



## GDAC Float Anomalies Monitoring

October 2022

Christine Coatanoan-Girou

**Coriolis**



## NOTES

### NOVEMBER 2017

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

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

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

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

### DECEMBER 2017

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

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

### January 2018

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

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

The problem has been resolved rapidly.

### May 2018

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

### July 2018

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

### March 2019

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

### April 2019

Re-organization of the report

### June 2019

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

### September 2019

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

### October 2019

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

#### November 2019

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

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

#### February 2020

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

#### March 2020

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

#### April 2020

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

#### October 2020

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

#### November 2020

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

#### March 2021

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

#### December 2021

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

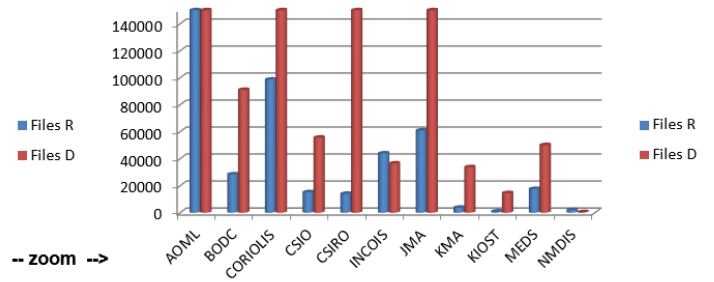
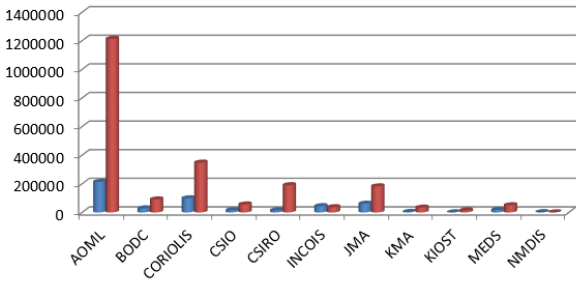
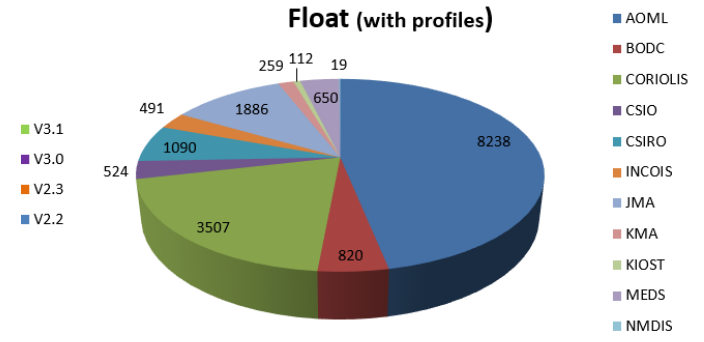
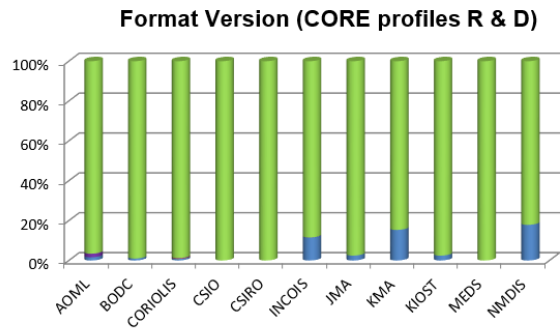
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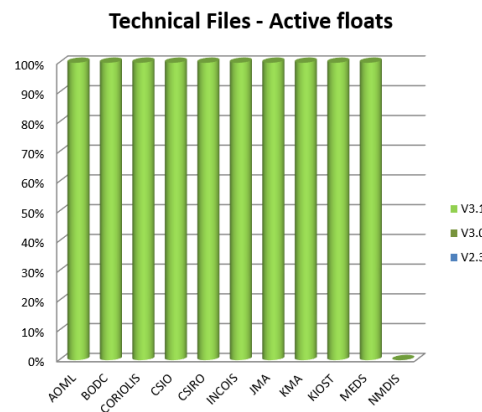
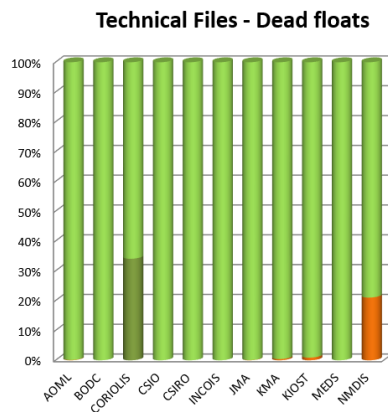
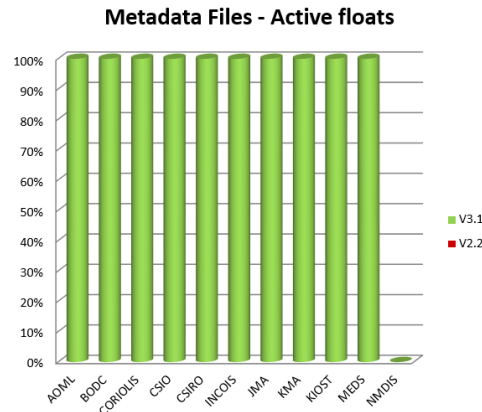
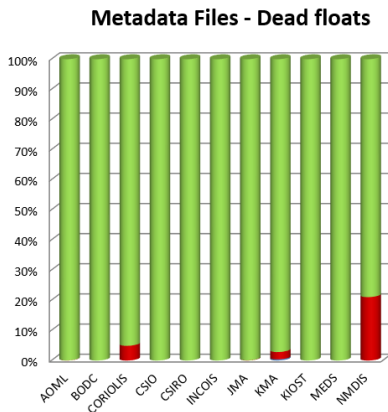
# 1. Anomalies of Argo profiles – Suspected drift

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).

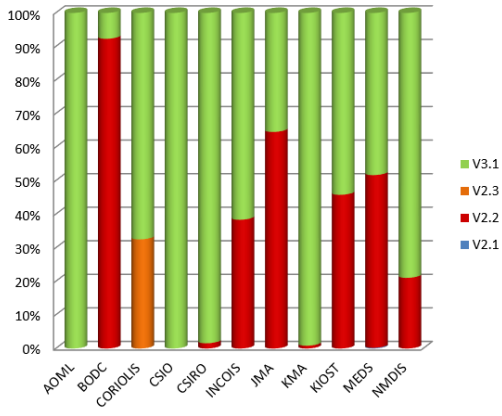
DAC	WMO	PI	First station in alert	First cycle in alert	Last Station in alert	Last cycle in alert	QC level in R in Coriolis DB	Description	SENSOR_MODEL	SERIAL_NUM	Failure_Type for Coriolis DB (1-4 wrecked, 5- pressure, 6- adjustment issue)	Comment All drift mentions are SUSPICION drift value mentions 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 S/A, from cycle N, P/D/M response: N/A?	
<b>NEW</b>														
ACML	1501817		BRECK OWENS, STEVEN JAYNE, P.E. ROBBINS	2022/10/30	237		3	Argo WHOI	SBE41CP	7212	1	Slight drift		
ACML	4901656		GREGORY C. JOHNSON	2022/10/12	293	2022/11/01	295	3	Argo PMEL	SBE41CP	5728	3	bad profiles from cycle 293	
ACML	4902079		GREGORY C. JOHNSON	2022/10/18	273		3	Argo PMEL	SBE41CP	6289	1	Drift		
ACML	4902947		GREGORY C. JOHNSON	2022/10/10	190	2022/10/30	192	3	Argo PMEL	SBE41CP	09643	1	Drift, jump ?	
ACML	4902999		GREGORY C. JOHNSON	2022/10/10	163	2022/10/30	165	3	Argo PMEL	SBE41CP_V7.2.5	09965	1	Slight drift	
ACML	5902516		DEAN ROEMMICH	2022/10/23	222	2022/11/02	223	4	Argo SIO	SBE41CP_V7.2.5	8669	3	bad profiles	
ACML	5904867		GREGORY C. JOHNSON	2022/10/18	217	2022/10/28	218	3	Argo PMEL	SBE41CP_V7.2.5	08547	1	Slight drift	
ACML	5905793		DEAN ROEMMICH	2022/10/14	133	2022/11/03	135	3	Argo SIO	SBE41CP_V7.2.5	5892	1	Drift, jump ?	
ACML	5905967		STEPHEN RISER	2022/10/25	154		3	Argo UW	SBE41CP	8045	1	Drift, jump ?		
CORLIUS	6901289		Pedro Velez	2022/10/05	158	2022/10/25	160	3	Argo SPAIN - IEO	SBE41CP_V7.2.5	9976	1	Drift, jump ?	
CORLIUS	6902845		Frank Dumas	2022/10/21	349	2022/10/31	351	3	CORLIUS	SBE41CP_V7.2.5	8517	1	Drift, jump ?	
CORLIUS	6902848		Frank Dumas	2022/10/08	291	2022/10/28	295	3	CORLIUS	SBE41CP_V7.2.5	8975	1	Drift	
CORLIUS	6904092		Birgit Klein	2022/09/28	24	2022/10/28	27	3	Argo BSH	SBE41CP	41-14299	3	Strange profile, comparing to others surrounding profiles seems outlier	
JMA	2903712	JMA		2022/10/19	2	2022/11/03	5	3	Argo eq. JAMSTEC	SBE41CP_V7.2.5	14260	1	Drift from beginning ?	
JMA	7900868	JAMSTEC		2022/10/30	97		3	Argo eq. JAMSTEC	SBE61	5678	1	Drift		
MEDS	4902595	Blair Greenan		2022/10/21	19	2022/11/01	20	3	Argo CANADA	SBE41CP	41CP-13009	1	Beginning of drift ?	
<b>PREVIOUS REPORTS (in last 2 months)</b>														
ACML	3901221		BRECK OWENS, STEVEN JAYNE, P.E. ROBBINS	2022/08/27	260	2022/10/26	266	3	Argo WHOI	SBE41CP	6505	1	Drift, already with QC2 but started to drift from cycle 260	
ACML	3901284		GREGORY C. JOHNSON	2022/04/05	180	2022/11/01	214	3	Argo PMEL	SBE41CP	08546	1	Slight drift	PSAL 3,189,N/A
ACML	3901296		GREGORY C. JOHNSON	2022/04/11	192	2022/09/08	207	3	Argo PMEL	SBE41CP	08656	1	Drift	
ACML	3902150		GREGORY C. JOHNSON	2022/09/21	134	2022/10/21	137	3	Argo PMEL	SBE	5716	1	Slight drift ?	
ACML	3902163		GREGORY C. JOHNSON	2022/08/22	124	2022/10/18	130	3	Argo PMEL	SBE	5646	1	Slight drift	
ACML	4902088		GREGORY C. JOHNSON	2022/05/01	248	2022/10/28	266	3 & 4	Argo PMEL	SBE41CP	7178	1	Drift and bad values	PSAL 3,248,N/A
ACML	4902314		GREGORY C. JOHNSON	2022/07/08	225	2022/08/27	230	3	Argo PMEL	SBE41CP	7544	1	Slight drift	
ACML	4902937		GREGORY C. JOHNSON	2022/02/25	172	2022/11/02	197	3	Argo PMEL	SBE41CP	09041	1	Slight drift	
ACML	4903204		GREGORY C. JOHNSON	2022/07/22	116	2022/08/31	129	3	Argo PMEL	SBE41CP	11171	1	Slight drift	
ACML	4903278		AMY BOWER, STEVEN JAYNE, HEATHER FUREY	2022/09/26	153	2022/10/25	159	3	Argo WHOI	SBE41CP	11216	1	Jump ? ASD Drift ?	
ACML	5903826		GREGORY C. JOHNSON	2022/08/05	362	2022/09/06	365	3	Argo PMEL	SBE41	5112	1	Slight drift ?	
ACML	5904056		GREGORY C. JOHNSON	2022/09/07	311	2022/10/17	315	3	Argo PMEL	SBE41CP	5132	3	Strange profile, drift ? Or bad profile ?	
ACML	5904057		GREGORY C. JOHNSON	2022/09/02	311	2022/09/12	312	3	Argo PMEL	SBE41CP	5531	1	Slight drift ?	
ACML	5904490		STEPHEN RISER	2022/03/02	255	2022/07/22	269	3	Argo UW	SBE41CP	6423	1	Large drift, QC2 on PSAL but should be at least 3, in DM (fill cycle 254) PSAL in QC4	
ACML	5904649		STEPHEN RISER	2022/10/01	211	2022/10/31	260	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
ACML	5904771		STEPHEN RISER	2022/10/14	232	2022/11/03	237	3	Argo UW-SOCCOM eq.	SBE41CP	6398	1	Drift, QC2 on PSAL but should be QC3	
ACML	5904782		STEPHEN RISER	2022/09/06	220	2022/10/26	225	3	Argo UW	SBE41CP	7827	1	Large Drift or Jump ? ASD	
ACML	5904816		STEPHEN RISER	2022/06/11	207	2022/10/29	221	4	Argo UW	SBE41CP	7782	1	Large drift or jump ? ASD	PSAL 3,207,N/A
ACML	5904825		STEPHEN RISER	2022/08/19	211	2022/09/08	213	3	Argo UW	SBE41CP	7934	1	Slight drift ?	
ACML	5905154		STEPHEN RISER	2022/09/18	177	2022/10/28	181	3	Argo UW	SBE41CP	8359	1	Slight drift	
ACML	5905667		GREGORY C. JOHNSON	2022/08/21	147	2022/08/31	148	3	Argo PMEL	SBE41CP	09939	1	Slight drift	
ACML	5905742		GREGORY C. JOHNSON	2022/09/15	154	2022/10/25	158	3	Argo PMEL	SBE41CP	10557	3	Drift ? Small jump ?	
ACML	5906014		STEPHEN RISER	2022/09/26	133		3	Argo UW	SBE41CP	9837	1	Drift		
ACML	5906096		GREGORY C. JOHNSON	2022/07/24	118	2022/11/01	128	3	Argo PMEL	SBE41CP	11157	1	Drift	PSAL 3,118,N/A
BOCD	1901865		Jon Turton	2022/08/21	224	2022/10/20	230	3	Argo UK	SBE41_V3	6637	1	Slight drift ?	
BOCD	1901873		Jon Turton	2022/07/12	219	2022/10/29	230	3	Argo UK	SBE41CP_V7.2.5	08117	1	Drift ?	
BOCD	1901925		Jon Turton	2022/08/20	55	2022/10/27	62	3	Argo UK	SBE41CP_V7.2.5	10909	1	Drift with large jump ASD	
BOCD	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
BOCD	3901964		Roman Cancouet	2022/09/22	218		3	ARGO MOCCA - EU	SBE41CP_V7.2.5	8607	1	Slight drift		
BOCD	6903752		Brian King	2022/09/03	64		3	Argo UK	RIBB_ARGO3	203419	3	Strange water at deepest levels ? Strange diagram TS for deep waters		
BOCD	6903753		Brian King	2020/12/19	1	2022/11/01	72	3	Argo UK	RIBB_ARGO3	203420	1	Drift - finally start at cycle 1 instead of cycle 12	
CORLIUS	3901870		Peter Brandt	2022/08/04	210	2022/11/04	219	3	ARGO MOCCA	SBE41CP_V7.2.5	8123	1	Slight drift ?	
CORLIUS	3902004		Violeta SLABAKOVA	2022/06/06	46	2022/10/31	75	3	Argo BULGARIA	SBE41CP_V7.2.5	13823	1	Slight drift	
CORLIUS	6901255		Pedro Velez	2022/10/02	129	2022/10/12	130	3	Argo SPAIN - IEO	SBE41CP	9920	1	Jump with ASD Drift ?	
CORLIUS	6902923		Sophie CRAVATTE	2022/08/26	128	2022/10/26	134	3	CORLIUS	SBE41CP_V7.2.5	10769	1	Slight drift ?	
CORLIUS	6903575		Kjell Arne Mork	2021/06/08	12	2022/10/26	113	3 & 4	Argo NORWAY	SBE41CP	12717	1	Drift, profile A ok but drift on profile D	
CSRO	5905036		Susan Wiffels	2022/10/01	238		3	Argo AUSTRALIA	SBE41CP_V7.2.5	7773	1	Slight drift ?		
INDOS	2902183		RAVICHANDRAN	2022/09/06	257	2022/10/25	262	3	Indian Argo	SBE41CP	7250	1	Slight drift	
INDOS	2902184		M Ravichandran	2021/11/70	222	2022/10/26	236	3	Indian Argo	SBE41CP	6674	1	Slight drift	
INDOS	2902185		M Ravichandran	2020/11/29	190	2022/10/30	257	3	Indian Argo	SBE41CP	6670	1	Slight drift	
INDOS	2902200		M Ravichandran	2022/05/24	228	2022/10/31	244	3	Indian Argo	SBE41	7649	1	Drift	
INDOS	2902201		M Ravichandran	2020/08/23	164	2022/10/22	243	3	Indian Argo	SBE41	7642	1	Drift	
INDOS	2902209		M Ravichandran	2019/03/10	92	2022/10/25	227	3 & 4	Indian Argo	SBE41CP	8353	1	rich region. cycle 109 (20190824) is 0.25 psu saltier than surrounding profiles	
INDOS	2902211		M Ravichandran	2020/02/22	162	2022/10/29	260	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)	
INDOS	2902222		M Ravichandran	2020/06/09	161	2022/11/01	212	3	Indian Argo	SBE41	6672	1	Drift	
INDOS	2902265		RAVICHANDRAN	2022/09/28	134	2022/10/28	137	3	Argo INDIA	SBE41CP	11193	1	Slight drift	
INDOS	2902267		M Ravichandran	2021/08/08	93	2022/10/22	137	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	2903606	JAMSTEC		2022/09/26	140	2022/10/23	143	3	Argo eq. JAMSTEC	SBE61_V5.0.2	5670	1	Drift	
JMA	2903627	JMA		2022/08/17	159	2022/09/26	167	3	Argo JMA	SBE41CP_V7.2.5	12032	1	Slight Drift	
JMA	4902376	JAMSTEC		2022/08/23	189	2022/10/02	191	3	Argo JAMSTEC	SBE41CP_V2	7051	1	Slight drift	
JMA	4902380	JAMSTEC		2022/08/14	147	2022/10/23	154	3	Argo JAMSTEC	SBE41CP_V7.2.5	9466	1	Slight drift	
JMA	4902986	JAMSTEC		2022/09/20	115		3	Argo JAMSTEC	SBE41CP_V7.2.5	11117	1	Drift		
JMA	5905219	JAMSTEC		2022/09/28	164	2022/10/18	166	3	Argo JAMSTEC	SBE41CP_V7.2.5	8370	1	Drift	
JMA	5905841	JAMSTEC		2022/08/29	135	2022/09/18	137	3	Argo JAMSTEC	SBE41CP_V7.2.5	10487	1	Slight Drift	
KMA	2901792	Kiyoung Kang -> Grey List ?		2022/01/22	116	2022/10/22	155	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	205	2022/10/18	207	3	Argo CANADA	SBE41CP	8988	1	Slight drift	
MEDS	4902443	Blair Greenan		2022/03/24	114	2022/10/24	135	3	Argo CANADA	SBE41CP	41CP-10472	1	Slight drift	
MEDS	4902444	Blair Greenan		2022/05/21	120	2022/10/31	136	3	Argo CANADA	SBE41CP	41CP-10473	1	Slight drift ? Comparing to neighbour, seems drifted	
MEDS	4902462	Blair Greenan		2021/07/31	90	2022/11/03	93	3	Argo CANADA	SBE41CP	41-10630	1	Slight drift	
<b>Floats on grey list since last month (from feedback and check of greylist index)</b>														
CORLIUS	3902010		T											



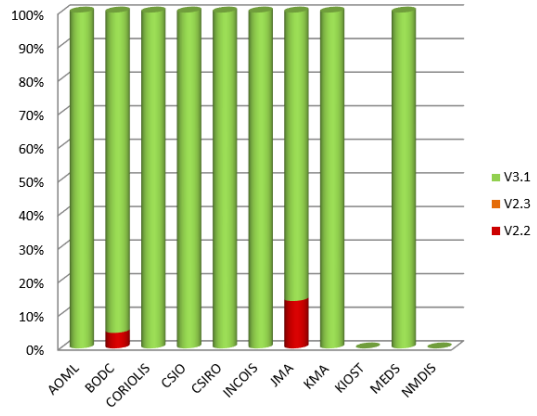
Plots showing format\_version percentage, for metadata-technical-trajectory and core profiles following dead or active floats.



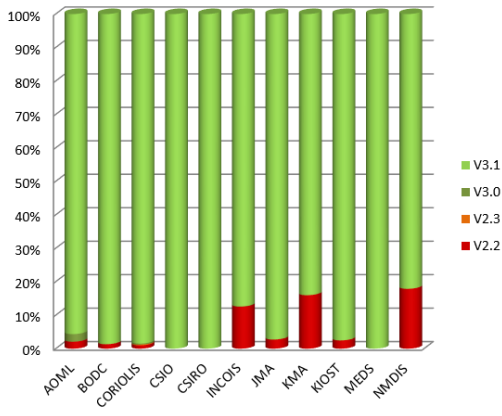
**Trajectory Files - Dead floats**



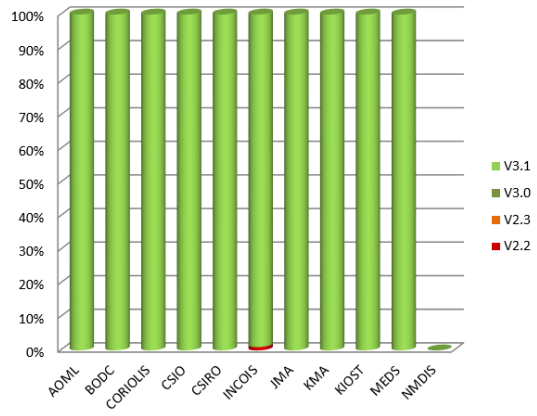
**Trajectory Files - Active floats**



**Profile files - Dead floats**

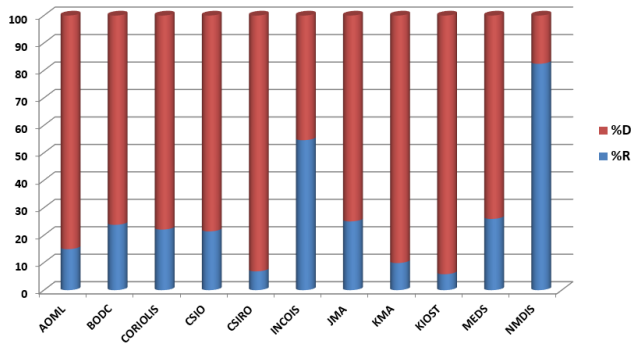


**Profile Files - Active floats**



**Delayed mode percentage by DAC**

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

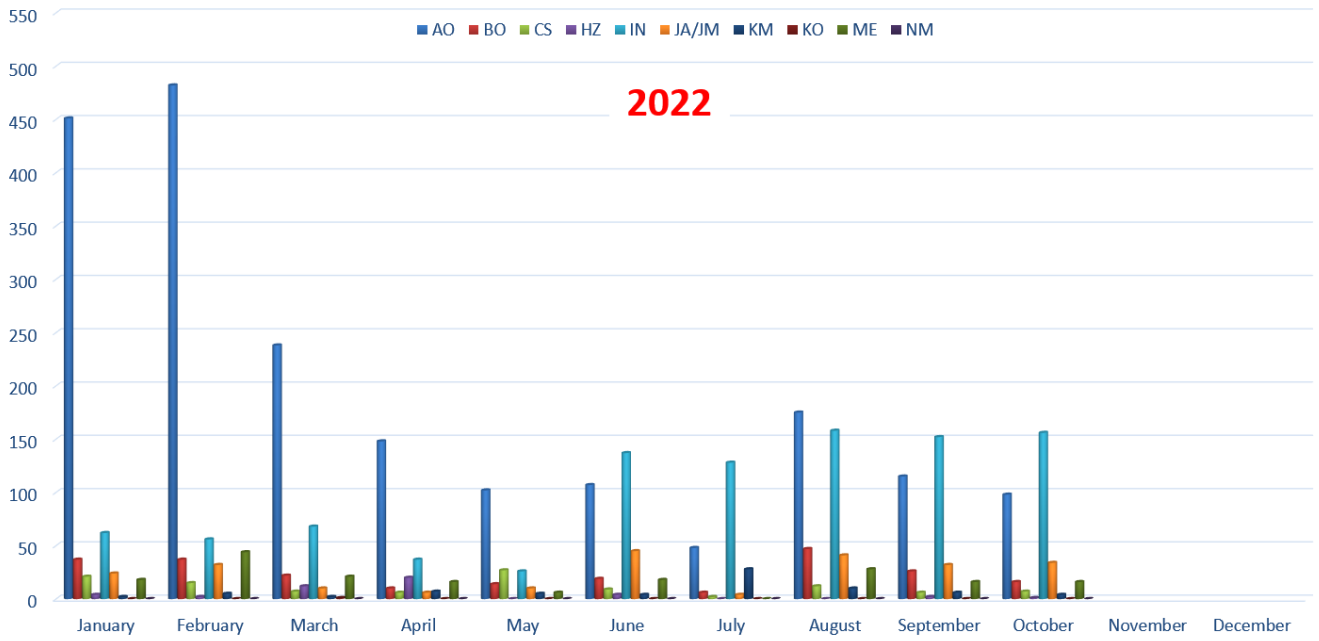


DACS	%R	%D
AOML	14,95	85,05
BODC	23,79	76,21
CORIOLIS	22,07	77,93
CSIO	21,40	78,60
CSIRO	6,85	93,15
INCOIS	54,62	45,38
JMA	25,04	74,96
KMA	9,88	90,12
KIOST	5,81	94,19
MEDS	25,95	74,05
NMDIS	82,44	17,56

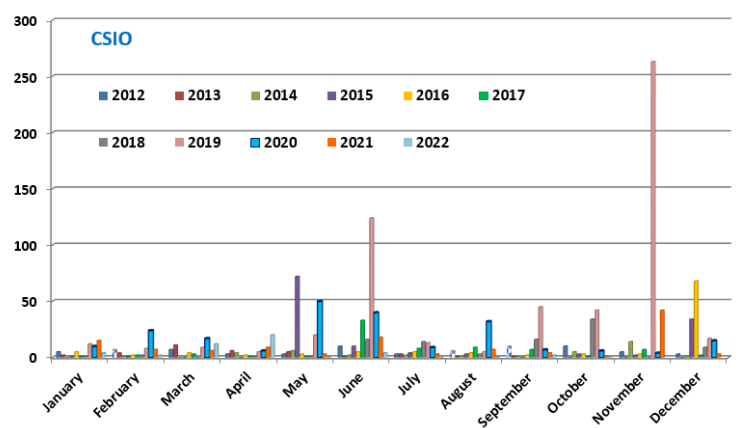
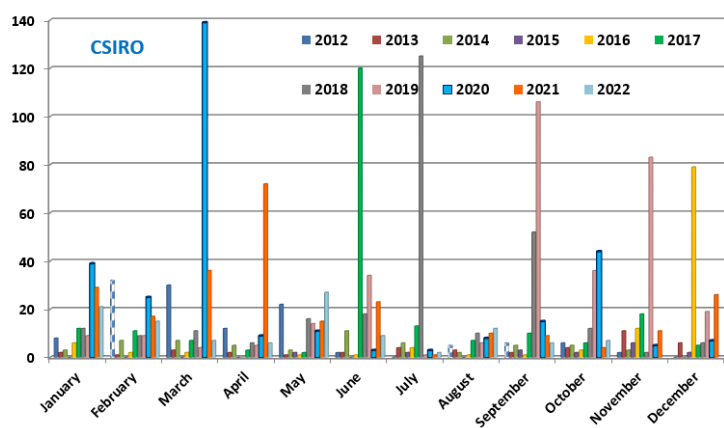
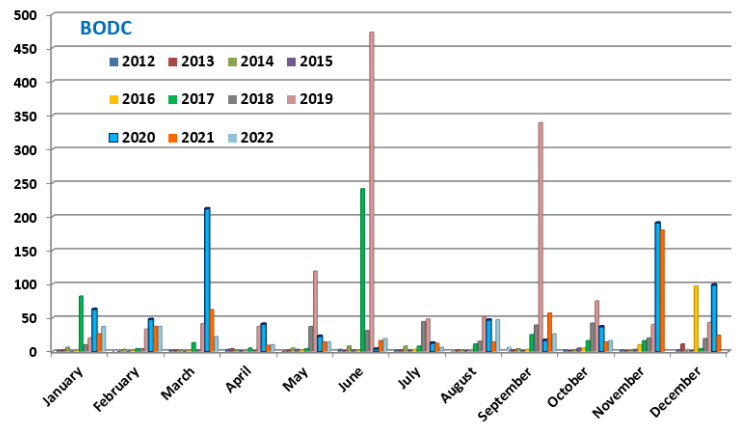
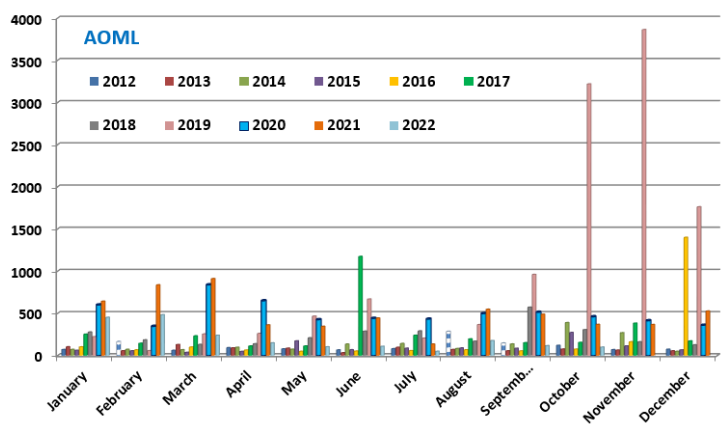
**3. Statistics on Anomalies**

Plots showing evolution of number of anomalies by DAC.

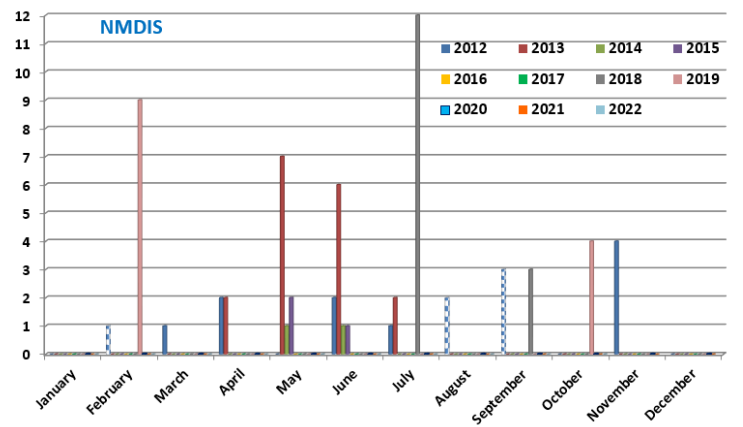
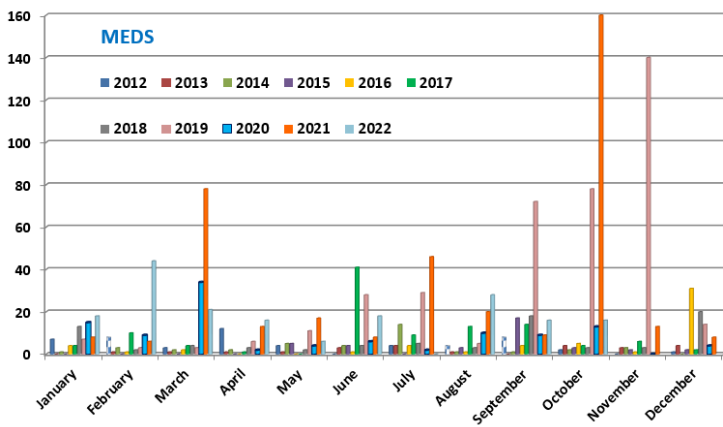
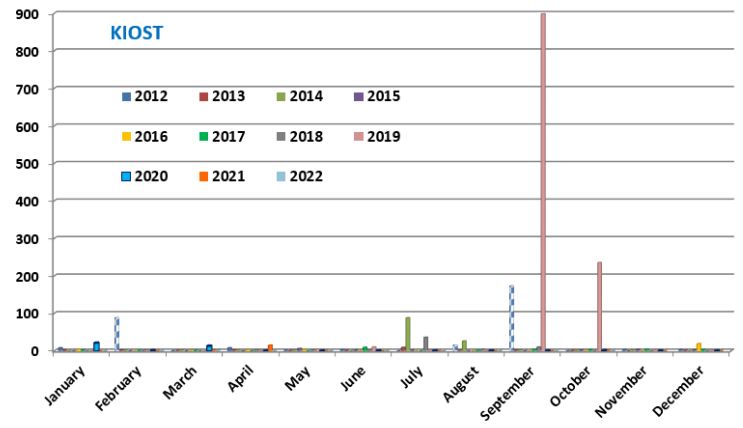
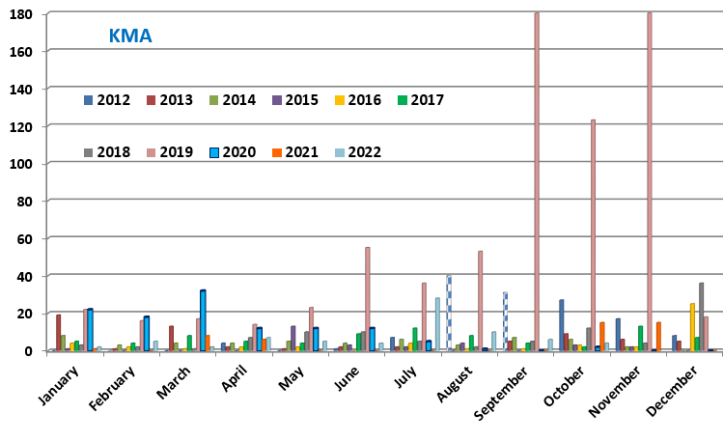
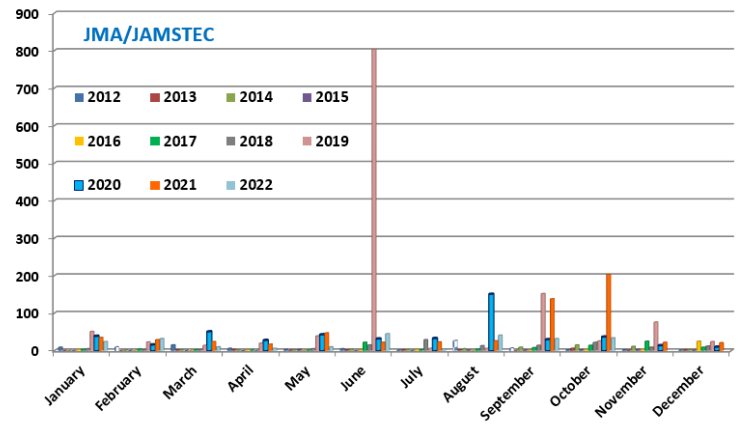
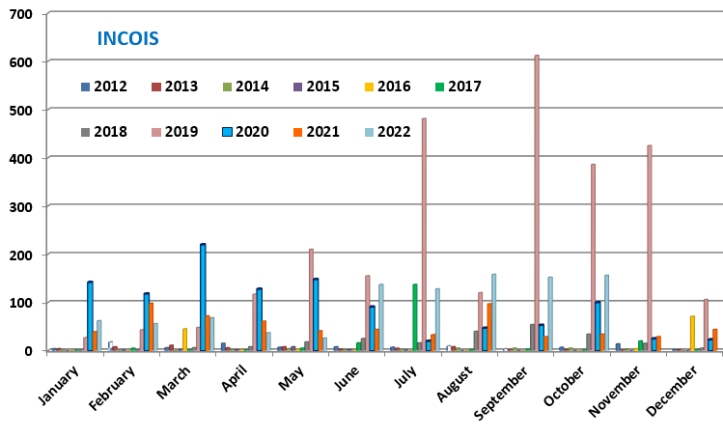
**3.1. Year**



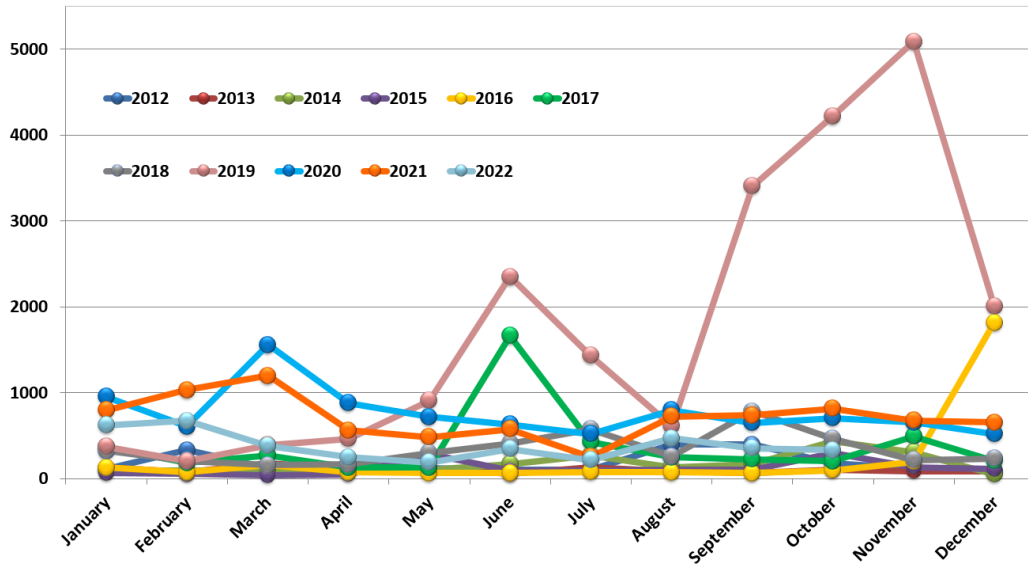
### 3.2. DAC







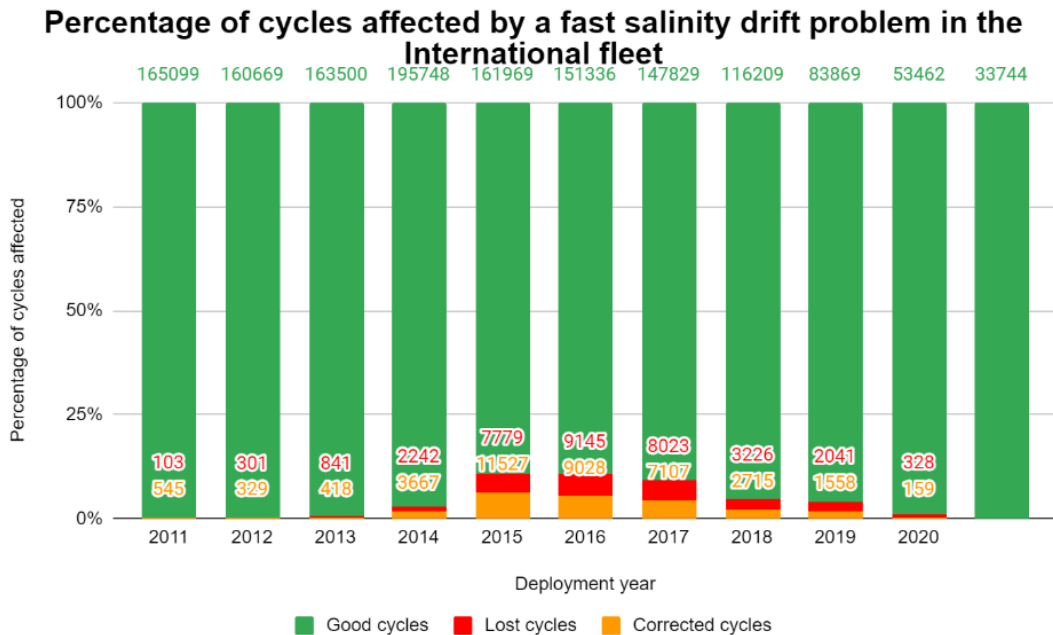
### 3.3. Anomalies by year, by month



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

Please have a look on the plot showing :

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



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

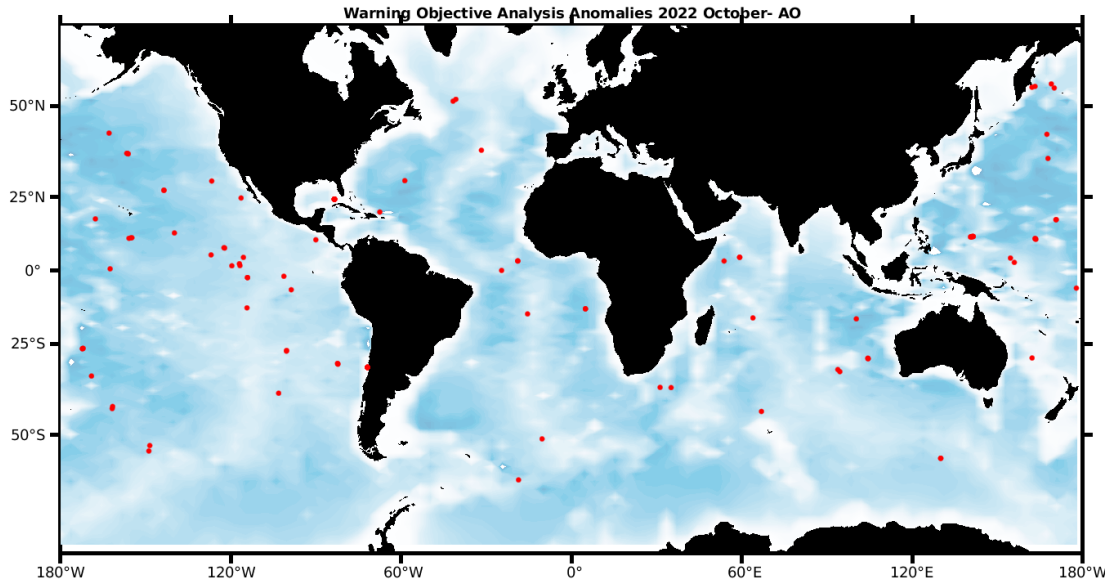
<https://docs.google.com/spreadsheets/d/1TA7SAnTiUvck7AyGtSTUq3gu9QFbVdONj9M9zAq8CJU/edit#gid=1096144849>

## 5. DAC Anomalies

### 5.1. DAC AOML

Profiles detected by the objective analysis: 98 profiles (62 floats but floats can have several cycles with anomalies)

Data_mode ='R'	Data_mode ='A'	Data_mode ='D'
14 cycles	77 cycles	7 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 : 1900438 - Cycle : 296 - PI : DR. CHARLIE HORTON - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 3808 - Date : 2010 6 30  
Float : 1901820 - Cycle : 236 - PI : BRECK OWENS, STEVEN JAYNE, P.E. ROBBINS - Data mode : A - Platform type : S2A - WMO inst type : 854 - FLOAT SERIAL : 7356 - Date : 2022 9 27  
Float : 1901831 - Cycle : 265 - PI : DEAN ROEMMICH - Data mode : R - Platform type : SOLO\_II - WMO inst type : 853 - FLOAT SERIAL : 8433 - Date : 2022 10 15  
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 : 1902050 - Cycle : 83 - PI : DEAN ROEMMICH, SARAH PURKEY, NATHALIE ZILBERMAN, JOHN GILSON - Data mode : R - Platform type : SOLO\_II - WMO inst type : 853 - FLOAT SERIAL : 8862 - Date : 2022 10 13  
Float : 1902056 - Cycle : 215 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : NAVIS\_A - WMO inst type : 863 - FLOAT SERIAL : 0681 - Date : 2022 10 7  
Float : 1902427 - Cycle : 28 - PI : SUSAN WIJFFELS, STEVEN JAYNE, PELLE ROBBINS - Data mode : R - Platform type : S2A - WMO inst type : 854 - FLOAT SERIAL : 7752 - Date : 2022 10 5  
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 : 3901284 - Cycle : 207 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : NAVIS\_A - WMO inst type : 863 - FLOAT SERIAL : 0713 - Date : 2022 10 2  
Float : 3901284 - Cycle : 208 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : NAVIS\_A - WMO inst type : 863 - FLOAT SERIAL : 0713 - Date : 2022 10 12  
Float : 3901284 - Cycle : 209 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : NAVIS\_A - WMO inst type : 863 - FLOAT SERIAL : 0713 - Date : 2022 10 22  
Float : 3901485 - Cycle : 180 - PI : DEAN ROEMMICH - Data mode : R - Platform type : SOLO\_II - WMO inst type : 853 - FLOAT SERIAL : 8598 - Date : 2022 9 20  
Float : 3902150 - Cycle : 134 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : SOLO\_D\_MRV - WMO inst type : 874 - FLOAT SERIAL : 12015 - Date : 2022 9 21  
Float : 3902150 - Cycle : 135 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : SOLO\_D\_MRV - WMO inst type : 874 - FLOAT SERIAL : 12015 - Date : 2022 10 1  
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 : 3902163 - Cycle : 126 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : SOLO\_D\_MRV - WMO inst type : 874 - FLOAT SERIAL : 12028 - Date : 2022 9 10  
Float : 3902163 - Cycle : 127 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : SOLO\_D\_MRV - WMO inst type : 874 - FLOAT SERIAL : 12028 - Date : 2022 9 19  
Float : 3902163 - Cycle : 128 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : SOLO\_D\_MRV - WMO inst type : 874 - FLOAT SERIAL : 12028 - Date : 2022 9 29  
Float : 3902174 - Cycle : 107 - PI : DEAN ROEMMICH - Data mode : R - Platform type : SOLO\_II - WMO inst type : 853 - FLOAT SERIAL : 8821 - Date : 2022 10 8  
Float : 4901656 - Cycle : 292 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : NAVIS\_A - WMO inst type : 863 - FLOAT SERIAL : 0335 - Date : 2022 10 2  
Float : 4901656 - Cycle : 293 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : NAVIS\_A - WMO inst type : 863 - FLOAT SERIAL : 0335 - Date : 2022 10 12  
Float : 4901656 - Cycle : 294 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : NAVIS\_A - WMO inst type : 863 - FLOAT SERIAL : 0335 - Date : 2022 10 22  
Float : 4902079 - Cycle : 273 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : NAVIS\_A - WMO inst type : 863 - FLOAT SERIAL : 0461 - Date : 2022 10 18  
Float : 4902088 - Cycle : 264 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : NAVIS\_A - WMO inst type : 863 - FLOAT SERIAL : 0538 - Date : 2022 10 8  
Float : 4902088 - Cycle : 265 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : NAVIS\_A - WMO inst type : 863 - FLOAT SERIAL : 0538 - Date : 2022 10 18  
Float : 4902921 - Cycle : 185 - PI : BRECK OWENS, STEVEN JAYNE, P.E. ROBBINS - Data mode : R - Platform type : S2A - WMO inst type : 854 - FLOAT SERIAL : 10092 - Date : 2022 10 2  
Float : 4902937 - Cycle : 195 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : NAVIS\_A - WMO inst type : 863 - FLOAT SERIAL : 0779 - Date : 2022 10 13  
Float : 4902947 - Cycle : 190 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : NAVIS\_A - WMO inst type : 863 - FLOAT SERIAL : 0820 - Date : 2022 10 10  
Float : 4902947 - Cycle : 191 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : NAVIS\_A - WMO inst type : 863 - FLOAT SERIAL : 0820 - Date : 2022 10 20  
Float : 4902999 - Cycle : 163 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : NAVIS\_A - WMO inst type : 863 - FLOAT SERIAL : 0874 - Date : 2022 10 10

Float : 4902999 - Cycle : 164 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : NAVIS\_A - WMO inst type : 863 - FLOAT SERIAL : 0874 - Date : 2022 10 20

Float : 4903183 - Cycle : 145 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : NAVIS\_A - WMO inst type : 863 - FLOAT SERIAL : 0977 - Date : 2022 10 14

Float : 4903278 - Cycle : 152 - PI : AMY BOWER, STEVEN JAYNE, HEATHER FUREY - Data mode : A - Platform type : S2A - WMO inst type : 854 - FLOAT SERIAL : 7543 - Date : 2022 9 21

Float : 4903278 - Cycle : 153 - PI : AMY BOWER, STEVEN JAYNE, HEATHER FUREY - Data mode : A - Platform type : S2A - WMO inst type : 854 - FLOAT SERIAL : 7543 - Date : 2022 9 26

Float : 4903278 - Cycle : 154 - PI : AMY BOWER, STEVEN JAYNE, HEATHER FUREY - Data mode : A - Platform type : S2A - WMO inst type : 854 - FLOAT SERIAL : 7543 - Date : 2022 10 1

Float : 4903278 - Cycle : 155 - PI : AMY BOWER, STEVEN JAYNE, HEATHER FUREY - Data mode : A - Platform type : S2A - WMO inst type : 854 - FLOAT SERIAL : 7543 - Date : 2022 10 5

Float : 4903278 - Cycle : 156 - PI : AMY BOWER, STEVEN JAYNE, HEATHER FUREY - Data mode : A - Platform type : S2A - WMO inst type : 854 - FLOAT SERIAL : 7543 - Date : 2022 10 10

Float : 4903278 - Cycle : 157 - PI : AMY BOWER, STEVEN JAYNE, HEATHER FUREY - Data mode : A - Platform type : S2A - WMO inst type : 854 - FLOAT SERIAL : 7543 - Date : 2022 10 15

Float : 4903278 - Cycle : 158 - PI : AMY BOWER, STEVEN JAYNE, HEATHER FUREY - Data mode : A - Platform type : S2A - WMO inst type : 854 - FLOAT SERIAL : 7543 - Date : 2022 10 20

Float : 4903278 - Cycle : 159 - PI : AMY BOWER, STEVEN JAYNE, HEATHER FUREY - Data mode : A - Platform type : S2A - WMO inst type : 854 - FLOAT SERIAL : 7543 - Date : 2022 10 25

Float : 4903386 - Cycle : 23 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : NAVIS\_A - WMO inst type : 863 - FLOAT SERIAL : 1421 - Date : 2022 10 19

Float : 4903475 - Cycle : 3 - PI : SUSAN WIJFFELS, STEVEN JAYNE, PELLE ROBBINS - Data mode : R - Platform type : S2A - WMO inst type : 854 - FLOAT SERIAL : 7730 - Date : 2022 10 13

Float : 5902382 - Cycle : 319 - PI : DEAN ROEMMICH - Data mode : A - Platform type : SOLO\_II - WMO inst type : 853 - FLOAT SERIAL : 8325 - Date : 2022 10 24

Float : 5902484 - Cycle : 224 - PI : DEAN ROEMMICH - Data mode : A - Platform type : SOLO\_II - WMO inst type : 853 - FLOAT SERIAL : 8476 - Date : 2022 8 12

Float : 5902484 - Cycle : 230 - PI : DEAN ROEMMICH - Data mode : A - Platform type : SOLO\_II - WMO inst type : 853 - FLOAT SERIAL : 8476 - Date : 2022 9 22

Float : 5902516 - Cycle : 219 - PI : DEAN ROEMMICH - Data mode : R - Platform type : SOLO\_II - WMO inst type : 853 - FLOAT SERIAL : 8526 - Date : 2022 9 23

Float : 5902516 - Cycle : 220 - PI : DEAN ROEMMICH - Data mode : R - Platform type : SOLO\_II - WMO inst type : 853 - FLOAT SERIAL : 8526 - Date : 2022 10 3

Float : 5902516 - Cycle : 221 - PI : DEAN ROEMMICH - Data mode : R - Platform type : SOLO\_II - WMO inst type : 853 - FLOAT SERIAL : 8526 - Date : 2022 10 13

Float : 5902516 - Cycle : 222 - PI : DEAN ROEMMICH - Data mode : R - Platform type : SOLO\_II - WMO inst type : 853 - FLOAT SERIAL : 8526 - Date : 2022 10 23

Float : 5904056 - Cycle : 315 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : NAVIS\_A - WMO inst type : 863 - FLOAT SERIAL : 0304 - Date : 2022 10 17

Float : 5904288 - Cycle : 305 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : NAVIS\_A - WMO inst type : 863 - FLOAT SERIAL : 0318 - Date : 2022 10 17

Float : 5904559 - Cycle : 290 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : NAVIS\_A - WMO inst type : 863 - FLOAT SERIAL : 0407 - Date : 2022 10 18

Float : 5904649 - Cycle : 257 - PI : STEPHEN RISER - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7352 - Date : 2022 10 1

Float : 5904649 - Cycle : 258 - PI : STEPHEN RISER - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7352 - Date : 2022 10 11

Float : 5904649 - Cycle : 259 - PI : STEPHEN RISER - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7352 - Date : 2022 10 21

Float : 5904725 - Cycle : 159 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : NAVIS\_A - WMO inst type : 863 - FLOAT SERIAL : 0552 - Date : 2022 10 4

Float : 5904771 - Cycle : 234 - PI : STEPHEN RISER - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7391 - Date : 2022 10 4

Float : 5904771 - Cycle : 236 - PI : STEPHEN RISER - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7391 - Date : 2022 10 24

Float : 5904782 - Cycle : 223 - PI : STEPHEN RISER - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7663 - Date : 2022 10 6

Float : 5904782 - Cycle : 224 - PI : STEPHEN RISER - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7663 - Date : 2022 10 16

Float : 5904804 - Cycle : 214 - PI : STEPHEN RISER - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7619 - Date : 2022 10 11

Float : 5904816 - Cycle : 218 - PI : STEPHEN RISER - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7639 - Date : 2022 9 29

Float : 5904816 - Cycle : 219 - PI : STEPHEN RISER - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7639 - Date : 2022 10 9

Float : 5904816 - Cycle : 220 - PI : STEPHEN RISER - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7639 - Date : 2022 10 19

Float : 5904867 - Cycle : 217 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : NAVIS\_A - WMO inst type : 863 - FLOAT SERIAL : 0719 - Date : 2022 10 18

Float : 5905154 - Cycle : 179 - PI : STEPHEN RISER - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7858 - Date : 2022 10 8

Float : 5905154 - Cycle : 180 - PI : STEPHEN RISER - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7858 - Date : 2022 10 18

Float : 5905715 - Cycle : 154 - PI : DEAN ROEMMICH - Data mode : R - Platform type : SOLO\_II - WMO inst type : 853 - FLOAT SERIAL : 8700 - Date : 2022 10 25

Float : 5905731 - Cycle : 158 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : NAVIS\_A - WMO inst type : 863 - FLOAT SERIAL : 0859 - Date : 2022 10 11

Float : 5905742 - Cycle : 156 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : NAVIS\_A - WMO inst type : 863 - FLOAT SERIAL : 0937 - Date : 2022 10 5

Float : 5905742 - Cycle : 157 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : NAVIS\_A - WMO inst type : 863 - FLOAT SERIAL : 0937 - Date : 2022 10 15

Float : 5905742 - Cycle : 158 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : NAVIS\_A - WMO inst type : 863 - FLOAT SERIAL : 0937 - Date : 2022 10 25

Float : 5905793 - Cycle : 133 - PI : DEAN ROEMMICH - Data mode : A - Platform type : SOLO\_II - WMO inst type : 853 - FLOAT SERIAL : 8767 - Date : 2022 10 14

Float : 5905793 - Cycle : 134 - PI : DEAN ROEMMICH - Data mode : A - Platform type : SOLO\_II - WMO inst type : 853 - FLOAT SERIAL : 8767 - Date : 2022 10 24

Float : 5905967 - Cycle : 154 - PI : STEPHEN RISER - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7717 - Date : 2022 10 25

Float : 5905970 - Cycle : 108 - PI : STEPHEN RISER, KENNETH JOHNSON - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7936 - Date : 2021 7 26

Float : 5906018 - Cycle : 243 - PI : STEPHEN RISER - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 3424 - Date : 2022 10 23

Float : 5906035 - Cycle : 125 - PI : STEPHEN RISER, KENNETH JOHNSON - Data mode : A - Platform type : NAVIS\_A - WMO inst type : 863 - FLOAT SERIAL : 0888 - Date : 2022 10 3

Float : 5906044 - Cycle : 194 - PI : STEPHEN RISER, KENNETH JOHNSON - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 8333 - Date : 2022 7 6

Float : 5906096 - Cycle : 125 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : NAVIS\_A - WMO inst type : 863 - FLOAT SERIAL : 1010 - Date : 2022 10 2

Float : 5906096 - Cycle : 126 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : NAVIS\_A - WMO inst type : 863 - FLOAT SERIAL : 1010 - Date : 2022 10 12

Float : 5906096 - Cycle : 127 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : NAVIS\_A - WMO inst type : 863 - FLOAT SERIAL : 1010 - Date : 2022 10 22

Float : 5906172 - Cycle : 103 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : NAVIS\_A - WMO inst type : 863 - FLOAT SERIAL : 1043 - Date : 2022 10 13

Float : 5906190 - Cycle : 82 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : NAVIS\_A - WMO inst type : 863 - FLOAT SERIAL : 1177 - Date : 2022 10 5

Float : 5906350 - Cycle : 76 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : NAVIS\_A - WMO inst type : 863 - FLOAT SERIAL : 1198 - Date : 2022 10 22

Float : 5906371 - Cycle : 58 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : NAVIS\_A - WMO inst type : 863 - FLOAT SERIAL : 1270 - Date : 2022 10 14

Float : 5906410 - Cycle : 66 - PI : DEAN ROEMMICH, SARAH PURKEY, NATHALIE ZILBERMAN, JOHN GILSON - Data mode : R - Platform type : SOLO\_II - WMO inst type : 853 - FLOAT SERIAL : 8911 - Date : 2022 9 26

Float : 5906480 - Cycle : 41 - PI : STEPHEN RISER - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 9121 - Date : 2022 9 3

Float : 5906667 - Cycle : 41 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : NAVIS\_A - WMO inst type : 863 - FLOAT SERIAL : 1290 - Date : 2022 10 14

Float : 5906671 - Cycle : 47 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : NAVIS\_A - WMO inst type : 863 - FLOAT SERIAL : 1297 - Date : 2022 10 17

Float : 5906753 - Cycle : 42 - PI : SARAH PURKEY, DEAN ROEMMICH, NATHALIE ZILBERMAN, JOHN GILSON - Data mode : R - Platform type : SOLO\_II - WMO inst type : 853 - FLOAT SERIAL : 8988 - Date : 2022 9 24

**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 : 3902168 - Cycle : 101 - PI : WIJFFELS, JAYNE, ROBBINS - Data mode : D - Platform type : S2A - WMO inst type : 854 - FLOAT SERIAL : 7587 - Date : 2022 4 19

Float : 4902911 - Cycle : 154 - PI : BRECK OWENS, STEVEN JAYNE, P.E. ROBBINS - Data mode : D - Platform type : S2A - WMO inst type : 854 - FLOAT SERIAL : 7423 - Date : 2021 5 20

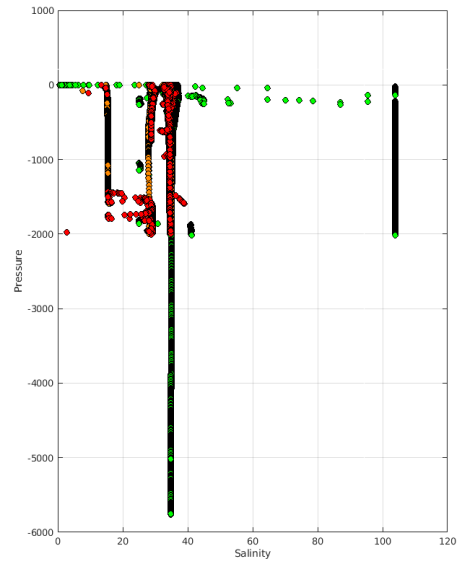
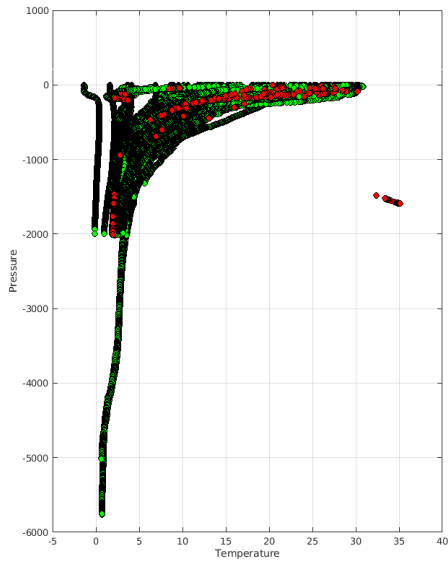
Float : 5901740 - Cycle : 166 - PI : Stephen Riser - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 3576 - Date : 2011 5 22

Float : 5905266 - Cycle : 15 - PI : PHIL SUTTON - Data mode : D - Platform type : SOLO\_II - WMO inst type : 853 - FLOAT SERIAL : 8599 - Date : 2018 4 6

Float : 5905267 - Cycle : 51 - PI : DEAN ROEMMICH - Data mode : D - Platform type : SOLO\_II - WMO inst type : 853 - FLOAT SERIAL : 8561 - Date : 2019 2 13

Float : 5905267 - Cycle : 53 - PI : DEAN ROEMMICH - Data mode : D - Platform type : SOLO\_II - WMO inst type : 853 - FLOAT SERIAL : 8561 - Date : 2019 3 5

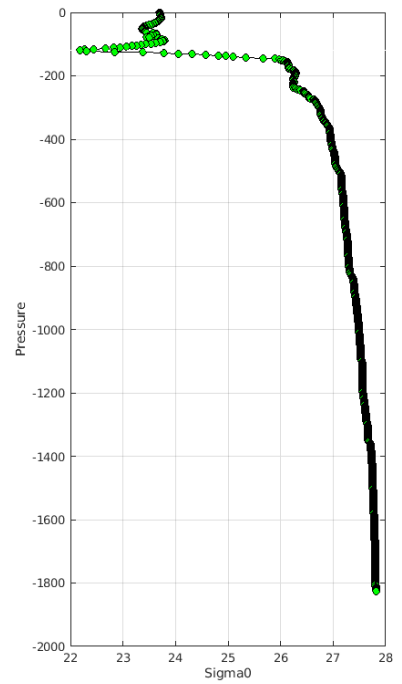
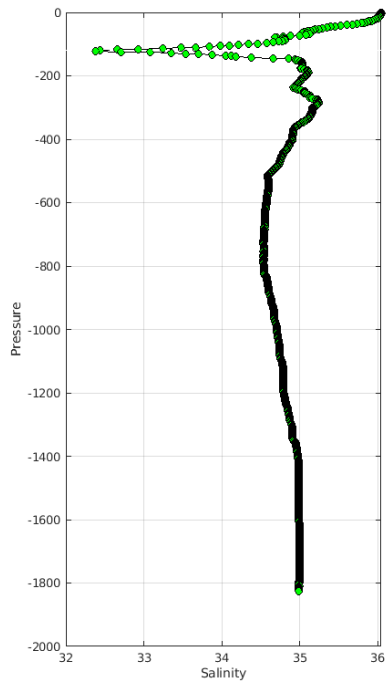
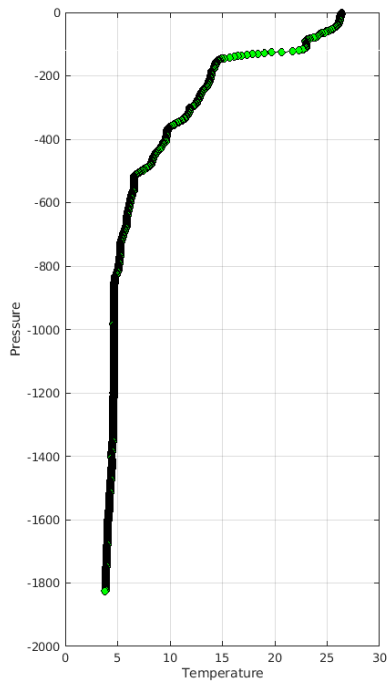
Float : 5905267 - Cycle : 143 - PI : DEAN ROEMMICH - Data mode : D - Platform type : SOLO\_II - WMO inst type : 853 - FLOAT SERIAL : 8561 - Date : 2021 8 21

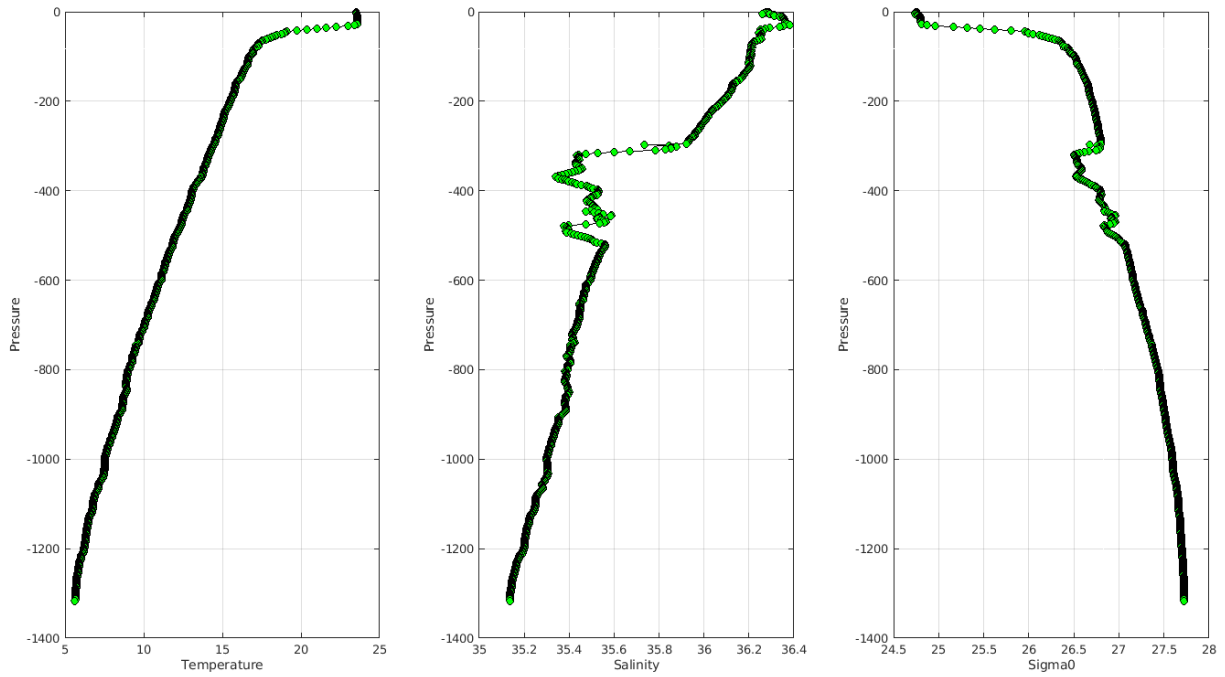


The list of the anomalies can be found at <https://data-argo.ifremer.fr/etc/ObjectiveAnalysisWarning/aoml/>

Example of anomalies:

**Warning Objective Analysis Anomalies 2022 October TEMP PSAL : DAC AO- Float 1901820 - 236**





**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, .....

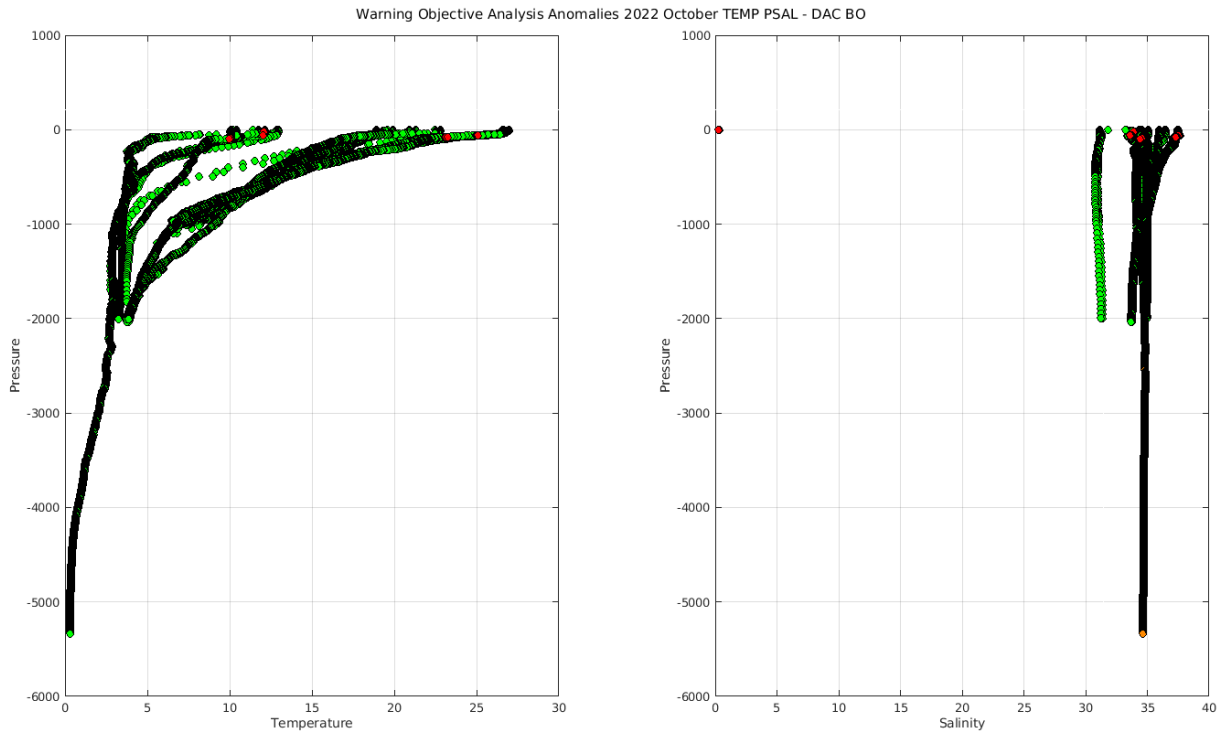
PI\_name = GREGORY C. JOHNSON - Float 4903172 cycle 7 to cycle 46

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

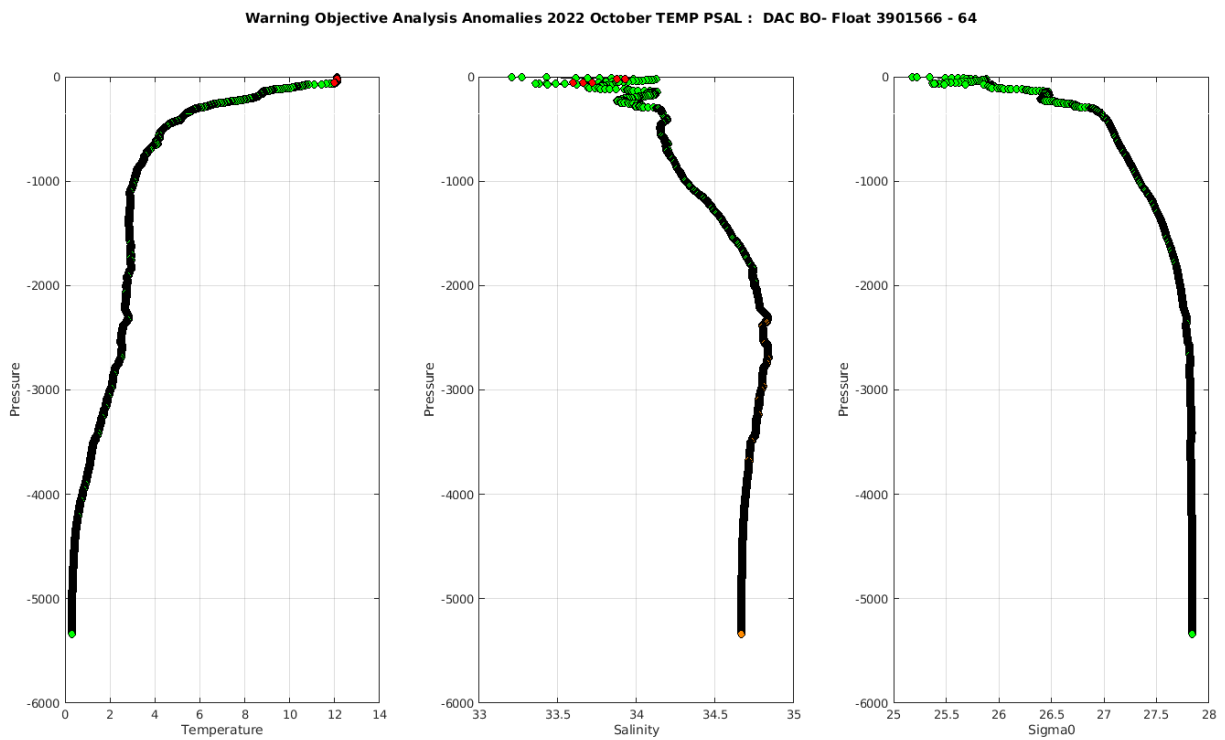
For instance cycle 92 PSAL\_ADJUSTED\_ERROR = 2011706.750, 2010896.625, 2012649.000, 2023217.000,





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

Example of anomalies:



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

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



D6901129_219.nc	PRES =								
D6901129_225.nc	823.8,	nan,	nan,	nan,	nan,	nan,	nan,	nan,	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, ....)

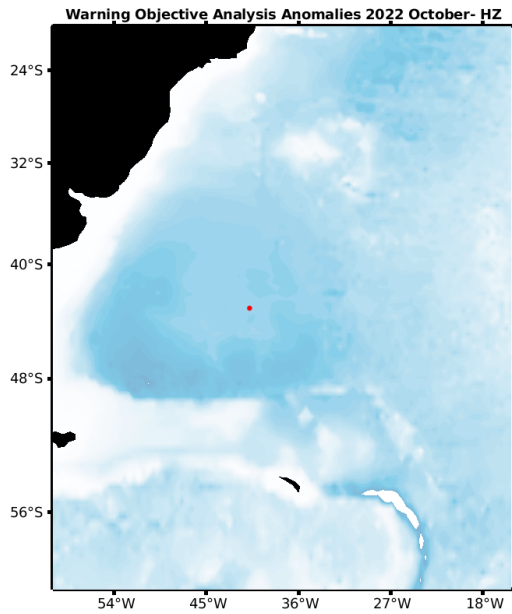
<a href="#">D6901181_350.nc</a>	17-May-2019 16:39 242K	<a href="#">R6901181_011.nc</a>	03-Jun-2022 13:37 150K
<a href="#">D6901181_351.nc</a>	17-May-2019 16:39 240K	<a href="#">R6901181_011D.nc</a>	03-Jun-2022 13:37 146K
<a href="#">D6901181_352.nc</a>	17-May-2019 16:39 243K	<a href="#">R6901181_012.nc</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: 1 profile (1 float but floats can have several cycles with anomalies)

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

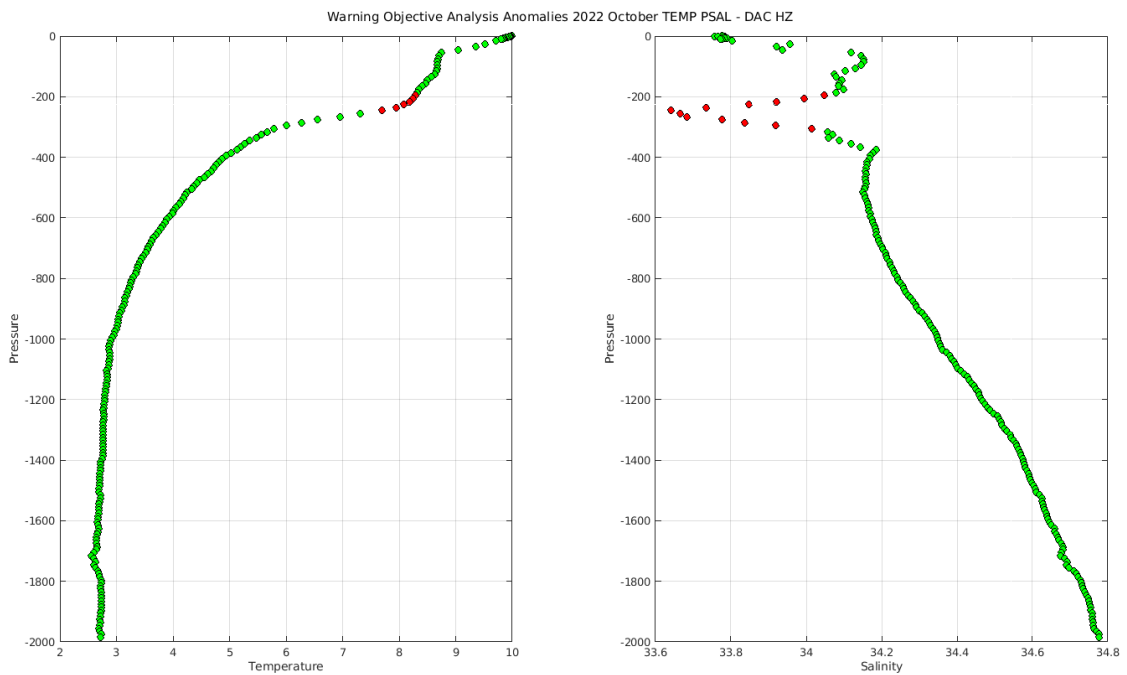


**Status of corrections:** No regular feedback, corrections seem done. Feedback for DM profiles.

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

Float : 2902835 - Cycle : 31 - PI : YU ZHANG - Data mode : A - Platform type : PROVOR - WMO inst type : 841 - FLOAT SERIAL : P32826-18CH015 - Date : 2022 10 13

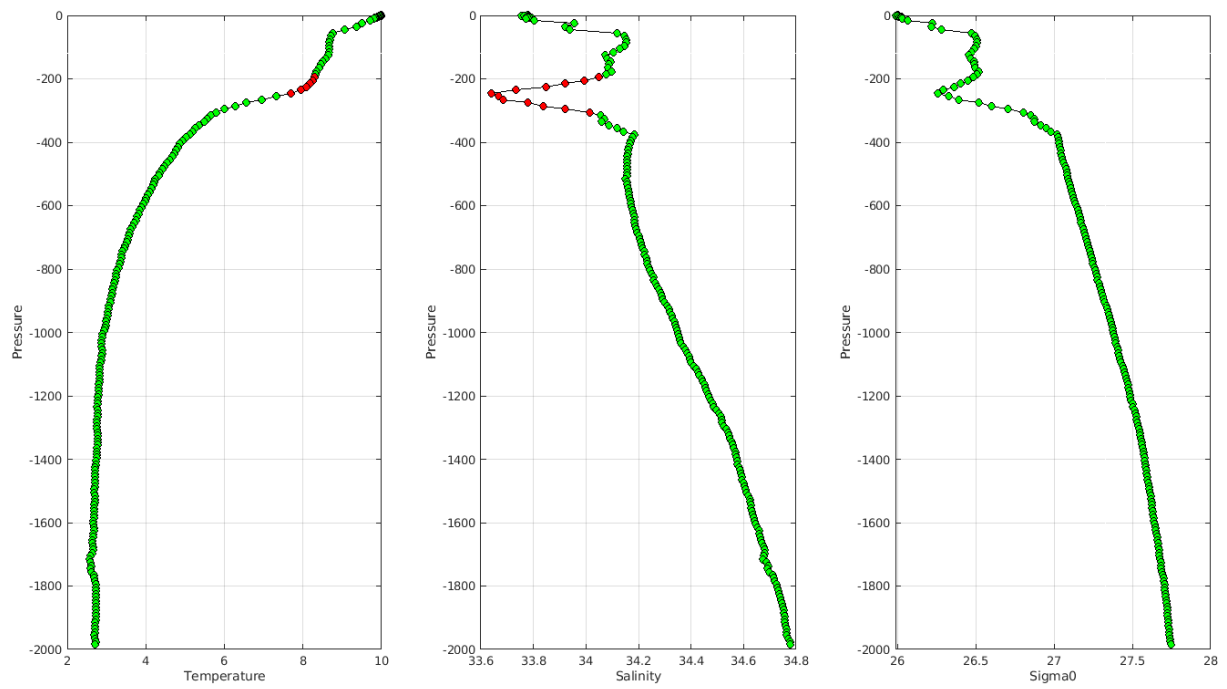
Files data\_mode='D'



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

Example of anomalies:

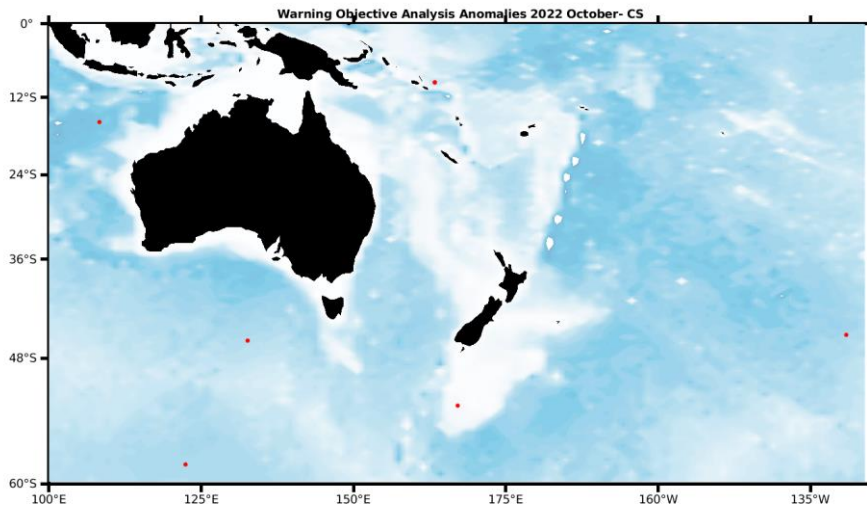
Warning Objective Analysis Anomalies 2022 October TEMP PSAL : DAC HZ- Float 2902835 - 31



5.4. DAC CSIRO

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

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

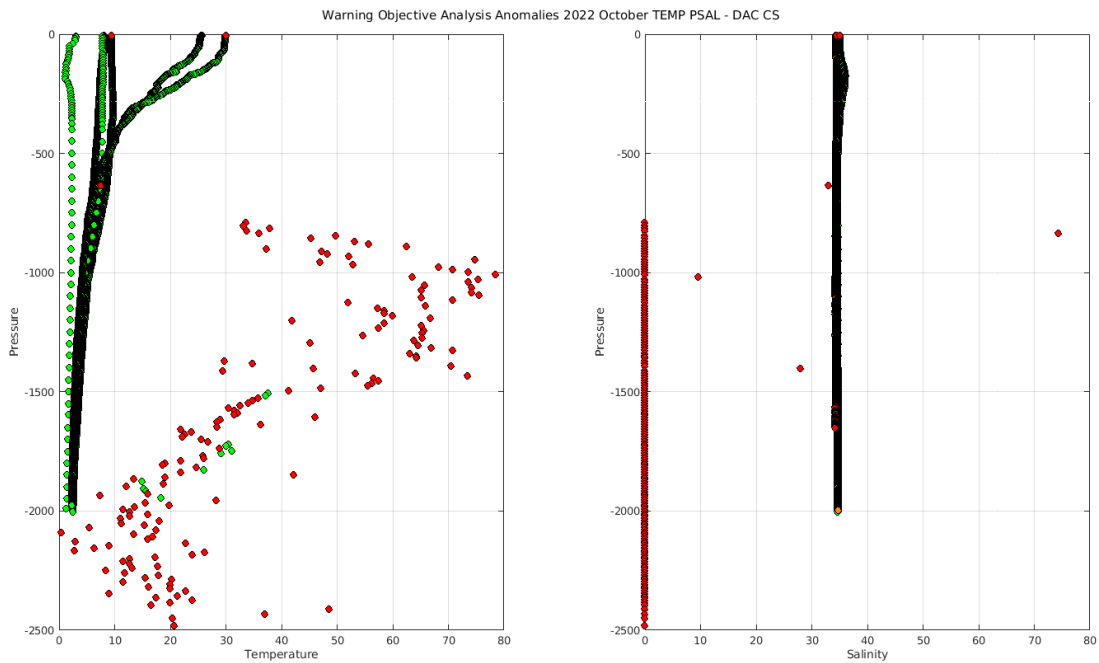


**Status of corrections: Corrections done or in progress, regular feedback.**

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

- Float : 5905036 - Cycle : 238 - PI : Susan Wijffels - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7610 - Date : 2022 10 1
- Float : 5905211 - Cycle : 181 - PI : Peter Oke - Data mode : A - Platform type : NAVIS\_EBR - WMO inst type : 869 - FLOAT SERIAL : 806 - Date : 2022 10 20
- Float : 5905452 - Cycle : 71 - PI : Peter Oke - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 8845 - Date : 2021 12 25
- Float : 5906628 - Cycle : 62 - PI : Peter Oke - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 9035 - Date : 2022 10 7
- Float : 5906630 - Cycle : 62 - PI : Steve Rintoul - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 9030 - Date : 2022 10 20
- Float : 5906657 - Cycle : 34 - PI : Peter Oke - Data mode : A - Platform type : NAVIS\_EBR - WMO inst type : 869 - FLOAT SERIAL : 1232 - Date : 2022 10 20
- 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

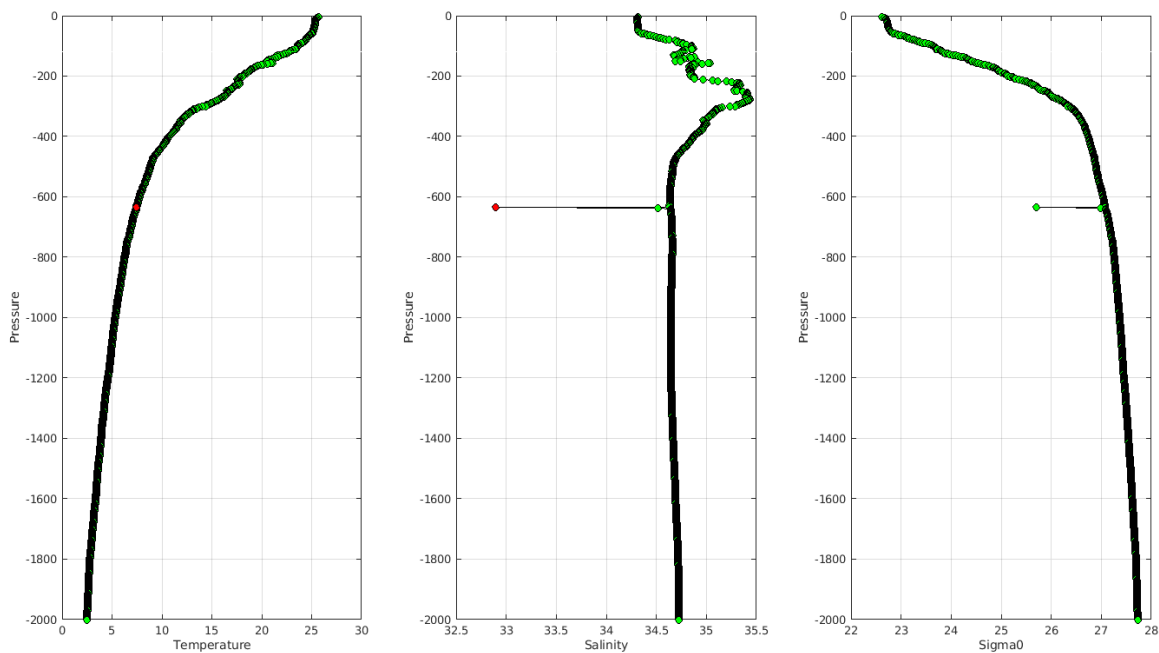
Files data\_mode='D'



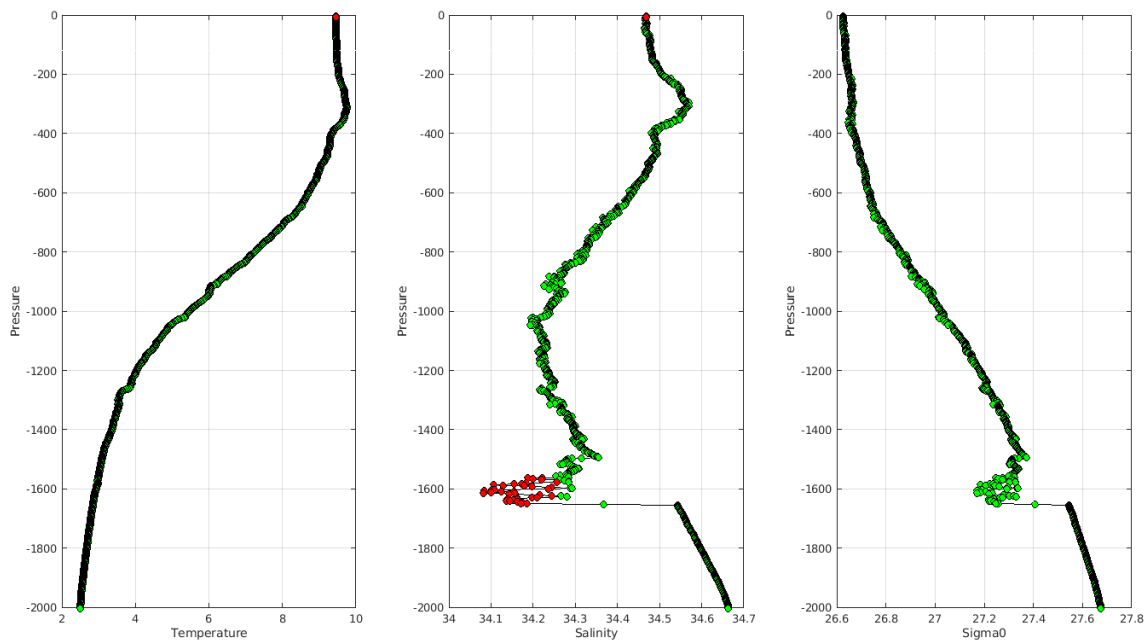
The list of the anomalies can be found at <https://data-argo.ifremer.fr/etc/ObjectiveAnalysisWarning/csiro/>

Example of anomalies:

Warning Objective Analysis Anomalies 2022 October TEMP PSAL : DAC CS- Float 5905211 - 181



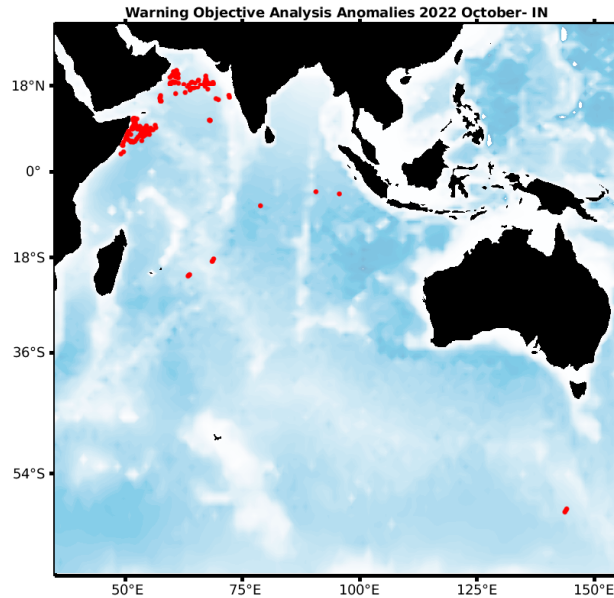
Warning Objective Analysis Anomalies 2022 October TEMP PSAL : DAC CS- Float 5906628 - 62



## 5.5. DAC INCOIS

Profiles detected by the objective analysis: 156 profiles (16 floats but floats can have several cycles with anomalies)

Data_mode ='R'	Data_mode ='A'	Data_mode ='D'
156 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.**

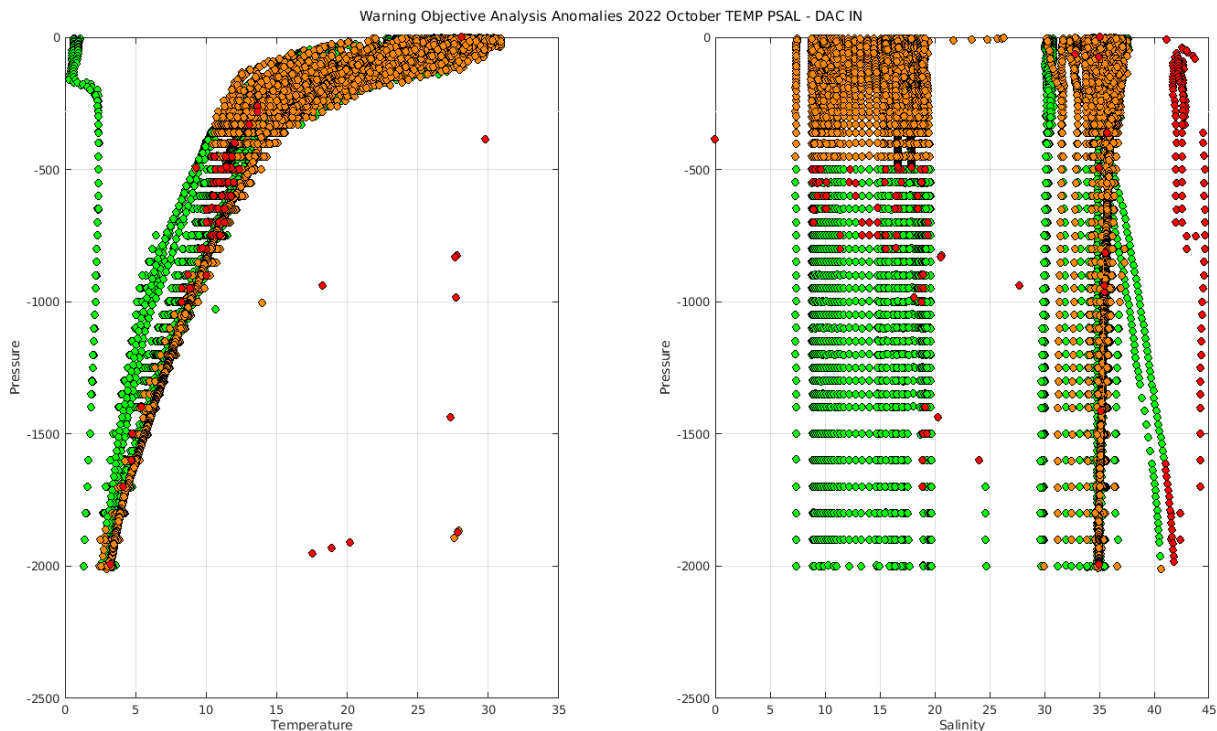
### Files data\_mode='R'/'A'

Float : 2902174 - Cycle : 169 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7124 - Date : 2016	1	19
Float : 2902174 - Cycle : 205 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7124 - Date : 2017	1	5
Float : 2902183 - Cycle : 259 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7522 - Date : 2022	9	26
Float : 2902184 - Cycle : 254 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7534 - Date : 2022	9	26
Float : 2902184 - Cycle : 255 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7534 - Date : 2022	10	6
Float : 2902184 - Cycle : 256 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7534 - Date : 2022	10	16
Float : 2902185 - Cycle : 254 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7530 - Date : 2022	9	30
Float : 2902185 - Cycle : 255 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7530 - Date : 2022	10	10
Float : 2902185 - Cycle : 256 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7530 - Date : 2022	10	20
Float : 2902200 - Cycle : 241 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7543 - Date : 2022	10	2
Float : 2902200 - Cycle : 242 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7543 - Date : 2022	10	11
Float : 2902200 - Cycle : 243 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7543 - Date : 2022	10	21
Float : 2902201 - Cycle : 241 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7542 - Date : 2022	10	2
Float : 2902201 - Cycle : 242 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7542 - Date : 2022	10	12
Float : 2902201 - Cycle : 243 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7542 - Date : 2022	10	22
Float : 2902209 - Cycle : 113 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7826 - Date : 2019	10	3
Float : 2902209 - Cycle : 139 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7826 - Date : 2020	6	14
Float : 2902209 - Cycle : 140 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7826 - Date : 2020	6	24
Float : 2902209 - Cycle : 141 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7826 - Date : 2020	7	4
Float : 2902209 - Cycle : 142 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7826 - Date : 2020	7	14
Float : 2902209 - Cycle : 143 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7826 - Date : 2020	7	23
Float : 2902209 - Cycle : 144 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7826 - Date : 2020	8	2
Float : 2902209 - Cycle : 145 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7826 - Date : 2020	8	12
Float : 2902209 - Cycle : 146 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7826 - Date : 2020	8	22
Float : 2902209 - Cycle : 147 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7826 - Date : 2020	8	31
Float : 2902209 - Cycle : 148 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7826 - Date : 2020	9	10
Float : 2902209 - Cycle : 149 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7826 - Date : 2020	9	20
Float : 2902209 - Cycle : 150 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7826 - Date : 2020	9	30
Float : 2902209 - Cycle : 152 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7826 - Date : 2020	10	19
Float : 2902209 - Cycle : 153 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7826 - Date : 2020	10	29
Float : 2902209 - Cycle : 155 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7826 - Date : 2020	11	18
Float : 2902209 - Cycle : 157 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7826 - Date : 2020	12	7
Float : 2902209 - Cycle : 158 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7826 - Date : 2020	12	17
Float : 2902209 - Cycle : 159 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7826 - Date : 2020	12	27



Float : 2902211 - Cycle : 188 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7827 - Date : 2020 11 8  
 Float : 2902211 - Cycle : 192 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7827 - Date : 2020 12 18  
 Float : 2902211 - Cycle : 194 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7827 - Date : 2021 1 7  
 Float : 2902211 - Cycle : 197 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7827 - Date : 2021 2 6  
 Float : 2902211 - Cycle : 199 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7827 - Date : 2021 2 26  
 Float : 2902211 - Cycle : 201 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7827 - Date : 2021 3 18  
 Float : 2902211 - Cycle : 203 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7827 - Date : 2021 4 7  
 Float : 2902211 - Cycle : 207 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7827 - Date : 2021 5 17  
 Float : 2902211 - Cycle : 208 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7827 - Date : 2021 5 27  
 Float : 2902211 - Cycle : 209 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7827 - Date : 2021 6 6  
 Float : 2902211 - Cycle : 212 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7827 - Date : 2021 7 6  
 Float : 2902211 - Cycle : 216 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7827 - Date : 2021 8 15  
 Float : 2902211 - Cycle : 218 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7827 - Date : 2021 9 3  
 Float : 2902211 - Cycle : 220 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7827 - Date : 2021 9 24  
 Float : 2902211 - Cycle : 222 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7827 - Date : 2021 10 14  
 Float : 2902211 - Cycle : 226 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7827 - Date : 2021 11 23  
 Float : 2902211 - Cycle : 228 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7827 - Date : 2021 12 13  
 Float : 2902211 - Cycle : 230 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7827 - Date : 2022 1 2  
 Float : 2902211 - Cycle : 232 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7827 - Date : 2022 1 22  
 Float : 2902211 - Cycle : 234 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7827 - Date : 2022 2 11  
 Float : 2902211 - Cycle : 236 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7827 - Date : 2022 3 3  
 Float : 2902211 - Cycle : 238 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7827 - Date : 2022 3 23  
 Float : 2902211 - Cycle : 240 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7827 - Date : 2022 4 12  
 Float : 2902211 - Cycle : 242 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7827 - Date : 2022 5 2  
 Float : 2902211 - Cycle : 252 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7827 - Date : 2022 5 22  
 Float : 2902211 - Cycle : 246 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7827 - Date : 2022 6 11  
 Float : 2902211 - Cycle : 248 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7827 - Date : 2022 7 1  
 Float : 2902211 - Cycle : 250 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7827 - Date : 2022 7 21  
 Float : 2902211 - Cycle : 254 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7827 - Date : 2022 8 10  
 Float : 2902211 - Cycle : 254 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7827 - Date : 2022 8 30  
 Float : 2902211 - Cycle : 257 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7827 - Date : 2022 9 29  
 Float : 2902211 - Cycle : 258 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7827 - Date : 2022 10 9  
 Float : 2902211 - Cycle : 259 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7827 - Date : 2022 10 19  
 Float : 2902222 - Cycle : 209 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7532 - Date : 2022 10 2  
 Float : 2902222 - Cycle : 210 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7532 - Date : 2022 10 12  
 Float : 2902222 - Cycle : 211 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7532 - Date : 2022 10 22  
 Float : 2902265 - Cycle : 134 - PI : M Ravichandran - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 18001 - Date : 2022 9 28  
 Float : 2902265 - Cycle : 136 - PI : M Ravichandran - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 18001 - Date : 2022 10 18  
 Float : 2902267 - Cycle : 135 - PI : M Ravichandran - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 18003 - Date : 2022 10 2  
 Float : 2902267 - Cycle : 137 - PI : M Ravichandran - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 18003 - Date : 2022 10 22  
 Float : 2902268 - Cycle : 122 - PI : M Ravichandran - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 18004 - Date : 2022 5 26  
 Float : 2902287 - Cycle : 102 - PI : M Ravichandran - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 18015 - Date : 2022 5 26  
 Float : 2902289 - Cycle : 116 - PI : M Ravichandran - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 18017 - Date : 2022 10 12

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

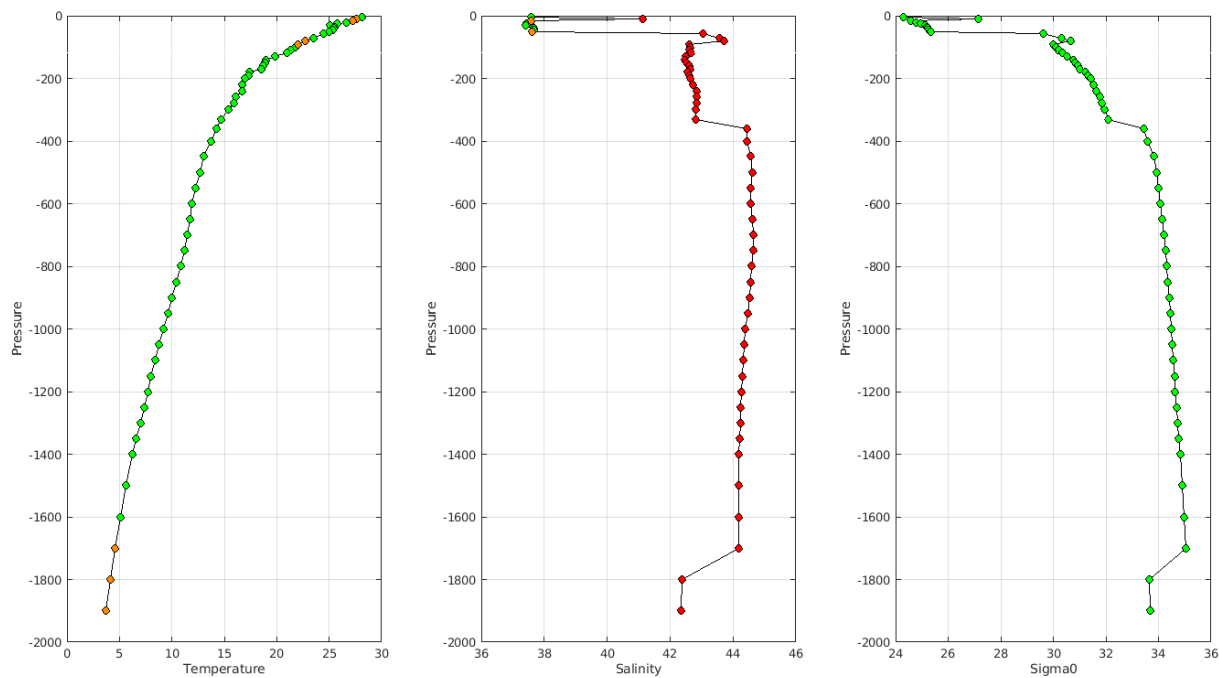




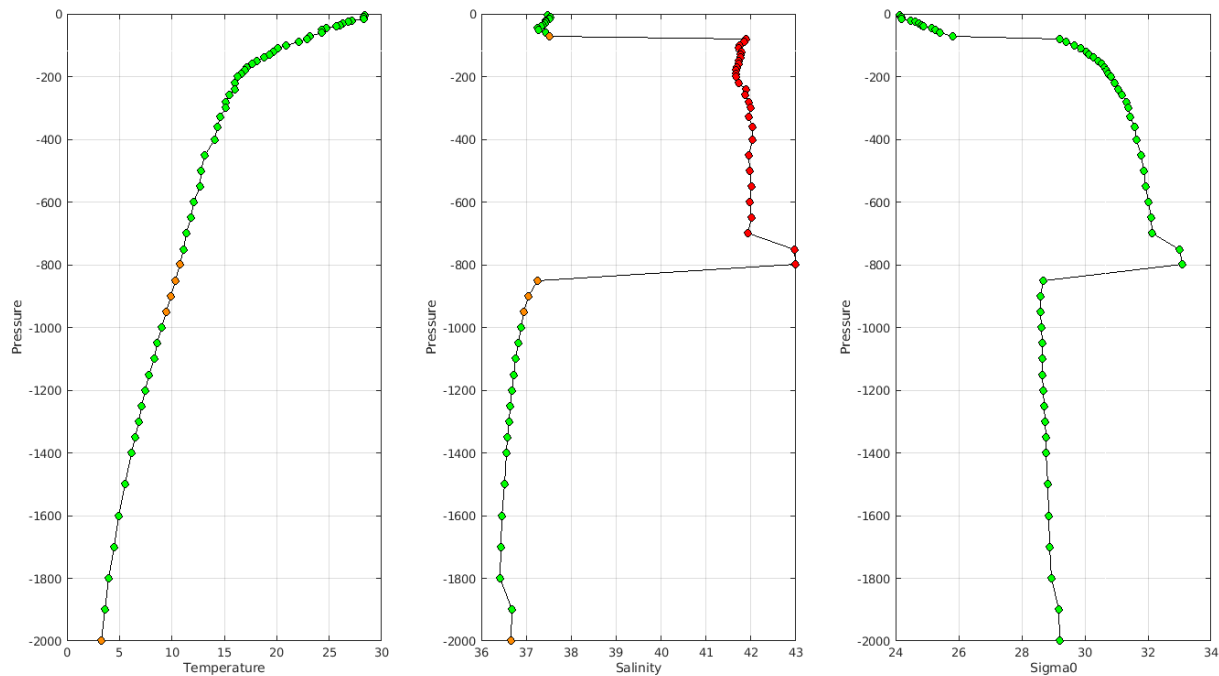
The list of the anomalies can be found at <https://data-argo.ifremer.fr/etc/ObjectiveAnalysisWarning/incois/>

Example of anomalies:

Warning Objective Analysis Anomalies 2022 October TEMP PSAL : DAC IN- Float 2902201 - 241



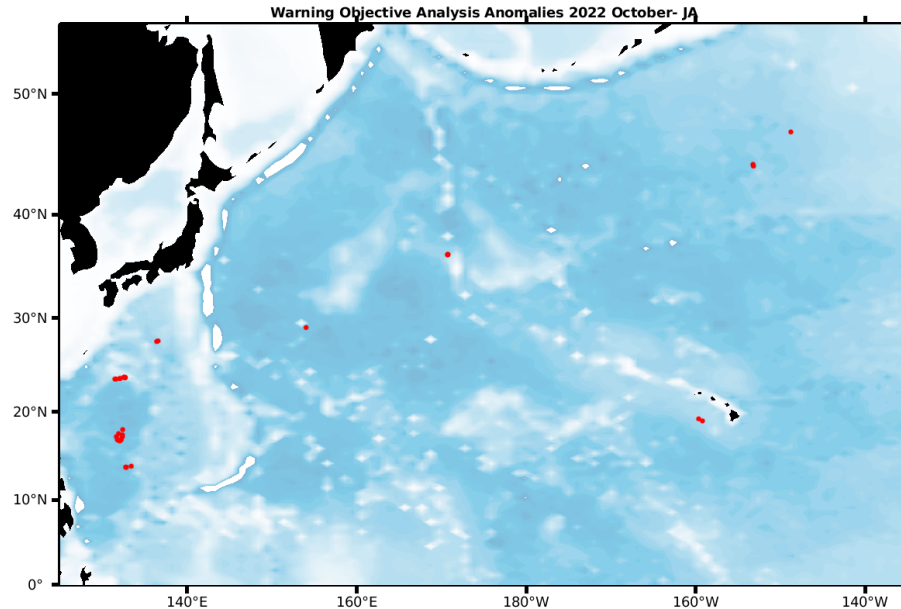
Warning Objective Analysis Anomalies 2022 October TEMP PSAL : DAC IN- Float 2902201 - 242



## 5.6. DAC JMA/JAMSTEC

Profiles detected by the objective analysis: 34 profiles (9 floats but floats can have several cycles with anomalies)

Data_mode ='R'	Data_mode ='A'	Data_mode ='D'
4 cycles	30 cycles	0 cycle

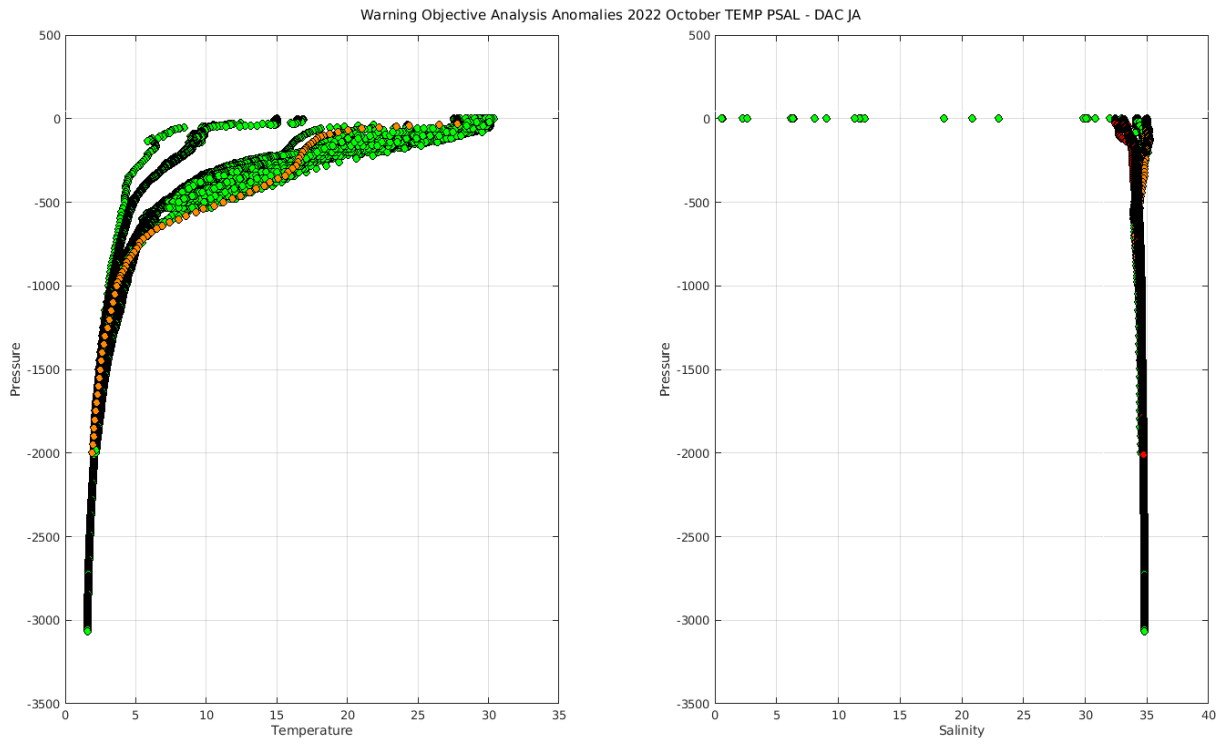


**Status of corrections: Correction in progress, feedbacks each month**

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

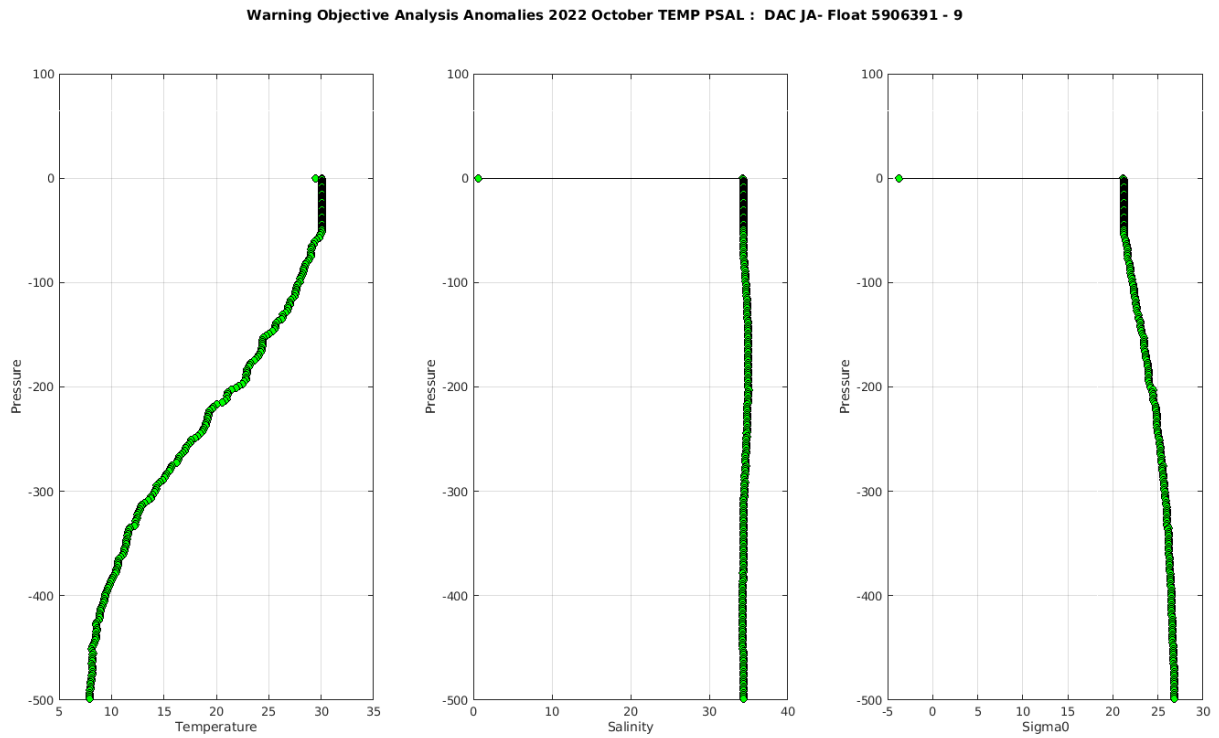
Float : 2903606 - Cycle : 141 - PI : JAMSTEC - Data mode : A - Platform type : APEX\_D - WMO inst type : 849 - FLOAT SERIAL : 52 - Date : 2022 10 5  
 Float : 2903606 - Cycle : 143 - PI : JAMSTEC - Data mode : A - Platform type : APEX\_D - WMO inst type : 849 - FLOAT SERIAL : 52 - Date : 2022 10 23  
 Float : 2903627 - Cycle : 167 - PI : JMA - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : AK1000-19JP010 - Date : 2022 9 26  
 Float : 2903712 - Cycle : 2 - PI : JMA - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : AK1000-21JP011 - Date : 2022 10 19  
 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 : 4902376 - Cycle : 191 - PI : JAMSTEC - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : OIN-15JAP-ARL-01 - Date : 2022 10 2  
 Float : 4902380 - Cycle : 152 - PI : JAMSTEC - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 8264 - Date : 2022 10 3  
 Float : 4902380 - Cycle : 153 - PI : JAMSTEC - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 8264 - Date : 2022 10 13  
 Float : 4902380 - Cycle : 154 - PI : JAMSTEC - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 8264 - Date : 2022 10 23  
 Float : 5905219 - Cycle : 165 - PI : JAMSTEC - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7906 - Date : 2022 10 8  
 Float : 5905219 - Cycle : 166 - PI : JAMSTEC - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7906 - Date : 2022 10 18  
 Float : 5906391 - Cycle : 9 - PI : JAMSTEC Satoru Yokoi - Data mode : A - Platform type : APEX - WMO inst type : 877 - FLOAT SERIAL : 9712 - Date : 2022 9 14  
 Float : 5906391 - Cycle : 28 - PI : JAMSTEC Satoru Yokoi - Data mode : A - Platform type : APEX - WMO inst type : 877 - FLOAT SERIAL : 9712 - Date : 2022 10 3  
 Float : 5906391 - Cycle : 30 - PI : JAMSTEC Satoru Yokoi - Data mode : A - Platform type : APEX - WMO inst type : 877 - FLOAT SERIAL : 9712 - Date : 2022 10 5  
 Float : 5906391 - Cycle : 32 - PI : JAMSTEC Satoru Yokoi - Data mode : A - Platform type : APEX - WMO inst type : 877 - FLOAT SERIAL : 9712 - Date : 2022 10 7  
 Float : 5906392 - Cycle : 15 - PI : JAMSTEC Satoru Yokoi - Data mode : A - Platform type : APEX - WMO inst type : 877 - FLOAT SERIAL : 9713 - Date : 2022 9 17  
 Float : 5906392 - Cycle : 23 - PI : JAMSTEC Satoru Yokoi - Data mode : A - Platform type : APEX - WMO inst type : 877 - FLOAT SERIAL : 9713 - Date : 2022 9 25  
 Float : 5906392 - Cycle : 28 - PI : JAMSTEC Satoru Yokoi - Data mode : A - Platform type : APEX - WMO inst type : 877 - FLOAT SERIAL : 9713 - Date : 2022 9 30  
 Float : 5906392 - Cycle : 32 - PI : JAMSTEC Satoru Yokoi - Data mode : A - Platform type : APEX - WMO inst type : 877 - FLOAT SERIAL : 9713 - Date : 2022 10 4  
 Float : 5906392 - Cycle : 33 - PI : JAMSTEC Satoru Yokoi - Data mode : A - Platform type : APEX - WMO inst type : 877 - FLOAT SERIAL : 9713 - Date : 2022 10 5  
 Float : 5906392 - Cycle : 37 - PI : JAMSTEC Satoru Yokoi - Data mode : A - Platform type : APEX - WMO inst type : 877 - FLOAT SERIAL : 9713 - Date : 2022 10 9  
 Float : 5906392 - Cycle : 40 - PI : JAMSTEC Satoru Yokoi - Data mode : A - Platform type : APEX - WMO inst type : 877 - FLOAT SERIAL : 9713 - Date : 2022 10 12  
 Float : 5906392 - Cycle : 44 - PI : JAMSTEC Satoru Yokoi - Data mode : A - Platform type : APEX - WMO inst type : 877 - FLOAT SERIAL : 9713 - Date : 2022 10 16  
 Float : 5906392 - Cycle : 45 - PI : JAMSTEC Satoru Yokoi - Data mode : A - Platform type : APEX - WMO inst type : 877 - FLOAT SERIAL : 9713 - Date : 2022 10 17  
 Float : 5906392 - Cycle : 47 - PI : JAMSTEC Satoru Yokoi - Data mode : A - Platform type : APEX - WMO inst type : 877 - FLOAT SERIAL : 9713 - Date : 2022 10 19  
 Float : 5906393 - Cycle : 6 - PI : JAMSTEC Satoru Yokoi - Data mode : A - Platform type : APEX - WMO inst type : 877 - FLOAT SERIAL : 9714 - Date : 2022 9 10  
 Float : 5906393 - Cycle : 7 - PI : JAMSTEC Satoru Yokoi - Data mode : A - Platform type : APEX - WMO inst type : 877 - FLOAT SERIAL : 9714 - Date : 2022 9 11  
 Float : 5906393 - Cycle : 9 - PI : JAMSTEC Satoru Yokoi - Data mode : A - Platform type : APEX - WMO inst type : 877 - FLOAT SERIAL : 9714 - Date : 2022 9 13  
 Float : 5906393 - Cycle : 10 - PI : JAMSTEC Satoru Yokoi - Data mode : A - Platform type : APEX - WMO inst type : 877 - FLOAT SERIAL : 9714 - Date : 2022 9 14  
 Float : 5906393 - Cycle : 13 - PI : JAMSTEC Satoru Yokoi - Data mode : A - Platform type : APEX - WMO inst type : 877 - FLOAT SERIAL : 9714 - Date : 2022 9 17  
 Float : 5906393 - Cycle : 24 - PI : JAMSTEC Satoru Yokoi - Data mode : A - Platform type : APEX - WMO inst type : 877 - FLOAT SERIAL : 9714 - Date : 2022 9 28  
 Float : 5906393 - Cycle : 27 - PI : JAMSTEC Satoru Yokoi - Data mode : A - Platform type : APEX - WMO inst type : 877 - FLOAT SERIAL : 9714 - Date : 2022 10 1  
 Float : 5906393 - Cycle : 40 - PI : JAMSTEC Satoru Yokoi - Data mode : A - Platform type : APEX - WMO inst type : 877 - FLOAT SERIAL : 9714 - Date : 2022 10 14  
 Float : 5906393 - Cycle : 43 - PI : JAMSTEC Satoru Yokoi - Data mode : A - Platform type : APEX - WMO inst type : 877 - FLOAT SERIAL : 9714 - Date : 2022 10 17

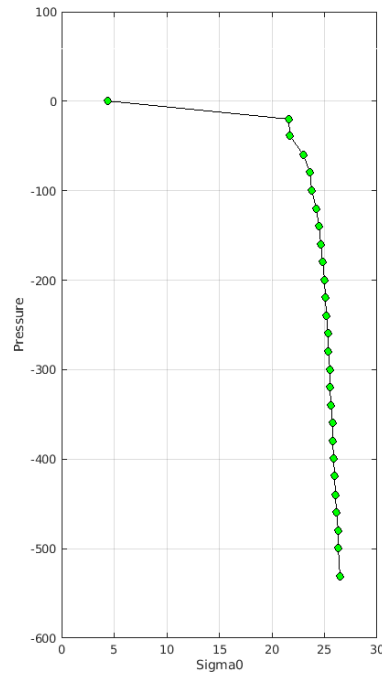
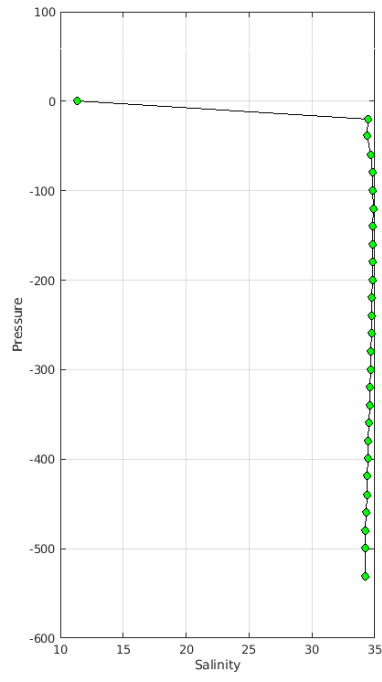
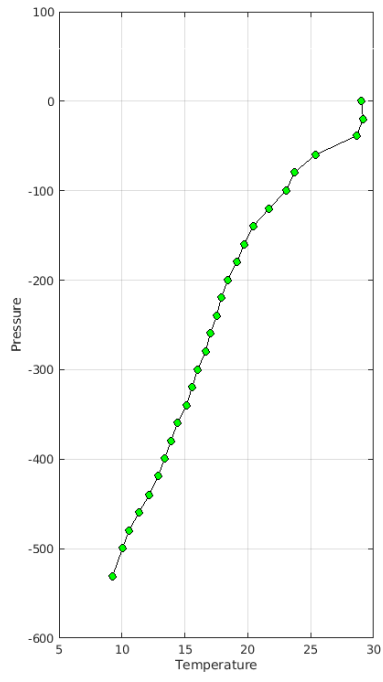
### Files data\_mode='D'



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

Example of anomalies:

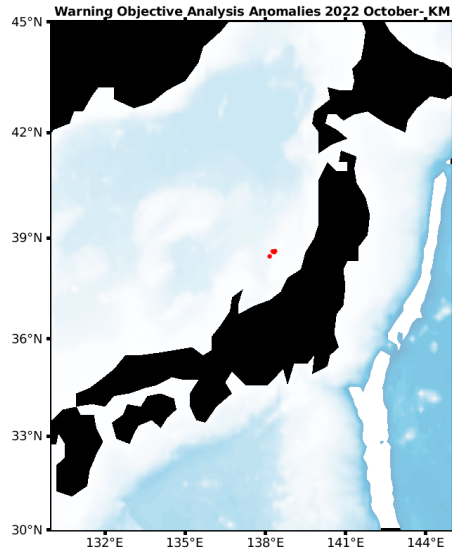




5.7. DAC KMA

Profiles detected by the objective analysis: 4 profiles (1 float – float can have several cycles with anomalies)

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

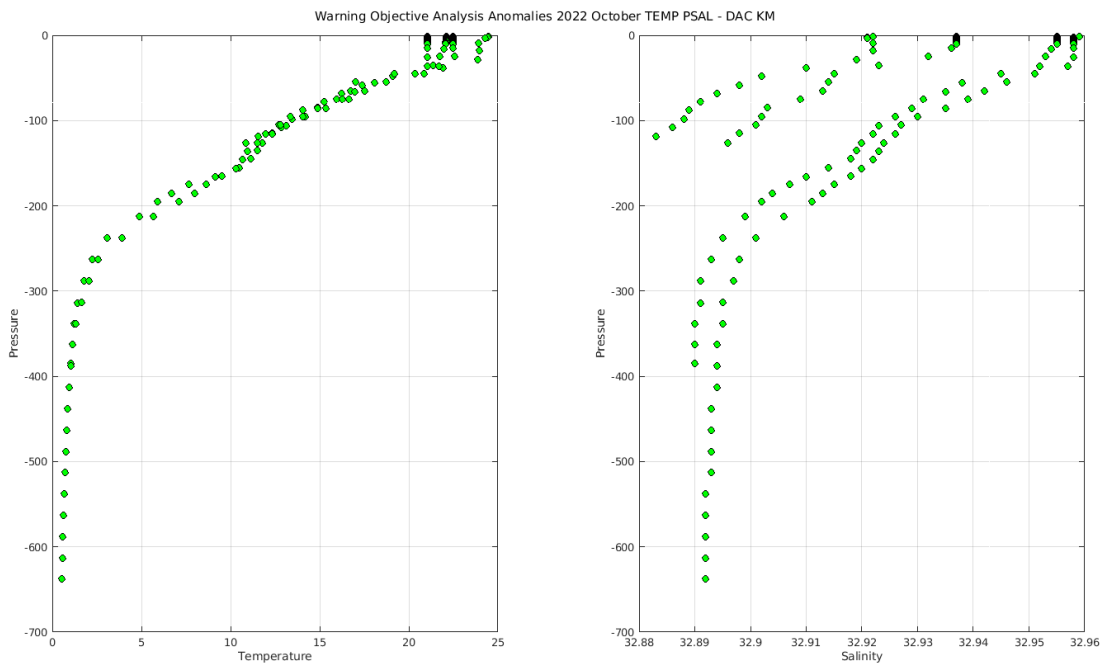


**Status of corrections: No feedback.**

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

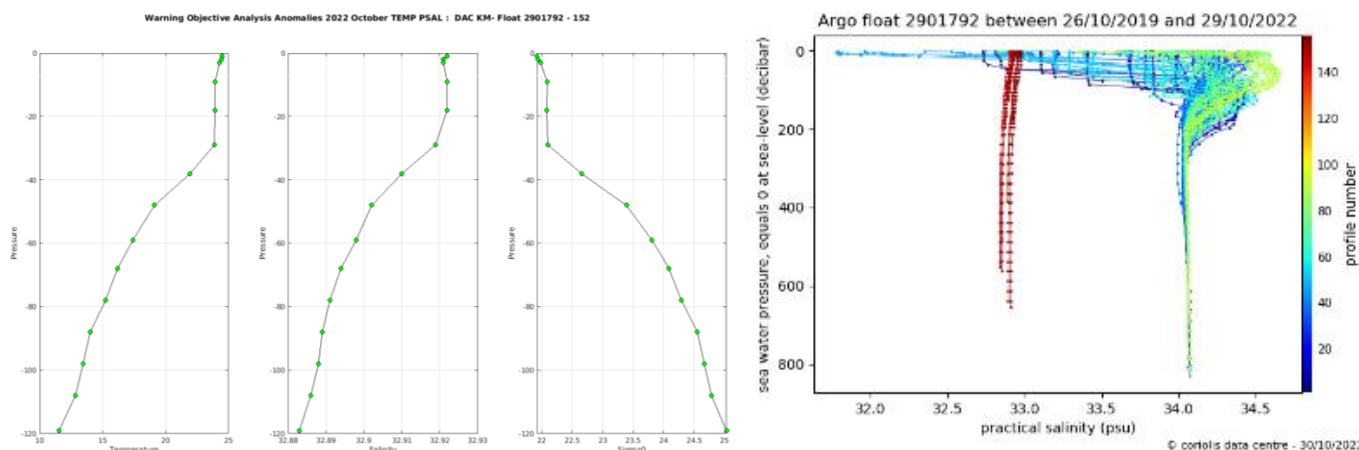
- Float : 2901792 - Cycle : 152 - PI : KiRyong Kang - Data mode : R - Platform type : ARVOR - WMO inst type : 846 - FLOAT SERIAL : n/a - Date : 2022 10 1
- Float : 2901792 - Cycle : 153 - PI : KiRyong Kang - Data mode : R - Platform type : ARVOR - WMO inst type : 846 - FLOAT SERIAL : n/a - Date : 2022 10 8
- Float : 2901792 - Cycle : 154 - PI : KiRyong Kang - Data mode : R - Platform type : ARVOR - WMO inst type : 846 - FLOAT SERIAL : n/a - Date : 2022 10 15
- Float : 2901792 - Cycle : 155 - PI : KiRyong Kang - Data mode : R - Platform type : ARVOR - WMO inst type : 846 - FLOAT SERIAL : n/a - Date : 2022 10 22

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>R2900171_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>R2900171_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>R2900171_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: 0 profile (0 float – float can have several cycles with anomalies)

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

**Status of corrections: No feedback.**

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

Files data\_mode='D'

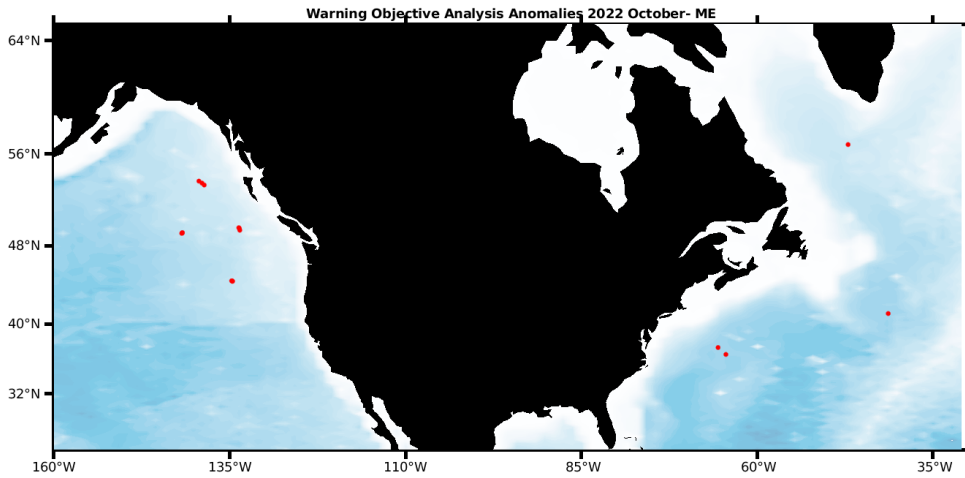
The list of the anomalies can be found at <https://data-argo.ifremer.fr/etc/ObjectiveAnalysisWarning/kordi/>

Example of anomalies:

5.9. DAC MEDS

Profiles detected by the objective analysis: 16 profiles (7 floats but floats can have several cycles with anomalies)

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

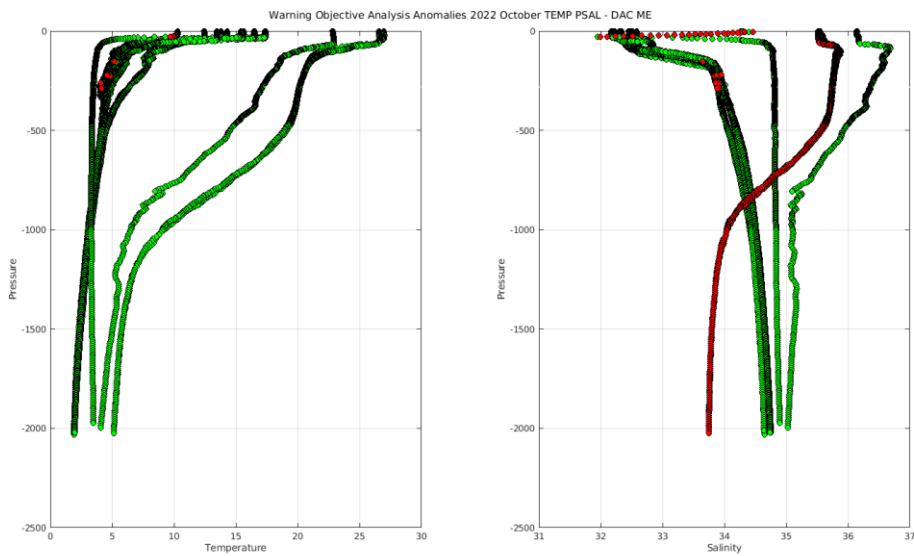


**Status of corrections: In progress.**

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

- Float : 4902403 - Cycle : 205 - PI : Blair Greenan - Data mode : A - Platform type : NOVA - WMO inst type : 865 - FLOAT SERIAL : 439 - Date : 2022 9 28
- Float : 4902403 - Cycle : 206 - PI : Blair Greenan - Data mode : A - Platform type : NOVA - WMO inst type : 865 - FLOAT SERIAL : 439 - Date : 2022 10 8
- Float : 4902403 - Cycle : 207 - PI : Blair Greenan - Data mode : A - Platform type : NOVA - WMO inst type : 865 - FLOAT SERIAL : 439 - Date : 2022 10 18
- Float : 4902443 - Cycle : 133 - PI : Blair Greenan - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 260018CA06 - Date : 2022 10 4
- Float : 4902443 - Cycle : 134 - PI : Blair Greenan - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 260018CA06 - Date : 2022 10 14
- Float : 4902443 - Cycle : 135 - PI : Blair Greenan - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 260018CA06 - Date : 2022 10 24
- Float : 4902444 - Cycle : 133 - PI : Blair Greenan - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 260018CA07 - Date : 2022 10 1
- Float : 4902444 - Cycle : 134 - PI : Blair Greenan - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 260018CA07 - Date : 2022 10 11
- Float : 4902444 - Cycle : 135 - PI : Blair Greenan - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 260018CA07 - Date : 2022 10 21
- Float : 4902462 - Cycle : 133 - PI : Blair Greenan - Data mode : A - Platform type : NOVA - WMO inst type : 865 - FLOAT SERIAL : 598 - Date : 2022 10 4
- Float : 4902462 - Cycle : 134 - PI : Blair Greenan - Data mode : A - Platform type : NOVA - WMO inst type : 865 - FLOAT SERIAL : 598 - Date : 2022 10 14
- Float : 4902462 - Cycle : 135 - PI : Blair Greenan - Data mode : A - Platform type : NOVA - WMO inst type : 865 - FLOAT SERIAL : 598 - Date : 2022 10 24
- Float : 4902470 - Cycle : 126 - PI : Blair Greenan - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 260018CA14 - Date : 2022 10 4
- Float : 4902470 - Cycle : 127 - PI : Blair Greenan - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 260018CA14 - Date : 2022 10 14
- Float : 4902593 - Cycle : 14 - PI : Blair Greenan - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 260021CA34 - Date : 2022 9 29
- Float : 4902595 - Cycle : 19 - PI : Blair Greenan - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 260021CA36 - Date : 2022 10 21

Files data\_mode='D'

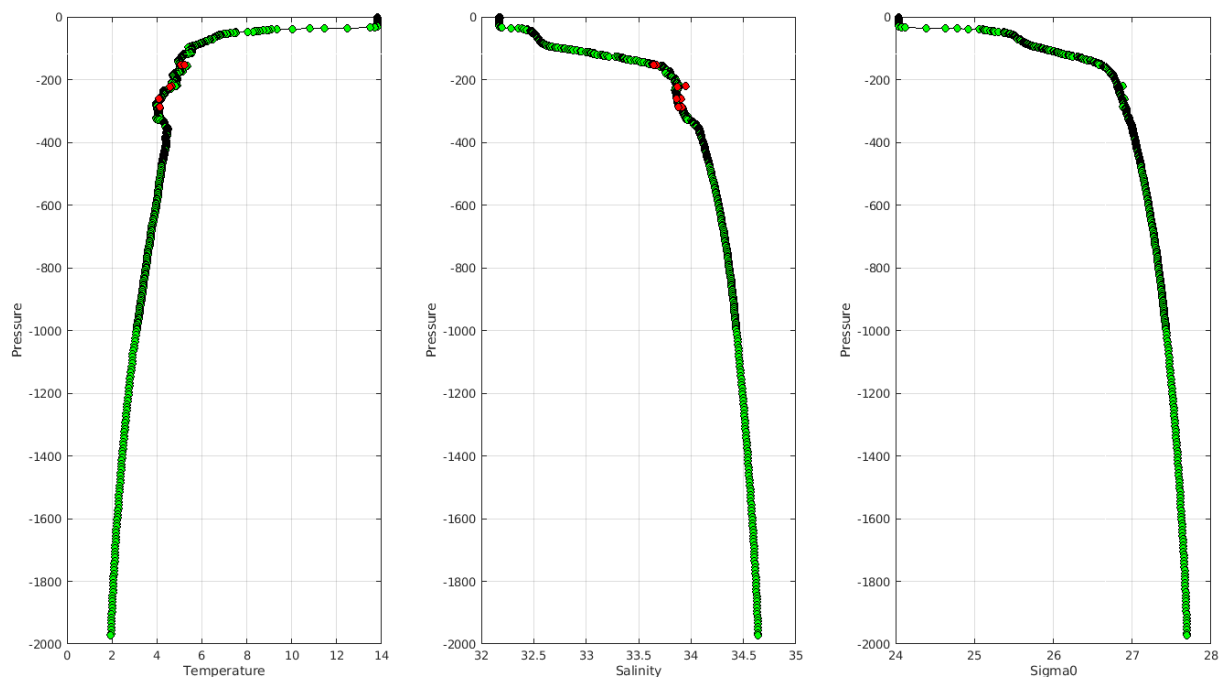




The list of the anomalies can be found at <https://data-argo.ifremer.fr/etc/ObjectiveAnalysisWarning/meds/>

Example of anomalies:

Warning Objective Analysis Anomalies 2022 October TEMP PSAL : DAC ME- Float 4902444 - 134



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

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

```
ME 3900084 120 2C+ PSAL -1701411834604690000000000000000000000000 4
ME 3900085 120 2C+ PSAL -1701411834604690000000000000000000000000 4
ME 4900512
ME 4900521
ME 4900537
ME 4900636
ME 4900877
ME 4901081
```



## 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 : 8242

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

## 8.2. BODC

### GDAC (missing nc files)

**For some floats :**

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

**MAINLY TRAJECTORY FILE MISSING**

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

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

1901312 - Existing NetCDF files

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

1901844 - Existing NetCDF files

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

1901845 - Existing NetCDF files

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

1901846 - Existing NetCDF files

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

1901847 - Existing NetCDF files

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

1901848 - Existing NetCDF files

File : 1901848\_meta.nc - 1901848\_prof.nc - 1901848\_tech.nc -

1901849 - Existing NetCDF files

File : 1901849\_meta.nc - 1901849\_prof.nc - 1901849\_tech.nc -

1901850 - Existing NetCDF files

File : 1901850\_meta.nc - 1901850\_prof.nc - 1901850\_tech.nc -

1901851 - Existing NetCDF files

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

1901852 - Existing NetCDF files

File : 1901852\_meta.nc - 1901852\_prof.nc - 1901852\_tech.nc -

1901853 - Existing NetCDF files

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1901854 - Existing NetCDF files

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1901855 - Existing NetCDF files

File : 1901855\_meta.nc - 1901855\_prof.nc - 1901855\_tech.nc -

1901856 - Existing NetCDF files

File : 1901856\_meta.nc - 1901856\_prof.nc - 1901856\_tech.nc -

1901857 - Existing NetCDF files

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1901858 - Existing NetCDF files

File : 1901858\_meta.nc - 1901858\_prof.nc - 1901858\_tech.nc -

1901859 - Existing NetCDF files

File : 1901859\_meta.nc - 1901859\_prof.nc - 1901859\_tech.nc -

1901860 - Existing NetCDF files

File : 1901860\_meta.nc - 1901860\_prof.nc - 1901860\_tech.nc -

1901861 - Existing NetCDF files

File : 1901861\_meta.nc - 1901861\_prof.nc - 1901861\_tech.nc -

1901862 - Existing NetCDF files

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1901863 - Existing NetCDF files

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1901864 - Existing NetCDF files

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1901865 - Existing NetCDF files

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1901866 - Existing NetCDF files

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1901867 - Existing NetCDF files

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1901868 - Existing NetCDF files

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1901869 - Existing NetCDF files

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1901870 - Existing NetCDF files

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1901871 - Existing NetCDF files

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1901872 - Existing NetCDF files

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1901873 - Existing NetCDF files

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1901875 - Existing NetCDF files

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1901876 - Existing NetCDF files

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1901877 - Existing NetCDF files

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1901878 - Existing NetCDF files

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1901879 - Existing NetCDF files

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1901880 - Existing NetCDF files

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1901881 - Existing NetCDF files

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File : 1901933\_meta.nc - 1901933\_prof.nc - 1901933\_tech.nc -

1901934 - Existing NetCDF files

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1901935 - Existing NetCDF files

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1901936 - Existing NetCDF files

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1901937 - Existing NetCDF files

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1901938 - Existing NetCDF files

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1901939 - Existing NetCDF files

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1901940 - Existing NetCDF files

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1901941 - Existing NetCDF files

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1901942 - Existing NetCDF files

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1902079 - Existing NetCDF files

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1902080 - Existing NetCDF files

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1902081 - Existing NetCDF files

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1902082 - Existing NetCDF files

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1902083 - Existing NetCDF files

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2901891 - Existing NetCDF files

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2901892 - Existing NetCDF files

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2901893 - Existing NetCDF files

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2901895 - Existing NetCDF files

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2901896 - Existing NetCDF files

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2901897 - Existing NetCDF files

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2901899 - Existing NetCDF files

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2901900 - Existing NetCDF files

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2901902 - Existing NetCDF files

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2901903 - Existing NetCDF files

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2901904 - Existing NetCDF files

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2901905 - Existing NetCDF files

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3900538 - Existing NetCDF files

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3900559 - Existing NetCDF files

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3900560 - Existing NetCDF files

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3901488 - Existing NetCDF files

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3901489 - Existing NetCDF files

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3901490 - Existing NetCDF files

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3901491 - Existing NetCDF files

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3901495 - Existing NetCDF files

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3901499 - Existing NetCDF files

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3901500 - Existing NetCDF files

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3901501 - Existing NetCDF files

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3901502 - Existing NetCDF files

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3901549 - Existing NetCDF files  
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3901556 - Existing NetCDF files  
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3901560 - Existing NetCDF files  
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3901561 - Existing NetCDF files  
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3901562 - Existing NetCDF files  
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3901563 - Existing NetCDF files  
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3901564 - Existing NetCDF files  
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3901568 - Existing NetCDF files  
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3901569 - Existing NetCDF files  
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3901570 - Existing NetCDF files  
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3901571 - Existing NetCDF files  
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3902398 - Existing NetCDF files  
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3902399 - Existing NetCDF files  
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3902400 - Existing NetCDF files  
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3902402 - Existing NetCDF files  
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3902403 - Existing NetCDF files  
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49065 - Existing NetCDF files  
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6901153 - Existing NetCDF files  
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6901155 - Existing NetCDF files  
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6901156 - Existing NetCDF files  
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6901157 - Existing NetCDF files  
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6901158 - Existing NetCDF files  
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6901159 - Existing NetCDF files  
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6901160 - Existing NetCDF files  
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6901161 - Existing NetCDF files  
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6901162 - Existing NetCDF files  
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6901163 - Existing NetCDF files  
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6901164 - Existing NetCDF files  
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6901165 - Existing NetCDF files  
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6901166 - Existing NetCDF files  
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6901167 - Existing NetCDF files  
File : 6901167\_meta.nc - 6901167\_prof.nc - 6901167\_tech.nc -

6901168 - Existing NetCDF files  
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6901169 - Existing NetCDF files  
File : 6901169\_meta.nc - 6901169\_prof.nc - 6901169\_tech.nc -

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

6901171 - Existing NetCDF files

File : 6901171\_meta.nc - 6901171\_prof.nc - 6901171\_tech.nc -  
6901172 - Existing NetCDF files  
File : 6901172\_meta.nc - 6901172\_prof.nc - 6901172\_tech.nc -  
6901173 - Existing NetCDF files  
File : 6901173\_meta.nc - 6901173\_prof.nc - 6901173\_tech.nc -  
6901176 - Existing NetCDF files  
File : 6901176\_meta.nc - 6901176\_prof.nc - 6901176\_tech.nc -  
6901177 - Existing NetCDF files  
File : 6901177\_meta.nc - 6901177\_prof.nc - 6901177\_tech.nc -  
6901178 - Existing NetCDF files  
File : 6901178\_meta.nc - 6901178\_prof.nc - 6901178\_tech.nc -  
6901179 - Existing NetCDF files  
File : 6901179\_meta.nc - 6901179\_prof.nc - 6901179\_tech.nc -  
6901184 - Existing NetCDF files  
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6901185 - Existing NetCDF files  
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6901188 - Existing NetCDF files  
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6901189 - Existing NetCDF files  
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6901190 - Existing NetCDF files  
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6901191 - Existing NetCDF files  
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6901192 - Existing NetCDF files  
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6901193 - Existing NetCDF files  
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6901194 - Existing NetCDF files  
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6901195 - Existing NetCDF files  
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6901197 - Existing NetCDF files  
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6901198 - Existing NetCDF files  
File : 6901198\_meta.nc - 6901198\_prof.nc - 6901198\_tech.nc -  
6901199 - Existing NetCDF files  
File : 6901199\_meta.nc - 6901199\_prof.nc - 6901199\_tech.nc -  
6901200 - Existing NetCDF files  
File : 6901200\_meta.nc - 6901200\_prof.nc - 6901200\_tech.nc -  
6901201 - Existing NetCDF files  
File : 6901201\_meta.nc - 6901201\_prof.nc - 6901201\_tech.nc -

6901202 - Existing NetCDF files  
File : 6901202\_meta.nc - 6901202\_prof.nc - 6901202\_tech.nc -  
6901205 - Existing NetCDF files  
File : 6901205\_meta.nc - 6901205\_prof.nc - 6901205\_tech.nc -  
6901207 - Existing NetCDF files  
File : 6901207\_meta.nc - 6901207\_prof.nc - 6901207\_tech.nc -  
6901208 - Existing NetCDF files  
File : 6901208\_meta.nc - 6901208\_prof.nc - 6901208\_tech.nc -  
6901211 - Existing NetCDF files  
File : 6901211\_meta.nc - 6901211\_prof.nc - 6901211\_tech.nc -  
6901212 - Existing NetCDF files  
File : 6901212\_meta.nc - 6901212\_prof.nc - 6901212\_tech.nc -  
6901213 - Existing NetCDF files  
File : 6901213\_meta.nc - 6901213\_prof.nc - 6901213\_tech.nc -  
6901214 - Existing NetCDF files  
File : 6901214\_meta.nc - 6901214\_prof.nc - 6901214\_tech.nc -  
6901215 - Existing NetCDF files  
File : 6901215\_meta.nc - 6901215\_prof.nc - 6901215\_tech.nc -  
6901919 - Existing NetCDF files  
File : 6901919\_meta.nc - 6901919\_prof.nc - 6901919\_tech.nc -  
6901920 - Existing NetCDF files  
File : 6901920\_meta.nc - 6901920\_prof.nc - 6901920\_tech.nc -  
6901921 - Existing NetCDF files  
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 : 3507**

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 : 524

## 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 : 1090

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 -

2900275 - Existing NetCDF files

File : 2900275\_Rtraj.nc - 2900275\_meta.nc - 2900275\_prof.nc -

2900767 - Existing NetCDF files

File : 2900767\_meta.nc - 2900767\_prof.nc - 2900767\_tech.nc -

2902126 - Existing NetCDF files

File : 2902126\_Rtraj.nc - 2902126\_meta.nc - 2902126\_tech.nc -

2902229 - Existing NetCDF files

File : 2902229\_meta.nc - 2902229\_prof.nc - 2902229\_tech.nc -

2902230 - Existing NetCDF files

File : 2902230\_meta.nc - 2902230\_prof.nc - 2902230\_tech.nc -

2902231 - Existing NetCDF files

File : 2902231\_meta.nc - 2902231\_prof.nc - 2902231\_tech.nc -

2902232 - Existing NetCDF files

File : 2902232\_meta.nc - 2902232\_prof.nc - 2902232\_tech.nc -

2902233 - Existing NetCDF files

File : 2902233\_meta.nc - 2902233\_prof.nc - 2902233\_tech.nc -

2902234 - Existing NetCDF files

File : 2902234\_meta.nc - 2902234\_prof.nc - 2902234\_tech.nc -

2902235 - Existing NetCDF files

File : 2902235\_meta.nc - 2902235\_prof.nc - 2902235\_tech.nc -

2902236 - Existing NetCDF files

File : 2902236\_meta.nc - 2902236\_prof.nc - 2902236\_tech.nc -

2902246 - Existing NetCDF files

File : 2902246\_meta.nc - 2902246\_prof.nc - 2902246\_tech.nc -

2902248 - Existing NetCDF files

File : 2902248\_meta.nc - 2902248\_prof.nc - 2902248\_tech.nc -

2902249 - Existing NetCDF files

File : 2902249\_meta.nc - 2902249\_prof.nc - 2902249\_tech.nc -

2902250 - Existing NetCDF files

File : 2902250\_meta.nc - 2902250\_prof.nc - 2902250\_tech.nc -

2902251 - Existing NetCDF files

File : 2902251\_meta.nc - 2902251\_prof.nc - 2902251\_tech.nc -

2902252 - Existing NetCDF files

File : 2902252\_meta.nc - 2902252\_prof.nc - 2902252\_tech.nc -

2902253 - Existing NetCDF files

File : 2902253\_meta.nc - 2902253\_prof.nc - 2902253\_tech.nc -

2902254 - Existing NetCDF files

File : 2902254\_meta.nc - 2902254\_prof.nc - 2902254\_tech.nc -

2902255 - Existing NetCDF files

File : 2902255\_meta.nc - 2902255\_prof.nc - 2902255\_tech.nc -

2902256 - Existing NetCDF files

File : 2902256\_meta.nc - 2902256\_prof.nc - 2902256\_tech.nc -

2902257 - Existing NetCDF files

File : 2902257\_meta.nc - 2902257\_prof.nc - 2902257\_tech.nc -

2902258 - Existing NetCDF files

File : 2902258\_meta.nc - 2902258\_prof.nc - 2902258\_tech.nc -

2902259 - Existing NetCDF files

File : 2902259\_meta.nc - 2902259\_prof.nc - 2902259\_tech.nc -

2902260 - Existing NetCDF files

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

2902261 - Existing NetCDF files

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

2902262 - Existing NetCDF files

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

2902265 - Existing NetCDF files

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

2902266 - Existing NetCDF files

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

2902267 - Existing NetCDF files

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

2902268 - Existing NetCDF files

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

2902269 - Existing NetCDF files

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

2902278 - Existing NetCDF files

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

2902279 - Existing NetCDF files

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

2902280 - Existing NetCDF files

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

2902281 - Existing NetCDF files

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

2902282 - Existing NetCDF files

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

2902283 - Existing NetCDF files

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

2902284 - Existing NetCDF files

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

2902285 - Existing NetCDF files

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

2902286 - Existing NetCDF files

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

2902287 - Existing NetCDF files

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

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

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

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

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

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

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

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

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

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

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

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

## 8.7. JMA

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

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

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

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

**-Others : 8 floats**

**need further investigation**

**For some floats :**

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

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

**DAC name : jma – Number of floats : 1886**

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

1902337 - Existing NetCDF files  
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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  
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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  
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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  
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2903005 - Existing NetCDF files  
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2903006 - Existing NetCDF files  
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2903007 - Existing NetCDF files  
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2903008 - Existing NetCDF files  
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2903009 - Existing NetCDF files  
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2903010 - Existing NetCDF files  
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2903011 - Existing NetCDF files  
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2903012 - Existing NetCDF files  
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2903013 - Existing NetCDF files  
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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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2903173 - Existing NetCDF files  
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2903209 - Existing NetCDF files  
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2903210 - Existing NetCDF files  
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2903211 - Existing NetCDF files  
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2903212 - Existing NetCDF files  
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2903213 - Existing NetCDF files  
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2903327 - Existing NetCDF files  
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2903330 - Existing NetCDF files  
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2903346 - Existing NetCDF files  
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2903396 - Existing NetCDF files  
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2903397 - Existing NetCDF files  
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2903400 - Existing NetCDF files  
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2903401 - Existing NetCDF files  
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2903402 - Existing NetCDF files

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2903403 - Existing NetCDF files  
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2903404 - Existing NetCDF files  
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2903605 - Existing NetCDF files  
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2903606 - Existing NetCDF files  
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2903607 - Existing NetCDF files  
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2903608 - Existing NetCDF files  
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2903609 - Existing NetCDF files  
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2903610 - Existing NetCDF files  
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2903611 - Existing NetCDF files  
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2903612 - Existing NetCDF files  
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2903616 - Existing NetCDF files  
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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  
File : 2903648\_Sprof.nc - 2903648\_meta.nc - 2903648\_prof.nc -  
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  
File : 2903672\_Sprof.nc - 2903672\_meta.nc - 2903672\_prof.nc -  
2903700 - Existing NetCDF files  
File : 2903700\_Sprof.nc - 2903700\_meta.nc - 2903700\_prof.nc -  
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  
File : 4902378\_meta.nc - 4902378\_prof.nc -

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

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

4902982 - Existing NetCDF files  
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4902983 - Existing NetCDF files  
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4902984 - Existing NetCDF files  
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4902985 - 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  
File : 5905062\_Sprof.nc - 5905062\_meta.nc - 5905062\_prof.nc -

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

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

5905223 - Existing NetCDF files  
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5905224 - Existing NetCDF files  
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5905225 - Existing NetCDF files  
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5905226 - Existing NetCDF files  
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5905227 - Existing NetCDF files  
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5905228 - Existing NetCDF files  
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5905229 - Existing NetCDF files  
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5905232 - Existing NetCDF files  
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5905233 - Existing NetCDF files  
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5905834 - Existing NetCDF files  
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5905835 - Existing NetCDF files  
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5905836 - Existing NetCDF files  
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5905837 - Existing NetCDF files  
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5905838 - Existing NetCDF files  
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5905839 - Existing NetCDF files  
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5905840 - Existing NetCDF files  
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5905841 - Existing NetCDF files



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  
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7900600 - Existing NetCDF files  
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7900601 - Existing NetCDF files  
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7900652 - Existing NetCDF files  
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7900653 - Existing NetCDF files  
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7900655 - Existing NetCDF files  
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7900657 - Existing NetCDF files  
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7900658 - Existing NetCDF files  
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7900660 - Existing NetCDF files  
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7900691 - Existing NetCDF files  
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7900863 - Existing NetCDF files  
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7900864 - Existing NetCDF files  
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7900866 - Existing NetCDF files  
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7900868 - Existing NetCDF files  
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7900872 - Existing NetCDF files  
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7900873 - Existing NetCDF files  
File : 7900873\_meta.nc - 7900873\_prof.nc -

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

## 8.8. KMA

### For some floats :

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

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

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

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

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

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

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

2901808 - Existing NetCDF files

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

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

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

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

## 8.9. KORDI/KIOST

### For some floats :

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

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

#### DAC name : kiost – Number of floats : 112

2901779 - Existing nc files

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

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

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

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 -

## 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 : 650**

## 8.11. NMDIS

**For some floats :**

- 

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

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