



## **GDAC Float Anomalies Monitoring**

**September 2024**

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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.

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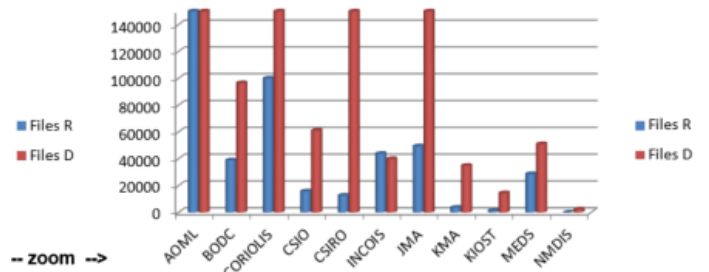
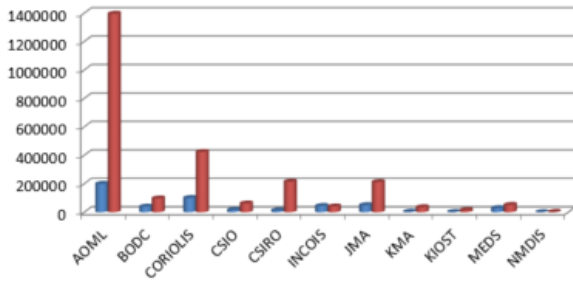
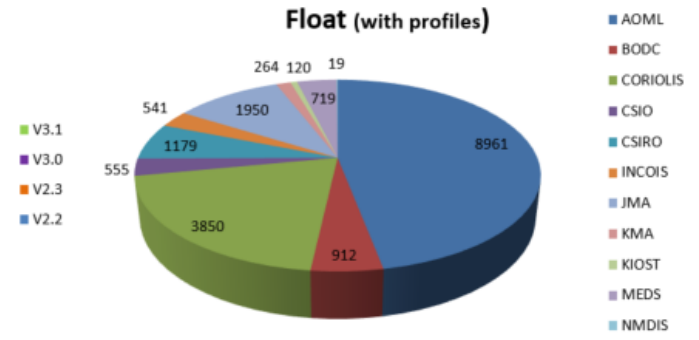
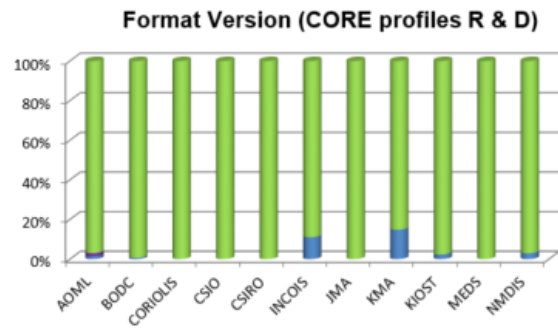
## 1. Anomalies of Argo profiles – Suspected drift

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_NUJ	Failure_Type for Coriolis DB (1-5: 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)	GreyList recommendation : PSAL/TEMP grey list, flag 3/A, from cycle N, P/DM response: N/A"
<b>NEW</b>													
ADML	1902196	GREGORY C. JOHNSON	2024/09/23	229			3	Argo PMEL	SBE41CP	09842	1	Bad profiles, drift	
ADML	4902919	BRECK OWENS, STEVEN JAYNE, P. E. ROBBINS	2024/09/10	256			3	Argo WHOI	SBE41CP	8635	1	Slight drift	
ADML	5902673	STEPHEN RISER	2024/09/10	150			3	Argo UW	SBE41CP	10190	1	Slight drift	
ADML	5902620	STEPHEN RISER	2024/09/25	151			3	Argo UW	SBE41CP	11466	1	Slight drift	
ADML	5906526	STEPHEN RISER/KEN JOHNSON	2024/08/27	82			3	Argo UW-SOCCOM	SBE41CP	13781	1	Bad adjustment on PSAL_ADJUSTED	
ADML	7900844	STEPHEN RISER	2024/09/18	63	2024/09/28	64	3	Argo UW	SBE41CP	13275	1	Slight drift	
ADML	7902004	STEPHEN RISER	2024/09/19	8	2024/09/29	9	3	Argo UW	RBR_ARGO3	212804	1	Slight drift	
BODC	3901916	Romain Cancouet	2024/09/18	313			3	SBE41CP_V7.2.5		8291	1	Was on greylist with an end_date, drift again?	
CORIOLIS	3901685	Birgit KLEIN	2024/09/10	191	2024/09/30	193	3	Argo BSH	SBE41CP	11976	1	Slight drift	
CSIRO	2902788	FENG ZHOU	2024/09/15	172			3	Argo es, CHINA	SBE41CP_V7.2.5	12107	1	Slight drift	
CSIRO	5905401	Peter Oke	2024/09/15	236			4	Argo AUSTRALIA	SBE41CP_V7.2.5	10162	3	Bad profile	
INDOIS	2902213	M Ravichandran	2024/09/19	287	2024/09/29	288	3	Indian Argo	SBE41	7638	1	Slight drift	
<b>PREVIOUS REPORTS (in last 2 months)</b>													
ADML	1901843	Dean ROEMMICH	2024/05/27	278	2024/09/14	289	3	Argo SIO	SBE41CP	7971	1	Slight drift	
ADML	1902061	BRECK OWENS, STEVEN JAYNE, P. E. ROBBINS	2024/01/22	263	2024/07/09	280	3	Argo WHOI	SBE41CP	8402	2	PSAL seems ok but PSAL_ADJUSTED has a bias, at the end PSAL and PSAL_ADJUSTED seem have a bias/drift?	
ADML	1902388	WIUFFELS, JAYNE, ROBBINS	2024/07/10	97	2024/09/07	103	3	Argo WHOI	SBE41CP	12519	1	Jump, ASD?	
ADML	1903489	NICHOLSON, WIUFFELS	2024/05/11	1	2024/09/28	15	3	GO-BGC, WHOI	SBE41CP	18948	1	Slight drift? From beginning	
ADML	1902512	SUSAN WIUFFELS, STEVEN JAYNE, PELLE ROBBINS	2024/05/16	6	2024/06/26	10	3	Argo WHOI	SBE41CP	16767	1	Slight drift?	
ADML	2903465	STEPHEN RISER/KEN JOHNSON	2024/08/03	43	2024/09/12	47	3	Argo US, GO-BGC	SBE41CP	17682	1	Slight drift?	
ADML	3901290	GREGORY C. JOHNSON	2023/12/05	255	2024/09/30	285	3	Argo PMEL	SBE41CP	08558	1	Drift	
ADML	3901304	GREGORY C. JOHNSON	2023/10/05	190	2024/09/20	215	3	Argo PMEL	SBE41CP	09960	1	Drift	PSAL_3_197, N/A
ADML	3902150	GREGORY C. JOHNSON	2022/09/21	134	2024/09/17	208	3	Argo PMEL	SBE41	5716	1	Drift, PSAL QC3 but PSAL_ADJUSTED (in deep levels) seems ok	PSAL_3_134, N/A
ADML	4902921	BRECK OWENS, STEVEN JAYNE, P. E. ROBBINS	2024/09/02	255	2024/09/22	257	3	Argo WHOI	SBE41CP	8653	1	Bad profile, ASD?	
ADML	4902929	GREGORY C. JOHNSON	2024/08/17	280			3	Argo PMEL	SBE41CP	08801	1	Slight drift	
ADML	4903183	GREGORY C. JOHNSON	2024/08/24	213	2024/09/03	214	3	Argo PMEL	SBE41CP	11041	1	ASD?	
ADML	4903195	GREGORY C. JOHNSON	2023/06/10	155	2024/09/24	202	3	Argo PMEL	SBE41CP	11158	1	Drift	PSAL_3_155, N/A
ADML	4903200	GREGORY C. JOHNSON	2023/11/07	170	2024/09/22	202	3	Argo PMEL	SBE41CP	11073	1	Drift	PSAL_3_170, N/A
ADML	4903205	GREGORY C. JOHNSON	2024/04/22	180	2024/09/29	196	3	Argo PMEL	SBE41CP	11195	1	Drift	
ADML	4903206	GREGORY C. JOHNSON	2023/11/12	167	2024/09/27	199	3	Argo PMEL	SBE41CP	11150	1	Drift, ASD?	
ADML	4903207	GREGORY C. JOHNSON	2024/04/30	181	2024/09/29	196	3	Argo PMEL	SBE41CP	11200	1	ASD?	
ADML	4903479	SUSAN WIUFFELS, STEVEN JAYNE, PELLE ROBBINS	2024/06/06	59	2024/06/16	60	3	Argo WHOI	SBE41CP	14439	1	Drift with jump?	
ADML	4903563	SUSAN WIUFFELS, STEVEN JAYNE, PELLE ROBBINS	2023/11/25	23	2024/09/20	61	3	Argo WHOI	SBE41CP	16764	1	Slight drift?	
ADML	5905149	STEPHEN RISER	2024/08/10	251	2024/08/20	252	3	Argo UW	SBE41CP	6406	1	Slight drift? Grey List QC2 not enough?	
ADML	5905292	GREGORY C. JOHNSON	2024/07/28	236	2024/06/07	246	3	Argo PMEL	SBE41CP	09697	1	Slight drift	
ADML	5905301	GREGORY C. JOHNSON	2024/04/05	248	2024/09/12	264	3	Argo PMEL	SBE41CP	09152	1	Slight drift	
ADML	5906316	GREGORY C. JOHNSON	2021/07/26	108	2024/09/30	224	3	Argo	SBE41CP	09938	1	Drift: PSAL ok but PSAL_ADJUSTED not good for first warning cycles, bad adjustment	PSAL_3_248, N/A
ADML	5906668	GREGORY C. JOHNSON	2023/08/17	183	2024/09/22	223	3	Argo PMEL	SBE41CP	09940	1	Drift, ASD?	PSAL_3_183, N/A
ADML	5907131	Dean ROEMMICH	2024/06/18	215	2024/09/25	225	3	Argo SIO	SBE41CP	10624	1	Slight drift	
ADML	5906087	GREGORY C. JOHNSON	2024/05/18	141	2024/09/27	154	3	Argo PMEL	SBE41CP	11136	1	Jump, ASD?	
ADML	5906100	GREGORY C. JOHNSON	2023/11/28	167	2024/07/15	190	3	Argo PMEL	SBE41CP	11148	1	Drift, ASD?	
ADML	5906154	GREGORY C. JOHNSON	2023/11/09	163	2024/09/24	195	3	Argo PMEL	SBE41CP	11115	1	Drift	
ADML	5906246	STEPHEN RISER/KEN JOHNSON	2024/03/13	141	2024/09/04	159	3	Argo UW-SOCCOM	SBE41CP	11763	3	Strange profiles	
ADML	5906273	STEPHEN RISER	2024/06/03	140	2024/09/20	151	3	Argo UW	SBE41CP	10190	1	Drift	
ADML	5906303	STEPHEN RISER	2024/01/31	124	2024/02/10	125	3	Argo UW-TPOS eq.	SBE41CP	12310	1	Drift, ASD?	
ADML	5906540	STEPHEN RISER/KEN JOHNSON	2024/08/26	68			3	Argo US, GO-BGC	SBE41CP	17269	1	Slight drift?	
ADML	5906838	GREGORY C. JOHNSON	2024/07/17	23	2024/08/16	26	3	Argo PMEL	SBE41CP	18104	1	ASD?	
ADML	5906847	GREGORY C. JOHNSON	2024/01/14	0	2024/09/21	35	3	Argo PMEL	SBE41CP	19476	1	Drift	
ADML	5906942	Sarah FURKEY, Dean ROEMMICH, Nathalie ZILBERMAN, John GILSON	2024/07/11	1	2024/09/24	14	3	Argo SIO	SBE41CP	13483	1	Bias with drift?	
ADML	7900836	STEPHEN RISER	2024/08/08	61			3	US ARGO PROJECT	SBE41CP	13291	1	Slight drift?	
ADML	7901105	STEPHEN RISER	2024/07/18	53			3	US ARGO PROJECT	SBE41CP	18954	1	Bad adjustment on PSAL_ADJUSTED?	
ADML	7902100	STEPHEN RISER	2024/08/22	5	2024/09/22	8	3	US ARGO PROJECT	RBR_ARGO3	212796	1	Slight drift?	
CORIOLIS	6903136	Andreas Sterl	2024/04/15	83	2024/07/06	91	3	Dutch ARGO Project (KNMI)	SBE41CP_V7.2.5	16396	1	ASD?	
INDOIS	2902184	M Ravichandran	2023/03/05	270	2024/09/25	327	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 QC4 for PSAL	
INDOIS	2902185	M Ravichandran	2020/12/29	190	2024/09/29	327	3	Indian Argo	SBE41CP	6670	1		
INDOIS	2902200	M Ravichandran	2023/03/21	258	2024/09/10	312	3	Indian Argo	SBE41	7649	1	Drift	
INDOIS	2902203	M Ravichandran	2024/06/04	302	2024/09/22	313	3	Indian Argo	SBE41	7641	1	ASD? In grey list but still going through the dataflow with QC1	
INDOIS	2902222	M Ravichandran	2020/06/09	161	2024/09/01	279	3	Indian Argo	SBE41	6672	1	Drift	
INDOIS	5907083	M Ravichandran	2023/09/19	1	2024/09/23	38	3	Indian Argo	SBE41CP	19140	1	First cycle, drift comparing to behaviour profiles	
KORDI	3902470	Sung-Dae Kim	2022/10/13	1	2024/09/22	72	3	Argo KIOST	SBE41CP	16477	2	Bias from beginning?	
MEDS	4902444	Blair Greenan	2023/08/03	163	2024/08/15	200	3	Argo CANADA	SBE41CP	41CP-10473	1	Slight drift?	
MEDS	4902445	Blair Greenan	2022/12/23	165	2024/09/27	228	3	Argo CANADA	SBE41CP	41CP-10474	1	Slight drift? Comparing to neighbour, seems drifted	
MEDS	4902595	Blair Greenan	2022/10/21	19	2024/09/25	88	3	Argo CANADA	SBE41CP	41CP-13209	1	Beginning of drift?	
MEDS	4902653	Blair Greenan	2024/06/27	1			3	Argo Canada	SBE41CP	41-18178	1	Drift, float seems inactive, dead? With only 4 cycles	
MEDS	4902657	Blair Greenan	2024/04/30	2	2024/09/23	17	4	Argo Canada	SBE41CP	41-18179	3	Bad profiles?	
<b>Floats on grey list since last month (from feedback and check of greylist index)</b>													
ADML	2903864	STEPHEN RISER/KEN JOHNSON → Grey List	2024/03/21	1	2024/08/12	15	3	UW-SOCCOM	SBE41CP	17346	2	Offset/bias from first cycles	
ADML	3901278	GREGORY C. JOHNSON → Grey List	2023/10/10	244	2024/09/26	279	3	Argo PMEL	SBE41CP	08463	1	Drift	
ADML	3901798	Dean ROEMMICH → Grey List	2024/07/19	221	2024/08/28	225	3	Argo SIO	SBE41CP	10696	1	Drift	
ADML	4902937	GREGORY C. JOHNSON → Grey List	2023/11/07	234	2024/09/12	265	3	Argo PMEL	SBE41CP	09041	1	Drift	
ADML	4903250	AMY BOWER, STEVEN JAYNE, HEATHER FUREY → Grey List	2024/06/01	347	2024/07/06	354	3	Argo WHOI	SBE41CP	10903	3	A lot of noise, Gulf of Mexico	
ADML	7900671	Dean ROEMMICH → Grey List	2024/07/06	338	2024/09/05	346	3	Argo SIO	SBE41CP	7384	1	ASD	
CORIOLIS	2903783	Hervé Claustre → Grey List	2024/06/30	59	2024/09/28	68	3	REFINE	SBE41CP_V7.2.5	14356	1	Drift, jump from cycle 63	
CORIOLIS	3901603	Birgit KLEIN → Grey List	2024/08/10	289	2024/09/09	292	3	Argo BSH	SBE41_V3	7863	1	Drift with jump? ASD?	

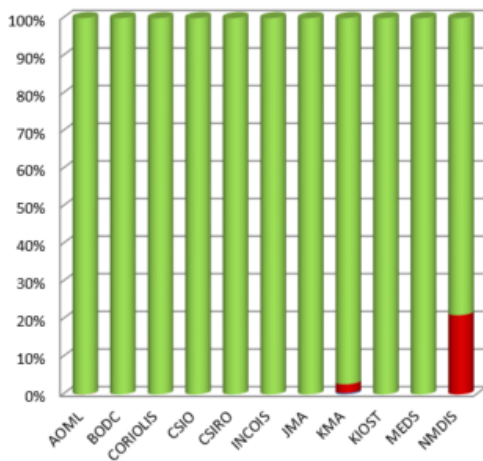
## 2. Statistics on floats and format version (End of September 2024)

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

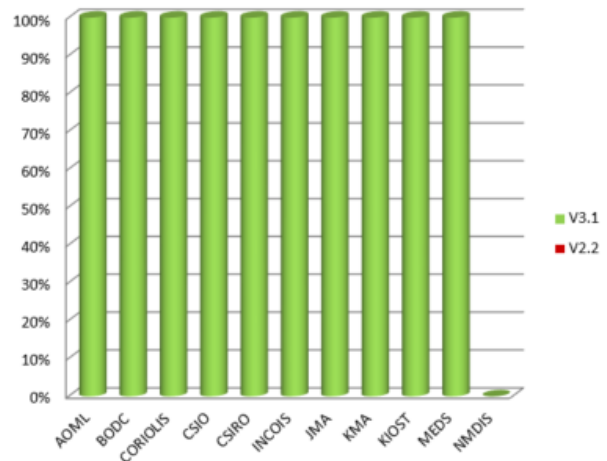


Plots showing format\_version percentage, for metadata-technical-trajectory and core profiles following dead or active floats.

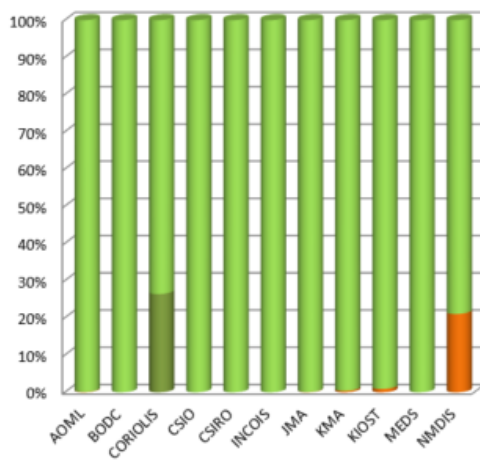
#### Metadata Files - Dead floats



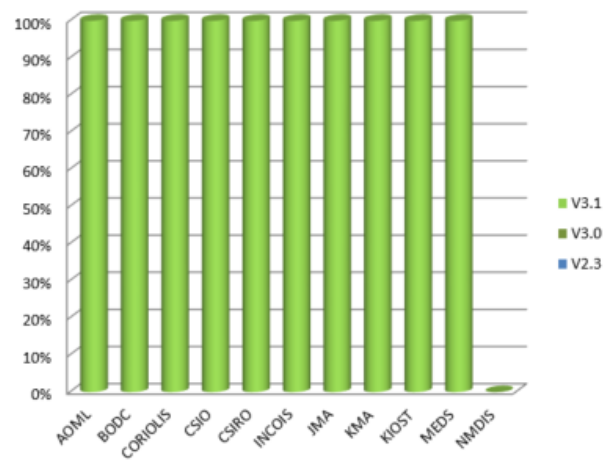
#### Metadata Files - Active floats



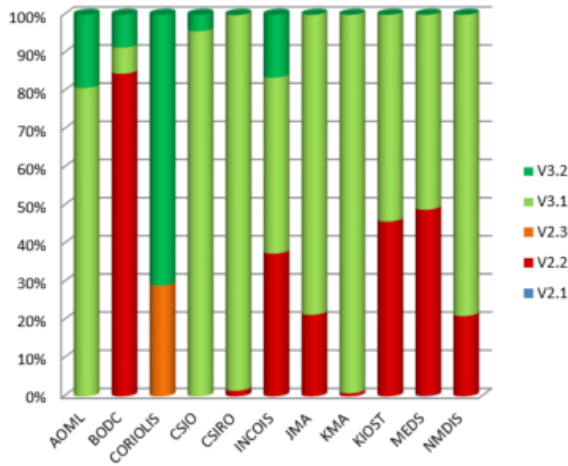
#### Technical Files - Dead floats



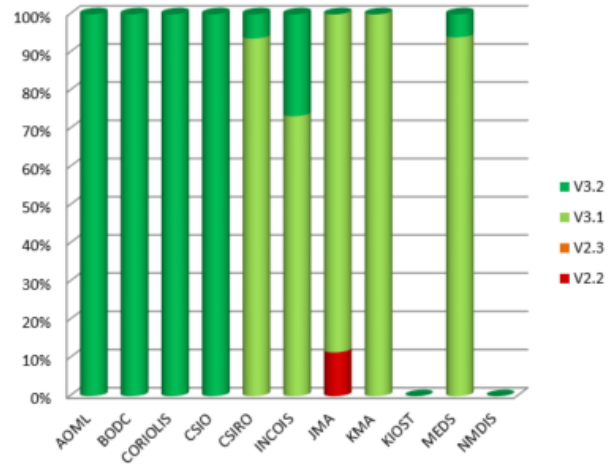
#### Technical Files - Active floats



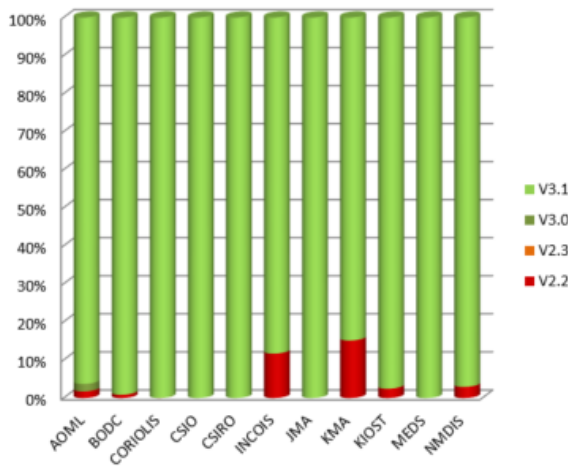
**Trajectory Files - Dead floats**



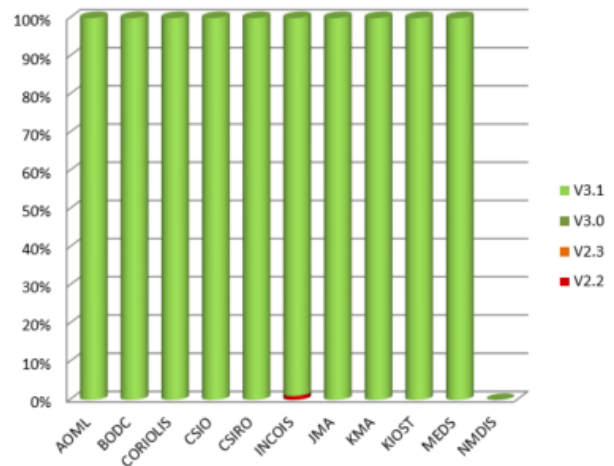
**Trajectory Files - Active floats**



**Profile files - Dead floats**

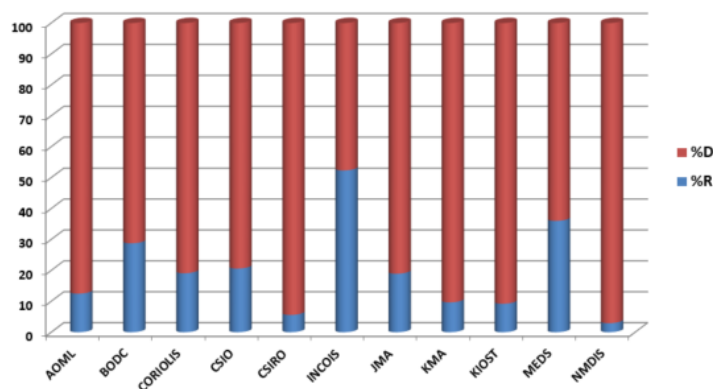


**Profile Files - Active floats**



**Delayed mode percentage by DAC**

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

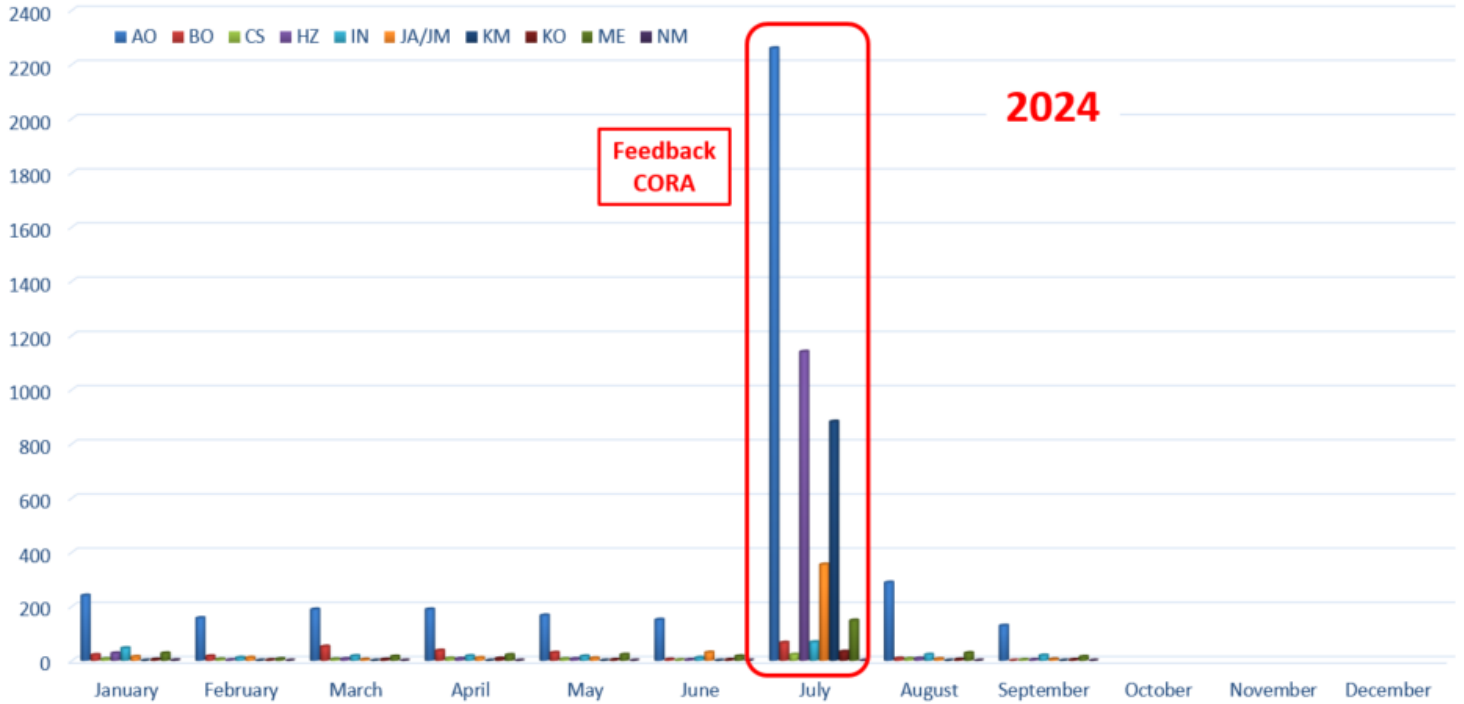


DACS	%R	%D
AOML	12,48	87,52
BODC	28,76	71,24
CORIOLIS	19,09	80,91
CSIO	20,60	79,40
CSIRO	5,59	94,41
INCOIS	52,33	47,67
JMA	18,93	81,07
KMA	9,66	90,34
KIOST	9,21	90,79
MEDS	36,03	63,97
NMDIS	2,93	97,07

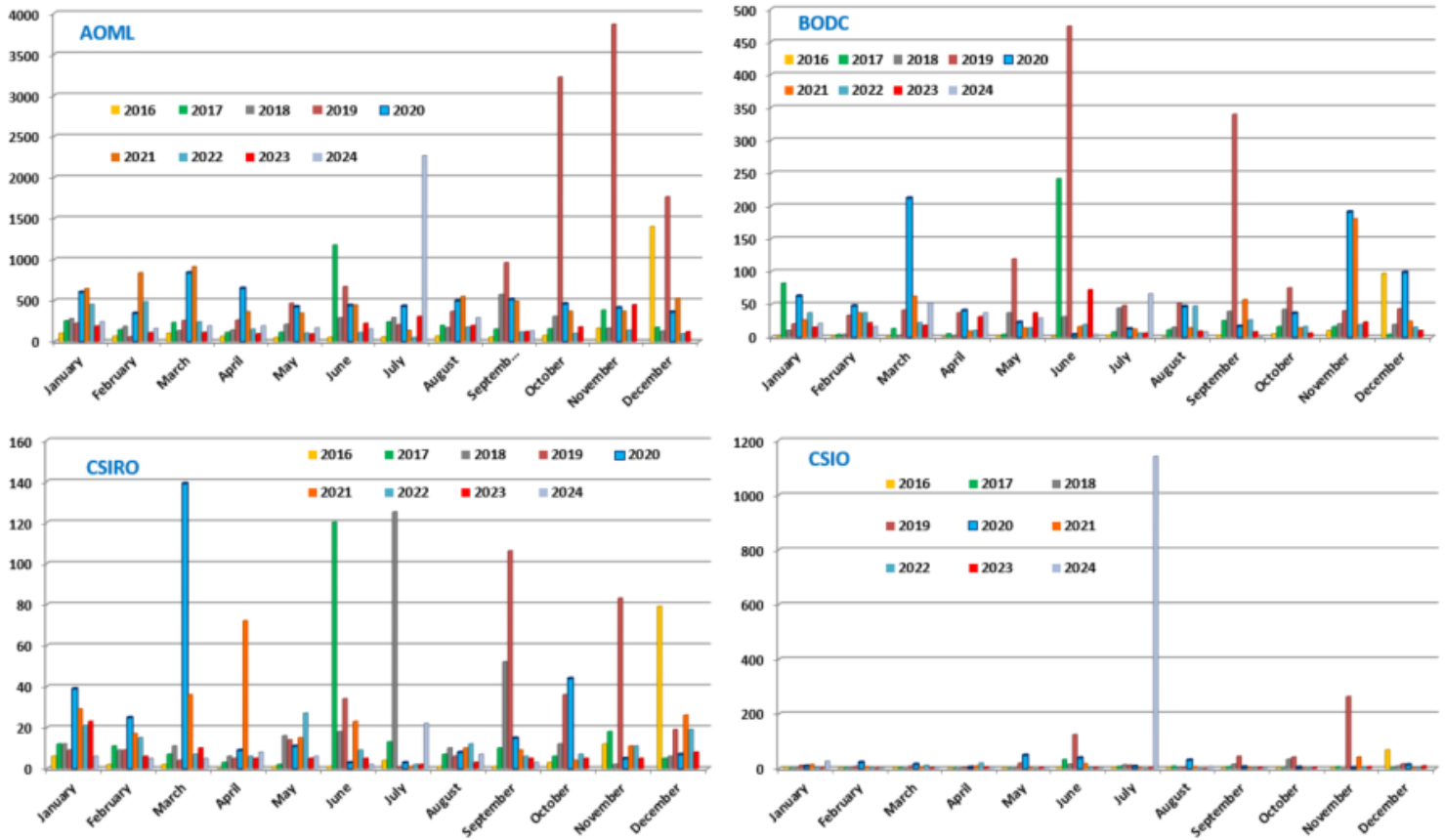
**3. Statistics on Anomalies**

Plots showing evolution of number of anomalies by DAC.

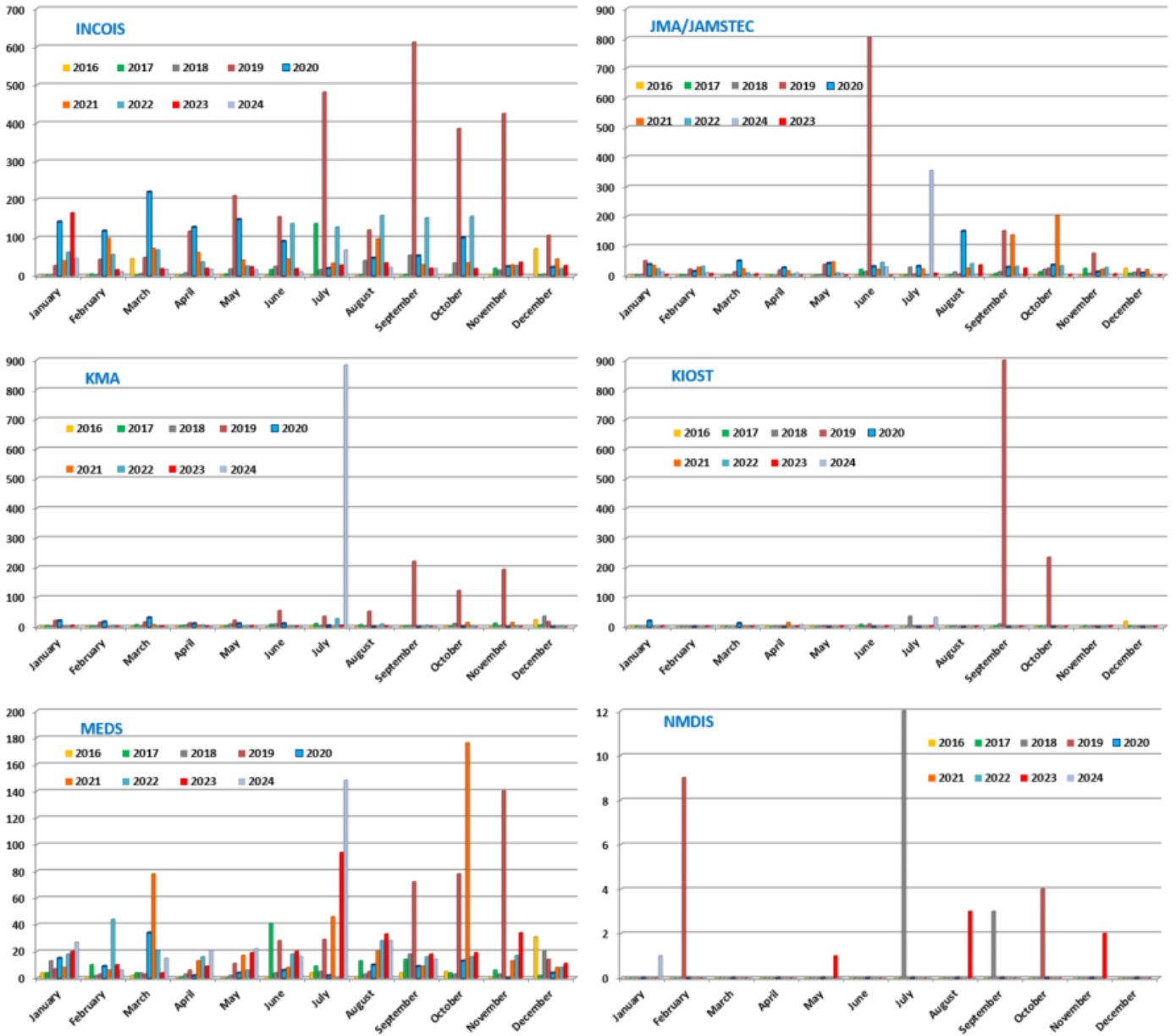
### 3.1. Year



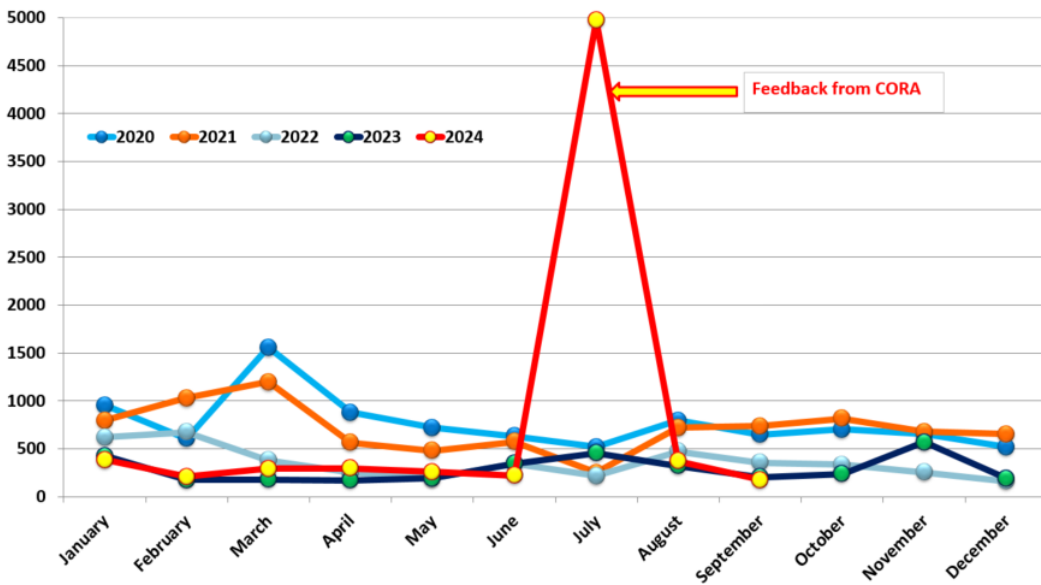
### 3.2. DAC







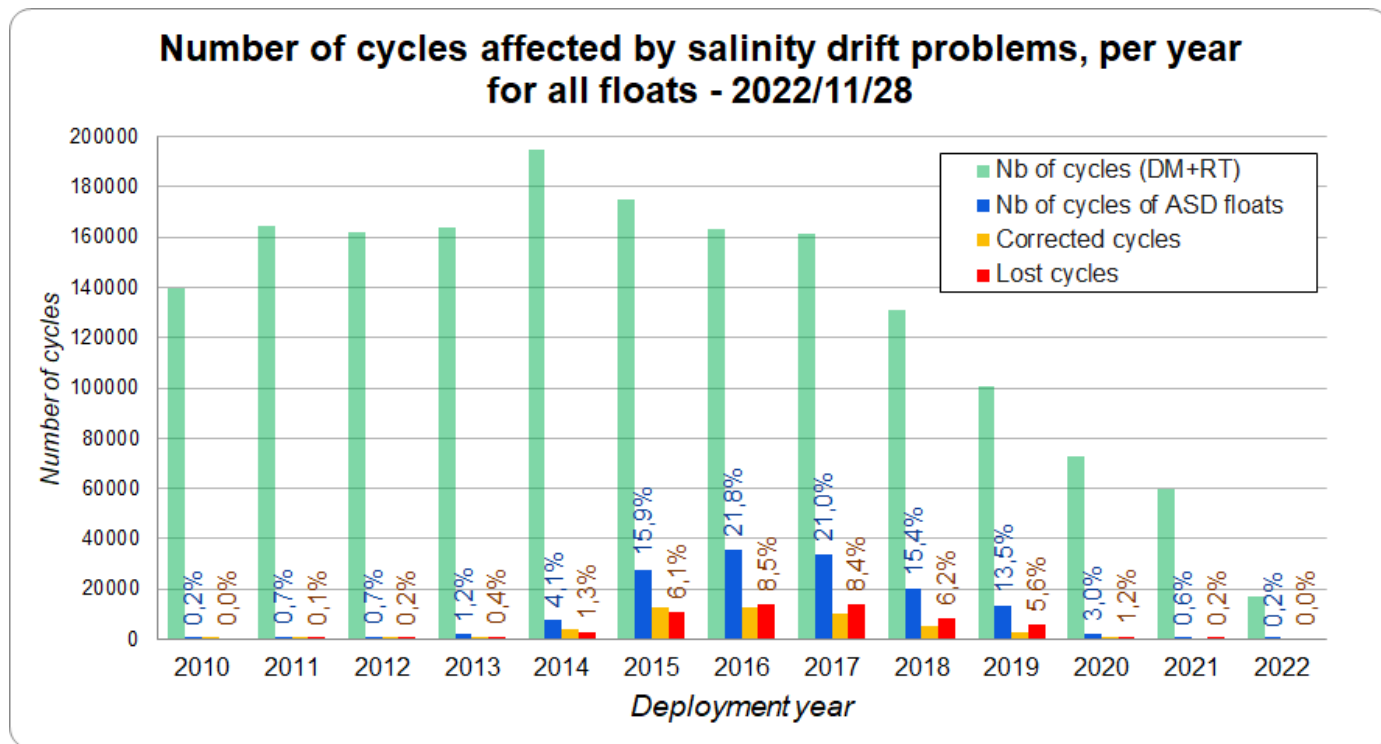
### 3.3. Anomalies by year, by month



#### 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 :

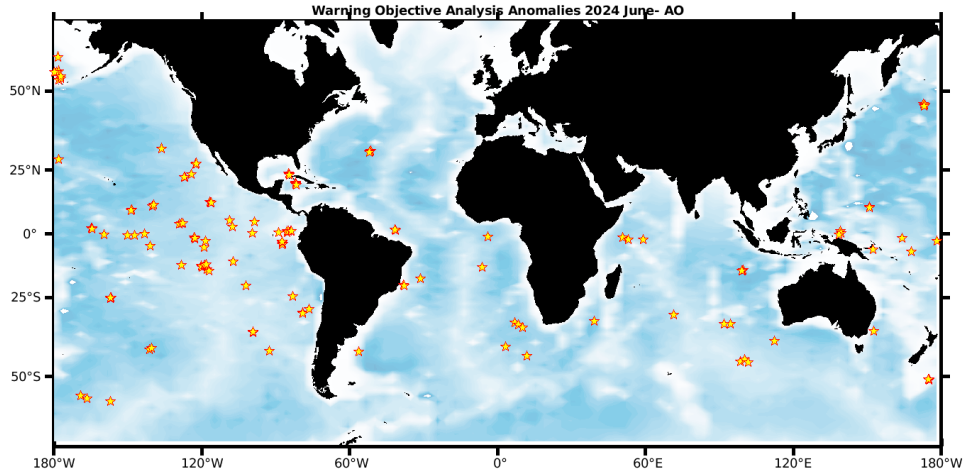
<https://docs.google.com/spreadsheets/d/1TA7SAnTiUvCK7AyGtSTUq3gu9QFbVdONj9M9zAq8CJU/edit?pli=1#gid=0>

## 5. DAC Anomalies

### 5.1. DAC AOML

Profiles detected by the objective analysis: 129 profiles (80 floats but floats can have several cycles with anomalies)

Data_mode ='R'	Data_mode ='A'	Data_mode ='D'
27 cycles	97 cycles	5 cycles



**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'

DAC : AO  
DAC name : aoml  
DAC AO length : 129

Float : 1901843 - Cycle : 289 - PI : DEAN ROEMMICH - Data mode : A - Platform type : SOLO\_II - WMO inst type : 853 - FLOAT SERIAL : 8491 - Date : 2024 9 14  
Float : 1902037 - Cycle : 210 - PI : DEAN ROEMMICH - Data mode : R - Platform type : SOLO\_II - WMO inst type : 853 - FLOAT SERIAL : 8724 - Date : 2024 9 16  
Float : 1902049 - Cycle : 154 - PI : DEAN ROEMMICH - Data mode : A - Platform type : SOLO\_II - WMO inst type : 853 - FLOAT SERIAL : 8861 - Date : 2024 9 13  
Float : 1902049 - Cycle : 155 - PI : DEAN ROEMMICH - Data mode : A - Platform type : SOLO\_II - WMO inst type : 853 - FLOAT SERIAL : 8861 - Date : 2024 9 23  
Float : 1902196 - Cycle : 228 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : NAVIS\_A - WMO inst type : 863 - FLOAT SERIAL : 0854 - Date : 2024 9 13  
Float : 1902196 - Cycle : 229 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : NAVIS\_A - WMO inst type : 863 - FLOAT SERIAL : 0854 - Date : 2024 9 23  
Float : 1902250 - Cycle : 154 - PI : DEAN ROEMMICH, SARAH PURKEY, NATHALIE ZILBERMAN, JOHN GILSON - Data mode : R - Platform type : SOLO\_II - WMO inst type : 853 - FLOAT SERIAL : 8869 - Date : 2024 9 19  
Float : 1902388 - Cycle : 103 - PI : WHOI: WIJFFELS, JAYNE, ROBBINS - Data mode : R - Platform type : S2A - WMO inst type : 854 - FLOAT SERIAL : 7634 - Date : 2024 9 7  
Float : 1902489 - Cycle : 1 - PI : NICHOLSON, WIJFFELS - Data mode : A - Platform type : NAVIS\_EBR - WMO inst type : 869 - FLOAT SERIAL : 1529 - Date : 2024 5 11  
Float : 1902489 - Cycle : 2 - PI : NICHOLSON, WIJFFELS - Data mode : A - Platform type : NAVIS\_EBR - WMO inst type : 869 - FLOAT SERIAL : 1529 - Date : 2024 5 21  
Float : 1902489 - Cycle : 3 - PI : NICHOLSON, WIJFFELS - Data mode : A - Platform type : NAVIS\_EBR - WMO inst type : 869 - FLOAT SERIAL : 1529 - Date : 2024 5 31  
Float : 1902489 - Cycle : 4 - PI : NICHOLSON, WIJFFELS - Data mode : A - Platform type : NAVIS\_EBR - WMO inst type : 869 - FLOAT SERIAL : 1529 - Date : 2024 6 10  
Float : 1902489 - Cycle : 10 - PI : NICHOLSON, WIJFFELS - Data mode : A - Platform type : NAVIS\_EBR - WMO inst type : 869 - FLOAT SERIAL : 1529 - Date : 2024 8 9  
Float : 1902489 - Cycle : 11 - PI : NICHOLSON, WIJFFELS - Data mode : A - Platform type : NAVIS\_EBR - WMO inst type : 869 - FLOAT SERIAL : 1529 - Date : 2024 8 19  
Float : 1902489 - Cycle : 12 - PI : NICHOLSON, WIJFFELS - Data mode : A - Platform type : NAVIS\_EBR - WMO inst type : 869 - FLOAT SERIAL : 1529 - Date : 2024 8 29  
Float : 1902489 - Cycle : 13 - PI : NICHOLSON, WIJFFELS - Data mode : A - Platform type : NAVIS\_EBR - WMO inst type : 869 - FLOAT SERIAL : 1529 - Date : 2024 9 8  
Float : 1902508 - Cycle : 19 - PI : SUSAN WIJFFELS, STEVEN JAYNE, PELLE ROBBINS - Data mode : R - Platform type : S2A - WMO inst type : 854 - FLOAT SERIAL : 7713 - Date : 2024 9 10  
Float : 1902509 - Cycle : 17 - PI : SUSAN WIJFFELS, STEVEN JAYNE, PELLE ROBBINS - Data mode : R - Platform type : S2A - WMO inst type : 854 - FLOAT SERIAL : 7732 - Date : 2024 9 4  
Float : 1902655 - Cycle : 86 - PI : JOSHUA K. WILLIS - Data mode : A - Platform type : APEX - WMO inst type : 877 - FLOAT SERIAL : 10051 - Date : 2024 9 8  
Float : 1902655 - Cycle : 87 - PI : JOSHUA K. WILLIS - Data mode : A - Platform type : APEX - WMO inst type : 877 - FLOAT SERIAL : 10051 - Date : 2024 9 13  
Float : 2903432 - Cycle : 17 - PI : SUSAN WIJFFELS, STEVEN JAYNE, PELLE ROBBINS - Data mode : R - Platform type : S2A - WMO inst type : 854 - FLOAT SERIAL : 7719 - Date : 2024 8 27  
Float : 3901254 - Cycle : 311 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : NAVIS\_A - WMO inst type : 863 - FLOAT SERIAL : 0560 - Date : 2024 9 21  
Float : 3901278 - Cycle : 277 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : NAVIS\_A - WMO inst type : 863 - FLOAT SERIAL : 0705 - Date : 2024 9 5  
Float : 3901278 - Cycle : 278 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : NAVIS\_A - WMO inst type : 863 - FLOAT SERIAL : 0705 - Date : 2024 9 15  
Float : 3901290 - Cycle : 282 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : NAVIS\_A - WMO inst type : 863 - FLOAT SERIAL : 0725 - Date : 2024 8 31  
Float : 3901290 - Cycle : 283 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : NAVIS\_A - WMO inst type : 863 - FLOAT SERIAL : 0725 - Date : 2024 9 10  
Float : 3901304 - Cycle : 223 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : NAVIS\_A - WMO inst type : 863 - FLOAT SERIAL : 0871 - Date : 2024 8 31  
Float : 3901304 - Cycle : 224 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : NAVIS\_A - WMO inst type : 863 - FLOAT SERIAL : 0871 - Date : 2024 9 10  
Float : 3901304 - Cycle : 225 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : NAVIS\_A - WMO inst type : 863 - FLOAT SERIAL : 0871 - Date : 2024 9 20  
Float : 3901479 - Cycle : 242 - PI : DEAN ROEMMICH - Data mode : A - Platform type : SOLO\_II - WMO inst type : 853 - FLOAT SERIAL : 8590 - Date : 2024 5 17  
Float : 3902150 - Cycle : 206 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : SOLO\_D\_MRV - WMO inst type : 874 - FLOAT SERIAL : 12015 - Date : 2024 8 28  
Float : 3902150 - Cycle : 207 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : SOLO\_D\_MRV - WMO inst type : 874 - FLOAT SERIAL : 12015 - Date : 2024 9 7  
Float : 3902330 - Cycle : 12 - PI : SUSAN WIJFFELS, STEVEN JAYNE, PELLE ROBBINS - Data mode : R - Platform type : S2A - WMO inst type : 854 - FLOAT SERIAL : 7912 - Date : 2024 9 23



Float : 5906929 - Cycle : 52 - PI : SARAH PURKEY, DEAN ROEMMICH, NATHALIE ZILBERMAN, JOHN GILSON - Data mode : R - Platform type : SOLO\_II - WMO inst type : 853 - FLOAT SERIAL : 3199 - Date : 2024 8 31

Float : 5906941 - Cycle : 46 - PI : SARAH PURKEY, DEAN ROEMMICH, NATHALIE ZILBERMAN, JOHN GILSON - Data mode : R - Platform type : SOLO\_II - WMO inst type : 853 - FLOAT SERIAL : 3213 - Date : 2024 8 24

Float : 5906942 - Cycle : 12 - PI : SARAH PURKEY, DEAN ROEMMICH, NATHALIE ZILBERMAN, JOHN GILSON - Data mode : R - Platform type : SOLO\_II - WMO inst type : 853 - FLOAT SERIAL : 3237 - Date : 2024 9 5

Float : 5906942 - Cycle : 13 - PI : SARAH PURKEY, DEAN ROEMMICH, NATHALIE ZILBERMAN, JOHN GILSON - Data mode : R - Platform type : SOLO\_II - WMO inst type : 853 - FLOAT SERIAL : 3237 - Date : 2024 9 15

Float : 5906942 - Cycle : 14 - PI : SARAH PURKEY, DEAN ROEMMICH, NATHALIE ZILBERMAN, JOHN GILSON - Data mode : R - Platform type : SOLO\_II - WMO inst type : 853 - FLOAT SERIAL : 3237 - Date : 2024 9 24

Float : 6990602 - Cycle : 18 - PI : SARAH PURKEY, DEAN ROEMMICH, NATHALIE ZILBERMAN, JOHN GILSON - Data mode : R - Platform type : SOLO\_II - WMO inst type : 853 - FLOAT SERIAL : 3235 - Date : 2024 9 15

Float : 7900796 - Cycle : 138 - PI : DEAN ROEMMICH, SARAH PURKEY, NATHALIE ZILBERMAN, JOHN GILSON - Data mode : R - Platform type : SOLO\_II - WMO inst type : 853 - FLOAT SERIAL : 8913 - Date : 2024 9 5

Float : 7900835 - Cycle : 65 - PI : STEPHEN RISER - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 9385 - Date : 2024 9 18

Float : 7900842 - Cycle : 62 - PI : STEPHEN RISER - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 9226 - Date : 2024 9 5

Float : 7900842 - Cycle : 63 - PI : STEPHEN RISER - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 9226 - Date : 2024 9 16

Float : 7900842 - Cycle : 64 - PI : STEPHEN RISER - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 9226 - Date : 2024 9 26

Float : 7900844 - Cycle : 63 - PI : STEPHEN RISER - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 9275 - Date : 2024 9 18

Float : 7902004 - Cycle : 6 - PI : STEPHEN RISER - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 10027 - Date : 2024 8 30

Float : 7902005 - Cycle : 8 - PI : STEPHEN RISER - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 10028 - Date : 2024 9 20

Float : 7902006 - Cycle : 8 - PI : STEPHEN RISER - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 10021 - Date : 2024 9 20

Float : 7902010 - Cycle : 5 - PI : STEPHEN RISER - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 10000 - Date : 2024 8 22

Float : 7902010 - Cycle : 6 - PI : STEPHEN RISER - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 10000 - Date : 2024 9 1

Float : 7902010 - Cycle : 7 - PI : STEPHEN RISER - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 10000 - Date : 2024 9 12

Float : 7902010 - Cycle : 8 - PI : STEPHEN RISER - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 10000 - Date : 2024 9 22

**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 : 2903465 - Cycle : 46 - PI : STEPHEN RISER, KENNETH JOHNSON - Data mode : D - Platform type : NAVIS\_EBR - WMO inst type : 869 - FLOAT SERIAL : 1473 - Date : 2024 9 2

Float : 2903465 - Cycle : 47 - PI : STEPHEN RISER, KENNETH JOHNSON - Data mode : D - Platform type : NAVIS\_EBR - WMO inst type : 869 - FLOAT SERIAL : 1473 - Date : 2024 9 12

Float : 5905702 - Cycle : 224 - PI : DEAN ROEMMICH - Data mode : D - Platform type : SOLO\_II - WMO inst type : 853 - FLOAT SERIAL : 8687 - Date : 2024 8 25

Float : 5906548 - Cycle : 62 - PI : STEPHEN RISER/KEN JOHNSON - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 9530 - Date : 2024 8 9

Float : 5907054 - Cycle : 12 - PI : STEPHEN RISER/KEN JOHNSON - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 9495 - Date : 2024 6 23

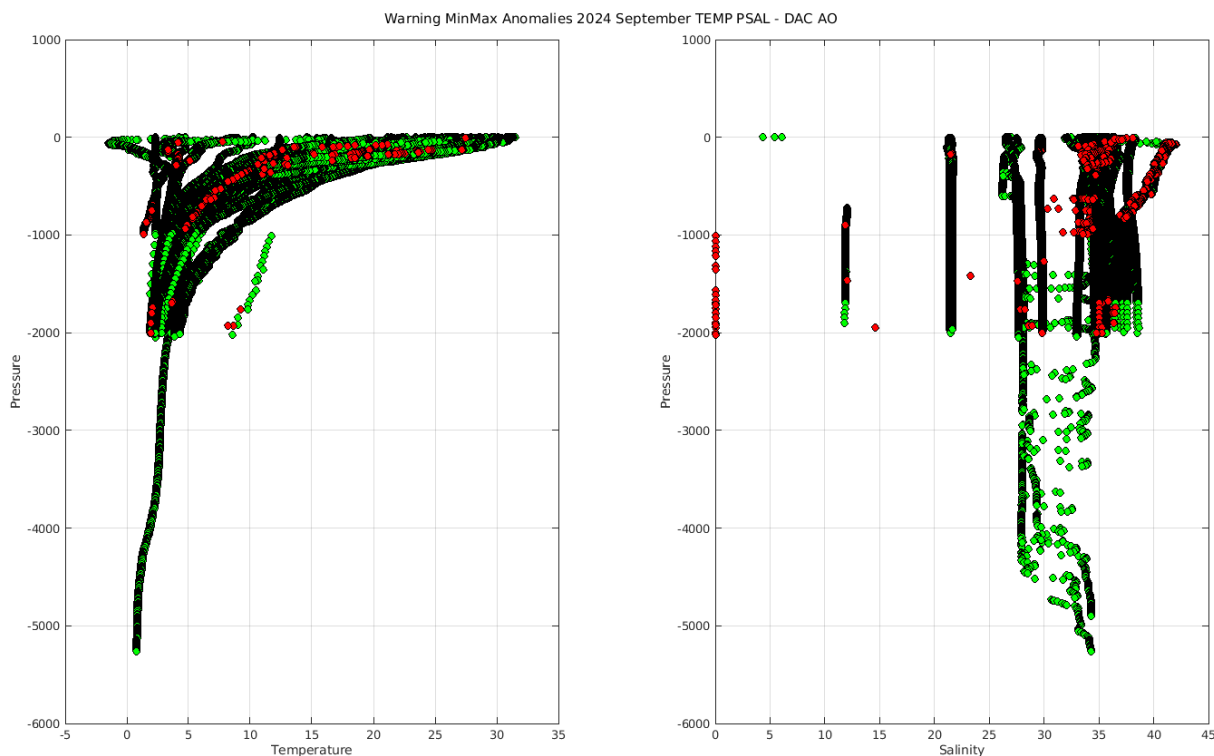
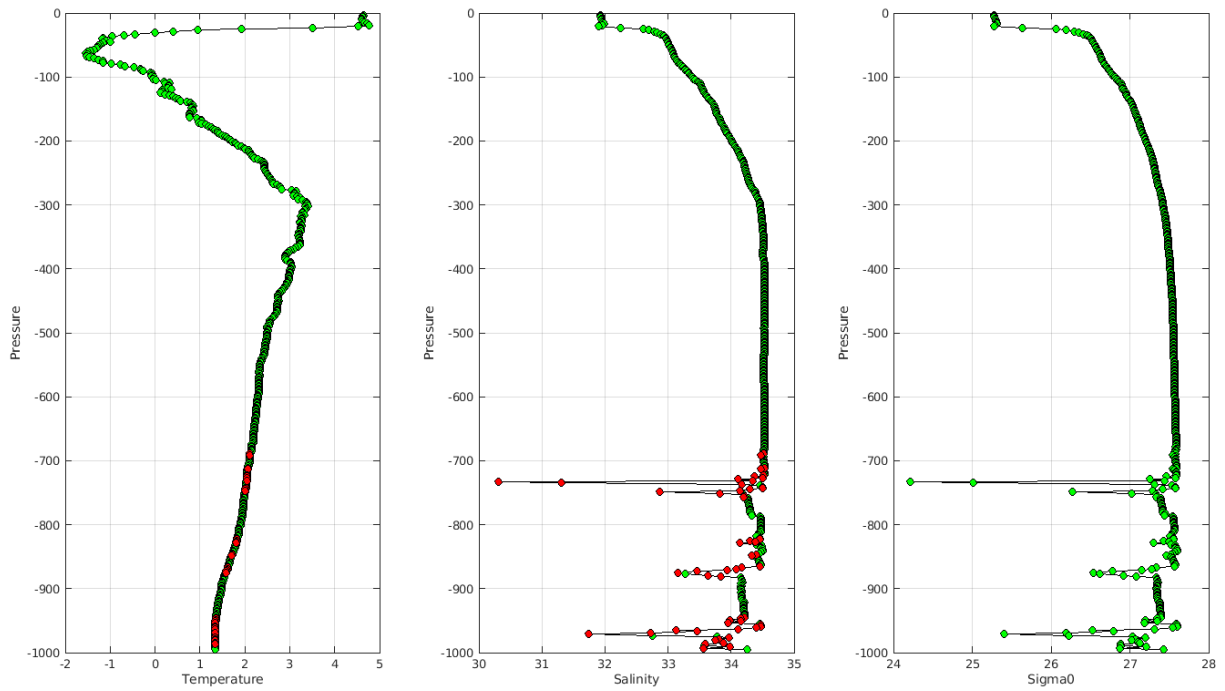


Figure. 100 first profiles.

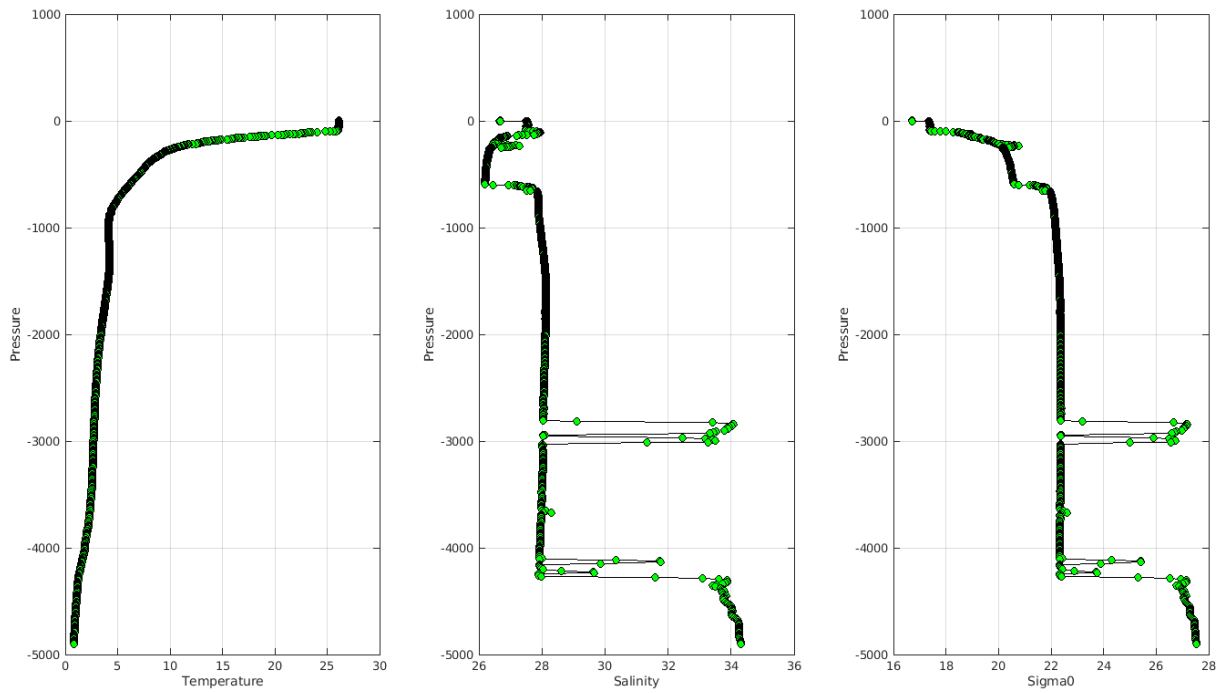
The list of the anomalies can be found at <https://data-argo.ifremer.fr/etc/ObjectiveAnalysisWarning/aoml/>

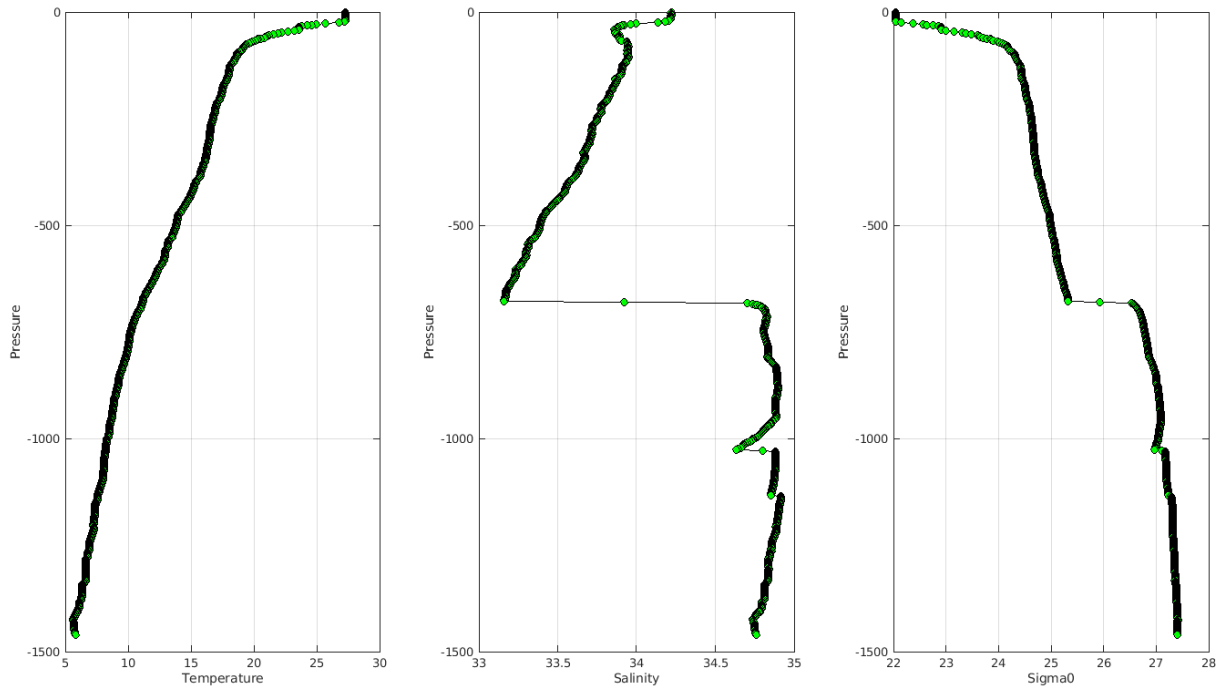
Example of anomalies:

Warning MinMax Anomalies 2024 July\_August\_withoutCORA TEMP PSAL : DAC AO- Float 1902655 - 86



Warning MinMax Anomalies 2024 July\_August\_withoutCORA TEMP PSAL : DAC AO- Float 3902150 - 206





**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: 0 profile (0 float but floats can have several cycles with anomalies)

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

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

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/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
.....

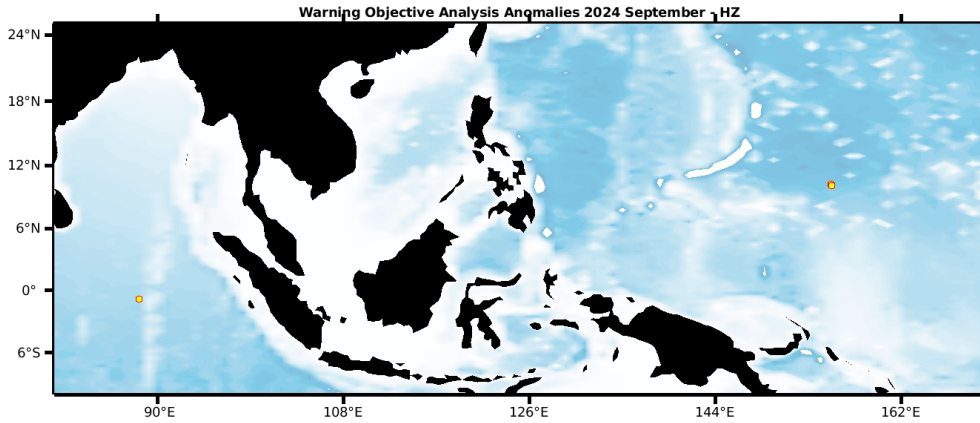
```



### 5.3. DAC CSIO

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

Data_mode ='R'	Data_mode ='A'	Data_mode ='D'
0 cycle	1 cycle	2 cycles



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

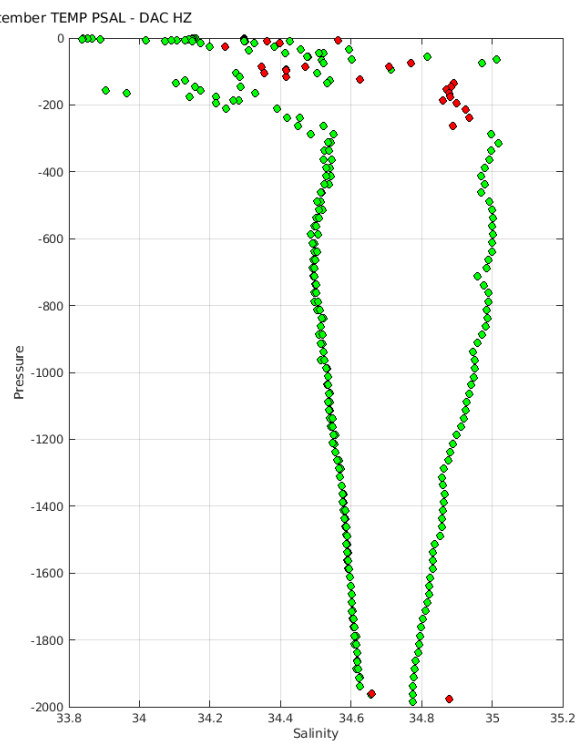
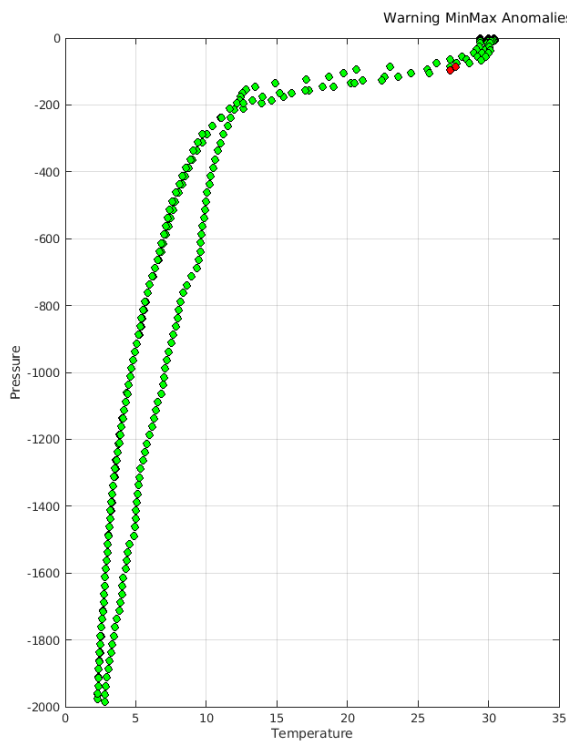
**Files data\_mode='R' / 'A'**

Float : 2902803 - Cycle : 191 - PI : FENG ZHOU - Data mode : A - Platform type : PROVOR - WMO inst type : 841 - FLOAT SERIAL : P32800-20CH021 - Date : 2024 9 24

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

Float : 2902778 - Cycle : 172 - PI : FENG ZHOU - Data mode : D - Platform type : PROVOR - WMO inst type : 841 - FLOAT SERIAL : P32800-19CH028 - Date : 2024 9 15

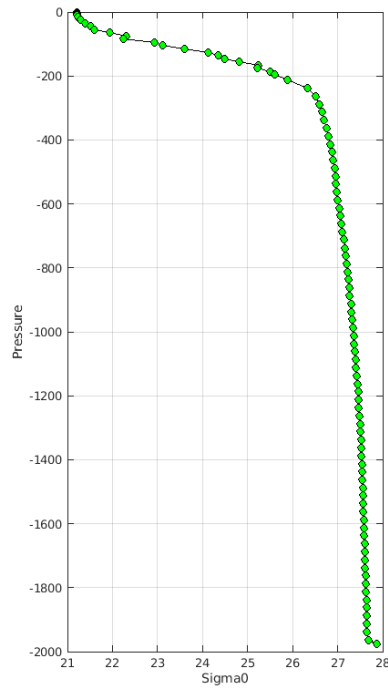
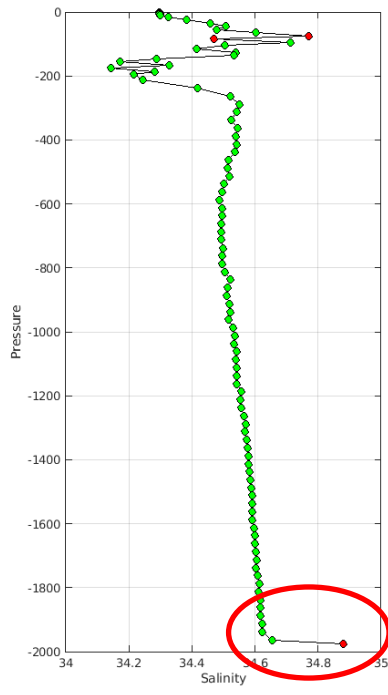
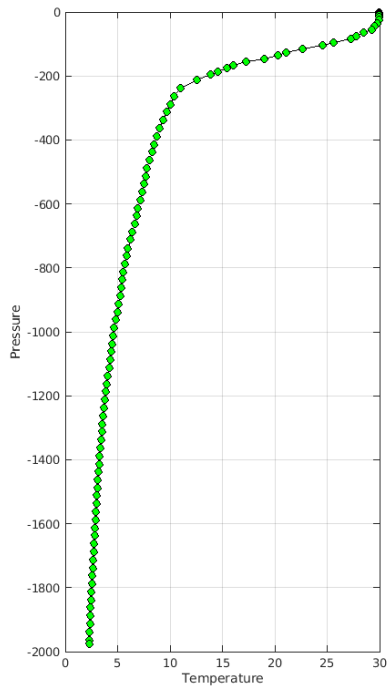
Float : 2902803 - Cycle : 190 - PI : FENG ZHOU - Data mode : D - Platform type : PROVOR - WMO inst type : 841 - FLOAT SERIAL : P32800-20CH021 - Date : 2024 9 17



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

Example of anomalies:

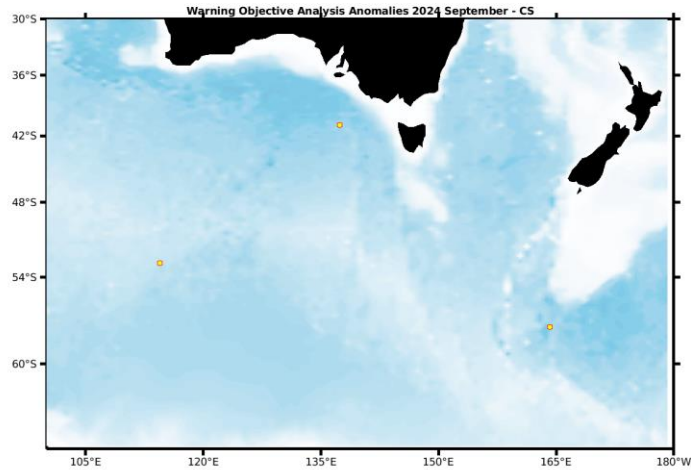
Warning MinMax Anomalies 2024 July\_August\_withoutCORA TEMP PSAL : DAC HZ- Float 2902803 - 190



## 5.4. DAC CSIRO

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

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

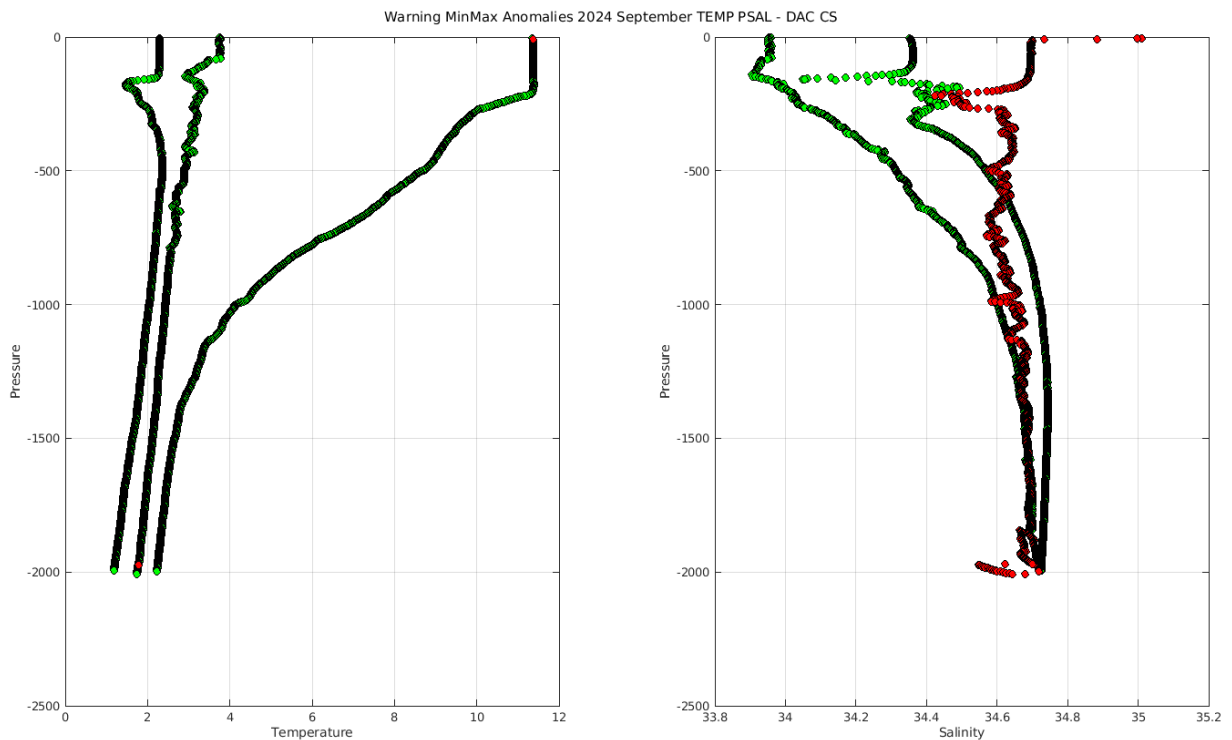


**Status of corrections:** Corrections done or in progress, regular feedback.

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

Float : 5905401 - Cycle : 236 - PI : Peter Oke - Data mode : A - Platform type : NAVIS\_EBR - WMO inst type : 869 - FLOAT SERIAL : 0905 - Date : 2024 9 15  
 Float : 5905559 - Cycle : 23 - PI : Peter Oke - Data mode : A - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : AI2600-23AU120 - Date : 2024 9 24  
 Float : 7900921 - Cycle : 130 - PI : Steve Rintoul - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 9026 - Date : 2024 9 11

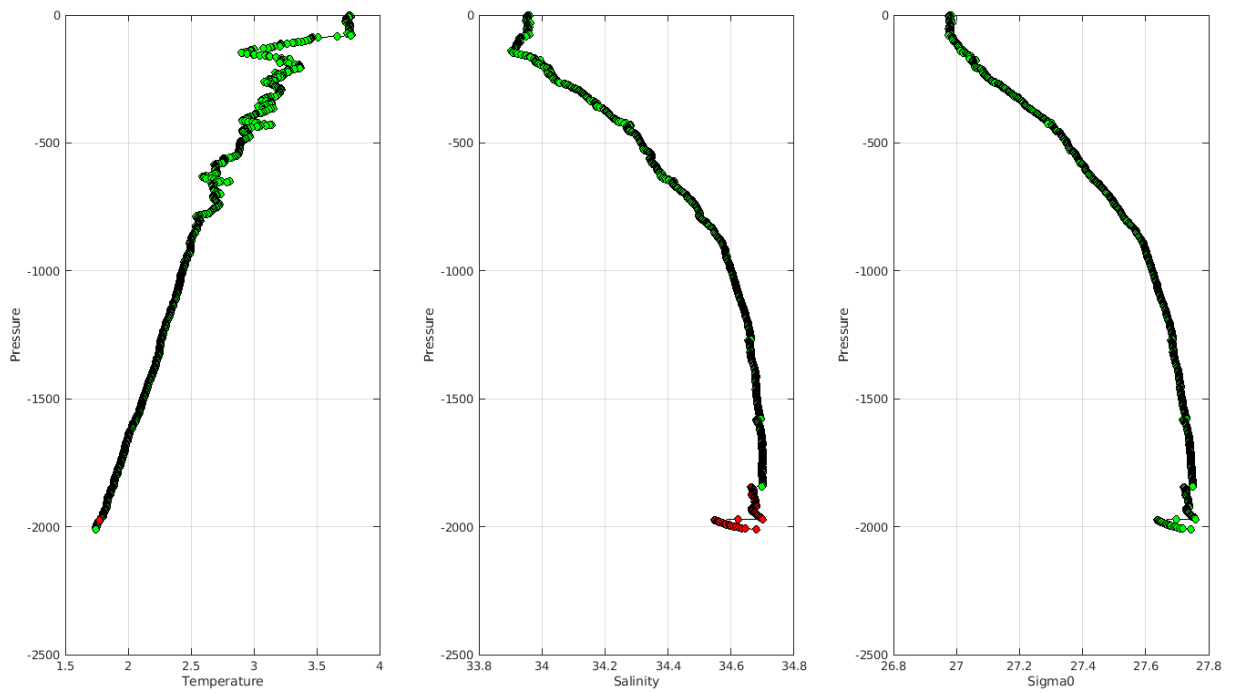
### Files data\_mode='D'



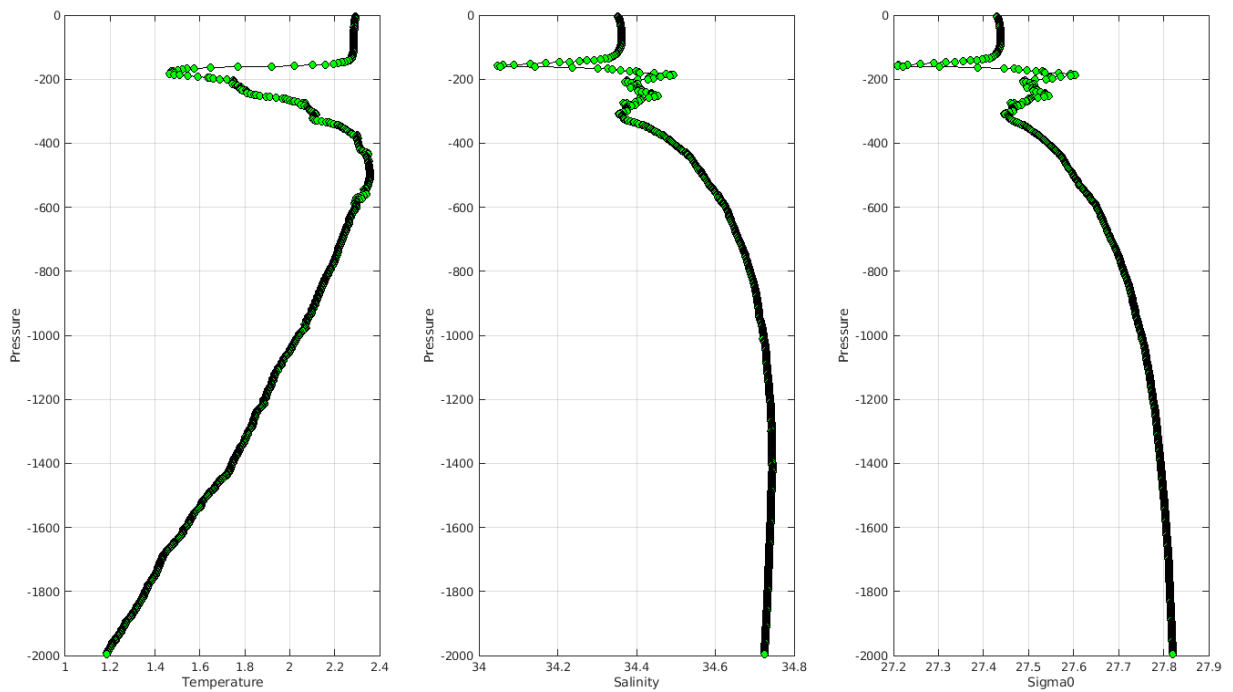
The list of the anomalies can be found at <https://data-argo.ifremer.fr/etc/ObjectiveAnalysisWarning/csiro/>

Example of anomalies:

Warning MinMax Anomalies 2024 July\_August\_withoutCORA TEMP PSAL : DAC CS- Float 5905559 - 23



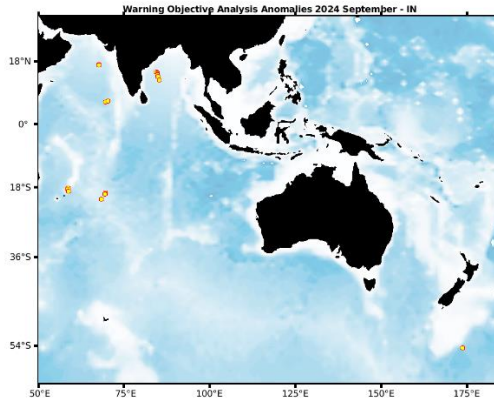
Warning MinMax Anomalies 2024 July\_August\_withoutCORA TEMP PSAL : DAC CS- Float 7900921 - 130



5.5. DAC INCOIS

Profiles detected by the objective analysis: 19 profiles (7 floats but floats can have several cycles with anomalies)

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

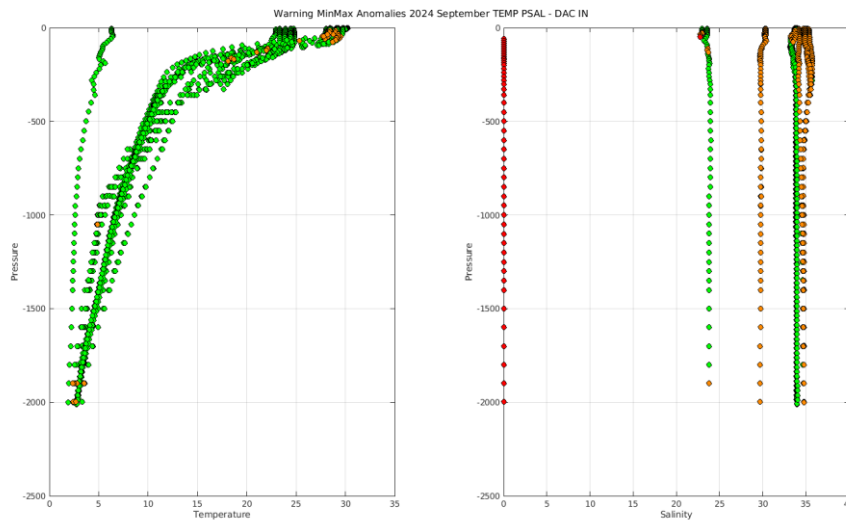


**Status of corrections:** Corrections done or in progress, some feedbacks. (A re-decoding for a certain type of floats handled at Coriolis may explain the large number of anomalies).

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

- Float : 2902184 - Cycle : 325 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7534 - Date : 2024 9 5
- Float : 2902184 - Cycle : 326 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7534 - Date : 2024 9 15
- Float : 2902184 - Cycle : 327 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7534 - Date : 2024 9 25
- Float : 2902185 - Cycle : 324 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7530 - Date : 2024 8 30
- Float : 2902185 - Cycle : 325 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7530 - Date : 2024 9 9
- Float : 2902185 - Cycle : 326 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7530 - Date : 2024 9 19
- Float : 2902200 - Cycle : 311 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7543 - Date : 2024 8 31
- Float : 2902200 - Cycle : 312 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7543 - Date : 2024 9 10
- Float : 2902203 - Cycle : 312 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7541 - Date : 2024 9 12
- Float : 2902203 - Cycle : 313 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7541 - Date : 2024 9 22
- Float : 2902213 - Cycle : 287 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7538 - Date : 2024 9 19
- Float : 2902222 - Cycle : 279 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7532 - Date : 2024 9 1
- Float : 5907083 - Cycle : 31 - PI : M Ravichandran - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 23003 - Date : 2024 7 15
- Float : 5907083 - Cycle : 32 - PI : M Ravichandran - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 23003 - Date : 2024 7 25
- Float : 5907083 - Cycle : 33 - PI : M Ravichandran - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 23003 - Date : 2024 8 4
- Float : 5907083 - Cycle : 34 - PI : M Ravichandran - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 23003 - Date : 2024 8 14
- Float : 5907083 - Cycle : 35 - PI : M Ravichandran - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 23003 - Date : 2024 8 24
- Float : 5907083 - Cycle : 36 - PI : M Ravichandran - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 23003 - Date : 2024 9 3
- Float : 5907083 - Cycle : 38 - PI : M Ravichandran - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 23003 - Date : 2024 9 23

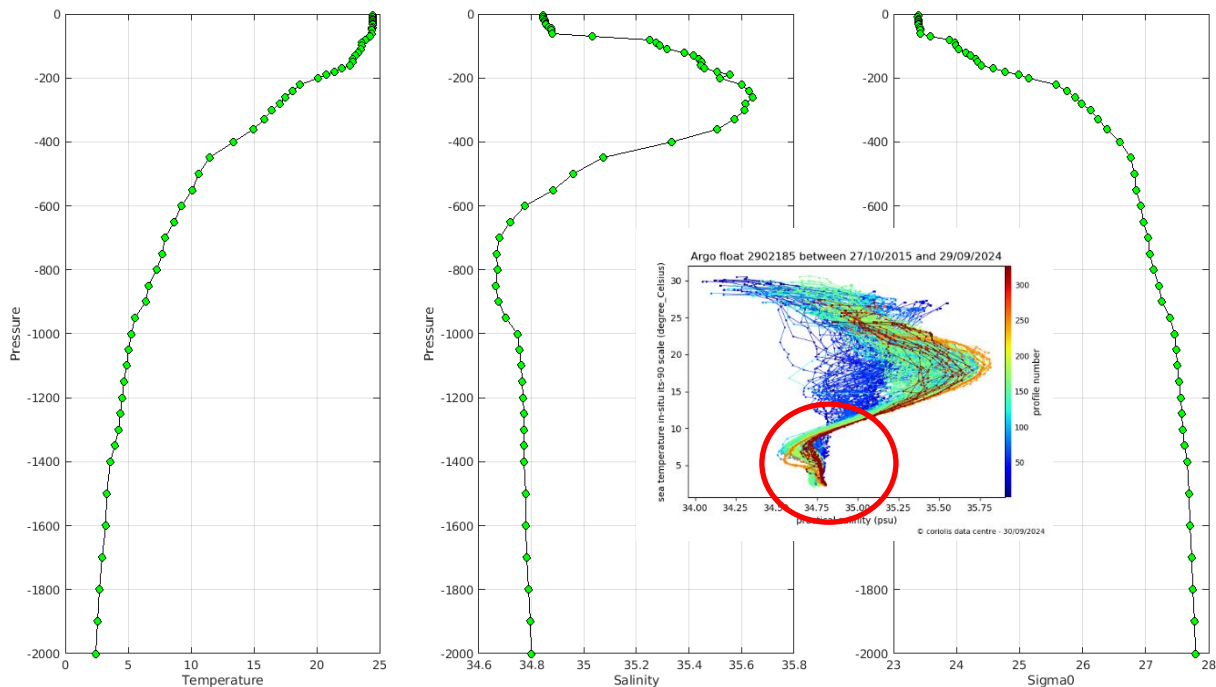
Files data\_mode='D'



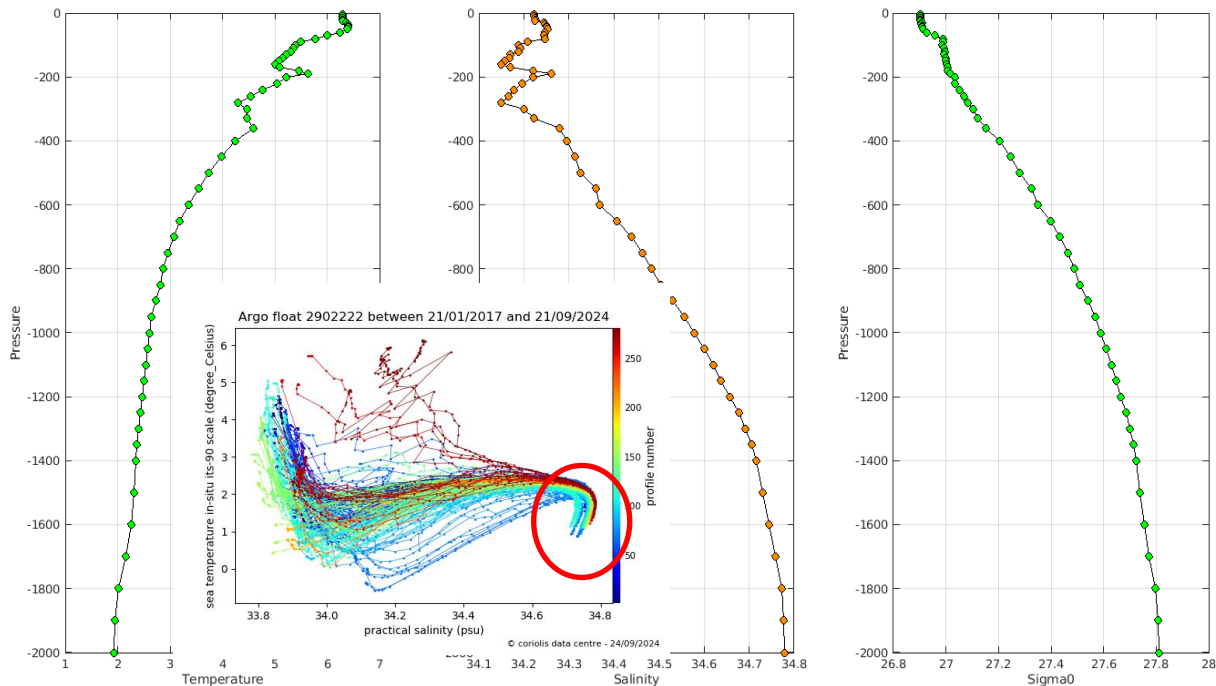
The list of the anomalies can be found at <https://data-argo.ifremer.fr/etc/ObjectiveAnalysisWarning/incois/>

Example of anomalies:

**Warning MinMax Anomalies 2024 July\_August\_withoutCORA TEMP PSAL : DAC IN- Float 2902185 - 326**



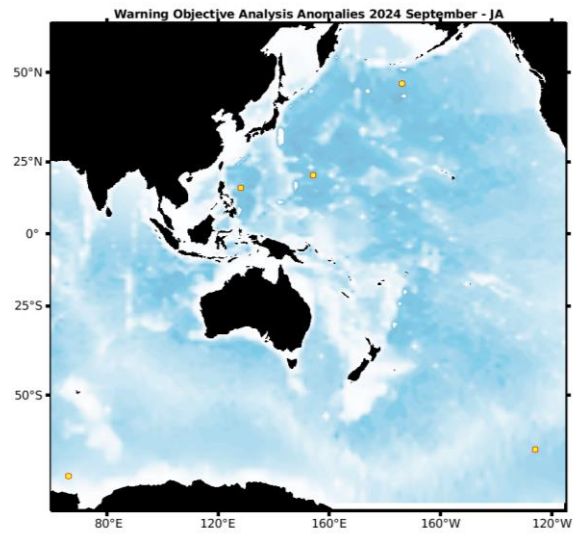
**Warning MinMax Anomalies 2024 July\_August\_withoutCORA TEMP PSAL : DAC IN- Float 2902222 - 279**



## 5.6. DAC JMA/JAMSTEC

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

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

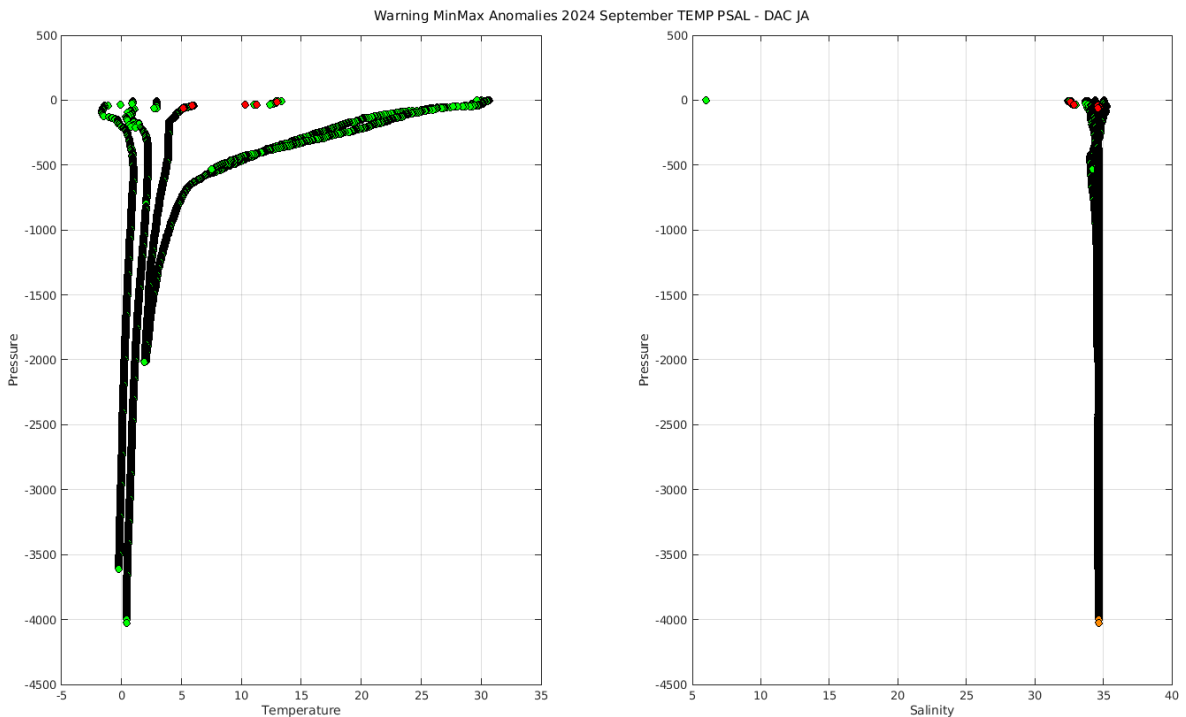


**Status of corrections:** Correction in progress, feedbacks each month

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

Float : 2903398 - Cycle : 146 - PI : JAMSTEC - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 8789 - Date : 2024 8 28  
 Float : 2903662 - Cycle : 124 - PI : JAMSTEC - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 9304 - Date : 2024 9 3  
 Float : 5906392 - Cycle : 327 - PI : JAMSTEC Satoru Yokoi - Data mode : A - Platform type : APEX - WMO inst type : 877 - FLOAT SERIAL : 9713 - Date : 2024 8 30  
 Float : 7900691 - Cycle : 1 - PI : JAMSTEC - Data mode : A - Platform type : NINJA\_D - WMO inst type : 864 - FLOAT SERIAL : 20 - Date : 2017 2 20  
 Float : 7900874 - Cycle : 1 - PI : JAMSTEC - Data mode : A - Platform type : NINJA\_D - WMO inst type : 864 - FLOAT SERIAL : 32 - Date : 2023 2 7

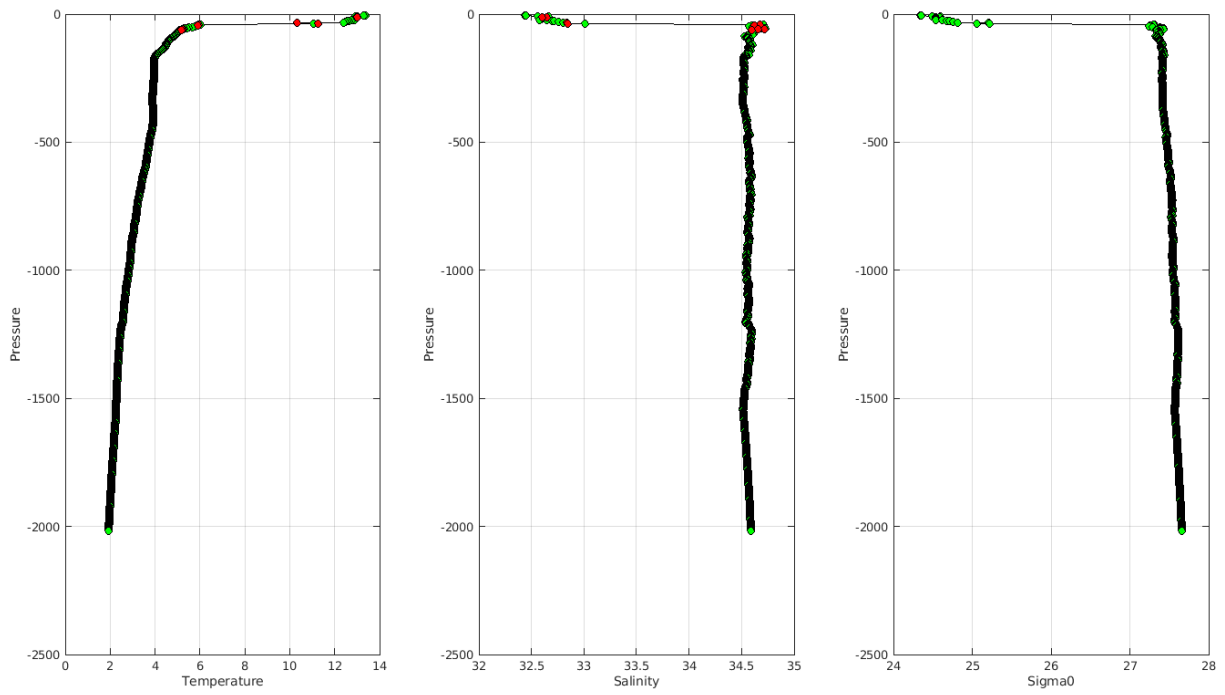
### Files data\_mode='D'



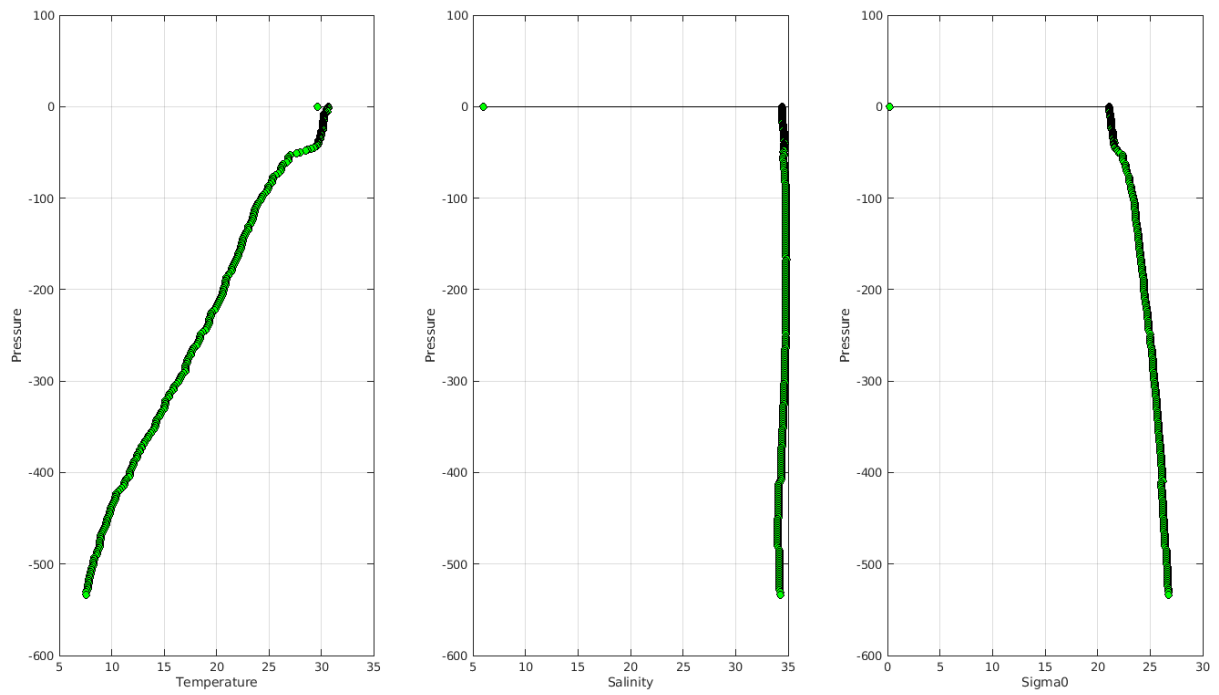
The list of the anomalies can be found at <https://data-argo.ifremer.fr/etc/ObjectiveAnalysisWarning/jma/>

Example of anomalies:

Warning MinMax Anomalies 2024 July\_August\_withoutCORA TEMP PSAL : DAC JA- Float 2903662 - 124



Warning MinMax Anomalies 2024 July\_August\_withoutCORA TEMP PSAL : DAC JA- Float 5906392 - 327





## 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 =

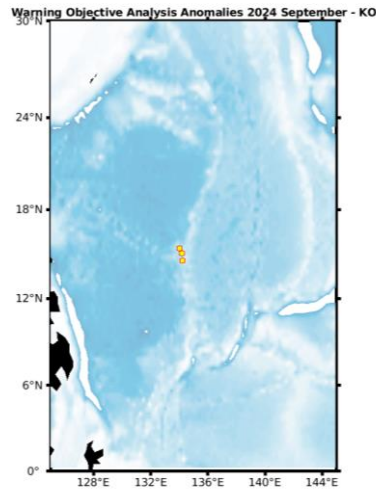
**-1073760.375, 33.900, 33.876, 33.928, 33.964, 34.015,**  
**34.028, 34.027, 34.031, 34.033, 34.034, 34.029,**

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 (1 float – float can have several cycles with anomalies)

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

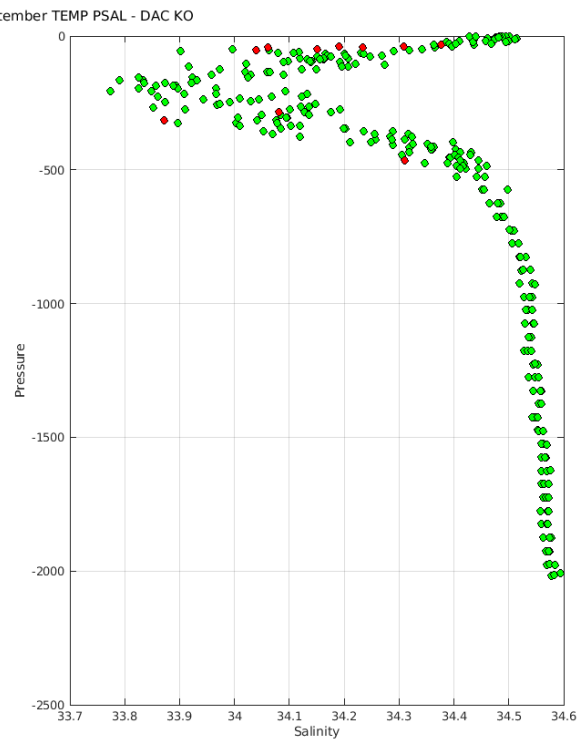
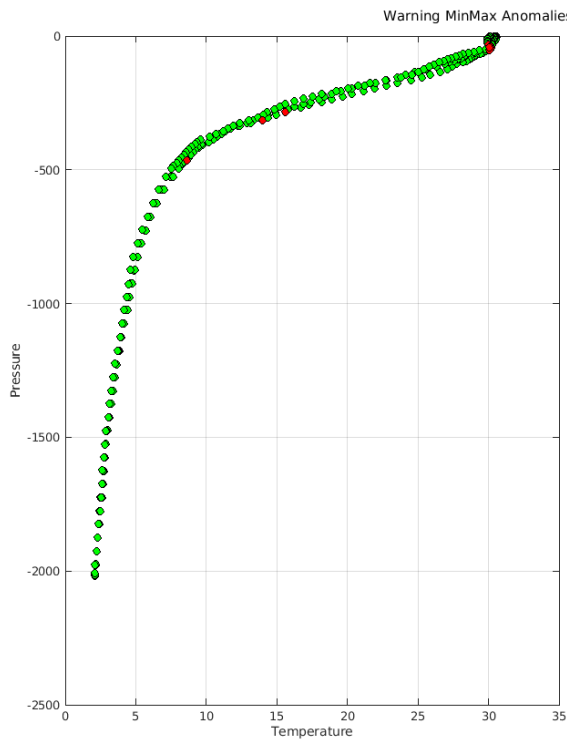


**Status of corrections: No feedback.**

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

Float : 3902470 - Cycle : 70 - PI : Sung-Dae KIM - Data mode : A - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 21016 - Date : 2024 9 2  
 Float : 3902470 - Cycle : 71 - PI : Sung-Dae KIM - Data mode : A - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 21016 - Date : 2024 9 12  
 Float : 3902470 - Cycle : 72 - PI : Sung-Dae KIM - Data mode : A - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 21016 - Date : 2024 9 22

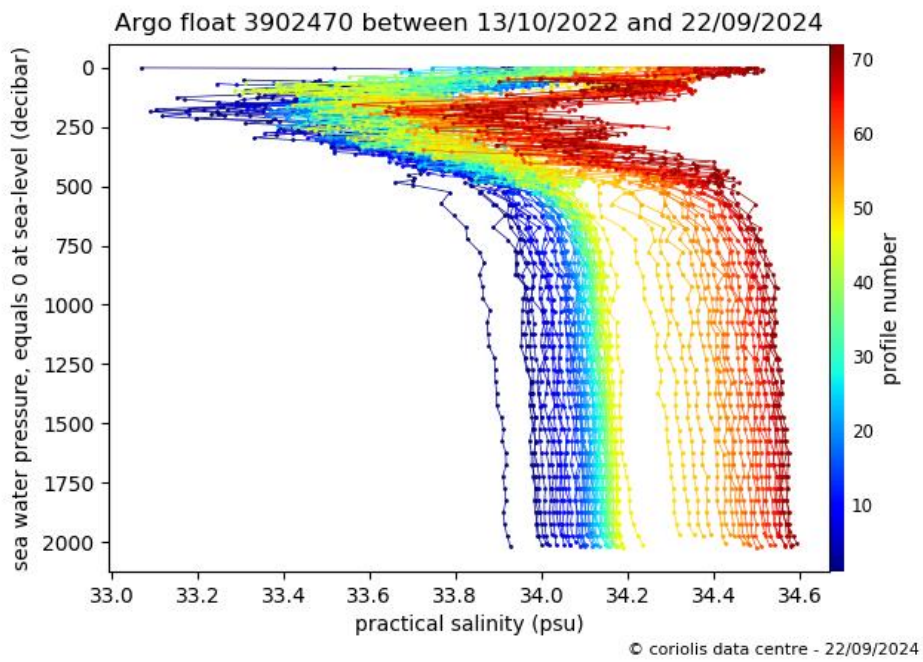
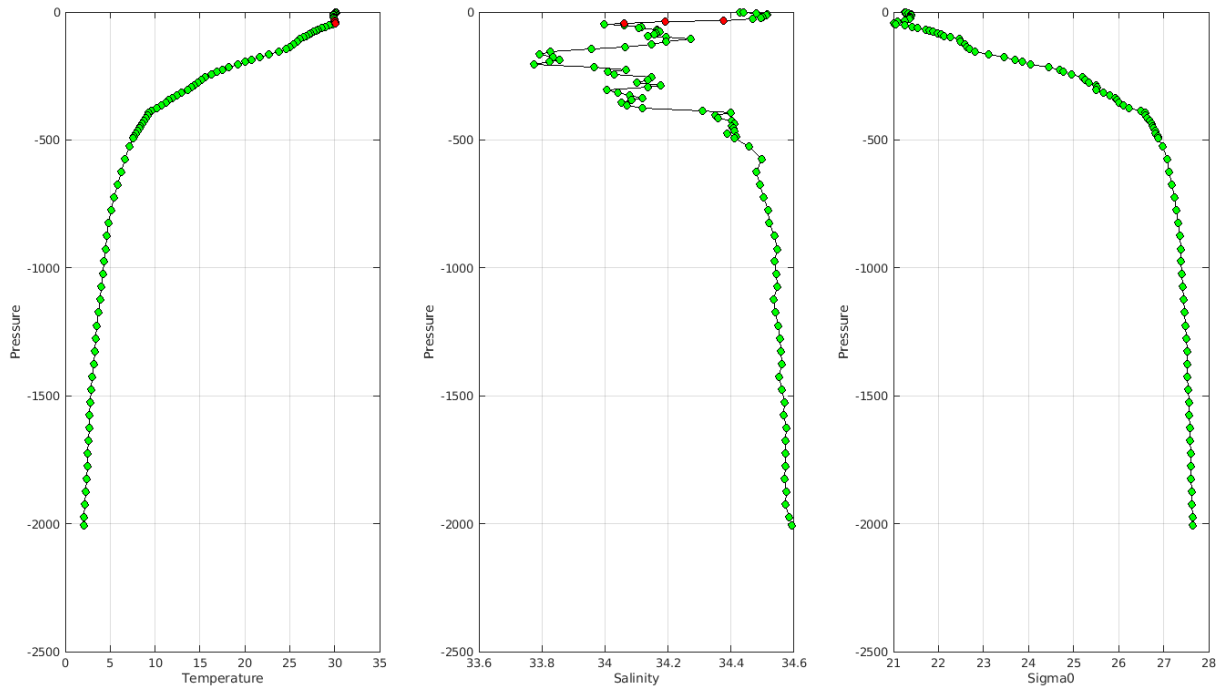
### Files data mode='D'



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

Example of anomalies:

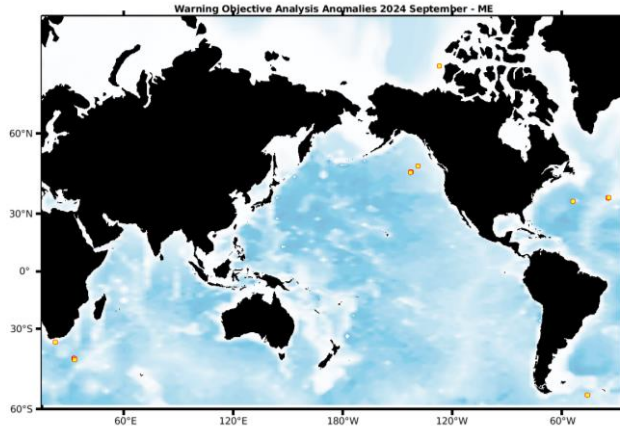
Warning MinMax Anomalies 2024 July\_August\_withoutCORA TEMP PSAL : DAC KO- Float 3902470 - 72



5.9. DAC MEDS

Profiles detected by the objective analysis: 14 profiles (8 floats but floats can have several cycles with anomalies)

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

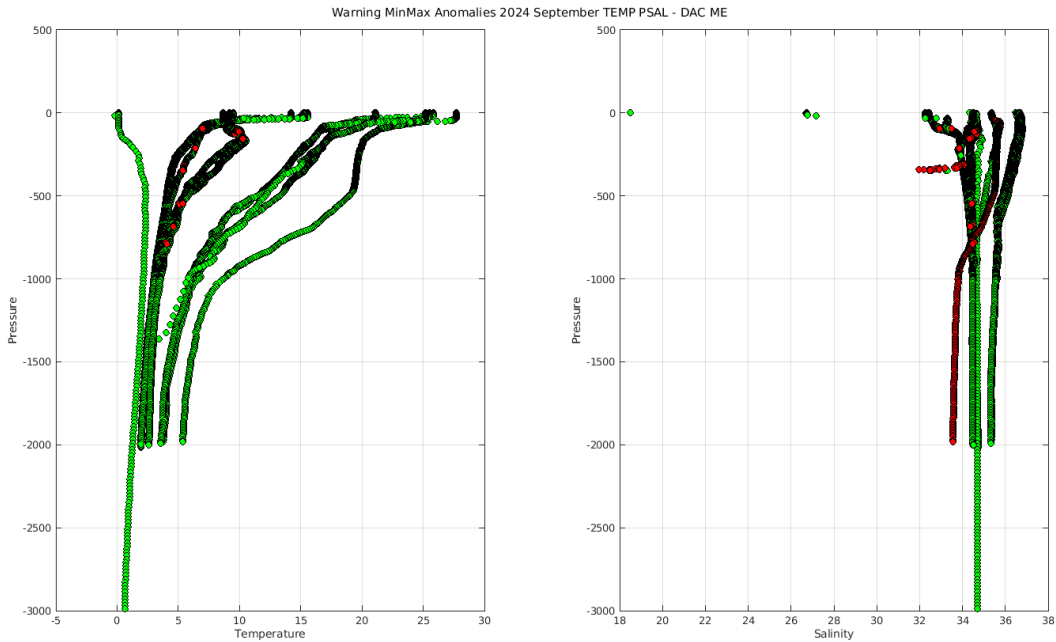


**Status of corrections: In progress.**

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

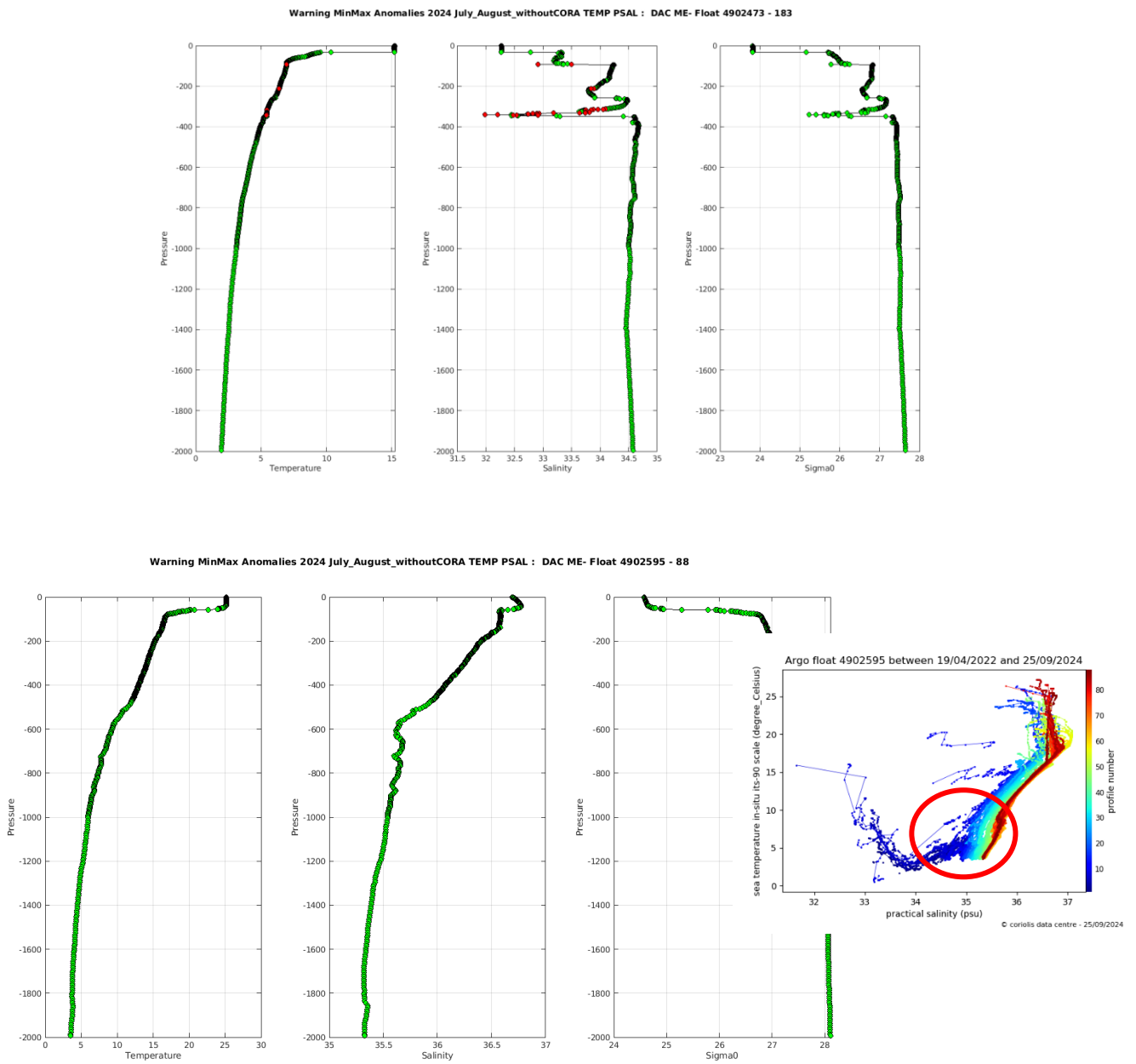
- Float : 4902445 - Cycle : 226 - PI : Blair Greenan - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 260018CA08 - Date : 2024 9 6
- Float : 4902445 - Cycle : 227 - PI : Blair Greenan - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 260018CA08 - Date : 2024 9 16
- Float : 4902445 - Cycle : 228 - PI : Blair Greenan - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 260018CA08 - Date : 2024 9 27
- Float : 4902470 - Cycle : 196 - PI : Blair Greenan - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 260018CA14 - Date : 2024 9 17
- Float : 4902473 - Cycle : 183 - PI : Blair Greenan - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 260019CA02 - Date : 2024 9 19
- Float : 4902595 - Cycle : 86 - PI : Blair Greenan - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 260021CA36 - Date : 2024 9 4
- Float : 4902595 - Cycle : 87 - PI : Blair Greenan - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 260021CA36 - Date : 2024 9 15
- Float : 4902595 - Cycle : 88 - PI : Blair Greenan - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 260021CA36 - Date : 2024 9 25
- Float : 4902610 - Cycle : 37 - PI : Blair Greenan - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 260022CA08 - Date : 2024 9 7
- Float : 4902628 - Cycle : 65 - PI : Blair Greenan - Data mode : R - Platform type : PROVOR\_III - WMO inst type : 836 - FLOAT SERIAL : P43205-22CA003 - Date : 2024 8 23
- Float : 4902638 - Cycle : 24 - PI : Blair Greenan - Data mode : A - Platform type : ARVOR\_D - WMO inst type : 838 - FLOAT SERIAL : P2700-23CA006 - Date : 2024 9 21
- Float : 4902657 - Cycle : 15 - PI : Blair Greenan - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 260023CA02 - Date : 2024 9 4
- Float : 4902657 - Cycle : 16 - PI : Blair Greenan - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 260023CA02 - Date : 2024 9 14
- Float : 4902657 - Cycle : 17 - PI : Blair Greenan - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 260023CA02 - Date : 2024 9 23

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 : 8961

1900167 - Existing NetCDF files

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

3900160 - Existing NetCDF files

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

3900148 - Existing NetCDF files

File : 3900148\_meta.nc - 3900148\_prof.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 monoprofile, no trajectory)

### **MAINLY TRAJECTORY FILE MISSING**

See below the list of floats with existing nc files :

DAC name : bodc – Number of floats : 912

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

1901852 - Existing NetCDF files  
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1901853 - Existing NetCDF files  
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1901854 - Existing NetCDF files  
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1901855 - Existing NetCDF files  
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1901856 - Existing NetCDF files  
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1901857 - Existing NetCDF files  
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1901858 - Existing NetCDF files  
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1901859 - Existing NetCDF files  
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1901860 - Existing NetCDF files  
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1901861 - Existing NetCDF files  
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1901862 - Existing NetCDF files  
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1901863 - Existing NetCDF files  
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1901864 - Existing NetCDF files  
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1901865 - Existing NetCDF files  
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1901866 - Existing NetCDF files  
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1901867 - Existing NetCDF files  
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1901868 - Existing NetCDF files  
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1901869 - Existing NetCDF files  
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1901870 - Existing NetCDF files  
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1901871 - Existing NetCDF files  
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1901872 - Existing NetCDF files  
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1901875 - Existing NetCDF files  
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1901876 - Existing NetCDF files  
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1901877 - Existing NetCDF files  
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1901878 - Existing NetCDF files  
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1901881 - Existing NetCDF files  
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1902112 - Existing NetCDF files  
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3901489 - Existing NetCDF files  
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3901495 - Existing NetCDF files  
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3901503 - Existing NetCDF files  
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3901504 - Existing NetCDF files  
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3901505 - Existing NetCDF files  
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3901506 - Existing NetCDF files  
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3901508 - Existing NetCDF files  
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3901509 - Existing NetCDF files  
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3901510 - Existing NetCDF files  
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3901511 - 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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3901517 - Existing NetCDF files  
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3901519 - Existing NetCDF files  
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3901520 - Existing NetCDF files  
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3901521 - Existing NetCDF files



3901570 - Existing NetCDF files  
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3901571 - Existing NetCDF files  
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3901572 - Existing NetCDF files  
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3901575 - Existing NetCDF files  
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3902398 - Existing NetCDF files  
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3902400 - Existing NetCDF files  
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3902402 - Existing NetCDF files  
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6901153 - Existing NetCDF files  
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6901168 - Existing NetCDF files  
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6903719 - Existing NetCDF files

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6903720 - Existing NetCDF files

File : 6903720\_meta.nc - 6903720\_prof.nc - 6903720\_tech.nc -

6903721 - Existing NetCDF files

File : 6903721\_meta.nc - 6903721\_prof.nc - 6903721\_tech.nc -

6903722 - Existing NetCDF files

File : 6903722\_meta.nc - 6903722\_prof.nc - 6903722\_tech.nc -

6903723 - Existing NetCDF files

File : 6903723\_meta.nc - 6903723\_prof.nc - 6903723\_tech.nc -

6903724 - Existing NetCDF files

File : 6903724\_meta.nc - 6903724\_prof.nc - 6903724\_tech.nc -

6903725 - Existing NetCDF files

File : 6903725\_meta.nc - 6903725\_prof.nc - 6903725\_tech.nc -

6903726 - Existing NetCDF files

File : 6903726\_meta.nc - 6903726\_prof.nc - 6903726\_tech.nc -

6903727 - Existing NetCDF files

File : 6903727\_meta.nc - 6903727\_prof.nc - 6903727\_tech.nc -

6903751 - Existing NetCDF files

File : 6903751\_meta.nc - 6903751\_prof.nc - 6903751\_tech.nc -

6903752 - Existing NetCDF files

File : 6903752\_meta.nc - 6903752\_prof.nc - 6903752\_tech.nc -

6903753 - Existing NetCDF files

File : 6903753\_meta.nc - 6903753\_prof.nc - 6903753\_tech.nc -

6903754 - Existing NetCDF files

File : 6903754\_meta.nc - 6903754\_prof.nc - 6903754\_tech.nc -

6903755 - Existing NetCDF files

File : 6903755\_meta.nc - 6903755\_prof.nc - 6903755\_tech.nc -

6903758 - Existing NetCDF files

File : 6903758\_meta.nc - 6903758\_prof.nc - 6903758\_tech.nc -

6903760 - Existing NetCDF files

File : 6903760\_meta.nc - 6903760\_prof.nc - 6903760\_tech.nc -

6903761 - Existing NetCDF files

File : 6903761\_meta.nc - 6903761\_prof.nc - 6903761\_tech.nc -

6904179 - Existing NetCDF files

File : 6904179\_meta.nc - 6904179\_prof.nc - 6904179\_tech.nc -

6904180 - Existing NetCDF files

File : 6904180\_meta.nc - 6904180\_prof.nc - 6904180\_tech.nc -

6904181 - Existing NetCDF files

File : 6904181\_meta.nc - 6904181\_prof.nc - 6904181\_tech.nc -

6904191 - Existing NetCDF files

File : 6904191\_meta.nc - 6904191\_prof.nc - 6904191\_tech.nc -

6904192 - Existing NetCDF files

File : 6904192\_meta.nc - 6904192\_prof.nc - 6904192\_tech.nc -

6990513 - Existing NetCDF files

File : 6990513\_meta.nc - 6990513\_prof.nc - 6990513\_tech.nc -

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

File : 6990520\_meta.nc - 6990520\_prof.nc - 6990520\_tech.nc -

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

### 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 : 3850**

1900380 - Existing NetCDF files

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

1901216 - Existing NetCDF files

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

5903129 - Existing NetCDF files

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

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

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 : 555**

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 : 1179

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 -

5904925 - Existing NetCDF files

File : 5904925\_meta.nc - 5904925\_prof.nc - 5904925\_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 : 541

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

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

2902261 - Existing NetCDF files

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

2902262 - Existing NetCDF files

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

2902265 - Existing NetCDF files

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

2902266 - Existing NetCDF files

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

2902267 - Existing NetCDF files

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

2902268 - Existing NetCDF files

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

2902269 - Existing NetCDF files

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

2902278 - Existing NetCDF files

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

2902279 - Existing NetCDF files

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

2902280 - Existing NetCDF files

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

2902281 - Existing NetCDF files

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

2902282 - Existing NetCDF files

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

2902283 - Existing NetCDF files

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

2902284 - Existing NetCDF files

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

2902285 - Existing NetCDF files

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

2902286 - Existing NetCDF files

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

2902287 - Existing NetCDF files

File : 2902287\_meta.nc - 2902287\_prof.nc - 2902287\_tech.nc -

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

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

2902290 - Existing NetCDF files  
File : 2902290\_meta.nc - 2902290\_prof.nc - 2902290\_tech.nc -

2902291 - Existing NetCDF files  
File : 2902291\_meta.nc - 2902291\_prof.nc - 2902291\_tech.nc -

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

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

2902300 - Existing NetCDF files  
File : 2902300\_meta.nc - 2902300\_prof.nc - 2902300\_tech.nc -

2902301 - Existing NetCDF files  
File : 2902301\_meta.nc - 2902301\_prof.nc - 2902301\_tech.nc -

2902302 - Existing NetCDF files  
File : 2902302\_meta.nc - 2902302\_prof.nc - 2902302\_tech.nc -

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

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

2903891 - Existing NetCDF files  
File : 2903891\_meta.nc - 2903891\_prof.nc - 2903891\_tech.nc -

2903892 - Existing NetCDF files  
File : 2903892\_meta.nc - 2903892\_prof.nc - 2903892\_tech.nc -

2903893 - Existing NetCDF files  
File : 2903893\_meta.nc - 2903893\_prof.nc - 2903893\_tech.nc -

2903894 - Existing NetCDF files  
File : 2903894\_meta.nc - 2903894\_prof.nc - 2903894\_tech.nc -

2903895 - Existing NetCDF files  
File : 2903895\_meta.nc - 2903895\_prof.nc - 2903895\_tech.nc -

3902573 - Existing NetCDF files  
File : 3902573\_meta.nc - 3902573\_prof.nc - 3902573\_tech.nc -

4903775 - Existing NetCDF files  
File : 4903775\_meta.nc - 4903775\_prof.nc - 4903775\_tech.nc -

4903776 - Existing NetCDF files  
File : 4903776\_meta.nc - 4903776\_prof.nc - 4903776\_tech.nc -

4903777 - Existing NetCDF files  
File : 4903777\_meta.nc - 4903777\_prof.nc - 4903777\_tech.nc -

5907082 - Existing NetCDF files

File : 5907082\_meta.nc - 5907082\_prof.nc - 5907082\_tech.nc -

5907083 - Existing NetCDF files  
File : 5907083\_meta.nc - 5907083\_prof.nc - 5907083\_tech.nc -

5907084 - Existing NetCDF files  
File : 5907084\_meta.nc - 5907084\_prof.nc - 5907084\_tech.nc -

5907085 - Existing NetCDF files  
File : 5907085\_meta.nc - 5907085\_prof.nc - 5907085\_tech.nc -

6990608 - Existing NetCDF files  
File : 6990608\_meta.nc - 6990608\_prof.nc - 6990608\_tech.nc -

6990609 - Existing NetCDF files  
File : 6990609\_meta.nc - 6990609\_prof.nc - 6990609\_tech.nc -

6990610 - Existing NetCDF files  
File : 6990610\_meta.nc - 6990610\_prof.nc - 6990610\_tech.nc -

6990611 - Existing NetCDF files  
File : 6990611\_meta.nc - 6990611\_prof.nc - 6990611\_tech.nc -

6990612 - Existing NetCDF files  
File : 6990612\_meta.nc - 6990612\_prof.nc - 6990612\_tech.nc -

6990613 - Existing NetCDF files  
File : 6990613\_meta.nc - 6990613\_prof.nc - 6990613\_tech.nc -

6990614 - Existing NetCDF files  
File : 6990614\_meta.nc - 6990614\_prof.nc - 6990614\_tech.nc -

6990615 - Existing NetCDF files  
File : 6990615\_meta.nc - 6990615\_prof.nc - 6990615\_tech.nc -

6990616 - Existing NetCDF files  
File : 6990616\_meta.nc - 6990616\_prof.nc - 6990616\_tech.nc -

6990617 - Existing NetCDF files  
File : 6990617\_meta.nc - 6990617\_prof.nc - 6990617\_tech.nc -

6990618 - Existing NetCDF files  
File : 6990618\_meta.nc - 6990618\_prof.nc - 6990618\_tech.nc -

7901125 - Existing NetCDF files  
File : 7901125\_meta.nc - 7901125\_prof.nc - 7901125\_tech.nc -

7901126 - Existing NetCDF files  
File : 7901126\_meta.nc - 7901126\_prof.nc - 7901126\_tech.nc -

7901127 - Existing NetCDF files  
File : 7901127\_meta.nc - 7901127\_prof.nc - 7901127\_tech.nc -

7901128 - Existing NetCDF files  
File : 7901128\_meta.nc - 7901128\_prof.nc - 7901128\_tech.nc -

7901130 - Existing NetCDF files  
File : 7901130\_meta.nc - 7901130\_prof.nc - 7901130\_tech.nc -

7901131 - Existing NetCDF files  
File : 7901131\_meta.nc - 7901131\_prof.nc - 7901131\_tech.nc

## 8.7. JMA

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

**Checking of the status of each float.**

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

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

**-Others : 8 floats**

**need further investigation**

**For some floats :**

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

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

**DAC name : jma – Number of floats : 1950**

1902074 - Existing NetCDF files

File : 1902074\_meta.nc - 1902074\_prof.nc -

1902075 - Existing NetCDF files

File : 1902075\_meta.nc - 1902075\_prof.nc -

1902332 - Existing NetCDF files

File : 1902332\_Sprof.nc - 1902332\_meta.nc - 1902332\_prof.nc -

1902333 - Existing NetCDF files

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

1902335 - Existing NetCDF files

File : 1902335\_meta.nc - 1902335\_prof.nc -

1902336 - Existing NetCDF files

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1902337 - Existing NetCDF files

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1902351 - Existing NetCDF files

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2901998 - Existing NetCDF files

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2902508 - Existing NetCDF files

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2902509 - Existing NetCDF files

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2902510 - Existing NetCDF files

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2902529 - Existing NetCDF files

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2902530 - Existing NetCDF files

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2902971 - Existing NetCDF files

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2902977 - Existing NetCDF files

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2902978 - Existing NetCDF files

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2903005 - Existing NetCDF files

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2903006 - Existing NetCDF files

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2903007 - Existing NetCDF files

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2903008 - Existing NetCDF files

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2903009 - Existing NetCDF files

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2903010 - Existing NetCDF files

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2903011 - Existing NetCDF files

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2903012 - Existing NetCDF files

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2903327 - Existing NetCDF files  
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2903402 - Existing NetCDF files  
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2903403 - Existing NetCDF files  
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2903605 - Existing NetCDF files  
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2903609 - Existing NetCDF files  
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2903630 - Existing NetCDF files

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2903631 - Existing NetCDF files  
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2903667 - Existing NetCDF files  
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2903669 - Existing NetCDF files  
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2903670 - Existing NetCDF files  
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2903671 - Existing NetCDF files  
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2903672 - Existing NetCDF files  
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2903700 - Existing NetCDF files  
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2903701 - Existing NetCDF files  
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2903730 - Existing NetCDF files  
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2903731 - Existing NetCDF files  
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2903732 - Existing NetCDF files  
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2903760 - Existing NetCDF files  
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2903761 - Existing NetCDF files  
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3902388 - Existing NetCDF files  
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3902392 - Existing NetCDF files  
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3902393 - Existing NetCDF files  
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3902394 - Existing NetCDF files  
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4900293 - Existing NetCDF files  
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4902378 - Existing NetCDF files  
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4902380 - Existing NetCDF files  
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4902981 - Existing NetCDF files  
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4902982 - Existing NetCDF files  
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4902990 - Existing NetCDF files  
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4902991 - Existing NetCDF files  
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4902992 - Existing NetCDF files  
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4903607 - Existing NetCDF files  
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4903608 - Existing NetCDF files  
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4903609 - Existing NetCDF files  
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5901582 - Existing NetCDF files  
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5901937 - Existing NetCDF files  
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5904937 - Existing NetCDF files  
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5905062 - Existing NetCDF files  
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5905063 - Existing NetCDF files  
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5905218 - Existing NetCDF files  
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5905223 - Existing NetCDF files  
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5905224 - Existing NetCDF files



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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5905878 - Existing NetCDF files  
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5905880 - Existing NetCDF files  
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5905881 - Existing NetCDF files  
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5906384 - Existing NetCDF files  
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5906599 - Existing NetCDF files  
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5906600 - Existing NetCDF files  
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7900024 - Existing NetCDF files  
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7900025 - Existing NetCDF files  
File : 7900025\_Rtraj.nc - 7900025\_meta.nc - 7900025\_tech.nc -

7900599 - Existing NetCDF files  
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7900600 - Existing NetCDF files  
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7900601 - Existing NetCDF files  
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7900652 - Existing NetCDF files  
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7900660 - Existing NetCDF files  
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7900691 - Existing NetCDF files  
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7900863 - Existing NetCDF files  
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7900864 - Existing NetCDF files  
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7900866 - Existing NetCDF files  
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7900868 - Existing NetCDF files  
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7900872 - Existing NetCDF files  
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7900873 - Existing NetCDF files  
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7900874 - Existing NetCDF files  
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7900875 - Existing NetCDF files

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7900876 - Existing NetCDF files  
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7900877 - Existing NetCDF files  
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7900878 - Existing NetCDF files  
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7900879 - Existing NetCDF files  
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7900881 - Existing NetCDF files  
File : 7900881\_Sprof.nc - 7900881\_meta.nc - 7900881\_prof.nc

## 8.8. KMA

### For some floats :

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

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

#### DAC name : kma – Number of floats : 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

2901810 - Existing NetCDF files

## 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 monoprofile, no tech.nc - )

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

#### DAC name : kiost – Number of floats : 120

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

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

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

2901805 - Existing NetCDF files  
File : 2901805\_meta.nc - 2901805\_prof.nc - 2901805\_tech.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 -

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 -

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 -

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 : 719

## 8.11. NMDIS

For some floats :

- 

See below the list of floats with existing nc files :

DAC name : nmdis – Number of floats : 19