



## **GDAC Float Anomalies Monitoring**

**November 2022**

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**Coriolis**



## NOTES

### NOVEMBER 2017

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

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

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

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

### DECEMBER 2017

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

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

### January 2018

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

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

The problem has been resolved rapidly.

### May 2018

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

### July 2018

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

### March 2019

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

### April 2019

Re-organization of the report

### June 2019

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

### September 2019

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

### October 2019

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

#### November 2019

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

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

#### February 2020

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

#### March 2020

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

#### April 2020

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

#### October 2020

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

#### November 2020

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

#### March 2021

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

#### December 2021

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

## Summary

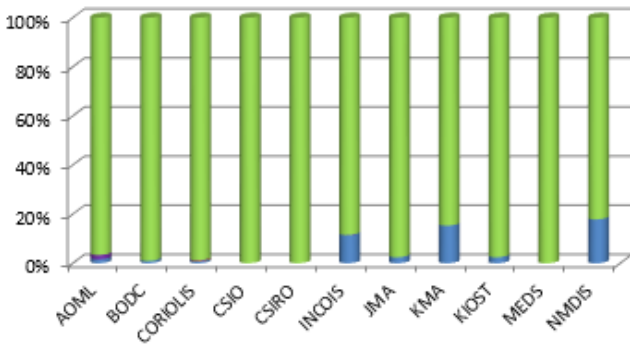
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## 1. Anomalies of Argo profiles – Suspected drift

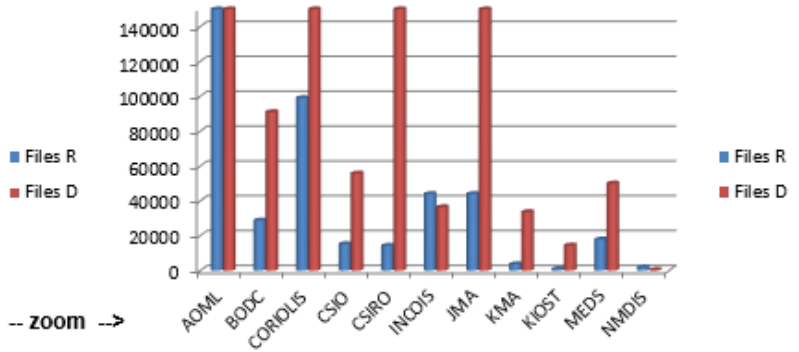
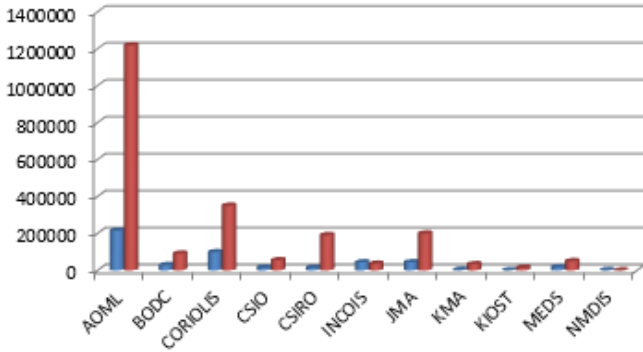
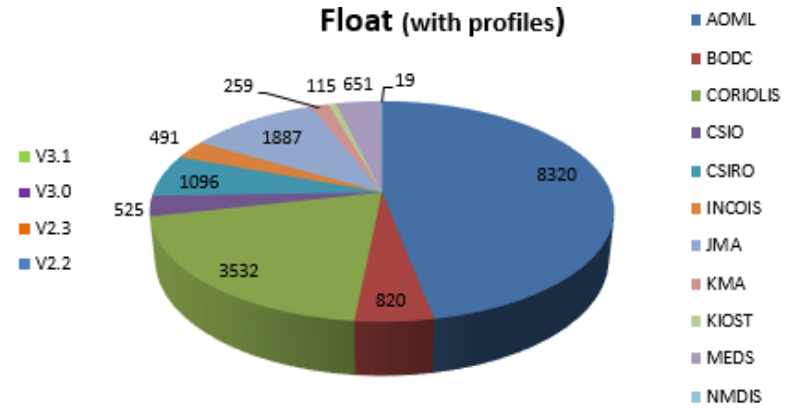
This table shows a list of floats showing a suspected drift/bias, observed in the last 2 months, last month for new. (feedback from Coriolis).

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_NO	Failure_Type for Coriolis DB (1- drift, 2-bias, 3-wrecked, 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 3/4, from cycle N, PI/DM response: N/A*
<b>NEW</b>													
AOML	1902034	DEAN ROEMMICH	2022/10/29	230	2022/11/19	233	3	Argo SIO	SBE41CP_V7.2.5	7986	3	bad profiles	
AOML	1902035	DEAN ROEMMICH	2022/11/26	222	2022/11/26	222	3	Argo SIO	SBE41CP_V7.2.5	8152	3	bad profiles	
AOML	5905789	DEAN ROEMMICH	2022/11/17	197	2022/11/27	198	3	Argo SIO	SBE41CP_V7.2.5	10841	1	Drift?	
AOML	5906772	SARAH PURKEY, DEAN ROEMMICH, NATHALIE ZILBERMAN, JOHN GILSON	2022/11/28	1			3	Argo SIO	SBE41CP_V7.2.5	14288	3	Start with offset?	
CORIOULIS	6902760	Christine COATANIOAN	2022/11/15	205			3	CORIOULIS	SBE41CP_V7.2.5	8660	1	Slight drift?	
CSIO	2902811	FENG ZHOU	2022/11/18	97			3	Argo CHINA	SBE41CP_V7.2.5	13088		Drift	
CSIO	2902824	FEI CHAI	2022/11/10	222			3	Argo CHINA	SBE41CP_V7.2.5	9801	1	Drift?	
JMA	2903675	JMA	2022/11/06	181	2022/11/11	132	3	Argo eq.JMA	SBE41CP_V7.2.5	12962	1	Slight drift	
KORDI	3902470	Sung-Dae kim	2022/10/13	1	2022/11/22	5	3	Argo KIODT	SBE41CP	16477	2	Bias from beginning?	
<b>PREVIOUS REPORTS</b> (in last 2 months)													
AOML	1901817	BRECK OWENS, STEVEN JAYNE, P.E. ROBBINS	2022/10/30	237			3	Argo WHOI	SBE41CP	7212	1	Slight drift	
AOML	3901221	BRECK OWENS, STEVEN JAYNE, P.E. ROBBINS	2022/08/27	260	2022/11/15	268	3	Argo WHOI	SBE41CP	6505	1	Drift, already with QC2 but started to drift from cycle 260	
AOML	3901284	GREGORY C. JOHNSON	2022/08/09	189	2022/11/21	212	3	Argo PMEL	SBE41CP	08546	1	Slight drift?	PSAL_3,189/N/A
AOML	3901286	GREGORY C. JOHNSON	2022/04/11	192	2022/09/08	207	3	Argo PMEL	SBE41CP	08658	1	Slight drift?	
AOML	3901250	GREGORY C. JOHNSON	2022/09/21	134	2022/11/09	139	3	Argo PMEL	SBE	5716	1	Slight drift?	
AOML	3901263	GREGORY C. JOHNSON	2022/08/22	124	2022/11/16	133	3	Argo PMEL	SBE	5646	1	Slight drift	
AOML	4901656	GREGORY C. JOHNSON	2022/10/12	293	2022/11/11	296	3	Argo PMEL	SBE41CP	5728	3	bad profiles from cycle 293	
AOML	4902079	GREGORY C. JOHNSON	2022/10/18	273	2022/11/27	277	3	Argo PMEL	SBE41CP	6289	1	Drift	
AOML	4902088	GREGORY C. JOHNSON	2022/05/01	248	2022/11/07	267	3 & 4	Argo PMEL	SBE41CP	7178	1	Drift and bad values	PSAL_3,248/N/A
AOML	4902937	GREGORY C. JOHNSON	2022/02/25	172	2022/11/22	199	3	Argo PMEL	SBE41CP	09041	1	Slight drift	
AOML	4902947	GREGORY C. JOHNSON	2022/10/10	190	2022/11/19	194	3	Argo PMEL	SBE41CP	09643	1	Drift, jump?	
AOML	4902999	GREGORY C. JOHNSON	2022/10/10	163	2022/11/19	167	3	Argo PMEL	SBE41CP_V7.2.5	09965	1	Slight drift	
AOML	4903278	IAN BOWEN, STEVEN JAYNE, HEATHER FUREY	2022/09/26	159	2022/10/25	159	3	Argo WHOI	SBE41CP	11216	1	Jump? ASD Drift?	
AOML	5902825	GREGORY C. JOHNSON	2022/08/05	962	2022/09/06	365	3	Argo PMEL	SBE41	5112	1	Slight drift?	
AOML	5904056	GREGORY C. JOHNSON	2022/09/07	811	2022/11/26	319	3	Argo PMEL	SBE41CP	5132	3	Strange profile, drift? Or bad profile?	
AOML	5904057	GREGORY C. JOHNSON	2022/09/02	811	2022/09/12	312	3	Argo PMEL	SBE41CP	5531	1	Slight drift?	
AOML	5904649	STEPHEN RISER	2022/10/01	211	2022/11/20	262	3	Argo UW	SBE41CP	6394	1	Slight drift at beginning, QC2 on PSAL but after large drift more than 7 psu	PSAL_3,211/N/A
AOML	5904771	STEPHEN RISER	2022/09/14	232	2022/11/13	238	3	Argo UW-SOCCOM eq.	SBE41CP	6398	1	Drift, QC2 on PSAL but should be QC3	
AOML	5904782	STEPHEN RISER	2022/09/06	220	2022/11/15	227	3	Argo UW	SBE41CP	7827	1	Large Drift or Jump? ASD	
AOML	5904816	STEPHEN RISER	2022/06/11	207	2022/11/28	224	3	Argo UW	SBE41CP	7782	1	Large drift or Jump? ASD	PSAL_3,207/N/A
AOML	5904825	STEPHEN RISER	2022/08/19	211	2022/09/08	213	3	Argo UW	SBE41CP	7934	1	Slight drift?	
AOML	5904867	GREGORY C. JOHNSON	2022/10/18	217	2022/11/27	221	3	Argo PMEL	SBE41CP_V7.2.5	08547	1	Slight drift	
AOML	5905154	STEPHEN RISER	2022/09/18	177	2022/11/27	184	3	Argo UW	SBE41CP	8359	1	Slight drift	
AOML	5905742	GREGORY C. JOHNSON	2022/09/19	154	2022/11/24	161	3	Argo PMEL	SBE41CP	10557	3	Drift? Small jump?	PSAL_3,154/N/A
AOML	5905967	STEPHEN RISER	2022/10/25	154	2022/11/24	157	3	Argo UW	SBE41CP	8045	1	Drift, jump?	
AOML	5906096	GREGORY C. JOHNSON	2022/07/24	118	2022/11/21	130	3	Argo PMEL	SBE41CP	11157	1	Slight drift	PSAL_3,118/N/A
BODC	1901865	Jon Turton	2022/08/21	224	2022/10/20	230	3	Argo UK	SBE41_V3	6637	1	Slight drift?	
BODC	1901873	Jon Turton	2022/07/12	219	2022/11/28	233	3	Argo UK	SBE41CP_V7.2.5	08117	1	Drift?	
BODC	1901925	Jon Turton	2022/08/20	55	2022/11/15	64	3	Argo UK	SBE41CP_V7.2.5	10909	1	Drift with large jump ASD	
BODC	3901951	Andy Rees	2022/05/27	171	2022/10/27	186	3	ARGO MOCCA	SBE41CP_V7.2.5	8554	1	Drift ASD	PSAL_3,171/N/A
BODC	6903752	Brian King	2022/09/03	64			3	Argo UK	RBR_ARGO3	203419	3	Strange water at deepest levels? Strange diagram T5 for deep waters	
BODC	6903753	Brian King	2022/10/19	1	2022/11/19	74	3	Argo UK	RBR_ARGO3	203420	1	Drift - Finally start at cycle 1 instead of cycle 12	
CORIOULIS	6902848	Franck Dumas	2022/10/08	291	2022/11/27	301	3	CORIOULIS	SBE41CP_V7.2.5	8975	1	Drift	
CORIOULIS	6903575	Elfiel Ann Mark	2022/10/08	12	2022/11/15	117	3 & 4	Argo NORWAY	SBE41CP	12717	1	Drift, profile A ok but drift on profile D	
INCOIS	2902183	RAVICHANDRAN	2022/09/06	257	2022/10/25	262	3	Indian Argo	SBE41CP	7250	1	Slight drift	
INCOIS	2902184	M Ravichandran	2021/11/10	222	2022/11/25	260	3	Indian Argo	SBE41CP	6674	1	Slight drift	
INCOIS	2902185	M Ravichandran	2020/11/29	190	2022/11/19	259	3	Indian Argo	SBE41CP	6670	1	Drift	
INCOIS	2902200	M Ravichandran	2022/05/24	228	2022/11/20	246	3	Indian Argo	SBE41	7649	1	Drift	
INCOIS	2902201	M Ravichandran	2020/08/23	164	2022/10/22	243	3	Indian Argo	SBE41	7642	1	Drift	
INCOIS	2902209	M Ravichandran	2019/09/10	92	2022/11/24	230	3 & 4	Indian Argo	SBE41CP	8353	1	eddy-rich region, cycle 109 (20190824) is 0.25 psu saltier than surrounding profiles	
INCOIS	2902211	M Ravichandran	2020/02/22	162	2022/11/18	262	3	Indian Argo	SBE41CP	8355	1	Drift, like the float 2902210 for some cycles, only the last measurement on PSAL is still with QC1 (it seems that before correction the last measurement was with QC4 and since this level is not corrected with minmax then comes back with QC1 after correction)	
INCOIS	2902222	M Ravichandran	2020/06/09	161	2022/11/21	214	3	Indian Argo	SBE41	6672	1	Drift	
INCOIS	2902265	RAVICHANDRAN	2022/08/28	134	2022/11/27	140	3	Argo INDIA	SBE41CP	11193	1	Slight drift	
INCOIS	2902267	M Ravichandran	2021/08/08	93	2022/11/21	140	3 & 4	Argo INDIA	SBE41CP	11206	1	Slight drift	
JMA	2903393	JAMSTEC	2022/07/13	151	2022/09/11	163	3	Argo eq. JAMSTEC	SBE41N	11079	1	Slight Drift	
JMA	2903627	JMA	2022/08/17	159	2022/09/26	167	3	Argo JMA	SBE41CP_V7.2.5	12032	1	Slight Drift	
JMA	2903712	JMA	2022/10/19	2	2022/11/18	8	3	Argo JMA	SBE41CP_V7.2.5	14260	1	Drift from beginning?	
JMA	5905841	JAMSTEC	2022/08/29	195	2022/09/18	137	3	Argo JAMSTEC	SBE41CP_V7.2.5	10487	1	Slight Drift	
KMA	2901792	KiRyong Kang -> Grey List?	2022/09/22	116	2022/11/26	160	3	Argo NIMS/KMA	SBE41CP	11994	2	Jump with bad data? Recorded in grey list but still in alert	
MEDS	4902403	Blair Greenan	2022/09/28	209	2022/11/17	210	3	Argo CANADA	SBE41CP	8988	1	Slight drift	
MEDS	4902443	Blair Greenan	2022/09/24	114	2022/10/24	135	3	Argo CANADA	SBE41CP	41CP-10472	1	Slight drift	
MEDS	4902444	Blair Greenan	2022/05/21	120	2022/11/21	138	3	Argo CANADA	SBE41CP	41CP-10473	1	Slight drift? Comparing to neighbour, seems drifted	
MEDS	4902462	Blair Greenan	2021/07/31	90	2022/11/23	138	3	Argo CANADA	SBE41CP	41-10630	1	Slight drift?	
MEDS	4902595	Blair Greenan	2022/10/21	19	2022/11/11	21	3	Argo CANADA	SBE41CP	41CP-13209	1	Beginning of drift?	
<b>Floats on grey list since last month (from feedback and check of greylist index)</b>													
AOML	5902516	DEAN ROEMMICH -> Grey List?	2022/10/23	222	2022/11/22	225	4	Argo SIO	SBE41CP_V7.2.5	8669	3	bad profiles	
AOML	5905793	DEAN ROEMMICH -> Grey List	2022/10/14	183	2022/11/03	135	3	Argo SIO	SBE41CP_V7.2.5	9892	1	Drift, jump?	
CORIOULIS	3901870	Peter Brandt -> Grey List	2022/08/04	210	2022/11/24	221	3	ARGO MOCCA	SBE41CP_V7.2.5	8123	1	Slight drift?	
CORIOULIS	3902004	Violeta SLABAKOVA -> Grey List	2022/06/06	46	2022/11/15	78	3	Argo BULGARIA	SBE41CP_V7.2.5	13821	1	Slight drift	
CORIOULIS	6901255	Pedro Velez -> Grey List	2022/10/02	129	2022/11/21	134	3	Argo SPAIN - IEO	SBE41CP	9920	1	Jump with ASD Drift?	
CORIOULIS	6901269	Pedro Velez -> Grey List	2022/10/05	158	2022/11/04	161	3	Argo SPAIN - IEO	SBE41CP_V7.2.5	9976	1	Drift, jump?	
CORIOULIS	6902845	Franck Dumas -> Grey List	2022/10/21	349	2022/11/05	352	3	CORIOULIS	SBE41CP_V7.2.5	8517	1	Drift, jump?	
CORIOULIS	6902923	Sophie CRAVATTE -> Grey List	2022/08/26	128	2022/11/26	137	3	CORIOULIS	SBE41CP_V7.2.5	10769	1	Slight drift?	
CORIOULIS	6904092	Birgit Klein -> Grey List	2022/09/28	24	2022/11/17	29	3	Argo ISH	SBE41CP	41-14399	3	Strange profile, comparing to others surrounding profiles seems outlier	
CSIRO	5905036	Susan Wijffels -> Grey List	2022/10/01	228	2022/11/17	238	3	Argo AUSTRALIA	SBE41CP_V7.2.5	7773	1	Slight drift?	
JMA	2903606	JAMSTEC -> Grey List	2022/08/26	140	2022/10/23	143	3	Argo eq. JAMSTEC	SBE41_V5.0.2	5670	1	Drift	
JMA	4902376	JAMSTEC -> Grey List	2022/08/23	187	2022/10/02	191	3	Argo JAMSTEC	SBE41CP_V2	7051	1	Slight drift	
JMA	4902380	JAMSTEC -> Grey List	2022/08/14	147	2022/10/23	154	3	Argo JAMSTEC	SBE41CP_V7.2.5	9466	1	Slight drift	
JMA	5905219	JAMSTEC -> Grey List	2022/09/28	164	2022/10/18	166	3	Argo JAMSTEC	SBE41CP_V7.2.5	8370	1	Drift	
JMA	7900868	JAMSTEC -> Grey List	20										

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

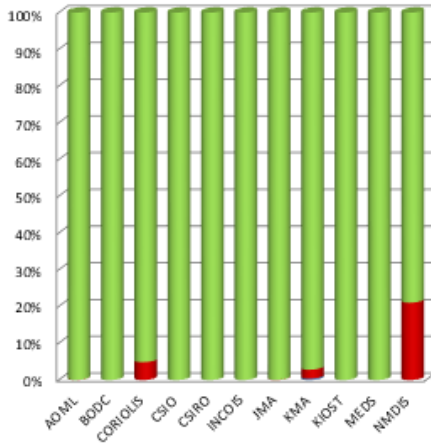


**Float (with profiles)**

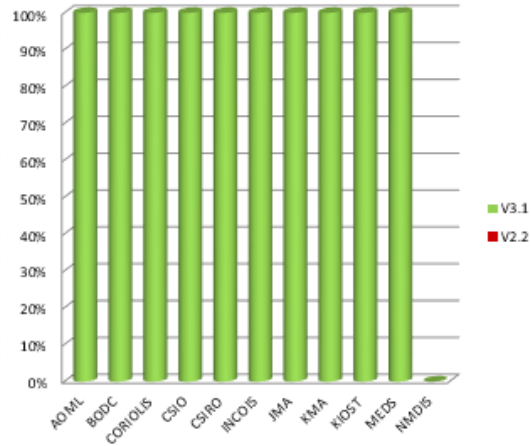


Plots showing format\_version percentage, for metadata-technical-trajectory and core profiles following dead or active floats.

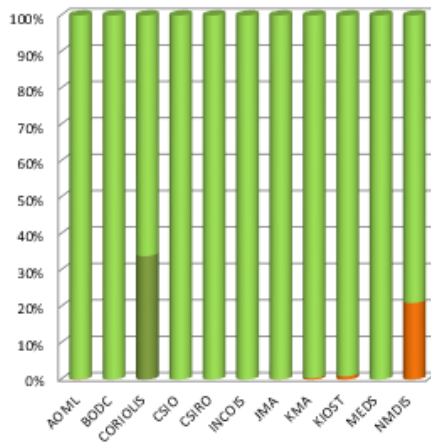
**Metadata Files - Dead floats**



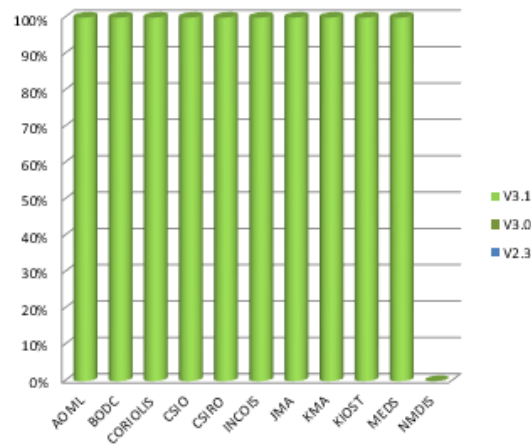
**Metadata Files - Active floats**



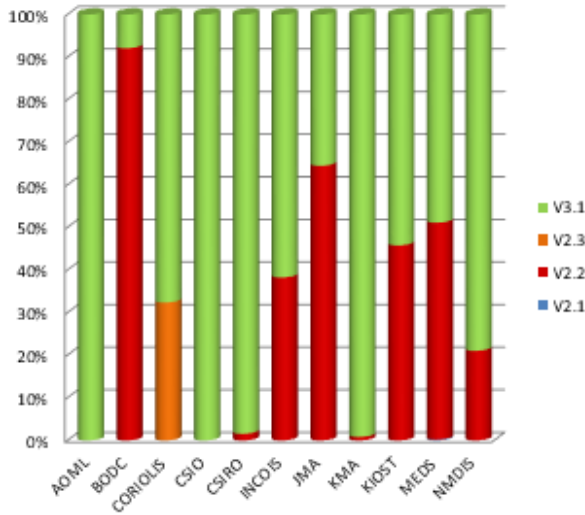
**Technical Files - Dead floats**



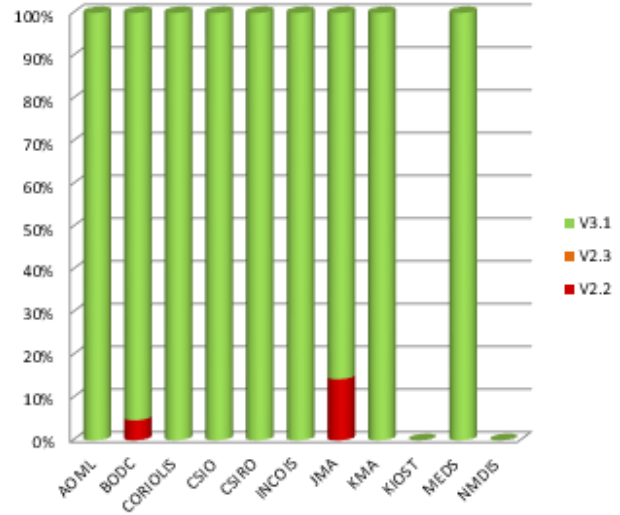
**Technical Files - Active floats**



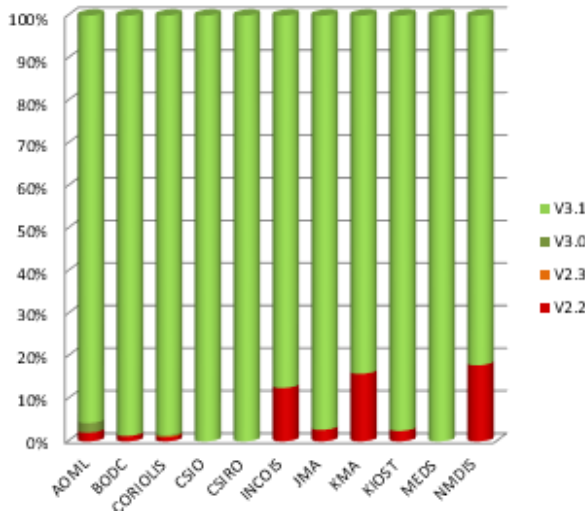
**Trajectory Files - Dead floats**



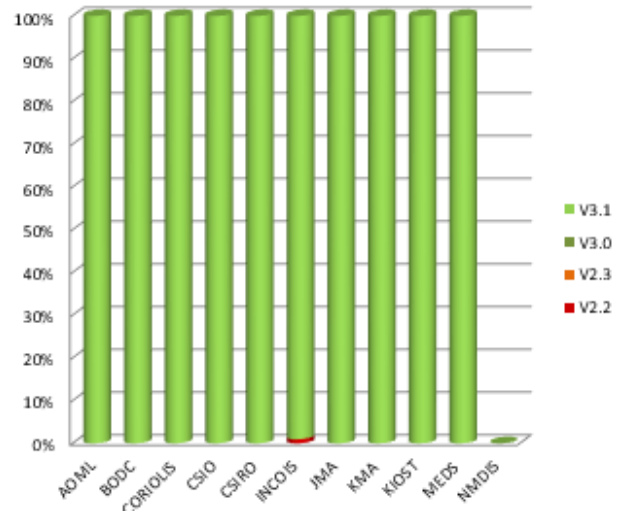
**Trajectory Files - Active floats**



**Profile files - Dead floats**

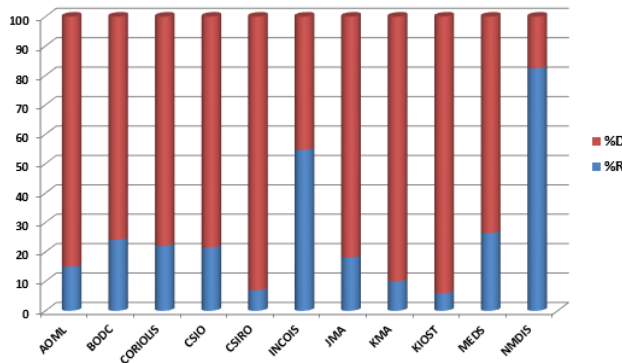


**Profile Files - Active floats**



**Delayed mode percentage by DAC**

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

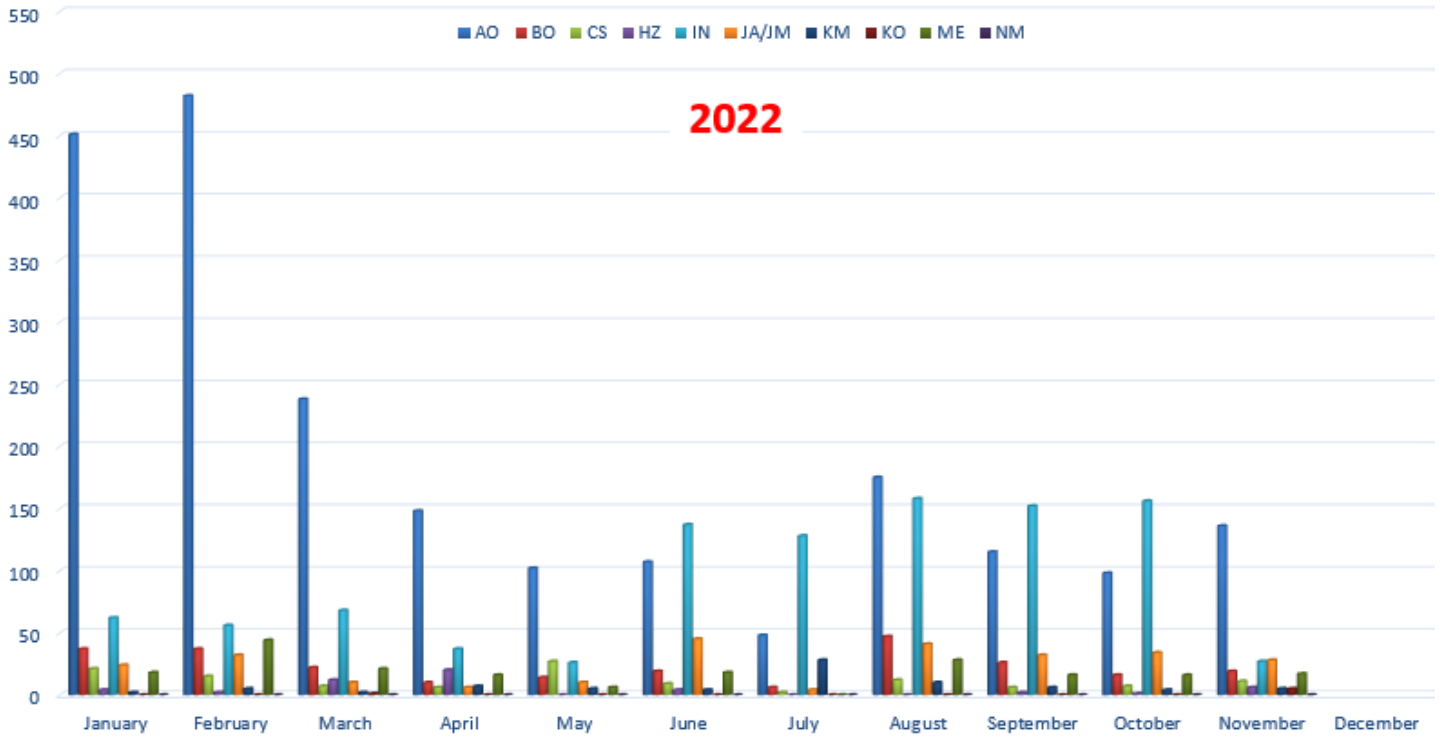


DACS	%R	%D
AOML	14,97	85,03
BODC	24,09	75,91
CORIOLIS	22,02	77,98
CSIO	21,53	78,47
CSIRO	6,98	93,02
INCOIS	54,70	45,30
JMA	18,05	81,95
KMA	9,99	90,01
KIOST	5,96	94,04
MEDS	26,41	73,59
NMDIS	82,44	17,56

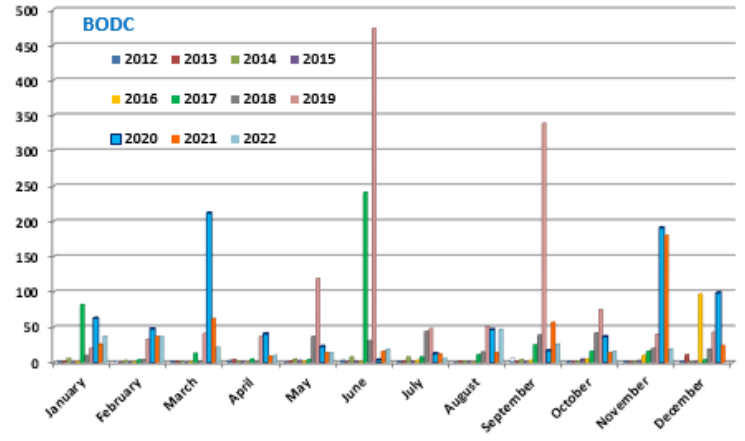
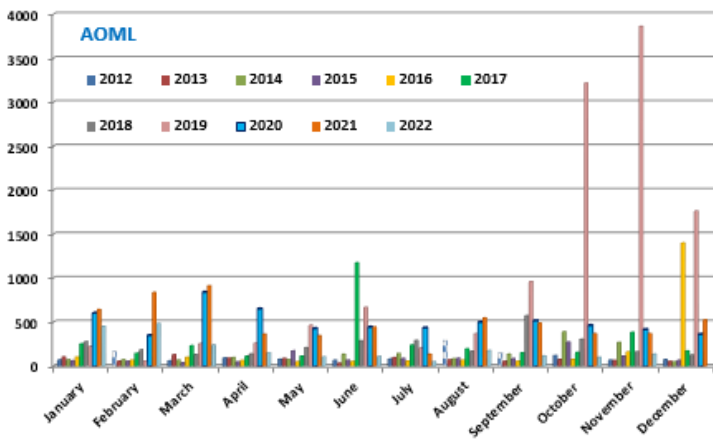
### 3. Statistics on Anomalies

Plots showing evolution of number of anomalies by DAC.

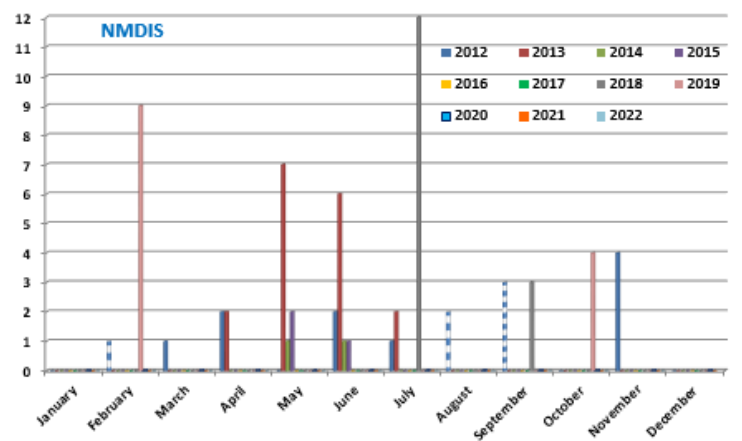
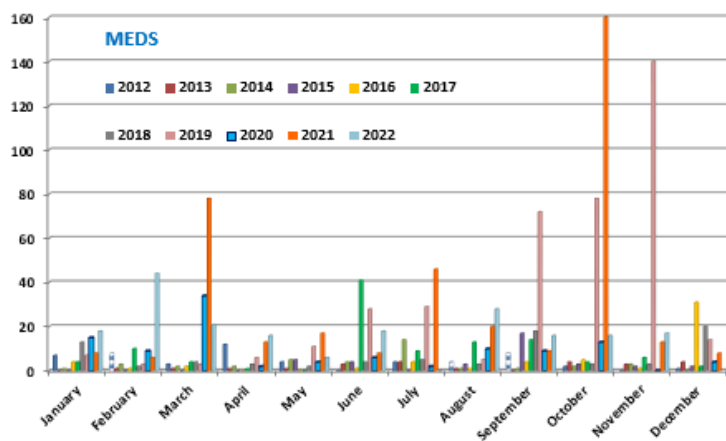
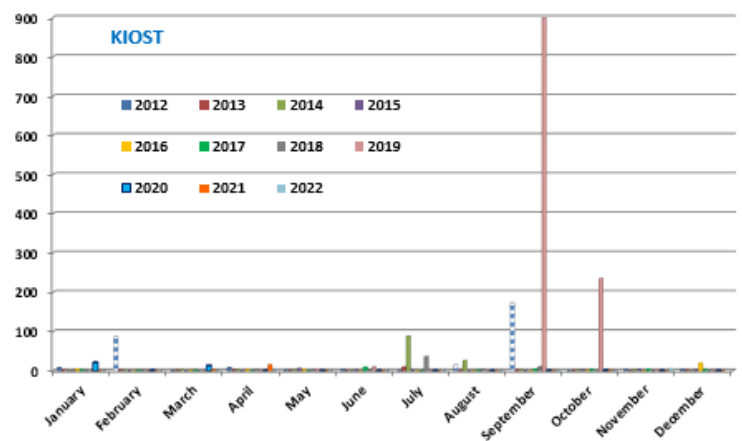
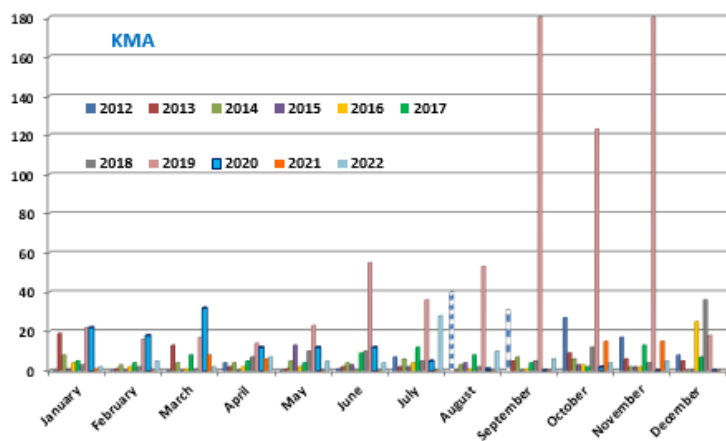
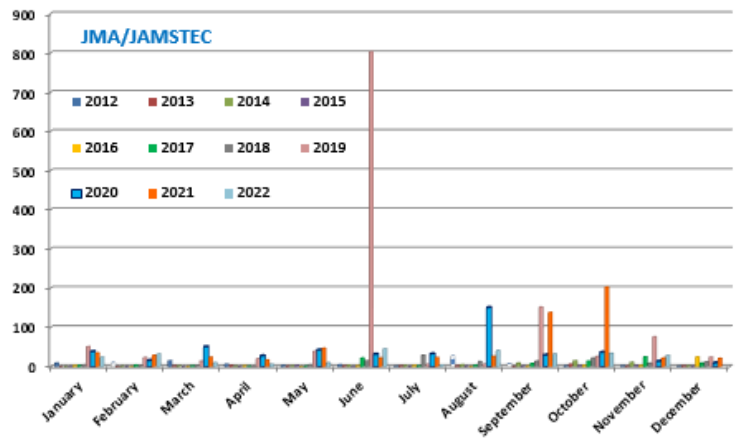
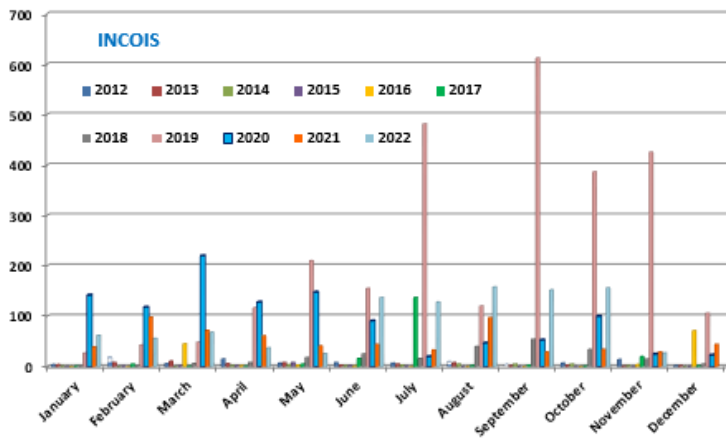
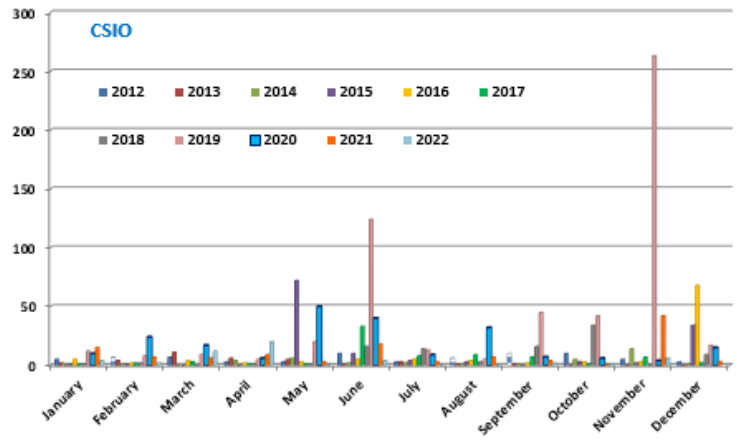
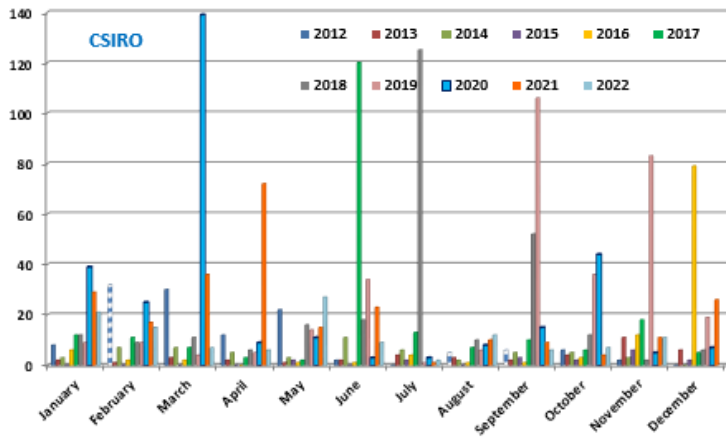
#### 3.1. Year



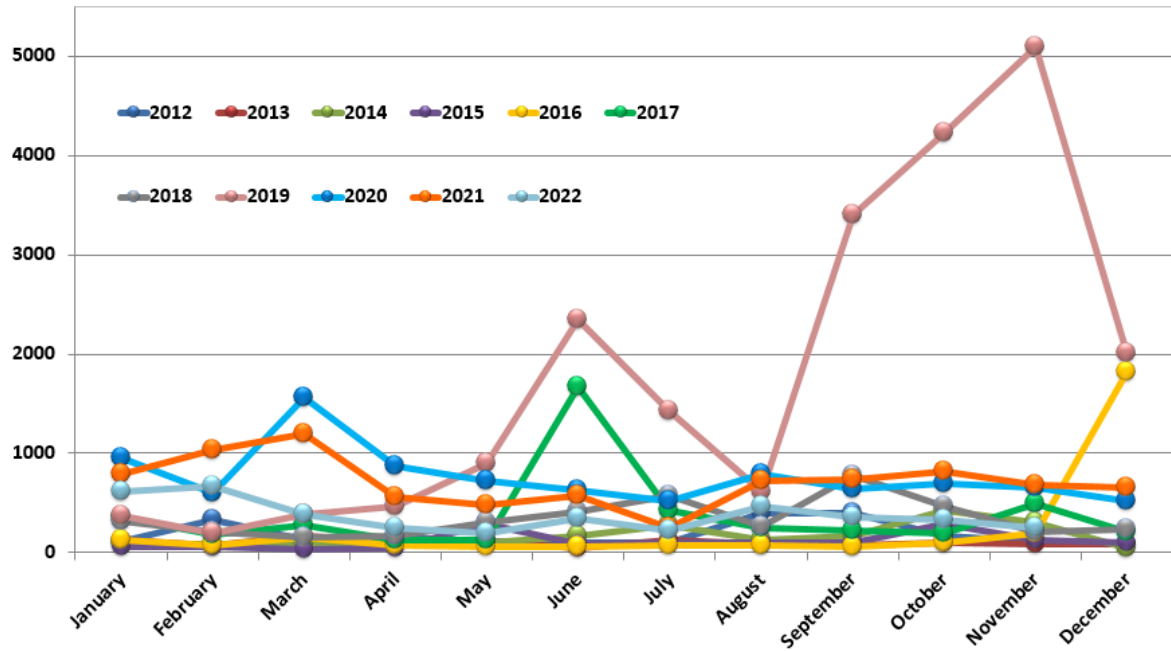
#### 3.2. DAC







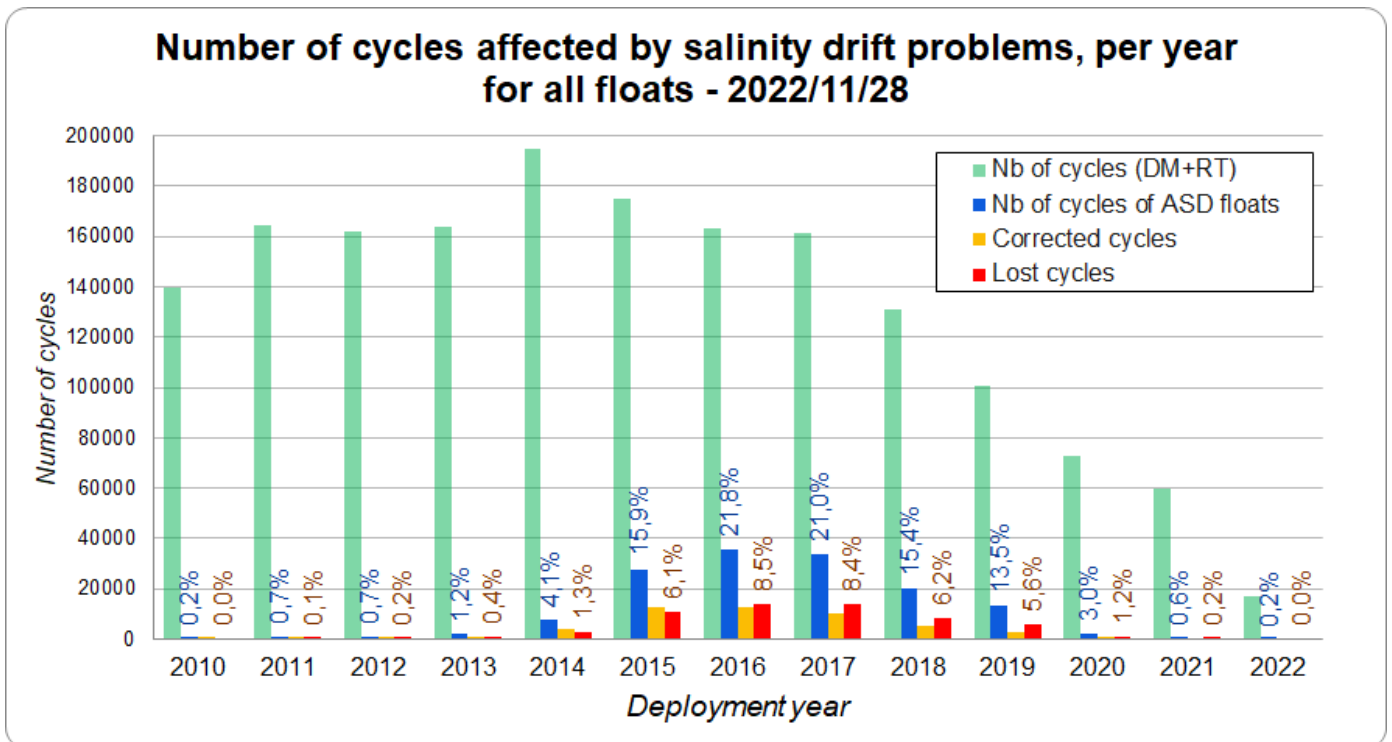
### 3.3. Anomalies by year, by month



### 4. Fast Salinity Drift from the spreadsheet “Salinity drift assessment and statistics” (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 :

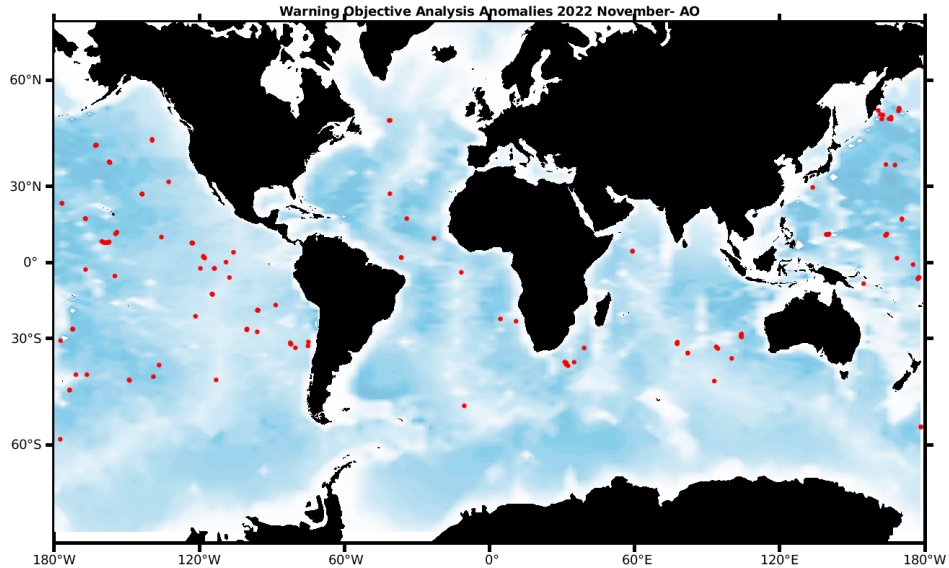
<https://docs.google.com/spreadsheets/d/1TA7SAnTiUvCK7AyGtSTUq3gu9QFbVdONj9M9zAq8CJU/edit#gid=1096144849>

## 5. DAC Anomalies

### 5.1. DAC AOML

Profiles detected by the objective analysis: 136 profiles (73 floats but floats can have several cycles with anomalies)

Data_mode ='R'	Data_mode ='A'	Data_mode ='D'
24 cycles	98 cycles	14 cycles



**Status of corrections: Done.**

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

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

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

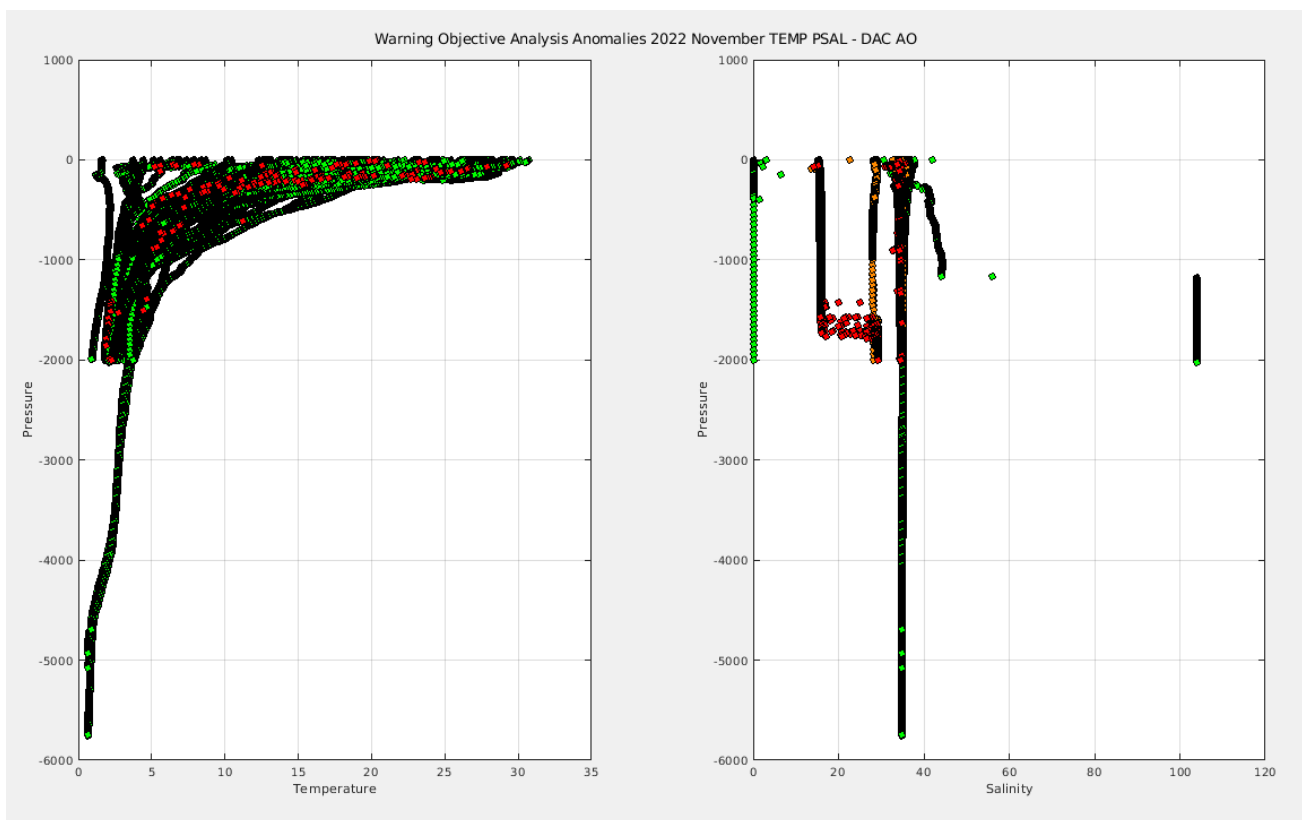
Float : 1901817 - Cycle : 237 - PI : BRECK OWENS, STEVEN JAYNE, P.E. ROBBINS - Data mode : A - Platform type : S2A - WMO inst type : 854 - FLOAT SERIAL : 7353 - Date : 2022 10 30  
Float : 1902028 - Cycle : 220 - PI : DEAN ROEMMICH - Data mode : A - Platform type : SOLO\_II - WMO inst type : 853 - FLOAT SERIAL : 8496 - Date : 2022 8 20  
Float : 1902030 - Cycle : 226 - PI : DEAN ROEMMICH - Data mode : A - Platform type : SOLO\_II - WMO inst type : 853 - FLOAT SERIAL : 8498 - Date : 2022 9 20  
Float : 1902035 - Cycle : 222 - PI : DEAN ROEMMICH - Data mode : R - Platform type : SOLO\_II - WMO inst type : 853 - FLOAT SERIAL : 8503 - Date : 2022 11 26  
Float : 1902071 - Cycle : 189 - PI : BRECK OWENS, STEVEN JAYNE, P.E. ROBBINS - Data mode : R - Platform type : S2A - WMO inst type : 854 - FLOAT SERIAL : 7435 - Date : 2022 11 22  
Float : 1902204 - Cycle : 171 - PI : BRECK OWENS, STEVEN JAYNE, P.E. ROBBINS - Data mode : R - Platform type : S2A - WMO inst type : 854 - FLOAT SERIAL : 7470 - Date : 2022 10 30  
Float : 1902266 - Cycle : 83 - PI : DEAN ROEMMICH, SARAH PURKEY, NATHALIE ZILBERMAN, JOHN GILSON - Data mode : R - Platform type : SOLO\_II - WMO inst type : 853 - FLOAT SERIAL : 8887 - Date : 2022 11 1  
Float : 1902318 - Cycle : 34 - PI : SUSAN WIJFFELS, STEVEN JAYNE, PELLE ROBBINS - Data mode : R - Platform type : S2A - WMO inst type : 854 - FLOAT SERIAL : 7689 - Date : 2022 11 14  
Float : 3901179 - Cycle : 309 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : NAVIS\_A - WMO inst type : 863 - FLOAT SERIAL : 0316 - Date : 2022 11 26  
Float : 3901189 - Cycle : 276 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : NAVIS\_A - WMO inst type : 863 - FLOAT SERIAL : 0424 - Date : 2022 11 4  
Float : 3901221 - Cycle : 265 - PI : BRECK OWENS, STEVEN JAYNE, P.E. ROBBINS - Data mode : A - Platform type : S2A - WMO inst type : 854 - FLOAT SERIAL : 7305 - Date : 2022 10 16  
Float : 3901221 - Cycle : 266 - PI : BRECK OWENS, STEVEN JAYNE, P.E. ROBBINS - Data mode : R - Platform type : S2A - WMO inst type : 854 - FLOAT SERIAL : 7305 - Date : 2022 10 26  
Float : 3901221 - Cycle : 267 - PI : BRECK OWENS, STEVEN JAYNE, P.E. ROBBINS - Data mode : A - Platform type : S2A - WMO inst type : 854 - FLOAT SERIAL : 7305 - Date : 2022 11 5  
Float : 3901221 - Cycle : 268 - PI : BRECK OWENS, STEVEN JAYNE, P.E. ROBBINS - Data mode : A - Platform type : S2A - WMO inst type : 854 - FLOAT SERIAL : 7305 - Date : 2022 11 15  
Float : 3901256 - Cycle : 210 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : NAVIS\_A - WMO inst type : 863 - FLOAT SERIAL : 0683 - Date : 2022 11 2  
Float : 3901284 - Cycle : 210 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : NAVIS\_A - WMO inst type : 863 - FLOAT SERIAL : 0713 - Date : 2022 11 1  
Float : 3901284 - Cycle : 211 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : NAVIS\_A - WMO inst type : 863 - FLOAT SERIAL : 0713 - Date : 2022 11 11  
Float : 3901284 - Cycle : 212 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : NAVIS\_A - WMO inst type : 863 - FLOAT SERIAL : 0713 - Date : 2022 11 21  
Float : 3901810 - Cycle : 222 - PI : BRECK OWENS, STEVEN JAYNE, P.E. ROBBINS - Data mode : A - Platform type : S2A - WMO inst type : 854 - FLOAT SERIAL : 7413 - Date : 2022 11 14  
Float : 3902138 - Cycle : 175 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : NAVIS\_A - WMO inst type : 863 - FLOAT SERIAL : 7445 - Date : 2022 11 28  
Float : 3902150 - Cycle : 136 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : SOLO\_D\_MRV - WMO inst type : 874 - FLOAT SERIAL : 12015 - Date : 2022 10 11  
Float : 3902150 - Cycle : 137 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : SOLO\_D\_MRV - WMO inst type : 874 - FLOAT SERIAL : 12015 - Date : 2022 10 21  
Float : 3902150 - Cycle : 138 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : SOLO\_D\_MRV - WMO inst type : 874 - FLOAT SERIAL : 12015 - Date : 2022 10 31  
Float : 3902150 - Cycle : 139 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : SOLO\_D\_MRV - WMO inst type : 874 - FLOAT SERIAL : 12015 - Date : 2022 11 9  
Float : 3902163 - Cycle : 130 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : SOLO\_D\_MRV - WMO inst type : 874 - FLOAT SERIAL : 12028 - Date : 2022 10 18  
Float : 3902163 - Cycle : 131 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : SOLO\_D\_MRV - WMO inst type : 874 - FLOAT SERIAL : 12028 - Date : 2022 10 28  
Float : 3902163 - Cycle : 132 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : SOLO\_D\_MRV - WMO inst type : 874 - FLOAT SERIAL : 12028 - Date : 2022 11 7  
Float : 3902163 - Cycle : 133 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : SOLO\_D\_MRV - WMO inst type : 874 - FLOAT SERIAL : 12028 - Date : 2022 11 16  
Float : 4901648 - Cycle : 303 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : NAVIS\_A - WMO inst type : 863 - FLOAT SERIAL : 0327 - Date : 2022 11 21  
Float : 4901656 - Cycle : 295 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : NAVIS\_A - WMO inst type : 863 - FLOAT SERIAL : 0335 - Date : 2022 11 1



Float : 5906056 - Cycle : 108 - PI : STEPHEN RISER - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 8331 - Date : 2022 11 27  
 Float : 5906096 - Cycle : 128 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : NAVIS\_A - WMO inst type : 863 - FLOAT SERIAL : 1010 - Date : 2022 11 1  
 Float : 5906096 - Cycle : 129 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : NAVIS\_A - WMO inst type : 863 - FLOAT SERIAL : 1010 - Date : 2022 11 11  
 Float : 5906096 - Cycle : 130 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : NAVIS\_A - WMO inst type : 863 - FLOAT SERIAL : 1010 - Date : 2022 11 21  
 Float : 5906100 - Cycle : 129 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : NAVIS\_A - WMO inst type : 863 - FLOAT SERIAL : 1014 - Date : 2022 11 13  
 Float : 5906160 - Cycle : 67 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : NAVIS\_A - WMO inst type : 863 - FLOAT SERIAL : 1046 - Date : 2022 11 20  
 Float : 5906286 - Cycle : 82 - PI : STEPHEN RISER - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 8864 - Date : 2022 11 21  
 Float : 5906666 - Cycle : 57 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : NAVIS\_A - WMO inst type : 863 - FLOAT SERIAL : 1289 - Date : 2022 11 22  
 Float : 5906714 - Cycle : 41 - PI : SARAH PURKEY, DEAN ROEMMICH, NATHALIE ZILBERMAN, JOHN GILSON - Data mode : R - Platform type : SOLO\_II - WMO inst type : 853 - FLOAT SERIAL : 8954 - Date : 2022 11 1  
 Float : 5906736 - Cycle : 40 - PI : SARAH PURKEY, DEAN ROEMMICH, NATHALIE ZILBERMAN, JOHN GILSON - Data mode : R - Platform type : SOLO\_II - WMO inst type : 853 - FLOAT SERIAL : 8976 - Date : 2022 11 7  
 Float : 5906769 - Cycle : 0 - PI : SARAH PURKEY, DEAN ROEMMICH, NATHALIE ZILBERMAN, JOHN GILSON - Data mode : R - Platform type : SOLO\_II - WMO inst type : 853 - FLOAT SERIAL : 3105 - Date : 2022 11 20  
 Float : 5906770 - Cycle : 0 - PI : PHIL SUTTON - Data mode : R - Platform type : SOLO\_II - WMO inst type : 853 - FLOAT SERIAL : 3121 - Date : 2022 11 21  
 Float : 5906827 - Cycle : 6 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : NAVIS\_A - WMO inst type : 863 - FLOAT SERIAL : 1409 - Date : 2022 11 21

**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]**

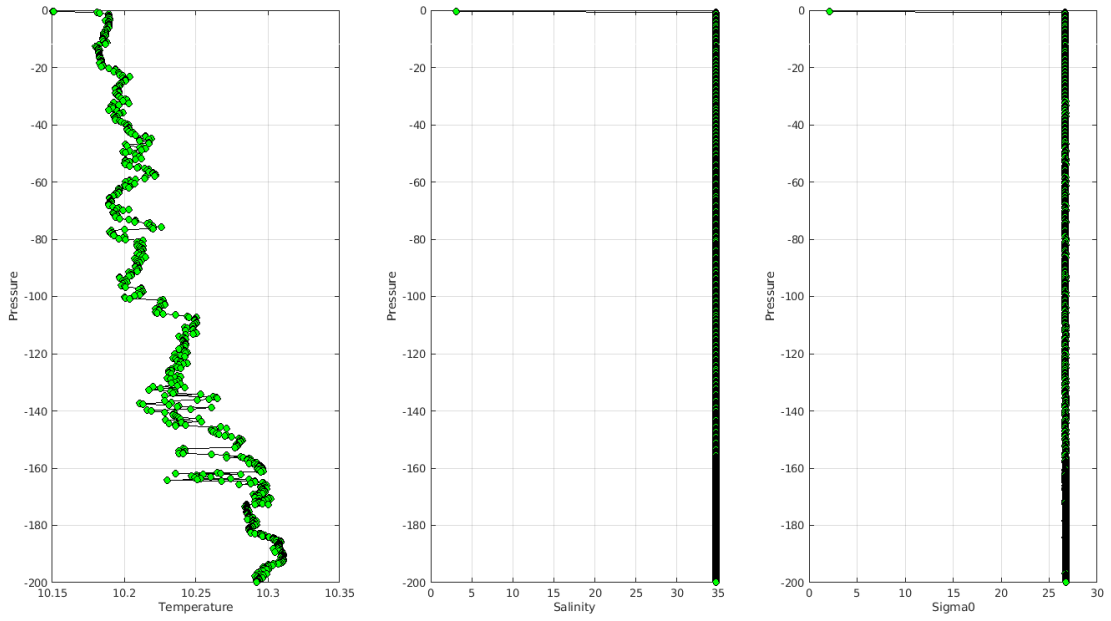
Float : 1902030 - Cycle : 198 - PI : DEAN ROEMMICH - Data mode : D - Platform type : SOLO\_II - WMO inst type : 853 - FLOAT SERIAL : 8498 - Date : 2022 2 26  
 Float : 1902034 - Cycle : 230 - PI : DEAN ROEMMICH - Data mode : D - Platform type : SOLO\_II - WMO inst type : 853 - FLOAT SERIAL : 8502 - Date : 2022 10 29  
 Float : 1902034 - Cycle : 231 - PI : DEAN ROEMMICH - Data mode : D - Platform type : SOLO\_II - WMO inst type : 853 - FLOAT SERIAL : 8502 - Date : 2022 11 8  
 Float : 5901411 - Cycle : 380 - PI : GREGORY C. JOHNSON - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 3017 - Date : 2018 1 21  
 Float : 5901411 - Cycle : 381 - PI : GREGORY C. JOHNSON - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 3017 - Date : 2018 2 1  
 Float : 5901411 - Cycle : 382 - PI : GREGORY C. JOHNSON - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 3017 - Date : 2018 2 11  
 Float : 5901411 - Cycle : 383 - PI : GREGORY C. JOHNSON - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 3017 - Date : 2018 2 22  
 Float : 5901411 - Cycle : 384 - PI : GREGORY C. JOHNSON - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 3017 - Date : 2018 3 5  
 Float : 5901411 - Cycle : 385 - PI : GREGORY C. JOHNSON - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 3017 - Date : 2018 3 15  
 Float : 5901411 - Cycle : 386 - PI : GREGORY C. JOHNSON - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 3017 - Date : 2018 3 26  
 Float : 5905251 - Cycle : 97 - PI : DEAN ROEMMICH - Data mode : D - Platform type : SOLO\_II - WMO inst type : 853 - FLOAT SERIAL : 8577 - Date : 2020 5 13  
 Float : 5905252 - Cycle : 97 - PI : DEAN ROEMMICH - Data mode : D - Platform type : SOLO\_II - WMO inst type : 853 - FLOAT SERIAL : 8578 - Date : 2020 5 21  
 Float : 5905252 - Cycle : 99 - PI : DEAN ROEMMICH - Data mode : D - Platform type : SOLO\_II - WMO inst type : 853 - FLOAT SERIAL : 8578 - Date : 2020 6 10  
 Float : 5905970 - Cycle : 108 - PI : STEPHEN RISER - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7936 - Date : 2021 7 26



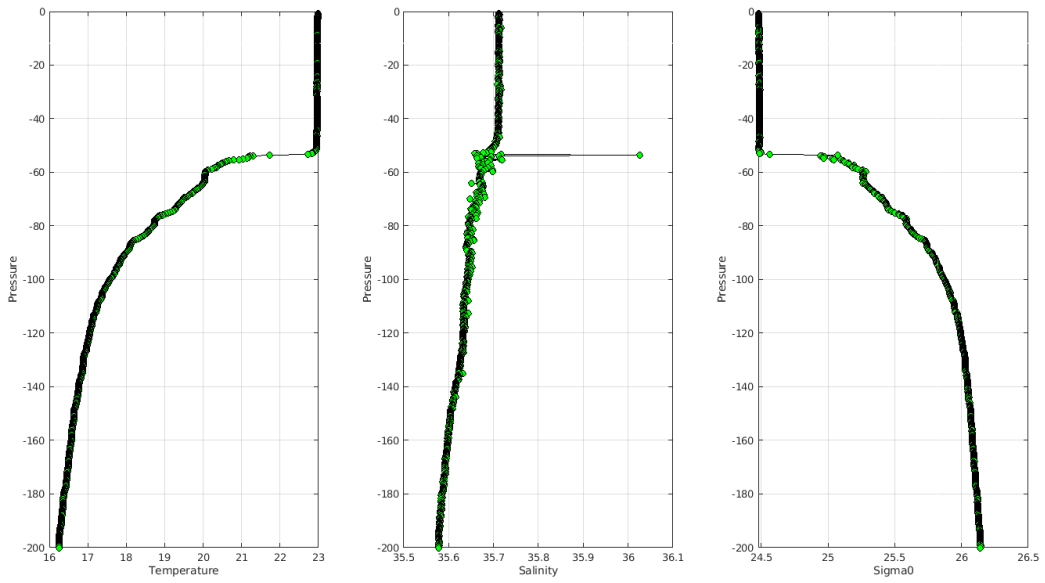
The list of the anomalies can be found at <https://data-argo.ifremer.fr/etc/ObjectiveAnalysisWarning/aoml/>

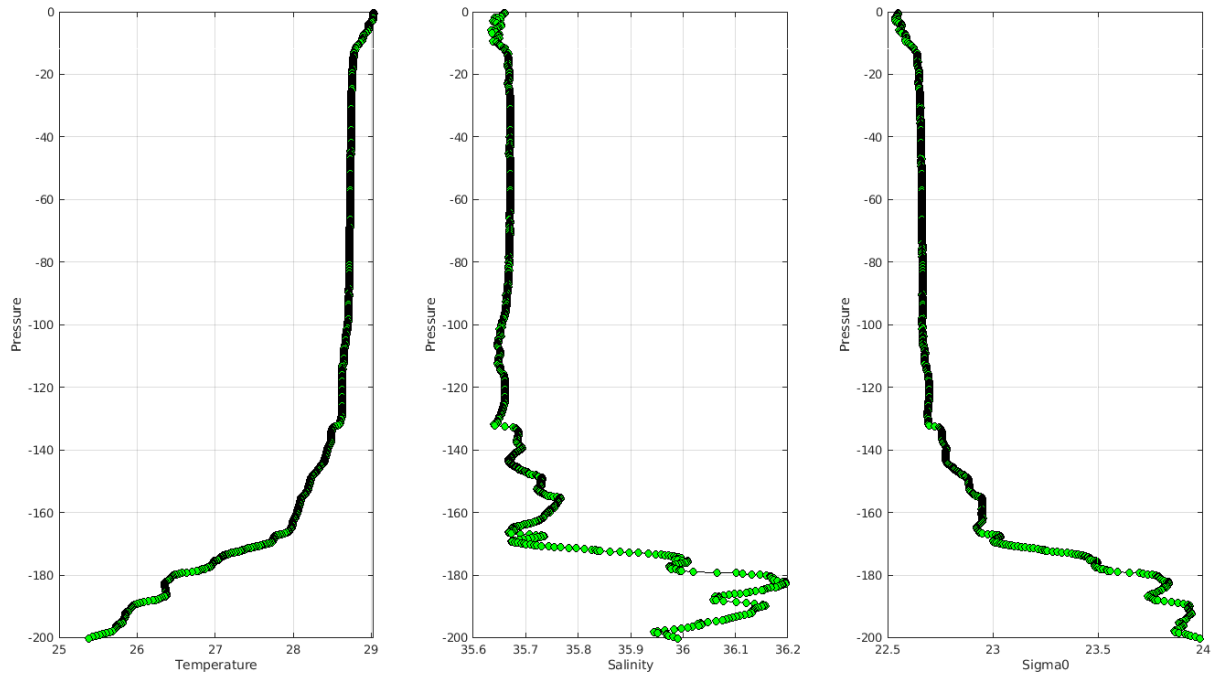
Example of anomalies:

Warning Objective Analysis Anomalies 2022 November TEMP PSAL : DAC AO- Float 1902028 - 220



Warning Objective Analysis Anomalies 2022 November TEMP PSAL : DAC AO- Float 1902030 - 198





**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, .....

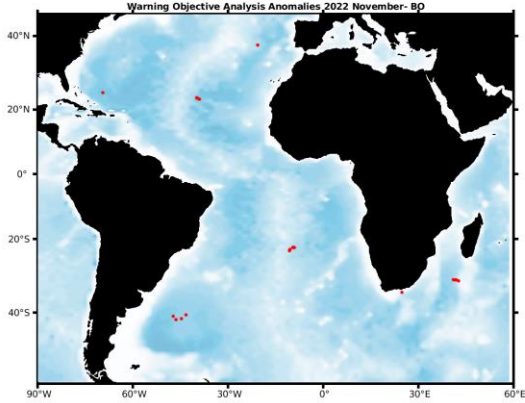
PI\_name = CARL SZCZECOWSKI - Float 6900376 cycle 44 to cycle 92 – cycle 98 to 128 – cycle 131 to 135

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: 19 profiles (7 floats but floats can have several cycles with anomalies)

Data_mode ='R'	Data_mode ='A'	Data_mode ='D'
5 cycles	14 cycles	0 cycle

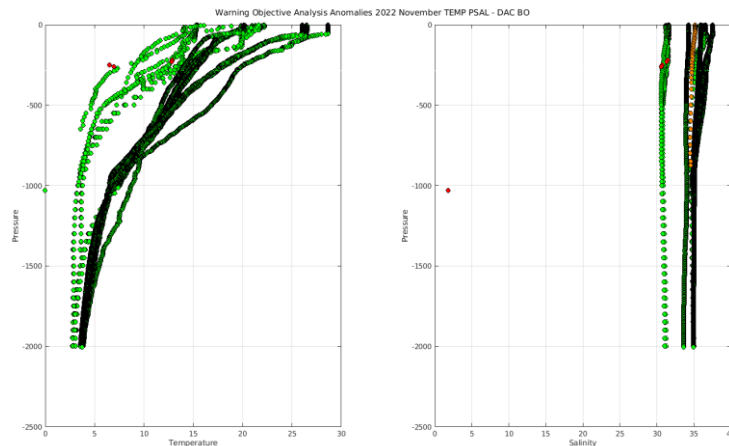


**Status of corrections:** Correction in progress, regular feedback.

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

- Float : 1901865 - Cycle : 224 - PI : Jon Turton - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7214 - Date : 2022 8 21
- Float : 1901865 - Cycle : 225 - PI : Jon Turton - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7214 - Date : 2022 8 31
- Float : 1901865 - Cycle : 226 - PI : Jon Turton - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7214 - Date : 2022 9 10
- Float : 1901865 - Cycle : 229 - PI : Jon Turton - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7214 - Date : 2022 10 10
- Float : 1901865 - Cycle : 230 - PI : Jon Turton - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7214 - Date : 2022 10 20
- Float : 1901873 - Cycle : 230 - PI : Jon Turton - Data mode : A - Platform type : NAVIS\_EBR - WMO inst type : 869 - FLOAT SERIAL : 0662 - Date : 2022 10 29
- Float : 1901873 - Cycle : 231 - PI : Jon Turton - Data mode : A - Platform type : NAVIS\_EBR - WMO inst type : 869 - FLOAT SERIAL : 0662 - Date : 2022 11 8
- Float : 1901873 - Cycle : 232 - PI : Jon Turton - Data mode : A - Platform type : NAVIS\_EBR - WMO inst type : 869 - FLOAT SERIAL : 0662 - Date : 2022 11 18
- Float : 1901873 - Cycle : 233 - PI : Jon Turton - Data mode : A - Platform type : NAVIS\_EBR - WMO inst type : 869 - FLOAT SERIAL : 0662 - Date : 2022 11 28
- Float : 1901912 - Cycle : 129 - PI : Jon Turton - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 3904 - Date : 2022 11 14
- Float : 1901925 - Cycle : 62 - PI : Jon Turton - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 8575 - Date : 2022 10 27
- Float : 1901925 - Cycle : 63 - PI : Jon Turton - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 8575 - Date : 2022 11 6
- Float : 1901925 - Cycle : 64 - PI : Jon Turton - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 8575 - Date : 2022 11 15
- Float : 1901925 - Cycle : 65 - PI : Jon Turton - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 8575 - Date : 2022 11 25
- Float : 3901951 - Cycle : 186 - PI : Andy Rees - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : AI2600-16FR094 - Date : 2022 10 27
- Float : 6903727 - Cycle : 104 - PI : Brian King - Data mode : A - Platform type : APEX - WMO inst type : 877 - FLOAT SERIAL : 7625 - Date : 2022 11 3
- Float : 6903753 - Cycle : 72 - PI : Brian King - Data mode : A - Platform type : APEX - WMO inst type : 877 - FLOAT SERIAL : 9137 - Date : 2022 11 1
- Float : 6903753 - Cycle : 73 - PI : Brian King - Data mode : A - Platform type : APEX - WMO inst type : 877 - FLOAT SERIAL : 9137 - Date : 2022 11 10
- Float : 6903753 - Cycle : 74 - PI : Brian King - Data mode : A - Platform type : APEX - WMO inst type : 877 - FLOAT SERIAL : 9137 - Date : 2022 11 19

Files data\_mode='D'

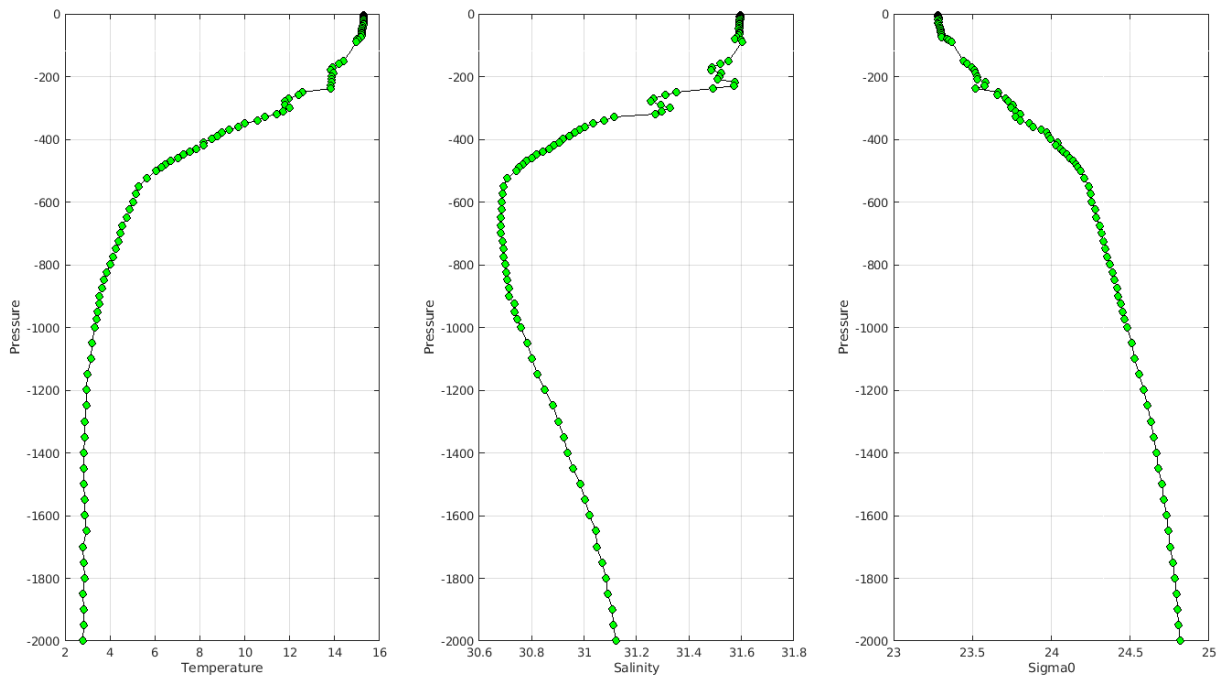




The list of the anomalies can be found at <https://data-argo.ifremer.fr/etc/ObjectiveAnalysisWarning/bodc/>

Example of anomalies:

Warning Objective Analysis Anomalies 2022 November TEMP PSAL : DAC BO- Float 1901925 - 62



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

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

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

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

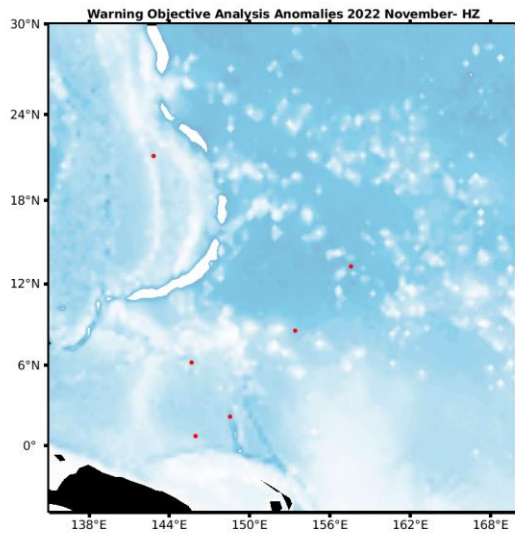
<a href="#">D6901181_350.nc</a>	17-May-2019 16:39 242K	<a href="#">R6901181_011.nc</a>	03-Jun-2022 13:37 150K
<a href="#">D6901181_351.nc</a>	17-May-2019 16:39 240K	<a href="#">R6901181_011D.nc</a>	03-Jun-2022 13:37 146K
<a href="#">D6901181_352.nc</a>	17-May-2019 16:39 243K	<a href="#">R6901181_012.nc</a>	03-Jun-2022 13:37 144K
<a href="#">D6901181_353.nc</a>	17-May-2019 16:39 255K	<a href="#">R6901181_012D.nc</a>	03-Jun-2022 13:38 181K
<a href="#">D6901181_354.nc</a>	17-May-2019 16:39 256K	<a href="#">R6901181_013D.nc</a>	03-Jun-2022 13:38 168K
<a href="#">D6901181_355.nc</a>	17-May-2019 16:39 278K	<a href="#">R6901181_014.nc</a>	03-Jun-2022 13:38 124K
<a href="#">D6901181_356.nc</a>	17-May-2019 16:39 238K	<a href="#">R6901181_014D.nc</a>	03-Jun-2022 13:38 200K
<a href="#">D6901181_357.nc</a>	17-May-2019 16:39 237K	<a href="#">R6901181_015D.nc</a>	03-Jun-2022 13:38 165K
<a href="#">D6901181_358.nc</a>	17-May-2019 16:39 244K	<a href="#">R6901181_016.nc</a>	03-Jun-2022 13:38 118K
<a href="#">D6901181_359.nc</a>	17-May-2019 16:39 303K	<a href="#">R6901181_016D.nc</a>	03-Jun-2022 13:38 251K
<a href="#">D6901181_360.nc</a>	17-May-2019 16:39 260K	<a href="#">R6901181_017D.nc</a>	03-Jun-2022 13:38 117K
<a href="#">D6901181_361.nc</a>	17-May-2019 16:39 252K	<a href="#">R6901181_018.nc</a>	03-Jun-2022 13:38 145K
<a href="#">D6901181_362.nc</a>	17-May-2019 16:39 250K	<a href="#">R6901181_018D.nc</a>	03-Jun-2022 13:38 242K
<a href="#">D6901181_363.nc</a>	17-May-2019 16:39 259K	<a href="#">R6901181_019D.nc</a>	03-Jun-2022 13:38 118K
<a href="#">D6901181_364.nc</a>	17-May-2019 16:39 230K	<a href="#">R6901181_020.nc</a>	03-Jun-2022 13:38 129K
<a href="#">D6901181_365.nc</a>	17-May-2019 16:39 257K	<a href="#">R6901181_020D.nc</a>	03-Jun-2022 13:38 240K
<a href="#">D6901181_366.nc</a>	17-May-2019 16:39 230K	<a href="#">R6901181_021D.nc</a>	03-Jun-2022 13:38 163K
<a href="#">D6901181_367.nc</a>	17-May-2019 16:39 240K	<a href="#">R6901181_022.nc</a>	03-Jun-2022 13:38 105K
<a href="#">R6901181_001D.nc</a>	03-Jun-2022 13:36 47K	<a href="#">R6901181_022D.nc</a>	03-Jun-2022 13:38 243K
<a href="#">R6901181_002D.nc</a>	03-Jun-2022 13:36 153K	<a href="#">R6901181_023D.nc</a>	03-Jun-2022 13:38 164K
<a href="#">R6901181_003.nc</a>	03-Jun-2022 13:37 144K	<a href="#">R6901181_024.nc</a>	03-Jun-2022 13:38 146K
<a href="#">R6901181_003D.nc</a>	03-Jun-2022 13:37 117K	<a href="#">R6901181_024D.nc</a>	03-Jun-2022 13:38 201K
<a href="#">R6901181_004.nc</a>	03-Jun-2022 13:37 139K	<a href="#">R6901181_025.nc</a>	03-Jun-2022 13:38 144K
<a href="#">R6901181_004D.nc</a>	03-Jun-2022 13:37 159K	<a href="#">R6901181_025D.nc</a>	03-Jun-2022 13:38 117K
<a href="#">R6901181_005D.nc</a>	03-Jun-2022 13:37 157K	<a href="#">R6901181_026D.nc</a>	03-Jun-2022 13:38 117K
<a href="#">R6901181_006D.nc</a>	03-Jun-2022 13:37 429K	<a href="#">R6901181_027D.nc</a>	03-Jun-2022 13:39 241K
<a href="#">R6901181_007D.nc</a>	03-Jun-2022 13:37 304K	<a href="#">R6901181_028D.nc</a>	03-Jun-2022 13:39 266K
<a href="#">R6901181_008.nc</a>	03-Jun-2022 13:37 136K	<a href="#">R6901181_029D.nc</a>	03-Jun-2022 13:39 132K
<a href="#">R6901181_008D.nc</a>	03-Jun-2022 13:37 198K	<a href="#">R6901181_030.nc</a>	03-Jun-2022 13:39 94K
<a href="#">R6901181_009D.nc</a>	03-Jun-2022 13:37 153K	<a href="#">R6901181_030D.nc</a>	03-Jun-2022 13:39 300K
<a href="#">R6901181_010.nc</a>	03-Jun-2022 13:37 128K		
<a href="#">R6901181_010D.nc</a>	03-Jun-2022 13:37 521K		

.....

5.3. DAC CSIO

Profiles detected by the objective analysis: 6 profiles (5 floats but floats can have several cycles with anomalies)

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

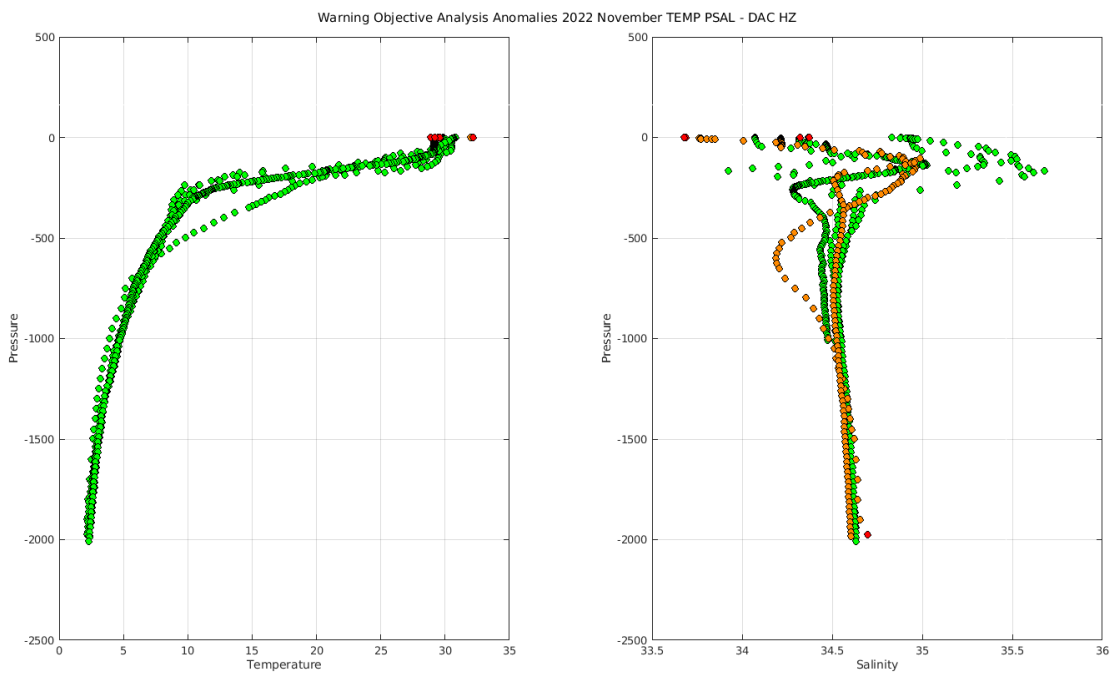


**Status of corrections:** No regular feedback, corrections seem done. Feedback for DM profiles.

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

- Float : 2902683 - Cycle : 222 - PI : JIANPING XU - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7723 - Date : 2022 10 20
- Float : 2902803 - Cycle : 94 - PI : FENG ZHOU - Data mode : A - Platform type : PROVOR - WMO inst type : 841 - FLOAT SERIAL : P32800-20CH021 - Date : 2022 11 7
- Float : 2902807 - Cycle : 99 - PI : FENG ZHOU - Data mode : A - Platform type : PROVOR - WMO inst type : 841 - FLOAT SERIAL : P32800-20CH004 - Date : 2022 11 25
- Float : 2902811 - Cycle : 97 - PI : FENG ZHOU - Data mode : A - Platform type : PROVOR - WMO inst type : 841 - FLOAT SERIAL : P32800-20CH008 - Date : 2022 11 18
- Float : 2902819 - Cycle : 96 - PI : FENG ZHOU - Data mode : A - Platform type : PROVOR - WMO inst type : 841 - FLOAT SERIAL : P32800-20CH028 - Date : 2022 11 4
- Float : 2902824 - Cycle : 222 - PI : FEI CHAI - Data mode : R - Platform type : PROVOR - WMO inst type : 841 - FLOAT SERIAL : P41305-17CH003 - Date : 2022 11 10

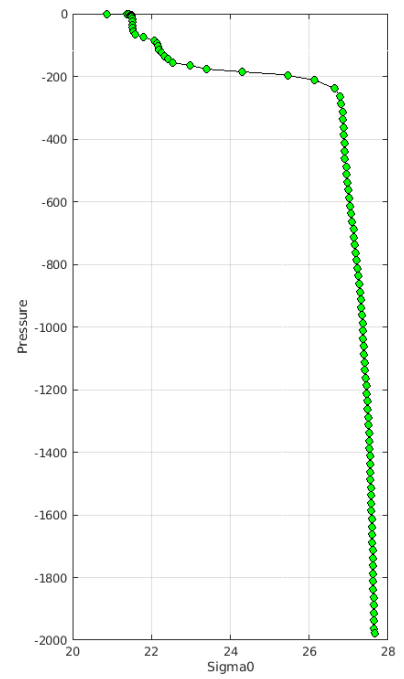
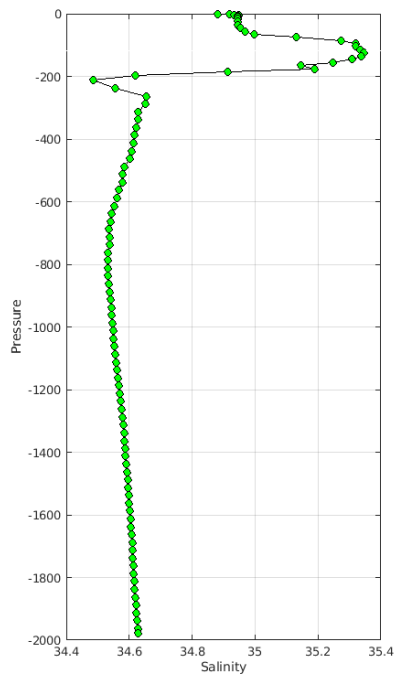
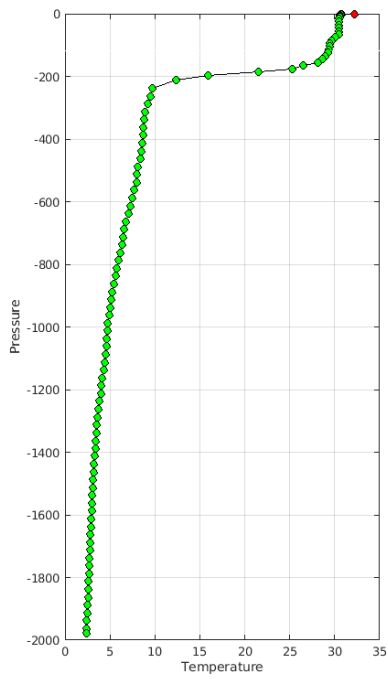
Files data\_mode='D'



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

Example of anomalies:

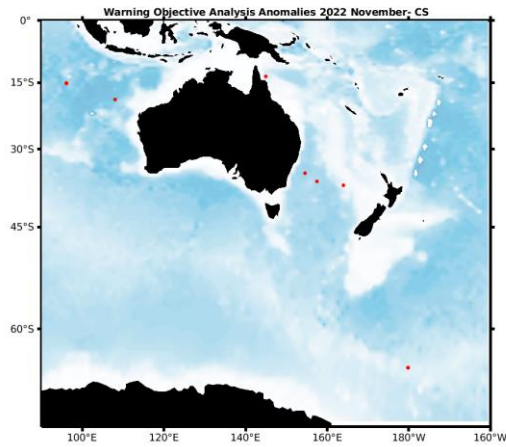
Warning Objective Analysis Anomalies 2022 November TEMP PSAL : DAC HZ- Float 2902807 - 99



5.4. DAC CSIRO

Profiles detected by the objective analysis: 11 profiles (8 floats but floats can have several cycles with anomalies)

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

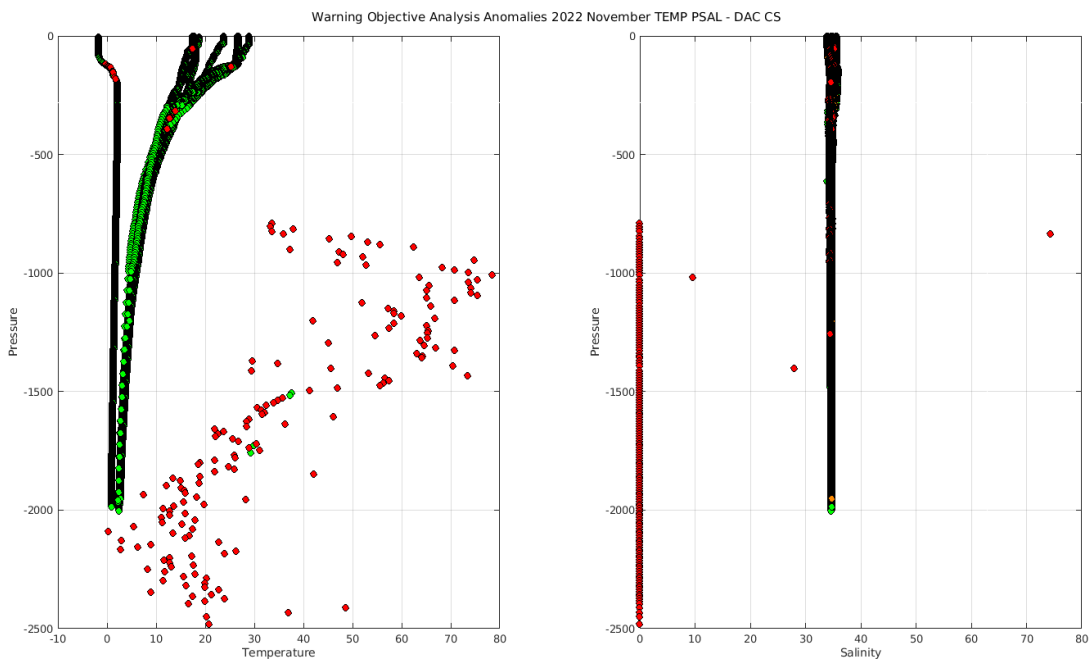


**Status of corrections:** Corrections done or in progress, regular feedback.

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

- Float : 5905012 - Cycle : 258 - PI : Susan Wijffels - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7039 - Date : 2022 11 20
- Float : 5905507 - Cycle : 24 - PI : Peter Oke - Data mode : A - Platform type : NAVIS\_EBR - WMO inst type : 869 - FLOAT SERIAL : 1332 - Date : 2022 11 8
- Float : 5905513 - Cycle : 15 - PI : Peter Oke - Data mode : A - Platform type : NAVIS\_EBR - WMO inst type : 869 - FLOAT SERIAL : 1330 - Date : 2022 10 26
- Float : 5905519 - Cycle : 37 - PI : Tom Trull - Data mode : A - Platform type : PROVOR\_III - WMO inst type : 836 - FLOAT SERIAL : P44043-22AU003 - Date : 2022 11 5
- Float : 5905523 - Cycle : 2 - PI : Peter Oke - Data mode : A - Platform type : ALTO - WMO inst type : 875 - FLOAT SERIAL : 11153 - Date : 2022 10 29
- Float : 5905523 - Cycle : 4 - PI : Peter Oke - Data mode : A - Platform type : ALTO - WMO inst type : 875 - FLOAT SERIAL : 11153 - Date : 2022 10 31
- Float : 5905523 - Cycle : 5 - PI : Peter Oke - Data mode : A - Platform type : ALTO - WMO inst type : 875 - FLOAT SERIAL : 11153 - Date : 2022 11 1
- Float : 5905523 - Cycle : 6 - PI : Peter Oke - Data mode : A - Platform type : ALTO - WMO inst type : 875 - FLOAT SERIAL : 11153 - Date : 2022 11 2
- Float : 5906635 - Cycle : 21 - PI : Tom Trull - Data mode : A - Platform type : PROVOR\_III - WMO inst type : 836 - FLOAT SERIAL : P43208-20AU001 - Date : 2021 6 30
- Float : 7900649 - Cycle : 100 - PI : Steve Rintoul - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 8434 - Date : 2022 9 27
- Float : 7900923 - Cycle : 40 - PI : Steve Rintoul - Data mode : A - Platform type : SOLO\_D\_MRV - WMO inst type : 874 - FLOAT SERIAL : 12050 - Date : 2021 12 25

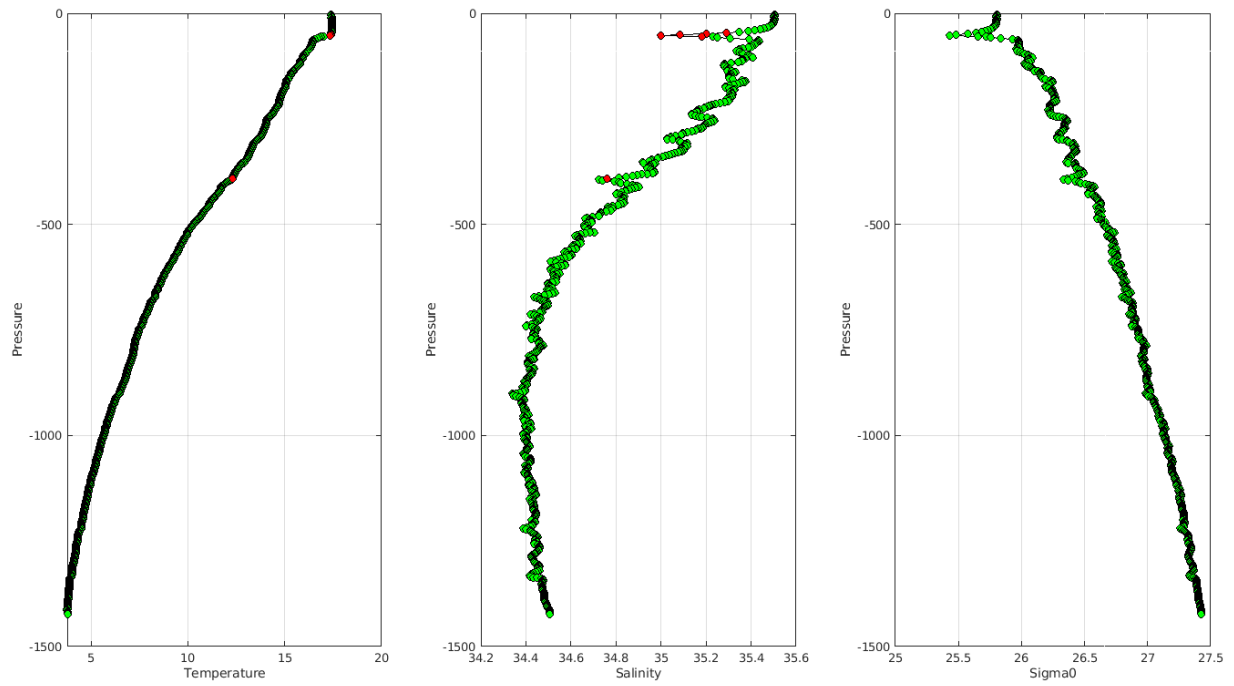
**Files data\_mode='D'**



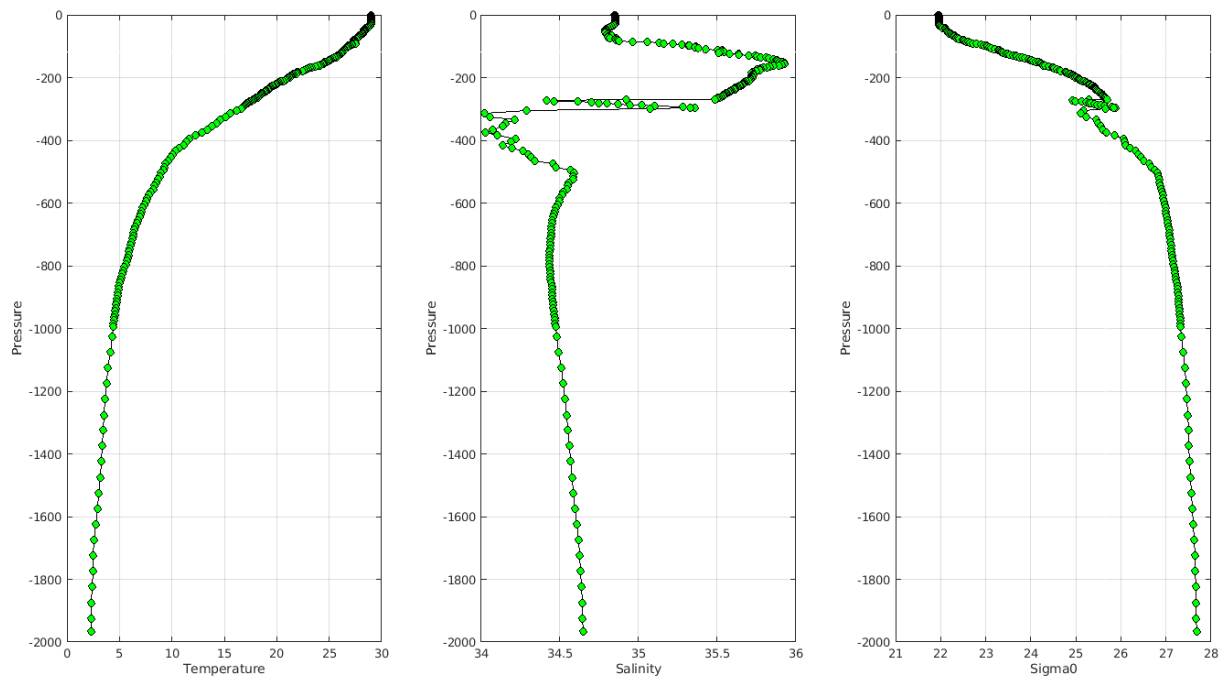
The list of the anomalies can be found at <https://data-argo.ifremer.fr/etc/ObjectiveAnalysisWarning/csiro/>

Example of anomalies:

Warning Objective Analysis Anomalies 2022 November TEMP PSAL : DAC CS- Float 5905507 - 24



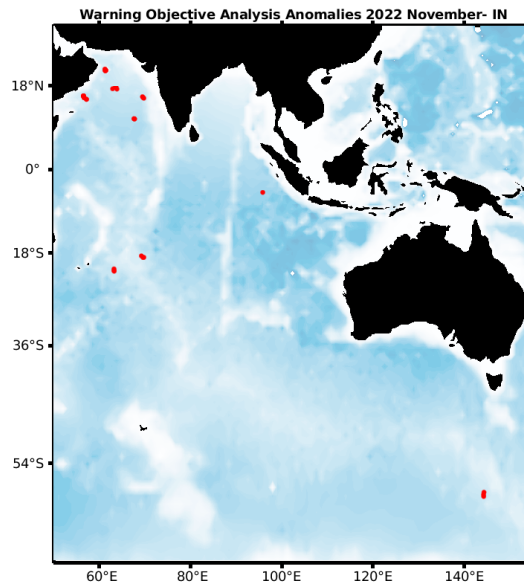
Warning Objective Analysis Anomalies 2022 November TEMP PSAL : DAC CS- Float 5905519 - 37



## 5.5. DAC INCOIS

Profiles detected by the objective analysis: 27 profiles (9 floats but floats can have several cycles with anomalies)

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

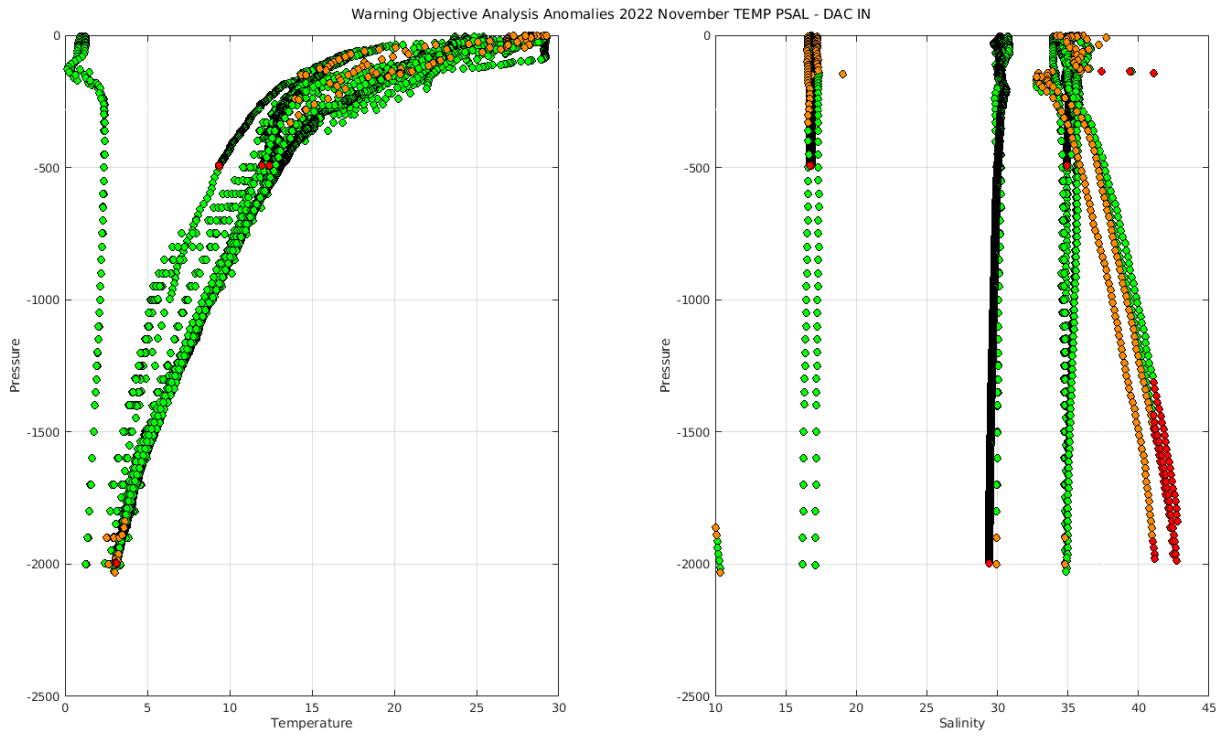


**Status of corrections:** Corrections done or in progress, some feedbacks. A re-decoding for a certain type of floats handled at Coriolis may explain the large number of anomalies.

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

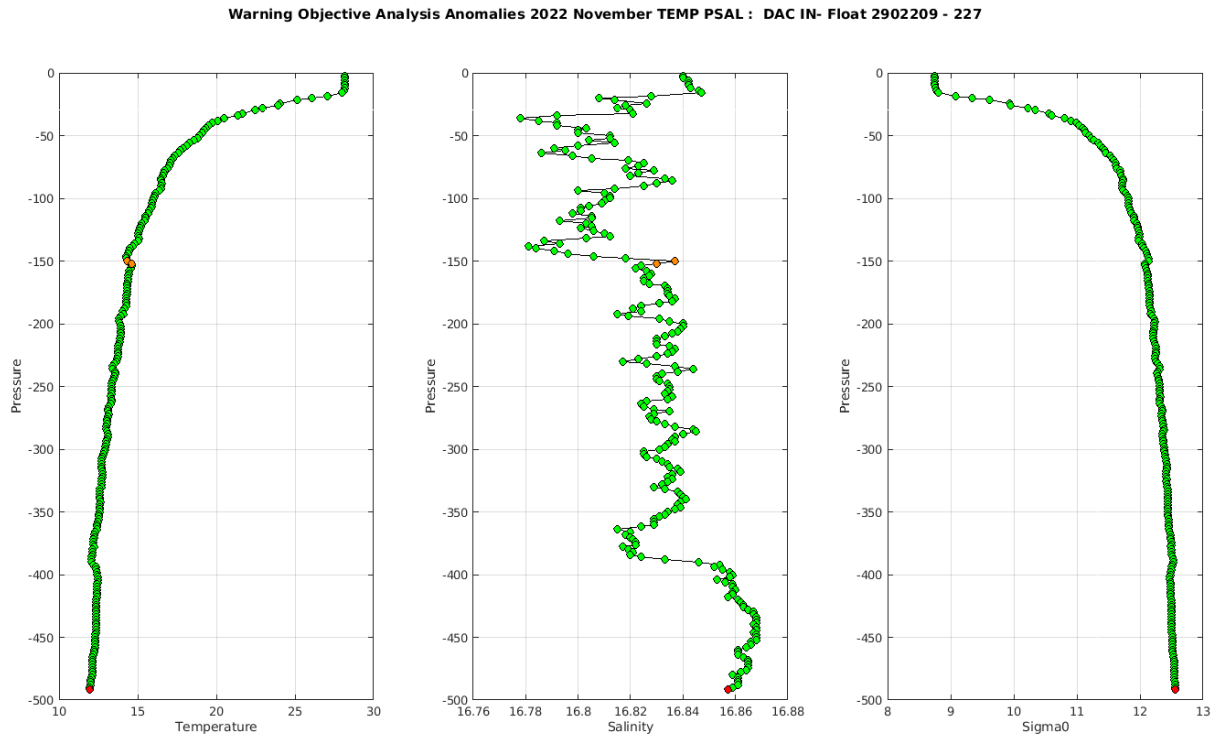
Float : 2902183 - Cycle : 262 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7522 - Date : 2022 10 25  
 Float : 2902184 - Cycle : 258 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7534 - Date : 2022 11 5  
 Float : 2902184 - Cycle : 259 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7534 - Date : 2022 11 15  
 Float : 2902184 - Cycle : 260 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7534 - Date : 2022 11 25  
 Float : 2902185 - Cycle : 257 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7530 - Date : 2022 10 30  
 Float : 2902185 - Cycle : 258 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7530 - Date : 2022 11 9  
 Float : 2902185 - Cycle : 259 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7530 - Date : 2022 11 19  
 Float : 2902200 - Cycle : 244 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7543 - Date : 2022 10 31  
 Float : 2902200 - Cycle : 245 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7543 - Date : 2022 11 11  
 Float : 2902200 - Cycle : 246 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7543 - Date : 2022 11 20  
 Float : 2902209 - Cycle : 227 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7826 - Date : 2022 10 25  
 Float : 2902209 - Cycle : 228 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7826 - Date : 2022 11 4  
 Float : 2902209 - Cycle : 229 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7826 - Date : 2022 11 14  
 Float : 2902209 - Cycle : 230 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7826 - Date : 2022 11 24  
 Float : 2902211 - Cycle : 260 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7827 - Date : 2022 10 29  
 Float : 2902211 - Cycle : 261 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7827 - Date : 2022 11 8  
 Float : 2902211 - Cycle : 262 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7827 - Date : 2022 11 18  
 Float : 2902222 - Cycle : 212 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7532 - Date : 2022 11 1  
 Float : 2902222 - Cycle : 213 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7532 - Date : 2022 11 11  
 Float : 2902222 - Cycle : 214 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7532 - Date : 2022 11 21  
 Float : 2902265 - Cycle : 137 - PI : M Ravichandran - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 18001 - Date : 2022 10 28  
 Float : 2902265 - Cycle : 138 - PI : M Ravichandran - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 18001 - Date : 2022 11 7  
 Float : 2902265 - Cycle : 139 - PI : M Ravichandran - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 18001 - Date : 2022 11 17  
 Float : 2902267 - Cycle : 136 - PI : M Ravichandran - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 18003 - Date : 2022 10 12  
 Float : 2902267 - Cycle : 138 - PI : M Ravichandran - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 18003 - Date : 2022 11 1  
 Float : 2902267 - Cycle : 139 - PI : M Ravichandran - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 18003 - Date : 2022 11 11  
 Float : 2902267 - Cycle : 140 - PI : M Ravichandran - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 18003 - Date : 2022 11 21

### Files data\_mode='D'

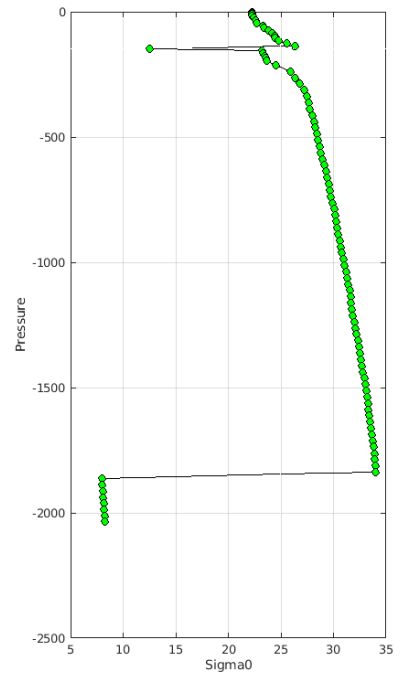
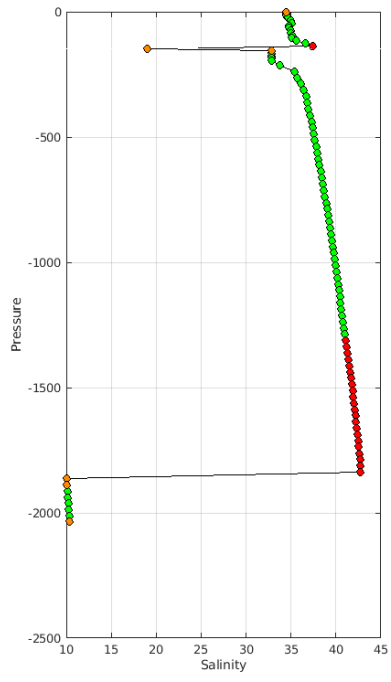
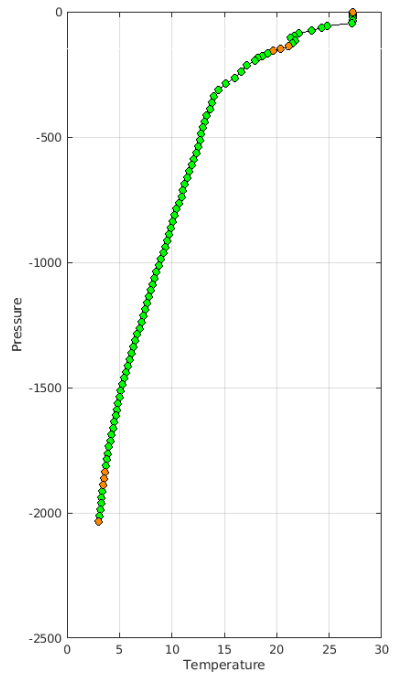


The list of the anomalies can be found at <https://data-argo.ifremer.fr/etc/ObjectiveAnalysisWarning/incois/>

Example of anomalies:





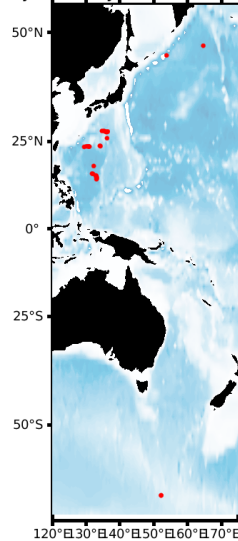


## 5.6. DAC JMA/JAMSTEC

Profiles detected by the objective analysis: 28 profiles (9 floats but floats can have several cycles with anomalies)

Data_mode ='R'	Data_mode ='A'	Data_mode ='D'
8 cycles	19 cycles	1 cycle

Warning Objective Analysis Anomalies 2022 November- JA

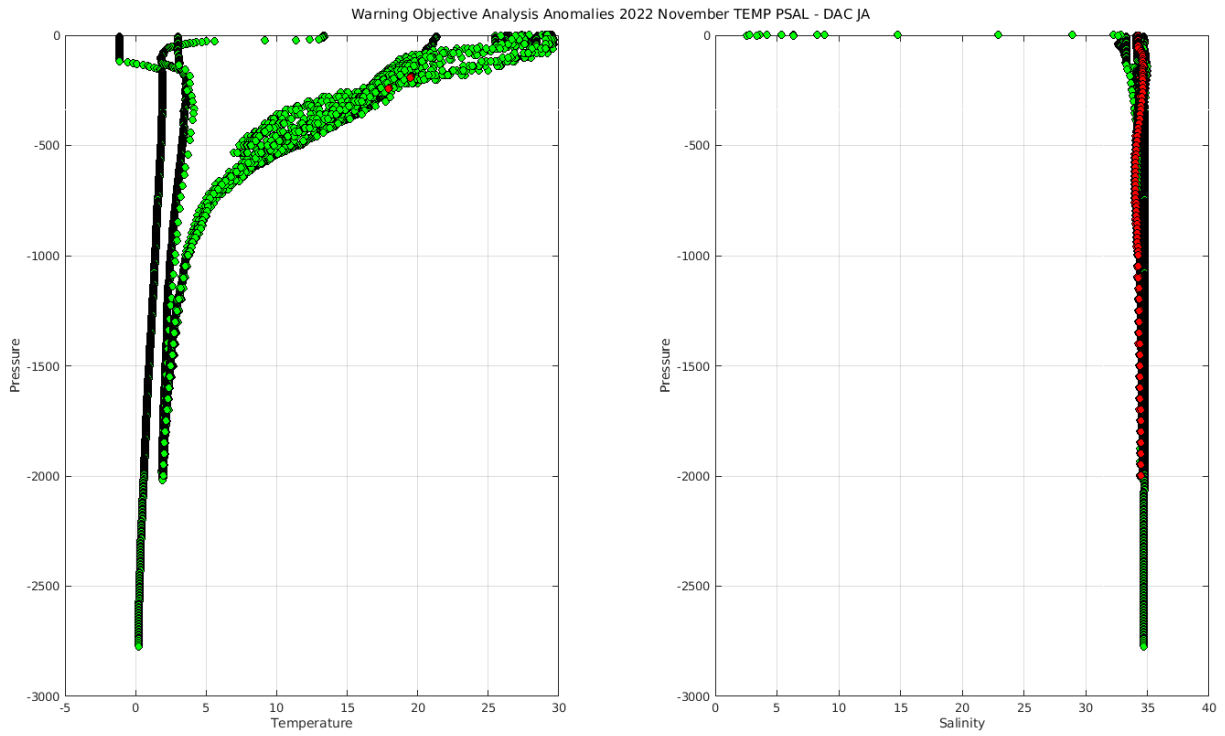


**Status of corrections: Correction in progress, feedbacks each month**

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

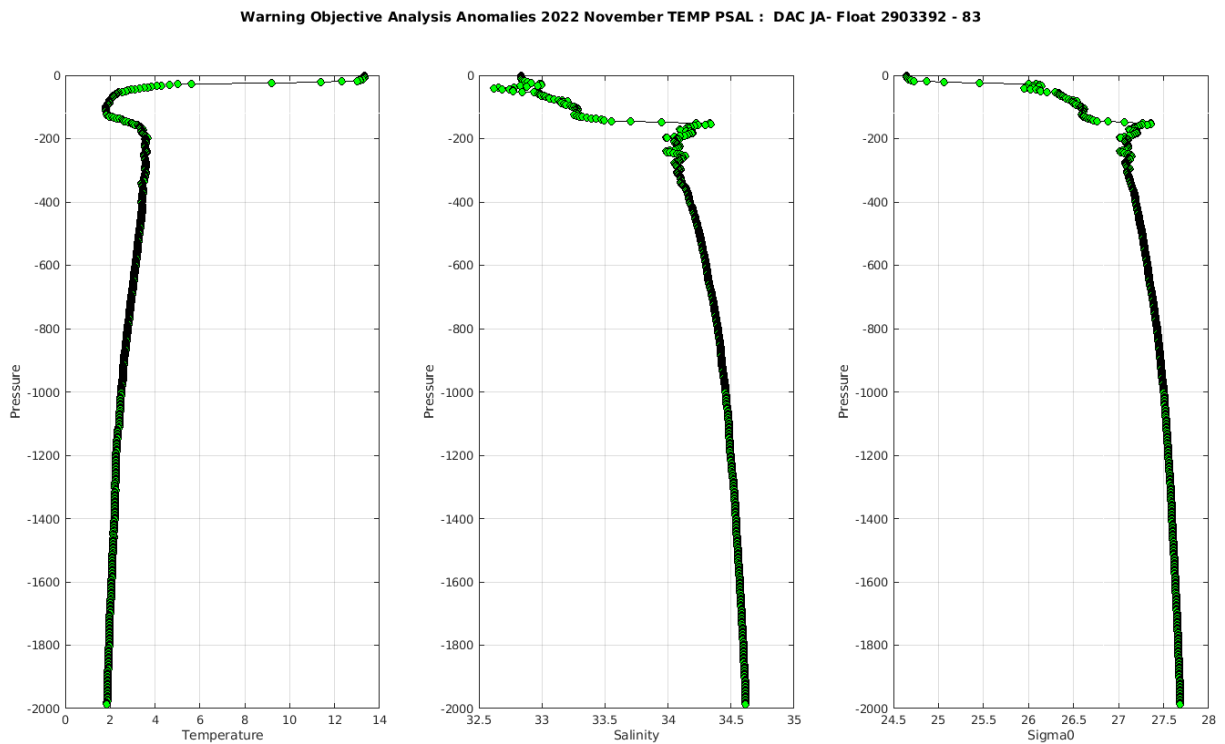
Float : 2903392 - Cycle : 83 - PI : JAMSTEC - Data mode : A - Platform type : NAVIS\_A - WMO inst type : 863 - FLOAT SERIAL : 0954 - Date : 2021 8 6  
 Float : 2903393 - Cycle : 48 - PI : JAMSTEC - Data mode : A - Platform type : NAVIS\_A - WMO inst type : 863 - FLOAT SERIAL : 0956 - Date : 2021 2 13  
 Float : 2903661 - Cycle : 250 - PI : JAMSTEC - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 9191 - Date : 2022 1 28  
 Float : 2903675 - Cycle : 131 - PI : JMA - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : AK1000-20JP003 - Date : 2022 11 6  
 Float : 2903675 - Cycle : 132 - PI : JMA - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : AK1000-20JP003 - Date : 2022 11 11  
 Float : 2903712 - Cycle : 3 - PI : JMA - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : AK1000-21JP011 - Date : 2022 10 24  
 Float : 2903712 - Cycle : 4 - PI : JMA - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : AK1000-21JP011 - Date : 2022 10 29  
 Float : 2903712 - Cycle : 5 - PI : JMA - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : AK1000-21JP011 - Date : 2022 11 3  
 Float : 2903712 - Cycle : 6 - PI : JMA - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : AK1000-21JP011 - Date : 2022 11 8  
 Float : 2903712 - Cycle : 7 - PI : JMA - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : AK1000-21JP011 - Date : 2022 11 13  
 Float : 2903712 - Cycle : 8 - PI : JMA - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : AK1000-21JP011 - Date : 2022 11 18  
 Float : 5906391 - Cycle : 52 - PI : JAMSTEC Satoru Yokoi - Data mode : A - Platform type : APEX - WMO inst type : 877 - FLOAT SERIAL : 9712 - Date : 2022 10 27  
 Float : 5906391 - Cycle : 54 - PI : JAMSTEC Satoru Yokoi - Data mode : A - Platform type : APEX - WMO inst type : 877 - FLOAT SERIAL : 9712 - Date : 2022 10 29  
 Float : 5906391 - Cycle : 56 - PI : JAMSTEC Satoru Yokoi - Data mode : A - Platform type : APEX - WMO inst type : 877 - FLOAT SERIAL : 9712 - Date : 2022 10 31  
 Float : 5906391 - Cycle : 60 - PI : JAMSTEC Satoru Yokoi - Data mode : A - Platform type : APEX - WMO inst type : 877 - FLOAT SERIAL : 9712 - Date : 2022 11 4  
 Float : 5906391 - Cycle : 62 - PI : JAMSTEC Satoru Yokoi - Data mode : A - Platform type : APEX - WMO inst type : 877 - FLOAT SERIAL : 9712 - Date : 2022 11 6  
 Float : 5906391 - Cycle : 66 - PI : JAMSTEC Satoru Yokoi - Data mode : A - Platform type : APEX - WMO inst type : 877 - FLOAT SERIAL : 9712 - Date : 2022 11 10  
 Float : 5906391 - Cycle : 67 - PI : JAMSTEC Satoru Yokoi - Data mode : A - Platform type : APEX - WMO inst type : 877 - FLOAT SERIAL : 9712 - Date : 2022 11 11  
 Float : 5906391 - Cycle : 69 - PI : JAMSTEC Satoru Yokoi - Data mode : A - Platform type : APEX - WMO inst type : 877 - FLOAT SERIAL : 9712 - Date : 2022 11 13  
 Float : 5906391 - Cycle : 80 - PI : JAMSTEC Satoru Yokoi - Data mode : A - Platform type : APEX - WMO inst type : 877 - FLOAT SERIAL : 9712 - Date : 2022 11 24  
 Float : 5906391 - Cycle : 83 - PI : JAMSTEC Satoru Yokoi - Data mode : A - Platform type : APEX - WMO inst type : 877 - FLOAT SERIAL : 9712 - Date : 2022 11 27  
 Float : 5906392 - Cycle : 85 - PI : JAMSTEC Satoru Yokoi - Data mode : A - Platform type : APEX - WMO inst type : 877 - FLOAT SERIAL : 9713 - Date : 2022 11 26  
 Float : 5906393 - Cycle : 53 - PI : JAMSTEC Satoru Yokoi - Data mode : A - Platform type : APEX - WMO inst type : 877 - FLOAT SERIAL : 9714 - Date : 2022 10 27  
 Float : 5906393 - Cycle : 57 - PI : JAMSTEC Satoru Yokoi - Data mode : A - Platform type : APEX - WMO inst type : 877 - FLOAT SERIAL : 9714 - Date : 2022 10 31  
 Float : 5906393 - Cycle : 60 - PI : JAMSTEC Satoru Yokoi - Data mode : A - Platform type : APEX - WMO inst type : 877 - FLOAT SERIAL : 9714 - Date : 2022 11 3  
 Float : 5906393 - Cycle : 70 - PI : JAMSTEC Satoru Yokoi - Data mode : A - Platform type : APEX - WMO inst type : 877 - FLOAT SERIAL : 9714 - Date : 2022 11 13  
 Float : 5906393 - Cycle : 79 - PI : JAMSTEC Satoru Yokoi - Data mode : A - Platform type : APEX - WMO inst type : 877 - FLOAT SERIAL : 9714 - Date : 2022 11 22  
 Float : 7900868 - Cycle : 97 - PI : JAMSTEC - Data mode : A - Platform type : APEX\_D - WMO inst type : 849 - FLOAT SERIAL : 38 - Date : 2022 10 30

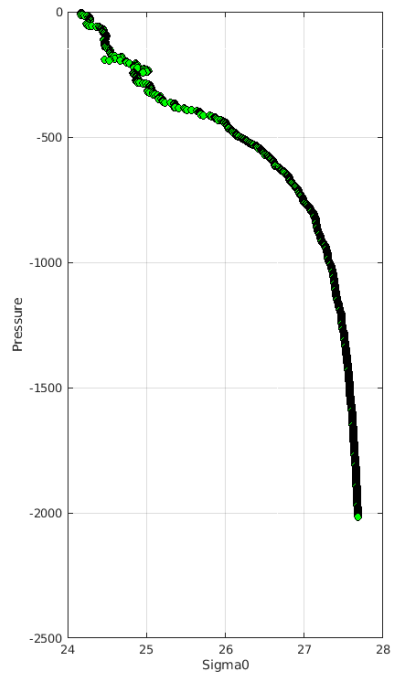
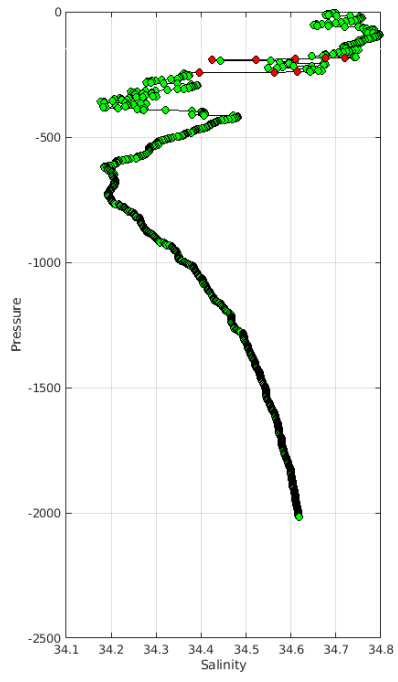
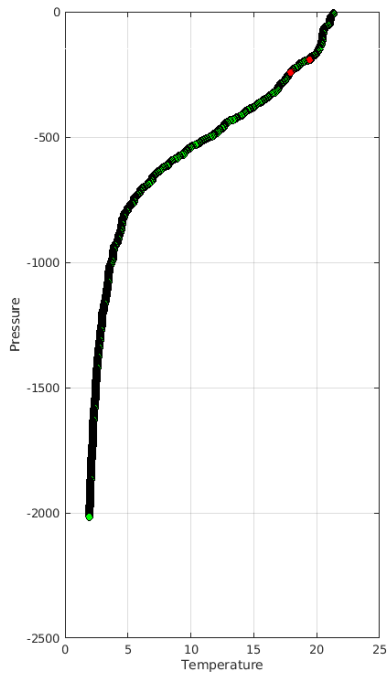
### Files data\_mode='D'



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

Example of anomalies:

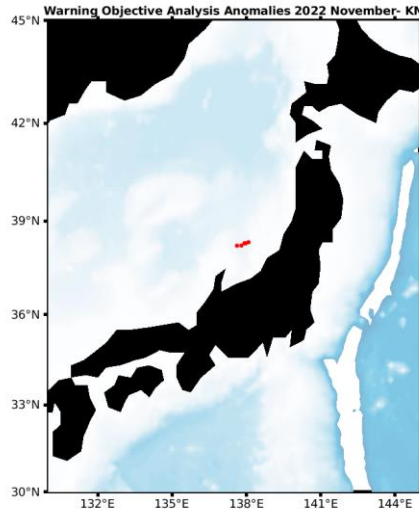




5.7. DAC KMA

Profiles detected by the objective analysis: 5 profiles (1 float – float can have several cycles with anomalies)

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

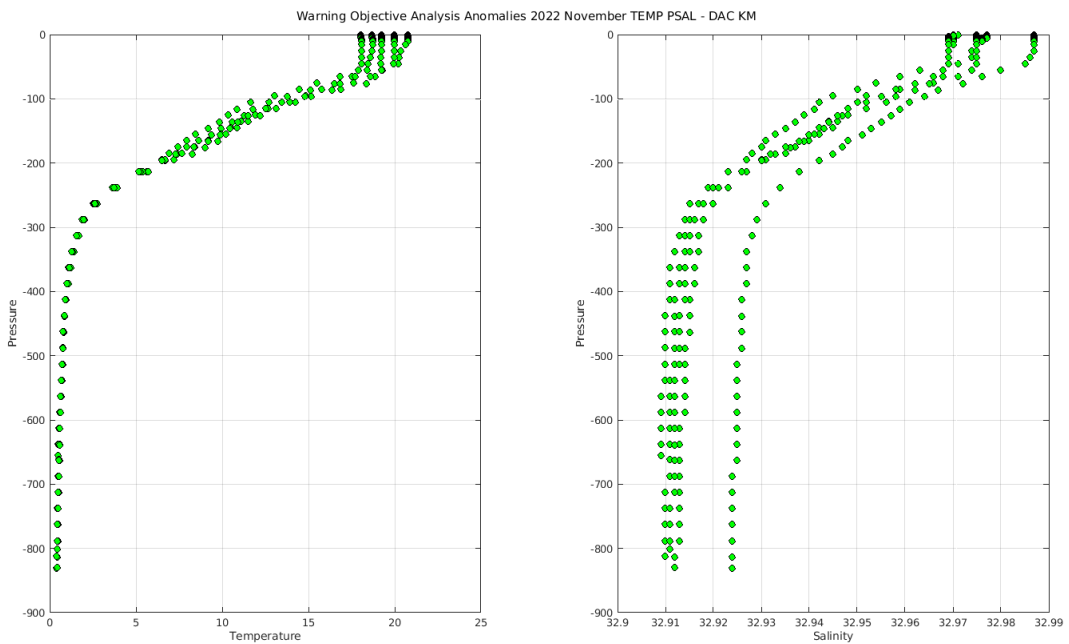


**Status of corrections: No feedback.**

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

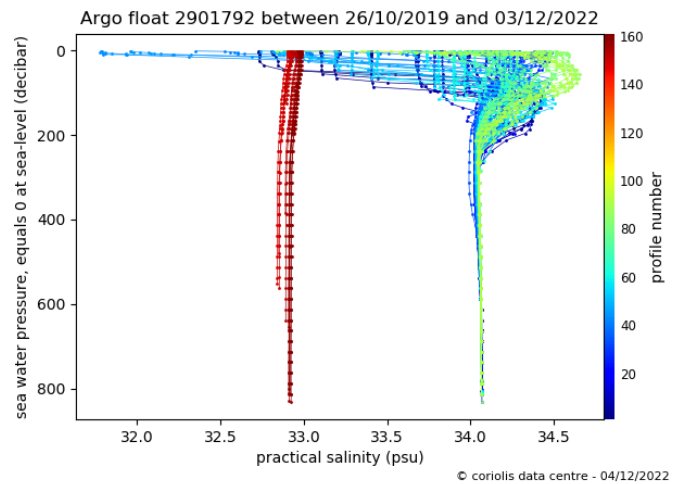
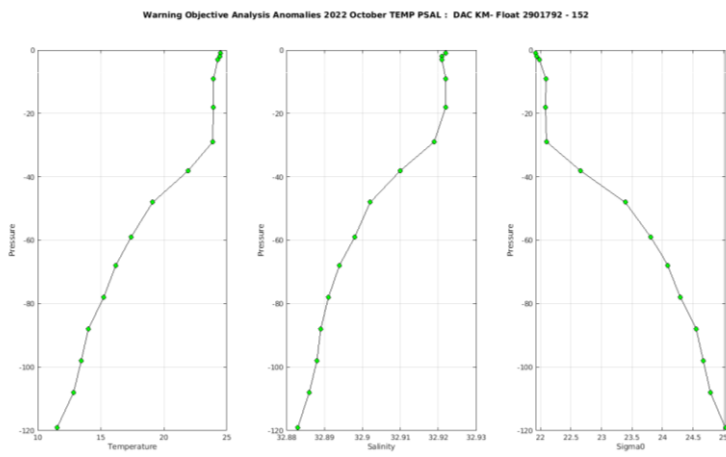
- Float : 2901792 - Cycle : 156 - PI : KiRyong Kang - Data mode : R - Platform type : ARVOR - WMO inst type : 846 - FLOAT SERIAL : n/a - Date : 2022 10 29
- Float : 2901792 - Cycle : 157 - PI : KiRyong Kang - Data mode : R - Platform type : ARVOR - WMO inst type : 846 - FLOAT SERIAL : n/a - Date : 2022 11 5
- Float : 2901792 - Cycle : 158 - PI : KiRyong Kang - Data mode : R - Platform type : ARVOR - WMO inst type : 846 - FLOAT SERIAL : n/a - Date : 2022 11 12
- Float : 2901792 - Cycle : 159 - PI : KiRyong Kang - Data mode : R - Platform type : ARVOR - WMO inst type : 846 - FLOAT SERIAL : n/a - Date : 2022 11 19
- Float : 2901792 - Cycle : 160 - PI : KiRyong Kang - Data mode : R - Platform type : ARVOR - WMO inst type : 846 - FLOAT SERIAL : n/a - Date : 2022 11 26

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	<b>D2900171_001.nc</b>
D2900171_007.nc	D2900171_015.nc	D2900171_023.nc	D2900171_033.nc	D2900171_041.nc	D2900171_049.nc	D2900171_057.nc	D2900171_065.nc	<b>D2900171_024.nc</b>
D2900171_008.nc	D2900171_016.nc	D2900171_026.nc	D2900171_034.nc	D2900171_042.nc	D2900171_050.nc	D2900171_058.nc	D2900171_066.nc	<b>D2900171_025.nc</b>
D2900171_009.nc	D2900171_017.nc	D2900171_027.nc	D2900171_035.nc	D2900171_043.nc	D2900171_051.nc	D2900171_059.nc	D2900171_067.nc	

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

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

PSAL =

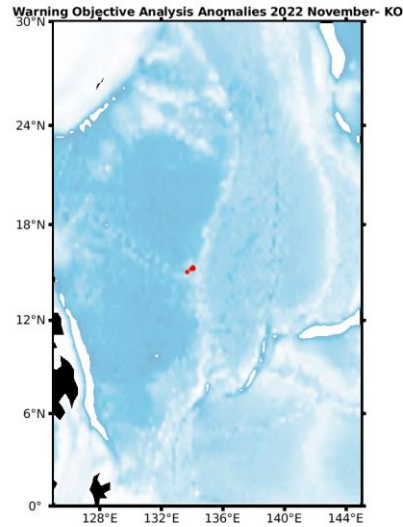
**-1073760.375**, 33.900, 33.876, 33.928, 33.964, 34.015,  
34.028, 34.027, 34.031, 34.033, 34.034, 34.029,

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

## 5.8. DAC KORDI/KIOST

Profiles detected by the objective analysis: 5 profiles (1 float – float can have several cycles with anomalies)

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

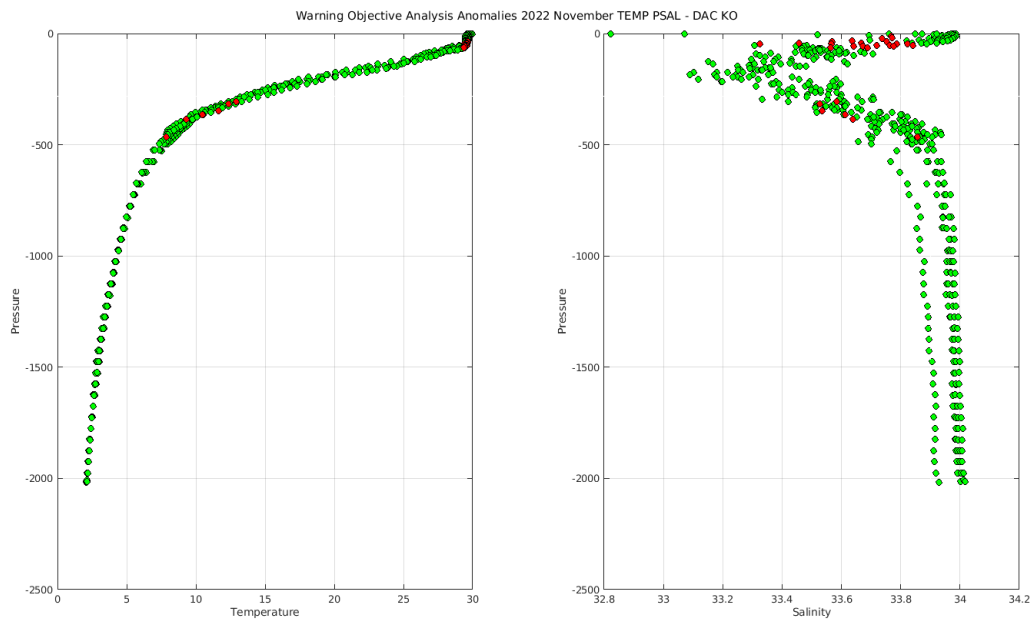


**Status of corrections: No feedback.**

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

Float : 3902470 - Cycle : 1 - PI : Sung-Dae KIM - Data mode : A - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 21016 - Date : 2022 10 13  
 Float : 3902470 - Cycle : 2 - PI : Sung-Dae KIM - Data mode : A - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 21016 - Date : 2022 10 23  
 Float : 3902470 - Cycle : 3 - PI : Sung-Dae KIM - Data mode : A - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 21016 - Date : 2022 11 2  
 Float : 3902470 - Cycle : 4 - PI : Sung-Dae KIM - Data mode : A - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 21016 - Date : 2022 11 12  
 Float : 3902470 - Cycle : 5 - PI : Sung-Dae KIM - Data mode : A - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 21016 - Date : 2022 11 22

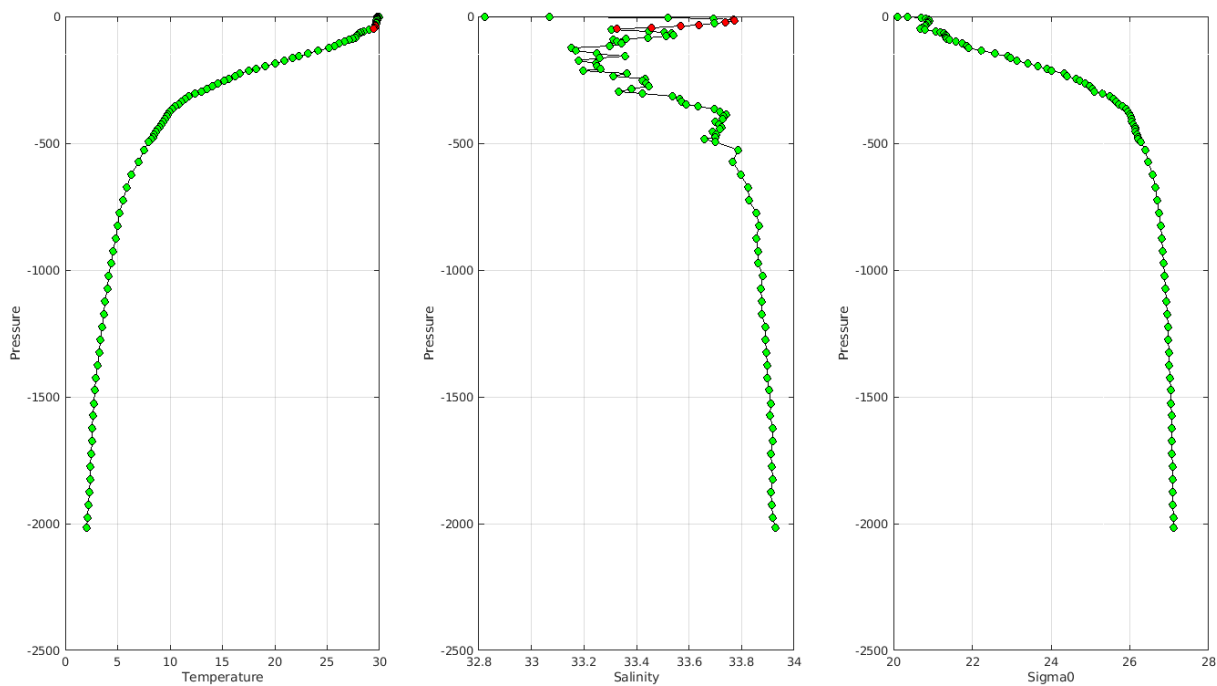
### Files data\_mode='D'



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

Example of anomalies:

Warning Objective Analysis Anomalies 2022 November TEMP PSAL : DAC KO- Float 3902470 - 1

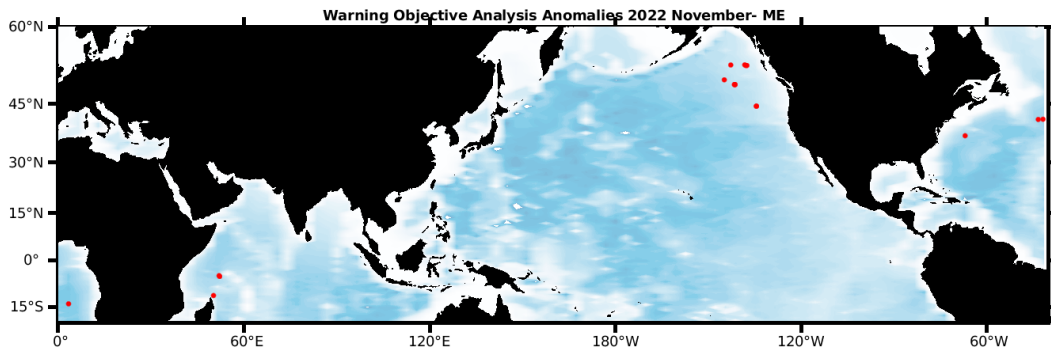




## 5.9. DAC MEDS

Profiles detected by the objective analysis: 17 profiles (10 floats but floats can have several cycles with anomalies)

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

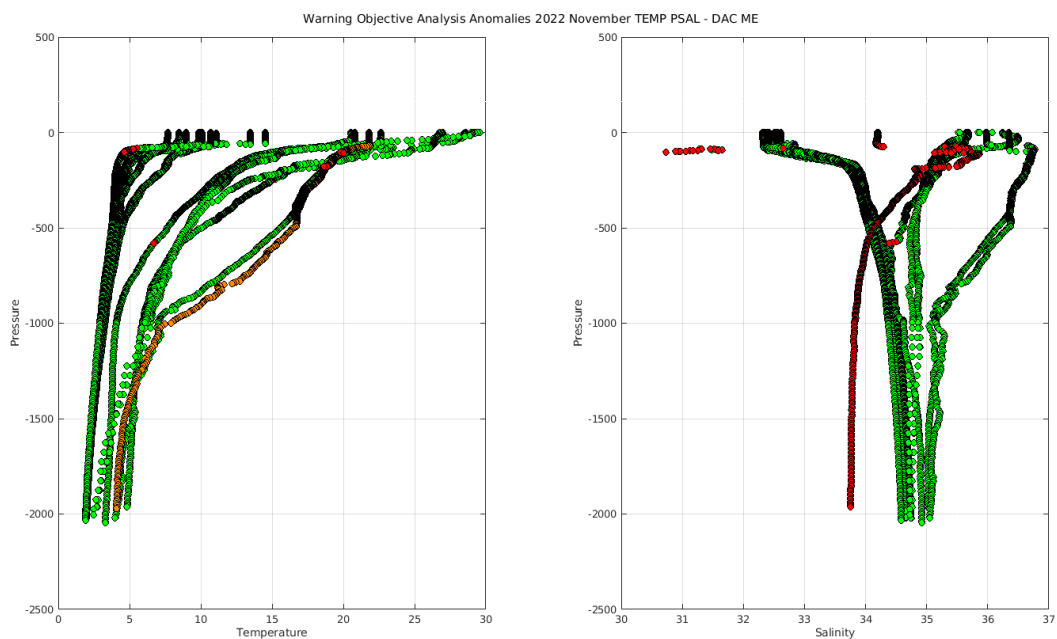


**Status of corrections: In progress.**

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

Float : 4902403 - Cycle : 209 - PI : Blair Greenan - Data mode : A - Platform type : NOVA - WMO inst type : 865 - FLOAT SERIAL : 439 - Date : 2022 11 7  
 Float : 4902403 - Cycle : 210 - PI : Blair Greenan - Data mode : A - Platform type : NOVA - WMO inst type : 865 - FLOAT SERIAL : 439 - Date : 2022 11 17  
 Float : 4902444 - Cycle : 136 - PI : Blair Greenan - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 260018CA07 - Date : 2022 10 31  
 Float : 4902444 - Cycle : 137 - PI : Blair Greenan - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 260018CA07 - Date : 2022 11 11  
 Float : 4902444 - Cycle : 138 - PI : Blair Greenan - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 260018CA07 - Date : 2022 11 21  
 Float : 4902445 - Cycle : 160 - PI : Blair Greenan - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 260018CA08 - Date : 2022 11 2  
 Float : 4902462 - Cycle : 136 - PI : Blair Greenan - Data mode : A - Platform type : NOVA - WMO inst type : 865 - FLOAT SERIAL : 598 - Date : 2022 11 3  
 Float : 4902462 - Cycle : 137 - PI : Blair Greenan - Data mode : A - Platform type : NOVA - WMO inst type : 865 - FLOAT SERIAL : 598 - Date : 2022 11 13  
 Float : 4902462 - Cycle : 138 - PI : Blair Greenan - Data mode : A - Platform type : NOVA - WMO inst type : 865 - FLOAT SERIAL : 598 - Date : 2022 11 23  
 Float : 4902470 - Cycle : 129 - PI : Blair Greenan - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 260018CA14 - Date : 2022 11 3  
 Float : 4902522 - Cycle : 49 - PI : Blair Greenan - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 260020CA10 - Date : 2022 11 14  
 Float : 4902563 - Cycle : 28 - PI : Blair Greenan - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 260021CA04 - Date : 2022 11 9  
 Float : 4902595 - Cycle : 20 - PI : Blair Greenan - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 260021CA36 - Date : 2022 11 1  
 Float : 4902595 - Cycle : 21 - PI : Blair Greenan - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 260021CA36 - Date : 2022 11 11  
 Float : 4902623 - Cycle : 3 - PI : Blair Greenan - Data mode : R - Platform type : PROVOR\_III - WMO inst type : 836 - FLOAT SERIAL : P41305-22CA004 - Date : 2022 11 18  
 Float : 4902623 - Cycle : 4 - PI : Blair Greenan - Data mode : R - Platform type : PROVOR\_III - WMO inst type : 836 - FLOAT SERIAL : P41305-22CA004 - Date : 2022 11 28  
 Float : 4902626 - Cycle : 4 - PI : Blair Greenan - Data mode : R - Platform type : PROVOR\_III - WMO inst type : 836 - FLOAT SERIAL : P43205-22CA001 - Date : 2022 11 18

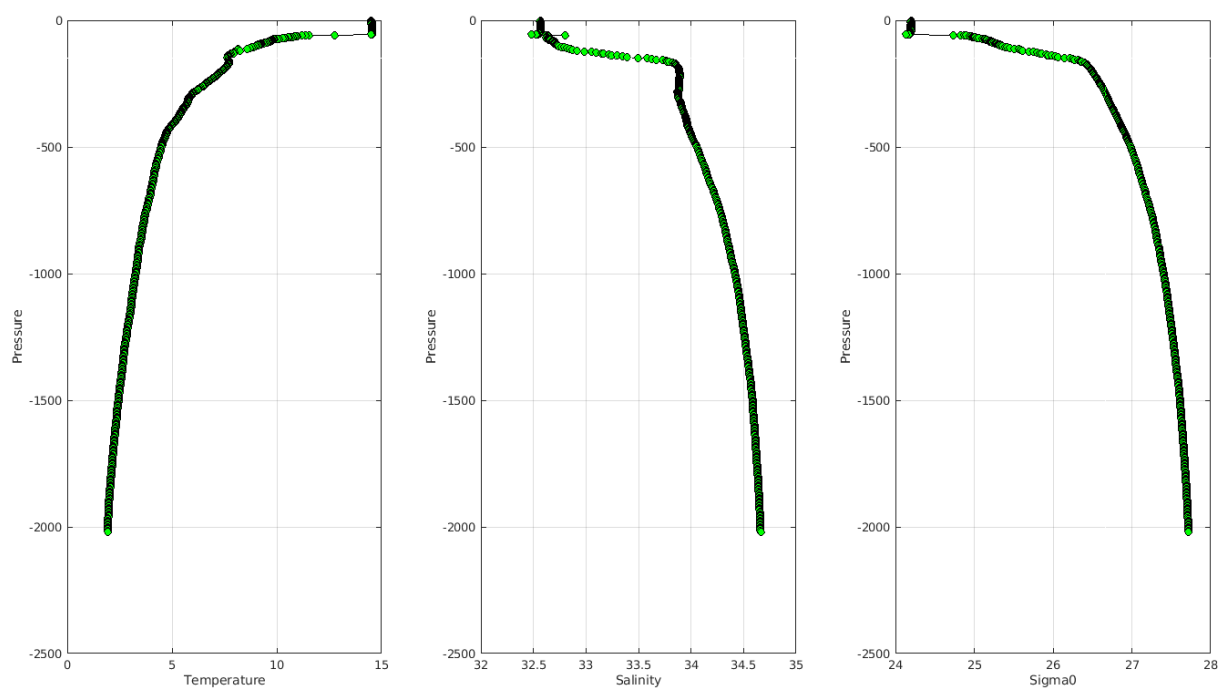
### Files data\_mode='D'



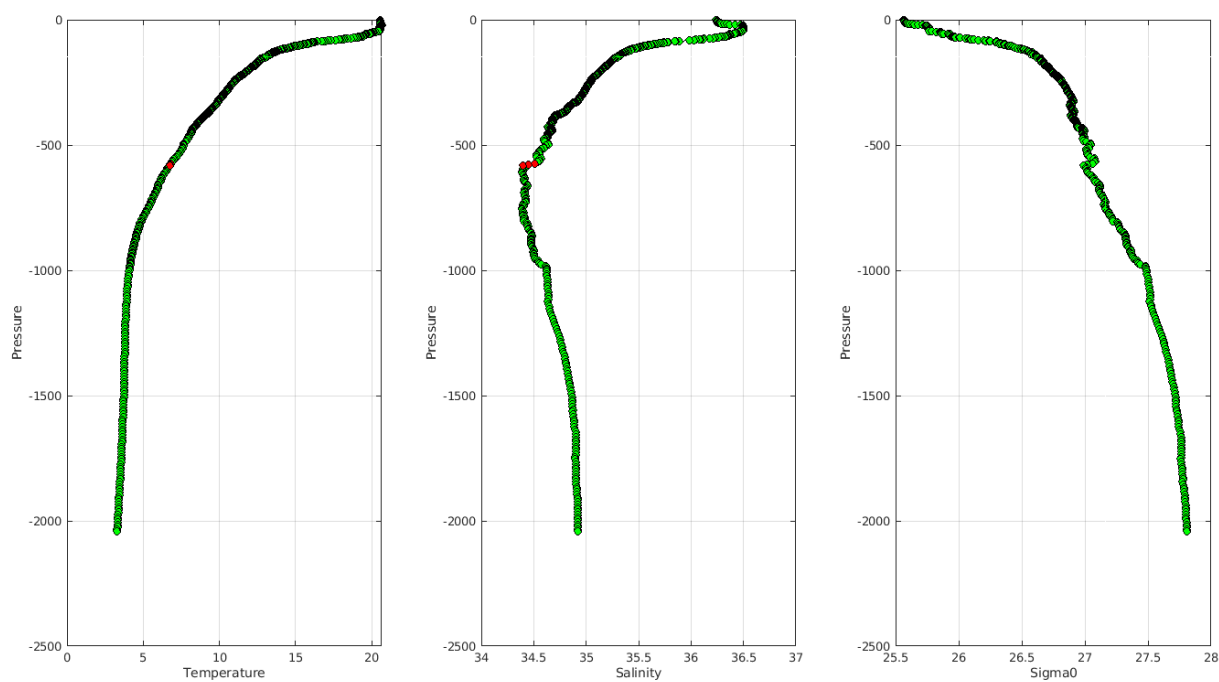
The list of the anomalies can be found at <https://data-argo.ifremer.fr/etc/ObjectiveAnalysisWarning/meds/>

Example of anomalies:

Warning Objective Analysis Anomalies 2022 November TEMP PSAL : DAC ME- Float 4902403 - 209



Warning Objective Analysis Anomalies 2022 November TEMP PSAL : DAC ME- Float 4902563 - 28







## 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 : 8320

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 -

41534 - Existing NetCDF files

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

1900189 - Existing NetCDF files

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

4900228 - Existing NetCDF files

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

1900244 - Existing NetCDF files

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

4900229 - Existing NetCDF files

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

1900245 - Existing NetCDF files

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

4900230 - Existing NetCDF files

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

1900255 - Existing NetCDF files

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

4900268 - Existing NetCDF files

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

1900257 - Existing NetCDF files

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

4900269 - Existing NetCDF files

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

1900748 - Existing NetCDF files

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

4900270 - Existing NetCDF files

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

1900831 - Existing NetCDF files

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

4900271 - Existing NetCDF files

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

1901658 - Existing NetCDF files

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

4900272 - Existing NetCDF files

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

2901106 - Existing NetCDF files

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

4900273 - Existing NetCDF files

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

3900148 - Existing NetCDF files

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

4900287 - Existing NetCDF files

File : 4900287\_Rtraj.nc - 4900287\_meta.nc - 4900287\_tech.nc -

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

4903464 - Existing NetCDF files  
File : 4903464\_meta.nc - 4903464\_prof.nc - 4903464\_tech.nc -

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

4903473 - Existing NetCDF files  
File : 4903473\_meta.nc - 4903473\_prof.nc - 4903473\_tech.nc -

4903499 - Existing NetCDF files  
File : 4903499\_Sprof.nc - 4903499\_meta.nc - 4903499\_prof.nc

4903500 - Existing NetCDF files  
File : 4903500\_Sprof.nc - 4903500\_meta.nc - 4903500\_prof.nc -

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

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

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

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

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

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

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

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

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

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

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

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

5906419 - Existing NetCDF files  
File : 5906419\_Dtraj.nc - 5906419\_meta.nc -

5906420 - Existing NetCDF files  
File : 5906420\_Dtraj.nc - 5906420\_meta.nc -

5906896 - Existing NetCDF files  
File : 5906896\_meta.nc - 5906896\_prof.nc - 5906896\_tech.nc -

**GDAC (missing nc files)**

For some floats :

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

**MAINLY TRAJECTORY FILE MISSING**

See below the list of floats with existing nc files :

**DAC name : bodc – Number of floats : 820**

1901312 - Existing NetCDF files

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

1901844 - Existing NetCDF files

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1901845 - Existing NetCDF files

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1901846 - Existing NetCDF files

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6901215 - Existing NetCDF files  
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6901919 - Existing NetCDF files  
File : 6901919\_meta.nc - 6901919\_prof.nc - 6901919\_tech.nc -

6901920 - Existing NetCDF files  
File : 6901920\_meta.nc - 6901920\_prof.nc - 6901920\_tech.nc -

6901921 - Existing NetCDF files  
File : 6901921\_meta.nc - 6901921\_prof.nc - 6901921\_tech.nc -

6901922 - Existing NetCDF files  
File : 6901922\_meta.nc - 6901922\_prof.nc - 6901922\_tech.nc -

6901923 - Existing NetCDF files  
File : 6901923\_meta.nc - 6901923\_prof.nc - 6901923\_tech.nc -

6901924 - Existing NetCDF files  
File : 6901924\_meta.nc - 6901924\_prof.nc - 6901924\_tech.nc -

6901925 - Existing NetCDF files  
File : 6901925\_meta.nc - 6901925\_prof.nc - 6901925\_tech.nc -

6901926 - Existing NetCDF files  
File : 6901926\_meta.nc - 6901926\_prof.nc - 6901926\_tech.nc -

6901927 - Existing NetCDF files  
File : 6901927\_meta.nc - 6901927\_prof.nc - 6901927\_tech.nc -

6901928 - Existing NetCDF files  
File : 6901928\_meta.nc - 6901928\_prof.nc - 6901928\_tech.nc -

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

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

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

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

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

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

6903721 - Existing NetCDF files  
File : 6903721\_meta.nc - 6903721\_prof.nc - 6903721\_tech.nc -

6903722 - Existing NetCDF files  
File : 6903722\_meta.nc - 6903722\_prof.nc - 6903722\_tech.nc -

6903723 - Existing NetCDF files  
File : 6903723\_meta.nc - 6903723\_prof.nc - 6903723\_tech.nc -

6903724 - Existing NetCDF files  
File : 6903724\_meta.nc - 6903724\_prof.nc - 6903724\_tech.nc -

6903725 - Existing NetCDF files  
File : 6903725\_meta.nc - 6903725\_prof.nc - 6903725\_tech.nc -

6903726 - Existing NetCDF files

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

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

### 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 : 3532**

1900380 - Existing NetCDF files  
File : 1900380\_Rtraj.nc - 1900380\_meta.nc - 1900380\_tech.nc -

1901216 - Existing NetCDF files  
File : 1901216\_Rtraj.nc - 1901216\_meta.nc - 1901216\_tech.nc -

5903129 - Existing NetCDF files  
File : 5903129\_Rtraj.nc - 5903129\_meta.nc - 5903129\_tech.nc -

6900215 - Existing NetCDF files  
File : 6900215\_meta.nc - 6900215\_prof.nc - 6900215\_tech.nc -

6900217 - Existing NetCDF files  
File : 6900217\_meta.nc - 6900217\_prof.nc - 6900217\_tech.nc -

6900940 - Existing NetCDF files  
File : 6900940\_Rtraj.nc - 6900940\_meta.nc - 6900940\_tech.nc -

6901000 - Existing NetCDF files  
File : 6901000\_Rtraj.nc - 6901000\_meta.nc - 6901000\_tech.nc

6901438 - Existing NetCDF files  
File : 6901438\_Rtraj.nc - 6901438\_meta.nc -

6901469 - Existing NetCDF files  
File : 6901469\_Rtraj.nc - 6901469\_meta.nc -

6901551 - Existing NetCDF files  
File : 6901551\_Rtraj.nc - 6901551\_meta.nc - 6901551\_tech.nc -

6901594 - Existing NetCDF files

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

6901615 - Existing NetCDF files

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

6901820 - Existing NetCDF files

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

6901844 - Existing NetCDF files

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

6901854 - Existing NetCDF files

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

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

6903811 - Existing NetCDF files

File : 6903811\_Rtraj.nc - 6903811\_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 : 525**

## 8.5. CSIRO

### GDAC (missing nc files)

**For some floats :**

- traj.nc - is missing (only meta.nc - , tech.nc - and prof.nc - files)

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

**DAC name : csiro – Number of floats : 1096**

1901743 - Existing NetCDF files

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

1901744 - Existing NetCDF files

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

1901745 - Existing NetCDF files

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

1901746 - Existing NetCDF files

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

1901747 - Existing NetCDF files

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

1901749 - Existing NetCDF files

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

1901752 - Existing NetCDF files

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

1901753 - Existing NetCDF files

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

3901467 - Existing NetCDF files

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

5904221 - Existing NetCDF files

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

5904224 - Existing NetCDF files

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

5904226 - Existing NetCDF files

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

5904916 - Existing NetCDF files

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

5904917 - Existing NetCDF files  
File : 5904917\_meta.nc - 5904917\_prof.nc - 5904917\_tech.nc -

5904922 - Existing NetCDF files  
File : 5904922\_meta.nc - 5904922\_prof.nc - 5904922\_tech.nc -

5904925 - Existing NetCDF files  
File : 5904925\_meta.nc - 5904925\_prof.nc - 5904925\_tech.nc -

5905205 - Existing NetCDF files  
File : 5905205\_meta.nc - 5905205\_prof.nc - 5905205\_tech.nc -

5905389 - Existing NetCDF files  
File : 5905389\_meta.nc - 5905389\_prof.nc - 5905389\_tech.nc -

5905390 - Existing NetCDF files  
File : 5905390\_meta.nc - 5905390\_prof.nc - 5905390\_tech.nc -

5905393 - Existing NetCDF files  
File : 5905393\_meta.nc - 5905393\_prof.nc - 5905393\_tech.nc -

5905394 - Existing NetCDF files  
File : 5905394\_meta.nc - 5905394\_prof.nc - 5905394\_tech.nc -

5905410 - Existing NetCDF files  
File : 5905410\_meta.nc - 5905410\_prof.nc - 5905410\_tech.nc -

5905411 - Existing NetCDF files  
File : 5905411\_meta.nc - 5905411\_prof.nc - 5905411\_tech.nc -

5905412 - Existing NetCDF files  
File : 5905412\_meta.nc - 5905412\_prof.nc - 5905412\_tech.nc -

5905413 - Existing NetCDF files  
File : 5905413\_meta.nc - 5905413\_prof.nc - 5905413\_tech.nc -

5905419 - Existing NetCDF files  
File : 5905419\_meta.nc - 5905419\_prof.nc - 5905419\_tech.nc -

5905420 - Existing NetCDF files  
File : 5905420\_meta.nc - 5905420\_prof.nc - 5905420\_tech.nc -

5905421 - Existing NetCDF files  
File : 5905421\_meta.nc - 5905421\_prof.nc - 5905421\_tech.nc

5905430 - Existing NetCDF files  
File : 5905430\_meta.nc - 5905430\_prof.nc - 5905430\_tech.nc -

5905431 - Existing NetCDF files  
File : 5905431\_meta.nc - 5905431\_prof.nc - 5905431\_tech.nc -

5905432 - Existing NetCDF files  
File : 5905432\_meta.nc - 5905432\_prof.nc - 5905432\_tech.nc -

5905454 - Existing NetCDF files  
File : 5905454\_meta.nc - 5905454\_prof.nc - 5905454\_tech.nc -

5905468 - Existing NetCDF files

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

7900638 - Existing NetCDF files  
File : 7900638\_meta.nc - 7900638\_prof.nc - 7900638\_tech.nc -

7900639 - Existing NetCDF files  
File : 7900639\_meta.nc - 7900639\_prof.nc - 7900639\_tech.nc -

7900640 - Existing NetCDF files  
File : 7900640\_meta.nc - 7900640\_prof.nc - 7900640\_tech.nc -

7900641 - Existing NetCDF files  
File : 7900641\_meta.nc - 7900641\_prof.nc - 7900641\_tech.nc -

7900642 - Existing NetCDF files  
File : 7900642\_meta.nc - 7900642\_prof.nc - 7900642\_tech.nc -

7900643 - Existing NetCDF files  
File : 7900643\_meta.nc - 7900643\_prof.nc - 7900643\_tech.nc -

7900646 - Existing NetCDF files  
File : 7900646\_meta.nc - 7900646\_prof.nc - 7900646\_tech.nc -

7900647 - Existing NetCDF files  
File : 7900647\_meta.nc - 7900647\_prof.nc - 7900647\_tech.nc -

7900648 - Existing NetCDF files  
File : 7900648\_meta.nc - 7900648\_prof.nc - 7900648\_tech.nc -

7900649 - Existing NetCDF files  
File : 7900649\_meta.nc - 7900649\_prof.nc - 7900649\_tech.nc -

7900650 - Existing NetCDF files  
File : 7900650\_meta.nc - 7900650\_prof.nc - 7900650\_tech.nc -

7900651 - Existing NetCDF files  
File : 7900651\_meta.nc - 7900651\_prof.nc - 7900651\_tech.nc -

7900891 - Existing NetCDF files  
File : 7900891\_meta.nc - 7900891\_prof.nc - 7900891\_tech.nc -

7900892 - Existing NetCDF files  
File : 7900892\_meta.nc - 7900892\_prof.nc - 7900892\_tech.nc -

7900894 - Existing NetCDF files  
File : 7900894\_meta.nc - 7900894\_prof.nc - 7900894\_tech.nc -

7900899 - Existing NetCDF files  
File : 7900899\_meta.nc - 7900899\_prof.nc - 7900899\_tech.nc -

7900903 - Existing NetCDF files  
File : 7900903\_meta.nc - 7900903\_prof.nc - 7900903\_tech.nc

7900913 - Existing NetCDF files  
File : 7900913\_meta.nc - 7900913\_prof.nc - 7900913\_tech.nc

7900919 - Existing NetCDF files  
File : 7900919\_meta.nc - 7900919\_prof.nc - 7900919\_tech.nc

## 8.6. INCOIS

### For some floats :

- tech.nc - is missing (meta.nc - , traj.nc - and prof.nc - files existing)



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

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

**DAC name : incois – Number of floats : 491**

2900268 - Existing NetCDF files File : 2900268_Rtraj.nc - 2900268_meta.nc - 2900268_prof.nc -	2902255 - Existing NetCDF files File : 2902255_meta.nc - 2902255_prof.nc - 2902255_tech.nc -
2900275 - Existing NetCDF files File : 2900275_Rtraj.nc - 2900275_meta.nc - 2900275_prof.nc -	2902256 - Existing NetCDF files File : 2902256_meta.nc - 2902256_prof.nc - 2902256_tech.nc -
2900767 - Existing NetCDF files File : 2900767_meta.nc - 2900767_prof.nc - 2900767_tech.nc -	2902257 - Existing NetCDF files File : 2902257_meta.nc - 2902257_prof.nc - 2902257_tech.nc -
2902126 - Existing NetCDF files File : 2902126_Rtraj.nc - 2902126_meta.nc - 2902126_tech.nc -	2902258 - Existing NetCDF files File : 2902258_meta.nc - 2902258_prof.nc - 2902258_tech.nc -
2902229 - Existing NetCDF files File : 2902229_meta.nc - 2902229_prof.nc - 2902229_tech.nc -	2902259 - Existing NetCDF files File : 2902259_meta.nc - 2902259_prof.nc - 2902259_tech.nc -
2902230 - Existing NetCDF files File : 2902230_meta.nc - 2902230_prof.nc - 2902230_tech.nc -	2902260 - Existing NetCDF files File : 2902260_meta.nc - 2902260_prof.nc - 2902260_tech.nc -
2902231 - Existing NetCDF files File : 2902231_meta.nc - 2902231_prof.nc - 2902231_tech.nc -	2902261 - Existing NetCDF files File : 2902261_meta.nc - 2902261_prof.nc - 2902261_tech.nc -
2902232 - Existing NetCDF files File : 2902232_meta.nc - 2902232_prof.nc - 2902232_tech.nc -	2902262 - Existing NetCDF files File : 2902262_meta.nc - 2902262_prof.nc - 2902262_tech.nc -
2902233 - Existing NetCDF files File : 2902233_meta.nc - 2902233_prof.nc - 2902233_tech.nc -	2902265 - Existing NetCDF files File : 2902265_meta.nc - 2902265_prof.nc - 2902265_tech.nc -
2902234 - Existing NetCDF files File : 2902234_meta.nc - 2902234_prof.nc - 2902234_tech.nc -	2902266 - Existing NetCDF files File : 2902266_meta.nc - 2902266_prof.nc - 2902266_tech.nc -
2902235 - Existing NetCDF files File : 2902235_meta.nc - 2902235_prof.nc - 2902235_tech.nc -	2902267 - Existing NetCDF files File : 2902267_meta.nc - 2902267_prof.nc - 2902267_tech.nc -
2902236 - Existing NetCDF files File : 2902236_meta.nc - 2902236_prof.nc - 2902236_tech.nc -	2902268 - Existing NetCDF files File : 2902268_meta.nc - 2902268_prof.nc - 2902268_tech.nc -
2902246 - Existing NetCDF files File : 2902246_meta.nc - 2902246_prof.nc - 2902246_tech.nc -	2902269 - Existing NetCDF files File : 2902269_meta.nc - 2902269_prof.nc - 2902269_tech.nc -
2902248 - Existing NetCDF files File : 2902248_meta.nc - 2902248_prof.nc - 2902248_tech.nc -	2902278 - Existing NetCDF files File : 2902278_meta.nc - 2902278_prof.nc - 2902278_tech.nc -
2902249 - Existing NetCDF files File : 2902249_meta.nc - 2902249_prof.nc - 2902249_tech.nc -	2902279 - Existing NetCDF files File : 2902279_meta.nc - 2902279_prof.nc - 2902279_tech.nc -
2902250 - Existing NetCDF files File : 2902250_meta.nc - 2902250_prof.nc - 2902250_tech.nc -	2902280 - Existing NetCDF files File : 2902280_meta.nc - 2902280_prof.nc - 2902280_tech.nc -
2902251 - Existing NetCDF files File : 2902251_meta.nc - 2902251_prof.nc - 2902251_tech.nc -	2902281 - Existing NetCDF files File : 2902281_meta.nc - 2902281_prof.nc - 2902281_tech.nc -
2902252 - Existing NetCDF files File : 2902252_meta.nc - 2902252_prof.nc - 2902252_tech.nc -	2902282 - Existing NetCDF files File : 2902282_meta.nc - 2902282_prof.nc - 2902282_tech.nc -
2902253 - Existing NetCDF files File : 2902253_meta.nc - 2902253_prof.nc - 2902253_tech.nc -	2902283 - Existing NetCDF files File : 2902283_meta.nc - 2902283_prof.nc - 2902283_tech.nc -
2902254 - Existing NetCDF files File : 2902254_meta.nc - 2902254_prof.nc - 2902254_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

## 8.7. JMA

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

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

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

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

-Others : 8 floats

need further investigation

For some floats :

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

See below the list of floats with existing nc files :

**DAC name : jma – Number of floats : 1887**

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

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

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

1902333 - Existing NetCDF files  
File : 1902333\_meta.nc - 1902333\_prof.nc -

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

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

1902337 - Existing NetCDF files  
File : 1902337\_meta.nc - 1902337\_prof.nc -

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

2903012 - Existing NetCDF files  
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2903013 - Existing NetCDF files  
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2903014 - Existing NetCDF files  
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2903165 - Existing NetCDF files  
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2903166 - Existing NetCDF files  
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2903167 - Existing NetCDF files  
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2903168 - Existing NetCDF files  
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2903169 - Existing NetCDF files  
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2903170 - Existing NetCDF files  
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2903171 - Existing NetCDF files  
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2903172 - Existing NetCDF files  
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2903173 - Existing NetCDF files  
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2903174 - Existing NetCDF files  
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2903175 - Existing NetCDF files  
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2903176 - Existing NetCDF files  
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2903209 - Existing NetCDF files  
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2903210 - Existing NetCDF files  
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2903211 - Existing NetCDF files  
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2903212 - Existing NetCDF files  
File : 2903212\_Sprof.nc - 2903212\_meta.nc - 2903212\_prof.nc -

2903213 - Existing NetCDF files  
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2903327 - Existing NetCDF files  
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2903329 - Existing NetCDF files  
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2903330 - Existing NetCDF files  
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2903346 - Existing NetCDF files  
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2903347 - Existing NetCDF files  
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2903348 - Existing NetCDF files  
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2903349 - Existing NetCDF files  
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2903350 - Existing NetCDF files  
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2903351 - Existing NetCDF files  
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2903352 - Existing NetCDF files  
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2903353 - Existing NetCDF files



2903400 - Existing NetCDF files  
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2903401 - Existing NetCDF files  
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2903402 - Existing NetCDF files  
File : 2903402\_meta.nc - 2903402\_prof.nc -

2903403 - Existing NetCDF files  
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2903404 - Existing NetCDF files  
File : 2903404\_meta.nc - 2903404\_prof.nc -

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

2903606 - Existing NetCDF files  
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2903607 - Existing NetCDF files  
File : 2903607\_meta.nc - 2903607\_prof.nc -

2903608 - Existing NetCDF files  
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2903609 - Existing NetCDF files  
File : 2903609\_meta.nc - 2903609\_prof.nc -

2903610 - Existing NetCDF files  
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2903611 - Existing NetCDF files  
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2903612 - Existing NetCDF files  
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2903616 - Existing NetCDF files  
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2903617 - Existing NetCDF files  
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2903630 - Existing NetCDF files  
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2903631 - Existing NetCDF files  
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2903632 - Existing NetCDF files  
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2903648 - Existing NetCDF files  
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2903649 - Existing NetCDF files  
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2903650 - Existing NetCDF files  
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2903651 - Existing NetCDF files  
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2903652 - Existing NetCDF files  
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2903653 - Existing NetCDF files  
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2903654 - Existing NetCDF files  
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2903655 - Existing NetCDF files  
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2903656 - Existing NetCDF files  
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2903657 - Existing NetCDF files  
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2903658 - Existing NetCDF files  
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2903659 - Existing NetCDF files  
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2903660 - Existing NetCDF files  
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2903661 - Existing NetCDF files  
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2903662 - Existing NetCDF files  
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2903663 - Existing NetCDF files  
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2903664 - Existing NetCDF files  
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2903665 - Existing NetCDF files  
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2903666 - 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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3902388 - Existing NetCDF files  
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3902389 - Existing NetCDF files  
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3902390 - 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  
File : 3902394\_meta.nc - 3902394\_prof.nc -

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

4902378 - Existing NetCDF files  
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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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4902983 - Existing NetCDF files  
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4902986 - Existing NetCDF files  
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4902987 - Existing NetCDF files  
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4902988 - 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  
File : 4903608\_meta.nc - 4903608\_prof.nc -

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

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

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

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

5905062 - Existing NetCDF files  
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5905063 - Existing NetCDF files  
File : 5905063\_meta.nc - 5905063\_prof.nc -

5905218 - Existing NetCDF files  
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5905223 - Existing NetCDF files  
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5905224 - Existing NetCDF files  
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5905225 - Existing NetCDF files  
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5905226 - Existing NetCDF files  
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5905227 - Existing NetCDF files  
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5905228 - Existing NetCDF files  
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5905229 - Existing NetCDF files  
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5905232 - Existing NetCDF files  
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5905233 - Existing NetCDF files  
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5905834 - Existing NetCDF files  
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5905835 - Existing NetCDF files  
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5905836 - Existing NetCDF files  
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5905838 - Existing NetCDF files  
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5905839 - Existing NetCDF files  
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5905840 - Existing NetCDF files  
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5905841 - Existing NetCDF files  
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5905842 - Existing NetCDF files  
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5905843 - Existing NetCDF files  
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5905844 - Existing NetCDF files  
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5905845 - Existing NetCDF files  
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5905846 - Existing NetCDF files  
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5905848 - Existing NetCDF files  
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5905849 - Existing NetCDF files  
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5905851 - Existing NetCDF files  
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5905852 - Existing NetCDF files  
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5905853 - Existing NetCDF files  
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5905854 - Existing NetCDF files  
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5905855 - Existing NetCDF files  
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5905856 - Existing NetCDF files  
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5905857 - Existing NetCDF files  
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5905858 - Existing NetCDF files  
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5905860 - Existing NetCDF files  
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5905861 - Existing NetCDF files  
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5905862 - Existing NetCDF files  
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5905863 - Existing NetCDF files  
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5905864 - Existing NetCDF files  
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5905865 - Existing NetCDF files  
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5905866 - Existing NetCDF files  
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5905867 - Existing NetCDF files  
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5905868 - Existing NetCDF files  
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5905869 - Existing NetCDF files  
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5905870 - Existing NetCDF files  
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5905871 - Existing NetCDF files  
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5905872 - Existing NetCDF files  
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5905875 - Existing NetCDF files  
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5905876 - Existing NetCDF files  
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5905877 - Existing NetCDF files  
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5905878 - Existing NetCDF files  
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5905879 - Existing NetCDF files  
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5905881 - Existing NetCDF files  
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5905882 - Existing NetCDF files  
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5906385 - Existing NetCDF files  
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5906386 - Existing NetCDF files  
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5906387 - Existing NetCDF files  
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5906389 - Existing NetCDF files  
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5906390 - Existing NetCDF files  
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5906391 - Existing NetCDF files  
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5906392 - Existing NetCDF files  
File : 5906392\_meta.nc - 5906392\_prof.nc -

5906393 - Existing NetCDF files  
File : 5906393\_meta.nc - 5906393\_prof.nc -  
7900024 - Existing NetCDF files  
File : 7900024\_Rtraj.nc - 7900024\_meta.nc - 7900024\_tech.nc -

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

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

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

7900601 - Existing NetCDF files  
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7900652 - Existing NetCDF files  
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7900653 - Existing NetCDF files  
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7900654 - Existing NetCDF files  
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7900655 - Existing NetCDF files  
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7900657 - Existing NetCDF files  
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7900658 - Existing NetCDF files  
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7900660 - Existing NetCDF files  
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7900691 - Existing NetCDF files  
File : 7900691\_meta.nc - 7900691\_prof.nc -

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

7900864 - Existing NetCDF files  
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7900866 - Existing NetCDF files  
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7900868 - Existing NetCDF files  
File : 7900868\_meta.nc - 7900868\_prof.nc -

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

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

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

## 8.8. KMA

### For some floats :

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

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

#### DAC name : kma – Number of floats : 259

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

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

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

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

2901808 - Existing NetCDF files

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

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

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

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

## 8.9. KORDI/KIOST

### For some floats :

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



See below the list of floats with existing nc files :

**DAC name : kiost – Number of floats : 115**

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 -

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 -

5906968 - Existing NetCDF files

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

7901012 - Existing NetCDF files

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

## 8.10. MEDS

For some floats :

- traj file missing

See below the list of floats with existing nc files :

**DAC name : meds – Number of floats : 651**

## 8.11. NMDIS

For some floats :

- 

See below the list of floats with existing nc files :

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