



## **GDAC Float Anomalies Monitoring**

**September 2022**

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**Coriolis**



## NOTES

### NOVEMBER 2017

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

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

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

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

### DECEMBER 2017

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

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

### January 2018

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

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

The problem has been resolved rapidly.

### May 2018

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

### July 2018

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

### March 2019

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

### April 2019

Re-organization of the report

### June 2019

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

### September 2019

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

### October 2019

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

#### November 2019

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

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

#### February 2020

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

#### March 2020

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

#### April 2020

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

#### October 2020

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

#### November 2020

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

#### March 2021

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

#### December 2021

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

## Summary

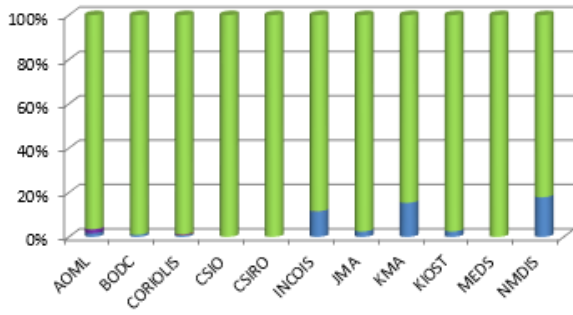
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# 1. Anomalies of Argo profiles – Suspected drift

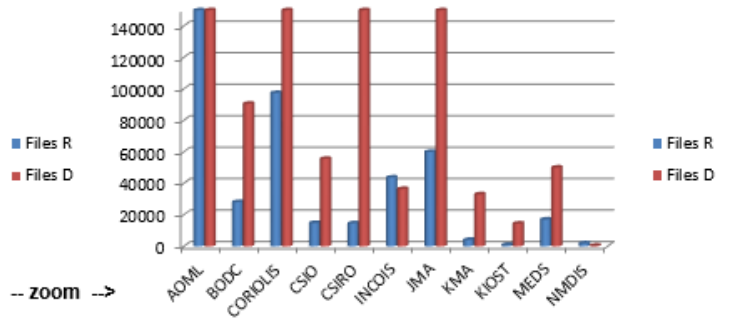
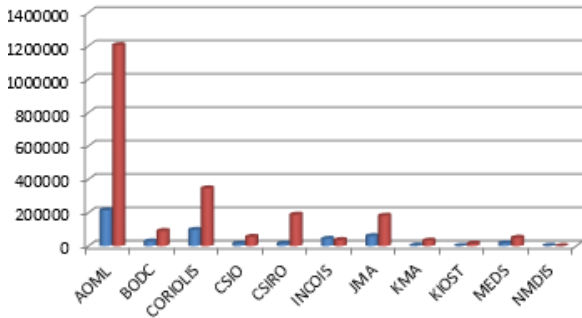
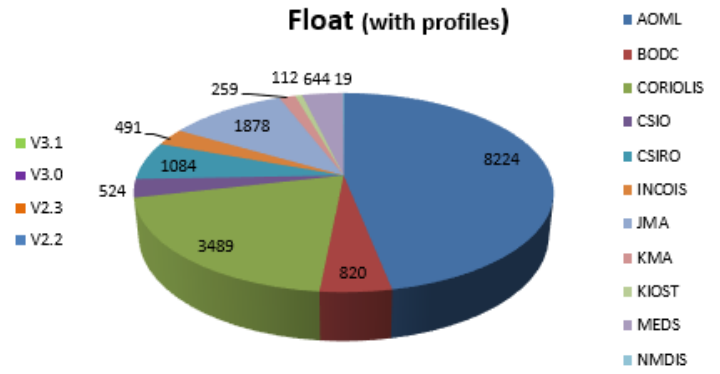
This table shows a list of floats showing a suspected drift/bias, observed in the last 2 months, last month for new. (feedback from Coriolis).

DAC	WMO	PI	First station in alert	First cycle in alert	Last Station in alert	Last cycle in alert	QC level in RT in Coriolis DB	Description	SENSOR_MODEL	SERIAL_NO	Failure_Type for Coriolis DB (1- drift, 2-bias, 3-wereid, 4-wrecked, 5- pressure, 6- adjustment issue)	Comment All drift mentions are SUSPICION 1- drift value mentions are visual impression 2- surrounding profiles = close in space (position diff < 2 degrees latitude/longitude) and in time (date diff < 5 years)	Greylist recommendation: PSAL/TEMP from cycle N, PI/DM response: N/A"
<b>NEW</b>													
AOML	3901221		BRECK OWENS, STEVEN JAYNE, P.E. ROBBINS	2022/08/27	260	2022/09/16	262	3	Argo WHOI	SBE41CP	6505	1	Drift, already with QC2 but started to drift from cycle 260
AOML	3902150		GREGORY C. JOHNSON	2022/09/21	134			3	Argo PMEL	SBE	5716	1	Slight drift ?
AOML	3902163		GREGORY C. JOHNSON	2022/08/22	124	2022/09/19	127	3	Argo PMEL	SBE	5646	1	Slight drift
AOML	4903245		WIFFELS, JAYNE, ROBBINS	2022/09/09	114			4	Argo WHOI	SBE41CP	11219	3	Bad profiles for cycle 114
AOML	4903278		AMY BOWER, STEVEN JAYNE, HEATHER FUREY	2022/09/26	153	2022/10/01	154	3	Argo WHOI	SBE41CP	11216	1	Jump ? ASD drift ?
AOML	5904056		GREGORY C. JOHNSON	2022/09/07	311	2022/09/27	313	3	Argo PMEL	SBE41CP	5132	3	Strange profile, drift ? Or bad profile ?
AOML	5904057		GREGORY C. JOHNSON	2022/09/02	311	2022/09/12	312	3	Argo PMEL	SBE41CP	5531	1	Slight drift ?
AOML	5904585		GREGORY C. JOHNSON	2022/09/05	270			3	Argo PMEL	SBE41CP	6275	1	Drift
AOML	5904771		STEPHEN RISER	2022/09/14	232	2022/09/24	233	3	Argo UW-SOCCOM eq.	SBE41CP	6398	1	Drift, QC2 on PSAL but should be QC3
AOML	5904782		STEPHEN RISER	2022/09/06	220	2022/09/26	222	3	Argo UW	SBE41CP	7827	1	Large Drift or Jump ? ASD
AOML	5905154		STEPHEN RISER	2022/09/18	177			3	Argo UW	SBE41CP	8359	1	Slight drift
AOML	5905742		GREGORY C. JOHNSON	2022/09/15	194	2022/09/25	195	3	Argo PMEL	SBE41CP	10557	3	Drift ? Small jump ?
AOML	5906014		STEPHEN RISER	2022/09/26	133			3	Argo UW	SBE41CP	9837	1	Drift
BODC	3901938		Romain Cancouet	2022/08/24	179	2022/09/24	182	3	ARGO MOCCA	SBE41CP_V7.2.5	8510	1	Slight drift ?
BODC	3901964		Romain Cancouet	2022/09/22	218			3	ARGO MOCCA - EU	SBE41CP_V7.2.5	8607	1	Slight drift
BODC	6903752		Brian King	2022/09/08	64			3	Argo UK	RBR_ARGO3	203419	3	Strange water at deepest levels ? Strange diagram TS for deep waters
CORIOIUS	3901683		Britt Klein	2022/08/30	136			4	Argo BSH	SBE41CP_V7.2.5	11143	3	Strange profile
CORIOIUS	3902010		Tamaryn Morris	2022/09/11	70	2022/10/02	72	3	Euro-Argo ERIC	SBE41CP_V7.2.5	14263	3	Jump with ASD Drift
CORIOIUS	6901255		Pedro Velez	2022/10/02	129			3	Argo SPAIN - IEO	SBE41CP	9920	1	Jump with ASD Drift ?
CORIOIUS	6902875		Laurent COPPOLA	2022/09/17	263	2022/09/27	265	3	CORIOIUS - GMMC	SBE41CP	9594	1	Slight drift
CSIRO	5905036		Susan Wijffels	2022/10/01	238			3	Argo AUSTRALIA	SBE41CP_V7.2.5	7773	1	Slight drift
CSIRO	5905501		Tom Trull	2022/09/02	83			3	Argo AUSTRALIA	SBE41CP_V7.2.5	16651	1	Drift starting ?
INCOIS	2902183		RAVICHANDRAN	2022/09/06	257	2022/09/16	258	3	Indian Argo	SBE41CP	7250	1	Slight drift
INCOIS	2902265		RAVICHANDRAN	2022/09/28	134			3	Argo INDIA	SBE41CP	11193	1	Slight drift
JMA	2903606		JAMSTEC	2022/09/26	140			3	Argo eq. JAMSTEC	SBE61_V5.0.2	5670	1	Drift
JMA	4902376		JAMSTEC	2022/08/23	187	2022/10/02	191	3	Argo JAMSTEC	SBE41CP_V2	7051	1	sight drift
JMA	4902380		JAMSTEC	2022/08/14	147	2022/09/23	151	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			3	Argo JAMSTEC	SBE41CP_V7.2.5	8370	1	Drift
MEDS	4902403		Blair Greenan	2022/09/28	205			3	Argo CANADA	SBE41CP	8988	1	Slight drift
<b>PREVIOUS REPORTS</b>	[in last 2 months]												
AOML	3900785		GREGORY C. JOHNSON	2022/07/31	353			3	Argo PMEL	SBE41	5103	1	Drift
AOML	3901284		GREGORY C. JOHNSON	2022/04/05	189	2022/10/02	207	3	Argo PMEL	SBE41CP	08546	1	Slight drift ?
AOML	3901296		GREGORY C. JOHNSON	2022/04/11	192	2022/09/08	207	3	Argo PMEL	SBE41CP	08656	1	Drift
AOML	4902088		GREGORY C. JOHNSON	2022/05/01	248	2022/09/28	263	3 & 4	Argo PMEL	SBE41CP	7178	1	Drift and bad values
AOML	4902314		GREGORY C. JOHNSON	2022/07/08	225	2022/08/27	230	3	Argo PMEL	SBE41CP	7544	1	Slight drift
AOML	4902907		GREGORY C. JOHNSON	2022/08/20	204			3	Argo PMEL	SBE41CP	8691	1	Slight drift
AOML	4902937		GREGORY C. JOHNSON	2022/02/25	172	2022/09/03	191	3	Argo PMEL	SBE41CP	09041	1	Slight drift
AOML	4903204		GREGORY C. JOHNSON	2022/07/22	116	2022/08/31	120	3	Argo PMEL	SBE41CP	11171	1	Slight drift
AOML	5903826		GREGORY C. JOHNSON	2022/08/05	362	2022/09/06	365	3	Argo PMEL	SBE41	5112	1	Slight drift
AOML	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 DIM (till cycle 254) PSAL in QC4
AOML	5904649		STEPHEN RISER	2022/10/01	211	2022/09/21	257	3	Argo UW	SBE41CP	6394	1	Slight drift at beginning, QC2 on PSAL but after large drift more than 7 psu
AOML	5904816		STEPHEN RISER	2022/09/20	207	2022/09/29	218	4	Argo UW	SBE41CP	7782	1	Large drift or Jump ? ASD
AOML	5904835		STEPHEN RISER	2022/08/19	214	2022/09/08	213	3	Argo UW	SBE41CP	7924	1	Slight drift ?
AOML	5905667		GREGORY C. JOHNSON	2022/08/21	147	2022/08/31	148	3	Argo PMEL	SBE41CP	09939	1	Slight drift
AOML	5906096		GREGORY C. JOHNSON	2022/07/24	118	2022/10/02	125	3	Argo PMEL	SBE41CP	11157	1	Drift
BODC	1901865		Jon Turton	2022/08/21	224	2022/09/20	227	3	Argo UK	SBE41_V3	6637	1	Slight drift ?
BODC	1901873		Jon Turton	2022/07/12	219	2022/09/29	227	3	Argo UK	SBE41CP_V7.2.5	08117	1	Drift ?
BODC	1901925		Jon Turton	2022/08/20	55	2022/09/28	59	3	Argo UK	SBE41CP_V7.2.5	10909	1	Drift with large jump ASD
BODC	3901951		Andy Rees	2022/05/27	171	2022/09/26	183	3	ARGO MOCCA	SBE41CP_V7.2.5	8554	1	Drift ASD
BODC	6903753		Brian King	2022/12/19	1	2022/09/24	68	3	Argo UK	RBR_ARGO3	203420	1	Drift - Finally start at cycle 1 instead of cycle 12
CORIOIUS	3901870		Peter Brandt	2022/08/04	210	2022/09/24	215	3	ARGO MOCCA	SBE41CP_V7.2.5	8123	1	Slight drift ?
CORIOIUS	3902004		Violeta SLABKOVA	2022/06/06	46	2022/10/01	69	3	Argo BULGARIA	SBE41CP_V7.2.5	13821	1	Slight drift
CORIOIUS	6902923		Sophie CRAVATTE	2022/08/28	128	2022/09/15	130	3	CORIOIUS	SBE41CP_V7.2.5	10769	1	Slight drift ?
CORIOIUS	6902930		Bernard BOURLES	2022/10/01	215	2022/09/26	219	3	CORIOIUS	SBE41CP_V7.2.5	10778	1	Slight drift ?
CORIOIUS	6902948		Charlotte COATANFONDAN	2022/08/21	109	2022/09/24	113	3	CORIOIUS	SBE41CP_V7.2.5	10849	1	Jump, starting drift ?
CORIOIUS	6903575		Kjell Arne Mork	2021/06/08	13	2022/09/06	103	3 & 4	Argo NORWAY	SBE41CP	12717	1	Drift, profile A ok but drift on profile D
INCOIS	2902184		M Ravichandran	2022/11/10	222	2022/09/26	254	3	Indian Argo	SBE41CP	6674	1	Slight drift
INCOIS	2902185		M Ravichandran	2022/12/29	190	2022/09/30	254	3	Indian Argo	SBE41CP	6670	1	
INCOIS	2902200		M Ravichandran	2022/05/24	228	2022/10/02	241	3	Indian Argo	SBE41	7649	1	Drift
INCOIS	2902201		M Ravichandran	2022/08/23	164	2022/10/02	241	3	Indian Argo	SBE41	7642	1	
INCOIS	2902209		M Ravichandran	2019/03/10	92	2022/09/16	223	3 & 4	Indian Argo	SBE41CP	8353	1	cycle 109 (20190824) is 0.25 psu saltier than surrounding profiles
INCOIS	2902210		RAVICHANDRAN	2021/09/24	233	2022/08/10	265	3	Indian Argo	SBE41CP	8358	1	Slight Drift, for some cycles, only the last measurement on PSAL is still with QC1 (it seems that before correction the last measurement was with QC4 and since this level is not corrected with minmax then comes back with QC1 after correction)
INCOIS	2902211		M Ravichandran	2020/02/22	162	2022/09/19	256	3	Indian Argo	SBE41CP	8355	1	Drift, like the floatat 2902210 for some cycles, only the last measurement on PSAL is still with QC1 (it seems that before correction the last measurement was with QC4 and since this level is not corrected with minmax then comes back with QC1 after correction)
INCOIS	2902222		M Ravichandran	2020/06/09	161	2022/10/02	209	3	Indian Argo	SBE41	6672	1	Drift
INCOIS	2902267		M Ravichandran	2021/08/08	93	2022/09/22	134	3 & 4	Argo INDIA	SBE41CP	11206	1	Slight drift
INCOIS	2902268		M Ravichandran	2022/06/15	91	2022/08/14	130	3	Argo INDIA	SBE41CP	11207	1	Slight drift
JMA	2903393		JAMSTEC	2022/07/18	151	2022/09/11	163	3	Argo eq. JAMSTEC	SBE41N	11079	1	Slight Drift
JMA	2903607		JAMSTEC	2022/05/22	105	2022/08/10	113	3	Argo JAMSTEC	SBE41CP_V7.2.5	10971	1	Slight drift, in grey list but for a short period, drift still observed
JMA	2903627		JMA	2022/08/17	159	2022/09/26	167	3	Argo JMA	SBE41CP_V7.2.5	12032	1	Slight Drift
JMA	2903790		JMA	2022/08/29	1			3	XXXXXXXXXX	SBE41CP_V7.2.5	14272	2	Bias comparing to neighbouring profiles
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	2022/10/01	152	3	Argo NIMS/KMA	SBE41CP	11994	2	Jump with bad data ? Recorded in grey list but still in alert
MEDS	4902443		Blair Greenan	2022/09/24	114	2022/09/21	132	3	Argo CANADA	SBE41CP	41CP-10472	1	Slight drift
MEDS	4902444		Blair Greenan	2022/05/21	120	2022/10/01	133	3	Argo CANADA	SBE41CP	41CP-10473	1	Slight drift ? Comparing to neighbour, seems drifted
MEDS	4902462		Blair Greenan	2022/07/31	90	2022/09/24	132	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>													
AOML	4902120		BRECK OWENS, STEVEN JAYNE, P.E. ROBBINS -> Grey List	2022/08/09	235	2022/08/30	237	3	Argo WHOI	SBE41CP	7271	1	Jump with drift
AOML	5902480		DEAN ROEMMICH -> Grey List	2022/07/16	222			3	Argo SIO	SBE41CP_V7.2.5	8162	3	Strange profiles of salinity, jump ?
AOML	5905258		DEAN ROEMMICH -> Grey List	2022/08/15	175	2022/09/04	177	3	Argo SIO	SBE41CP_V7.2.5	9656	1	Drift
CORIOIUS	3901670		Britt Klein -> Grey List	2022/08/30									

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

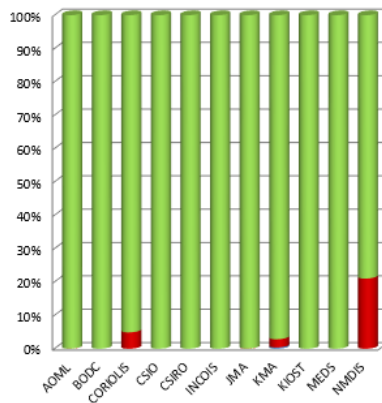


**Float (with profiles)**

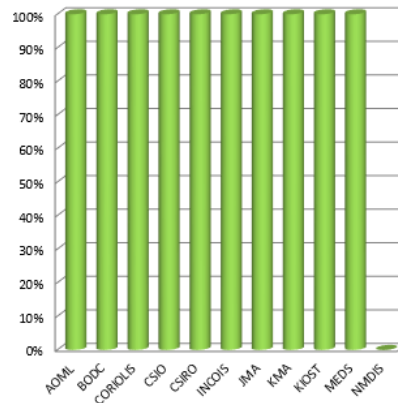


Plots showing format\_version percentage, for metadata-technical-trajectory and core profiles following dead or active floats.

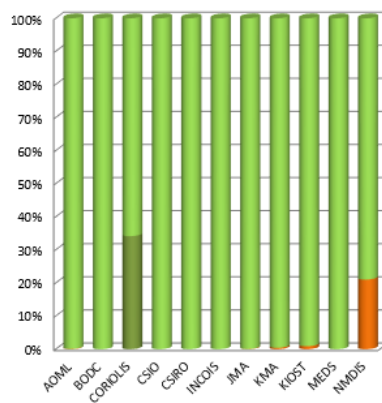
**Metadata Files - Dead floats**



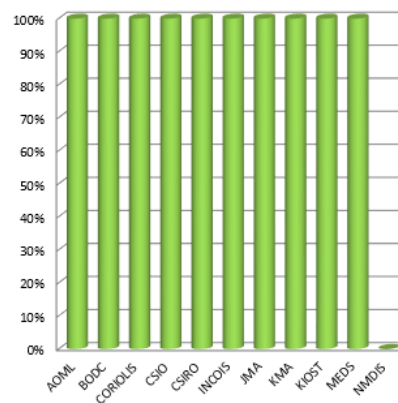
**Metadata Files - Active floats**



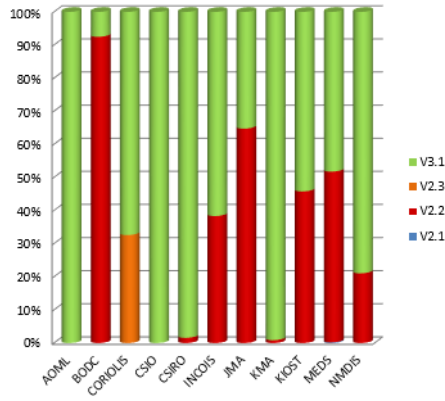
**Technical Files - Dead floats**



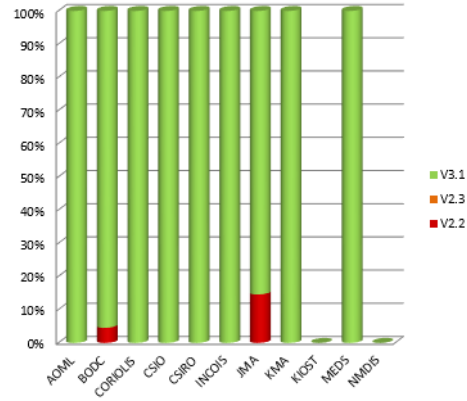
**Technical Files - Active floats**



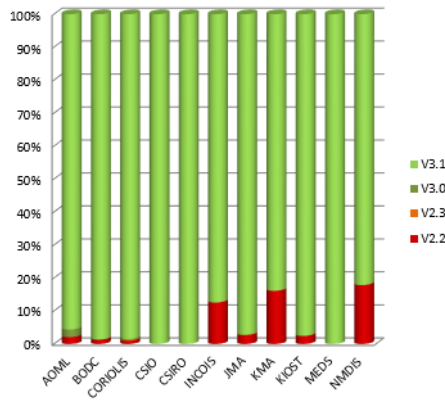
**Trajectory Files - Dead floats**



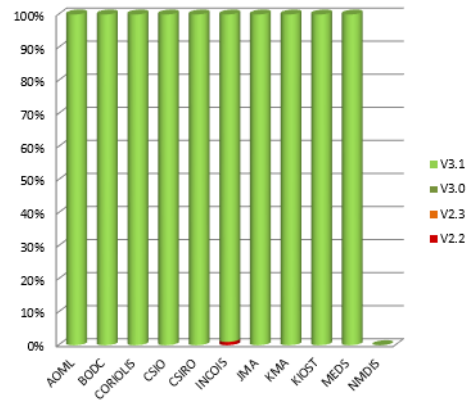
**Trajectory Files - Active floats**



**Profile files - Dead floats**

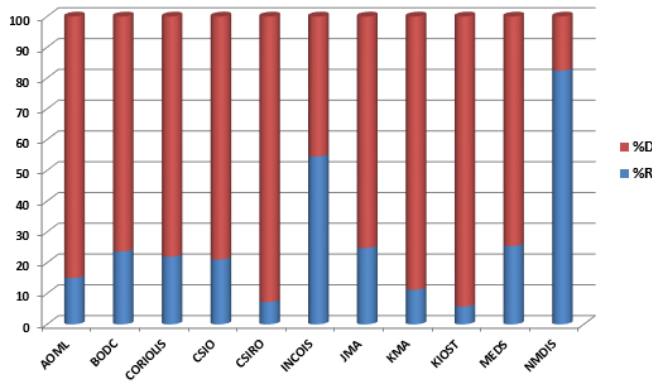


**Profile Files - Active floats**



**Delayed mode percentage by DAC**

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

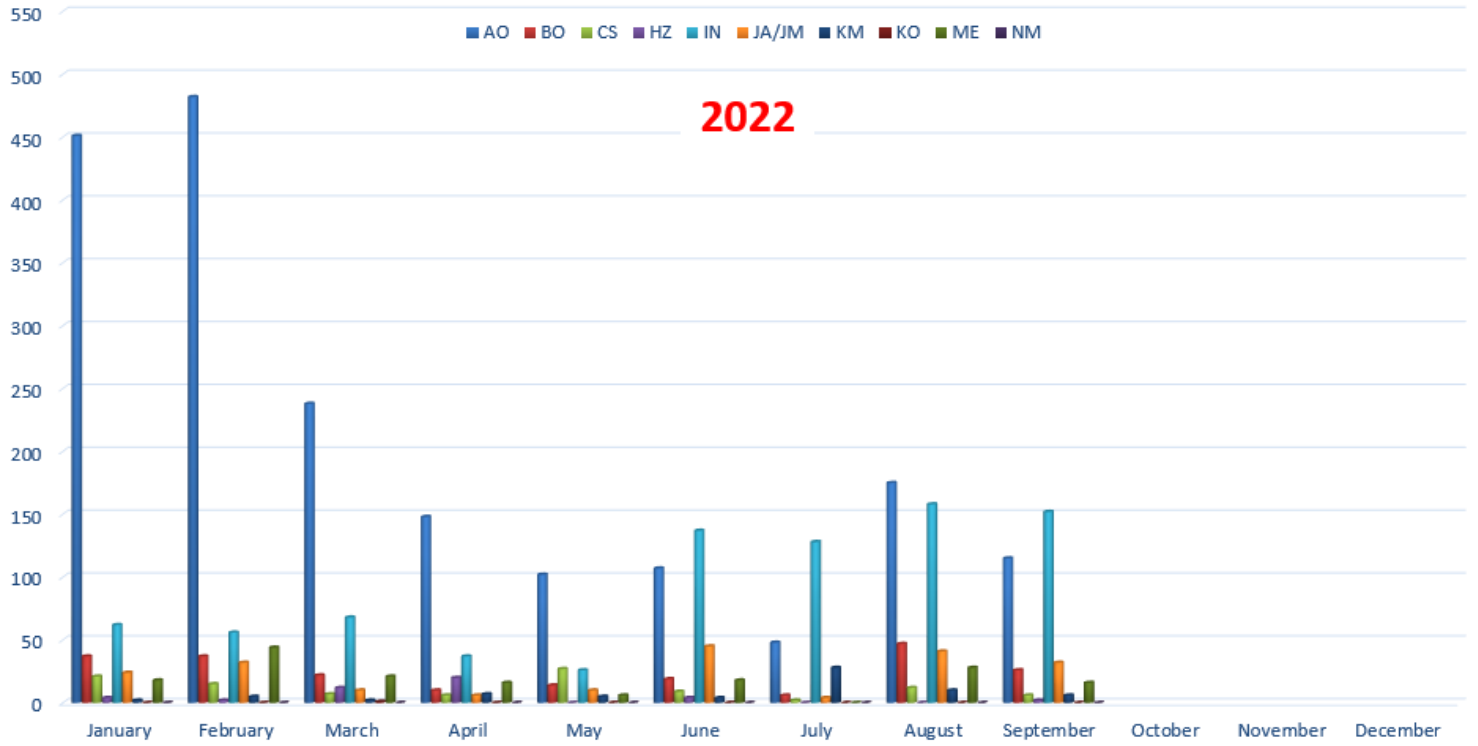


DACS	%R	%D
AOML	15,09	84,91
BODC	23,69	76,31
CORIOLIS	21,96	78,04
CSIO	21,07	78,93
CSIRO	7,24	92,76
INCOIS	54,55	45,45
JMA	24,80	75,20
KMA	11,25	88,75
KIOST	5,77	94,23
MEDS	25,46	74,54
NMDIS	82,44	17,56

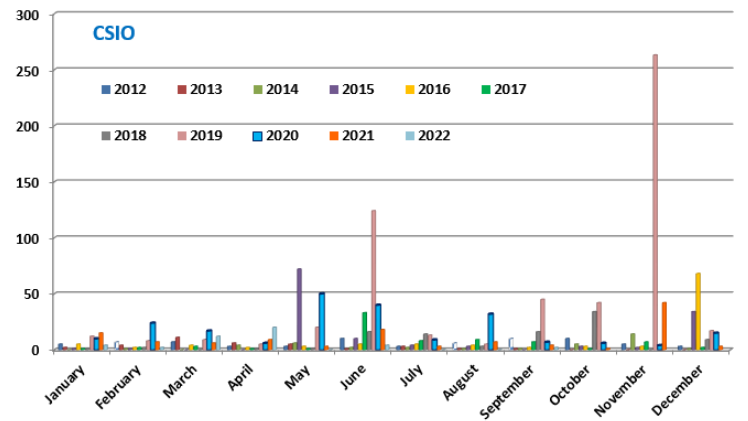
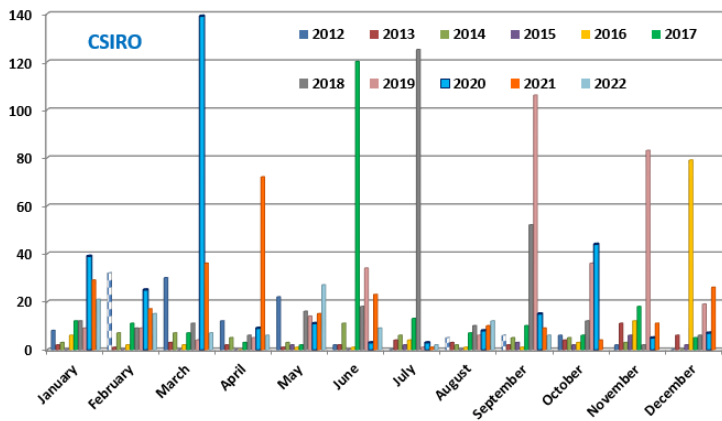
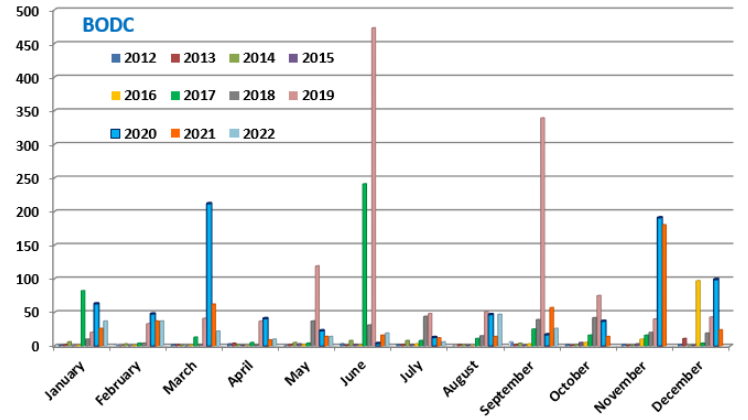
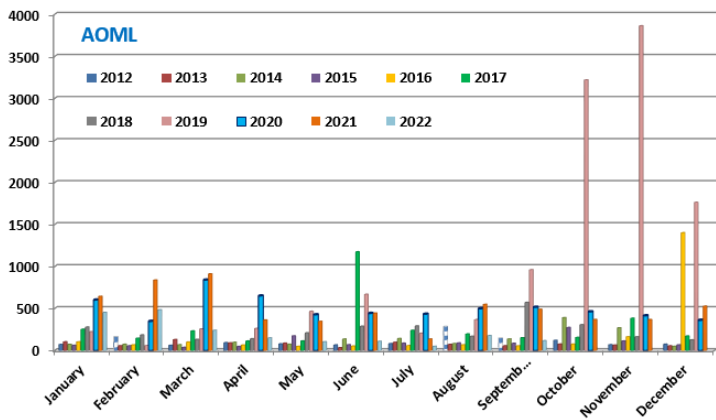
**3. Statistics on Anomalies**

Plots showing evolution of number of anomalies by DAC.

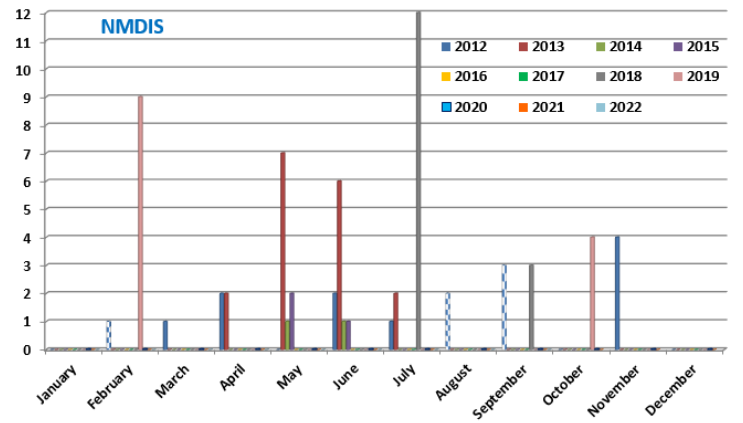
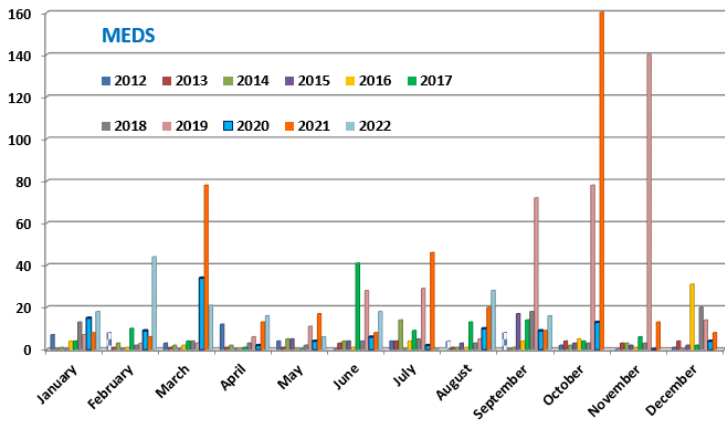
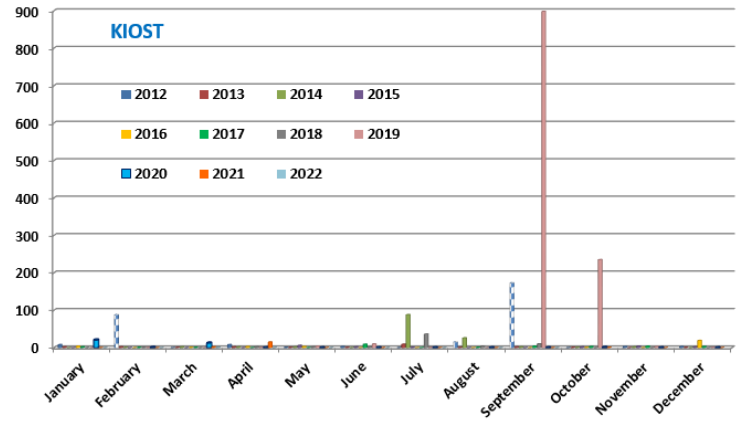
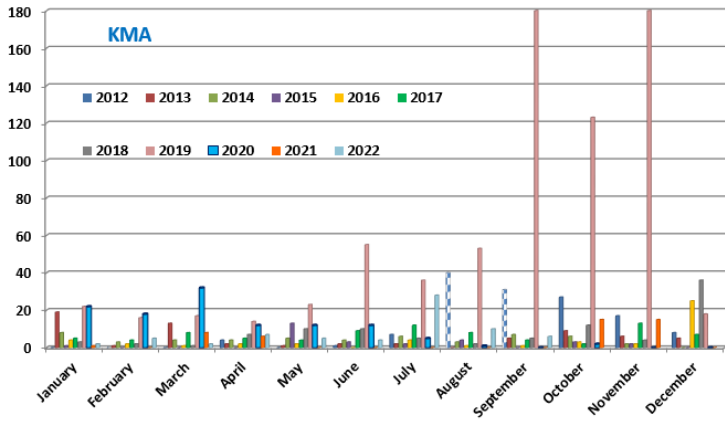
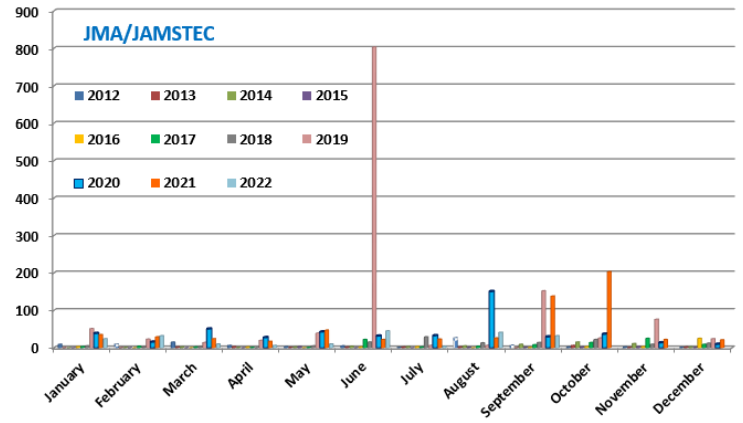
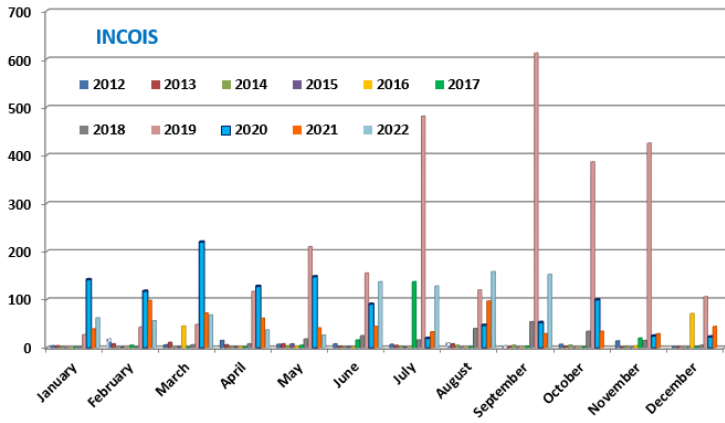
**3.1. Year**



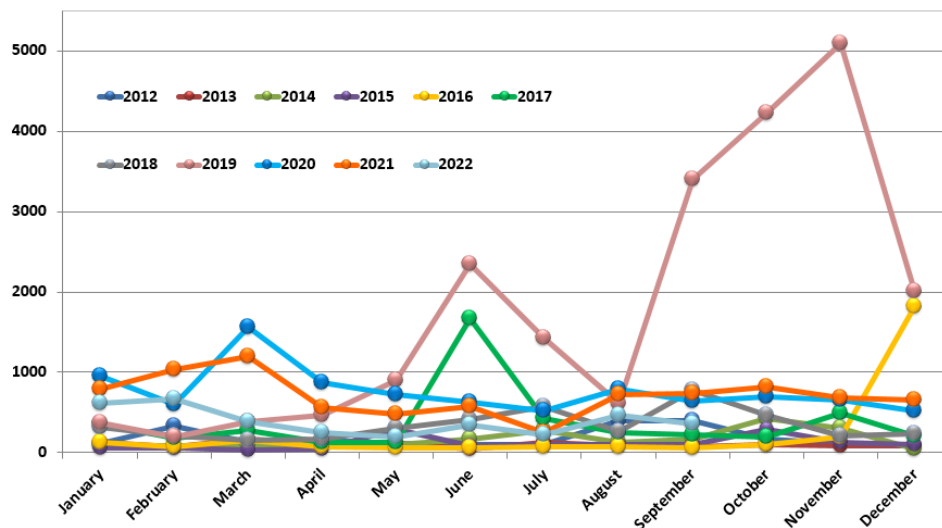
### 3.2. DAC







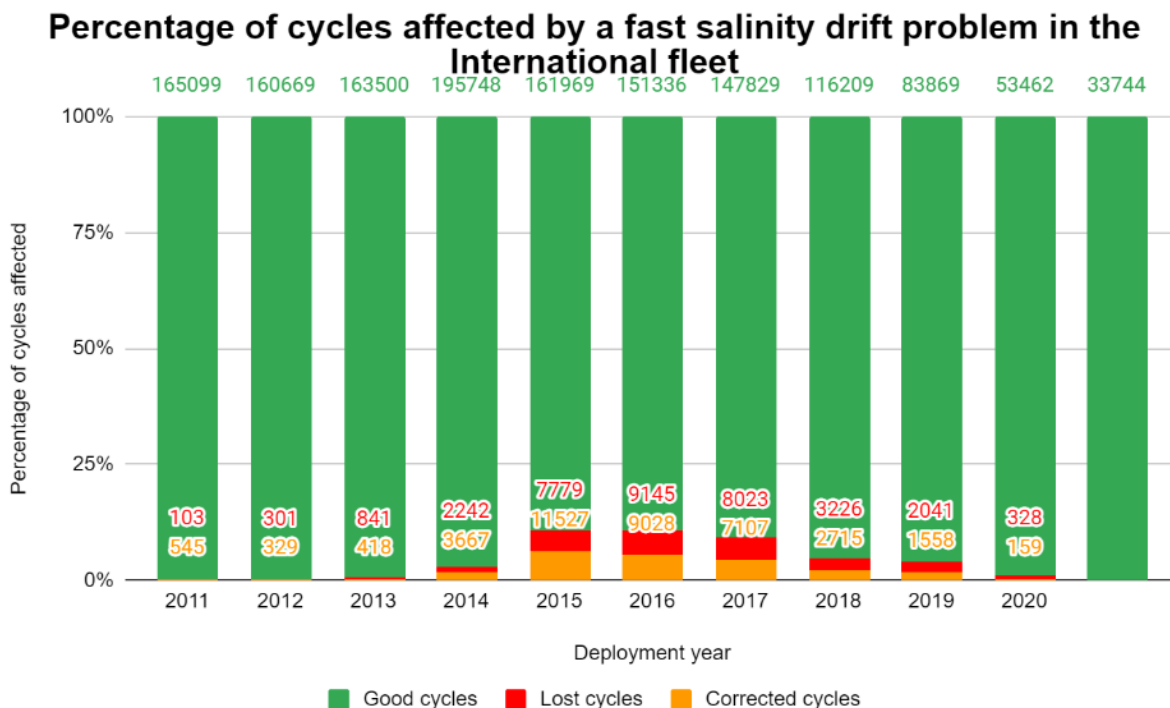
### 3.3. Anomalies by year, by month



#### 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 :

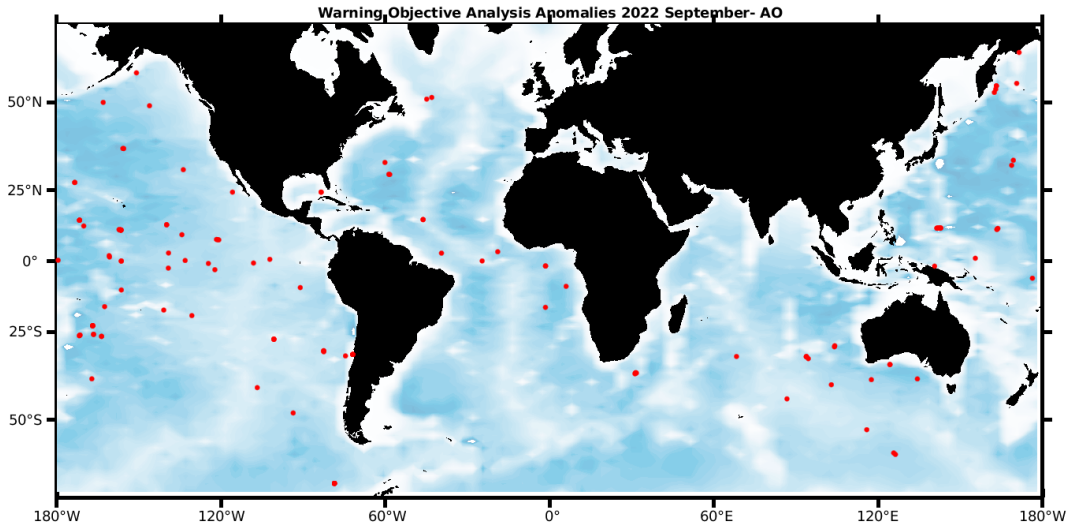
<https://docs.google.com/spreadsheets/d/1TA7SAnTiUvCK7AyGtSTUq3gu9QFbVdONj9M9zAq8CJU/edit#gid=1096144849>

## 5. DAC Anomalies

### 5.1. DAC AOML

Profiles detected by the objective analysis: 115 profiles (83 floats but floats can have several cycles with anomalies)

Data_mode ='R'	Data_mode ='A'	Data_mode ='D'
21 cycles	91 cycles	3 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'

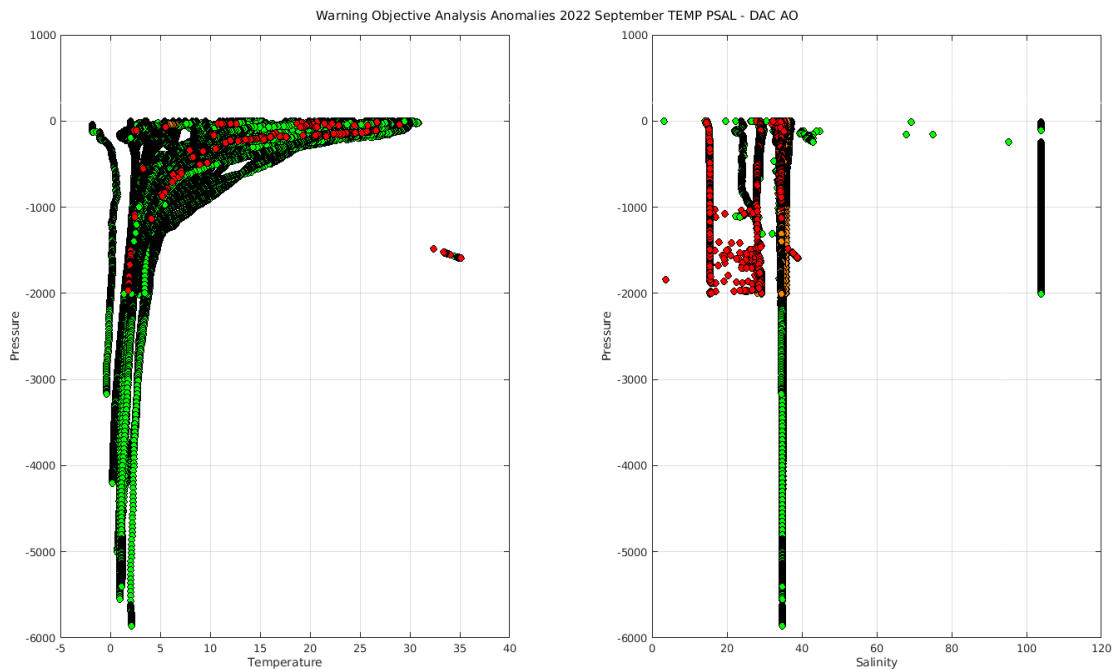
Float : 1901820 - Cycle : 236 - PI : BRECK OWENS, STEVEN JAYNE, P.E. ROBBINS - Data mode : A - Platform type : S2A - WMO inst type : 854 - FLOAT SERIAL : 7356 - Date : 2022 9 27  
Float : 1902030 - Cycle : 226 - PI : DEAN ROEMMICH - Data mode : A - Platform type : SOLO\_II - WMO inst type : 853 - FLOAT SERIAL : 8498 - Date : 2022 9 20  
Float : 1902375 - Cycle : 30 - PI : WIJFFELS, JAYNE, ROBBINS - Data mode : R - Platform type : S2A - WMO inst type : 854 - FLOAT SERIAL : 7610 - Date : 2022 9 6  
Float : 1902430 - Cycle : 25 - PI : SUSAN WIJFFELS, STEVEN JAYNE, PELLE ROBBINS - Data mode : R - Platform type : S2A - WMO inst type : 854 - FLOAT SERIAL : 7761 - Date : 2022 9 7  
Float : 1902434 - Cycle : 28 - PI : WHOI: WIJFFELS, JAYNE, ROBBINS - Data mode : R - Platform type : S2A - WMO inst type : 854 - FLOAT SERIAL : 7766 - Date : 2022 9 6  
Float : 1902441 - Cycle : 25 - PI : SUSAN WIJFFELS, STEVEN JAYNE, PELLE ROBBINS - Data mode : R - Platform type : S2A - WMO inst type : 854 - FLOAT SERIAL : 7695 - Date : 2022 8 28  
Float : 3901191 - Cycle : 270 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : NAVIS\_A - WMO inst type : 863 - FLOAT SERIAL : 0426 - Date : 2022 9 5  
Float : 3901203 - Cycle : 237 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : NAVIS\_A - WMO inst type : 863 - FLOAT SERIAL : 0559 - Date : 2022 9 11  
Float : 3901221 - Cycle : 260 - PI : BRECK OWENS, STEVEN JAYNE, P.E. ROBBINS - Data mode : A - Platform type : S2A - WMO inst type : 854 - FLOAT SERIAL : 7305 - Date : 2022 8 27  
Float : 3901221 - Cycle : 261 - PI : BRECK OWENS, STEVEN JAYNE, P.E. ROBBINS - Data mode : A - Platform type : S2A - WMO inst type : 854 - FLOAT SERIAL : 7305 - Date : 2022 9 6  
Float : 3901221 - Cycle : 262 - PI : BRECK OWENS, STEVEN JAYNE, P.E. ROBBINS - Data mode : A - Platform type : S2A - WMO inst type : 854 - FLOAT SERIAL : 7305 - Date : 2022 9 16  
Float : 3901256 - Cycle : 206 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : NAVIS\_A - WMO inst type : 863 - FLOAT SERIAL : 0683 - Date : 2022 9 23  
Float : 3901284 - Cycle : 204 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : NAVIS\_A - WMO inst type : 863 - FLOAT SERIAL : 0713 - Date : 2022 9 2  
Float : 3901284 - Cycle : 205 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : NAVIS\_A - WMO inst type : 863 - FLOAT SERIAL : 0713 - Date : 2022 9 12  
Float : 3901284 - Cycle : 206 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : NAVIS\_A - WMO inst type : 863 - FLOAT SERIAL : 0713 - Date : 2022 9 22  
Float : 3901296 - Cycle : 207 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : NAVIS\_A - WMO inst type : 863 - FLOAT SERIAL : 0739 - Date : 2022 9 8  
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 : 3902163 - Cycle : 124 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : SOLO\_D\_MRV - WMO inst type : 874 - FLOAT SERIAL : 12028 - Date : 2022 8 22  
Float : 3902163 - Cycle : 125 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : SOLO\_D\_MRV - WMO inst type : 874 - FLOAT SERIAL : 12028 - Date : 2022 8 31  
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 : 3902168 - Cycle : 101 - PI : WIJFFELS, JAYNE, ROBBINS - Data mode : A - Platform type : S2A - WMO inst type : 854 - FLOAT SERIAL : 7587 - Date : 2022 4 19  
Float : 3902173 - Cycle : 103 - PI : DEAN ROEMMICH - Data mode : R - Platform type : SOLO\_II - WMO inst type : 853 - FLOAT SERIAL : 8820 - Date : 2022 8 29  
Float : 3902275 - Cycle : 60 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : NAVIS\_A - WMO inst type : 863 - FLOAT SERIAL : 1171 - Date : 2022 9 11  
Float : 4901656 - Cycle : 289 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : NAVIS\_A - WMO inst type : 863 - FLOAT SERIAL : 0335 - Date : 2022 9 2  
Float : 4901656 - Cycle : 290 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : NAVIS\_A - WMO inst type : 863 - FLOAT SERIAL : 0335 - Date : 2022 9 12  
Float : 4901656 - Cycle : 291 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : NAVIS\_A - WMO inst type : 863 - FLOAT SERIAL : 0335 - Date : 2022 9 22  
Float : 4902088 - Cycle : 261 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : NAVIS\_A - WMO inst type : 863 - FLOAT SERIAL : 0538 - Date : 2022 9 8  
Float : 4902088 - Cycle : 262 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : NAVIS\_A - WMO inst type : 863 - FLOAT SERIAL : 0538 - Date : 2022 9 18  
Float : 4902088 - Cycle : 263 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : NAVIS\_A - WMO inst type : 863 - FLOAT SERIAL : 0538 - Date : 2022 9 28  
Float : 4902324 - Cycle : 43 - PI : DEAN ROEMMICH - Data mode : A - Platform type : SOLO\_D - WMO inst type : 862 - FLOAT SERIAL : 6027 - Date : 2018 5 30  
Float : 4902911 - Cycle : 154 - PI : BRECK OWENS, STEVEN JAYNE, P.E. ROBBINS - Data mode : A - Platform type : S2A - WMO inst type : 854 - FLOAT SERIAL : 7423 - Date : 2021 5 20  
Float : 4902928 - Cycle : 175 - PI : BRECK OWENS, STEVEN JAYNE, P.E. ROBBINS - Data mode : R - Platform type : S2A - WMO inst type : 854 - FLOAT SERIAL : 7463 - Date : 2022 9 6  
Float : 4902937 - Cycle : 191 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : NAVIS\_A - WMO inst type : 863 - FLOAT SERIAL : 0779 - Date : 2022 9 3



Float : 5906415 - Cycle : 52 - PI : DEAN ROEMMICH, NATHALIE ZILBERMAN, SARAH PURKEY, JOHN GILSON - Data mode : A - Platform type : SOLO\_D - WMO inst type : 862 - FLOAT SERIAL : 6077 - Date : 2022 3 16  
 Float : 5906534 - Cycle : 7 - PI : STEPHEN RISER/KEN JOHNSON - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 9418 - Date : 2022 9 1  
 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  
 Float : 7900679 - Cycle : 33 - PI : DEAN ROEMMICH - Data mode : A - Platform type : SOLO\_D - WMO inst type : 862 - FLOAT SERIAL : 6042 - Date : 2018 10 1

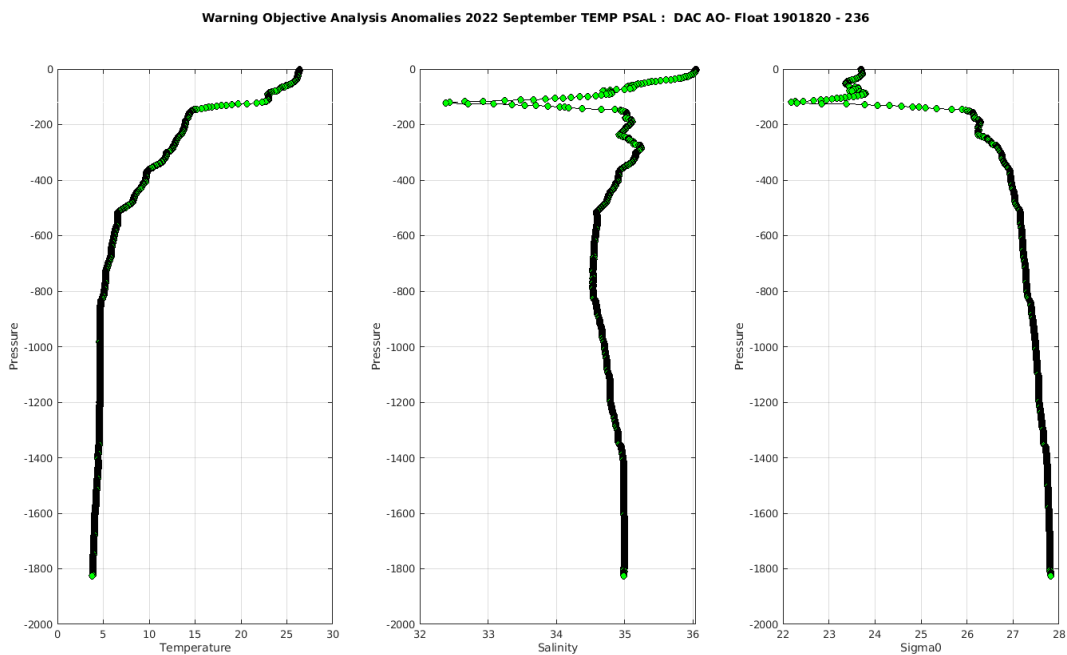
**Files data mode='D' [in red corrections concern only raw data, all of the adjusted data is qc='4'. These files are pretty old and the old standard was to leave the raw qc values as designated during real time processing and just modify the adjusted flags during DMQC]**

Float : 3902168 - Cycle : 6 - PI : WIJFFELS, JAYNE, ROBBINS - Data mode : D - Platform type : S2A - WMO inst type : 854 - FLOAT SERIAL : 7587 - Date : 2019 9 23  
 Float : 5905686 - Cycle : 100 - PI : DEAN ROEMMICH - Data mode : D - Platform type : SOLO\_II - WMO inst type : 853 - FLOAT SERIAL : 8663 - Date : 2021 3 31  
 Float : 5905772 - Cycle : 93 - PI : DEAN ROEMMICH - Data mode : D - Platform type : SOLO\_II - WMO inst type : 853 - FLOAT SERIAL : 8715 - Date : 2021 2 27

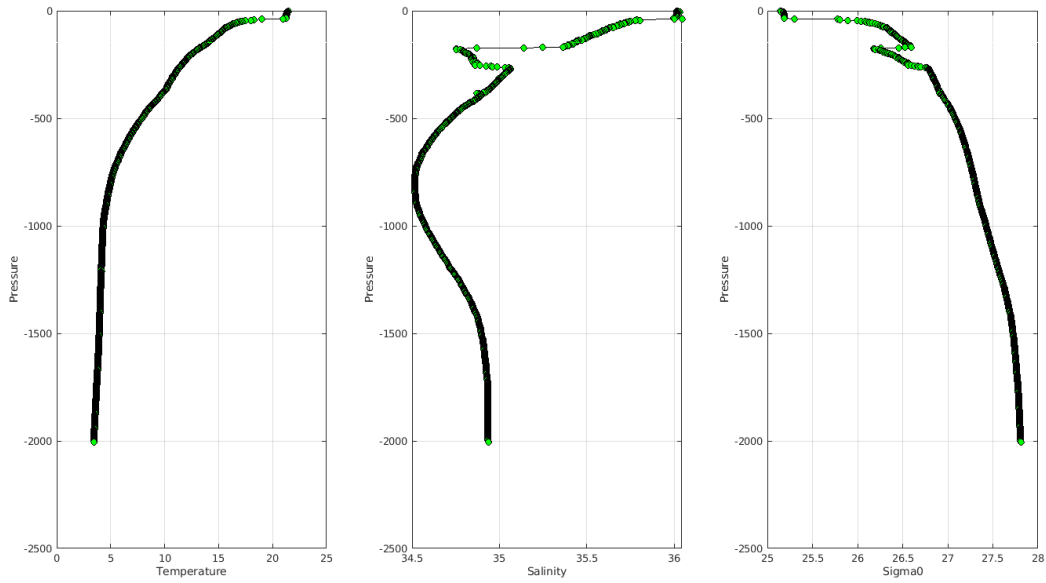


The list of the anomalies can be found at <https://data-argo.ifremer.fr/etc/ObjectiveAnalysisWarning/aom/>

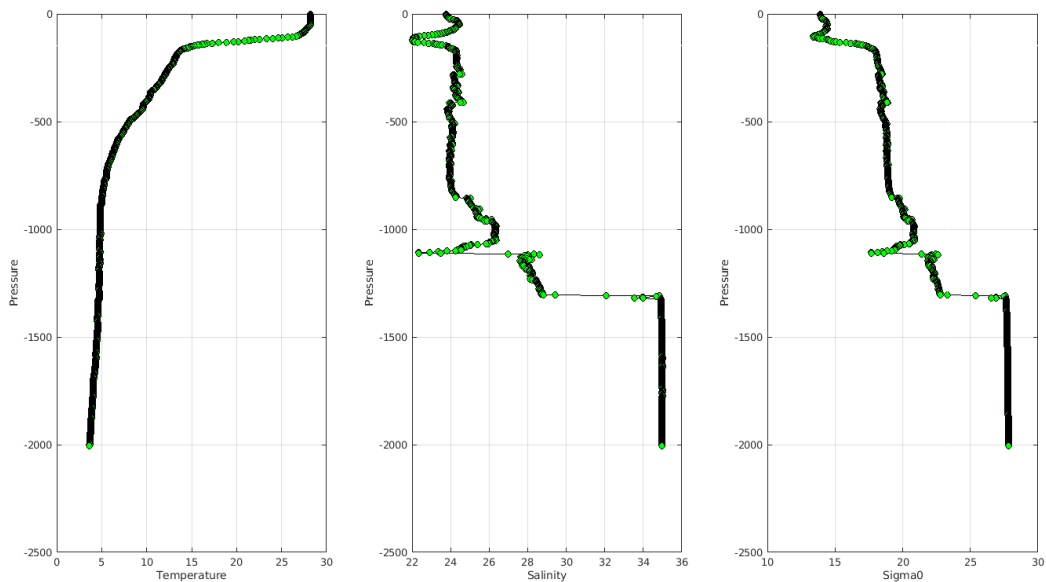
Example of anomalies:



Warning Objective Analysis Anomalies 2022 September TEMP PSAL : DAC AO- Float 1902430 - 25



Warning Objective Analysis Anomalies 2022 September TEMP PSAL : DAC AO- Float 3902168 - 6



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

- Error on practical salinity adjusted error :

PI\_name = GREGORY C. JOHNSON - Float 4900812 cycle 9 strange values on PSAL\_ADJUSTED\_ERROR

PSAL\_ADJUSTED\_ERROR =  
957109.750, 958123.688, 980430.125, 1007920.750, 1010353.875, 1017708.312, 1023617.375, 1025777.875, 1028215.812, 1027735.562, 1027554.250, .....

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

For instance cycle 7 PSAL\_ADJUSTED\_ERROR = 1266694.875, 1266783.750, 1266694.625, 1266685.500, 1266678.875, .....

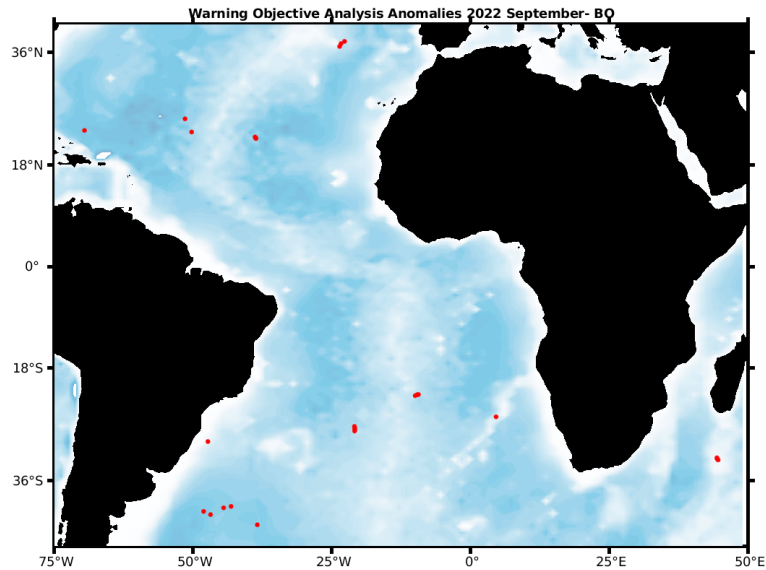
PI\_name = CARL SZCZECOWSKI - Float 6900376 cycle 44 to cycle 92 – cycle 98 to 128 – cycle 131 to 135

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

## 5.2. DAC BODC

Profiles detected by the objective analysis: 26 profiles (12 floats but floats can have several cycles with anomalies)

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



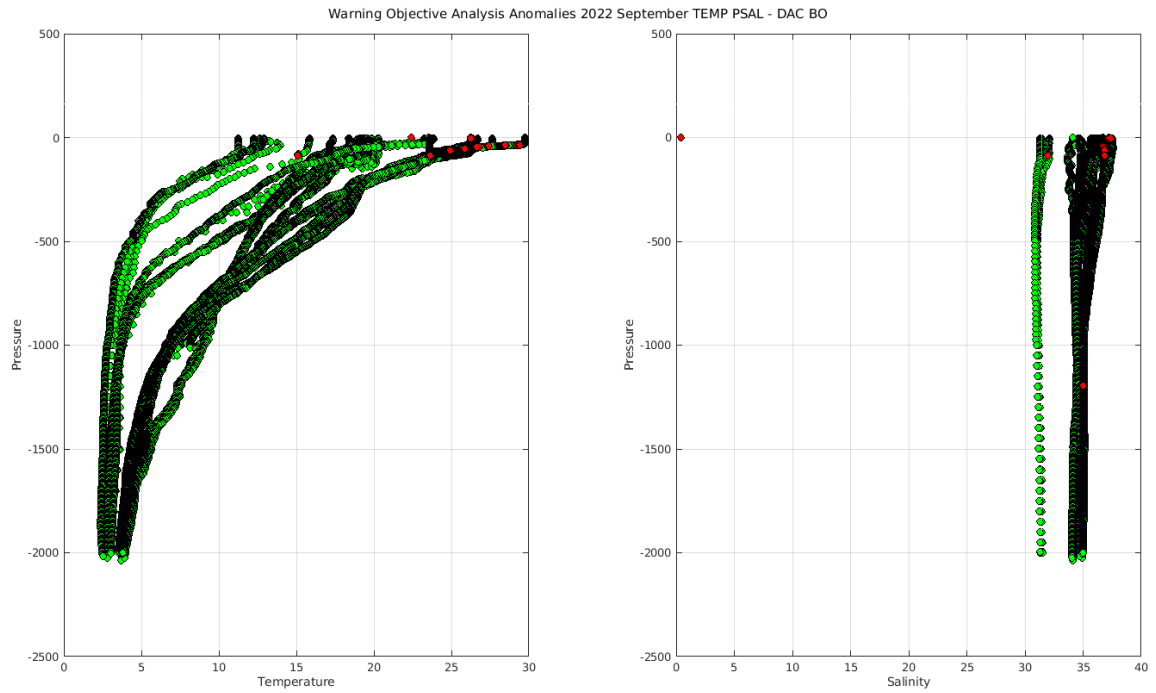
**Status of corrections: Correction in progress, regular feedback.**

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

Float : 1901854 - Cycle : 252 - PI : Jon Turton - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 6992 - Date : 2021 7 24  
 Float : 1901865 - Cycle : 225 - PI : Jon Turton - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7214 - Date : 2022 8 31  
 Float : 1901865 - Cycle : 226 - PI : Jon Turton - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7214 - Date : 2022 9 10  
 Float : 1901865 - Cycle : 227 - PI : Jon Turton - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7214 - Date : 2022 9 20  
 Float : 1901873 - Cycle : 224 - PI : Jon Turton - Data mode : A - Platform type : NAVIS\_EBR - WMO inst type : 869 - FLOAT SERIAL : 0662 - Date : 2022 8 31  
 Float : 1901873 - Cycle : 225 - PI : Jon Turton - Data mode : A - Platform type : NAVIS\_EBR - WMO inst type : 869 - FLOAT SERIAL : 0662 - Date : 2022 9 10  
 Float : 1901873 - Cycle : 226 - PI : Jon Turton - Data mode : A - Platform type : NAVIS\_EBR - WMO inst type : 869 - FLOAT SERIAL : 0662 - Date : 2022 9 20  
 Float : 1901925 - Cycle : 56 - PI : Jon Turton - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 8575 - Date : 2022 8 30  
 Float : 1901925 - Cycle : 57 - PI : Jon Turton - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 8575 - Date : 2022 9 8  
 Float : 1901925 - Cycle : 58 - PI : Jon Turton - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 8575 - Date : 2022 9 18  
 Float : 1901925 - Cycle : 59 - PI : Jon Turton - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 8575 - Date : 2022 9 28  
 Float : 3901938 - Cycle : 179 - PI : Romain Cancouet - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : AI2600-16FR081 - Date : 2022 8 24  
 Float : 3901938 - Cycle : 180 - PI : Romain Cancouet - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : AI2600-16FR081 - Date : 2022 9 4  
 Float : 3901938 - Cycle : 181 - PI : Romain Cancouet - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : AI2600-16FR081 - Date : 2022 9 14  
 Float : 3901938 - Cycle : 182 - PI : Romain Cancouet - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : AI2600-16FR081 - Date : 2022 9 24  
 Float : 3901951 - Cycle : 181 - PI : Andy Rees - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : AI2600-16FR094 - Date : 2022 9 5  
 Float : 3901951 - Cycle : 182 - PI : Andy Rees - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : AI2600-16FR094 - Date : 2022 9 16  
 Float : 3901951 - Cycle : 183 - PI : Andy Rees - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : AI2600-16FR094 - Date : 2022 9 26  
 Float : 3901964 - Cycle : 218 - PI : Romain Cancouet - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : AI2600-16FR107 - Date : 2022 9 22  
 Float : 6903727 - Cycle : 99 - PI : Brian King - Data mode : A - Platform type : APEX - WMO inst type : 877 - FLOAT SERIAL : 7625 - Date : 2022 9 14  
 Float : 6903752 - Cycle : 64 - PI : Brian King - Data mode : A - Platform type : APEX - WMO inst type : 877 - FLOAT SERIAL : 9136 - Date : 2022 9 3  
 Float : 6903753 - Cycle : 66 - PI : Brian King - Data mode : A - Platform type : APEX - WMO inst type : 877 - FLOAT SERIAL : 9137 - Date : 2022 9 5  
 Float : 6903753 - Cycle : 67 - PI : Brian King - Data mode : A - Platform type : APEX - WMO inst type : 877 - FLOAT SERIAL : 9137 - Date : 2022 9 15  
 Float : 6903753 - Cycle : 68 - PI : Brian King - Data mode : A - Platform type : APEX - WMO inst type : 877 - FLOAT SERIAL : 9137 - Date : 2022 9 24  
 Float : 6903754 - Cycle : 12 - PI : Brian King - Data mode : A - Platform type : APEX - WMO inst type : 877 - FLOAT SERIAL : 9187 - Date : 2021 4 11

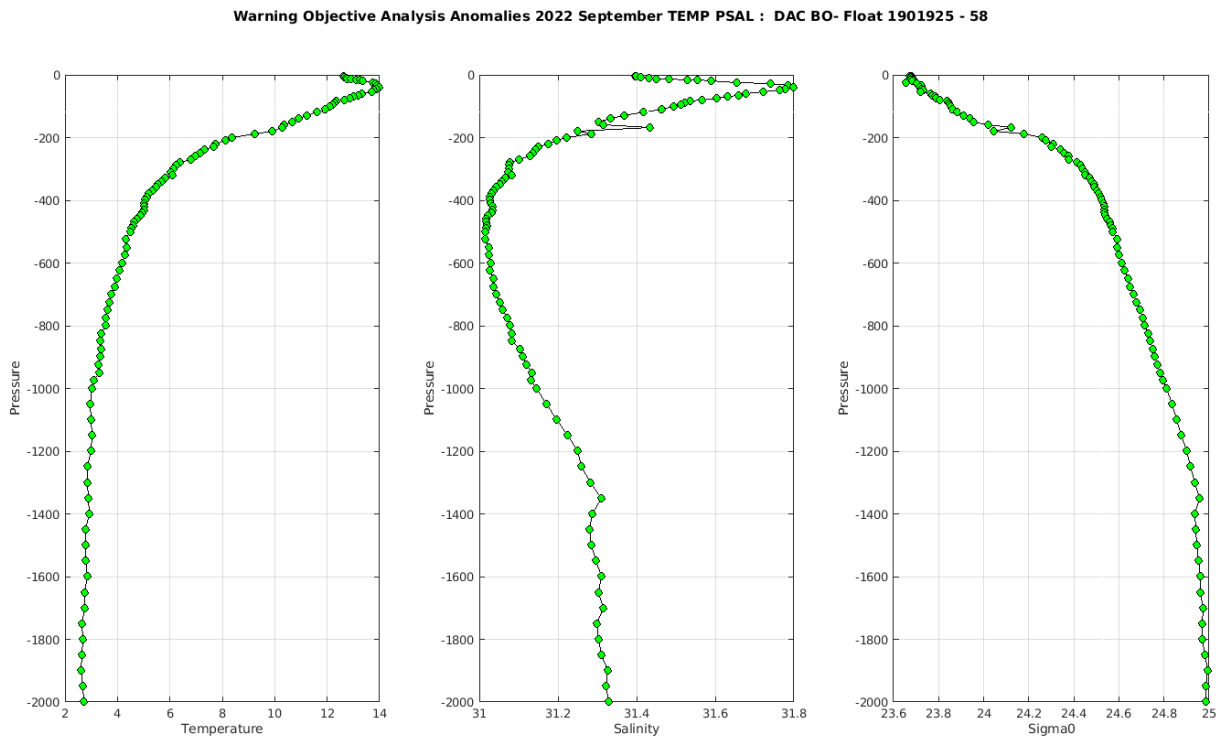
### Files data mode='D'

Float : 3901946 - Cycle : 67 - PI : Andreas Sterl - Data mode : D - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : AI2600-16FR089 - Date : 2019 11 16



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, ....)

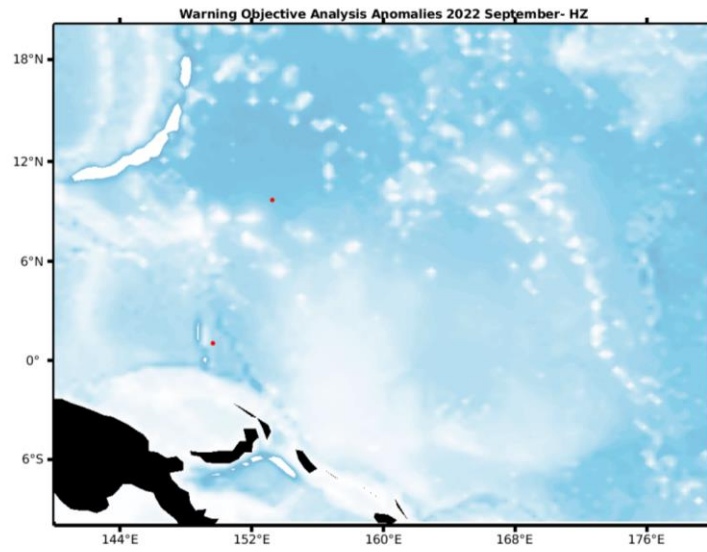
<a href="#">D6901181_350.nc</a>	17-May-2019 16:39 242K	<a href="#">R6901181_011.nc</a>	03-Jun-2022 13:37 150K
<a href="#">D6901181_351.nc</a>	17-May-2019 16:39 240K	<a href="#">R6901181_011D.nc</a>	03-Jun-2022 13:37 146K
<a href="#">D6901181_352.nc</a>	17-May-2019 16:39 243K	<a href="#">R6901181_012.nc</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: 2 profiles (2 floats but floats can have several cycles with anomalies)

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

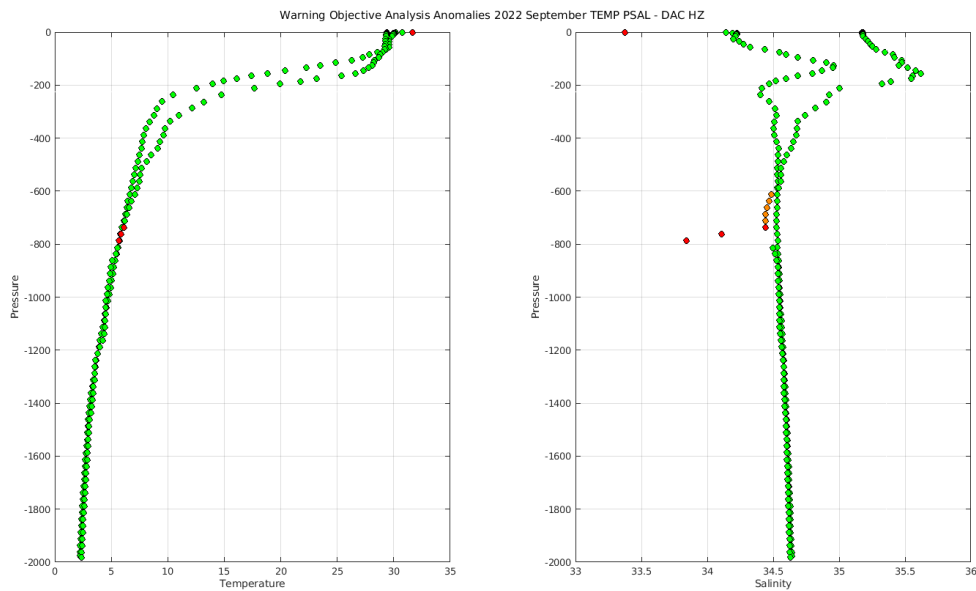


**Status of corrections:** No regular feedback, corrections seem done. Feedback for DM profiles.

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

Float : 2902806 - Cycle : 87 - PI : FENG ZHOU - Data mode : A - Platform type : PROVOR - WMO inst type : 841 - FLOAT SERIAL : P32800-20CH003 - Date : 2022 9 16  
 Float : 2902809 - Cycle : 88 - PI : FENG ZHOU - Data mode : A - Platform type : PROVOR - WMO inst type : 841 - FLOAT SERIAL : P32800-20CH006 - Date : 2022 9 9

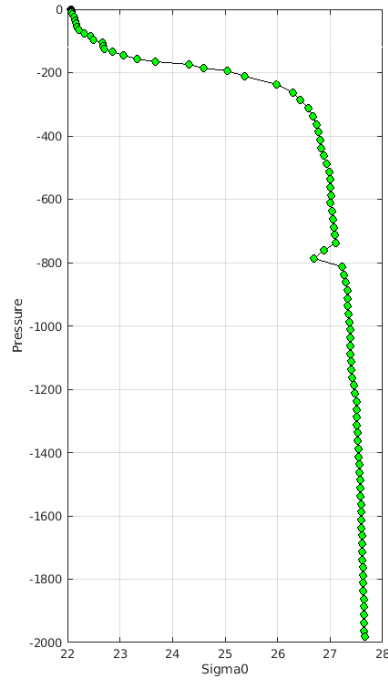
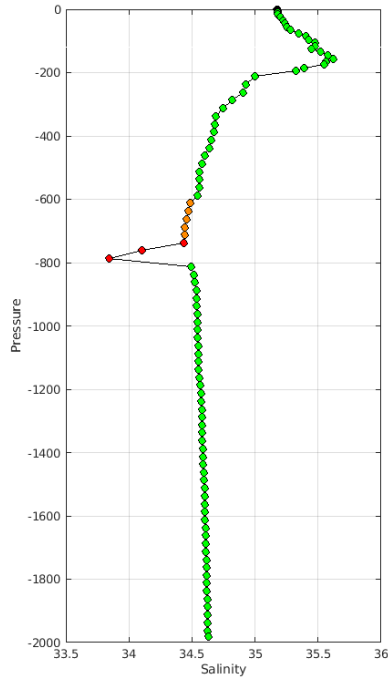
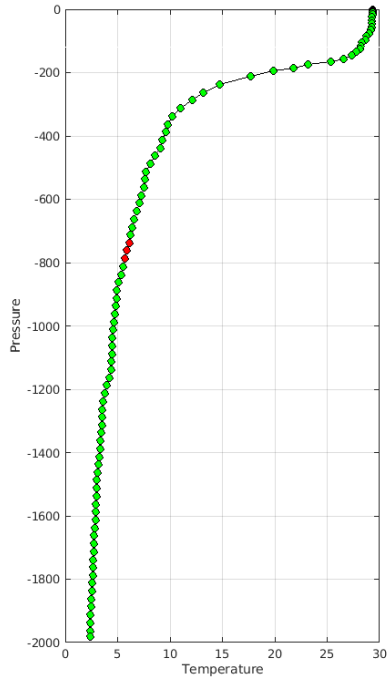
#### Files data\_mode='D'



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

Example of anomalies:

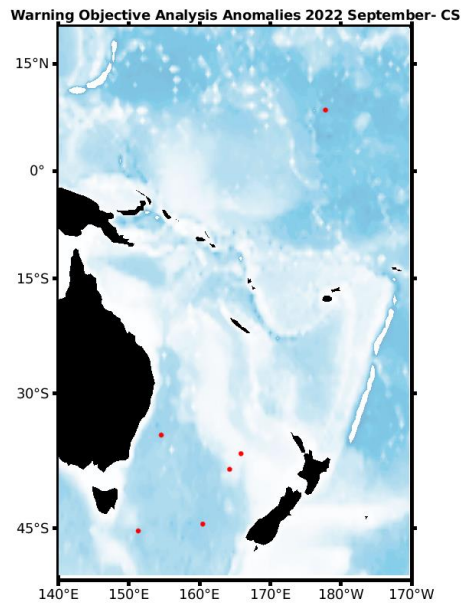
Warning Objective Analysis Anomalies 2022 September TEMP PSAL : DAC HZ- Float 2902809 - 88



5.4. DAC CSIRO

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

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

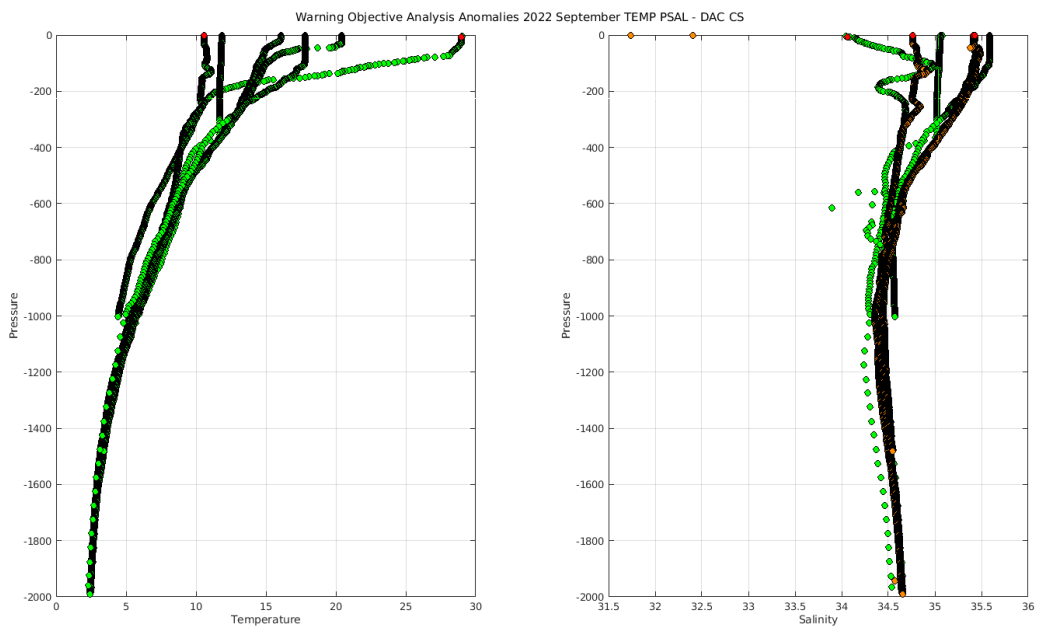


**Status of corrections: Corrections done or in progress, regular feedback.**

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

- Float : 5905489 - Cycle : 80 - PI : Peter Oke - Data mode : A - Platform type : NAVIS\_EBR - WMO inst type : 869 - FLOAT SERIAL : 1327 - Date : 2022 9 26
- Float : 5905501 - Cycle : 83 - PI : Tom Trull - Data mode : A - Platform type : PROVOR\_III - WMO inst type : 836 - FLOAT SERIAL : P44043-22AU001 - Date : 2022 9 2
- Float : 5906619 - Cycle : 10 - PI : Peter Oke - Data mode : A - Platform type : ALTO - WMO inst type : 875 - FLOAT SERIAL : 11159 - Date : 2020 10 9
- Float : 5906619 - Cycle : 87 - PI : Peter Oke - Data mode : A - Platform type : ALTO - WMO inst type : 875 - FLOAT SERIAL : 11159 - Date : 2021 11 11
- Float : 5906619 - Cycle : 96 - PI : Peter Oke - Data mode : A - Platform type : ALTO - WMO inst type : 875 - FLOAT SERIAL : 11159 - Date : 2022 2 11
- Float : 5906635 - Cycle : 21 - PI : Tom Trull - Data mode : A - Platform type : PROVOR\_III - WMO inst type : 836 - FLOAT SERIAL : P43208-20AU001 - Date : 2021 6 30

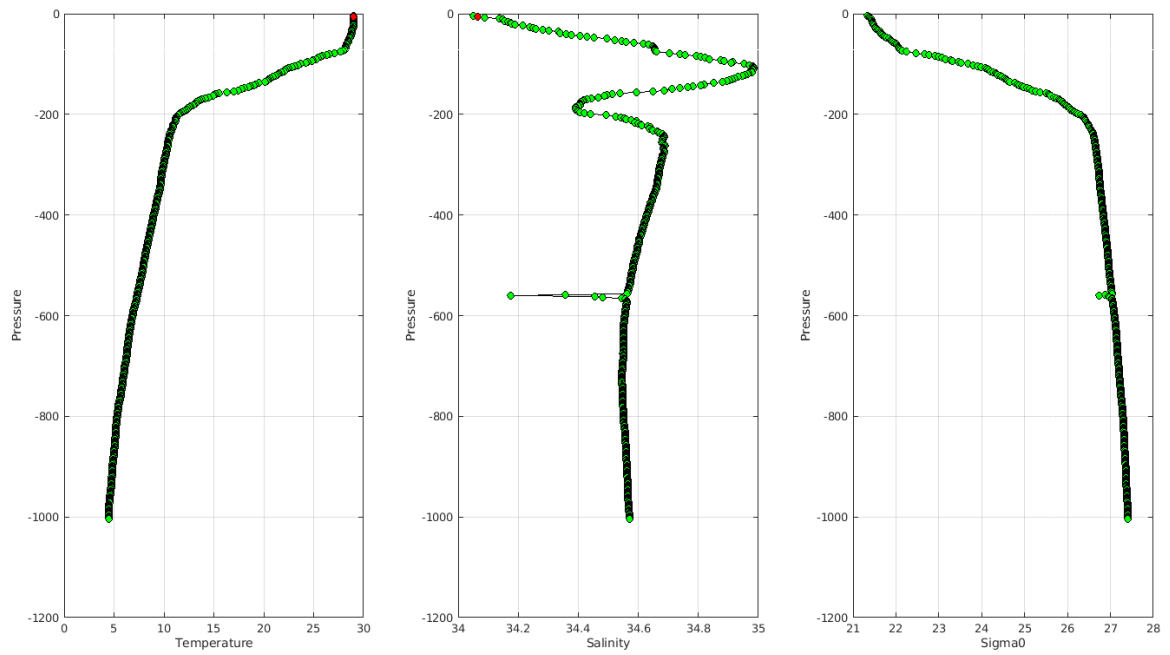
Files data\_mode='D'



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

Example of anomalies:

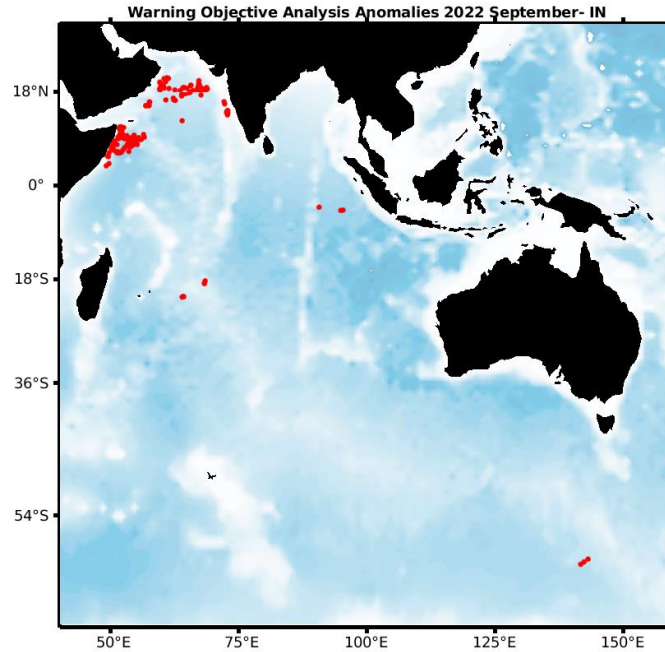
Warning Objective Analysis Anomalies 2022 September TEMP PSAL : DAC CS- Float 5905489 - 80



## 5.5. DAC INCOIS

Profiles detected by the objective analysis: 152 profiles (13 floats but floats can have several cycles with anomalies)

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



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

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

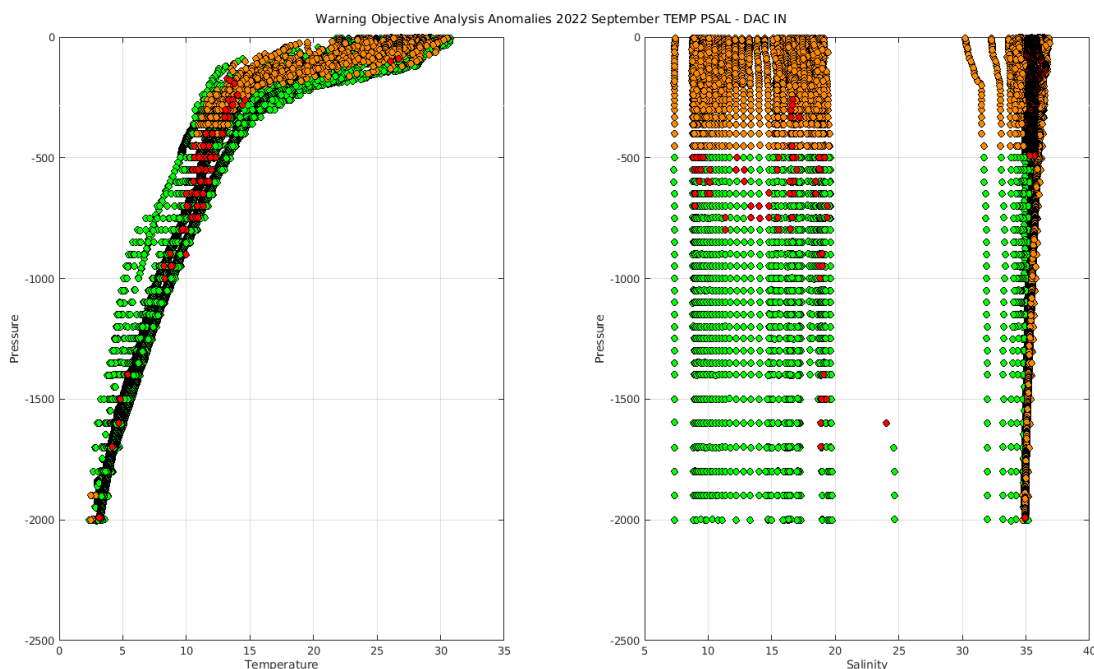
Float : 2902174 - Cycle : 169 - PI : M Ravichandran - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7124 - Date : 2016	1	19
Float : 2902174 - Cycle : 205 - PI : M Ravichandran - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7124 - Date : 2017	1	5
Float : 2902174 - Cycle : 340 - PI : M Ravichandran - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7124 - Date : 2019	7	7
Float : 2902174 - Cycle : 381 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7124 - Date : 2020	8	22
Float : 2902174 - Cycle : 386 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7124 - Date : 2020	10	11
Float : 2902174 - Cycle : 387 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7124 - Date : 2020	10	21
Float : 2902174 - Cycle : 393 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7124 - Date : 2020	12	20
Float : 2902183 - Cycle : 257 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7522 - Date : 2022	9	6
Float : 2902183 - Cycle : 258 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7522 - Date : 2022	9	16
Float : 2902184 - Cycle : 251 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7534 - Date : 2022	8	27
Float : 2902184 - Cycle : 252 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7534 - Date : 2022	9	6
Float : 2902184 - Cycle : 253 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7534 - Date : 2022	9	16
Float : 2902185 - Cycle : 251 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7530 - Date : 2022	8	31
Float : 2902185 - Cycle : 252 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7530 - Date : 2022	9	10
Float : 2902185 - Cycle : 253 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7530 - Date : 2022	9	20
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 : 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 : 244 - 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 : 252 - 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 : 255 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7827 - Date : 2022 9 9  
 Float : 2902211 - Cycle : 256 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7827 - Date : 2022 9 19  
 Float : 2902222 - Cycle : 206 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7532 - Date : 2022 9 2  
 Float : 2902222 - Cycle : 207 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7532 - Date : 2022 9 12  
 Float : 2902222 - Cycle : 208 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7532 - Date : 2022 9 22  
 Float : 2902267 - Cycle : 132 - PI : M Ravichandran - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 18003 - Date : 2022 9 2  
 Float : 2902267 - Cycle : 133 - PI : M Ravichandran - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 18003 - Date : 2022 9 12  
 Float : 2902267 - Cycle : 134 - PI : M Ravichandran - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 18003 - Date : 2022 9 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 : 2902270 - Cycle : 132 - PI : M Ravichandran - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 8665 - Date : 2022 9 11  
 Float : 2902287 - Cycle : 102 - PI : M Ravichandran - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 18015 - Date : 2022 5 26

Files data\_mode='D'



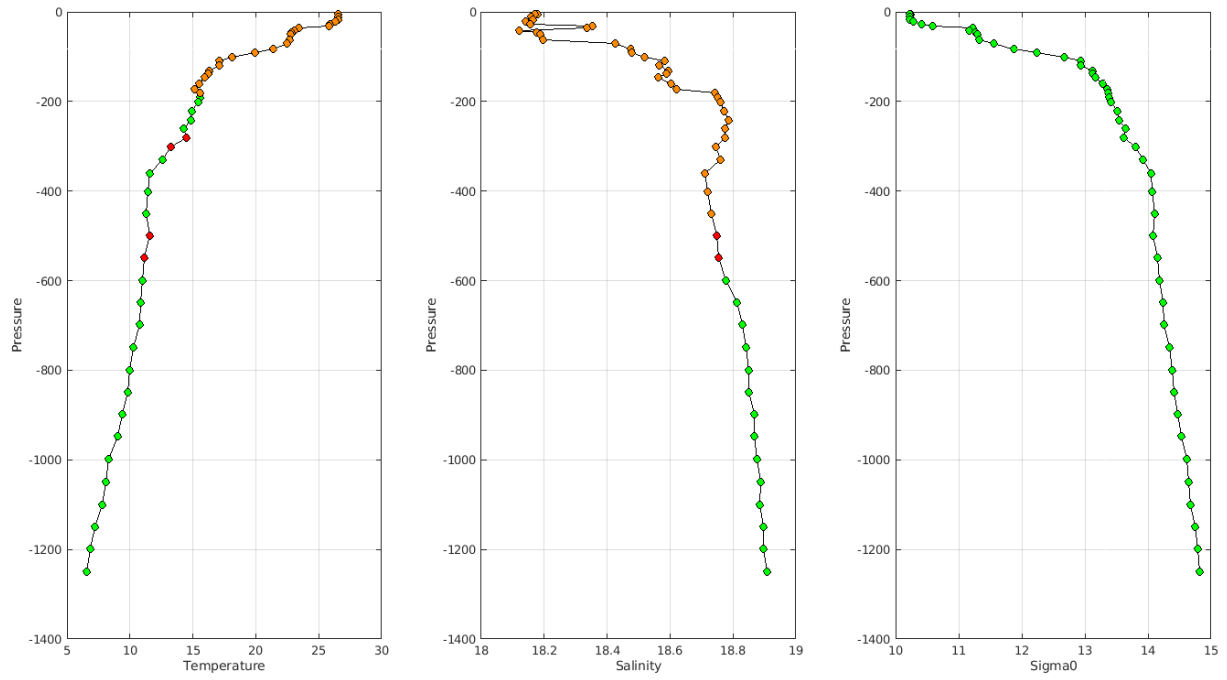
For the first 100 profiles.

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

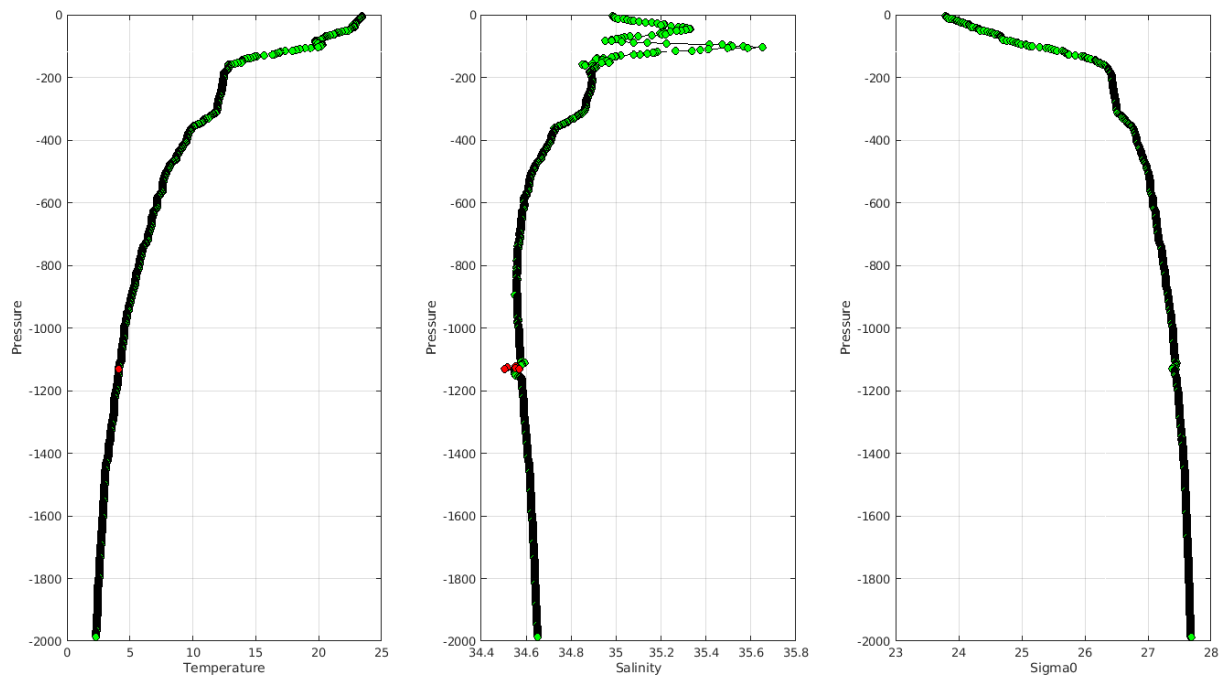


Example of anomalies:

Warning Objective Analysis Anomalies 2022 September TEMP PSAL : DAC IN- Float 2902209 - 194



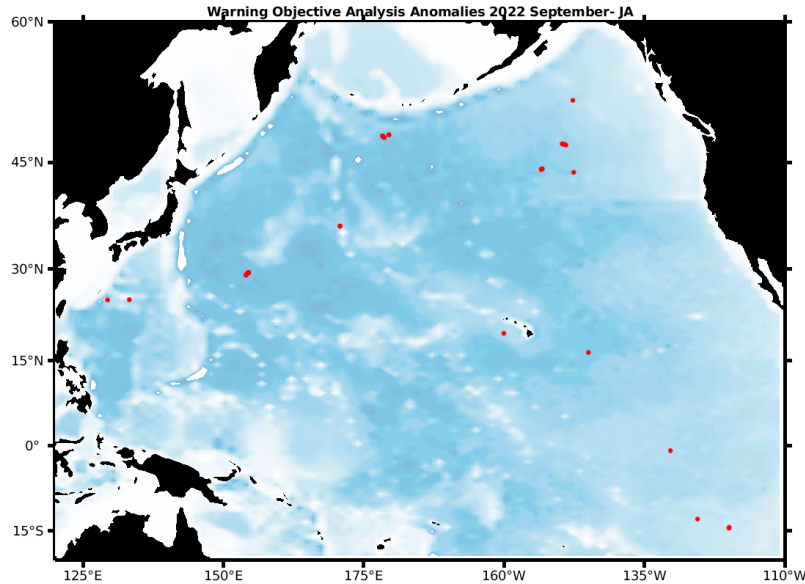
Warning Objective Analysis Anomalies 2022 September TEMP PSAL : DAC AO- Float 5905291 - 183



## 5.6. DAC JMA/JAMSTEC

Profiles detected by the objective analysis: 32 profiles (14 floats but floats can have several cycles with anomalies)

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

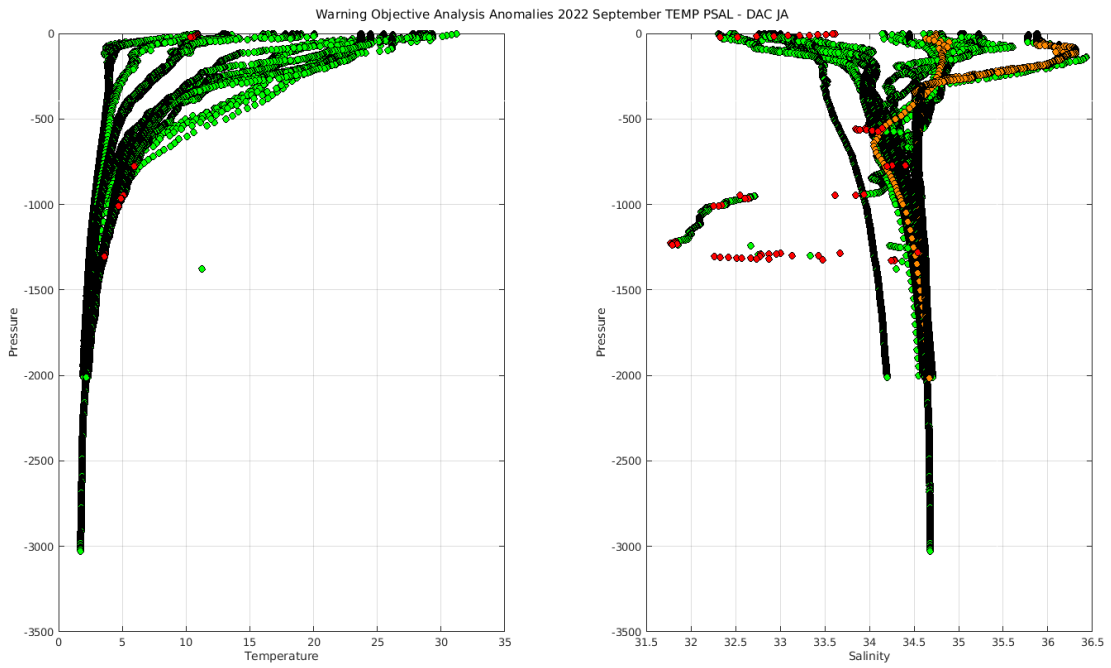


**Status of corrections: Correction in progress, feedbacks each month**

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

Float : 2903393 - Cycle : 151 - PI : JAMSTEC - Data mode : A - Platform type : NAVIS\_A - WMO inst type : 863 - FLOAT SERIAL : 0956 - Date : 2022 7 13  
 Float : 2903393 - Cycle : 160 - PI : JAMSTEC - Data mode : A - Platform type : NAVIS\_A - WMO inst type : 863 - FLOAT SERIAL : 0956 - Date : 2022 8 27  
 Float : 2903393 - Cycle : 161 - PI : JAMSTEC - Data mode : A - Platform type : NAVIS\_A - WMO inst type : 863 - FLOAT SERIAL : 0956 - Date : 2022 9 1  
 Float : 2903393 - Cycle : 162 - PI : JAMSTEC - Data mode : A - Platform type : NAVIS\_A - WMO inst type : 863 - FLOAT SERIAL : 0956 - Date : 2022 9 6  
 Float : 2903393 - Cycle : 163 - PI : JAMSTEC - Data mode : A - Platform type : NAVIS\_A - WMO inst type : 863 - FLOAT SERIAL : 0956 - Date : 2022 9 11  
 Float : 2903606 - Cycle : 140 - PI : JAMSTEC - Data mode : A - Platform type : APEX\_D - WMO inst type : 849 - FLOAT SERIAL : 52 - Date : 2022 9 26  
 Float : 2903627 - Cycle : 161 - PI : JMA - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : AK1000-19JP010 - Date : 2022 8 27  
 Float : 2903627 - Cycle : 162 - PI : JMA - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : AK1000-19JP010 - Date : 2022 9 1  
 Float : 2903627 - Cycle : 163 - PI : JMA - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : AK1000-19JP010 - Date : 2022 9 6  
 Float : 2903627 - Cycle : 164 - PI : JMA - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : AK1000-19JP010 - Date : 2022 9 11  
 Float : 2903627 - Cycle : 165 - PI : JMA - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : AK1000-19JP010 - Date : 2022 9 16  
 Float : 2903627 - Cycle : 166 - PI : JMA - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : AK1000-19JP010 - Date : 2022 9 21  
 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 : 2903647 - Cycle : 120 - PI : JMA - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : AK1000-19JP027 - Date : 2022 9 10  
 Float : 2903709 - Cycle : 1 - PI : JMA - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : AK1000-21JP008 - Date : 2022 8 29  
 Float : 4902369 - Cycle : 219 - PI : JAMSTEC - Data mode : A - Platform type : NAVIS\_A - WMO inst type : 863 - FLOAT SERIAL : 0417 - Date : 2022 7 9  
 Float : 4902376 - Cycle : 187 - PI : JAMSTEC - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : OIN-15JAP-ARL-01 - Date : 2022 8 23  
 Float : 4902376 - Cycle : 188 - PI : JAMSTEC - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : OIN-15JAP-ARL-01 - Date : 2022 9 2  
 Float : 4902376 - Cycle : 189 - PI : JAMSTEC - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : OIN-15JAP-ARL-01 - Date : 2022 9 12  
 Float : 4902376 - Cycle : 190 - PI : JAMSTEC - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : OIN-15JAP-ARL-01 - Date : 2022 9 22  
 Float : 4902380 - Cycle : 147 - PI : JAMSTEC - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 8264 - Date : 2022 8 14  
 Float : 4902380 - Cycle : 148 - PI : JAMSTEC - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 8264 - Date : 2022 8 24  
 Float : 4902380 - Cycle : 149 - PI : JAMSTEC - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 8264 - Date : 2022 9 3  
 Float : 4902380 - Cycle : 150 - PI : JAMSTEC - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 8264 - Date : 2022 9 13  
 Float : 4902380 - Cycle : 151 - PI : JAMSTEC - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 8264 - Date : 2022 9 23  
 Float : 4902986 - Cycle : 115 - PI : JAMSTEC - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 8607 - Date : 2022 9 20  
 Float : 5905219 - Cycle : 164 - PI : JAMSTEC - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7906 - Date : 2022 9 28  
 Float : 5905838 - Cycle : 138 - PI : JAMSTEC - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 8523 - Date : 2022 9 22  
 Float : 5905841 - Cycle : 136 - PI : JAMSTEC - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 8517 - Date : 2022 9 8  
 Float : 5905841 - Cycle : 137 - PI : JAMSTEC - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 8517 - Date : 2022 9 18  
 Float : 5905843 - Cycle : 60 - PI : JAMSTEC - Data mode : R - Platform type : APEX\_D - WMO inst type : 849 - FLOAT SERIAL : 42 - Date : 2020 7 24  
 Float : 5905852 - Cycle : 114 - PI : JAMSTEC - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 8420 - Date : 2022 3 22

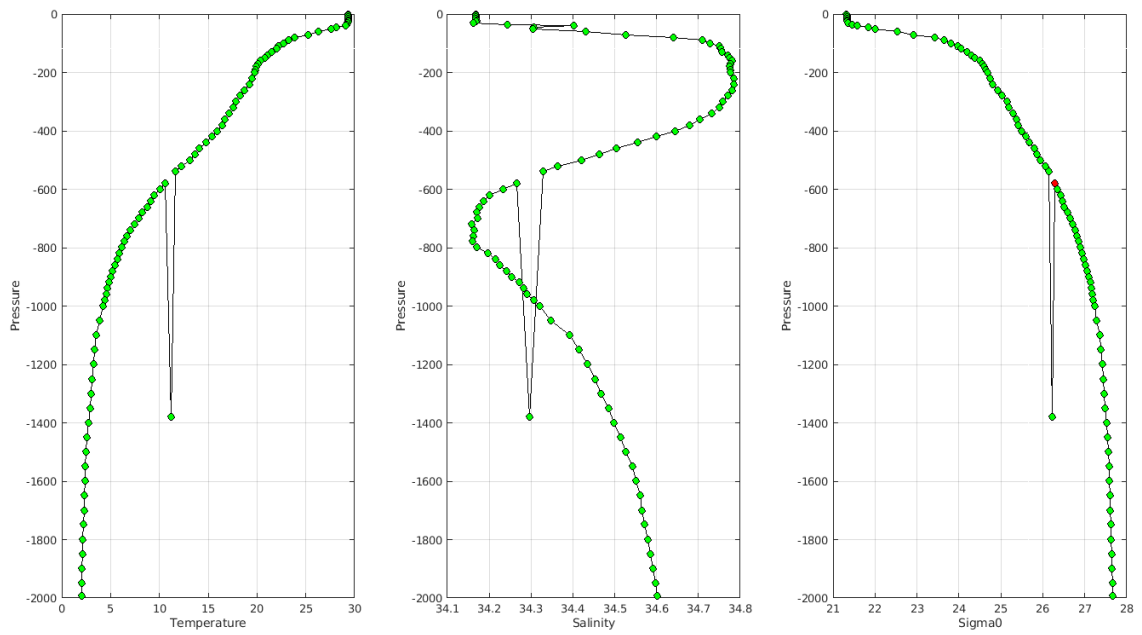
### Files data\_mode='D'

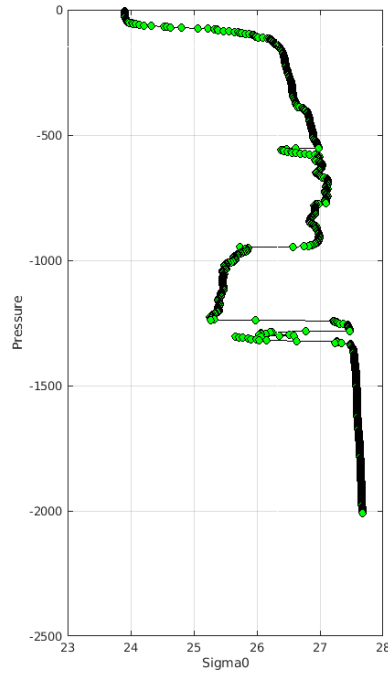
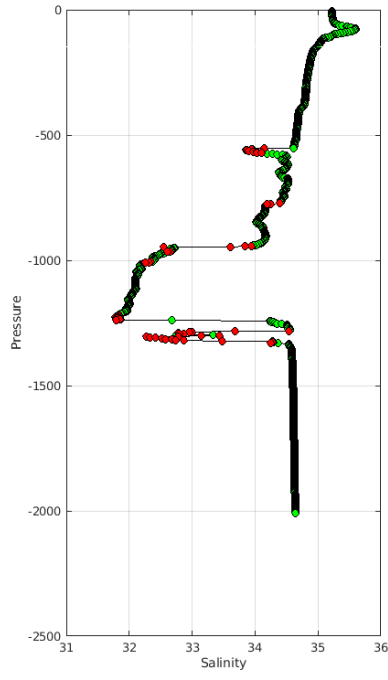
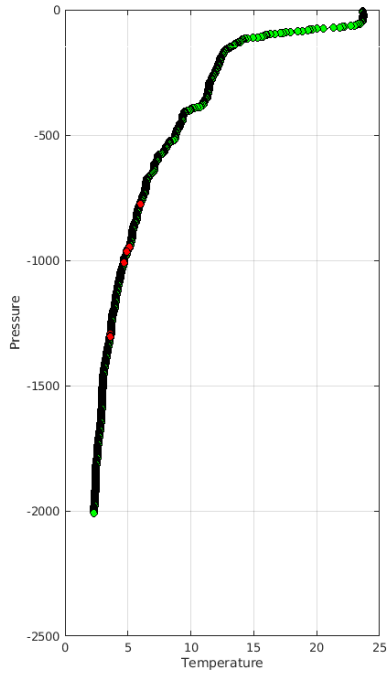


The list of the anomalies can be found at <https://data-argo.ifremer.fr/etc/ObjectiveAnalysisWarning/jma/>

Example of anomalies:

Warning Objective Analysis Anomalies 2022 September TEMP PSAL : DAC JA- Float 2903647 - 120

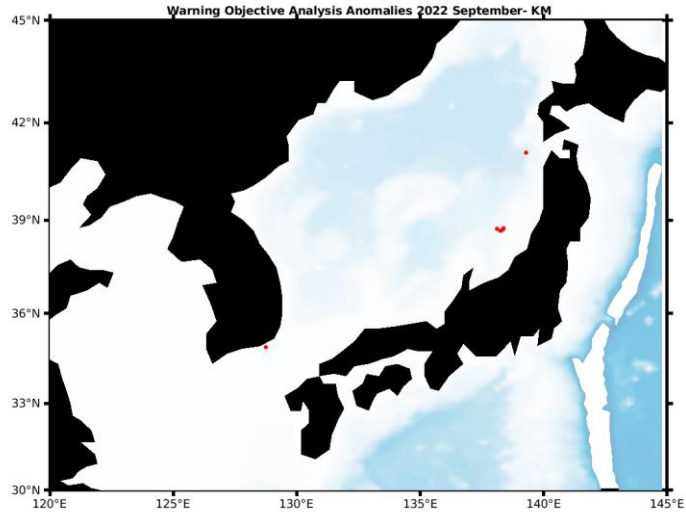




5.7. DAC KMA

Profiles detected by the objective analysis: 6 profiles (3 floats – float can have several cycles with anomalies)

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

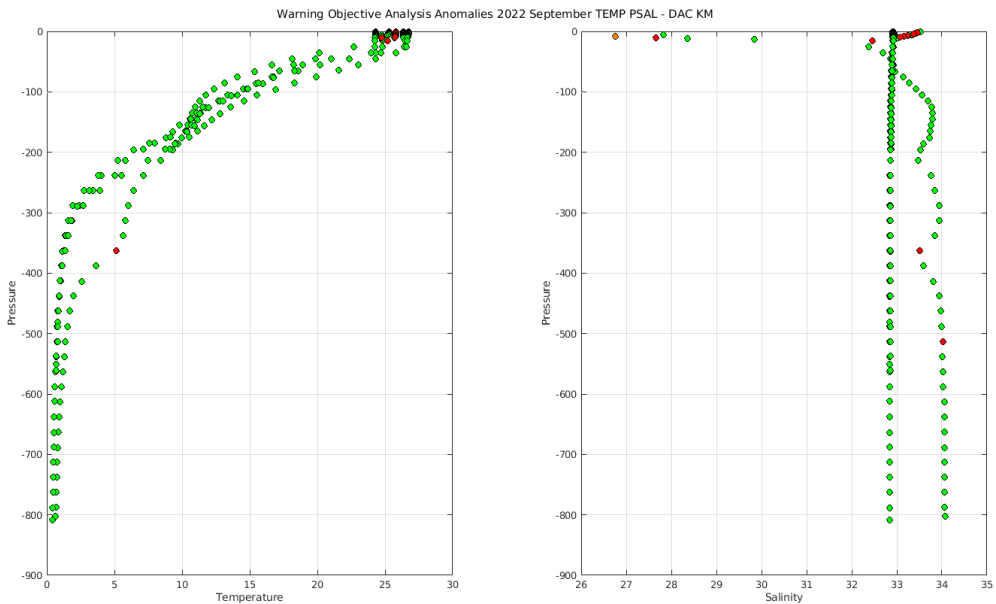


**Status of corrections: No feedback.**

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

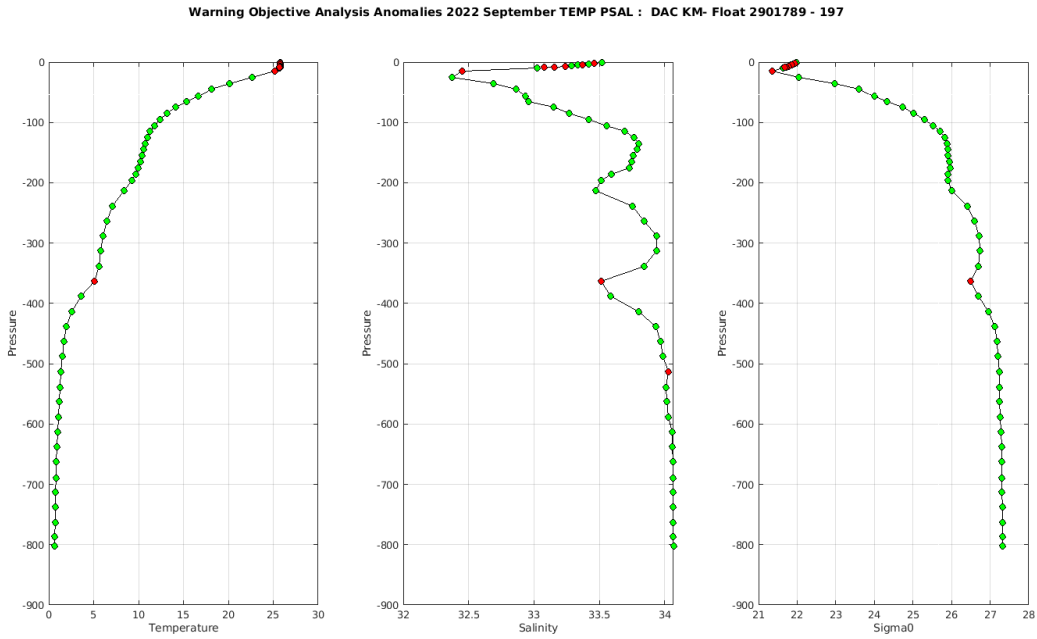
- Float : 2901789 - Cycle : 197 - PI : KiRyong Kang - Data mode : R - Platform type : ARVOR - WMO inst type : 846 - FLOAT SERIAL : n/a - Date : 2022 9 1
- Float : 2901792 - Cycle : 148 - PI : KiRyong Kang - Data mode : R - Platform type : ARVOR - WMO inst type : 846 - FLOAT SERIAL : n/a - Date : 2022 9 3
- Float : 2901792 - Cycle : 149 - PI : KiRyong Kang - Data mode : R - Platform type : ARVOR - WMO inst type : 846 - FLOAT SERIAL : n/a - Date : 2022 9 10
- Float : 2901792 - Cycle : 150 - PI : KiRyong Kang - Data mode : R - Platform type : ARVOR - WMO inst type : 846 - FLOAT SERIAL : n/a - Date : 2022 9 17
- Float : 2901792 - Cycle : 151 - PI : KiRyong Kang - Data mode : R - Platform type : ARVOR - WMO inst type : 846 - FLOAT SERIAL : n/a - Date : 2022 9 24
- Float : 2901808 - Cycle : 177 - PI : KiRyong Kang - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : n/a - Date : 2022 9 7

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

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

ex float 2901233 cycle 53 : QC ok = 4 but take care can come 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'

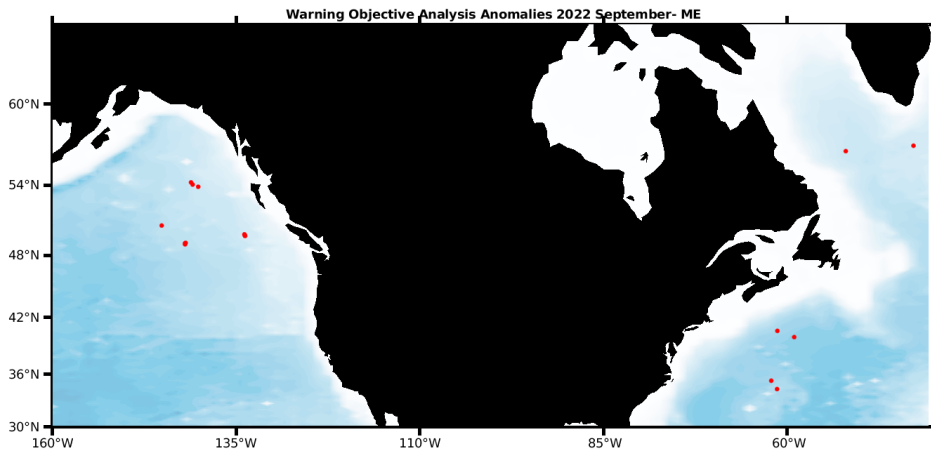
The list of the anomalies can be found at <https://data-argo.ifremer.fr/etc/ObjectiveAnalysisWarning/kordi/>

Example of anomalies:

5.9. DAC MEDS

Profiles detected by the objective analysis: 16 profiles (8 floats but floats can have several cycles with anomalies)

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

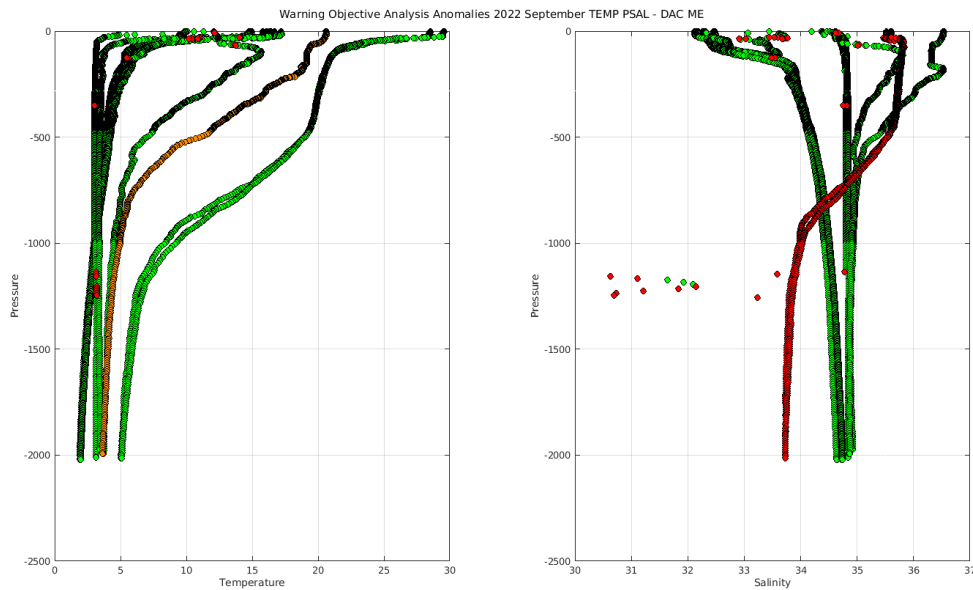


**Status of corrections: In progress.**

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

- Float : 4902443 - Cycle : 130 - PI : Blair Greenan - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 260018CA06 - Date : 2022 9 3
- Float : 4902443 - Cycle : 131 - PI : Blair Greenan - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 260018CA06 - Date : 2022 9 13
- Float : 4902443 - Cycle : 132 - PI : Blair Greenan - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 260018CA06 - Date : 2022 9 24
- Float : 4902444 - Cycle : 130 - PI : Blair Greenan - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 260018CA07 - Date : 2022 8 31
- Float : 4902444 - Cycle : 131 - PI : Blair Greenan - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 260018CA07 - Date : 2022 9 10
- Float : 4902444 - Cycle : 132 - PI : Blair Greenan - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 260018CA07 - Date : 2022 9 21
- Float : 4902445 - Cycle : 156 - PI : Blair Greenan - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 260018CA08 - Date : 2022 9 23
- Float : 4902462 - Cycle : 130 - PI : Blair Greenan - Data mode : A - Platform type : NOVA - WMO inst type : 865 - FLOAT SERIAL : 598 - Date : 2022 9 4
- Float : 4902462 - Cycle : 131 - PI : Blair Greenan - Data mode : A - Platform type : NOVA - WMO inst type : 865 - FLOAT SERIAL : 598 - Date : 2022 9 14
- Float : 4902462 - Cycle : 132 - PI : Blair Greenan - Data mode : A - Platform type : NOVA - WMO inst type : 865 - FLOAT SERIAL : 598 - Date : 2022 9 24
- Float : 4902470 - Cycle : 123 - PI : Blair Greenan - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 260018CA14 - Date : 2022 9 3
- Float : 4902470 - Cycle : 124 - PI : Blair Greenan - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 260018CA14 - Date : 2022 9 13
- Float : 4902471 - Cycle : 117 - PI : Blair Greenan - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 260018CA15 - Date : 2022 9 1
- Float : 4902506 - Cycle : 76 - PI : Blair Greenan - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 260019CA35 - Date : 2022 9 8
- Float : 4902573 - Cycle : 5 - PI : Blair Greenan - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 260021CA14 - Date : 2022 1 28
- Float : 4902573 - Cycle : 6 - PI : Blair Greenan - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 260021CA14 - Date : 2022 2 7

Files data\_mode='D'

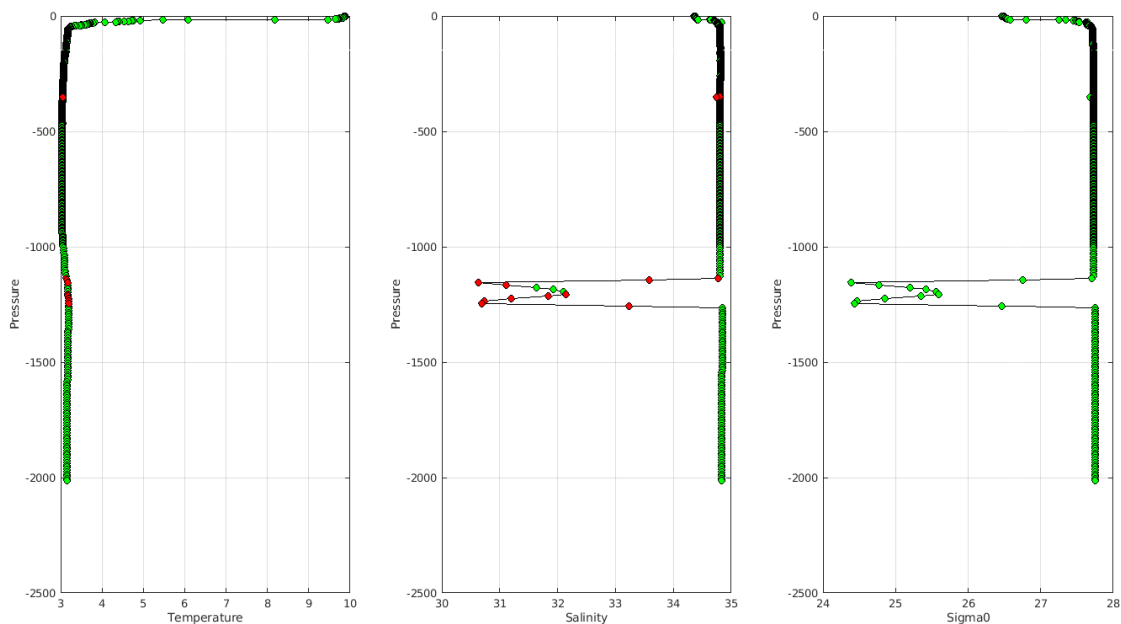




The list of the anomalies can be found at <https://data-argo.ifremer.fr/etc/ObjectiveAnalysisWarning/meds/>

Example of anomalies:

Warning Objective Analysis Anomalies 2022 September TEMP PSAL : DAC ME- Float 4902471 - 117



**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 : 8224

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 -

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

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1901849 - Existing NetCDF files

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1901850 - Existing NetCDF files

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1901851 - Existing NetCDF files

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1901852 - Existing NetCDF files

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1901853 - Existing NetCDF files

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1901860 - Existing NetCDF files

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1901861 - Existing NetCDF files

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1901862 - Existing NetCDF files

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1901863 - Existing NetCDF files

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1901864 - Existing NetCDF files

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1901865 - Existing NetCDF files

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1901866 - Existing NetCDF files

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1901867 - Existing NetCDF files

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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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1901876 - Existing NetCDF files

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1901878 - Existing NetCDF files

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1901884 - Existing NetCDF files

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1901937 - Existing NetCDF files  
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1901938 - Existing NetCDF files  
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1902079 - Existing NetCDF files  
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2901891 - Existing NetCDF files  
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3902403 - Existing NetCDF files  
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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 : 3489**

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 : 1084**

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

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

#### -Others : 8 floats

#### need further investigation

#### For some floats :

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

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

#### DAC name : jma – Number of floats : 1878

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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



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

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

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

2903008 - Existing NetCDF files  
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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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2903172 - Existing NetCDF files  
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2903173 - Existing NetCDF files  
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2903174 - Existing NetCDF files  
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2903175 - Existing NetCDF files  
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2903176 - Existing NetCDF files  
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2903209 - Existing NetCDF files  
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2903210 - Existing NetCDF files  
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2903211 - Existing NetCDF files  
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2903212 - Existing NetCDF files  
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2903213 - Existing NetCDF files  
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2903327 - Existing NetCDF files  
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2903329 - Existing NetCDF files  
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2903330 - Existing NetCDF files  
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2903346 - Existing NetCDF files  
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2903347 - Existing NetCDF files  
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2903348 - Existing NetCDF files  
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2903349 - Existing NetCDF files  
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2903350 - Existing NetCDF files  
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2903351 - Existing NetCDF files  
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2903352 - Existing NetCDF files  
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2903353 - Existing NetCDF files  
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2903354 - Existing NetCDF files  
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2903356 - Existing NetCDF files  
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2903357 - Existing NetCDF files  
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2903359 - Existing NetCDF files  
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2903360 - Existing NetCDF files  
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2903362 - Existing NetCDF files



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  
File : 2903650\_Sprof.nc - 2903650\_meta.nc - 2903650\_prof.nc -

2903651 - Existing NetCDF files  
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2903652 - Existing NetCDF files  
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2903653 - Existing NetCDF files  
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2903654 - Existing NetCDF files  
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2903655 - Existing NetCDF files  
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2903656 - Existing NetCDF files  
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2903657 - Existing NetCDF files  
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2903658 - Existing NetCDF files  
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2903659 - Existing NetCDF files  
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2903660 - Existing NetCDF files  
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2903661 - Existing NetCDF files  
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2903662 - Existing NetCDF files  
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2903663 - Existing NetCDF files  
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2903664 - Existing NetCDF files  
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2903665 - Existing NetCDF files  
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2903666 - Existing NetCDF files  
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2903667 - Existing NetCDF files  
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2903669 - Existing NetCDF files  
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2903670 - Existing NetCDF files  
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2903671 - Existing NetCDF files  
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2903672 - Existing NetCDF files  
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2903700 - Existing NetCDF files  
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2903701 - Existing NetCDF files  
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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  
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4900293 - Existing NetCDF files  
File : 4900293\_Rtraj.nc - 4900293\_meta.nc - 4900293\_tech.nc -

4902378 - Existing NetCDF files  
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4902380 - Existing NetCDF files  
File : 4902380\_meta.nc - 4902380\_prof.nc -

4902981 - Existing NetCDF files  
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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  
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5904937 - Existing NetCDF files  
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5905062 - Existing NetCDF files  
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5905063 - Existing NetCDF files  
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5905218 - Existing NetCDF files  
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5905223 - Existing NetCDF files  
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5905224 - Existing NetCDF files  
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5905225 - Existing NetCDF files  
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5905226 - Existing NetCDF files  
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5905227 - Existing NetCDF files  
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5905228 - Existing NetCDF files  
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5905229 - Existing NetCDF files  
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5905232 - Existing NetCDF files  
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5905233 - Existing NetCDF files  
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5905834 - Existing NetCDF files  
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5905835 - Existing NetCDF files  
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5905836 - Existing NetCDF files  
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5905838 - Existing NetCDF files  
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5905839 - Existing NetCDF files  
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5905840 - Existing NetCDF files  
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5905841 - Existing NetCDF files  
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5905842 - Existing NetCDF files  
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5905843 - Existing NetCDF files  
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5905844 - Existing NetCDF files  
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5905845 - Existing NetCDF files  
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5905846 - Existing NetCDF files

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5905848 - Existing NetCDF files

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5905849 - Existing NetCDF files

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5905851 - Existing NetCDF files

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5905856 - Existing NetCDF files

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5905857 - Existing NetCDF files

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5905858 - Existing NetCDF files

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5905860 - Existing NetCDF files

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5905861 - Existing NetCDF files

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5905862 - Existing NetCDF files

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5905863 - Existing NetCDF files

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5905864 - Existing NetCDF files

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5905865 - Existing NetCDF files

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5905866 - Existing NetCDF files

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5905867 - Existing NetCDF files

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5905868 - Existing NetCDF files

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5905869 - Existing NetCDF files

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5905870 - Existing NetCDF files

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5905871 - Existing NetCDF files

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5905872 - Existing NetCDF files

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5905875 - Existing NetCDF files

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5905876 - Existing NetCDF files

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5905877 - Existing NetCDF files

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5905878 - Existing NetCDF files

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5905879 - Existing NetCDF files

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5905881 - Existing NetCDF files

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5905882 - Existing NetCDF files

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5906385 - Existing NetCDF files

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5906386 - Existing NetCDF files

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5906387 - Existing NetCDF files

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5906389 - Existing NetCDF files

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5906390 - Existing NetCDF files

File : 5906390\_meta.nc - 5906390\_prof.nc -

7900024 - Existing NetCDF files

File : 7900024\_Rtraj.nc - 7900024\_meta.nc - 7900024\_tech.nc -

7900025 - Existing NetCDF files

File : 7900025\_Rtraj.nc - 7900025\_meta.nc - 7900025\_tech.nc -

7900599 - Existing NetCDF files

File : 7900599\_meta.nc - 7900599\_prof.nc -

7900600 - Existing NetCDF files

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7900601 - Existing NetCDF files

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7900652 - Existing NetCDF files

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7900653 - Existing NetCDF files

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7900654 - Existing NetCDF files

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

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

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

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

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

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

## 8.8. KMA

### For some floats :

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

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

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

2901213 - Existing nc files

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

2901731 - Existing nc files

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

2901806 - Existing NetCDF files

File : 2901806\_Rtraj.nc - 2901806\_meta.nc - 2901806\_prof.nc -

2901807 - Existing NetCDF files

File : 2901807\_Rtraj.nc - 2901807\_meta.nc - 2901807\_prof.nc -

2901808 - Existing NetCDF files

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

2901809 - Existing NetCDF files

File : 2901809\_Rtraj.nc - 2901809\_meta.nc - 2901809\_prof.nc -

2901810 - Existing NetCDF files

File : 2901810\_Rtraj.nc - 2901810\_meta.nc - 2901810\_prof.nc -

2901811 - Existing NetCDF files

File : 2901811\_Rtraj.nc - 2901811\_meta.nc - 2901811\_prof.nc -

## 8.9. KORDI/KIOST

### For some floats :

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

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

#### DAC name : kiost – Number of floats : 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 : 644

### 8.11. NMDIS

For some floats :

- 

See below the list of floats with existing nc files :

DAC name : nmdis – Number of floats : 19