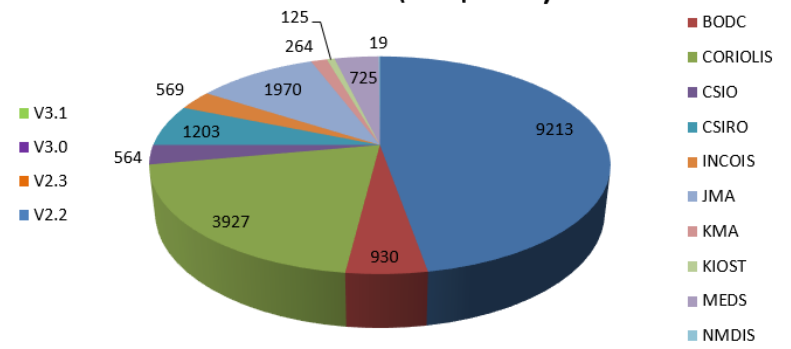
## 2. Statistics on floats and format version (End of February 2025)

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

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

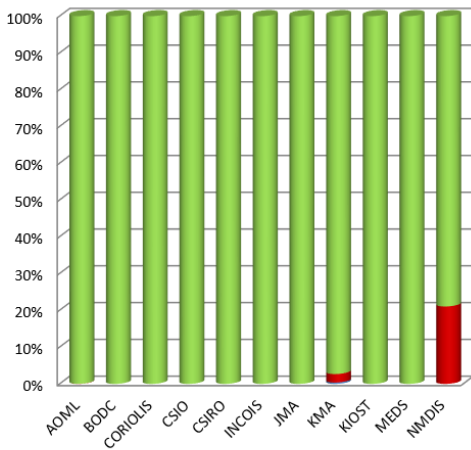


**Float (with profiles)**

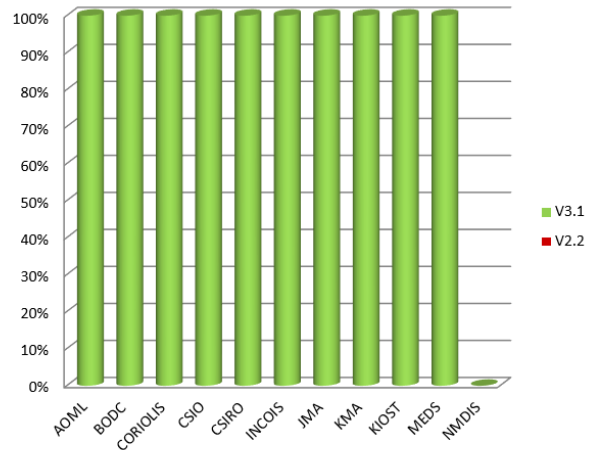


Plots showing format\_version percentage, for metadata-technical-trajectory and core profiles following dead or active floats.

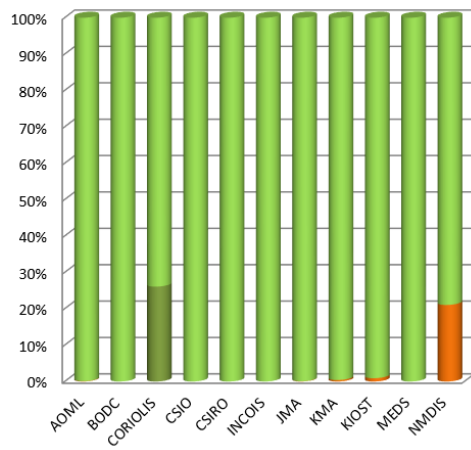
**Metadata Files - Dead floats**



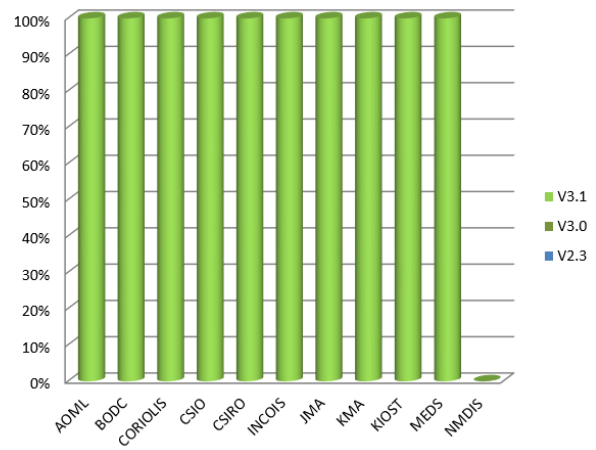
**Metadata Files - Active floats**



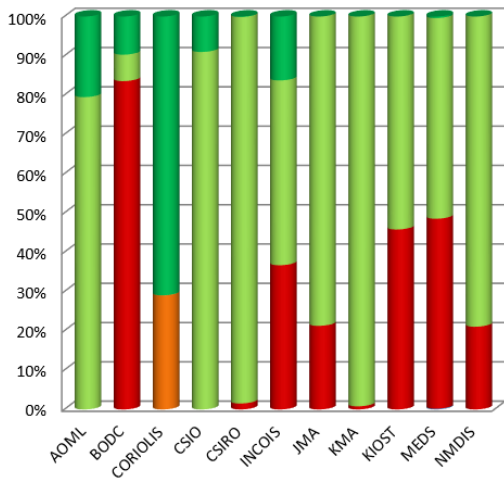
**Technical Files - Dead floats**



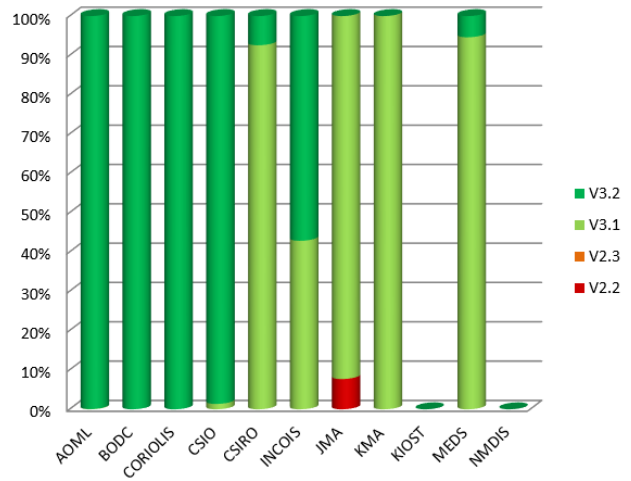
**Technical Files - Active floats**



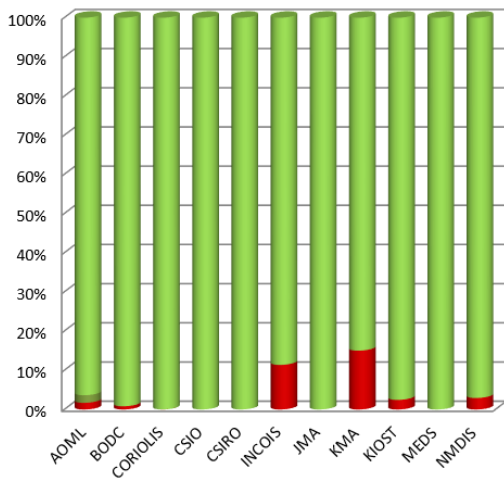
**Trajectory Files - Dead floats**



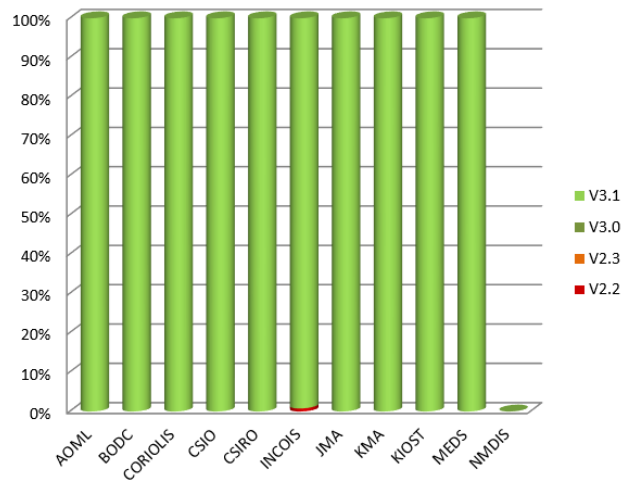
**Trajectory Files - Active floats**



**Profile files - Dead floats**

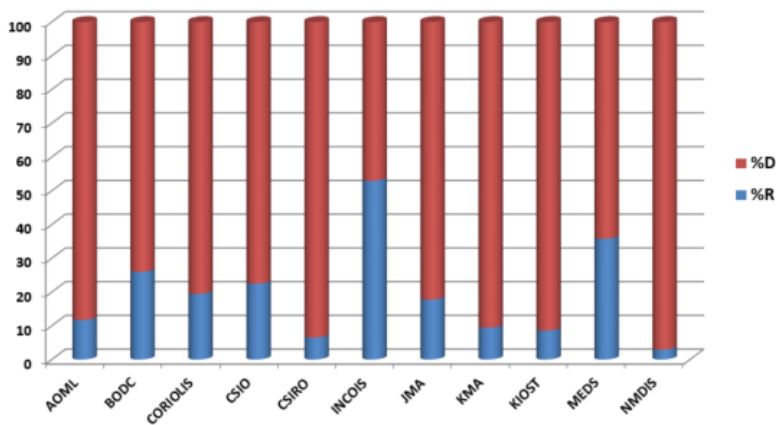


**Profile Files - Active floats**



**Delayed mode percentage by DAC**

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



DACS	%R	%D
AOML	11,70	88,30
BODC	25,96	74,04
CORIOLIS	19,46	80,54
CSIO	22,45	77,55
CSIRO	6,52	93,48
INCOIS	52,97	47,03
JMA	17,74	82,26
KMA	9,43	90,57
KIOST	8,56	91,44
MEDS	35,76	64,24
NMDIS	2,93	97,07

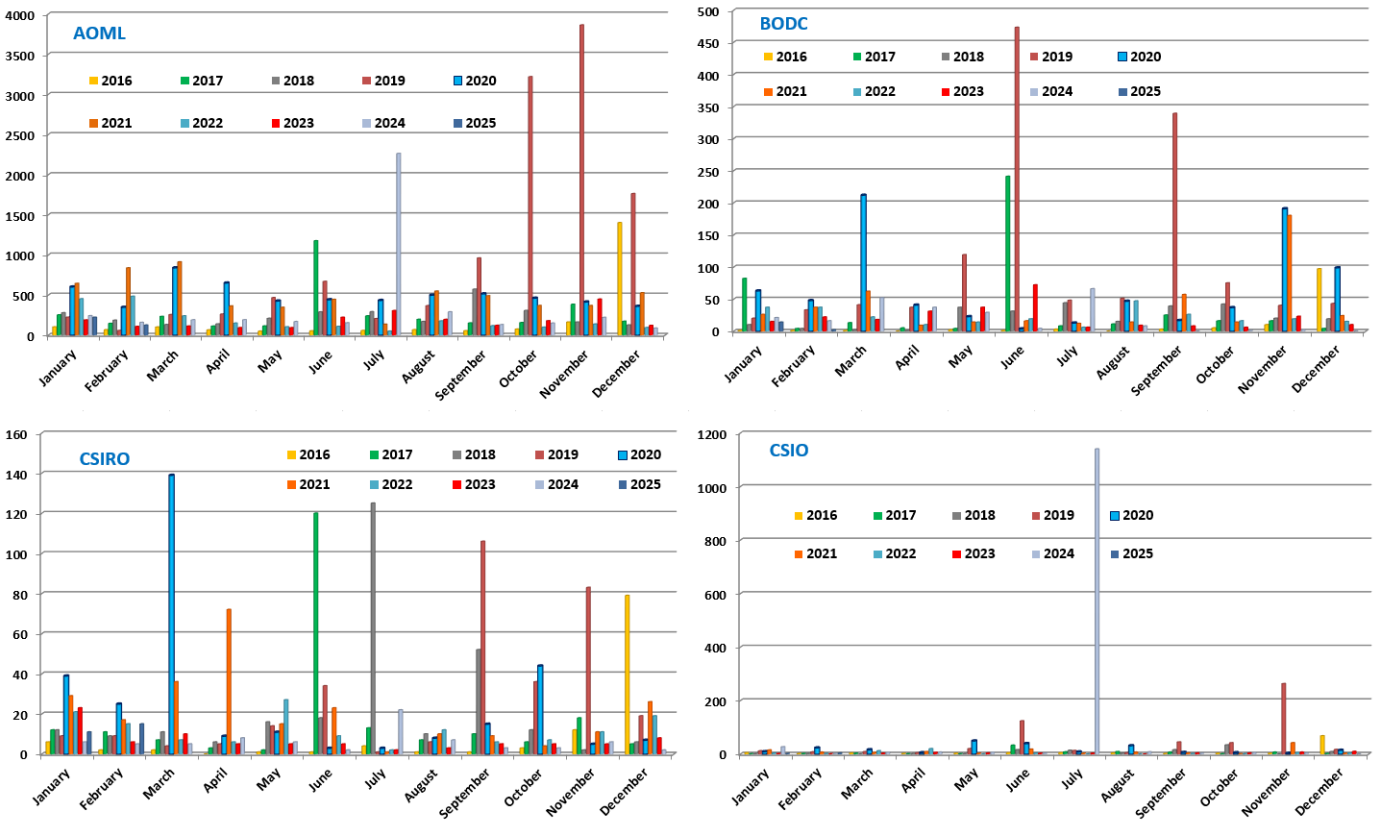
### 3. Statistics on Anomalies

Plots showing evolution of number of anomalies by DAC.

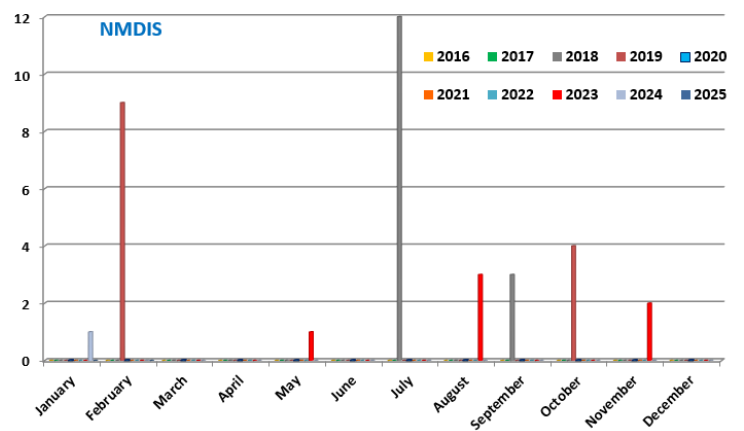
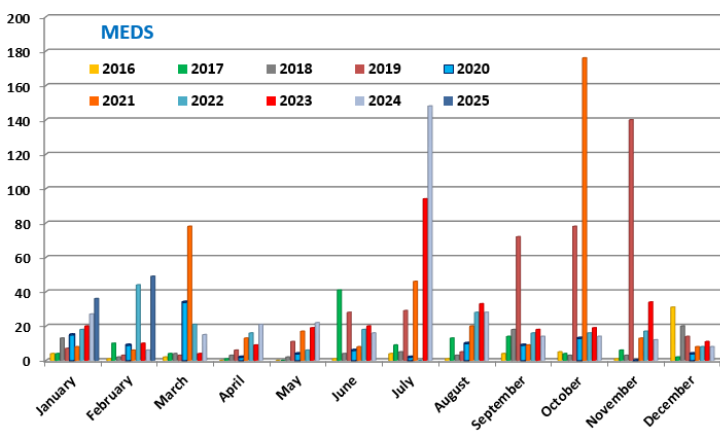
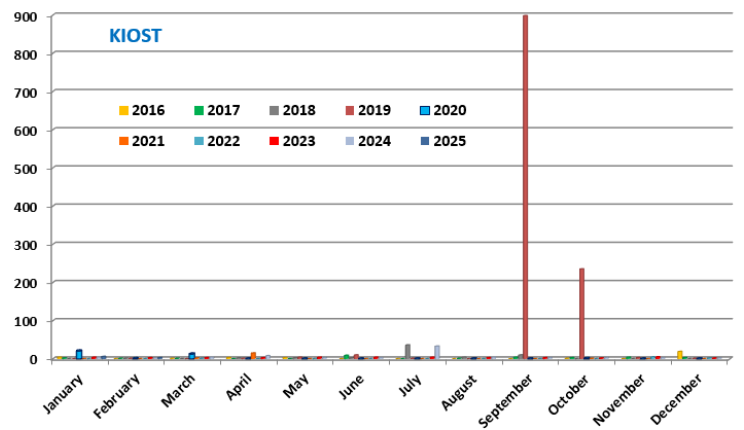
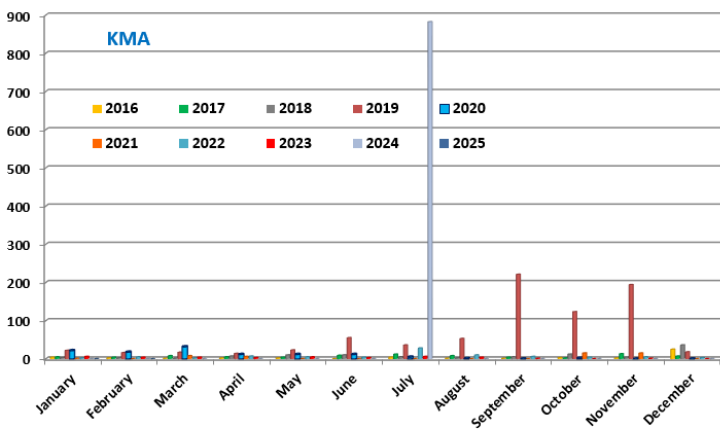
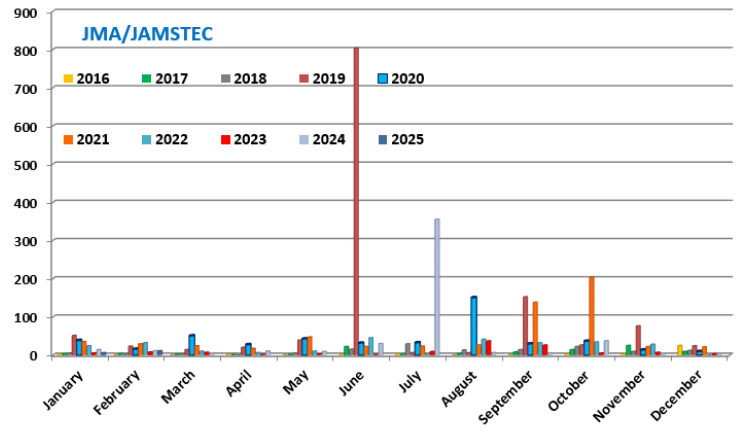
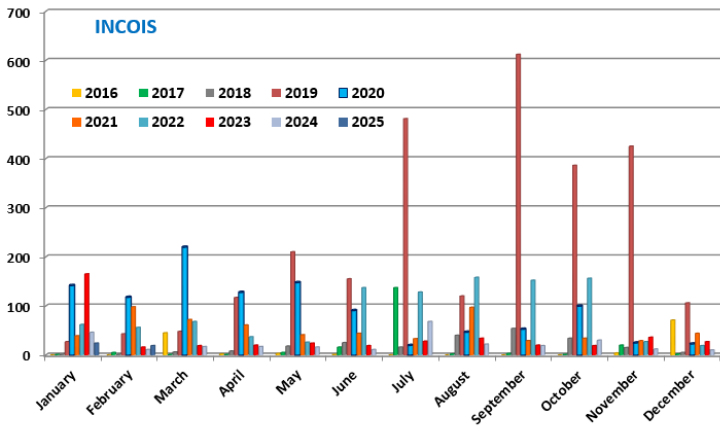
#### 3.1. Year



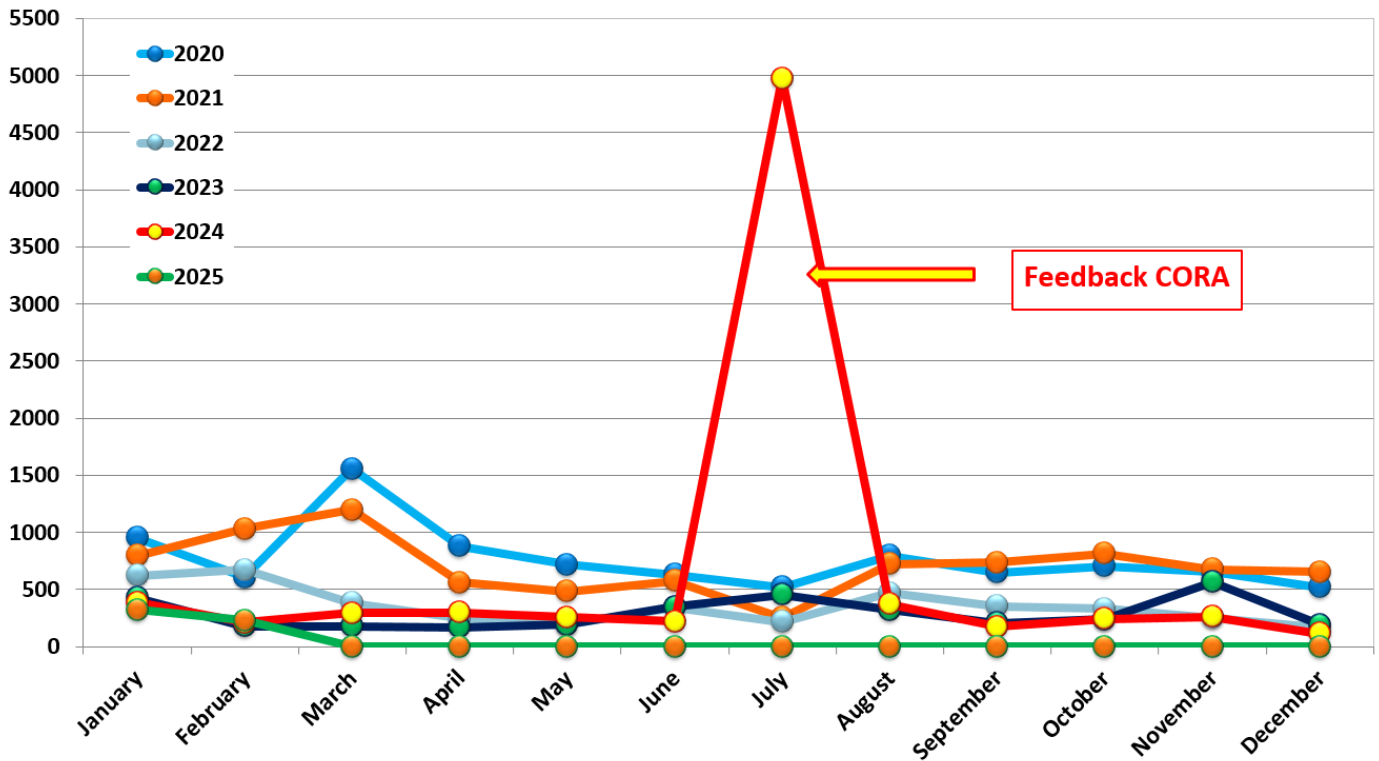
#### 3.2. DAC







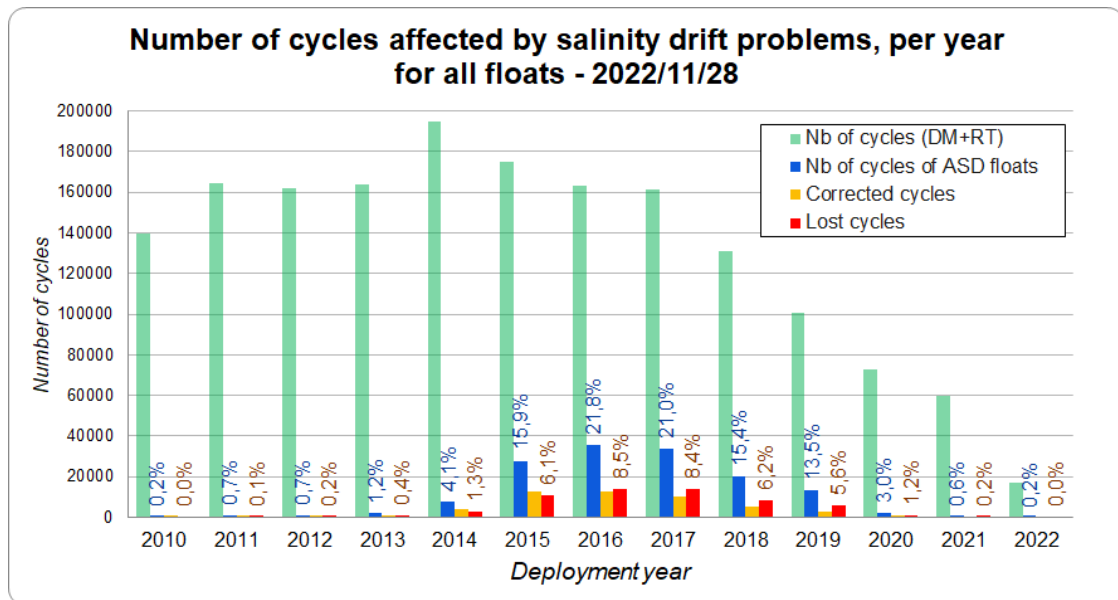
### 3.3. Anomalies by year, by month



### 4. Fast Salinity Drift from the spreadsheet “Salinity drift assessment and statistics” (11/28/2022)

Please have a look on the plot showing :

- The number of corrected cycles (orange) among the cycles performed by the deployed floats in a given year
- The number of lost cycles (red) among the cycles performed by the deployed floats in a given year
- The other cycles performed by the floats deployed in a given year in green



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

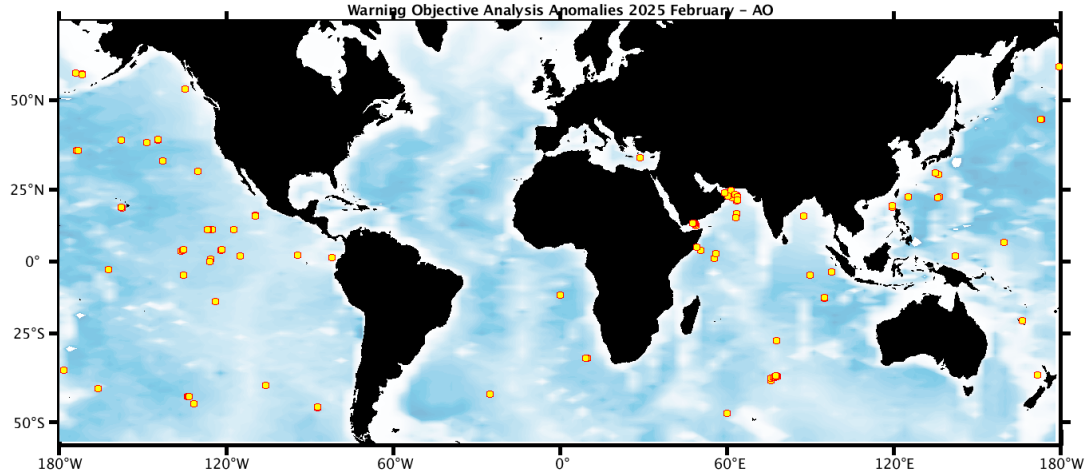
<https://docs.google.com/spreadsheets/d/1TA7SAnTiUvCK7AyGtSTUq3gu9QFbVdONj9M9zAq8CJU/edit?pli=1#gid=0>

## 5. DAC Anomalies

### 5.1. DAC AOML

Profiles detected by the objective analysis: 124 profiles (62 floats but floats can have several cycles with anomalies)

Data_mode ='R'	Data_mode ='A'	Data_mode ='D'
13 cycles	110 cycles	1 cycle



**Status of corrections:** Done or in progress.

**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 : 1900438 - Cycle : 143 - PI : DR. CHARLIE HORTON - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 3808 - Date : 2009 8 28  
 Float : 1900438 - Cycle : 165 - PI : DR. CHARLIE HORTON - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 3808 - Date : 2009 10 11  
 Float : 1900438 - Cycle : 291 - PI : DR. CHARLIE HORTON - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 3808 - Date : 2010 6 20  
 Float : 1900438 - Cycle : 293 - PI : DR. CHARLIE HORTON - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 3808 - Date : 2010 6 24  
 Float : 1900438 - Cycle : 301 - PI : DR. CHARLIE HORTON - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 3808 - Date : 2010 7 10  
 Float : 1900438 - Cycle : 303 - PI : DR. CHARLIE HORTON - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 3808 - Date : 2010 7 14  
 Float : 1902189 - Cycle : 246 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : NAVIS\_A - WMO inst type : 863 - FLOAT SERIAL : 0835 - Date : 2025 2 2  
 Float : 1902408 - Cycle : 115 - PI : SUSAN WIJFFELS, STEVEN JAYNE, PELLE ROBBINS - Data mode : R - Platform type : S2A - WMO inst type : 854 - FLOAT SERIAL : 7675 - Date : 2025 2 10  
 Float : 2900093 - Cycle : 375 - PI : CHARLIE HORTON - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 657 - Date : 2007 8 30  
 Float : 2900365 - Cycle : 257 - PI : CHARLIE HORTON - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 1498 - Date : 2006 6 22  
 Float : 2900365 - Cycle : 259 - PI : CHARLIE HORTON - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 1498 - Date : 2006 6 27  
 Float : 2900383 - Cycle : 27 - PI : CHARLIE HORTON - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 1762 - Date : 2006 7 30  
 Float : 2900622 - Cycle : 1 - PI : CHARLIE HORTON - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 3070 - Date : 2007 6 17  
 Float : 2900622 - Cycle : 3 - PI : CHARLIE HORTON - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 3070 - Date : 2007 6 21  
 Float : 2900622 - Cycle : 5 - PI : CHARLIE HORTON - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 3070 - Date : 2007 6 25  
 Float : 2900799 - Cycle : 117 - PI : CHARLIE HORTON - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 3288 - Date : 2008 4 29  
 Float : 2900799 - Cycle : 121 - PI : CHARLIE HORTON - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 3288 - Date : 2008 5 7  
 Float : 2900823 - Cycle : 35 - PI : DR. CHARLIE HORTON - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 3752 - Date : 2008 9 16  
 Float : 2901135 - Cycle : 11 - PI : DR. CHARLIE HORTON - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 4197 - Date : 2009 4 30  
 Float : 2901147 - Cycle : 20 - PI : DR. CHARLIE HORTON - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 4615 - Date : 2009 9 19  
 Float : 2901147 - Cycle : 23 - PI : DR. CHARLIE HORTON - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 4615 - Date : 2009 10 1  
 Float : 2901147 - Cycle : 27 - PI : DR. CHARLIE HORTON - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 4615 - Date : 2009 10 17  
 Float : 2901147 - Cycle : 28 - PI : DR. CHARLIE HORTON - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 4615 - Date : 2009 10 21  
 Float : 2901147 - Cycle : 29 - PI : DR. CHARLIE HORTON - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 4615 - Date : 2009 10 25  
 Float : 2901366 - Cycle : 239 - PI : DR. CHARLIE HORTON - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 3988 - Date : 2011 3 19  
 Float : 2901370 - Cycle : 308 - PI : DR. CHARLIE HORTON - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 4022 - Date : 2013 4 3  
 Float : 2901411 - Cycle : 57 - PI : CARL SZCZECHOWSKI - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 5436 - Date : 2012 4 14  
 Float : 2901411 - Cycle : 140 - PI : CARL SZCZECHOWSKI - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 5436 - Date : 2013 3 12  
 Float : 2901431 - Cycle : 31 - PI : CARL SZCZECHOWSKI - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 5511 - Date : 2012 7 29  
 Float : 2901431 - Cycle : 118 - PI : CARL SZCZECHOWSKI - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 5511 - Date : 2013 7 12  
 Float : 2901431 - Cycle : 123 - PI : CARL SZCZECHOWSKI - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 5511 - Date : 2013 8 1  
 Float : 2901431 - Cycle : 124 - PI : CARL SZCZECHOWSKI - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 5511 - Date : 2013 8 5  
 Float : 2901431 - Cycle : 125 - PI : CARL SZCZECHOWSKI - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 5511 - Date : 2013 8 9  
 Float : 2901431 - Cycle : 126 - PI : CARL SZCZECHOWSKI - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 5511 - Date : 2013 8 13  
 Float : 2901431 - Cycle : 127 - PI : CARL SZCZECHOWSKI - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 5511 - Date : 2013 8 17  
 Float : 2901431 - Cycle : 141 - PI : CARL SZCZECHOWSKI - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 5511 - Date : 2013 10 12  
 Float : 2901447 - Cycle : 375 - PI : CARL SZCZECHOWSKI - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 5710 - Date : 2016 11 7



Float : 6900098 - Cycle : 314 - PI : CHARLIE HORTON - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 1017 - Date : 2007 11 1  
 Float : 7901115 - Cycle : 25 - PI : SARAH PURKEY, DEAN ROEMMICH, NATHALIE ZILBERMAN, JOHN GILSON - Data mode : R - Platform type : SOLO\_II - WMO inst type : 853 - FLOAT SERIAL : 3271 - Date : 2025 2 6  
 Float : 7902004 - Cycle : 21 - PI : STEPHEN RISER - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 10027 - Date : 2025 1 31  
 Float : 7902004 - Cycle : 22 - PI : STEPHEN RISER - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 10027 - Date : 2025 2 10  
 Float : 7902006 - Cycle : 21 - PI : STEPHEN RISER - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 10021 - Date : 2025 2 1  
 Float : 7902010 - Cycle : 21 - PI : STEPHEN RISER - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 10000 - Date : 2025 2 2  
 Float : 7902061 - Cycle : 5 - PI : STEPHEN RISER - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 9975 - Date : 2025 2 17  
 Float : 7902101 - Cycle : 24 - PI : STEPHEN RISER/KEN JOHNSON - Data mode : A - Platform type : NAVIS\_EBR - WMO inst type : 869 - FLOAT SERIAL : 1578 - Date : 2025 2 17  
 Float : 7902136 - Cycle : 9 - PI : STEPHEN RISER/KEN JOHNSON - Data mode : A - Platform type : NAVIS\_EBR - WMO inst type : 869 - FLOAT SERIAL : 1537 - Date : 2025 2 4  
 Float : 7902136 - Cycle : 10 - PI : STEPHEN RISER/KEN JOHNSON - Data mode : A - Platform type : NAVIS\_EBR - WMO inst type : 869 - FLOAT SERIAL : 1537 - Date : 2025 2 15  
 Float : 7902136 - Cycle : 11 - PI : STEPHEN RISER/KEN JOHNSON - Data mode : A - Platform type : NAVIS\_EBR - WMO inst type : 869 - FLOAT SERIAL : 1537 - Date : 2025 2 25  
 Float : 7902138 - Cycle : 1 - PI : STEPHEN RISER/KEN JOHNSON - Data mode : A - Platform type : NAVIS\_EBR - WMO inst type : 869 - FLOAT SERIAL : 1446 - Date : 2025 1 11

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

Float : 4903393 - Cycle : 105 - PI : GREGORY C. JOHNSON - Data mode : D - Platform type : NAVIS\_A - WMO inst type : 863 - FLOAT SERIAL : 1377 - Date : 2025 1 31

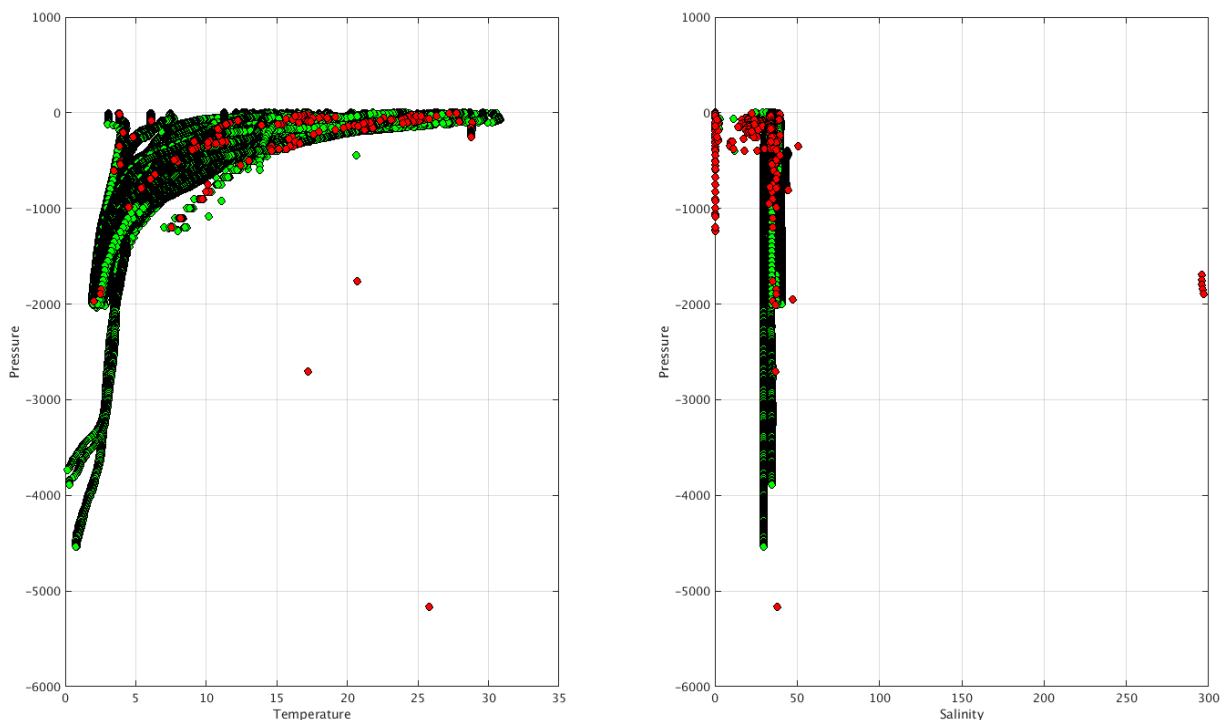
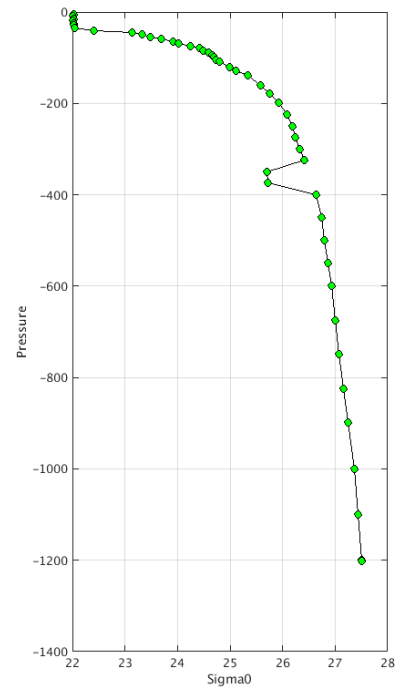
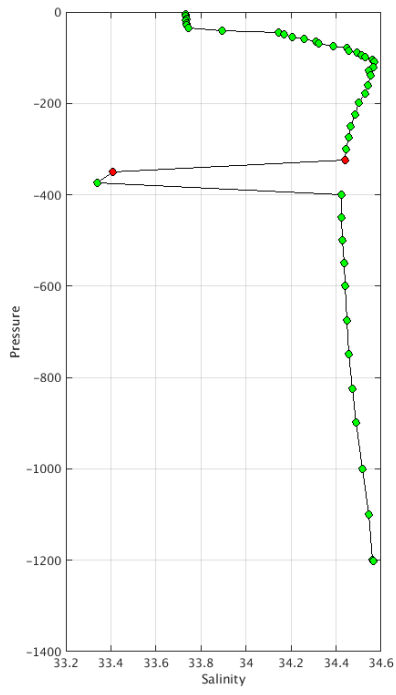
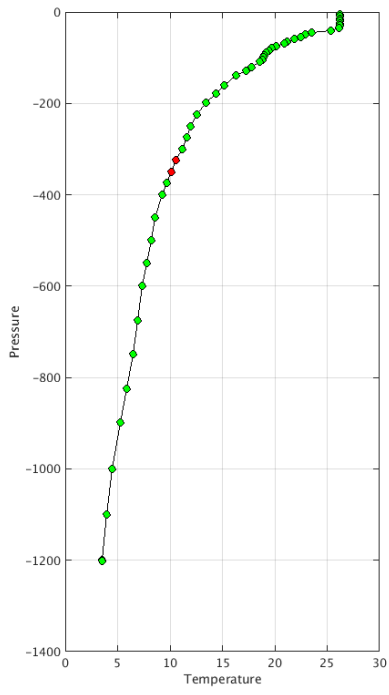


Figure : Profiles 1-100

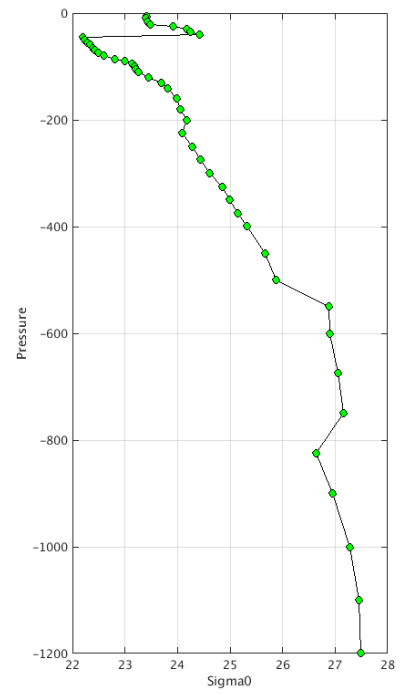
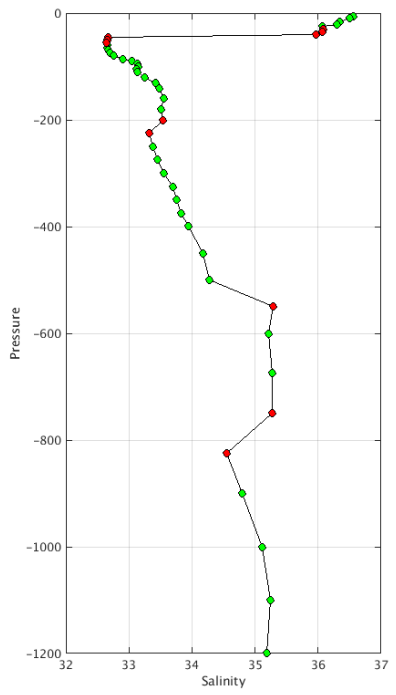
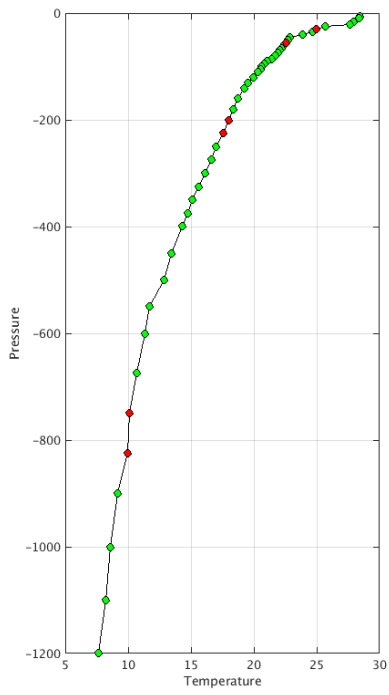
The list of the anomalies can be found at <https://data-argo.ifremer.fr/etc/ObjectiveAnalysisWarning/aoml/>

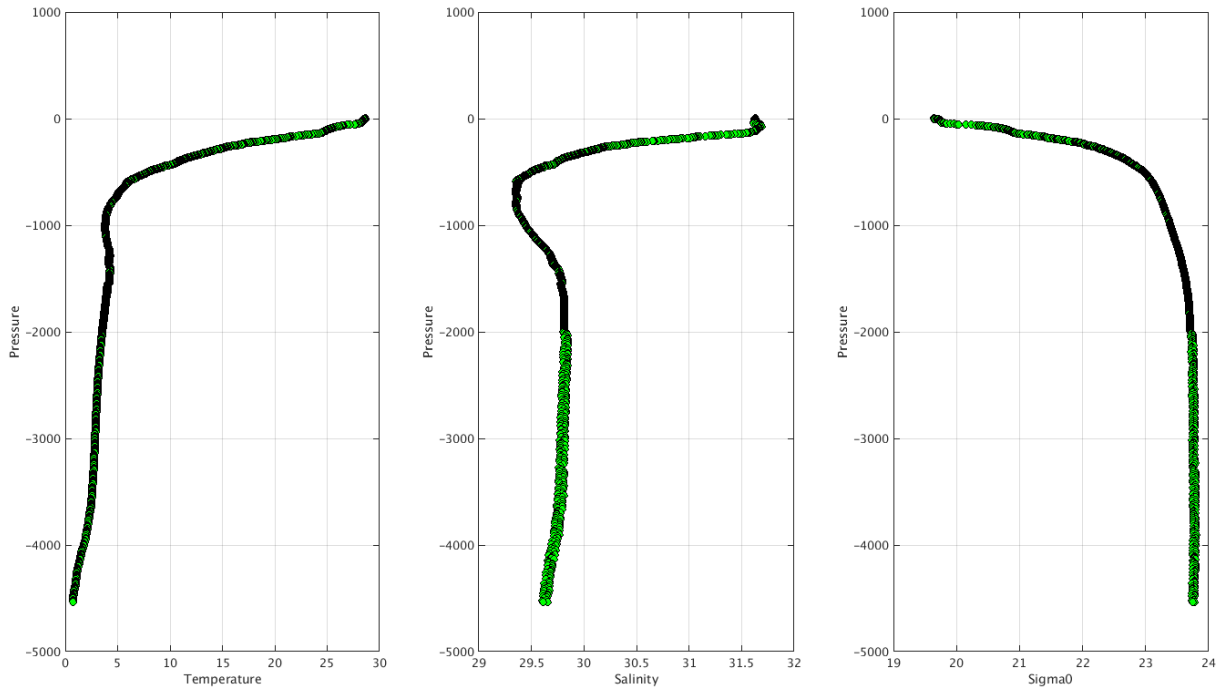
Example of anomalies:

Warning MinMax Anomalies 2025 February TEMP PSAL : DAC AO- Float 2901135 - 11



Warning MinMax Anomalies 2025 February TEMP PSAL : DAC AO- Float 2901431 - 141





**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, .....

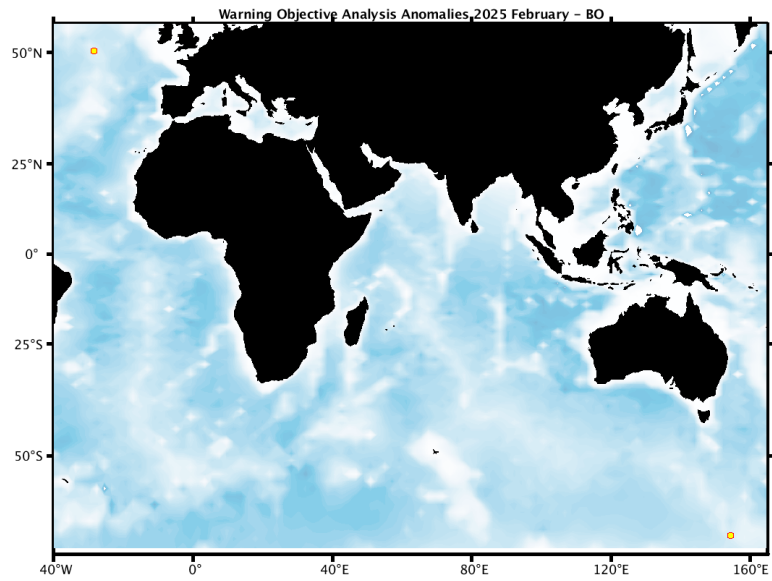
PI\_name = CARL SZCZECOWSKI - **Float 6900376 cycle 44 to cycle 92 – cycle 98 to 128 – cycle 131 to 135**

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

## 5.2. DAC BODC

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

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

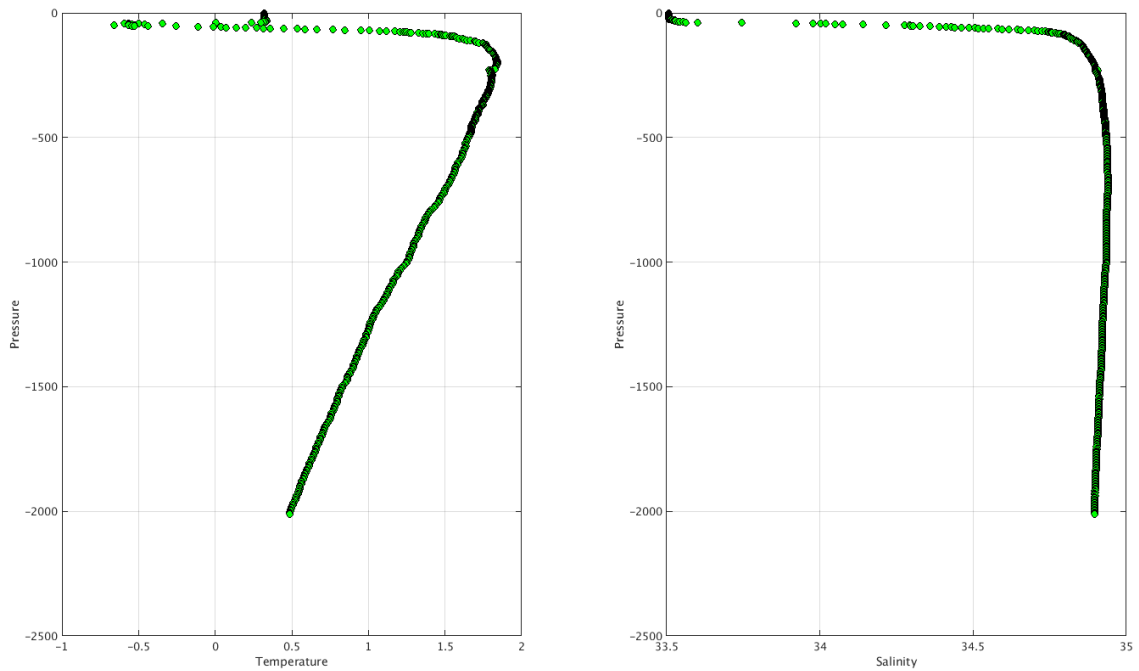


**Status of corrections:** Correction in progress, no regular feedback.

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

Float : 3901583 - Cycle : 35 - PI : Nathan Briggs - Data mode : R - Platform type : PROVOR\_V\_JUMBO - WMO inst type : 834 - FLOAT SERIAL : P53851-23UK005 - Date : 2025 1 6  
Float : 3901960 - Cycle : 258 - PI : Romain CANCOUET - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : AI2600-16FR103 - Date : 2025 2 4

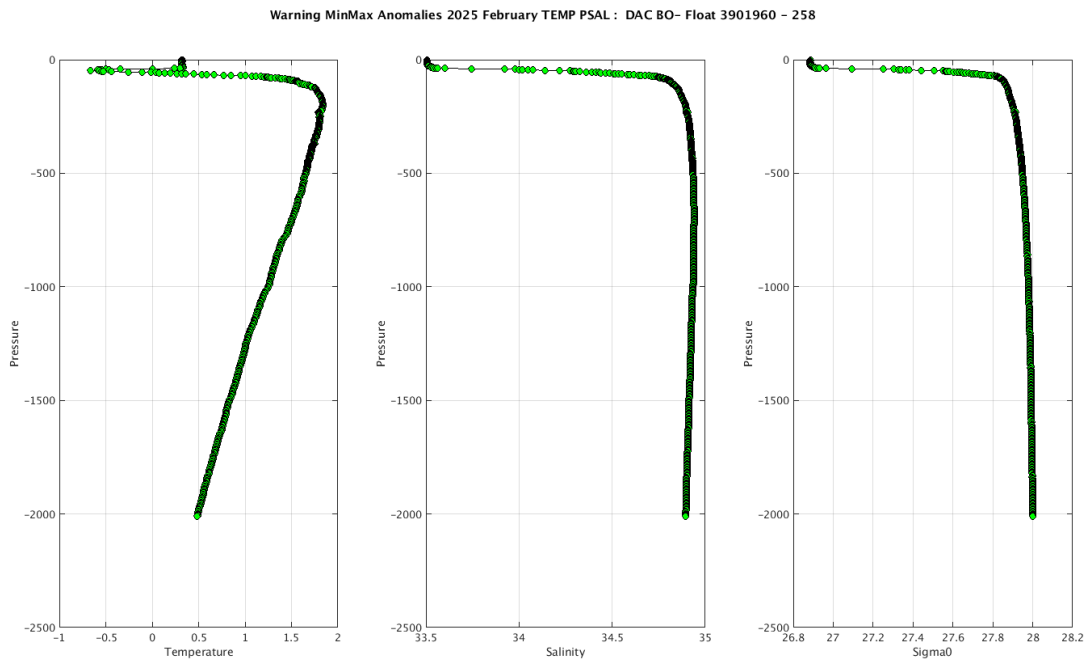
### Files data mode='D'



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



Example of anomalies:



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

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

```

D6901129_219.nc      PRES =
D6901129_225.nc      823.8,   nan,   nan,   nan,   nan,   nan,   nan,   nan,
D6901129_226.nc      nan,   nan,   nan,   nan,   nan,   nan,   nan,   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, ....) -> BGC files are in DM mode !!

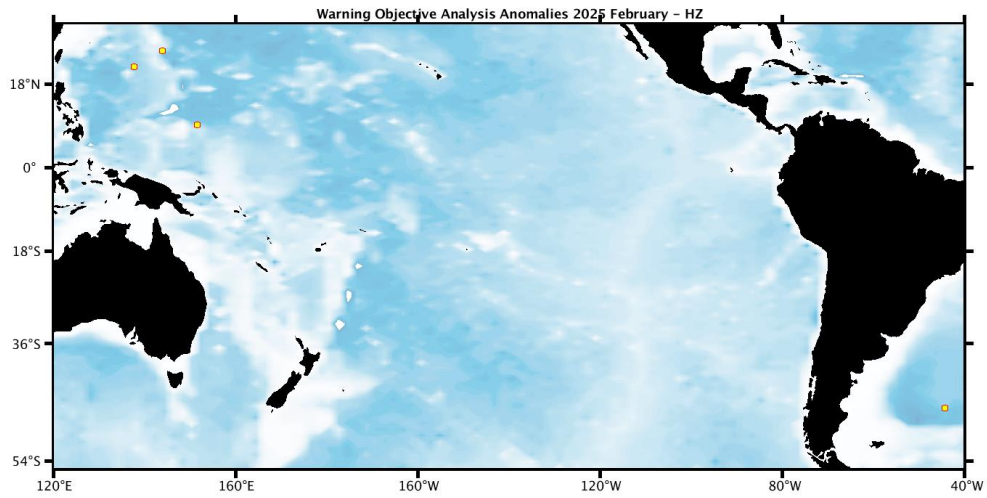
```

D6901181_359.nc      16-Aug-2023 15:38 552K
D6901181_360.nc      16-Aug-2023 15:38 473K
D6901181_361.nc      16-Aug-2023 15:38 459K
D6901181_362.nc      16-Aug-2023 15:38 455K
D6901181_363.nc      16-Aug-2023 15:38 471K
D6901181_364.nc      16-Aug-2023 15:38 419K
D6901181_365.nc      16-Aug-2023 15:38 468K
D6901181_366.nc      16-Aug-2023 15:38 420K
D6901181_367.nc      16-Aug-2023 15:38 438K
R6901181_001D.nc      11-Aug-2023 00:32 51K
R6901181_002D.nc      11-Aug-2023 00:32 172K
R6901181_003.nc      11-Aug-2023 00:32 161K
R6901181_003D.nc      11-Aug-2023 00:32 131K
R6901181_004.nc      11-Aug-2023 00:32 155K
R6901181_004D.nc      11-Aug-2023 00:32 178K
R6901181_005D.nc      11-Aug-2023 00:32 175K
R6901181_006D.nc      11-Aug-2023 00:32 485K
R6901181_007D.nc      11-Aug-2023 00:32 343K
R6901181_008.nc      11-Aug-2023 00:33 152K
R6901181_008D.nc      11-Aug-2023 00:33 222K
R6901181_009D.nc      11-Aug-2023 00:33 171K
R6901181_010.nc      11-Aug-2023 00:33 143K
R6901181_010D.nc      11-Aug-2023 00:33 589K
    ....
    
```

### 5.3. DAC CSIO

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

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

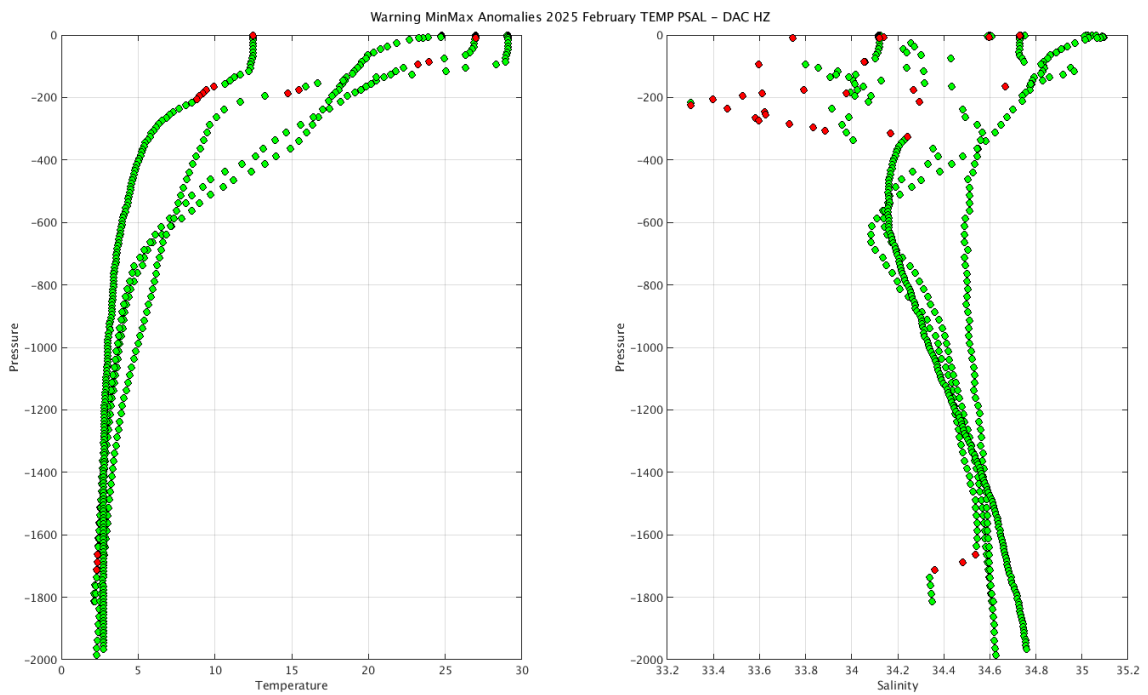


**Status of corrections:** *No regular feedback, corrections seem done.*

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

- Float : 2901551 - Cycle : 230 - PI : Shangping Xie - Data mode : A - Platform type : PROVOR - WMO inst type : 841 - FLOAT SERIAL : OIN-13CH-HPX-02 - Date : 2015 5 2
- Float : 2901563 - Cycle : 215 - PI : Shangping Xie - Data mode : A - Platform type : PROVOR - WMO inst type : 841 - FLOAT SERIAL : OIN-13CH-HPX-14 - Date : 2014 12 13
- Float : 2902803 - Cycle : 210 - PI : FENG ZHOU - Data mode : A - Platform type : PROVOR - WMO inst type : 841 - FLOAT SERIAL : P32800-20CH021 - Date : 2025 2 6
- Float : 2902835 - Cycle : 55 - PI : YU ZHANG - Data mode : A - Platform type : PROVOR - WMO inst type : 841 - FLOAT SERIAL : P32826-18CH015 - Date : 2023 6 10

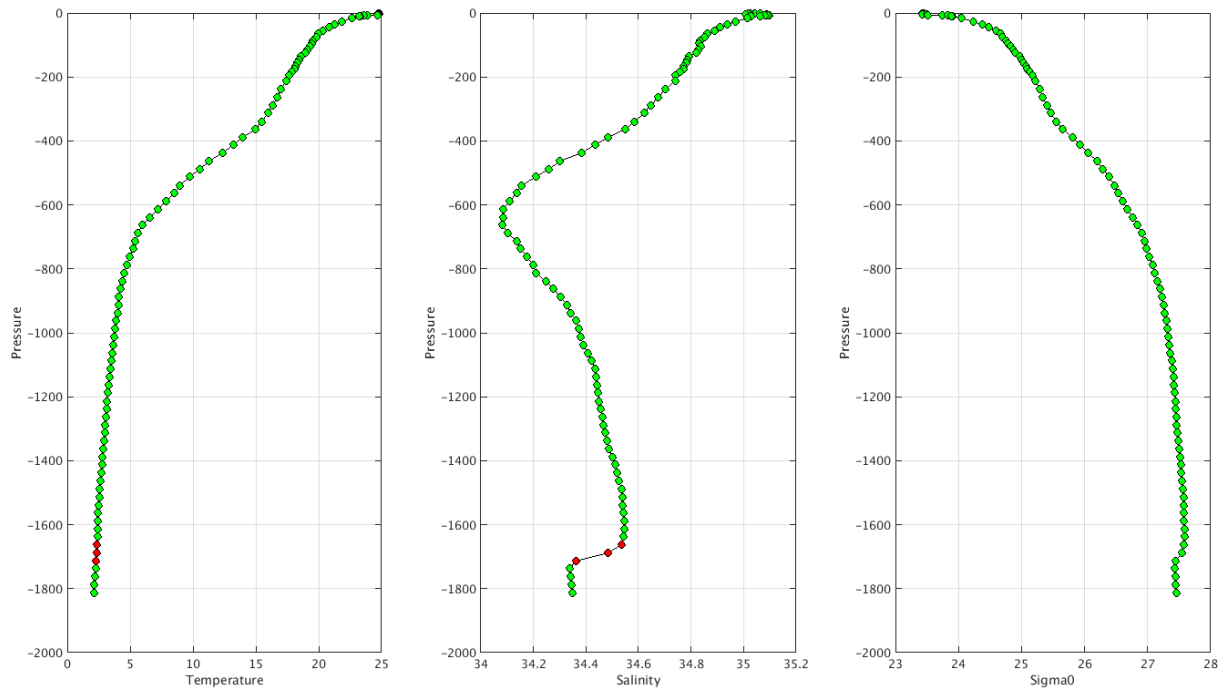
**Files data\_mode='D'**



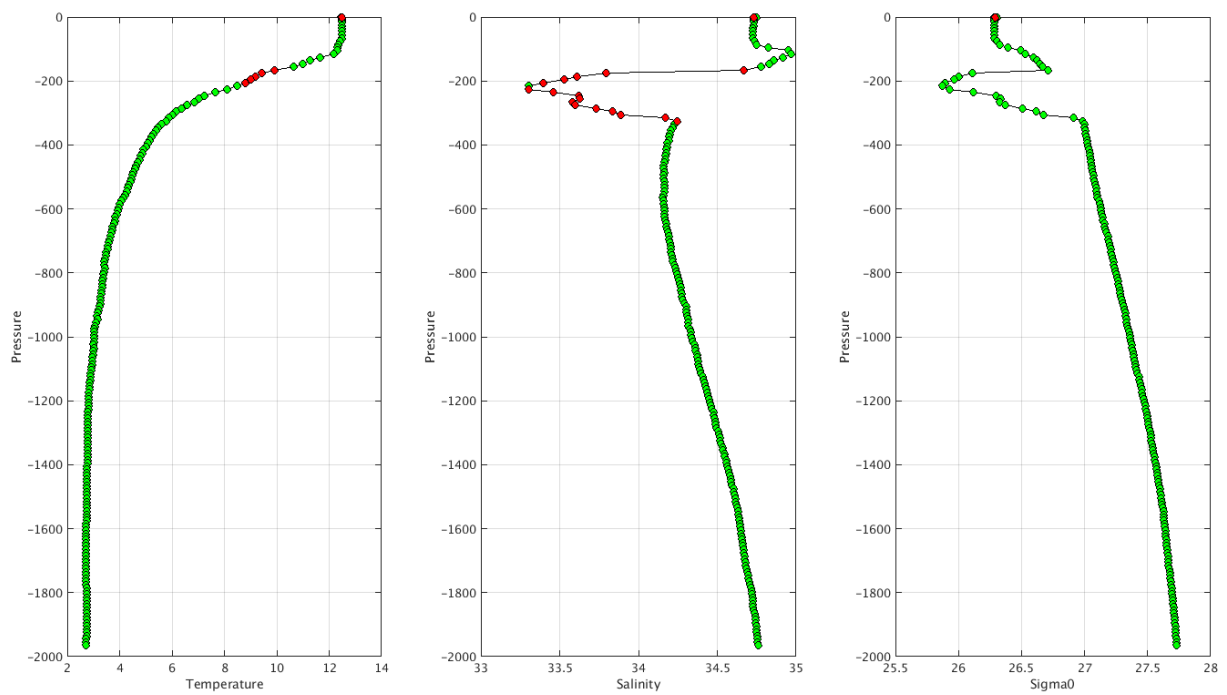
The list of the anomalies can be found at <https://data-argo.ifremer.fr/etc/ObjectiveAnalysisWarning/csio/>

Example of anomalies:

Warning MinMax Anomalies 2025 February TEMP PSAL : DAC HZ- Float 2901551 - 230



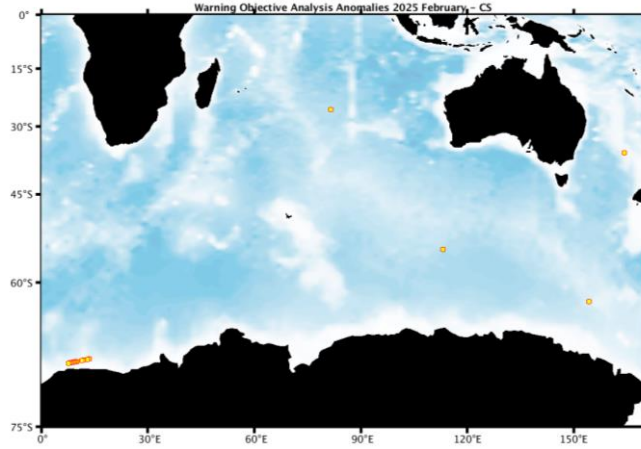
Warning MinMax Anomalies 2025 February TEMP PSAL : DAC HZ- Float 2902835 - 55



5.4. DAC CSIRO

Profiles detected by the objective analysis: 15 profiles (5 floats but floats can have several cycles with anomalies)

Data_mode ='R'	Data_mode ='A'	Data_mode ='D'
0 cycle	4 cycles	11 cycles



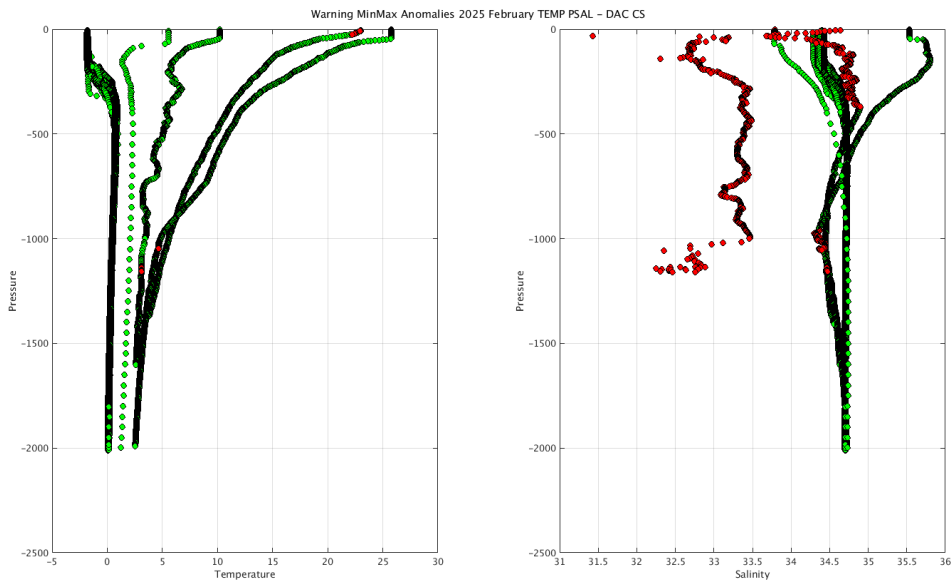
**Status of corrections:** Corrections done or in progress, regular feedback.

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

- Float : 1901139 - Cycle : 155 - PI : Susan Wijffels - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 3762 - Date : 2008 12 29
- Float : 5905507 - Cycle : 106 - PI : Peter Oke - Data mode : A - Platform type : NAVIS\_EBR - WMO inst type : 869 - FLOAT SERIAL : 1332 - Date : 2025 2 4
- Float : 5905561 - Cycle : 35 - PI : Peter Oke - Data mode : A - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : AI2600-23AU107 - Date : 2025 2 13
- Float : 7900921 - Cycle : 145 - PI : Steve Rintoul - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 9026 - Date : 2025 2 6

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

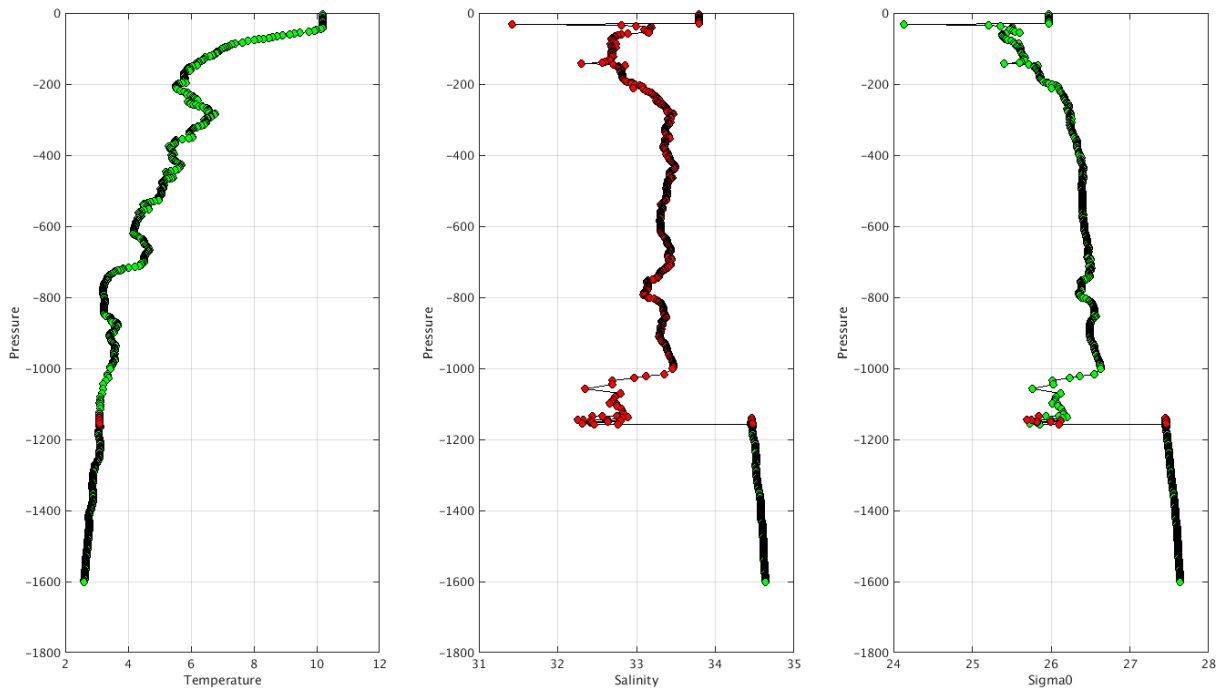
- Float : 7900893 - Cycle : 159 - PI : Peter Oke - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 8848 - Date : 2024 5 19
- Float : 7900893 - Cycle : 160 - PI : Peter Oke - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 8848 - Date : 2024 5 29
- Float : 7900893 - Cycle : 163 - PI : Peter Oke - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 8848 - Date : 2024 6 28
- Float : 7900893 - Cycle : 164 - PI : Peter Oke - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 8848 - Date : 2024 7 8
- Float : 7900893 - Cycle : 168 - PI : Peter Oke - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 8848 - Date : 2024 8 17
- Float : 7900893 - Cycle : 169 - PI : Peter Oke - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 8848 - Date : 2024 8 26
- Float : 7900893 - Cycle : 170 - PI : Peter Oke - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 8848 - Date : 2024 9 5
- Float : 7900893 - Cycle : 171 - PI : Peter Oke - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 8848 - Date : 2024 9 15
- Float : 7900893 - Cycle : 172 - PI : Peter Oke - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 8848 - Date : 2024 9 25
- Float : 7900893 - Cycle : 173 - PI : Peter Oke - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 8848 - Date : 2024 10 5
- Float : 7900893 - Cycle : 174 - PI : Peter Oke - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 8848 - Date : 2024 10 15



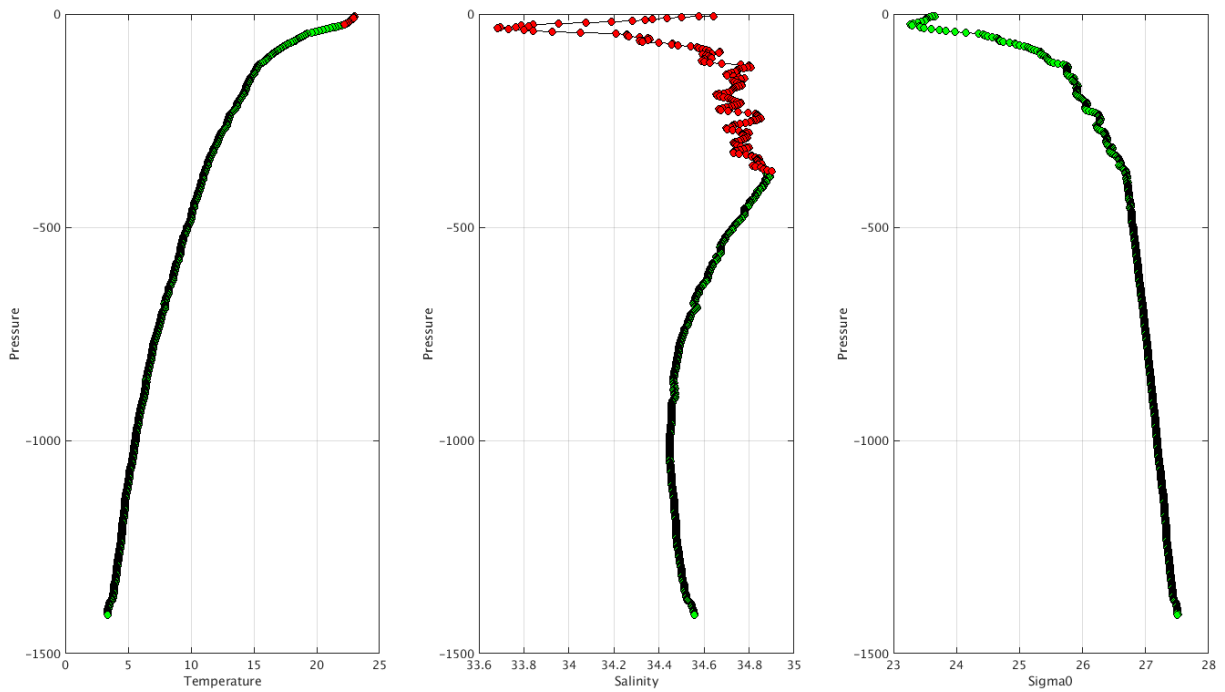
The list of the anomalies can be found at <https://data-argo.ifremer.fr/etc/ObjectiveAnalysisWarning/csiro/>

Example of anomalies:

Warning MinMax Anomalies 2025 February TEMP PSAL : DAC CS- Float 1901139 - 155



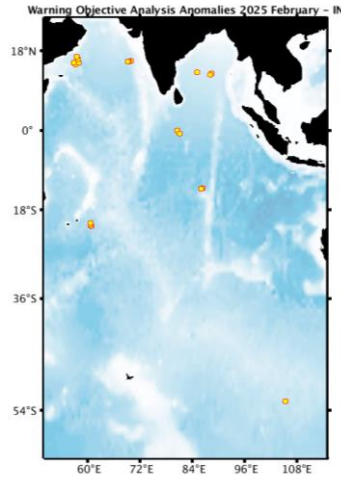
Warning MinMax Anomalies 2025 February TEMP PSAL : DAC CS- Float 5905507 - 106



5.5. DAC INCOIS

Profiles detected by the objective analysis: 19 profiles (8 floats but floats can have several cycles with anomalies)

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

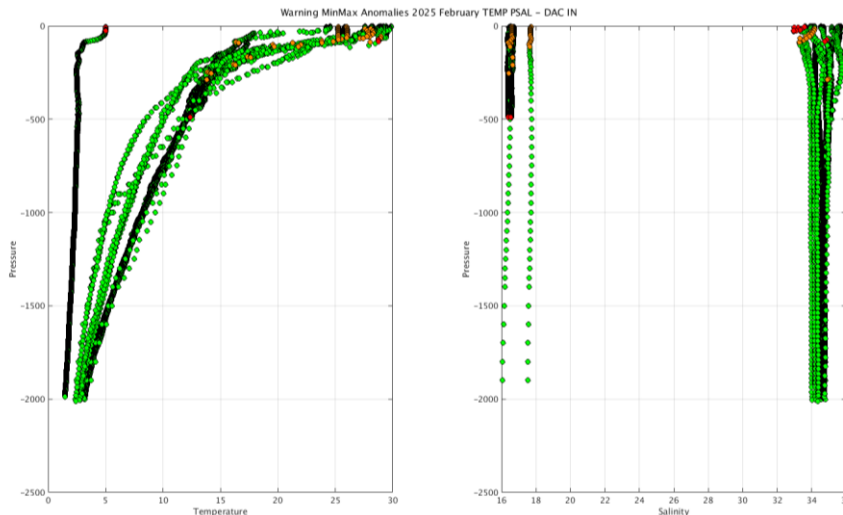


**Status of corrections: Corrections done or in progress, some feedbacks. (A re-decoding for a certain type of floats handled at Coriolis may explain the large number of anomalies).**

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

- Float : 2901325 - Cycle : 1 - PI : M Ravichandran - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 4726 - Date : 2011 6 19
- Float : 2902175 - Cycle : 290 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7123 - Date : 2018 9 30
- Float : 2902175 - Cycle : 291 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7123 - Date : 2018 10 10
- Float : 2902175 - Cycle : 292 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7123 - Date : 2018 10 20
- Float : 2902185 - Cycle : 340 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7530 - Date : 2025 2 6
- Float : 2902185 - Cycle : 341 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7530 - Date : 2025 2 16
- Float : 2902185 - Cycle : 342 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7530 - Date : 2025 2 26
- Float : 2902209 - Cycle : 220 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7826 - Date : 2022 8 18
- Float : 2902209 - Cycle : 221 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7826 - Date : 2022 8 27
- Float : 2902209 - Cycle : 234 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7826 - Date : 2023 1 2
- Float : 2902209 - Cycle : 235 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7826 - Date : 2023 1 12
- Float : 2902209 - Cycle : 236 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7826 - Date : 2023 1 22
- Float : 2902296 - Cycle : 182 - PI : M Ravichandran - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 8673 - Date : 2025 2 7
- Float : 5907083 - Cycle : 37 - PI : M Ravichandran - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 23003 - Date : 2024 9 13
- Float : 5907083 - Cycle : 51 - PI : M Ravichandran - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 23003 - Date : 2025 1 31
- Float : 5907083 - Cycle : 52 - PI : M Ravichandran - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 23003 - Date : 2025 2 10
- Float : 6990617 - Cycle : 39 - PI : M Ravichandran - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 23035 - Date : 2025 2 2
- Float : 6990617 - Cycle : 40 - PI : M Ravichandran - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 23035 - Date : 2025 2 12
- Float : 7902250 - Cycle : 3 - PI : M Ravichandran - Data mode : R - Platform type : PROVOR\_III - WMO inst type : 836 - FLOAT SERIAL : P41305-24IN004 - Date : 2025 1 23

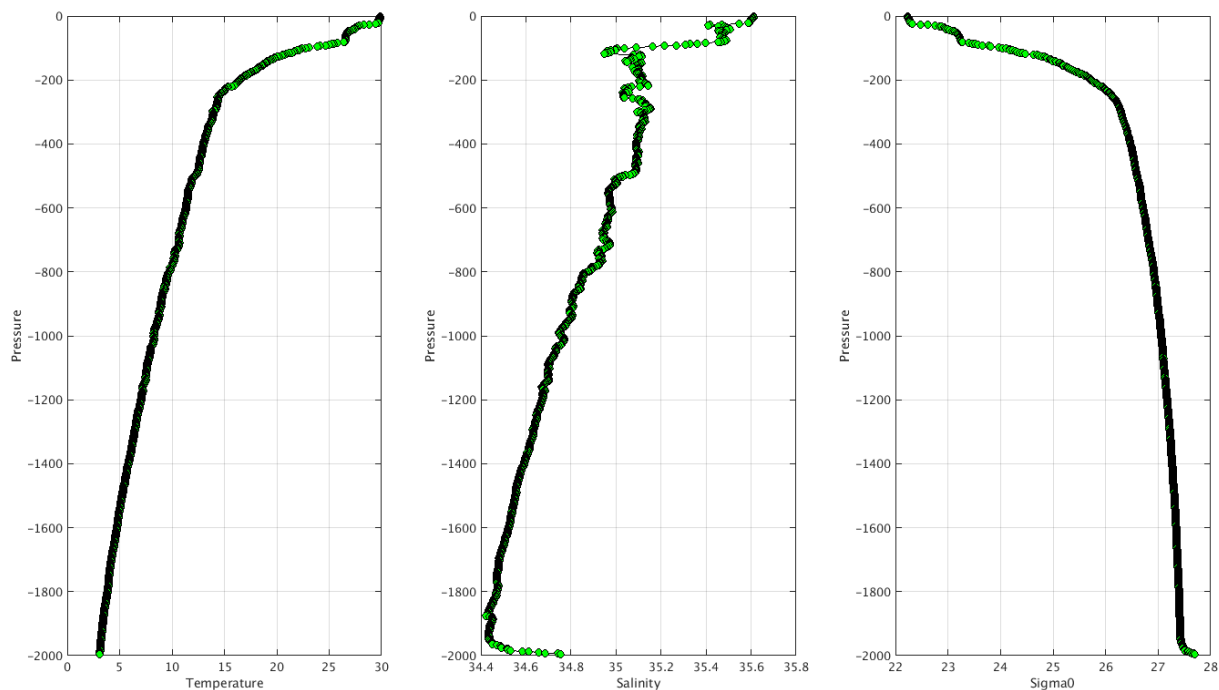
**Files data\_mode='D'**



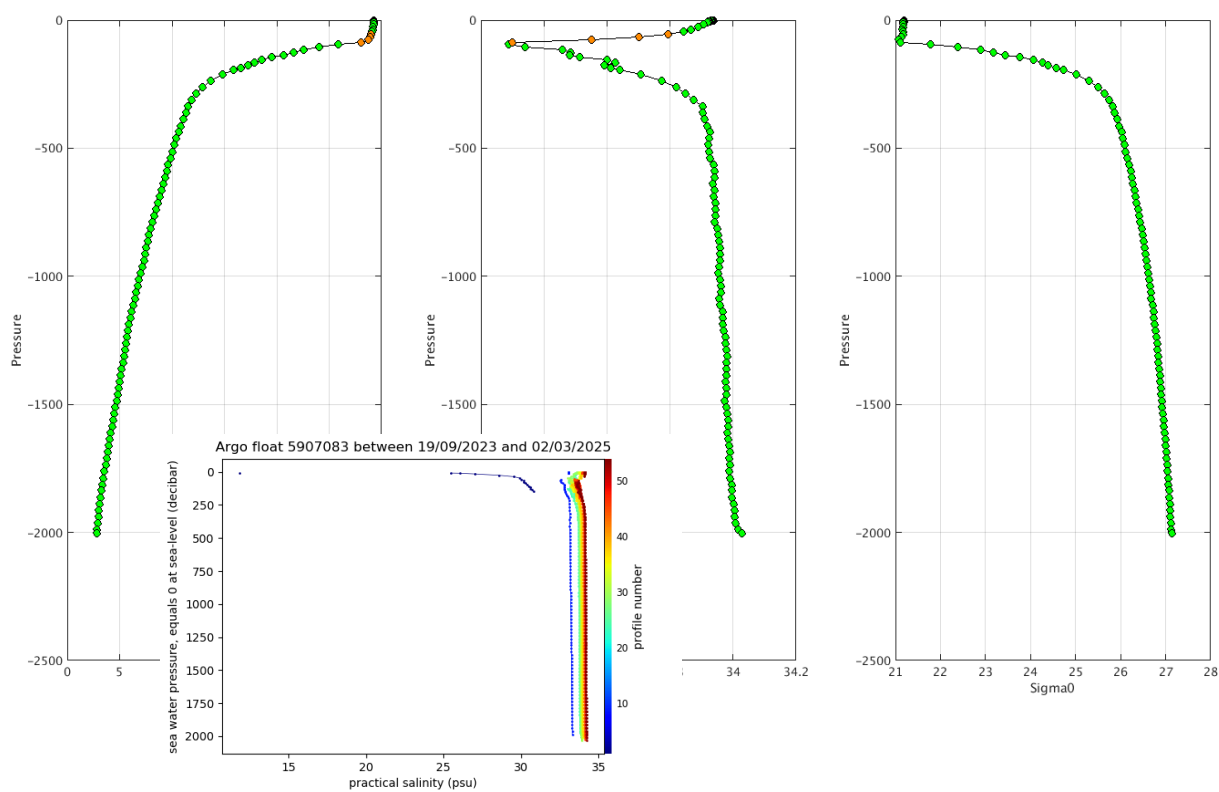
The list of the anomalies can be found at <https://data-argo.ifremer.fr/etc/ObjectiveAnalysisWarning/incois/>

Example of anomalies:

Warning MinMax Anomalies 2025 February TEMP PSAL : DAC IN- Float 2902175 - 292



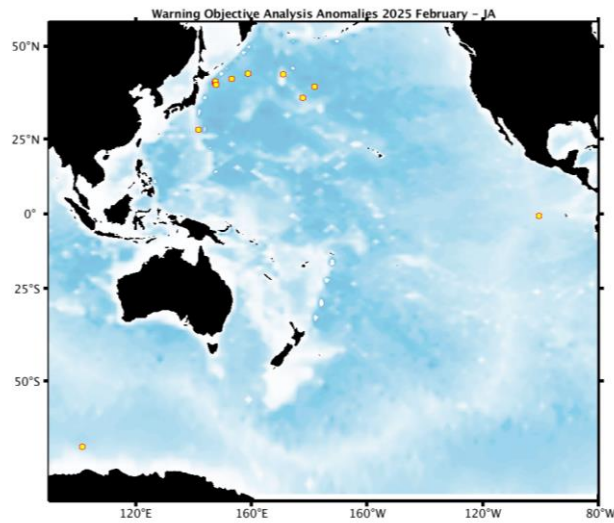
Warning MinMax Anomalies 2025 February TEMP PSAL : DAC IN- Float 5907083 - 37



## 5.6. DAC JMA/JAMSTEC

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

Data_mode = 'R'	Data_mode = 'A'	Data_mode = 'D'
1 cycle	10 cycles	0 cycle

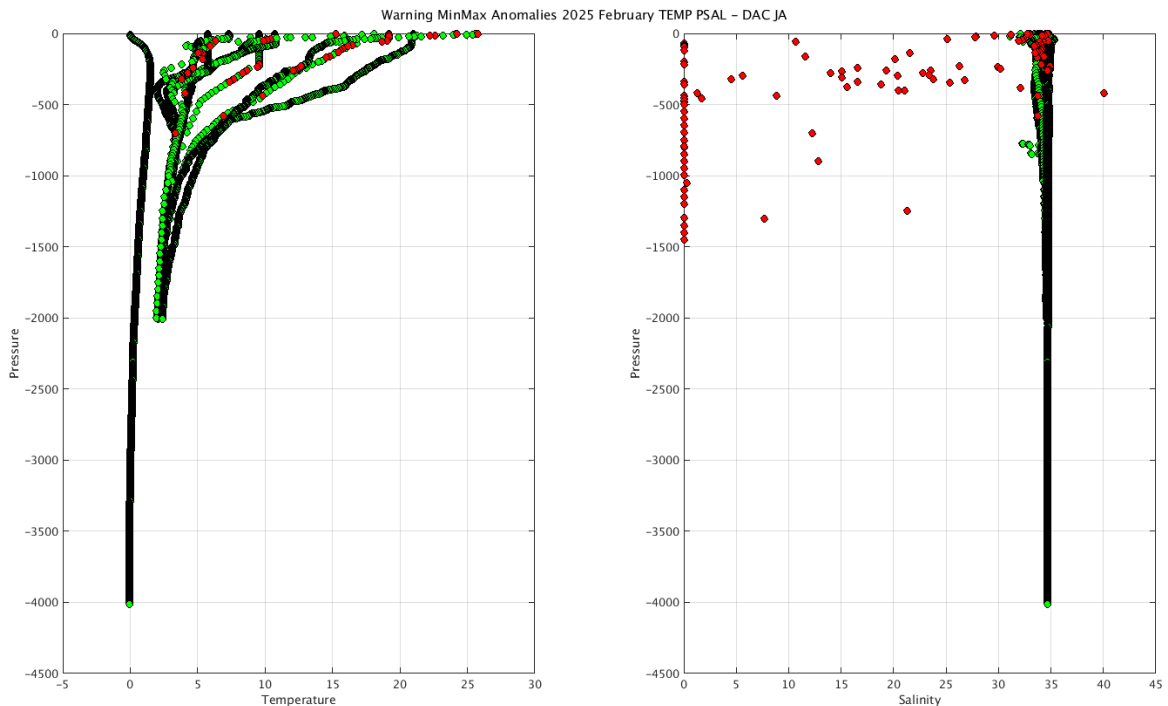


**Status of corrections:** Correction in progress, feedbacks each month

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

Float : 2900737 - Cycle : 134 - PI : Yugo Shimizu - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 3771 - Date : 2010 9 23  
 Float : 2900926 - Cycle : 204 - PI : Toshio Suga - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 3759 - Date : 2010 2 24  
 Float : 2902514 - Cycle : 257 - PI : JMA - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 6913 - Date : 2017 11 9  
 Float : 2903008 - Cycle : 309 - PI : JAMSTEC - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 6189 - Date : 2013 12 15  
 Float : 2903011 - Cycle : 73 - PI : JAMSTEC - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 6188 - Date : 2012 8 17  
 Float : 2903168 - Cycle : 207 - PI : JAMSTEC - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 6201 - Date : 2014 1 24  
 Float : 2903171 - Cycle : 16 - PI : JAMSTEC - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 6204 - Date : 2013 2 8  
 Float : 2903176 - Cycle : 214 - PI : JAMSTEC - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 6207 - Date : 2014 2 26  
 Float : 2903726 - Cycle : 95 - PI : JMA - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : AK1000-21JP024 - Date : 2024 8 17  
 Float : 5905838 - Cycle : 226 - PI : JAMSTEC - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 8523 - Date : 2025 2 15  
 Float : 5905881 - Cycle : 55 - PI : JAMSTEC - Data mode : A - Platform type : APEX\_D - WMO inst type : 849 - FLOAT SERIAL : 34 - Date : 2021 1 8

### Files data\_mode='D'

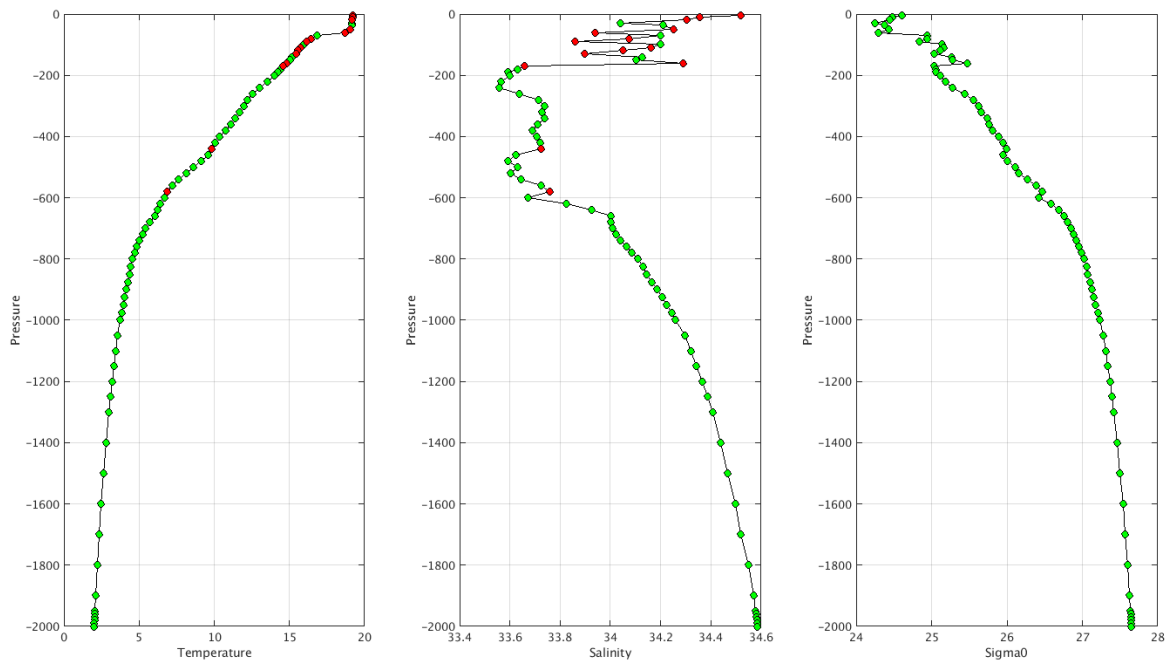




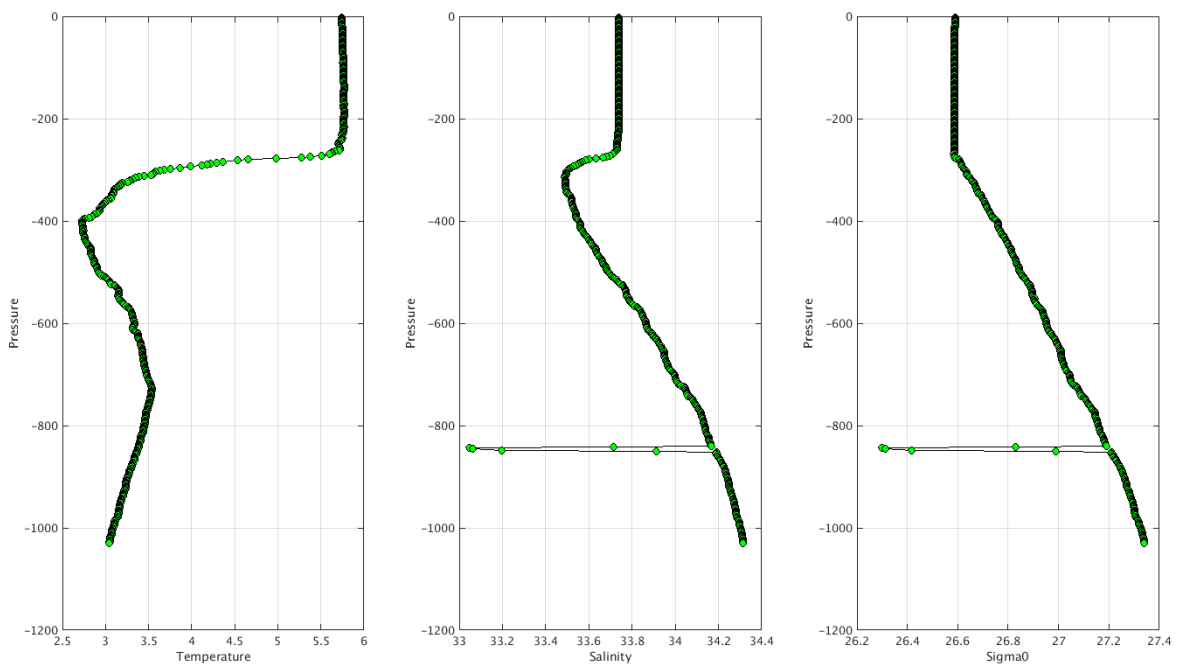
The list of the anomalies can be found at <https://data-argo.ifremer.fr/etc/ObjectiveAnalysisWarning/jma/>

Example of anomalies:

Warning MinMax Anomalies 2025 February TEMP PSAL : DAC JA- Float 2902514 - 257



Warning MinMax Anomalies 2025 February TEMP PSAL : DAC JA- Float 2903171 - 16



## 5.7. 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: Feedback, float not well recorded on the greylist.**

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'**

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

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

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

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

PSAL =

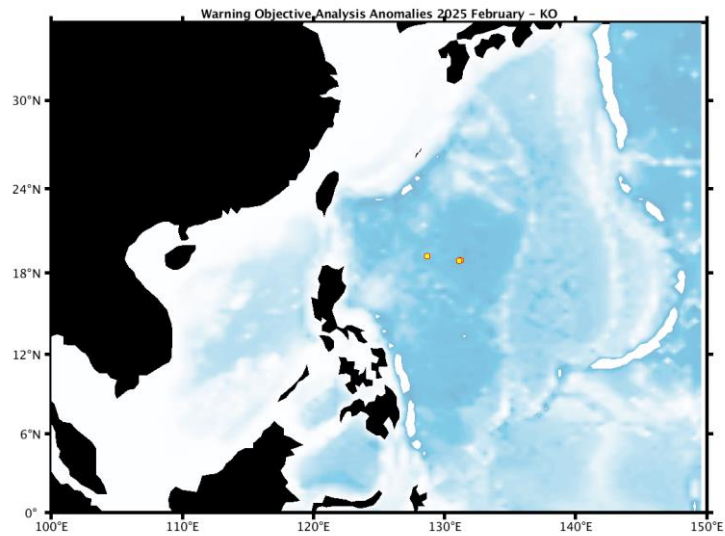
**-1073760.375, 33.900, 33.876, 33.928, 33.964, 34.015,**  
**34.028, 34.027, 34.031, 34.033, 34.034, 34.029,**

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

5.8. DAC KORDI/KIOST

Profiles detected by the objective analysis: 3 profiles (2 floats – float can have several cycles with anomalies)

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



**Status of corrections: No feedback.**

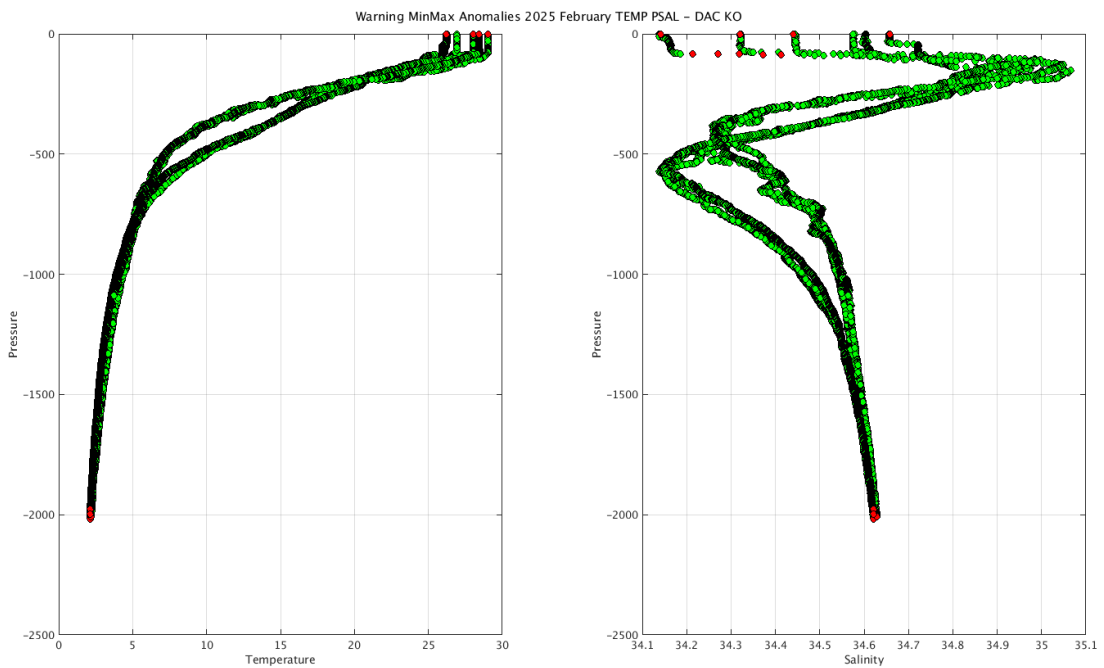
Files data\_mode='R'/'A'

Float : 2903935 - Cycle : 17 - PI : KyungHee Oh/Kyeong Ok Kim - Data mode : A - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 23005 - Date : 2025 2 7

Float : 4903824 - Cycle : 14 - PI : KyungHee Oh/Kyeong Ok Kim - Data mode : A - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 23004 - Date : 2025 1 28

Float : 4903824 - Cycle : 15 - PI : KyungHee Oh/Kyeong Ok Kim - Data mode : A - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 23004 - Date : 2025 2 7

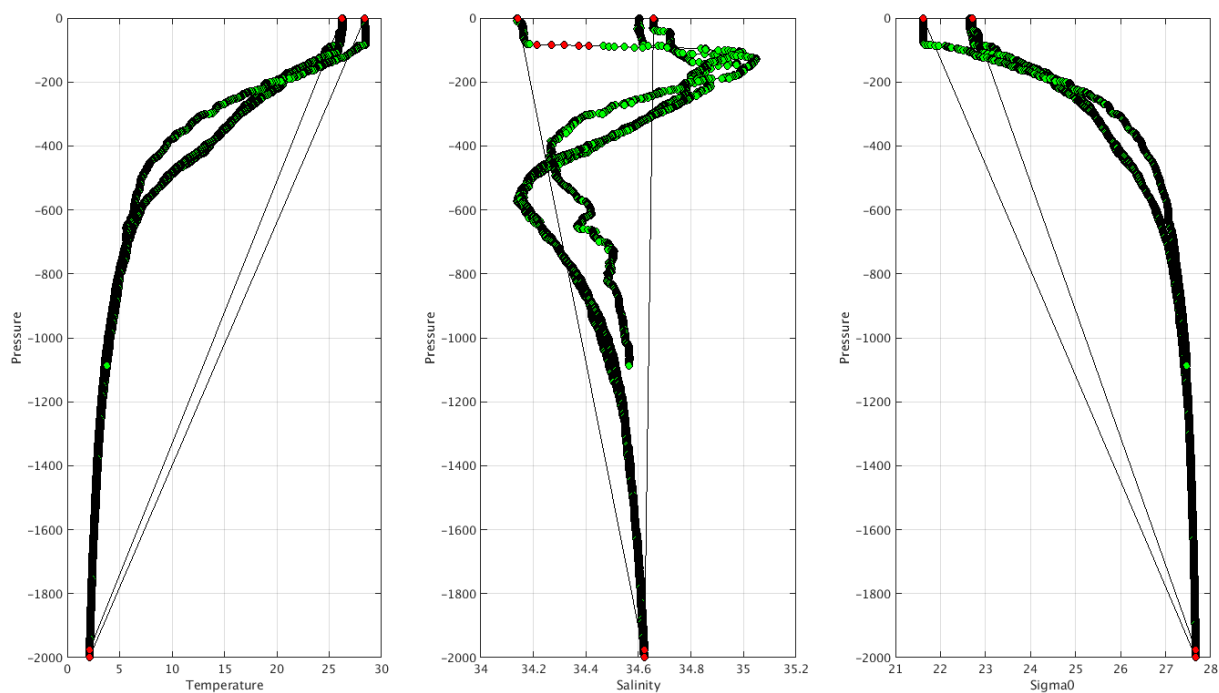
Files data\_mode='D'



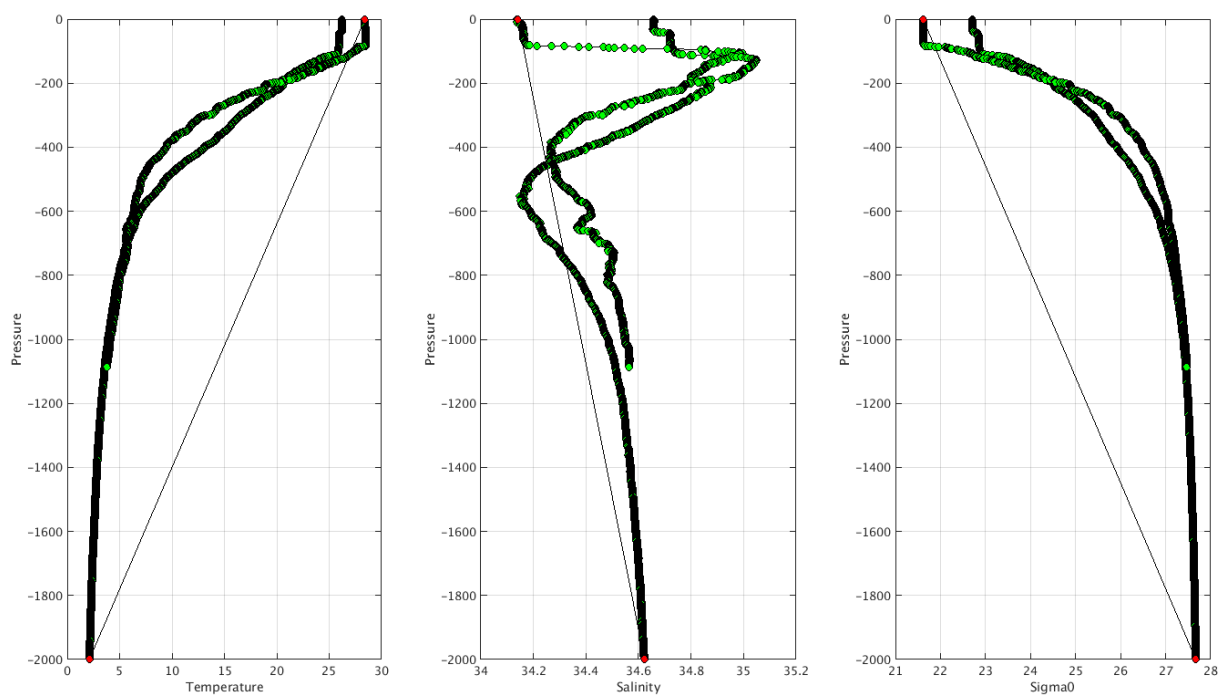
The list of the anomalies can be found at <https://data-argo.ifremer.fr/etc/ObjectiveAnalysisWarning/kordi/>

Example of anomalies:

Warning MinMax Anomalies 2025 February TEMP PSAL : DAC KO- Float 2903935 - 17



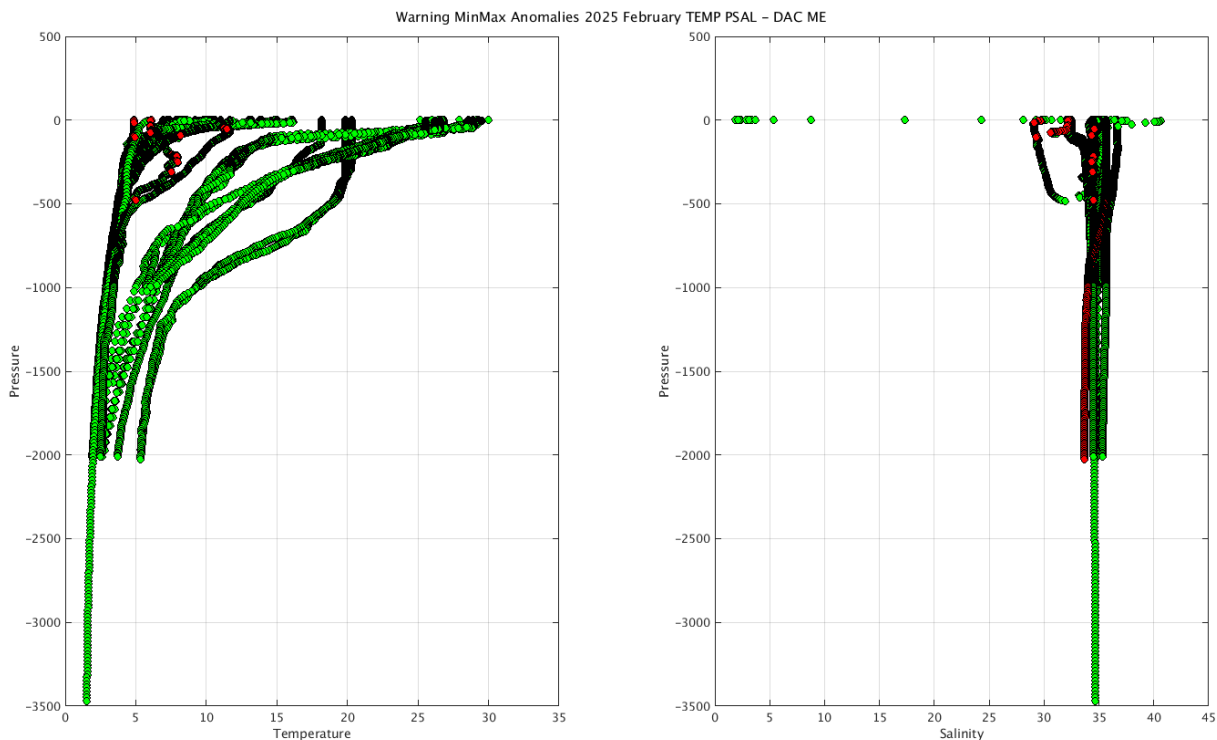
Warning MinMax Anomalies 2025 February TEMP PSAL : DAC KO- Float 4903824 - 15





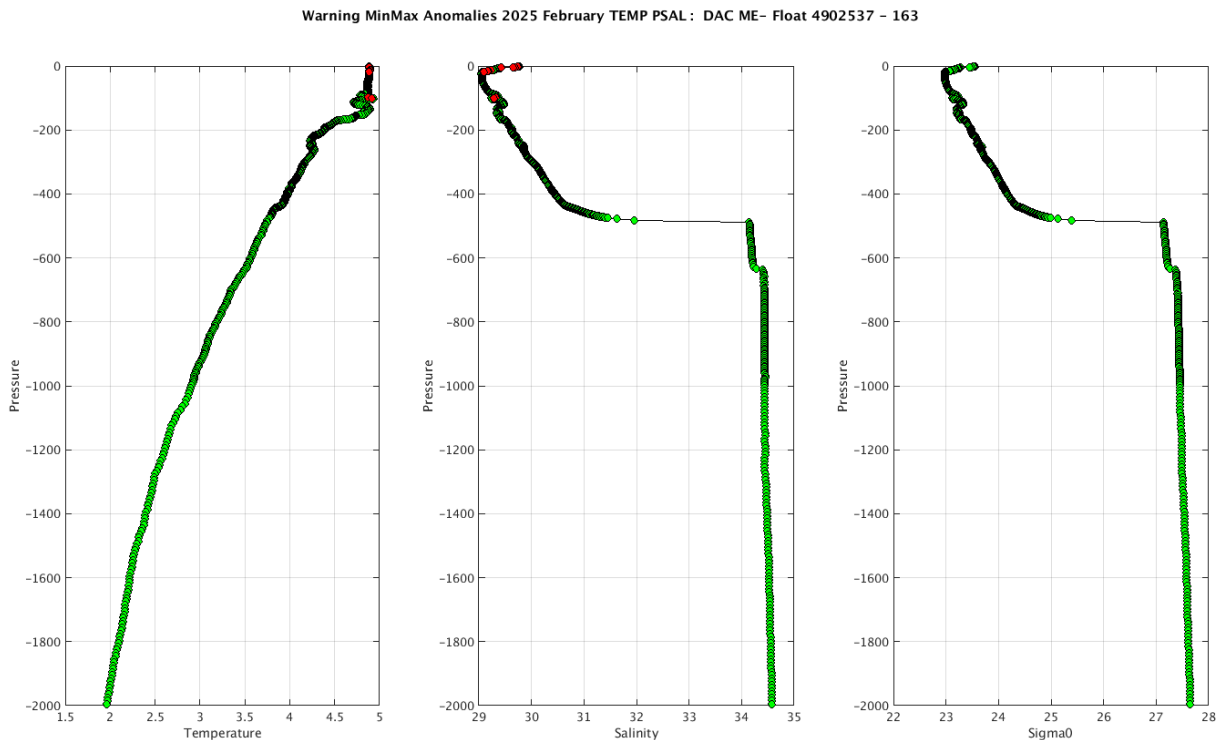
Float : 4902628 - Cycle : 1 - PI : Blair Greenan - Data mode : R - Platform type : PROVOR\_III - WMO inst type : 836 - FLOAT SERIAL : P43205-22CA003 - Date : 2022 11 22  
 Float : 4902628 - Cycle : 19 - PI : Blair Greenan - Data mode : R - Platform type : PROVOR\_III - WMO inst type : 836 - FLOAT SERIAL : P43205-22CA003 - Date : 2023 5 21  
 Float : 4902628 - Cycle : 20 - PI : Blair Greenan - Data mode : R - Platform type : PROVOR\_III - WMO inst type : 836 - FLOAT SERIAL : P43205-22CA003 - Date : 2023 5 31  
 Float : 4902628 - Cycle : 22 - PI : Blair Greenan - Data mode : R - Platform type : PROVOR\_III - WMO inst type : 836 - FLOAT SERIAL : P43205-22CA003 - Date : 2023 6 20  
 Float : 4902635 - Cycle : 2 - PI : Blair Greenan - Data mode : A - Platform type : ARVOR\_D - WMO inst type : 838 - FLOAT SERIAL : AD2700-23CA003 - Date : 2023 7 21  
 Float : 4902657 - Cycle : 31 - PI : Blair Greenan - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 260023CA02 - Date : 2025 2 7  
 Float : 4902657 - Cycle : 32 - PI : Blair Greenan - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 260023CA02 - Date : 2025 2 17

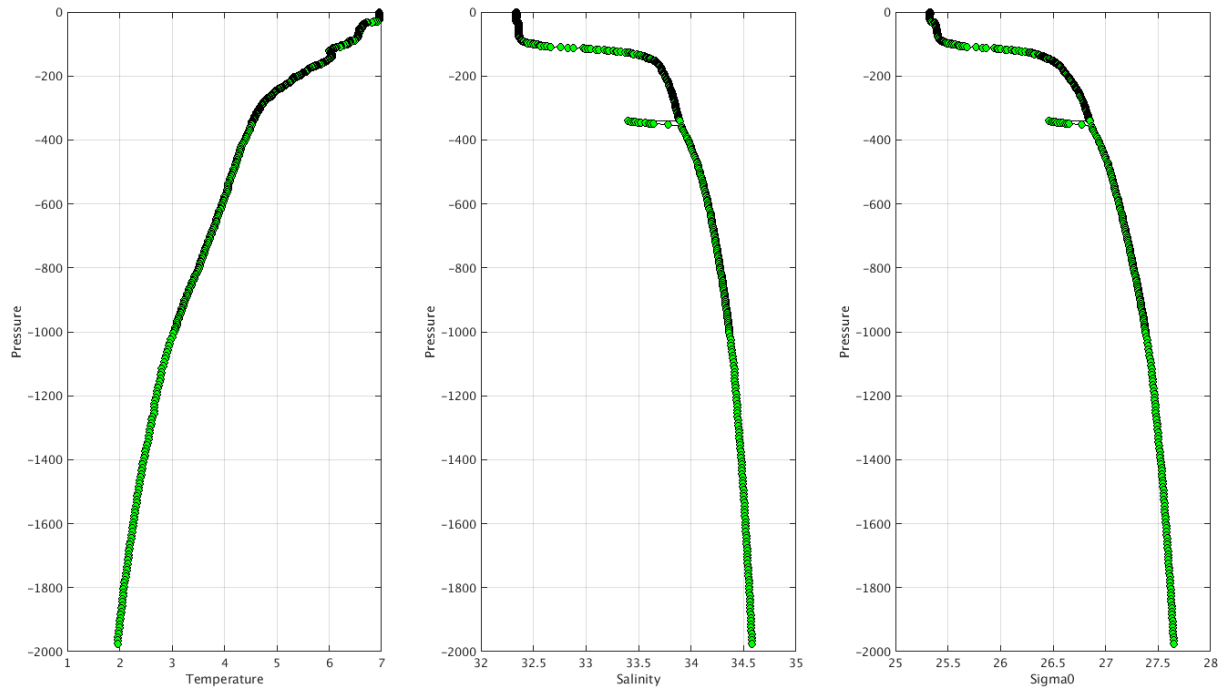
**Files data mode='D'**



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 -1701411834604690000000000000000000000000 4
ME 3900085 120 2C+ PSAL -1701411834604690000000000000000000000000 4
ME 4900512
ME 4900521
ME 4900537
ME 4900636
ME 4900877
ME 4901081
```

## 5.10. DAC NMDIS

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

INACTIVE FLOATS

**Status of corrections: No feedback on DM anomalies**

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

Example of anomalies:

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



## 6. Synthetic profiles

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

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

## 7. Instrument\_code error

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

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

WMO\_INST\_TYPE =

"872 ",  
"872 " ;

VERTICAL\_SAMPLING\_SCHEME =

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

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

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

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

## 8. File anomalies (GDAC – Real time)

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

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

## 8.1. AOML

### GDAC (missing nc files)

For some floats :

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

See below the list of floats with existing nc files :

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

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

DAC name : aoml – Number of floats : 9213

1900167 - Existing NetCDF files

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

3900148 - Existing NetCDF files

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

1900168 - Existing NetCDF files

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

3902354 - Existing NetCDF files

File : 3902354\_meta.nc - 3902354\_prof.nc

1900189 - Existing NetCDF files

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

41534 - Existing NetCDF files

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

1900244 - Existing NetCDF files

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

4900228 - Existing NetCDF files

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

1900245 - Existing NetCDF files

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

4900229 - Existing NetCDF files

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

1900255 - Existing NetCDF files

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

4900230 - Existing NetCDF files

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

1900257 - Existing NetCDF files

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

4900268 - Existing NetCDF files

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

1900748 - Existing NetCDF files

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

4900269 - Existing NetCDF files

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

1900831 - Existing NetCDF files

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

4900270 - Existing NetCDF files

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

1901658 - Existing NetCDF files

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

4900271 - Existing NetCDF files

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

2901106 - Existing NetCDF files

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

4900272 - Existing NetCDF files

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

2903871 - Existing NetCDF files

File : 2903871\_Rtraj.nc - 2903871\_meta.nc - 2903871\_tech.nc -

4900273 - Existing NetCDF files

File : 4900273\_meta.nc - 4900273\_prof.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 -

4903467 - Existing NetCDF files  
File : 4903467\_meta.nc - 4903467\_prof.nc - 4903467\_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 -

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

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

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

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

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

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

## 8.2. BODC

### GDAC (missing nc files)

For some floats :

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

### **MAINLY TRAJECTORY FILE MISSING**

See below the list of floats with existing nc files :

DAC name : bodc – Number of floats : 930

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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1901860 - Existing NetCDF files

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1901861 - Existing NetCDF files

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1901864 - Existing NetCDF files

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1902101 - Existing NetCDF files  
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1902595 - Existing NetCDF files  
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2901898 - Existing NetCDF files  
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3900559 - Existing NetCDF files  
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3900560 - Existing NetCDF files  
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3901495 - Existing NetCDF files  
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3901503 - Existing NetCDF files  
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3901507 - Existing NetCDF files  
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3901512 - Existing NetCDF files  
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3901513 - Existing NetCDF files  
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3901514 - Existing NetCDF files  
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3901515 - Existing NetCDF files  
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3901516 - Existing NetCDF files  
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3901567 - Existing NetCDF files  
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6901169 - Existing NetCDF files  
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6901170 - Existing NetCDF files  
File : 6901170\_meta.nc - 6901170\_prof.nc - 6901170\_tech.nc -  
6901171 - Existing NetCDF files  
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6901172 - Existing NetCDF files  
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6901173 - Existing NetCDF files  
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6901176 - Existing NetCDF files  
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6901177 - Existing NetCDF files  
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6901178 - Existing NetCDF files  
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6901179 - Existing NetCDF files  
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6901184 - Existing NetCDF files  
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6901185 - Existing NetCDF files  
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6901188 - Existing NetCDF files  
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6901189 - Existing NetCDF files  
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6901190 - Existing NetCDF files  
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6901191 - Existing NetCDF files  
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6901192 - Existing NetCDF files  
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6901193 - Existing NetCDF files  
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6901194 - Existing NetCDF files  
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6901195 - Existing NetCDF files  
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6901197 - Existing NetCDF files  
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6901198 - Existing NetCDF files  
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6901199 - Existing NetCDF files  
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6901200 - Existing NetCDF files  
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6901201 - Existing NetCDF files  
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6901202 - Existing NetCDF files  
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6901205 - Existing NetCDF files  
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6901207 - Existing NetCDF files  
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6901208 - Existing NetCDF files  
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6901211 - Existing NetCDF files  
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6901212 - Existing NetCDF files  
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6901213 - Existing NetCDF files  
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6901214 - Existing NetCDF files  
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6901215 - Existing NetCDF files  
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6901919 - Existing NetCDF files  
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6901920 - Existing NetCDF files  
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6901921 - Existing NetCDF files  
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6901922 - Existing NetCDF files  
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6901923 - Existing NetCDF files  
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6901924 - Existing NetCDF files  
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6901925 - Existing NetCDF files  
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6901926 - Existing NetCDF files  
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6901927 - Existing NetCDF files  
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6901928 - Existing NetCDF files  
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6903715 - Existing NetCDF files  
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6903716 - Existing NetCDF files  
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6903717 - Existing NetCDF files  
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6903718 - Existing NetCDF files  
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6903719 - Existing NetCDF files  
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6903720 - Existing NetCDF files  
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6903721 - Existing NetCDF files  
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6903722 - Existing NetCDF files  
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6903723 - Existing NetCDF files  
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6903724 - Existing NetCDF files  
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6903725 - Existing NetCDF files  
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6903726 - Existing NetCDF files  
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6903727 - Existing NetCDF files  
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6903751 - Existing NetCDF files  
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6903752 - Existing NetCDF files  
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6903753 - Existing NetCDF files  
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6903754 - Existing NetCDF files  
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6903755 - Existing NetCDF files  
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6903758 - Existing NetCDF files  
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6903760 - Existing NetCDF files  
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6903761 - Existing NetCDF files  
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6904179 - Existing NetCDF files  
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6904180 - Existing NetCDF files  
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6904181 - Existing NetCDF files  
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6904191 - Existing NetCDF files  
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6904192 - Existing NetCDF files  
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6990513 - Existing NetCDF files  
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6990518 - Existing NetCDF files  
File : 6990518\_meta.nc - 6990518\_prof.nc - 6990518\_tech.nc -

6990519 - Existing NetCDF files  
File : 6990519\_meta.nc - 6990519\_prof.nc - 6990519\_tech.nc -

6990520 - Existing NetCDF files  
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6990521 - Existing NetCDF files  
File : 6990521\_meta.nc - 6990521\_prof.nc - 6990521\_tech.nc -

6990522 - Existing NetCDF files  
File : 6990522\_meta.nc - 6990522\_prof.nc - 6990522\_tech.nc -

6990631 - Existing NetCDF files  
File : 6990631\_Rtraj.nc - 6990631\_meta.nc - 6990631\_tech.nc -

7901008 - Existing NetCDF files  
File : 7901008\_meta.nc - 7901008\_prof.nc - 7901008\_tech.nc -

7901024 - Existing NetCDF files  
File : 7901024\_meta.nc - 7901024\_prof.nc - 7901024\_tech.nc -

7901034 - Existing NetCDF files  
File : 7901034\_meta.nc - 7901034\_prof.nc - 7901034\_tech.nc -

7901093 - Existing NetCDF files  
File : 7901093\_meta.nc - 7901093\_prof.nc - 7901093\_tech.nc -

7901132 - Existing NetCDF files  
File : 7901132\_meta.nc - 7901132\_prof.nc - 7901132\_tech.nc -

7902225 - Existing NetCDF files  
File : 7902225\_meta.nc - 7902225\_prof.nc - 7902225\_tech.nc -

### 8.3. CORIOLIS

#### GDAC (missing nc files)

##### For some floats :

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

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

###### **DAC name : Coriolis – Number of floats : 3928**

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 -

1902609 - Existing NetCDF files

File : 1902609\_Rtraj.nc - 1902609\_meta.nc - 1902609\_tech.nc -

1902664 - Existing NetCDF files

File : 1902664\_Rtraj.nc - 1902664\_meta.nc

3902008 - Existing NetCDF files

File : 3902008\_Rtraj.nc - 3902008\_meta.nc

4903879 - Existing NetCDF files

File : 4903879\_Rtraj.nc - 4903879\_meta.nc - 4903879\_tech.nc -

5903129 - Existing NetCDF files

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

5906980 - Existing NetCDF files

File : 5906980\_Rtraj.nc - 5906980\_meta.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 -

6900831 - Existing NetCDF files

File : 6900831\_Rtraj.nc - 6900831\_meta.nc - 6900831\_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

6901224 - Existing NetCDF files

File : 6901224\_Rtraj.nc - 6901224\_meta.nc - 6901224\_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 -

6902583 - Existing NetCDF files

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

6902678 - Existing NetCDF files

File : 6902678\_Rtraj.nc - 6902678\_meta.nc -

6902685 - Existing NetCDF files

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

6902741 - Existing NetCDF files

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

6903181 - Existing NetCDF files

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

6903185 - Existing NetCDF files

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

6903193 - Existing NetCDF files

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

6903226 - Existing NetCDF files

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

6903807 - Existing NetCDF files

File : 6903807\_Rtraj.nc - 6903807\_meta.nc

6903827 - Existing NetCDF files

6903827\_Rtraj.nc - 6903827\_meta.nc

6903868 - Existing NetCDF files

File : 6903868\_Rtraj.nc - 6903868\_meta.nc

7900218 - Existing NetCDF files

File : 7900218\_meta.nc - 7900218\_prof.nc - 7900218\_tech.nc

7900349 - Existing NetCDF files

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

## 8.4. CSIO

### GDAC (missing nc files)

#### For some floats :

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

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

##### DAC name : csio – Number of floats : 565

2901498 - Existing NetCDF files

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

2901505 - Existing NetCDF files

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

## 8.5. CSIRO

### GDAC (missing nc files)

#### MAINLY TRAJECTORY FILE MISSING

#### 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 : 1203

1901746 - Existing NetCDF files

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

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 -

5905468 - Existing NetCDF files

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

7900331 - Existing NetCDF files

File : 7900331\_Rtraj.nc - 7900331\_meta.nc - 7900331\_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 -

7900642 - Existing NetCDF files

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

## 8.6. INCOIS

#### For some floats :

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

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

**DAC name : incois – Number of floats : 572**

1902669 - Existing NetCDF files

File : 1902669\_meta.nc - 1902669\_prof.nc - 1902669\_tech.nc -

1902670 - Existing NetCDF files

File : 1902670\_meta.nc - 1902670\_prof.nc - 1902670\_tech.nc -

1902671 - Existing NetCDF files

File : 1902671\_meta.nc - 1902671\_prof.nc - 1902671\_tech.nc -

1902672 - Existing NetCDF files

File : 1902672\_meta.nc - 1902672\_prof.nc - 1902672\_tech.nc -

1902673 - Existing NetCDF files

File : 1902673\_meta.nc - 1902673\_prof.nc - 1902673\_tech.nc -

1902674 - Existing NetCDF files

File : 1902674\_meta.nc - 1902674\_prof.nc - 1902674\_tech.nc -

1902675 - Existing NetCDF files

File : 1902675\_meta.nc - 1902675\_prof.nc - 1902675\_tech.nc -

1902676 - Existing NetCDF files

File : 1902676\_meta.nc - 1902676\_prof.nc - 1902676\_tech.nc -

1902677 - Existing NetCDF files

File : 1902677\_meta.nc - 1902677\_prof.nc - 1902677\_tech.nc -

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 -

2901316 - Existing NetCDF files

File : 2901316\_meta.nc - 2901316\_prof.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

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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  
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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  
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2902282 - Existing NetCDF files  
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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  
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3902573 - Existing NetCDF files  
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7901130 - Existing NetCDF files  
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7902251 - Existing NetCDF files  
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## 8.7. JMA

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

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

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

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 : 1970**

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

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

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

1902333 - Existing NetCDF files  
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1902335 - Existing NetCDF files  
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1902336 - Existing NetCDF files  
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1902348 - Existing NetCDF files  
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1902350 - Existing NetCDF files  
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1902351 - Existing NetCDF files  
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1902352 - Existing NetCDF files  
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2901998 - Existing NetCDF files  
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2902530 - Existing NetCDF files  
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File : 2902977\_Rtraj.nc - 2902977\_meta.nc - 2902977\_tech.nc -

2902978 - Existing NetCDF files  
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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 -

3902449 - Existing NetCDF files  
File : 3902449\_meta.nc - 3902449\_prof.nc -

3902450 - Existing NetCDF files  
File : 3902450\_meta.nc - 3902450\_prof.nc -

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

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

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

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

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

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

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

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

4902986 - Existing NetCDF files  
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4902987 - Existing NetCDF files  
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4902988 - Existing NetCDF files  
File : 4902988\_meta.nc - 4902988\_prof.nc -

4902989 - Existing NetCDF files  
File : 4902989\_meta.nc - 4902989\_prof.nc -

4902990 - Existing NetCDF files  
File : 4902990\_Sprof.nc - 4902990\_meta.nc - 4902990\_prof.nc -

4902991 - Existing NetCDF files  
File : 4902991\_meta.nc - 4902991\_prof.nc -

4902992 - Existing NetCDF files  
File : 4902992\_meta.nc - 4902992\_prof.nc -

4903607 - Existing NetCDF files  
File : 4903607\_meta.nc - 4903607\_prof.nc -

4903608 - Existing NetCDF files  
File : 4903608\_meta.nc - 4903608\_prof.nc -

4903609 - Existing NetCDF files  
File : 4903609\_meta.nc - 4903609\_prof.nc -

4903610 - Existing NetCDF files  
File : 4903610\_meta.nc - 4903610\_prof.nc -

4903614 - Existing NetCDF files  
File : 4903614\_Sprof.nc - 4903614\_meta.nc - 4903614\_prof.nc -

4903615 - Existing NetCDF files  
File : 4903615\_Sprof.nc - 4903615\_meta.nc - 4903615\_prof.nc -

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

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

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

5905062 - Existing NetCDF files  
File : 5905062\_Sprof.nc - 5905062\_meta.nc - 5905062\_prof.nc -

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

5905218 - Existing NetCDF files  
File : 5905218\_Sprof.nc - 5905218\_meta.nc - 5905218\_prof.nc -

5905223 - Existing NetCDF files  
File : 5905223\_Sprof.nc - 5905223\_meta.nc - 5905223\_prof.nc -

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

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

5905226 - Existing NetCDF files  
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5905227 - Existing NetCDF files  
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5905228 - Existing NetCDF files  
File : 5905228\_meta.nc - 5905228\_prof.nc -

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

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

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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5905857 - Existing NetCDF files  
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5905858 - 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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5905866 - Existing NetCDF files  
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5905867 - Existing NetCDF files  
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5905868 - Existing NetCDF files  
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5905869 - Existing NetCDF files  
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5905870 - Existing NetCDF files  
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5905871 - Existing NetCDF files  
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5905872 - Existing NetCDF files  
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5905873 - Existing NetCDF files  
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5905874 - 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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5905880 - Existing NetCDF files  
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5905881 - Existing NetCDF files  
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5905882 - Existing NetCDF files  
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5905883 - Existing NetCDF files  
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5906384 - Existing NetCDF files  
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5906385 - Existing NetCDF files  
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5906386 - Existing NetCDF files  
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5906387 - Existing NetCDF files  
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5906388 - Existing NetCDF files  
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5906389 - Existing NetCDF files  
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5906390 - Existing NetCDF files  
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5906391 - Existing NetCDF files  
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5906392 - Existing NetCDF files  
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5906393 - Existing NetCDF files  
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5906594 - Existing NetCDF files  
File : 5906594\_meta.nc - 5906594\_prof.nc -

5906595 - Existing NetCDF files  
File : 5906595\_meta.nc - 5906595\_prof.nc -

5906596 - Existing NetCDF files  
File : 5906596\_Sprof.nc - 5906596\_meta.nc - 5906596\_prof.nc -

5906597 - Existing NetCDF files  
File : 5906597\_Sprof.nc - 5906597\_meta.nc - 5906597\_prof.nc -

5906598 - Existing NetCDF files  
File : 5906598\_meta.nc - 5906598\_prof.nc -

5906599 - Existing NetCDF files  
File : 5906599\_meta.nc - 5906599\_prof.nc -

5906600 - Existing NetCDF files  
File : 5906600\_meta.nc - 5906600\_prof.nc -

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

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

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

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

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

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

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

7900654 - Existing NetCDF files  
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7900655 - Existing NetCDF files  
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7900657 - Existing NetCDF files  
File : 7900657\_meta.nc - 7900657\_prof.nc -

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

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

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

7900863 - Existing NetCDF files

File : 7900863\_Sprof.nc - 7900863\_meta.nc - 7900863\_prof.nc -

7900864 - Existing NetCDF files  
File : 7900864\_meta.nc - 7900864\_prof.nc -

7900866 - Existing NetCDF files  
File : 7900866\_meta.nc - 7900866\_prof.nc -

7900868 - Existing NetCDF files  
File : 7900868\_meta.nc - 7900868\_prof.nc -

7900872 - Existing NetCDF files  
File : 7900872\_meta.nc - 7900872\_prof.nc -

7900873 - Existing NetCDF files  
File : 7900873\_meta.nc - 7900873\_prof.nc -

7900874 - Existing NetCDF files  
File : 7900874\_Sprof.nc - 7900874\_meta.nc - 7900874\_prof.nc -

## 8.8. KMA

**For some floats :**

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

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

**DAC name : kma – Number of floats : 264**

1902661 - Existing NetCDF files  
File : 1902661\_Rtraj.nc - 1902661\_meta.nc - 1902661\_prof.nc -

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

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

2901806 - Existing NetCDF files  
File : 2901806\_Rtraj.nc - 2901806\_meta.nc - 2901806\_prof.nc

2901807 - Existing NetCDF files  
File : 2901807\_Rtraj.nc - 2901807\_meta.nc - 2901807\_prof.nc

2901808 - Existing NetCDF files  
File : 2901808\_Rtraj.nc - 2901808\_meta.nc - 2901808\_prof.nc

2901809 - Existing NetCDF files  
File : 2901809\_Rtraj.nc - 2901809\_meta.nc - 2901809\_prof.nc

## 8.9. KORDI/KIOST

**For some floats :**

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

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

**DAC name : kiost – Number of floats : 125**

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

7900875 - Existing NetCDF files  
File : 7900875\_Sprof.nc - 7900875\_meta.nc - 7900875\_prof.nc -

7900876 - Existing NetCDF files  
File : 7900876\_meta.nc - 7900876\_prof.nc -

7900877 - Existing NetCDF files  
File : 7900877\_meta.nc - 7900877\_prof.nc -

7900878 - Existing NetCDF files  
File : 7900878\_Sprof.nc - 7900878\_meta.nc - 7900878\_prof.nc -

7900879 - Existing NetCDF files  
File : 7900879\_meta.nc - 7900879\_prof.nc -

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

2901810 - Existing NetCDF files  
File : 2901810\_Rtraj.nc - 2901810\_meta.nc - 2901810\_prof.nc

2901811 - Existing NetCDF files  
File : 2901811\_Rtraj.nc - 2901811\_meta.nc - 2901811\_prof.nc

3902565 - Existing NetCDF files  
File : 3902565\_Rtraj.nc - 3902565\_meta.nc - 3902565\_prof.nc -

5907069 - Existing NetCDF files  
File : 5907069\_Rtraj.nc - 5907069\_meta.nc - 5907069\_prof.nc -

6990596 - Existing NetCDF files  
File : 6990596\_Rtraj.nc - 6990596\_meta.nc - 6990596\_prof.nc -

6990597 - Existing NetCDF files  
File : 6990597\_Rtraj.nc - 6990597\_meta.nc - 6990597\_prof.nc

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

2901805 - Existing NetCDF files

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

2903935 - Existing NetCDF files

File : 2903935\_meta.nc - 2903935\_prof.nc -

3902470 - Existing NetCDF files

File : 3902470\_meta.nc - 3902470\_prof.nc - 3902470\_tech.nc

4903636 - Existing NetCDF files

File : 4903636\_meta.nc - 4903636\_prof.nc - 4903636\_tech.nc

4903637 - Existing NetCDF files

File : 4903637\_meta.nc - 4903637\_prof.nc - 4903637\_tech.nc

4903764 - Existing NetCDF files

File : 4903764\_meta.nc - 4903764\_prof.nc - 4903764\_tech.nc -

4903787 - Existing NetCDF files

File : 4903787\_meta.nc - 4903787\_prof.nc - 4903787\_tech.nc -

4903824 - Existing NetCDF files

File : 4903824\_meta.nc - 4903824\_prof.nc -

5906968 - Existing NetCDF files

File : 5906968\_meta.nc - 5906968\_prof.nc - 5906968\_tech.nc

5907095 - Existing NetCDF files

File : 5907095\_meta.nc - 5907095\_prof.nc - 5907095\_tech.nc -

5907129 - Existing NetCDF files

File : 5907129\_meta.nc - 5907129\_prof.nc -

5907130 - Existing NetCDF files

File : 5907130\_meta.nc - 5907130\_prof.nc -

6990599 - Existing NetCDF files

File : 6990599\_meta.nc - 6990599\_prof.nc - 6990599\_tech.nc -

6990626 - Existing NetCDF files

File : 6990626\_meta.nc - 6990626\_prof.nc - 6990626\_tech.nc -

6990666 - Existing NetCDF files

File : 6990666\_meta.nc - 6990666\_prof.nc -

7901012 - Existing NetCDF files

File : 7901012\_meta.nc - 7901012\_prof.nc - 7901012\_tech.nc

## 8.10. MEDS

For some floats :

- 

See below the list of floats with existing nc files :

DAC name : meds – Number of floats : 725

## 8.11. NMDIS

For some floats :

- 

See below the list of floats with existing nc files :

DAC name : nmdis – Number of floats : 19