



## GDAC Float Anomalies Monitoring

April 2021

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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.

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# 1. Anomalies of Argo profiles – Suspected drift

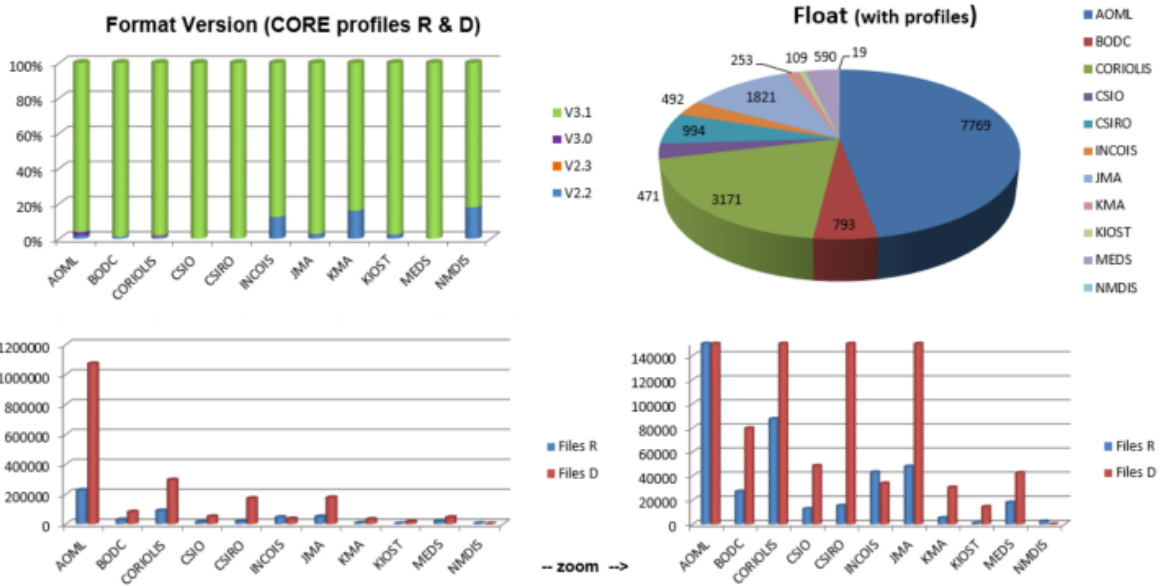
This table shows a list of floats showing a suspected drift/bias, observed in the month. (feedback from Coriolis).

DAC	WMO	PI	First station in alert	First cycle in alert	Last Station in alert	Last cycle in alert	QC level in RT in Coriolis DB	Description	SENSOR_MODEL	SERIAL_NO	Failure_Type for Coriolis DB (1-drift, 2-bias, 3-wrecked, 4-wrecked, 5-pressure, 6-adjustment issue)	Comment All drift mentions are SUSPICION drift value mentions are visual impression surrounding profiles = close in space (position diff < 2 degrees latitude/longitude) and in time (date diff < 5 years)
<b>NEW</b>												
ADML	1901722	BRECK OWENS, STEVEN JAYNE, P.E. ROBBINS	2021/03/28	254	2021/04/26	257	3	Argo WHOI	SBE41CP	4938	1	Drift
ADML	1901806	BRECK OWENS, STEVEN JAYNE, P.E. ROBBINS	2021/04/27	210	2021/04/27	211	4	Argo WHOI	SBE41CP	0	0	Drift with jump
ADML	1902018	DEAN ROEMMICH -> Grey List	2021/03/27	82	2021/04/06	83	3	Argo SIO	SBE41CP_V7.2.5	10795	1	Slight drift
ADML	1902182	BRECK OWENS, STEVEN JAYNE, P.E. ROBBINS	2021/04/01	113	2021/04/21	115	3	Argo WHOI	SBE41CP	9139	1	Drift with jump
ADML	3901179	GREGORY C. JOHNSON	2021/04/15	250	2021/04/25	251	3	Argo PMEL	SBE41CP	5542	1	Slight Drift
ADML	3902207	GREGORY C. JOHNSON	2021/04/03	62	2021/04/13	63	4	Argo PMEL	SBE	5725	3	bad profile
ADML	4902090	GREGORY C. JOHNSON	2021/03/06	202	2021/04/25	207	3	Argo PMEL	SBE41CP	7229	1	Large drift
ADML	4902520	BRECK OWENS, STEVEN JAYNE, P.E. ROBBINS	2021/04/21	129	2021/04/20	132	3	Argo WHOI	SBE41CP	8654	1	Slight drift
ADML	4902656	BRECK OWENS, STEVEN JAYNE, P.E. ROBBINS	2021/04/21	82	2021/04/21	82	3	Argo WHOI	SBE41CP	11036	1	Drift with jump
ADML	4903178	GREGORY C. JOHNSON	2021/04/11	90	2021/04/21	90	4	Argo PMEL	SBE41CP	11047	3	Bad profile PSAL
ADML	4903282	GREGORY C. JOHNSON	2021/03/22	70	2021/04/21	73	3	Argo PMEL	SBE41CP	11204	1	Slight drift
ADML	4903349	WUFFELS, JAYNE, ROBBINS	2021/04/26	2	2021/04/29	4	3	Argo WHOI	SBE41CP	12984	1	Beginning of drift ?
ADML	5903807	GREGORY C. JOHNSON	2021/04/17	318	2021/04/27	319	3	Argo PMEL	SBE41	5096	1	Drift
ADML	5904630	STEPHEN RISER	2020/03/01	160	2021/05/20	168	3	Argo UW	SBE41CP	5973	1	Slight drift on PSAL_ADJUSTED
ADML	5904881	GREGORY C. JOHNSON	2021/04/24	175	2021/04/24	178	3 & 4	Argo SIO	SBE41CP	07719	1	Drift
ADML	5905066	STEPHEN RISER	2021/04/21	158	2021/04/21	158	3	Argo UW	SBE41CP	7791	1	Slight drift
ADML	5905098	STEPHEN RISER	2021/04/25	148	35/04/2021	148	3	US Argo Project	SBE41CP	7789	1	Slight drift
ADML	5905365	STEPHEN RISER	2021/04/07	127	2021/04/27	129	3	Argo UW	SBE41CP	8881	1	Slight drift
ADML	5905768	DEAN ROEMMICH	2021/03/28	101	2021/04/17	103	3	Argo SIO	SBE61_V5.0.1	5673	1	Slight drift
ADML	5906051	STEPHEN RISER	2021/02/04	47	2021/04/22	49	3	Argo UW	SBE41CP	11508	1	PSAL already bad but now drift observed on TEMP
ADML	5906176	GREGORY C. JOHNSON	2021/04/25	41	35/04/2021	41	3	Argo PMEL	SBE41CP	12129	3	Drift and strange end of profile
ADML	7903030	DEAN ROEMMICH	2021/04/16	230	17/04/2021	232	4	Argo SIO	SBE41CP_V3.0c	5688	3	Bad profile PSAL, all profile or only a part
BOBC	6901202	Jon Turton	2021/04/23	144	2021/04/23	144	3	Argo UK	SBE41	9303	1	Slight drift
COROLIS	3901868	Peter Brandt	2021/03/02	161	2021/04/01	164	3	ARGO MOCCA	SBE41CP_V7.2.5	8116	1	Slight drift
COROLIS	3902135	Romain Cancouet	2021/04/05	120	2021/04/25	122	3	ARGO MOCCA	SBE41CP_V7.2.5	10071	1	Slight drift
COROLIS	7900574	Bligh Klein	2021/03/30	1	2021/04/19	3	3	Argo BH	SBE41CP	41-12663	2	Bias
CSRO	1901749	Peter Oke	2021/04/22	48	2021/04/22	48	3	ARGO AUSTRALIA	SBE41CP_V7.2.5	11661	1	Beginning of Drift or big jump ?
INDOP	2901714	M Ravichandran	2021/03/31	403	2021/04/20	405	3	Indian Argo	SBE41CP	5687	1	Drift
INDOP	2902261	M Ravichandran	2021/04/22	114	2021/04/22	117	3	Argo SIO	SBE41CP	8908	1	Slight drift
JMA	2901384	JMA	2021/04/28	101	2021/04/28	105	3	Argo eq. JMA	SBE41	10887	1	Slight drift
KMA	2901797	KiYoung Kang	2021/04/14	261	2021/04/14	261	4	ARGO NIMS/KMA	SBE41CP	12177	3	Bad profile PSAL
<b>PREVIOUS REPORTS (in last 5 months)</b>												
ADML	1901805	GREGORY C. JOHNSON	2020/07/28	135	2021/01/24	153	3	Argo PMEL	SBE41CP	8181	1	Adjustment on PSAL_ADJUSTED is going to introduced a bias
ADML	1901817	BRECK OWENS, STEVEN JAYNE, P.E. ROBBINS	2021/01/01	170	2021/01/01	170	4	Argo WHOI	SBE41CP	7212	1	Below 500 bar, strange drift
ADML	1902198	GREGORY C. JOHNSON	2020/02/20	61	2021/04/25	104	3 & 4	Argo PMEL	SBE41CP	9911	1	cycle 53 is 0.05 psu saltier than surrounding profiles.
ADML	1902269	GREGORY C. JOHNSON	2021/03/02	54	2021/04/21	74	3 & 4	Argo PMEL	SBE41CP	10756	1	
ADML	3901187	GREGORY C. JOHNSON	2014/11/22	25	2021/04/29	260	4	Argo PMEL	SBE41CP	5507	1 or 2	values and shapes are totally out of bounds by 1 PSU saltier. Positions may be incorrect.
ADML	3901199	GREGORY C. JOHNSON	2020/02/25	172	2021/04/20	214	3 & 4	Argo PMEL	SBE41CP	6308	6	boundaries. This seems to have been corrected. Only cycle 143 remains out of bounds.
ADML	3901251	GREGORY C. JOHNSON	2020/01/07	136	2021/04/23	165	3	Argo PMEL	SBE41CP	8338	1	Bad profile
ADML	3901259	GREGORY C. JOHNSON	2018/09/27	67	2021/04/24	161	3 & 4	Argo PMEL	SBE41CP	8462	1	drifting since at least cycle 79. cycle 101 is 0.15 PSU saltier than surrounding profiles
ADML	3901266	CARL SZCZECZOWSKI	2020/08/23	326	2021/04/27	375	4	Argo NAVOCEANO	SBE41CP_V3.0c	7131	1	
ADML	3901282	GREGORY C. JOHNSON	2021/09/05	32	2021/04/27	165	3	Argo PMEL	SBE41CP	8531	4	salty jump at cycle 86. salinity data are wrecked
ADML	3901283	GREGORY C. JOHNSON	2020/03/11	114	2021/04/25	155	3	Argo PMEL	SBE41CP	8563	1	Slight drift from cycle 114
ADML	3901289	GREGORY C. JOHNSON	2020/02/23	117	2021/04/28	160	4	Argo PMEL	SBE41CP	8651	1	cycle 99 is 0.2 PSU saltier than surrounding profiles
ADML	3901291	GREGORY C. JOHNSON	2020/07/06	129	2021/04/22	158	4	Argo PMEL	SBE41CP	8634	1	
ADML	3901299	GREGORY C. JOHNSON	2020/02/23	52	2021/04/23	67	3	Argo PMEL	SBE41CP	8963	2	cycle 45 is affected by a 0.02 salty jump. Wait for more cycles
ADML	3901306	GREGORY C. JOHNSON	2020/12/24	55	2021/04/23	67	3	Argo PMEL	SBE41CP	4600	2	
ADML	3901307	GREGORY C. JOHNSON	2021/01/30	60	2021/04/20	68	3	Argo PMEL	SBE41CP	11064	1	
ADML	3902149	GREGORY C. JOHNSON	2020/11/10	46	2021/01/26	54	4	Argo PMEL	SBE	5711	1	Drift
ADML	3902152	GREGORY C. JOHNSON	2020/09/08	38	2021/01/11	60	3 & 4	Argo PMEL	SBE	5719	3	Bad profiles
ADML	4902087	GREGORY C. JOHNSON	2019/08/25	150	2021/01/26	202	3	Argo PMEL	SBE41CP	7176	1	cycle 150 (2019/08/25) is 0.04 psu saltier than surrounding platforms. It is not triggering alert anymore but it seems to be affected by a drift.
ADML	4902088	GREGORY C. JOHNSON	2021/02/25	205	2021/02/25	205	3	Argo PMEL	SBE41CP	7178	3	One strange profile
ADML	4902101	BRECK OWENS, STEVEN JAYNE, P.E. ROBBINS	2021/01/21	152	2021/01/21	152	3	Argo WHOI	SBE41CP	6478	1	
ADML	4902102	BRECK OWENS, STEVEN JAYNE, P.E. ROBBINS	2020/02/17	3174	2021/04/21	3217	4	Argo WHOI	SBE41CP	6488	2	cycle 3168 is affected by a 0.2 psu salty jump. Wait for more cycles
ADML	4902306	GREGORY C. JOHNSON	2020/11/07	159	2021/01/06	165	3	Argo PMEL	SBE41CP	07687	1	slight drift
ADML	4902307	GREGORY C. JOHNSON	2020/06/19	145	2021/04/25	156(165-176)	3	Argo PMEL	SBE41CP	7682	1	
ADML	4902312	GREGORY C. JOHNSON	2019/10/13	126	2021/01/25	173	4	Argo PMEL	SBE41CP	7552	1	cycle 121 (2019/08/24) is 0.1 PSU saltier than surrounding profiles
ADML	4902892	GREGORY C. JOHNSON	2021/03/29	160	2021/04/28	163	3	Argo PMEL	SBE41CP	08006	1	Drift is beginning
ADML	4902893	GREGORY C. JOHNSON	2019/10/12	107	2021/04/24	163	3	Argo PMEL	SBE41CP	8007	1 unsure	surrounding profiles. It would deserve DMQC. Cycles 20 to 22 are affected by fresh jump
ADML	4902895	GREGORY C. JOHNSON	2020/02/13	119	2021/01/28	154	3 & 4	Argo PMEL	SBE41CP	8012	1	cycle 102 is 0.07 PSU saltier than surrounding profiles
ADML	4902897	GREGORY C. JOHNSON	2020/02/09	119	2021/03/05	158	3	Argo PMEL	SBE41CP	8310	1	smoothly drifting so far
ADML	4902899	GREGORY C. JOHNSON	2020/02/19	117	2021/01/24	150	3	Argo PMEL	SBE41CP	8559	1	cycle 111 is 0.02 psu saltier than surrounding profiles. Seems to be gently drifting since cycle 61
ADML	4902900	GREGORY C. JOHNSON	2020/04/26	156	2021/04/26	158	3	Argo PMEL	SBE41CP	858	1	0.2 psu salty jump from cycle 47 on
ADML	4902901	GREGORY C. JOHNSON	2020/02/12	116	2021/04/27	160	4	Argo PMEL	SBE41CP	8692	1	undoubtedly drifting (0.04 PSU saltier on 2018/12/19). hard salty jumps from cycle 80 (2019/02/17)
ADML	4902905	GREGORY C. JOHNSON	2020/02/12	114	2021/01/27	149	3	Argo PMEL	SBE41CP	8709	1	cycle 97 is 0.03 PSU saltier than surrounding profiles
ADML	4902908	GREGORY C. JOHNSON	2021/03/06	154	2021/04/25	159	3	Argo PMEL	SBE41CP	08775	1	Drift
ADML	4902980	GREGORY C. JOHNSON	2021/01/08	122	2021/02/27	127	3	Argo PMEL	SBE41CP	9807	1	
ADML	4902996	GREGORY C. JOHNSON	2020/06/19	102	2021/04/25	133	3	Argo PMEL	SBE41CP	0908	1	Drift
ADML	4902997	GREGORY C. JOHNSON	2020/06/07	97	2021/01/24	119	3	Argo PMEL	SBE41CP	0909	1	Drift
ADML	4903000	GREGORY C. JOHNSON	2020/04/22	91	2021/04/22	91	3 & 4	Argo PMEL	SBE41CP	0963	1	Drift from cycle 61
ADML	4903007	GREGORY C. JOHNSON	2018/11/25	18	2021/02/02	99	3	Argo PMEL	SBE41CP_V7.2.5	10054	1	cycle 61 is affected by a 0.03 psu salty jump. cycle 62 is 0.17 psu saltier than surrounding profiles.
ADML	4903008	GREGORY C. JOHNSON	2020/01/15	50	2021/04/29	91	4 (3) (3)	Argo PMEL	SBE41CP	10060	2 unsure	Fresher profiles from cycle 50, bias then come back to correct profiles ?
ADML	4903030	GREGORY C. JOHNSON	2020/02/16	60	2021/04/21	103	3 & 4	Argo PMEL	SBE41CP	10574	1	cycle 53 is 0.06 psu saltier than surrounding profiles and than cycle 51. Cycle 52 is 0.03 psu saltier than cycle 51.
ADML	4903032	GREGORY C. JOHNSON	2020/02/14	60	2021/01/29	95	3	Argo PMEL	SBE41CP	10576	1	fast salty drift
ADML	4903033	GREGORY C. JOHNSON	2019/10/11	47	2021/04/23	103	4 & 3	Argo PMEL	SBE41CP	10577	1	cycle 46 (2019/10/11) is affected by a 0.04 psu salty jump. Rapidly drifting.
ADML	4903034	GREGORY C. JOHNSON	2020/02/15	51	2021/04/20	94	3	Argo PMEL	SBE41CP	10758	2	0.05 PSU salty jump since cycle 32
ADML	4903057	GREGORY C. JOHNSON	2021/02/07	74	2021/03/19	78	3	Argo WHOI	SBE41CP	10922	1	
ADML	4903171	GREGORY C. JOHNSON	2020/05/26	61	2021/01/21	85	3	Argo PMEL	SBE41CP	10759	1	The four first cycles are fresher (1 PSU) but back to nominal values from cycle 5 on. Drift ? starting from cycle 61.
ADML	4903172	GREGORY C. JOHNSON	2020/06/21	90	2021/01/26	85	3 & 4	Argo PMEL	SBE41CP	10983	1	0.2 psu salty jump from cycle 47 on
ADML	4903173	GREGORY C. JOHNSON	2019/05/09	21	2021/04/29							

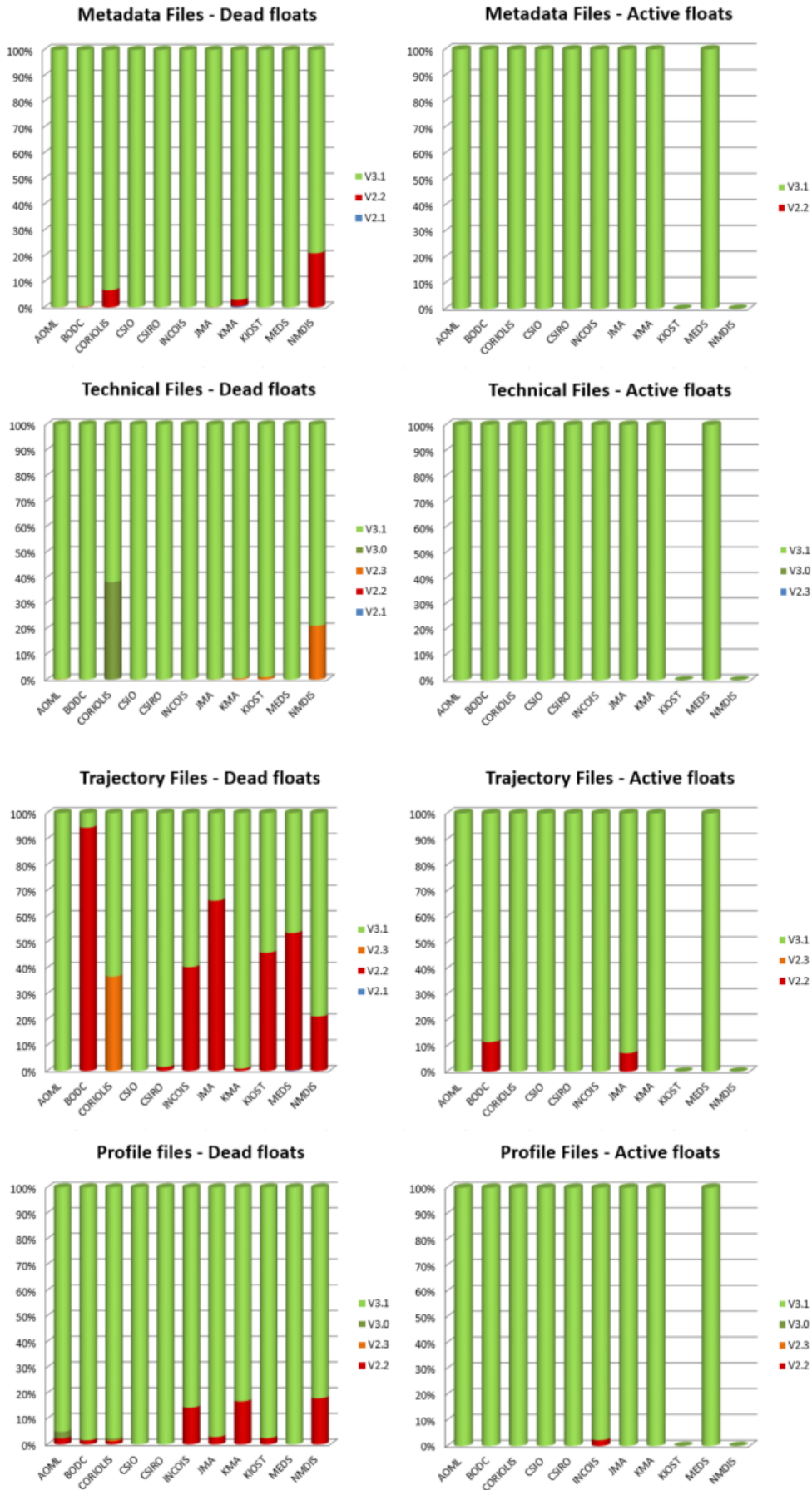
ACML	5905254	DEAN ROEMMICH	2020/12/28	119	2021/01/27	122	3	Argo SIO	SBE41CP_V7.2.5	9447		
ACML	5905288	GREGORY C. JOHNSON	2020/02/17	97	2021/01/22	131	3	Argo PMEL	SBE41CP	9043	1	cycle 90 is 0.04 psu saltier than surrounding profiles. Smooth drift seems to have begun from the beginning.
ACML	5905669	GREGORY C. JOHNSON	2020/11/18	79	2021/04/27	95	3	Argo PMEL	SBE41CP	9956		
ACML	5905674	GREGORY C. JOHNSON	2021/02/18	94	2021/04/29	101	3	Argo PMEL	SBE41CP	09994	1	Slight drift is starting
ACML	5905676	GREGORY C. JOHNSON	2020/02/11	54	2021/01/26	89	3	Argo PMEL	SBE41CP	10018	1	may be fast salty drift. Wait for more cycles.
ACML	5905730	GREGORY C. JOHNSON	2019/10/12	51	2021/04/24	107	4	Argo PMEL	SBE41CP	9857	1	cycle 47 (2019/09/02) is 0.05 psu saltier than surrounding profiles
ACML	5905732	GREGORY C. JOHNSON	2020/02/15	66	2021/03/30	101	4 & 3	Argo PMEL	SBE41CP_V7.2.5	9964	1	rapid drift - cycle 36 is 0.05 PSU saltier - cycle 49 is 0.3 PSU saltier
ACML	5905733	GREGORY C. JOHNSON	2021/02/18	100	2021/04/29	107	3	Argo PMEL	SBE41CP	09989	1	Slight drift is starting
ACML	5905736	GREGORY C. JOHNSON	2020/04/17	72	2021/01/22	100	3	Argo PMEL	SBE41CP	10067		Salty jump
ACML	5905741	GREGORY C. JOHNSON	2020/04/29	60	2021/04/20	103	3	Argo PMEL	SBE41CP	10559	1	cycle 53 and cycle 54 are 0.02 psu saltier than surrounding profiles. The drift seems to begin cycle 50
ACML	5905748	GREGORY C. JOHNSON	2020/02/15	60	2021/01/20	94	4	Argo PMEL	SBE41CP	10560	1	jump in salinity cycle 29 is 0.07 PSU saltier than surrounding profiles
ACML	5905748	GREGORY C. JOHNSON	2020/03/31	55	2021/04/25	94	4	Argo PMEL	SBE41CP	10956	1	Fresher drift from cycle 55
ACML	5905988	ANDREA FASSBENDER	2020/04/28	111	2021/03/25	144	3	Argo UW-MBARI	SBE41CP	10762		Salty drift
ACML	5906038	STEPHEN RISER	2020/12/08	117	2020/12/29	121	3	Argo UW	SBE41CP	10311		
ACML	5906095	GREGORY C. JOHNSON	2020/07/05	43	2021/04/21	72	3	Argo PMEL	SBE41CP	11103	1	
ACML	5906098	GREGORY C. JOHNSON	2020/04/16	27	2021/04/21	70	3	Argo PMEL	SBE41CP	11099	4	Very fresh first cycles (cycle 10 is still 0.3 PSU fresher than expected)
ACML	5906159	GREGORY C. JOHNSON	2020/04/29	30	2021/04/24	56	3	Argo PMEL	SBE41CP	11076		Salty drift
ACML	5906170	GREGORY C. JOHNSON	2020/12/31	43	2021/04/20	54	3	Argo PMEL	SBE41CP	11085		
ACML	5906174	GREGORY C. JOHNSON	2020/03/31	1	2021/04/25	40	3 & 4	XXXXXXXX	SBE41CP	12135	2	Bias of salinity for 2 first cycles (difference of 3 psu lth profiles in this area)
ACML	5906252	STEPHEN RISER	2020/11/11	6	2020/12/21	10	4	Argo UW	SBE41CP	11676	2	Jump
ACML	5906299	STEPHEN RISER	2021/01/16	34	2021/04/06	74	3	Argo UW	RBR_ARGO3	201598		
ACML	5906331	STEPHEN RISER	2020/12/28	1	2020/12/28	1	3	Argo UW	SBE41CP	12288		
BODC	3901966	Andreas Sterl	2020/12/14	99	2021/01/23	103	3	ARGO MOCCA NETHERLANDS	SBE41CP_V7.2.5	8649		
BODC	6003720	Brian King	2020/10/28	34	2020/12/27	40	3	Argo UK	SBE61	5637	1	Slight drift
CORIOLIS	3901841	Birgit Klein	2020/12/08	160	2021/03/28	171	3	ARGO MOCCA	SBE41CP_V7.2.5	8054	1	Drift ? Looking at TS diagram, it seems but from which cycle ? Detected only by minmax for last cycles
CORIOLIS	3901999	Tamaryn Morris	2021/02/25	1	2021/04/28	7	3	Euro-Argo ERIC	SBE41CP	12174	2	Bias from beginning
CORIOLIS	6003091	Xavier CAPET	2021/03/06	1	2021/03/09	5	4	GMMC CNES	SBE41CP	9902	3	Only profile Descending are bad - Profiles Ascending are ok
CORIOLIS	6003557	Kjell Arne Mork	2021/03/02	66	2021/04/21	71	3	ARGO NORWAY	SBE41CP	10986	1	Drift on deep argo
CSIO	2902622	ZENHONG LIU	2020/10/23	220	2020/12/12	225	3	Argo CHINA	SBE41CP	5614	1	Drift
CSIRO	1901748	Peter Oke	2020/11/27	35	2020/12/07	36	3	ARGO AUSTRALIA	SBE41CP_V7.2.5	11756		
CSIRO	7900625	Steve Rintoul	2021/03/26	113	2021/03/26	113	3	Argo AUSTRALIA	SBE41CP_V7.2.5	9341	1	Drift or jump ? First cycle with anomaly
INCOIS	2902185	M Ravichandran	2020/12/29	190	2021/04/18	201	3	Indian Argo	SBE41CP	6670		
INCOIS	2902199	M Ravichandran	2020/07/10	211	2021/03/03	235	3	Indian Argo	SBE41CP	7512	1	
INCOIS	2902201	M Ravichandran	2020/08/23	164	2021/04/10	187	3	Indian Argo	SBE41CP	7642	1	
INCOIS	2902209	M Ravichandran	2019/03/10	92	2021/04/24	171	3 & 4	Indian Argo	SBE41CP	8353	1	saltier than surrounding profiles
INCOIS	2902211	M Ravichandran	2020/02/22	162	2021/04/27	205	3	Indian Argo	SBE41CP	8355	1	Drift
INCOIS	2902235	M Ravichandran	2021/03/19	367	2021/04/08	371	3	Argo INDIA	SBE41CP	9528	1	Drift
INCOIS	2902236	M Ravichandran	2020/08/27	233	2021/04/04	277	3	Argo INDIA	SBE41CP	9529	1	
INCOIS	2902268	M Ravichandran	2020/06/25	51	2021/04/21	82	3	Argo INDIA	SBE41CP	11267		
INCOIS	2902291	M Ravichandran	2021/03/05	0	2021/03/10	1	3	Argo INDIA	SBE41CP	11235	1	Bias or drift ? First cycle
JMA	2903212	JAMSTEC	2019/04/30	45	2021/03/11	117	4 & 3 & 4	Argo eq. JAMSTEC	SBE61	5631	2	highly biased (by approx 0.4 psu). Yuka Okunaka answered they are looking with the constructor: flag are set by recommendation from ADM1, that is QC1. Yuka's comment from 2019/09/19: "The qc flags of the following floats will be decided when the D-files are created. Float : 2903212 Cycle : 49 - 55"
JMA	2903404	JAMSTEC	2020/12/06	57	2021/01/25	62	3	Argo JAMSTEC	SBE41CP_V7.2.5	10965		
JMA	5905842	JMA	2020/08/29	61	2021/02/25	65,66,68	3	Argo eq. JAMSTEC	SBE61	5683	1	Drift (Deep Argo Float)
JMA	7900864	JAMSTEC	2021/03/14	86	2021/03/14	86	4	Argo eq. JAMSTEC	SBE61	5645	3	Bad profile
MEDS	4902470	Blair Greenan	2020/05/17	40	2021/04/12	73	3+ T	Argo CANADA	SBE41CP	41CP-11308	1	Drift, now bias on temp
<b>Floats on grey list since last month (from feedback)</b>												
ACML	1902043	DEAN ROEMMICH -> Grey List	2021/02/17	78	2021/03/29	82	3	Argo SIO	SBE41CP_V7.2.5	10850	1	Drift
ACML	1902222	BRECK OWENS, STEVEN JAYNE, P.E. ROBBINS -> Grey List	2021/02/01	70	2021/03/12	74	4	Argo WHOI	SBE41CP	10904	1	
ACML	1902224	BRECK OWENS, STEVEN JAYNE, P.E. ROBBINS -> Grey List	2021/03/03	73	2021/04/02	76	3	Argo WHOI	SBE41CP	11026	1	Drift ? Saltier than surrounding profiles
ACML	2902397	BRECK OWENS, STEVEN JAYNE, P.E. ROBBINS -> Grey List	2020/05/16	167	2020/12/15	189	4	Argo WHOI	SBE41CP	7335	1	Gap around 3 psu
ACML	3901114	BRECK OWENS, STEVEN JAYNE, P.E. ROBBINS -> Grey List	2020/10/06	191	2021/02/09	204	3	Argo WHOI	SBE41CP	6466	1	Drift
ACML	3901222	BRECK OWENS, STEVEN JAYNE, P.E. ROBBINS -> Grey List	2020/07/16	170	2021/03/28	208	3	Argo WHOI	SBE41CP	6509	1	QC2 automatically set - cycle 142 is 0.03 PSU saltier than surrounding profiles
ACML	3901227	BRECK OWENS, STEVEN JAYNE, P.E. ROBBINS -> Grey List	2018/04/30	100	2021/02/08	203	3	Argo WHOI	SBE41CP	6486	1	QC2 automatically set - cycle 139 is 0.07 PSU saltier than surrounding profiles
ACML	3901247	DEAN ROEMMICH -> Grey List	2021/02/27	170	2021/03/28	173	3	Argo SIO	SBE41CP_V7.2.5	8670	1	Drift
ACML	3901808	BRECK OWENS, STEVEN JAYNE, P.E. ROBBINS -> Grey List	2020/05/28	226	2021/02/11	278	3 & 4 + 1	Argo WHOI	SBE41CP	8458		Previous Cycles a lot of cycles before, 0.02 PSU salty drift. Now corrected in adjusted. But Cycle 226, gap (more than 1 psu) with QC1 (PSAL&PSAL ADJUSTED)
ACML	3901809	BRECK OWENS, STEVEN JAYNE, P.E. ROBBINS -> Grey List	2020/10/25	271	2020/12/14	281	3 & 4 & 3	Argo WHOI	SBE41CP	8451	1	Slight jump and drift
ACML	3901813	BRECK OWENS, STEVEN JAYNE, P.E. ROBBINS -> Grey List	2021/01/25	266	2021/01/25	266	3	Argo WHOI	SBE41CP	8391		
ACML	3902144	BRECK OWENS, STEVEN JAYNE, P.E. ROBBINS -> Grey List	2021/02/26	72	2021/03/08	73	3	Argo WHOI	SBE41CP	11032	1	Large drift
ACML	3902145	BRECK OWENS, STEVEN JAYNE, P.E. ROBBINS -> Grey List	2020/02/05	33	2020/12/28	66	4 & 3	Argo WHOI	SBE41CP	11024	4	something better - stop at 37 & restart from cycle 64
ACML	3902164	BRECK OWENS, STEVEN JAYNE, P.E. ROBBINS -> Grey List	2020/10/22	59	2020/12/11	64	3	Argo WHOI	SBE41CP	11027	1	Drift
ACML	4901591	BRECK OWENS, STEVE JAYNE, P.E. ROBBINS -> Grey List	2017/10/26	153	2020/12/14	271	4	Argo WHOI	SBE41CP	4890	3	cycle 233 seems to be 0.23 psu saltier than surrounding profiles at 1000 dbar. But recent cycles have not been below 1000 dbar and thus it is difficult to be certain of a drift and to infer when it may have begun. Hard ? psu fresh jump from cycle 234 on.
ACML	4902911	BRECK OWENS, STEVEN JAYNE, P.E. ROBBINS -> Grey List	2020/08/16	126	2021/01/22	142	3 & 4	Argo WHOI	SBE41CP	8551	1	
ACML	4902915	BRECK OWENS, STEVEN JAYNE, P.E. ROBBINS -> Grey List	2017/11/29	35,134	2021/03/29	281	3 (T & S) then S, then ST	Argo WHOI	SBE41CP	8540	3	seems to be depth-dependent and affect temperature as well since cycle 35 (2107/11/23), cycle 160 (2019/08/06) is 0.2 PSU fresher at 2000 dbar. WOA range put also warning on PSAL profiles
ACML	4902916	BRECK OWENS, STEVEN JAYNE, P.E. ROBBINS -> Grey List	2020/12/06	255	2020/12/26	259	3	Argo WHOI	SBE41CP	8380	3	slight drift
ACML	4903055	BRECK OWENS, STEVEN JAYNE, P.E. ROBBINS -> Grey List	2020/06/23	47	2020/11/21	57	3	Argo WHOI	SBE41CP	11030		
ACML	4903231	WIFFELS, JAYNE, ROBBINS -> Grey List	2021/03/14	41	2021/04/02	43	3	Argo WHOI	SBE41CP	11093	1	Drift
ACML	4903247	WIFFELS, JAYNE, ROBBINS -> Grey List	2020/09/24	42	2020/11/13	48	3	Argo WHOI	SBE41CP	11062	1	Drift or bias ? Only one cycle
ACML	4903262	WIFFELS, JAYNE, ROBBINS -> Grey List	2021/03/11	41	2021/03/31	43	3	Argo WHOI	SBE41CP	11031	1	Large Drift
ACML	5905246	DEAN ROEMMICH -> Grey List	2021/03/19	128	2021/03/29	129	3	Argo SIO	SBE41CP_V7.2.5	8584	1	Drift is beginning
CORIOLIS	3901928	Sabrina Spielch -> Grey List	2021/03/17	157	2021/04/26	161	3	ARGO MOCCA	SBE41CP_V7.2.5	8494	1	Slight drift
CORIOLIS	7900569	Birgit Klein -> Grey List	2021/02/17	24	2021/03/29	28	3	Argo BSH	SBE41CP	41-12680	1	Large drift
CSIRO	2901849	Susan Wiffels -> Grey List	2021/07/11	344	2021/03/21	345	3	Argo Australia	SBE41CP_V2	4189	1	Drift
CSIRO	5902003	Susan Wiffels -> Grey List	2021/02/08	193	2021/02/28	195	3	ARGO AUSTRALIA	SBE41CP_V2	7055		
CSIRO	7900636	Steve Rintoul -> Grey List	2021/12/23	86	2021/03/20	101	4	Argo AUSTRALIA	SBE61_V5.0.2	5648		

## 2. Statistics on floats and format version (End of April 2021)

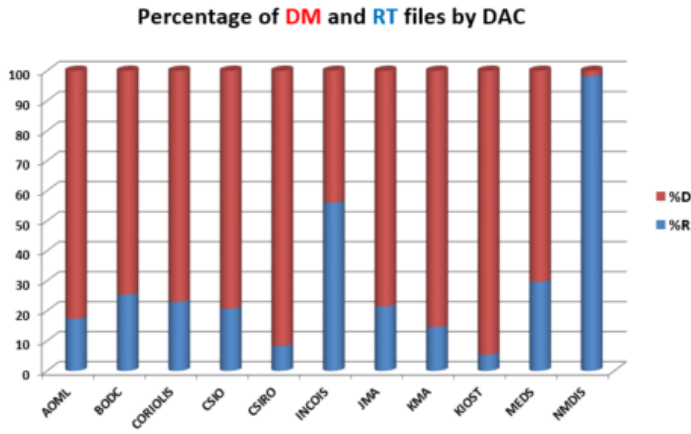
Plots showing format\_version percentage, number of floats (with profiles), number of D and R files by DACs.



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



**Delayed mode percentage by DAC**

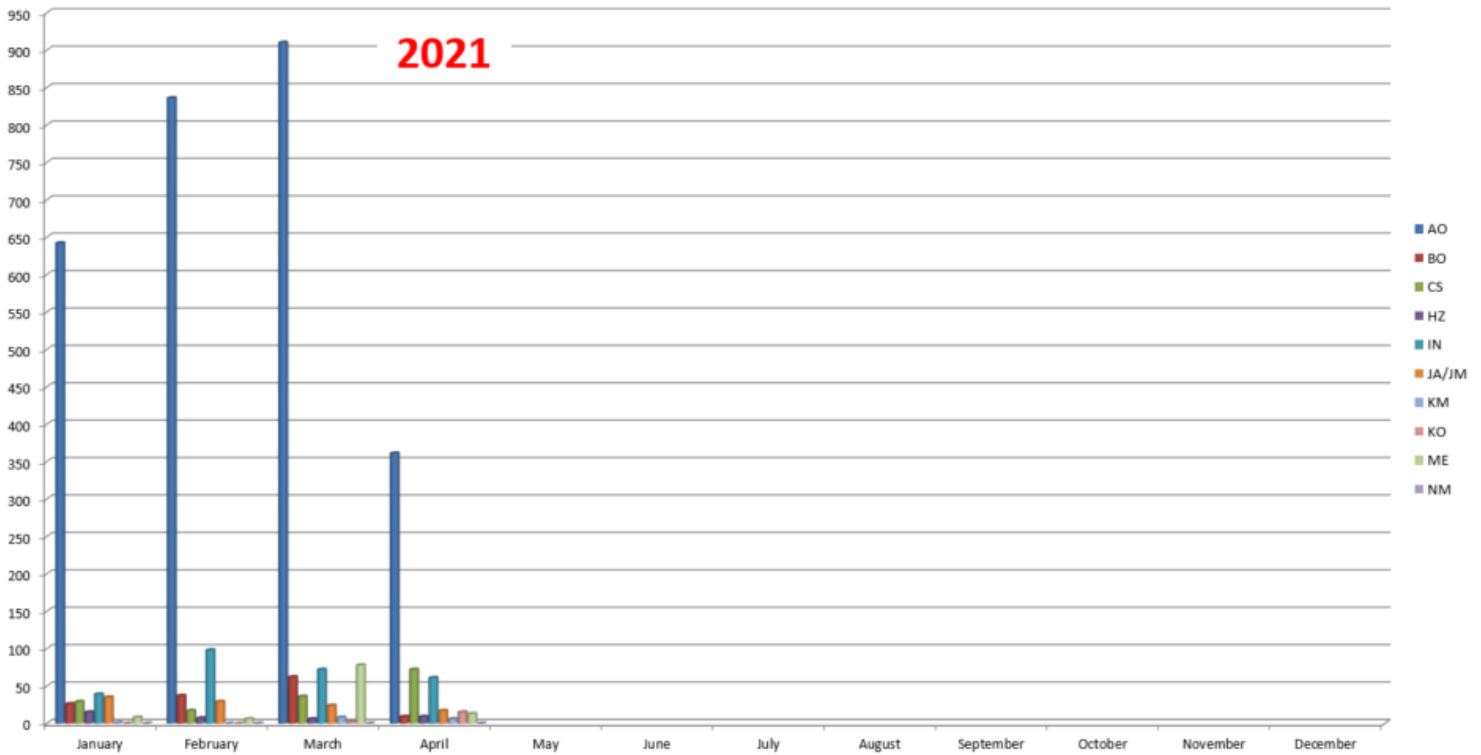


DACS	%R	%D
AOML	17,38	82,62
BODC	25,40	74,60
CORIOLIS	22,91	77,09
CSIO	20,69	79,31
CSIRO	8,28	91,72
INCOIS	56,02	43,98
JMA	21,47	78,53
KMA	14,59	85,41
KIOST	5,38	94,62
MEDS	29,66	70,34
NMDIS	98,17	1,83

**3. Statistics on Anomalies**

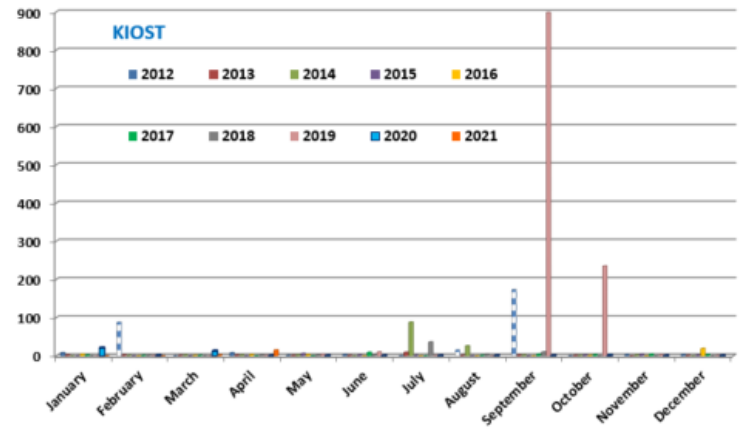
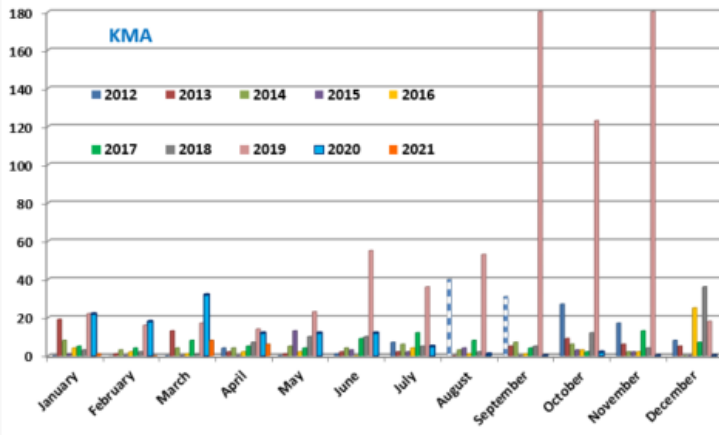
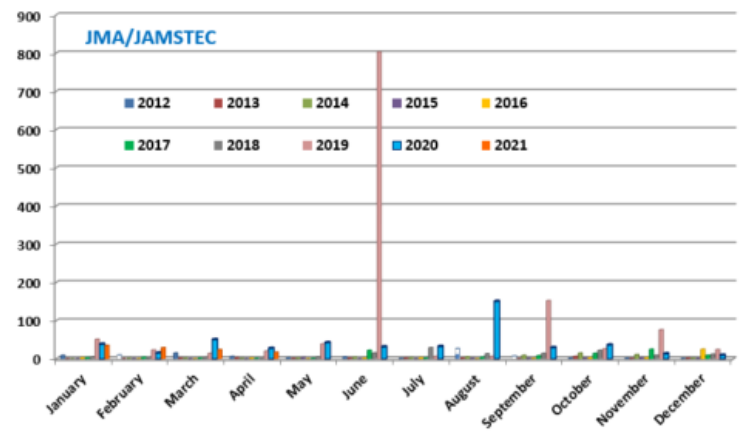
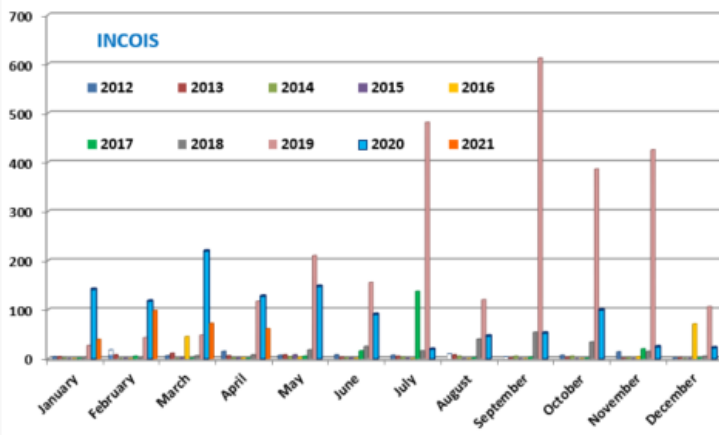
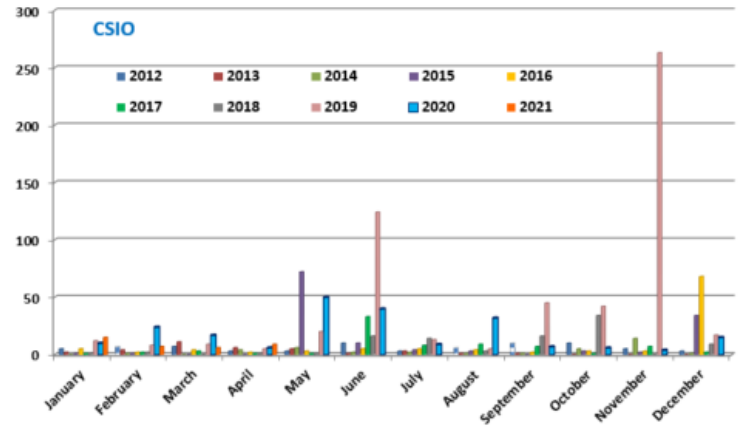
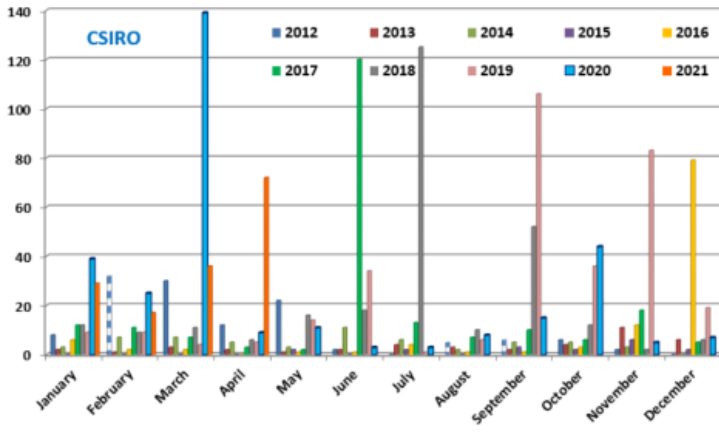
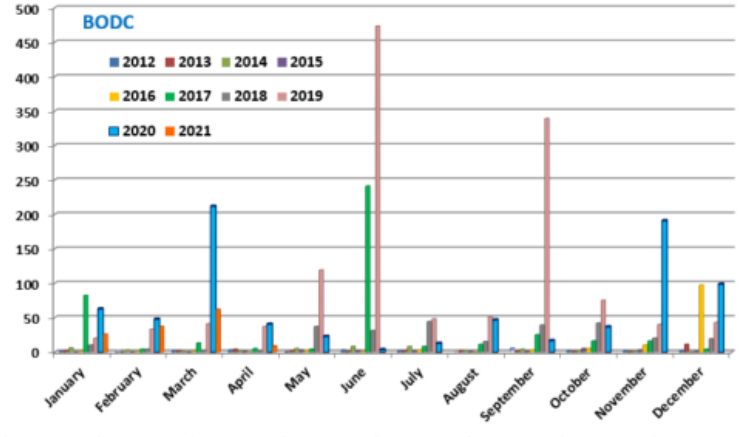
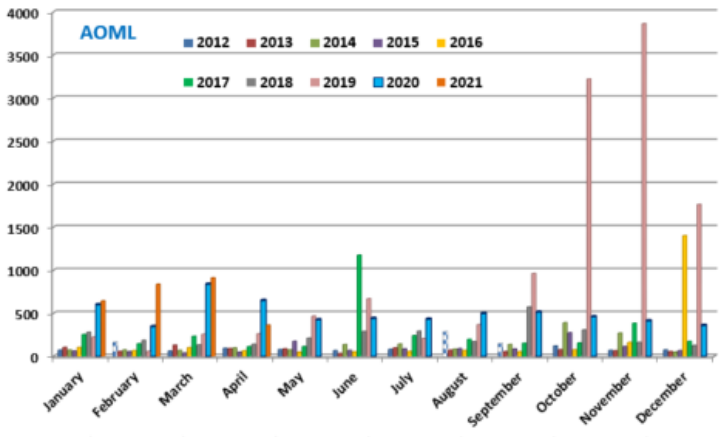
Plots showing evolution of number of anomalies by DAC.

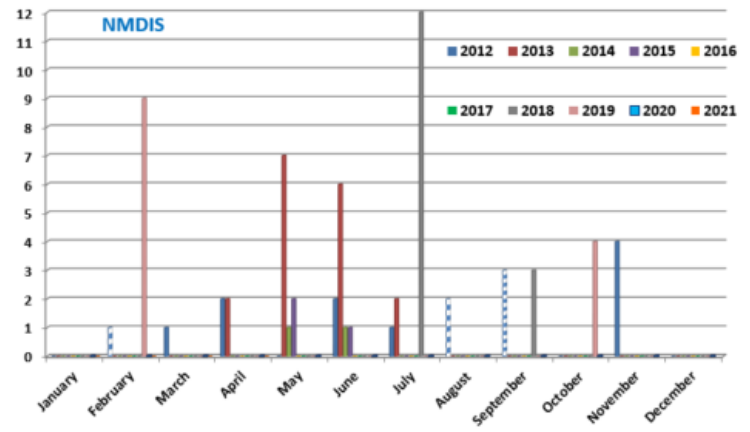
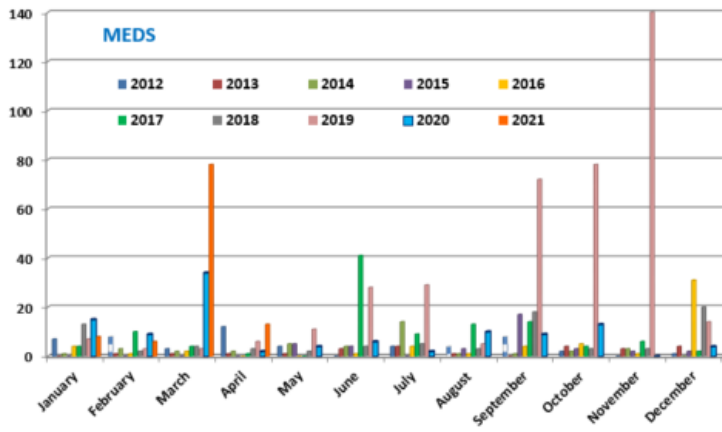
**3.1. Year**



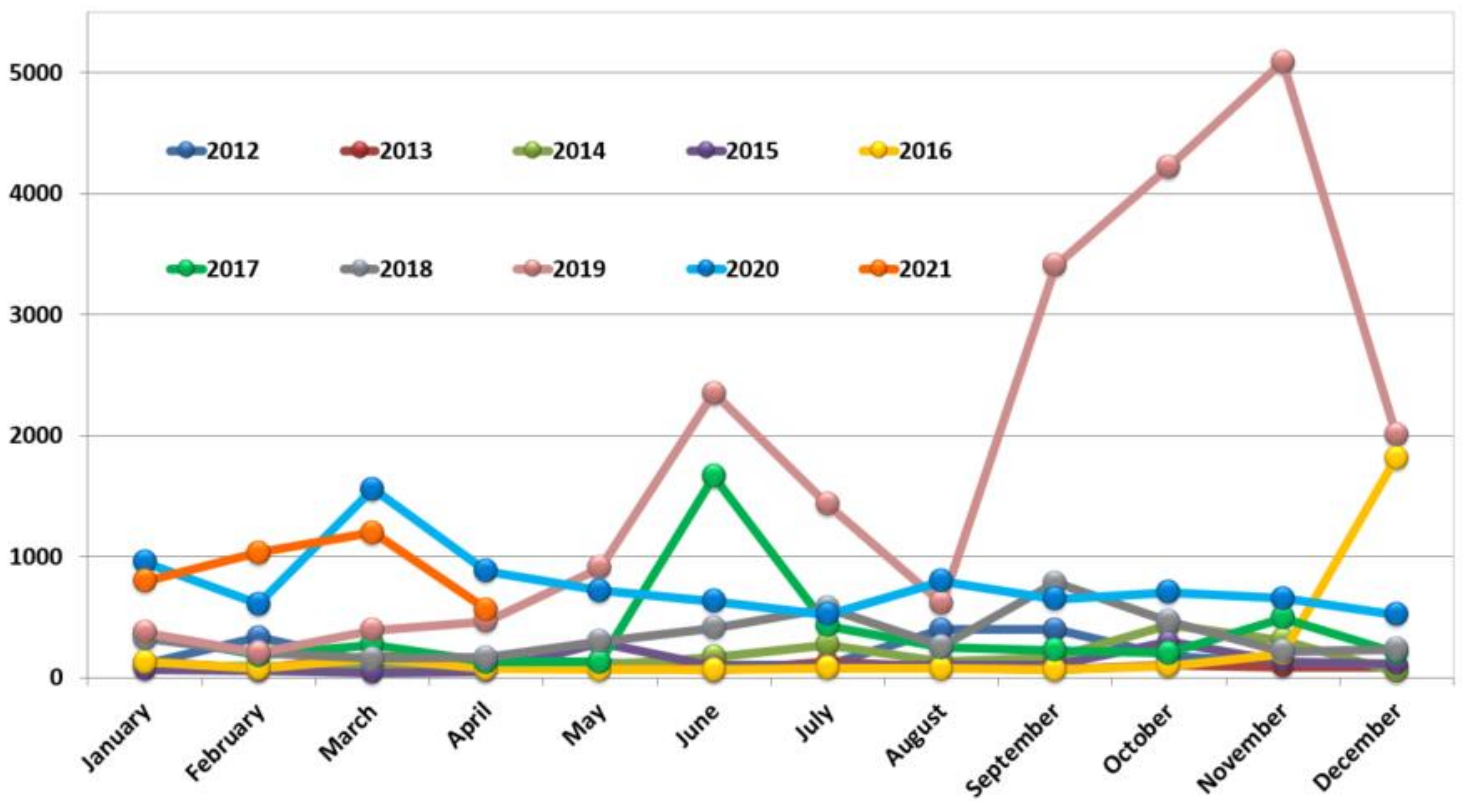


### 3.2. DAC





### 3.3. Anomalies by year, by month

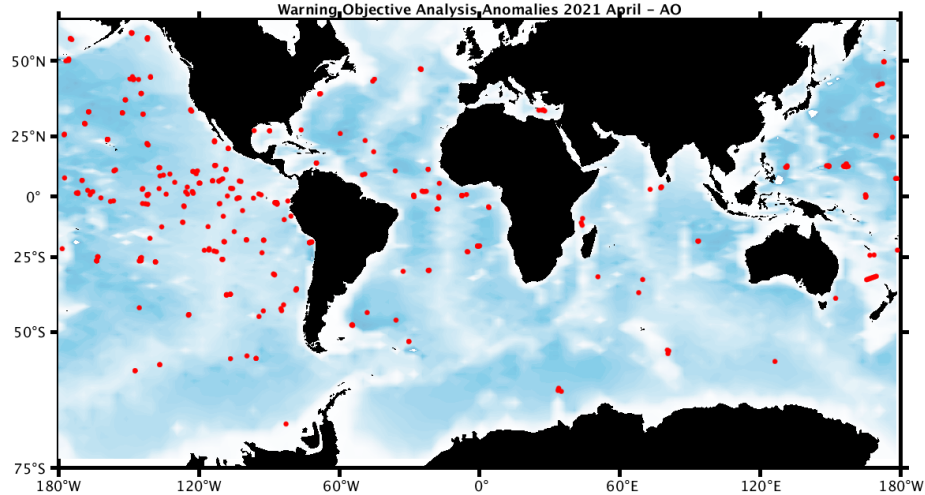


## 4. DAC Anomalies

### 4.1. DAC AOML

Profiles detected by the objective analysis: 361 profiles (162 floats, but floats can have several cycles with anomalies)

Data_mode ='R'	Data_mode ='A'	Data_mode ='D'
41 cycles	248 cycles	72 cycles



**Status of corrections:** Done for few profiles – still bad QC no corrected

**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 : 1901701 - Cycle : 270 - PI : BRECK OWENS, STEVE JAYNE, AND P.E. ROBBINS - Data mode : R - Platform type : S2A - WMO inst type : 854 - FLOAT SERIAL : 7204 - Date : 2021 4 8  
Float : 1901722 - Cycle : 254 - PI : BRECK OWENS, STEVEN JAYNE, P.E. ROBBINS - Data mode : R - Platform type : S2A - WMO inst type : 854 - FLOAT SERIAL : 7238 - Date : 2021 3 28  
Float : 1901722 - Cycle : 255 - PI : BRECK OWENS, STEVEN JAYNE, P.E. ROBBINS - Data mode : R - Platform type : S2A - WMO inst type : 854 - FLOAT SERIAL : 7238 - Date : 2021 4 7  
Float : 1901722 - Cycle : 256 - PI : BRECK OWENS, STEVEN JAYNE, P.E. ROBBINS - Data mode : R - Platform type : S2A - WMO inst type : 854 - FLOAT SERIAL : 7238 - Date : 2021 4 17  
Float : 1901722 - Cycle : 257 - PI : BRECK OWENS, STEVEN JAYNE, P.E. ROBBINS - Data mode : R - Platform type : S2A - WMO inst type : 854 - FLOAT SERIAL : 7238 - Date : 2021 4 26  
Float : 1901806 - Cycle : 210 - PI : BRECK OWENS, STEVEN JAYNE, P.E. ROBBINS - Data mode : R - Platform type : S2A - WMO inst type : 854 - FLOAT SERIAL : 7314 - Date : 2021 4 17  
Float : 1901806 - Cycle : 211 - PI : BRECK OWENS, STEVEN JAYNE, P.E. ROBBINS - Data mode : R - Platform type : S2A - WMO inst type : 854 - FLOAT SERIAL : 7314 - Date : 2021 4 27  
Float : 1901826 - Cycle : 116 - PI : BRECK OWENS, STEVEN JAYNE, P.E. ROBBINS - Data mode : R - Platform type : S2A - WMO inst type : 854 - FLOAT SERIAL : 7383 - Date : 2020 1 2  
Float : 1901826 - Cycle : 117 - PI : BRECK OWENS, STEVEN JAYNE, P.E. ROBBINS - Data mode : R - Platform type : S2A - WMO inst type : 854 - FLOAT SERIAL : 7383 - Date : 2020 1 12  
Float : 1902032 - Cycle : 161 - PI : DEAN ROEMMICH - Data mode : R - Platform type : SOLO\_II - WMO inst type : 853 - FLOAT SERIAL : 8500 - Date : 2021 3 24  
Float : 1902036 - Cycle : 83 - PI : DEAN ROEMMICH - Data mode : R - Platform type : SOLO\_II - WMO inst type : 853 - FLOAT SERIAL : 8723 - Date : 2021 4 3  
Float : 1902182 - Cycle : 112 - PI : BRECK OWENS, STEVEN JAYNE, P.E. ROBBINS - Data mode : R - Platform type : S2A - WMO inst type : 854 - FLOAT SERIAL : 7437 - Date : 2021 3 22  
Float : 1902182 - Cycle : 113 - PI : BRECK OWENS, STEVEN JAYNE, P.E. ROBBINS - Data mode : R - Platform type : S2A - WMO inst type : 854 - FLOAT SERIAL : 7437 - Date : 2021 4 1  
Float : 1902182 - Cycle : 114 - PI : BRECK OWENS, STEVEN JAYNE, P.E. ROBBINS - Data mode : R - Platform type : S2A - WMO inst type : 854 - FLOAT SERIAL : 7437 - Date : 2021 4 11  
Float : 1902182 - Cycle : 115 - PI : BRECK OWENS, STEVEN JAYNE, P.E. ROBBINS - Data mode : R - Platform type : S2A - WMO inst type : 854 - FLOAT SERIAL : 7437 - Date : 2021 4 21  
Float : 1902198 - Cycle : 102 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : NAVIS\_A - WMO inst type : 863 - FLOAT SERIAL : 0856 - Date : 2021 4 5  
Float : 1902198 - Cycle : 103 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : NAVIS\_A - WMO inst type : 863 - FLOAT SERIAL : 0856 - Date : 2021 4 15  
Float : 1902198 - Cycle : 104 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : NAVIS\_A - WMO inst type : 863 - FLOAT SERIAL : 0856 - Date : 2021 4 25  
Float : 1902269 - Cycle : 72 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : NAVIS\_A - WMO inst type : 863 - FLOAT SERIAL : 0946 - Date : 2021 4 1  
Float : 1902269 - Cycle : 73 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : NAVIS\_A - WMO inst type : 863 - FLOAT SERIAL : 0946 - Date : 2021 4 11  
Float : 1902269 - Cycle : 74 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : NAVIS\_A - WMO inst type : 863 - FLOAT SERIAL : 0946 - Date : 2021 4 21  
Float : 39008 - Cycle : 179 - PI : BOB MOLINARI - Data mode : R - Platform type : APEX - WMO inst type : 845 - FLOAT SERIAL : 73 - Date : 2005 4 22  
Float : 3901179 - Cycle : 250 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : NAVIS\_A - WMO inst type : 863 - FLOAT SERIAL : 0316 - Date : 2021 4 15  
Float : 3901179 - Cycle : 251 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : NAVIS\_A - WMO inst type : 863 - FLOAT SERIAL : 0316 - Date : 2021 4 25  
Float : 3901187 - Cycle : 258 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : NAVIS\_A - WMO inst type : 863 - FLOAT SERIAL : 0300 - Date : 2021 4 9  
Float : 3901187 - Cycle : 259 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : NAVIS\_A - WMO inst type : 863 - FLOAT SERIAL : 0300 - Date : 2021 4 19  
Float : 3901194 - Cycle : 219 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : NAVIS\_A - WMO inst type : 863 - FLOAT SERIAL : 0429 - Date : 2021 4 11  
Float : 3901199 - Cycle : 212 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : NAVIS\_A - WMO inst type : 863 - FLOAT SERIAL : 0478 - Date : 2021 3 31  
Float : 3901199 - Cycle : 213 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : NAVIS\_A - WMO inst type : 863 - FLOAT SERIAL : 0478 - Date : 2021 4 10  
Float : 3901199 - Cycle : 214 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : NAVIS\_A - WMO inst type : 863 - FLOAT SERIAL : 0478 - Date : 2021 4 20  
Float : 3901243 - Cycle : 4 - PI : BRECK OWENS, STEVEN JAYNE, P.E. ROBBINS - Data mode : R - Platform type : S2A - WMO inst type : 854 - FLOAT SERIAL : 7409 - Date : 2017 5 13  
Float : 3901257 - Cycle : 163 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : NAVIS\_A - WMO inst type : 863 - FLOAT SERIAL : 0684 - Date : 2021 4 3  
Float : 3901257 - Cycle : 164 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : NAVIS\_A - WMO inst type : 863 - FLOAT SERIAL : 0684 - Date : 2021 4 13  
Float : 3901257 - Cycle : 165 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : NAVIS\_A - WMO inst type : 863 - FLOAT SERIAL : 0684 - Date : 2021 4 23  
Float : 3901259 - Cycle : 159 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : NAVIS\_A - WMO inst type : 863 - FLOAT SERIAL : 0704 - Date : 2021 4 4

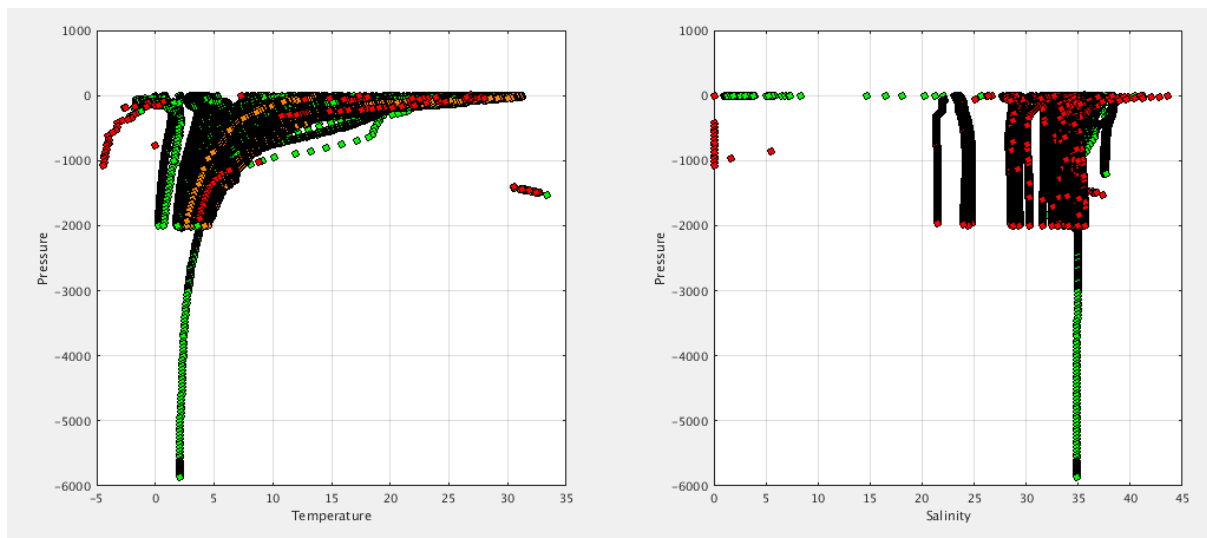








Float : 5904630 - Cycle : 165 - PI : STEPHEN RISER - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7276 - Date : 2020 4 20  
 Float : 5904630 - Cycle : 166 - PI : STEPHEN RISER - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7276 - Date : 2020 4 30  
 Float : 5904630 - Cycle : 167 - PI : STEPHEN RISER - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7276 - Date : 2020 5 10  
 Float : 5904630 - Cycle : 168 - PI : STEPHEN RISER - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7276 - Date : 2020 5 20  
 Float : 5904631 - Cycle : 200 - PI : STEPHEN RISER - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7280 - Date : 2021 4 5  
 Float : 5904654 - Cycle : 92 - PI : STEPHEN RISER - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7358 - Date : 2018 4 25  
 Float : 5904781 - Cycle : 168 - PI : STEPHEN RISER - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7662 - Date : 2021 4 5  
 Float : 5904785 - Cycle : 168 - PI : STEPHEN RISER - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7666 - Date : 2021 4 2  
 Float : 5904785 - Cycle : 169 - PI : STEPHEN RISER - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7666 - Date : 2021 4 12  
 Float : 5904786 - Cycle : 168 - PI : STEPHEN RISER - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7667 - Date : 2021 4 4  
 Float : 5904855 - Cycle : 154 - PI : STEPHEN RISER, KENNETH JOHNSON - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7758 - Date : 2021 3 20  
 Float : 5905726 - Cycle : 66 - PI : PHIL SUTTON - Data mode : D - Platform type : SOLO\_II - WMO inst type : 853 - FLOAT SERIAL : 8711 - Date : 2020 6 18  
 Float : 5906045 - Cycle : 1 - PI : STEPHEN RISER, KENNETH JOHNSON - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 8327 - Date : 2019 10 27

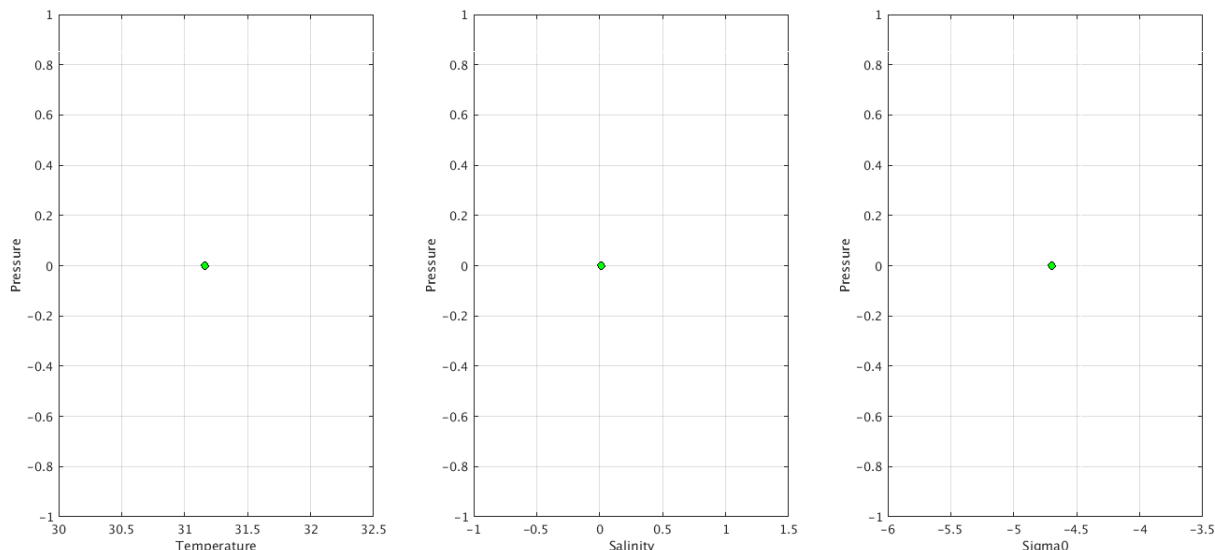


Plot for the 190 first profiles.

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

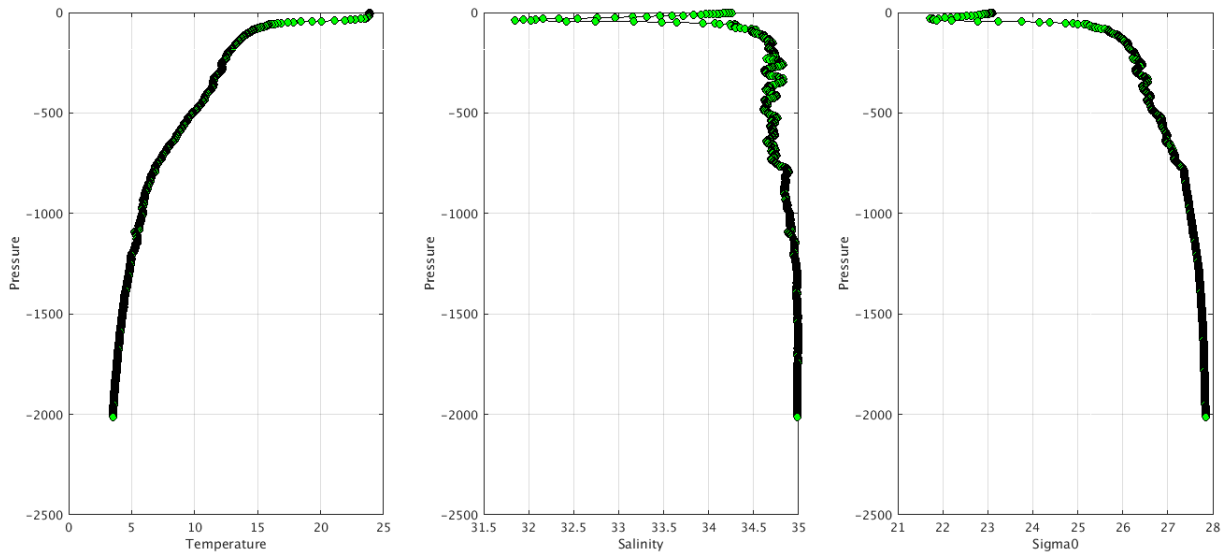
Example of anomalies:

Warning Objective Analysis Anomalies 2021 April TEMP PSAL : DAC AO- Float 1900183 - 55

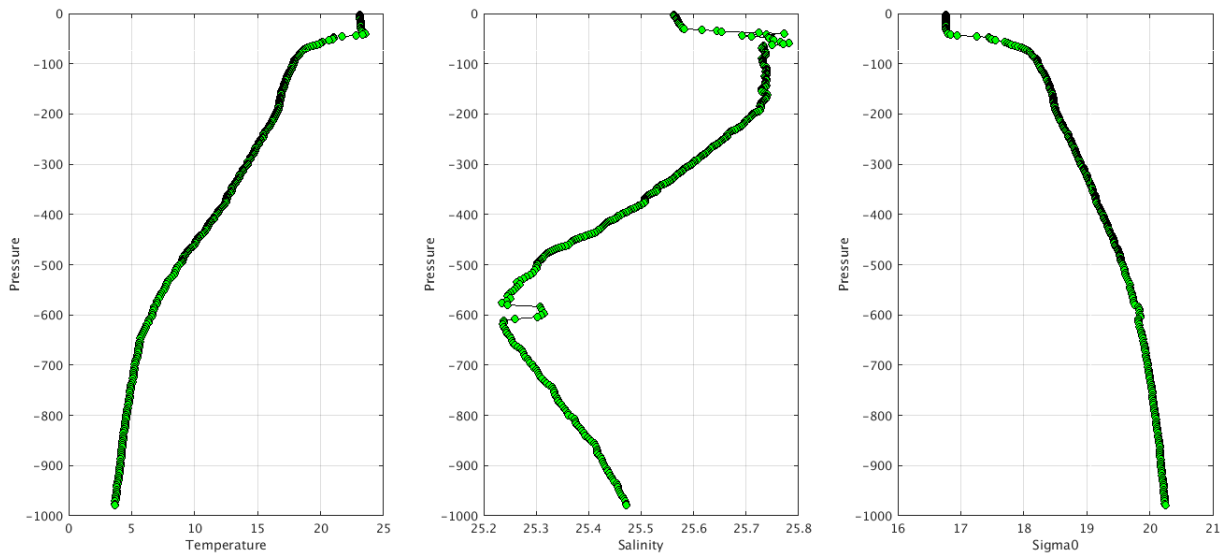




Warning Objective Analysis Anomalies 2021 April TEMP PSAL : DAC AO- Float 4903058 - 81



Warning Objective Analysis Anomalies 2021 April TEMP PSAL : DAC JA- Float 2903394 - 115



**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, .....

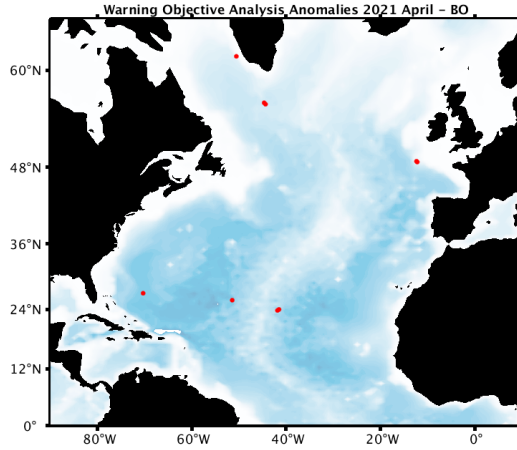
PI\_name = CARL SZCZECZOWSKI - Float 6900376 cycle 44 to cycle 92 – cycle 98 to 128 – cycle 131 to 135

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

## 4.2. DAC BODC

Profiles detected by the objective analysis: 9 profiles (6 floats, but floats can have several cycles with anomalies)

Data_mode ='R'	Data_mode ='A'	Data_mode ='D'
0 cycle	9 cycles	0 cycle

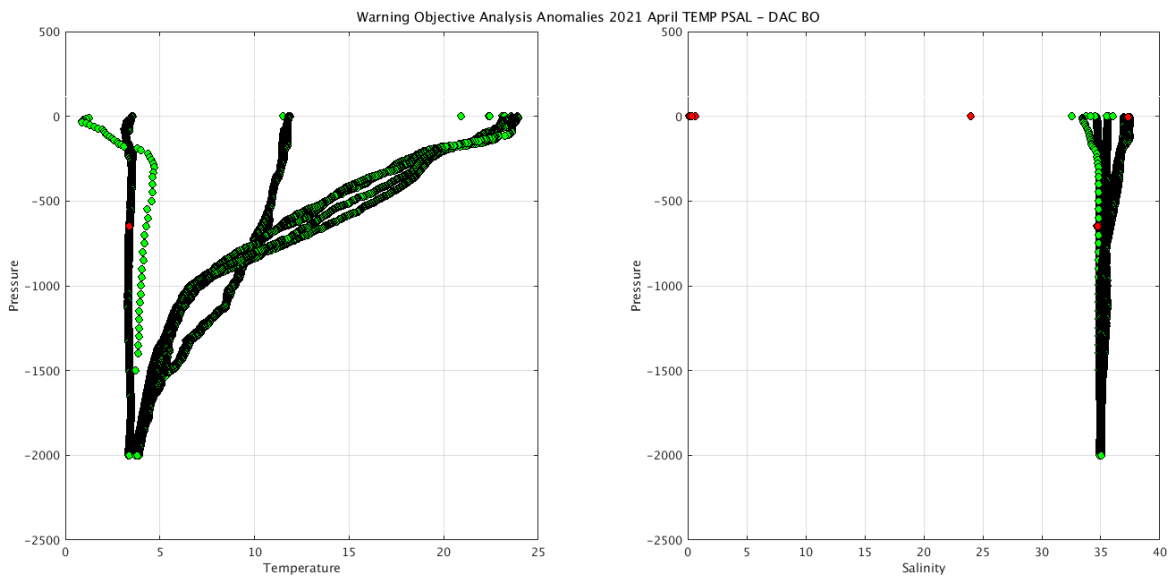


**Status of corrections: Correction in progress, regular feedback.**

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

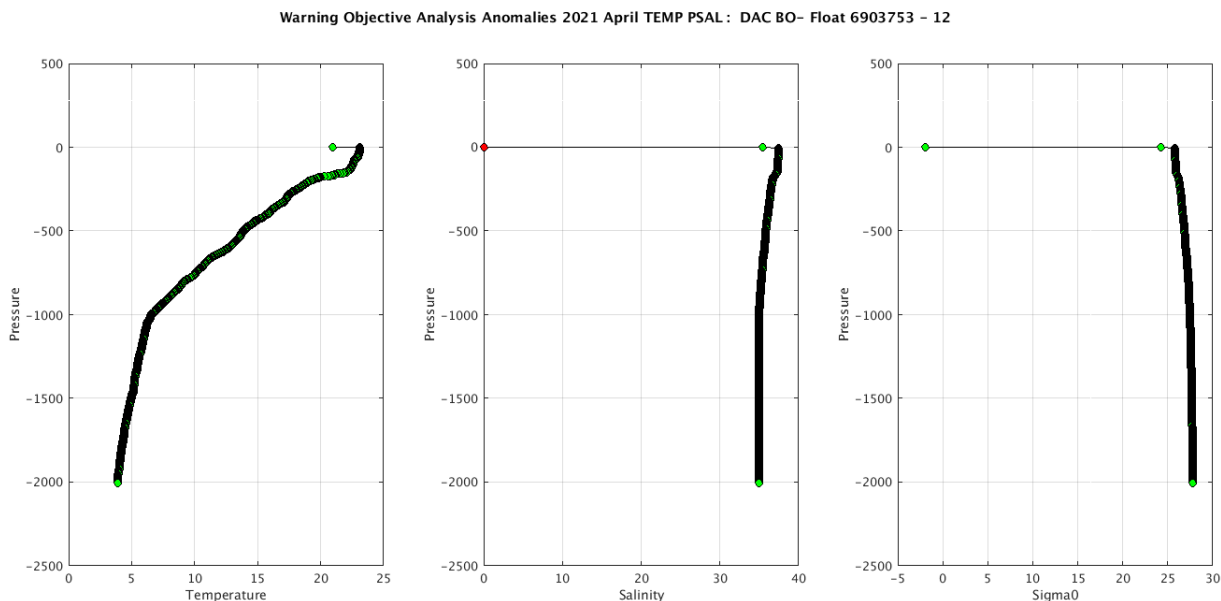
Float : 6901191 - Cycle : 182 - PI : Brian King - Data mode : A - Platform type : APEX - WMO inst type : 877 - FLOAT SERIAL : 7626 - Date : 2021 4 5  
 Float : 6901191 - Cycle : 184 - PI : Brian King - Data mode : A - Platform type : APEX - WMO inst type : 877 - FLOAT SERIAL : 7626 - Date : 2021 4 24  
 Float : 6901193 - Cycle : 179 - PI : Brian King - Data mode : A - Platform type : APEX - WMO inst type : 877 - FLOAT SERIAL : 7627 - Date : 2021 4 10  
 Float : 6901193 - Cycle : 180 - PI : Brian King - Data mode : A - Platform type : APEX - WMO inst type : 877 - FLOAT SERIAL : 7627 - Date : 2021 4 19  
 Float : 6901202 - Cycle : 144 - PI : Jon Turton - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 8073 - Date : 2021 4 23  
 Float : 6903727 - Cycle : 21 - PI : Brian King - Data mode : A - Platform type : APEX - WMO inst type : 877 - FLOAT SERIAL : 7625 - Date : 2021 4 7  
 Float : 6903753 - Cycle : 12 - PI : Brian King - Data mode : A - Platform type : APEX - WMO inst type : 877 - FLOAT SERIAL : 9137 - Date : 2021 4 6  
 Float : 6903753 - Cycle : 13 - PI : Brian King - Data mode : A - Platform type : APEX - WMO inst type : 877 - FLOAT SERIAL : 9137 - Date : 2021 4 16  
 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'



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

### Example of anomalies:



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

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

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

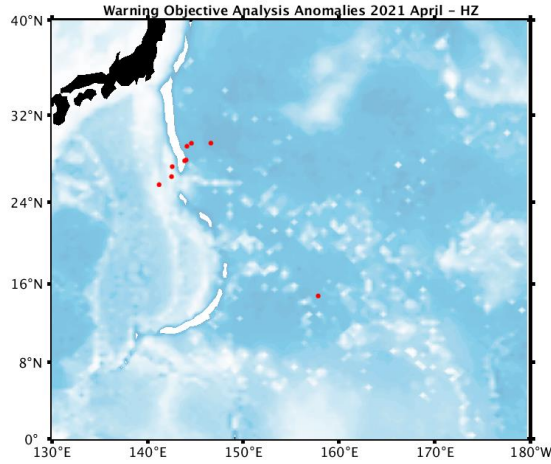
- Mix between RT and DM files: Float 6901181 ex below DM files till cycle 367 but a lot of old cycle in RT (1D, 2D, 3, 3D, 4, ....)

```
D6901181_354.nc
D6901181_355.nc
D6901181_356.nc
D6901181_357.nc
D6901181_358.nc
D6901181_359.nc
D6901181_360.nc
D6901181_361.nc
D6901181_362.nc
D6901181_363.nc
D6901181_364.nc
D6901181_365.nc
D6901181_366.nc
D6901181_367.nc
R6901181_001D.nc
R6901181_002D.nc
R6901181_003.nc
R6901181_003D.nc
R6901181_004.nc
R6901181_004D.nc
R6901181_005D.nc
R6901181_006D.nc
R6901181_007D.nc
R6901181_008.nc
R6901181_008D.nc
R6901181_009D.nc
R6901181_010.nc
R6901181_010D.nc
R6901181_011.nc
R6901181_011D.nc
R6901181_012.nc
```

4.3. DAC CSIO

Profiles detected by the objective analysis: 9 profiles (2 floats, but floats can have several cycles with anomalies)

Data_mode ='R'	Data_mode ='A'	Data_mode ='D'
0 cycle	9 cycles	0 cycle

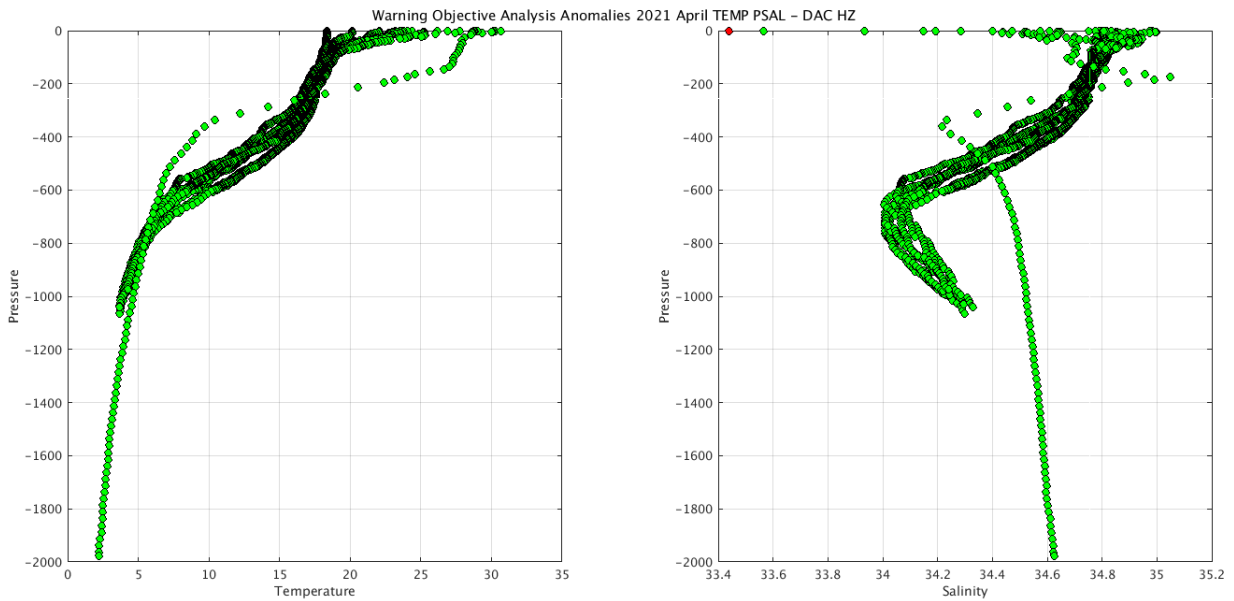


**Status of corrections:** No regular feedback, corrections not always done. Feedback for DM profiles.

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

- Float : 2901561 - Cycle : 4 - PI : Shangping Xie - Data mode : A - Platform type : PROVOR - WMO inst type : 841 - FLOAT SERIAL : OIN-13CH-HPX-12 - Date : 2014 3 31
- Float : 2901561 - Cycle : 49 - PI : Shangping Xie - Data mode : A - Platform type : PROVOR - WMO inst type : 841 - FLOAT SERIAL : OIN-13CH-HPX-12 - Date : 2014 5 15
- Float : 2901561 - Cycle : 53 - PI : Shangping Xie - Data mode : A - Platform type : PROVOR - WMO inst type : 841 - FLOAT SERIAL : OIN-13CH-HPX-12 - Date : 2014 5 19
- Float : 2901561 - Cycle : 74 - PI : Shangping Xie - Data mode : A - Platform type : PROVOR - WMO inst type : 841 - FLOAT SERIAL : OIN-13CH-HPX-12 - Date : 2014 6 9
- Float : 2901561 - Cycle : 75 - PI : Shangping Xie - Data mode : A - Platform type : PROVOR - WMO inst type : 841 - FLOAT SERIAL : OIN-13CH-HPX-12 - Date : 2014 6 10
- Float : 2901561 - Cycle : 86 - PI : Shangping Xie - Data mode : A - Platform type : PROVOR - WMO inst type : 841 - FLOAT SERIAL : OIN-13CH-HPX-12 - Date : 2014 6 21
- Float : 2901561 - Cycle : 95 - PI : Shangping Xie - Data mode : A - Platform type : PROVOR - WMO inst type : 841 - FLOAT SERIAL : OIN-13CH-HPX-12 - Date : 2014 6 30
- Float : 2901561 - Cycle : 104 - PI : Shangping Xie - Data mode : A - Platform type : PROVOR - WMO inst type : 841 - FLOAT SERIAL : OIN-13CH-HPX-12 - Date : 2014 7 9
- Float : 2902820 - Cycle : 12 - PI : FENG ZHOU - Data mode : A - Platform type : PROVOR - WMO inst type : 841 - FLOAT SERIAL : P32800-20CH029 - Date : 2021 4 15

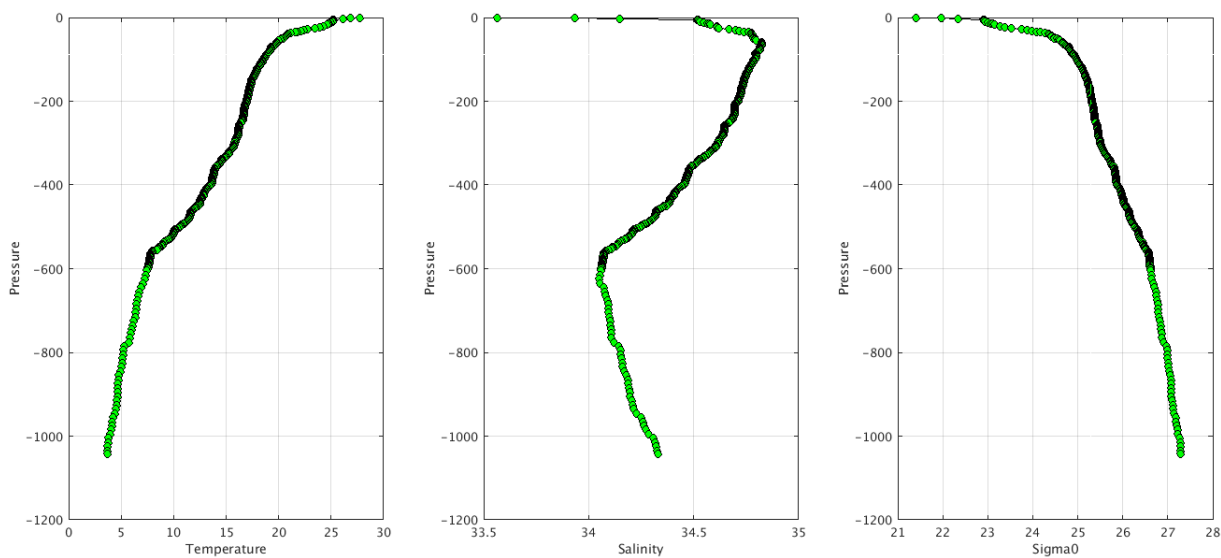
Files data\_mode='D'



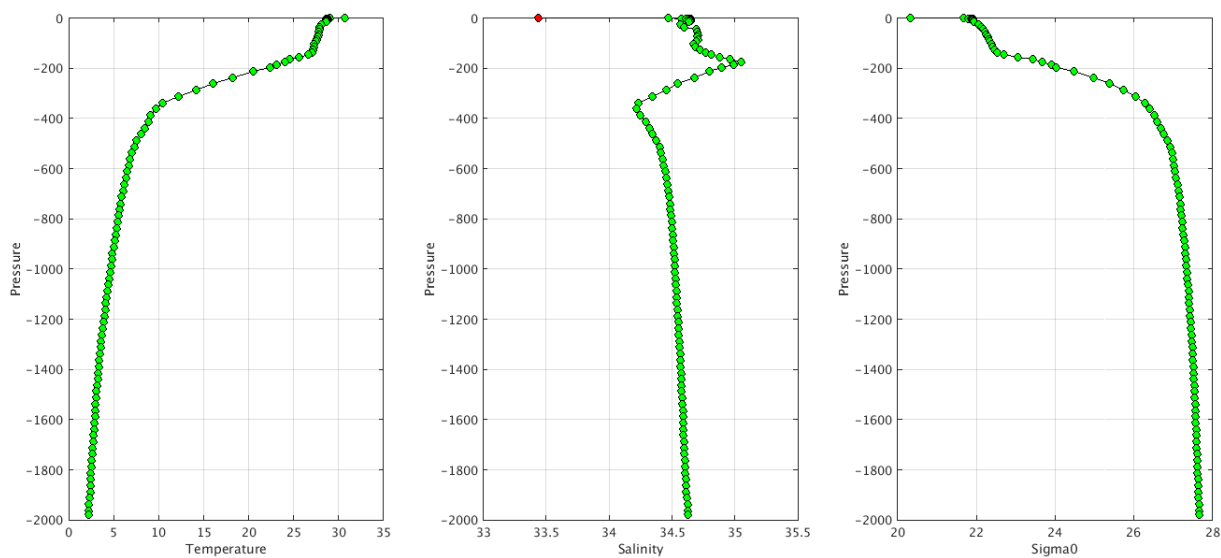
The list of the anomalies can be found at <https://data-argo.ifremer.fr/etc/ObjectiveAnalysisWarning/csi/>

Example of anomalies:

Warning Objective Analysis Anomalies 2021 April TEMP PSAL: DAC HZ- Float 2901561 - 95



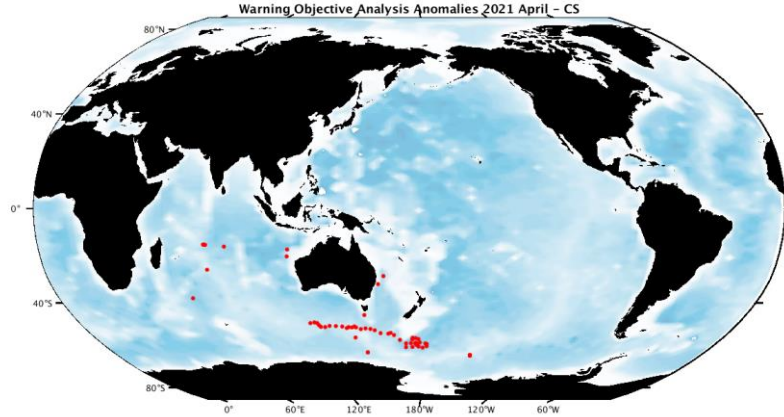
Warning Objective Analysis Anomalies 2021 April TEMP PSAL: DAC HZ- Float 2902820 - 12



#### 4.4. DAC CSIRO

Profiles detected by the objective analysis: 72 profiles (12 floats, but floats can have several cycles with anomalies)

Data_mode ='R'	Data_mode ='A'	Data_mode ='D'
0 cycle	26 cycles	46 cycles



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

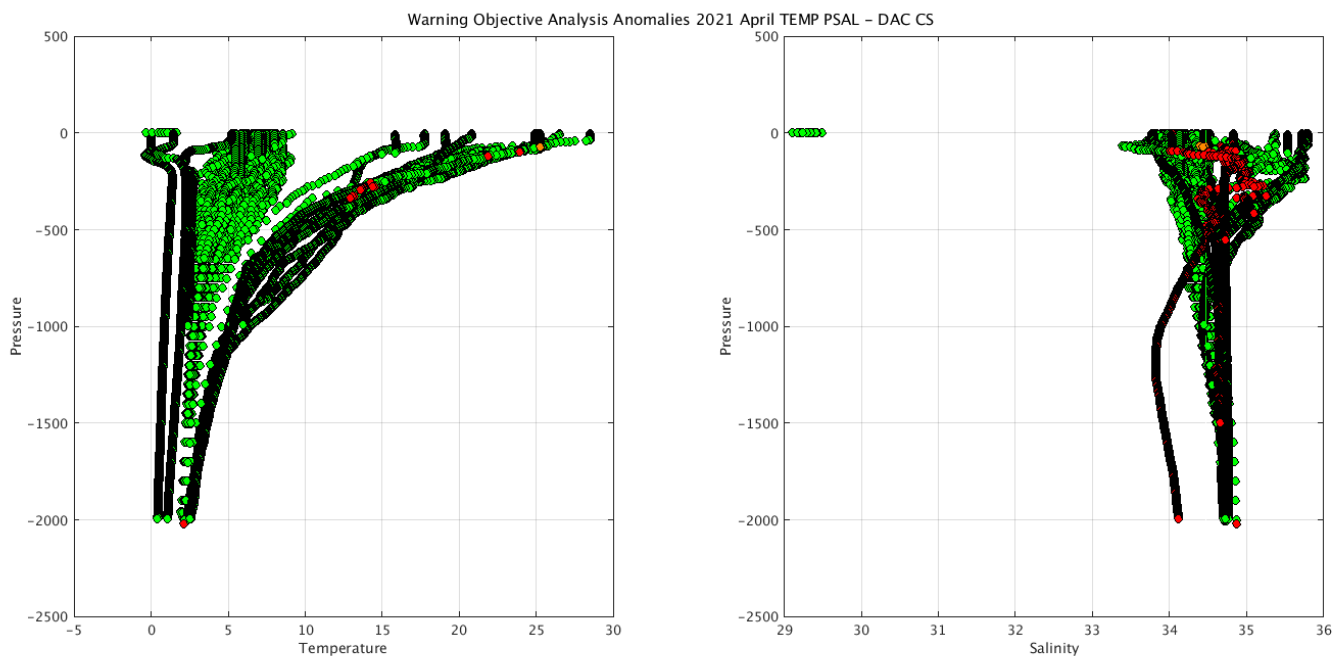
##### Files data\_mode='R' / 'A'

Float : 1901749 - Cycle : 48 - PI : Peter Oke - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 8827 - Date : 2021 4 22  
 Float : 1901762 - Cycle : 3 - PI : Peter Oke - Data mode : A - Platform type : NAVIS\_EBR - WMO inst type : 869 - FLOAT SERIAL : 1207 - Date : 2021 4 19  
 Float : 5904924 - Cycle : 192 - PI : Nick Hardman-Mountford - Data mode : A - Platform type : NAVIS\_A - WMO inst type : 863 - FLOAT SERIAL : 388 - Date : 2016 1 22  
 Float : 5904924 - Cycle : 261 - PI : Nick Hardman-Mountford - Data mode : A - Platform type : NAVIS\_A - WMO inst type : 863 - FLOAT SERIAL : 388 - Date : 2016 8 16  
 Float : 5904924 - Cycle : 262 - PI : Nick Hardman-Mountford - Data mode : A - Platform type : NAVIS\_A - WMO inst type : 863 - FLOAT SERIAL : 388 - Date : 2016 8 19  
 Float : 5904924 - Cycle : 263 - PI : Nick Hardman-Mountford - Data mode : A - Platform type : NAVIS\_A - WMO inst type : 863 - FLOAT SERIAL : 388 - Date : 2016 8 22  
 Float : 5904924 - Cycle : 264 - PI : Nick Hardman-Mountford - Data mode : A - Platform type : NAVIS\_A - WMO inst type : 863 - FLOAT SERIAL : 388 - Date : 2016 8 25  
 Float : 5905432 - Cycle : 70 - PI : Peter Oke - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 8441 - Date : 2021 4 24  
 Float : 5906624 - Cycle : 41 - PI : Philip Boyd - Data mode : A - Platform type : PROVOR\_V - WMO inst type : 834 - FLOAT SERIAL : P53435-20AU002 - Date : 2021 2 8  
 Float : 7900628 - Cycle : 112 - PI : Steve Rintoul - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 8151 - Date : 2021 4 3  
 Float : 7900636 - Cycle : 86 - PI : Steve Rintoul - Data mode : A - Platform type : SOLO\_D\_MRV - WMO inst type : 874 - FLOAT SERIAL : 12007 - Date : 2020 12 23  
 Float : 7900636 - Cycle : 87 - PI : Steve Rintoul - Data mode : A - Platform type : SOLO\_D\_MRV - WMO inst type : 874 - FLOAT SERIAL : 12007 - Date : 2021 1 2  
 Float : 7900636 - Cycle : 89 - PI : Steve Rintoul - Data mode : A - Platform type : SOLO\_D\_MRV - WMO inst type : 874 - FLOAT SERIAL : 12007 - Date : 2021 1 13  
 Float : 7900636 - Cycle : 90 - PI : Steve Rintoul - Data mode : A - Platform type : SOLO\_D\_MRV - WMO inst type : 874 - FLOAT SERIAL : 12007 - Date : 2021 1 14  
 Float : 7900636 - Cycle : 91 - PI : Steve Rintoul - Data mode : A - Platform type : SOLO\_D\_MRV - WMO inst type : 874 - FLOAT SERIAL : 12007 - Date : 2021 1 24  
 Float : 7900636 - Cycle : 92 - PI : Steve Rintoul - Data mode : A - Platform type : SOLO\_D\_MRV - WMO inst type : 874 - FLOAT SERIAL : 12007 - Date : 2021 1 25  
 Float : 7900636 - Cycle : 93 - PI : Steve Rintoul - Data mode : A - Platform type : SOLO\_D\_MRV - WMO inst type : 874 - FLOAT SERIAL : 12007 - Date : 2021 2 4  
 Float : 7900636 - Cycle : 94 - PI : Steve Rintoul - Data mode : A - Platform type : SOLO\_D\_MRV - WMO inst type : 874 - FLOAT SERIAL : 12007 - Date : 2021 2 5  
 Float : 7900636 - Cycle : 95 - PI : Steve Rintoul - Data mode : A - Platform type : SOLO\_D\_MRV - WMO inst type : 874 - FLOAT SERIAL : 12007 - Date : 2021 2 15  
 Float : 7900636 - Cycle : 96 - PI : Steve Rintoul - Data mode : A - Platform type : SOLO\_D\_MRV - WMO inst type : 874 - FLOAT SERIAL : 12007 - Date : 2021 2 16  
 Float : 7900636 - Cycle : 97 - PI : Steve Rintoul - Data mode : A - Platform type : SOLO\_D\_MRV - WMO inst type : 874 - FLOAT SERIAL : 12007 - Date : 2021 2 26  
 Float : 7900636 - Cycle : 98 - PI : Steve Rintoul - Data mode : A - Platform type : SOLO\_D\_MRV - WMO inst type : 874 - FLOAT SERIAL : 12007 - Date : 2021 2 27  
 Float : 7900636 - Cycle : 99 - PI : Steve Rintoul - Data mode : A - Platform type : SOLO\_D\_MRV - WMO inst type : 874 - FLOAT SERIAL : 12007 - Date : 2021 3 9  
 Float : 7900636 - Cycle : 100 - PI : Steve Rintoul - Data mode : A - Platform type : SOLO\_D\_MRV - WMO inst type : 874 - FLOAT SERIAL : 12007 - Date : 2021 3 10  
 Float : 7900636 - Cycle : 101 - PI : Steve Rintoul - Data mode : A - Platform type : SOLO\_D\_MRV - WMO inst type : 874 - FLOAT SERIAL : 12007 - Date : 2021 3 20  
 Float : 7900908 - Cycle : 5 - PI : Steve Rintoul - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 9031 - Date : 2021 4 4

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

Float : 1901153 - Cycle : 268 - PI : Susan Wijffels - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 4584 - Date : 2018 5 15  
 Float : 1901153 - Cycle : 269 - PI : Susan Wijffels - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 4584 - Date : 2018 5 25  
 Float : 1901153 - Cycle : 270 - PI : Susan Wijffels - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 4584 - Date : 2018 6 4  
 Float : 1901153 - Cycle : 271 - PI : Susan Wijffels - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 4584 - Date : 2018 6 14  
 Float : 1901153 - Cycle : 272 - PI : Susan Wijffels - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 4584 - Date : 2018 6 24  
 Float : 1901153 - Cycle : 273 - PI : Susan Wijffels - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 4584 - Date : 2018 7 4  
 Float : 1901153 - Cycle : 274 - PI : Susan Wijffels - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 4584 - Date : 2018 7 14  
 Float : 1901153 - Cycle : 275 - PI : Susan Wijffels - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 4584 - Date : 2018 7 24  
 Float : 1901153 - Cycle : 276 - PI : Susan Wijffels - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 4584 - Date : 2018 8 3  
 Float : 1901153 - Cycle : 277 - PI : Susan Wijffels - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 4584 - Date : 2018 8 13  
 Float : 1901153 - Cycle : 278 - PI : Susan Wijffels - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 4584 - Date : 2018 8 23  
 Float : 1901153 - Cycle : 279 - PI : Susan Wijffels - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 4584 - Date : 2018 9 2  
 Float : 1901153 - Cycle : 280 - PI : Susan Wijffels - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 4584 - Date : 2018 9 12  
 Float : 1901153 - Cycle : 281 - PI : Susan Wijffels - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 4584 - Date : 2018 9 22  
 Float : 1901153 - Cycle : 282 - PI : Susan Wijffels - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 4584 - Date : 2018 10 2  
 Float : 1901153 - Cycle : 283 - PI : Susan Wijffels - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 4584 - Date : 2018 10 12  
 Float : 1901153 - Cycle : 284 - PI : Susan Wijffels - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 4584 - Date : 2018 10 22  
 Float : 1901153 - Cycle : 285 - PI : Susan Wijffels - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 4584 - Date : 2018 11 1

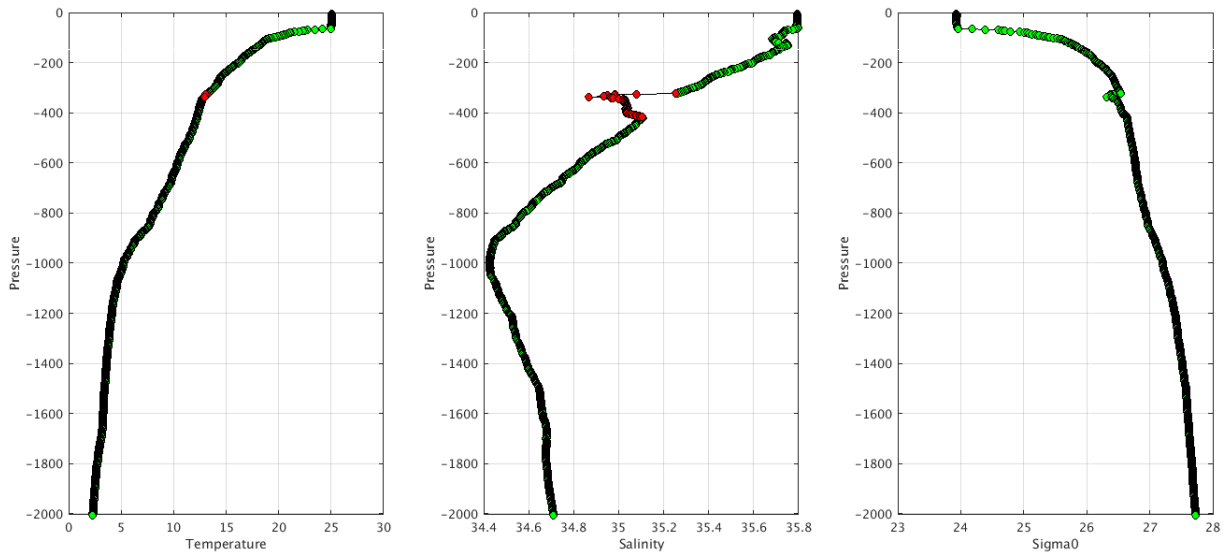
Float : 1901153 - Cycle : 286 - PI : Susan Wijffels - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 4584 - Date : 2018 11 11  
 Float : 1901153 - Cycle : 287 - PI : Susan Wijffels - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 4584 - Date : 2018 11 21  
 Float : 1901153 - Cycle : 288 - PI : Susan Wijffels - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 4584 - Date : 2018 12 1  
 Float : 1901153 - Cycle : 289 - PI : Susan Wijffels - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 4584 - Date : 2018 12 11  
 Float : 1901153 - Cycle : 290 - PI : Susan Wijffels - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 4584 - Date : 2018 12 21  
 Float : 1901153 - Cycle : 291 - PI : Susan Wijffels - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 4584 - Date : 2018 12 31  
 Float : 1901153 - Cycle : 292 - PI : Susan Wijffels - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 4584 - Date : 2019 1 10  
 Float : 1901153 - Cycle : 293 - PI : Susan Wijffels - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 4584 - Date : 2019 1 20  
 Float : 1901153 - Cycle : 294 - PI : Susan Wijffels - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 4584 - Date : 2019 1 30  
 Float : 1901153 - Cycle : 295 - PI : Susan Wijffels - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 4584 - Date : 2019 2 9  
 Float : 1901153 - Cycle : 296 - PI : Susan Wijffels - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 4584 - Date : 2019 2 19  
 Float : 1901153 - Cycle : 297 - PI : Susan Wijffels - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 4584 - Date : 2019 3 1  
 Float : 1901153 - Cycle : 298 - PI : Susan Wijffels - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 4584 - Date : 2019 3 11  
 Float : 1901153 - Cycle : 299 - PI : Susan Wijffels - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 4584 - Date : 2019 3 21  
 Float : 1901153 - Cycle : 300 - PI : Susan Wijffels - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 4584 - Date : 2019 3 31  
 Float : 1901153 - Cycle : 301 - PI : Susan Wijffels - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 4584 - Date : 2019 4 10  
 Float : 1901153 - Cycle : 302 - PI : Susan Wijffels - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 4584 - Date : 2019 4 20  
 Float : 1901153 - Cycle : 303 - PI : Susan Wijffels - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 4584 - Date : 2019 4 30  
 Float : 1901153 - Cycle : 304 - PI : Susan Wijffels - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 4584 - Date : 2019 5 10  
 Float : 1901153 - Cycle : 305 - PI : Susan Wijffels - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 4584 - Date : 2019 5 20  
 Float : 1901153 - Cycle : 306 - PI : Susan Wijffels - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 4584 - Date : 2019 5 30  
 Float : 1901153 - Cycle : 307 - PI : Susan Wijffels - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 4584 - Date : 2019 6 9  
 Float : 1901153 - Cycle : 308 - PI : Susan Wijffels - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 4584 - Date : 2019 6 19  
 Float : 1901153 - Cycle : 309 - PI : Susan Wijffels - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 4584 - Date : 2019 6 29  
 Float : 5900855 - Cycle : 1 - PI : Susan Wijffels - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 1916 - Date : 2005 4 18  
 Float : 5905030 - Cycle : 4 - PI : Susan Wijffels - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 6364 - Date : 2016 4 17  
 Float : 5905167 - Cycle : 56 - PI : Nick Hardman-Mountford - Data mode : D - Platform type : NAVIS\_A - WMO inst type : 863 - FLOAT SERIAL : 389 - Date : 2016 8 25  
 Float : 5905167 - Cycle : 76 - PI : Nick Hardman-Mountford - Data mode : D - Platform type : NAVIS\_A - WMO inst type : 863 - FLOAT SERIAL : 389 - Date : 2016 9 14



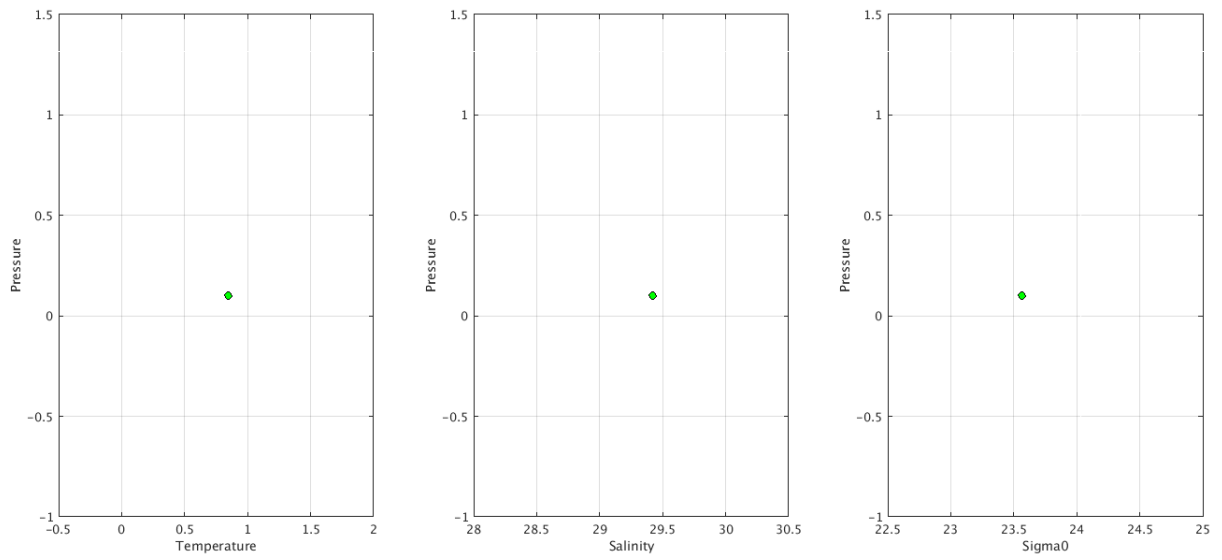
The list of the anomalies can be found at <https://data-argo.ifremer.fr/etc/ObjectiveAnalysisWarning/csiro/>

Example of anomalies:

Warning Objective Analysis Anomalies 2021 April TEMP PSAL : DAC CS- Float 1901762 - 3



Warning Objective Analysis Anomalies 2021 April TEMP PSAL : DAC CS- Float 7900636 - 91

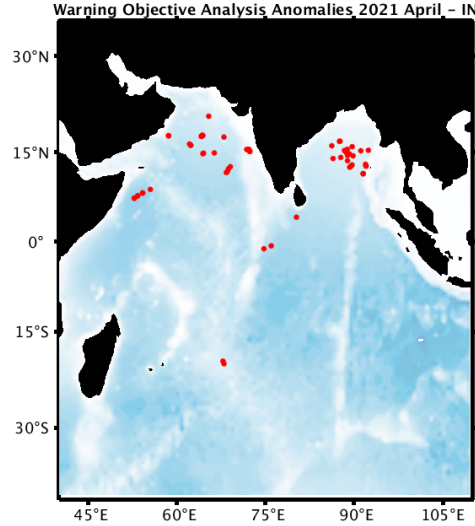




#### 4.5. DAC INCOIS

Profiles detected by the objective analysis: 52 profiles (19 floats, but floats can have several cycles with anomalies)

Data_mode ='R'	Data_mode ='A'	Data_mode ='D'
38 cycles	10 cycles	4 cycles



#### Status of corrections: Corrections done or in progress, some feedbacks

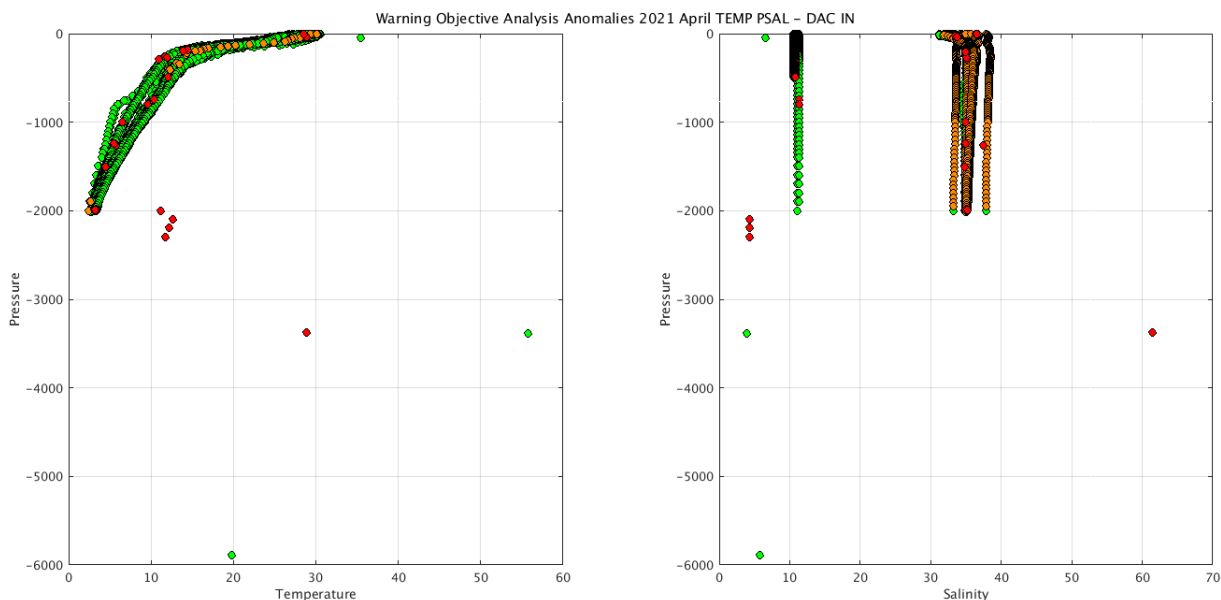
##### Files data\_mode='R'/'A'

Float : 2902091 - Cycle : 4 - PI : M Ravichandran - Data mode : R - Platform type : PROVOR_III - WMO inst type : 836 - FLOAT SERIAL : OIN 12_IND-FLBB-05 - Date : 2013	2	26
Float : 2902114 - Cycle : 17 - PI : M Ravichandran - Data mode : R - Platform type : PROVOR_III - WMO inst type : 836 - FLOAT SERIAL : OIN 13_IND-S4-05 - Date : 2014	2	12
Float : 2902114 - Cycle : 33 - PI : M Ravichandran - Data mode : R - Platform type : PROVOR_III - WMO inst type : 836 - FLOAT SERIAL : OIN 13_IND-S4-05 - Date : 2014	5	3
Float : 2902114 - Cycle : 49 - PI : M Ravichandran - Data mode : R - Platform type : PROVOR_III - WMO inst type : 836 - FLOAT SERIAL : OIN 13_IND-S4-05 - Date : 2014	7	22
Float : 2902114 - Cycle : 65 - PI : M Ravichandran - Data mode : R - Platform type : PROVOR_III - WMO inst type : 836 - FLOAT SERIAL : OIN 13_IND-S4-05 - Date : 2014	10	10
Float : 2902114 - Cycle : 81 - PI : M Ravichandran - Data mode : R - Platform type : PROVOR_III - WMO inst type : 836 - FLOAT SERIAL : OIN 13_IND-S4-05 - Date : 2014	12	29
Float : 2902114 - Cycle : 144 - PI : M Ravichandran - Data mode : R - Platform type : PROVOR_III - WMO inst type : 836 - FLOAT SERIAL : OIN 13_IND-S4-05 - Date : 2015	11	9
Float : 2902114 - Cycle : 160 - PI : M Ravichandran - Data mode : R - Platform type : PROVOR_III - WMO inst type : 836 - FLOAT SERIAL : OIN 13_IND-S4-05 - Date : 2016	1	28
Float : 2902160 - Cycle : 95 - PI : M Ravichandran - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7131 - Date : 2016	3	6
Float : 2902160 - Cycle : 94 - PI : M Ravichandran - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7129 - Date : 2016	2	29
Float : 2902160 - Cycle : 96 - PI : M Ravichandran - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7129 - Date : 2016	3	5
Float : 2902160 - Cycle : 96 - PI : M Ravichandran - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7129 - Date : 2016	3	10
Float : 2902161 - Cycle : 225 - PI : M Ravichandran - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7128 - Date : 2016	2	27
Float : 2902161 - Cycle : 226 - PI : M Ravichandran - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7128 - Date : 2016	3	3
Float : 2902161 - Cycle : 227 - PI : M Ravichandran - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7128 - Date : 2016	3	7
Float : 2902174 - Cycle : 403 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7124 - Date : 2021	3	31
Float : 2902174 - Cycle : 404 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7124 - Date : 2021	4	10
Float : 2902174 - Cycle : 405 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7124 - Date : 2021	4	20
Float : 2902175 - Cycle : 148 - PI : M Ravichandran - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7123 - Date : 2016	2	26
Float : 2902175 - Cycle : 149 - PI : M Ravichandran - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7123 - Date : 2016	3	7
Float : 2902179 - Cycle : 20 - PI : M Ravichandran - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7498 - Date : 2016	3	2
Float : 2902179 - Cycle : 21 - PI : M Ravichandran - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7498 - Date : 2016	3	12
Float : 2902185 - Cycle : 200 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7530 - Date : 2021	4	8
Float : 2902185 - Cycle : 201 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7530 - Date : 2021	4	18
Float : 2902199 - Cycle : 238 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7552 - Date : 2021	4	1
Float : 2902201 - Cycle : 186 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7542 - Date : 2021	3	31
Float : 2902201 - Cycle : 187 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7542 - Date : 2021	4	10
Float : 2902205 - Cycle : 279 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7549 - Date : 2021	4	7
Float : 2902209 - Cycle : 168 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7826 - Date : 2021	3	26
Float : 2902209 - Cycle : 169 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7826 - Date : 2021	4	4
Float : 2902209 - Cycle : 170 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7826 - Date : 2021	4	14
Float : 2902209 - Cycle : 171 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7826 - Date : 2021	4	24
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 : 204 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7827 - Date : 2021	4	17
Float : 2902211 - Cycle : 205 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7827 - Date : 2021	4	27
Float : 2902235 - Cycle : 370 - PI : M Ravichandran - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 17007 - Date : 2021	4	3
Float : 2902235 - Cycle : 371 - PI : M Ravichandran - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 17007 - Date : 2021	4	8
Float : 2902236 - Cycle : 277 - PI : M Ravichandran - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 17008 - Date : 2021	4	4

Float : 2902236 - Cycle : 278 - PI : M Ravichandran - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 17008 - Date : 2021 4 9  
 Float : 2902261 - Cycle : 114 - PI : M Ravichandran - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 17114 - Date : 2021 3 22  
 Float : 2902261 - Cycle : 115 - PI : M Ravichandran - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 17114 - Date : 2021 4 1  
 Float : 2902261 - Cycle : 116 - PI : M Ravichandran - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 17114 - Date : 2021 4 11  
 Float : 2902261 - Cycle : 117 - PI : M Ravichandran - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 17114 - Date : 2021 4 21  
 Float : 2902268 - Cycle : 80 - PI : M Ravichandran - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 18004 - Date : 2021 4 1  
 Float : 2902268 - Cycle : 81 - PI : M Ravichandran - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 18004 - Date : 2021 4 11  
 Float : 2902268 - Cycle : 82 - PI : M Ravichandran - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 18004 - Date : 2021 4 21

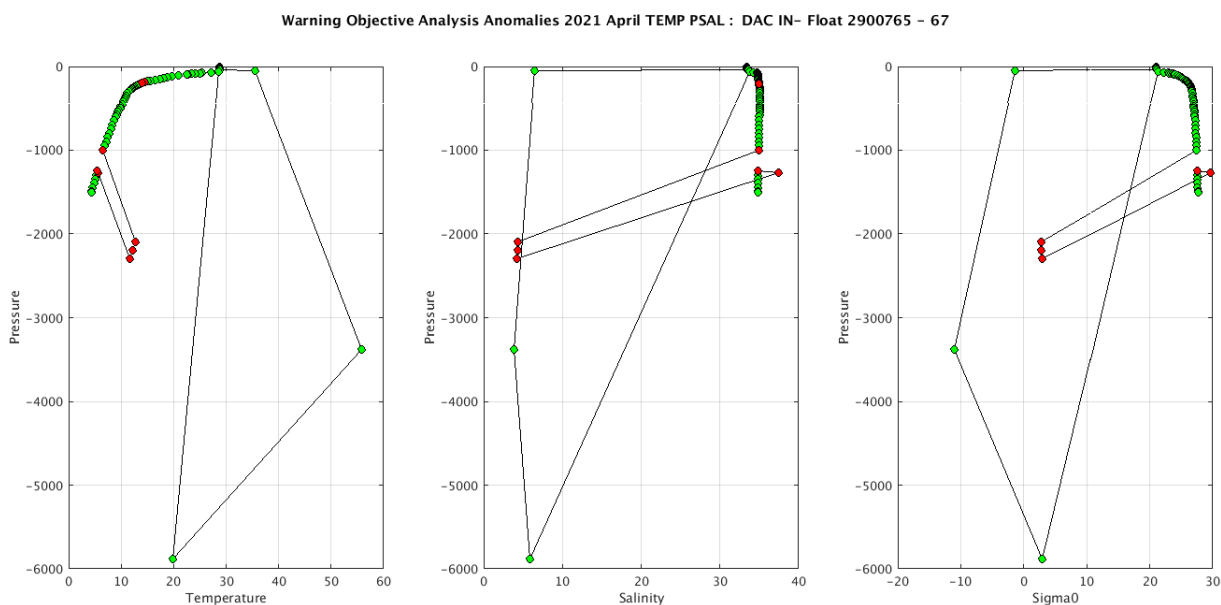
**Files data\_mode='D'**

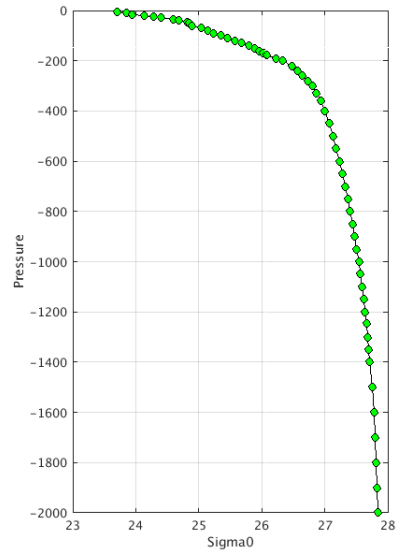
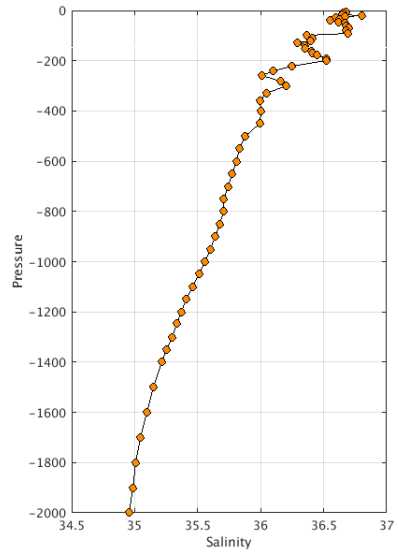
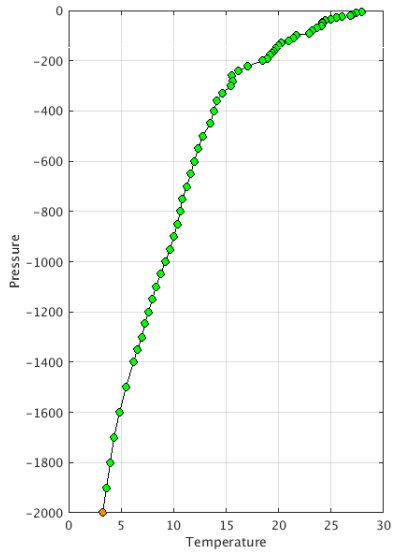
Float : 2900765 - Cycle : 5 - PI : M Ravichandran - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 3003 - Date : 2006 10 18  
 Float : 2900765 - Cycle : 43 - PI : M Ravichandran - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 3003 - Date : 2007 4 26  
 Float : 2900765 - Cycle : 52 - PI : M Ravichandran - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 3003 - Date : 2007 6 10  
 Float : 2900765 - Cycle : 67 - PI : M Ravichandran - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 3003 - Date : 2007 8 24



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

Example of anomalies:

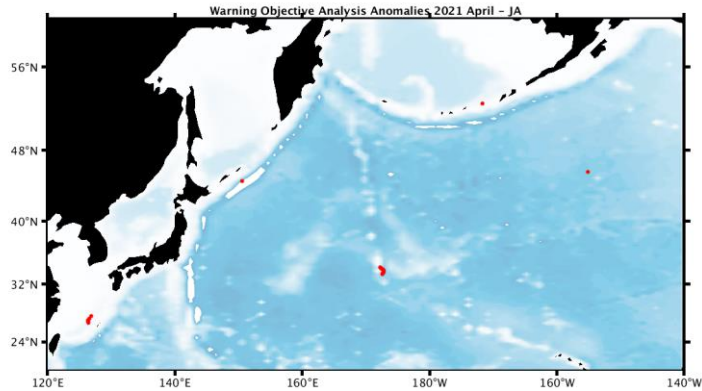




4.6. DAC JMA/JAMSTEC

Profiles detected by the objective analysis: 17 profiles (5 floats, but floats can have several cycles with anomalies)

Data_mode ='R'	Data_mode ='A'	Data_mode ='D'
1 cycle	15 cycles	1 cycle



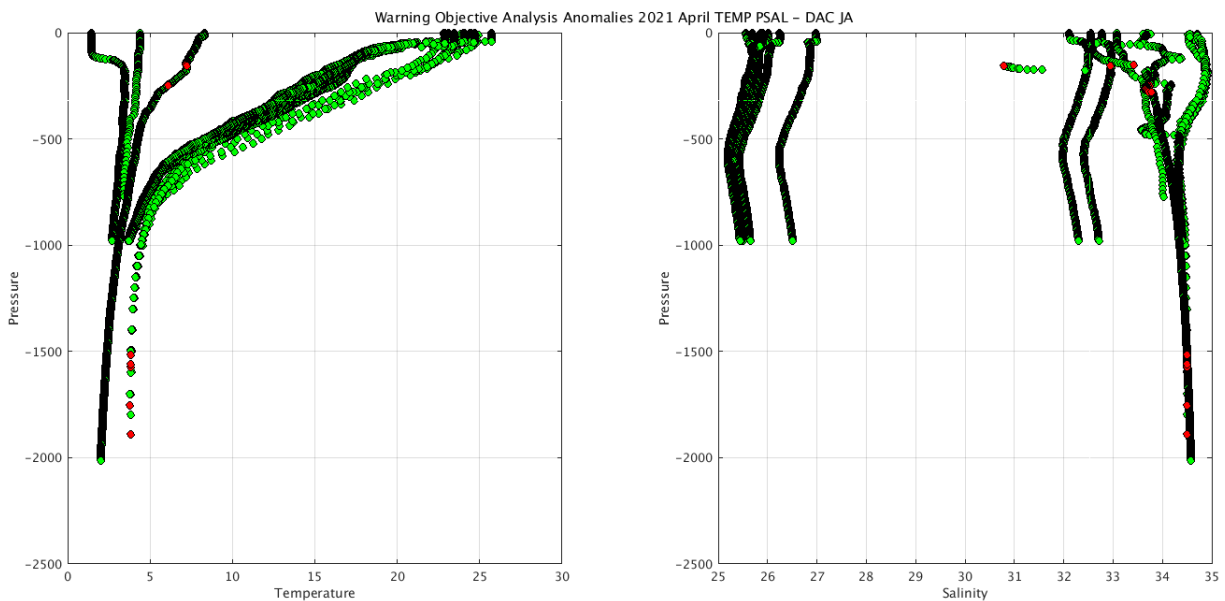
**Status of corrections: Correction in progress, feedbacks each month**

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

- Float : 2903384 - Cycle : 101 - PI : JMA - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 8566 - Date : 2021 4 9
- Float : 2903384 - Cycle : 102 - PI : JMA - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 8566 - Date : 2021 4 14
- Float : 2903384 - Cycle : 103 - PI : JMA - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 8566 - Date : 2021 4 19
- Float : 2903384 - Cycle : 104 - PI : JMA - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 8566 - Date : 2021 4 24
- Float : 2903384 - Cycle : 105 - PI : JMA - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 8566 - Date : 2021 4 28
- Float : 2903394 - Cycle : 110 - PI : JAMSTEC - Data mode : A - Platform type : NAVIS\_A - WMO inst type : 863 - FLOAT SERIAL : 0951 - Date : 2020 10 4
- Float : 2903394 - Cycle : 111 - PI : JAMSTEC - Data mode : A - Platform type : NAVIS\_A - WMO inst type : 863 - FLOAT SERIAL : 0951 - Date : 2020 10 9
- Float : 2903394 - Cycle : 112 - PI : JAMSTEC - Data mode : A - Platform type : NAVIS\_A - WMO inst type : 863 - FLOAT SERIAL : 0951 - Date : 2020 10 14
- Float : 2903394 - Cycle : 113 - PI : JAMSTEC - Data mode : A - Platform type : NAVIS\_A - WMO inst type : 863 - FLOAT SERIAL : 0951 - Date : 2020 10 19
- Float : 2903394 - Cycle : 114 - PI : JAMSTEC - Data mode : A - Platform type : NAVIS\_A - WMO inst type : 863 - FLOAT SERIAL : 0951 - Date : 2020 10 24
- Float : 2903394 - Cycle : 115 - PI : JAMSTEC - Data mode : A - Platform type : NAVIS\_A - WMO inst type : 863 - FLOAT SERIAL : 0951 - Date : 2020 10 29
- Float : 2903394 - Cycle : 116 - PI : JAMSTEC - Data mode : A - Platform type : NAVIS\_A - WMO inst type : 863 - FLOAT SERIAL : 0951 - Date : 2020 11 3
- Float : 2903394 - Cycle : 117 - PI : JAMSTEC - Data mode : A - Platform type : NAVIS\_A - WMO inst type : 863 - FLOAT SERIAL : 0951 - Date : 2020 11 8
- Float : 2903394 - Cycle : 118 - PI : JAMSTEC - Data mode : A - Platform type : NAVIS\_A - WMO inst type : 863 - FLOAT SERIAL : 0951 - Date : 2020 11 13
- Float : 2903395 - Cycle : 62 - PI : JAMSTEC - Data mode : A - Platform type : NAVIS\_A - WMO inst type : 863 - FLOAT SERIAL : 0952 - Date : 2020 2 7
- Float : 4902380 - Cycle : 60 - PI : JAMSTEC - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 8264 - Date : 2020 3 25

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

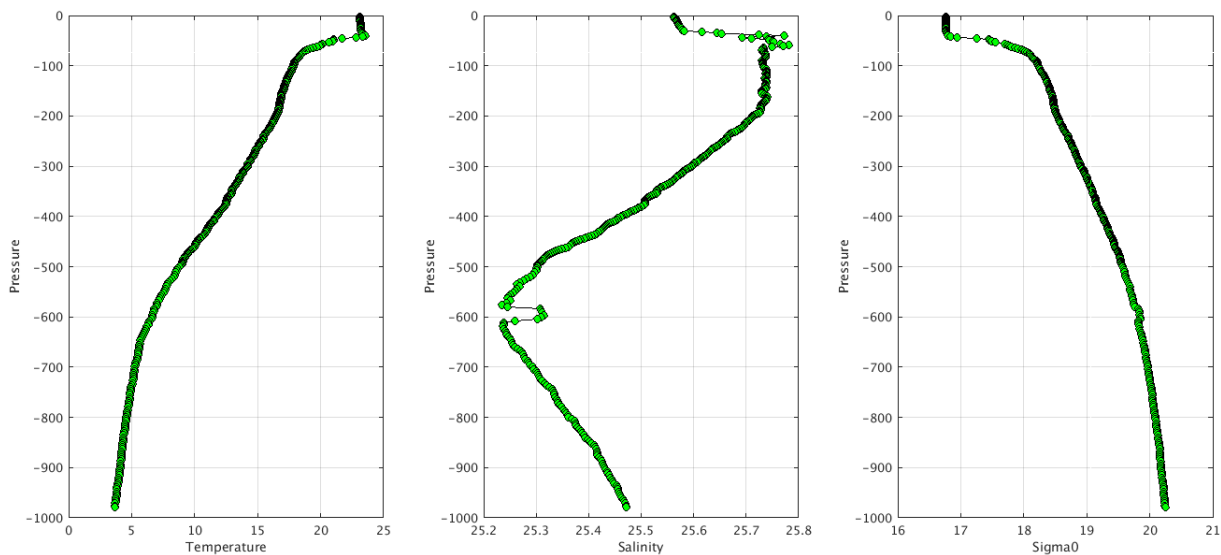
- Float : 4900393 - Cycle : 25 - PI : JAMSTEC - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 1330 - Date : 2005 4 16



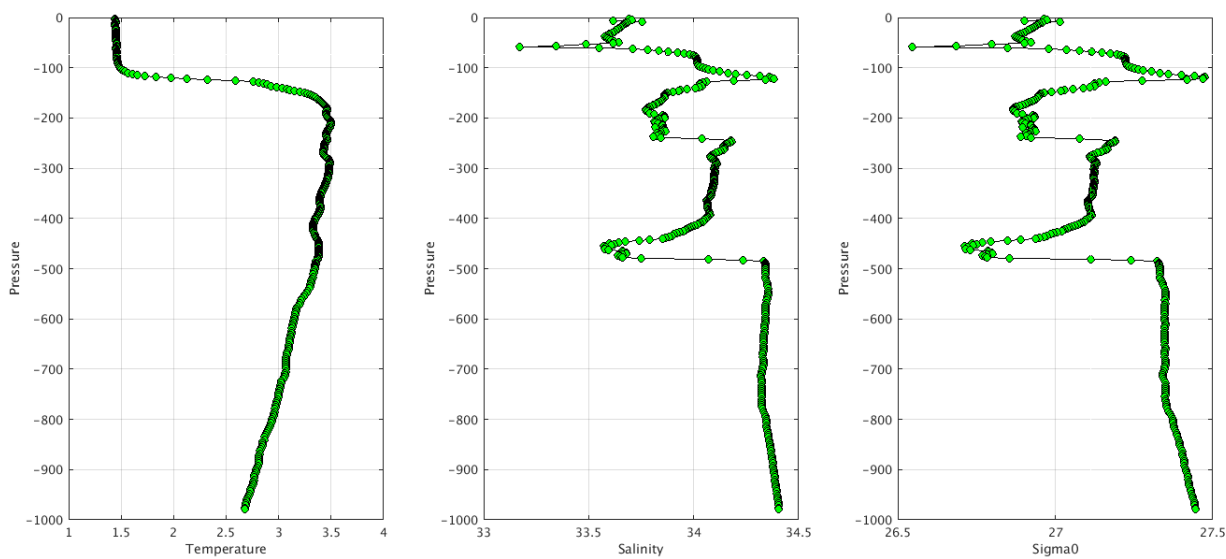
The list of the anomalies can be found at <https://data-argo.ifremer.fr/etc/ObjectiveAnalysisWarning/jma/>

Example of anomalies:

Warning Objective Analysis Anomalies 2021 April TEMP PSAL : DAC JA- Float 2903394 - 115



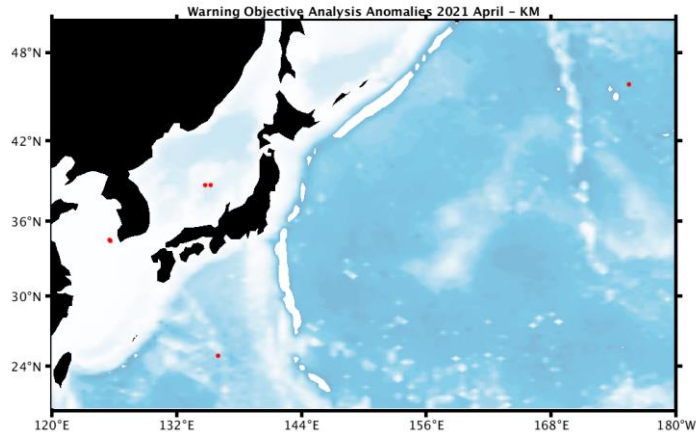
Warning Objective Analysis Anomalies 2021 April TEMP PSAL : DAC JA- Float 2903395 - 62



4.7. DAC KMA

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

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



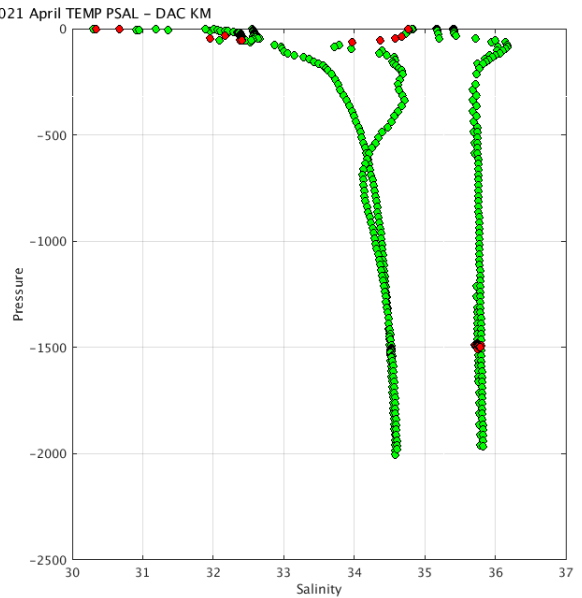
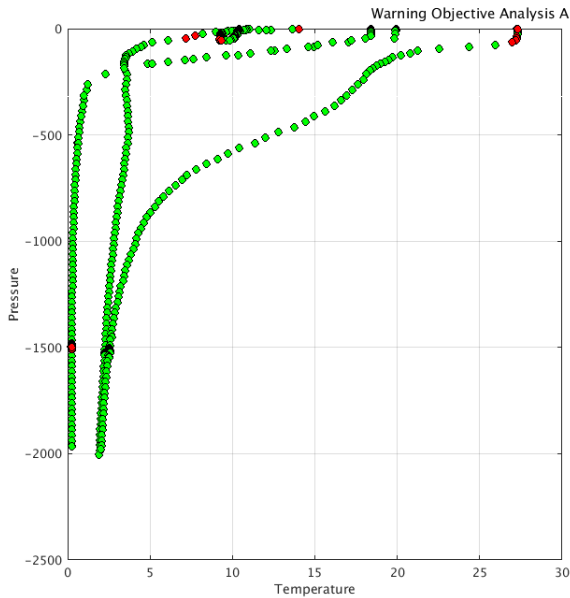
**Status of corrections: No feedback.**

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

Float : 2901797 - Cycle : 259 - PI : KiRyong Kang - Data mode : R - Platform type : ARVOR - WMO inst type : 846 - FLOAT SERIAL : n/a - Date : 2021 4 10  
 Float : 2901797 - Cycle : 261 - PI : KiRyong Kang - Data mode : R - Platform type : ARVOR - WMO inst type : 846 - FLOAT SERIAL : n/a - Date : 2021 4 14

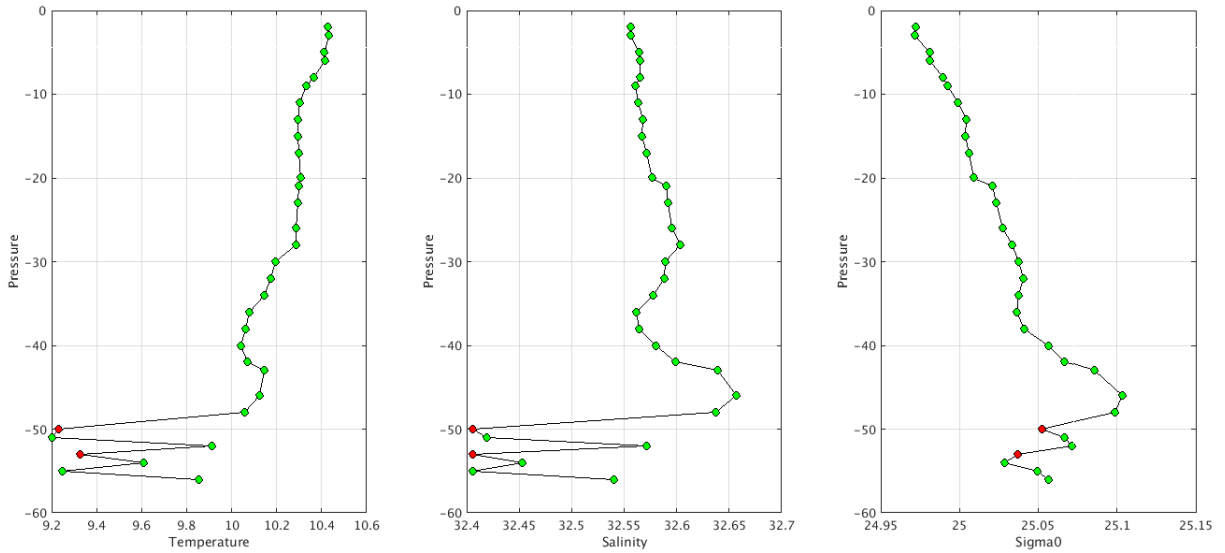
Files data\_mode='D'

Float : 2901730 - Cycle : 109 - PI : Ki-Ryong Kang - Data mode : D - Platform type : ARVOR - WMO inst type : 846 - FLOAT SERIAL : n/a - Date : 2017 7 31  
 Float : 2901758 - Cycle : 107 - PI : Ki-Ryong Kang - Data mode : D - Platform type : ARVOR - WMO inst type : 846 - FLOAT SERIAL : n/a - Date : 2019 11 2  
 Float : 2901758 - Cycle : 108 - PI : Ki-Ryong Kang - Data mode : D - Platform type : ARVOR - WMO inst type : 846 - FLOAT SERIAL : n/a - Date : 2019 11 12  
 Float : 2901760 - Cycle : 46 - PI : Ki-Ryong Kang - Data mode : D - Platform type : ARVOR - WMO inst type : 846 - FLOAT SERIAL : n/a - Date : 2017 11 3



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

Example of anomalies:



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

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

D2900171_002.nc	D2900171_010.nc	D2900171_018.nc	D2900171_028.nc	D2900171_036.nc	D2900171_044.nc	D2900171_052.nc	D2900171_060.nc	D2900171_068.nc
D2900171_003.nc	D2900171_011.nc	D2900171_019.nc	D2900171_029.nc	D2900171_037.nc	D2900171_045.nc	D2900171_053.nc	D2900171_061.nc	D2900171_069.nc
D2900171_004.nc	D2900171_012.nc	D2900171_020.nc	D2900171_030.nc	D2900171_038.nc	D2900171_046.nc	D2900171_054.nc	D2900171_062.nc	D2900171_070.nc
D2900171_005.nc	D2900171_013.nc	D2900171_021.nc	D2900171_031.nc	D2900171_039.nc	D2900171_047.nc	D2900171_055.nc	D2900171_063.nc	D2900171_071.nc
D2900171_006.nc	D2900171_014.nc	D2900171_022.nc	D2900171_032.nc	D2900171_040.nc	D2900171_048.nc	D2900171_056.nc	D2900171_064.nc	<b>D2900171_001.nc</b>
D2900171_007.nc	D2900171_015.nc	D2900171_023.nc	D2900171_033.nc	D2900171_041.nc	D2900171_049.nc	D2900171_057.nc	D2900171_065.nc	<b>D2900171_024.nc</b>
D2900171_008.nc	D2900171_016.nc	D2900171_026.nc	D2900171_034.nc	D2900171_042.nc	D2900171_050.nc	D2900171_058.nc	D2900171_066.nc	<b>D2900171_025.nc</b>
D2900171_009.nc	D2900171_017.nc	D2900171_027.nc	D2900171_035.nc	D2900171_043.nc	D2900171_051.nc	D2900171_059.nc	D2900171_067.nc	

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

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

PSAL =

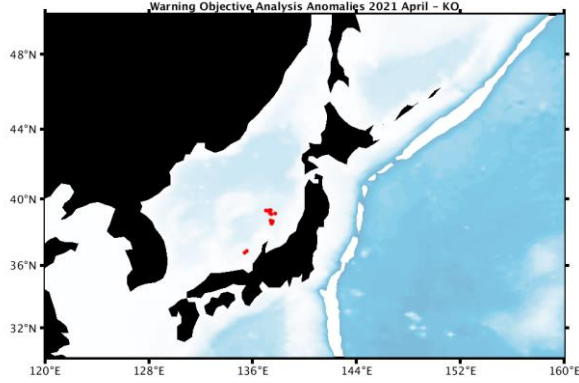
**-1073760.375**, 33.900, 33.876, 33.928, 33.964, 34.015,  
34.028, 34.027, 34.031, 34.033, 34.034, 34.029,

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

4.8. DAC KORDI/KIOST

Profiles detected by the objective analysis: 15 profiles (1 float – float can have several cycles with anomalies)

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

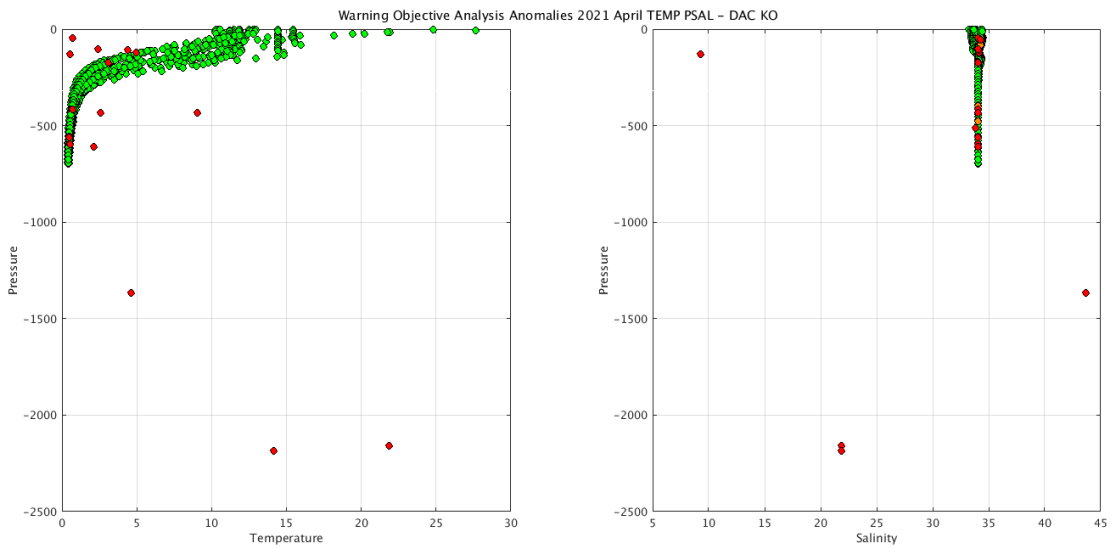


**Status of corrections: No feedback.**

Files data mode='R' /'A'

Files data mode='D'

- Float : 2900448 - Cycle : 71 - PI : Moon-Sik Suk - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 1544 - Date : 2006 8 3
- Float : 2900448 - Cycle : 72 - PI : Moon-Sik Suk - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 1544 - Date : 2006 8 13
- Float : 2900448 - Cycle : 85 - PI : Moon-Sik Suk - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 1544 - Date : 2006 12 21
- Float : 2900448 - Cycle : 86 - PI : Moon-Sik Suk - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 1544 - Date : 2006 12 31
- Float : 2900448 - Cycle : 90 - PI : Moon-Sik Suk - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 1544 - Date : 2007 2 9
- Float : 2900448 - Cycle : 91 - PI : Moon-Sik Suk - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 1544 - Date : 2007 2 19
- Float : 2900448 - Cycle : 92 - PI : Moon-Sik Suk - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 1544 - Date : 2007 3 1
- Float : 2900448 - Cycle : 93 - PI : Moon-Sik Suk - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 1544 - Date : 2007 3 11
- Float : 2900448 - Cycle : 94 - PI : Moon-Sik Suk - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 1544 - Date : 2007 3 21
- Float : 2900448 - Cycle : 95 - PI : Moon-Sik Suk - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 1544 - Date : 2007 3 31
- Float : 2900448 - Cycle : 96 - PI : Moon-Sik Suk - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 1544 - Date : 2007 4 10
- Float : 2900448 - Cycle : 97 - PI : Moon-Sik Suk - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 1544 - Date : 2007 4 20
- Float : 2900448 - Cycle : 98 - PI : Moon-Sik Suk - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 1544 - Date : 2007 4 30
- Float : 2900448 - Cycle : 99 - PI : Moon-Sik Suk - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 1544 - Date : 2007 5 10
- Float : 2900448 - Cycle : 100 - PI : Moon-Sik Suk - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 1544 - Date : 2007 5 20

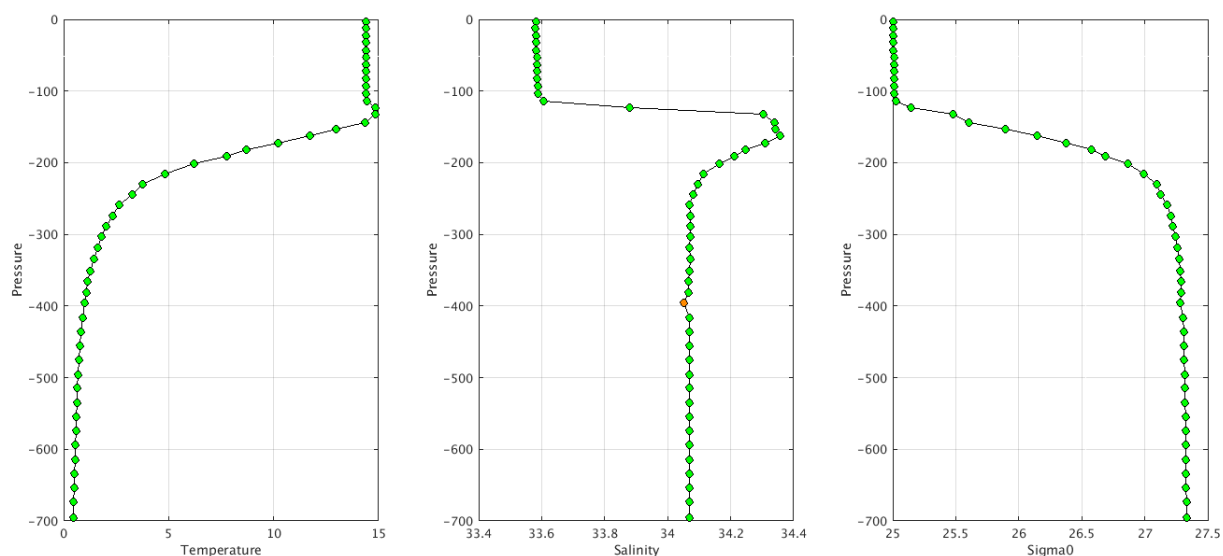




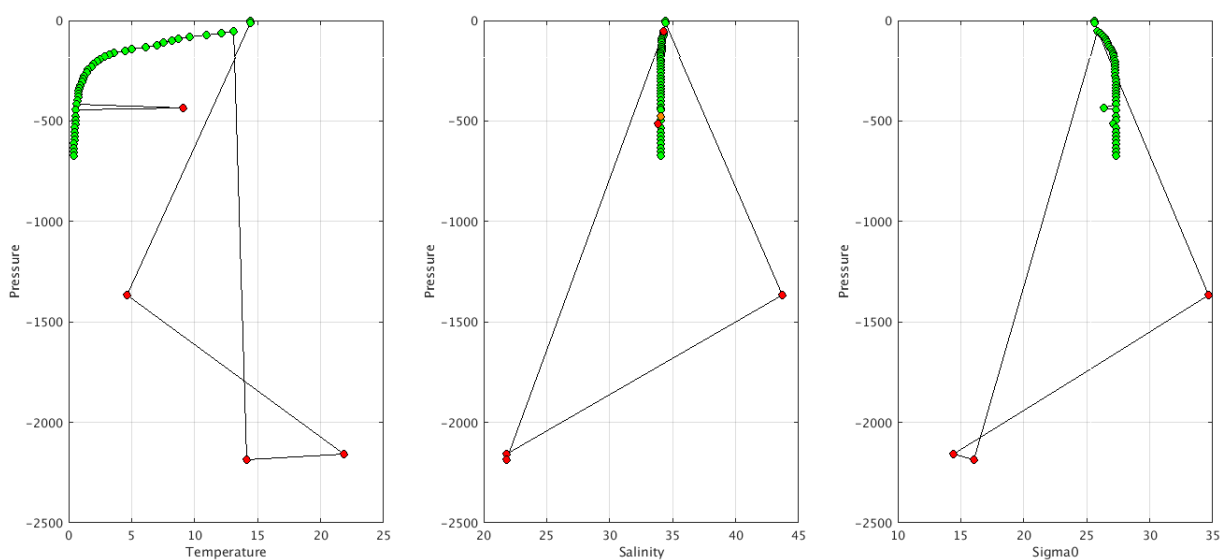
The list of the anomalies can be found at <https://data-argo.ifremer.fr/etc/ObjectiveAnalysisWarning/kordi/>

Example of anomalies:

Warning Objective Analysis Anomalies 2021 April TEMP PSAL : DAC KO- Float 2900448 - 86



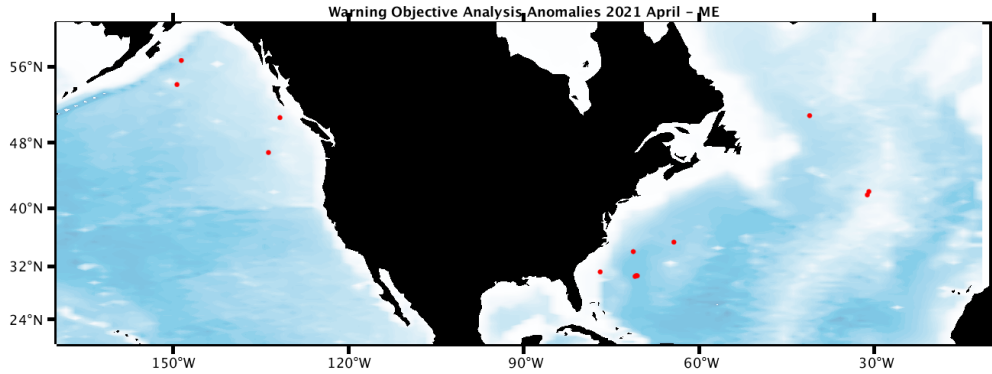
Warning Objective Analysis Anomalies 2021 April TEMP PSAL : DAC KO- Float 2900448 - 100



#### 4.9. DAC MEDS

Profiles detected by the objective analysis: 13 profiles (9 floats, but floats can have several cycles with anomalies)

Data_mode ='R'	Data_mode ='A'	Data_mode ='D'
7 cycles	3 cycles	3 cycles



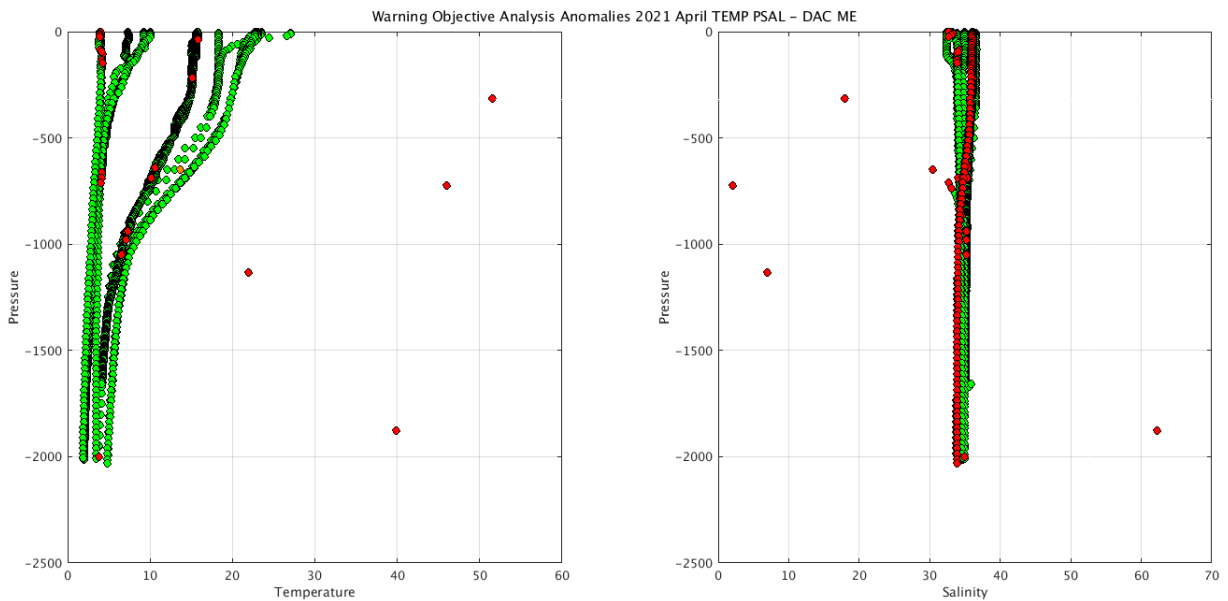
**Status of corrections: In progress.**

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

Float : 4902402 - Cycle : 151 - PI : Blair Greenan - Data mode : A - Platform type : NOVA - WMO inst type : 865 - FLOAT SERIAL : 438 - Date : 2021 4 8  
 Float : 4902410 - Cycle : 225 - PI : Blair Greenan - Data mode : A - Platform type : NOVA - WMO inst type : 865 - FLOAT SERIAL : 446 - Date : 2021 4 16  
 Float : 4902410 - Cycle : 229 - PI : Blair Greenan - Data mode : A - Platform type : NOVA - WMO inst type : 865 - FLOAT SERIAL : 446 - Date : 2021 4 26  
 Float : 4902468 - Cycle : 68 - PI : Blair Greenan - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 260018CA12 - Date : 2021 4 14  
 Float : 4902470 - Cycle : 72 - PI : Blair Greenan - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 260018CA14 - Date : 2021 4 2  
 Float : 4902470 - Cycle : 73 - PI : Blair Greenan - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 260018CA14 - Date : 2021 4 12  
 Float : 4902470 - Cycle : 74 - PI : Blair Greenan - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 260018CA14 - Date : 2021 4 22  
 Float : 4902541 - Cycle : 26 - PI : Blair Greenan - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 260020CA26 - Date : 2021 4 26  
 Float : 4902542 - Cycle : 25 - PI : Blair Greenan - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 260020CA27 - Date : 2021 4 11  
 Float : 4902545 - Cycle : 25 - PI : Blair Greenan - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 260020CA30 - Date : 2021 4 11

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

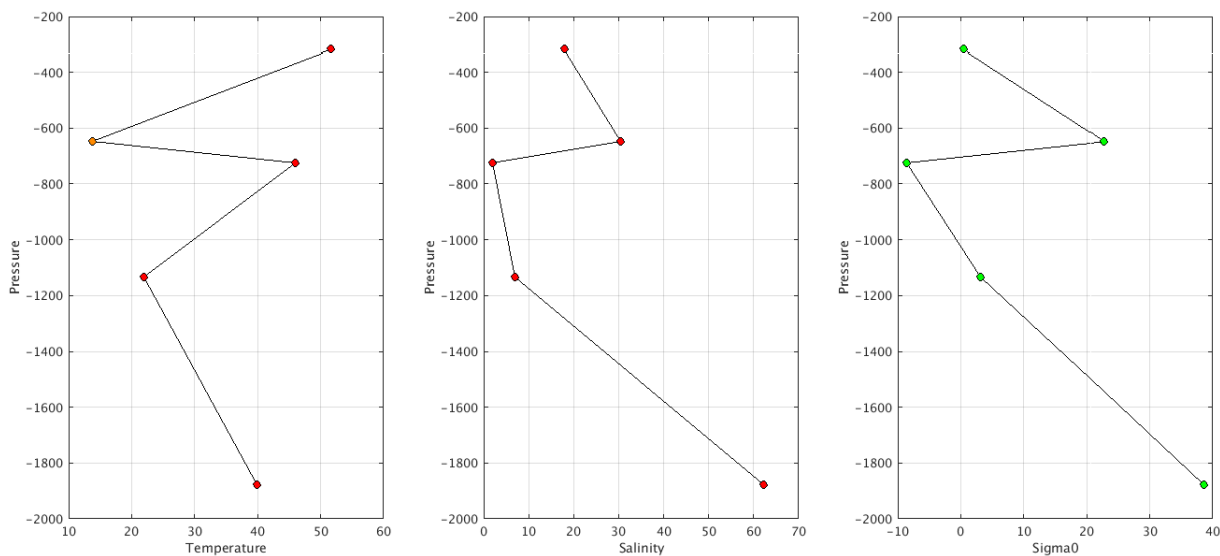
Float : 4900881 - Cycle : 100 - PI : Blair Greenan - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 2690 - Date : 2009 7 7  
 Float : 4901140 - Cycle : 106 - PI : Blair Greenan - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 4835 - Date : 2013 3 19  
 Float : 4901140 - Cycle : 120 - PI : Blair Greenan - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 4835 - Date : 2013 8 6



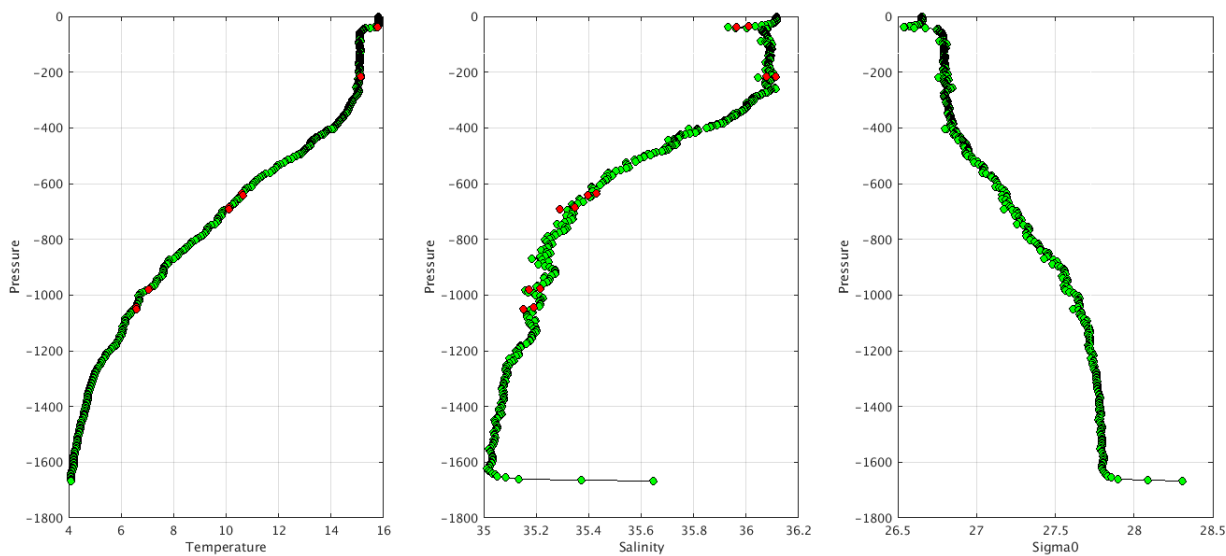
The list of the anomalies can be found at <https://data-argo.ifremer.fr/etc/ObjectiveAnalysisWarning/meds/>

Example of anomalies:

Warning Objective Analysis Anomalies 2021 April TEMP PSAL : DAC ME- Float 4900881 - 100



Warning Objective Analysis Anomalies 2021 April TEMP PSAL : DAC ME- Float 4902410 - 225



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

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

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



## 5. Synthetic profiles

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

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

## 6. 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

## 7. 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

### 7.1. 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 onlmy 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 : 7769

1900167 - Existing NetCDF files

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

3900148 - Existing NetCDF files

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

1900168 - Existing NetCDF files

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

3900160 - Existing NetCDF files

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

1900189 - Existing NetCDF files

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

41534 - Existing NetCDF files

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

1900244 - Existing NetCDF files

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

4900228 - Existing NetCDF files

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

1900245 - Existing NetCDF files

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

4900229 - Existing NetCDF files

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

1900255 - Existing NetCDF files

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

4900230 - Existing NetCDF files

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

1900257 - Existing NetCDF files

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

4900268 - Existing NetCDF files

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

1900748 - Existing NetCDF files

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

4900269 - Existing NetCDF files

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

1900831 - Existing NetCDF files

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

4900270 - Existing NetCDF files

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

1901658 - Existing NetCDF files

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

4900271 - Existing NetCDF files

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

2901106 - Existing NetCDF files

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

4900272 - Existing NetCDF files

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

4900273 - Existing NetCDF files  
File : 4900273\_meta.nc - 4900273\_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 -

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

## 7.2. 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 monopprofile, no trajectory)

**MAINLY TRAJECTORY FILE MISSING**

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

**DAC name : bodc – Number of floats : 793**

1901312 - Existing NetCDF files

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

1901844 - Existing NetCDF files

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

1901845 - Existing NetCDF files

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

1901846 - Existing NetCDF files

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

1901847 - Existing NetCDF files

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

1901848 - Existing NetCDF files

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

1901849 - Existing NetCDF files

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

1901850 - Existing NetCDF files

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

1901851 - Existing NetCDF files

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

1901852 - Existing NetCDF files

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

1901853 - Existing NetCDF files

File : 1901853\_meta.nc - 1901853\_prof.nc - 1901853\_tech.nc -

1901854 - Existing NetCDF files

File : 1901854\_meta.nc - 1901854\_prof.nc - 1901854\_tech.nc -

1901855 - Existing NetCDF files

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

1901856 - Existing NetCDF files

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

1901857 - Existing NetCDF files

File : 1901857\_meta.nc - 1901857\_prof.nc - 1901857\_tech.nc -

1901858 - Existing NetCDF files

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

1901859 - Existing NetCDF files

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

1901860 - Existing NetCDF files

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

1901861 - Existing NetCDF files

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

1901862 - Existing NetCDF files

File : 1901862\_meta.nc - 1901862\_prof.nc - 1901862\_tech.nc -

1901863 - Existing NetCDF files

File : 1901863\_meta.nc - 1901863\_prof.nc - 1901863\_tech.nc -

1901864 - Existing NetCDF files

File : 1901864\_meta.nc - 1901864\_prof.nc - 1901864\_tech.nc -

1901865 - Existing NetCDF files

File : 1901865\_meta.nc - 1901865\_prof.nc - 1901865\_tech.nc -

1901866 - Existing NetCDF files

File : 1901866\_meta.nc - 1901866\_prof.nc - 1901866\_tech.nc -

1901867 - Existing NetCDF files

File : 1901867\_meta.nc - 1901867\_prof.nc - 1901867\_tech.nc -

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

File : 1901871\_meta.nc - 1901871\_prof.nc - 1901871\_tech.nc -

1901872 - Existing NetCDF files

File : 1901872\_meta.nc - 1901872\_prof.nc - 1901872\_tech.nc -

1901873 - Existing NetCDF files

File : 1901873\_meta.nc - 1901873\_prof.nc - 1901873\_tech.nc -

1901875 - Existing NetCDF files

File : 1901875\_meta.nc - 1901875\_prof.nc - 1901875\_tech.nc -

1901876 - Existing NetCDF files

File : 1901876\_meta.nc - 1901876\_prof.nc - 1901876\_tech.nc -

1901877 - Existing NetCDF files

File : 1901877\_meta.nc - 1901877\_prof.nc - 1901877\_tech.nc -

1901878 - Existing NetCDF files

File : 1901878\_meta.nc - 1901878\_prof.nc - 1901878\_tech.nc -

1901879 - Existing NetCDF files

File : 1901879\_meta.nc - 1901879\_prof.nc - 1901879\_tech.nc -

1901880 - Existing NetCDF files

File : 1901880\_meta.nc - 1901880\_prof.nc - 1901880\_tech.nc -

1901881 - Existing NetCDF files

File : 1901881\_meta.nc - 1901881\_prof.nc - 1901881\_tech.nc -

1901882 - Existing NetCDF files

File : 1901882\_meta.nc - 1901882\_prof.nc - 1901882\_tech.nc -

1901883 - Existing NetCDF files

File : 1901883\_meta.nc - 1901883\_prof.nc - 1901883\_tech.nc -

1901884 - Existing NetCDF files

File : 1901884\_meta.nc - 1901884\_prof.nc - 1901884\_tech.nc -



1901885 - Existing NetCDF files  
File : 1901885\_meta.nc - 1901885\_prof.nc - 1901885\_tech.nc -

1901886 - Existing NetCDF files  
File : 1901886\_meta.nc - 1901886\_prof.nc - 1901886\_tech.nc -

1901887 - Existing NetCDF files  
File : 1901887\_meta.nc - 1901887\_prof.nc - 1901887\_tech.nc -

1901888 - Existing NetCDF files  
File : 1901888\_meta.nc - 1901888\_prof.nc - 1901888\_tech.nc -

1901889 - Existing NetCDF files  
File : 1901889\_meta.nc - 1901889\_prof.nc - 1901889\_tech.nc -

1901890 - Existing NetCDF files  
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1901892 - Existing NetCDF files  
File : 1901892\_meta.nc - 1901892\_prof.nc - 1901892\_tech.nc -

1901893 - Existing NetCDF files  
File : 1901893\_meta.nc - 1901893\_prof.nc - 1901893\_tech.nc -

1901894 - Existing NetCDF files  
File : 1901894\_meta.nc - 1901894\_prof.nc - 1901894\_tech.nc -

1901895 - Existing NetCDF files  
File : 1901895\_meta.nc - 1901895\_prof.nc - 1901895\_tech.nc -

1901896 - Existing NetCDF files  
File : 1901896\_meta.nc - 1901896\_prof.nc - 1901896\_tech.nc -

1901897 - Existing NetCDF files  
File : 1901897\_meta.nc - 1901897\_prof.nc - 1901897\_tech.nc -

1901898 - Existing NetCDF files  
File : 1901898\_meta.nc - 1901898\_prof.nc - 1901898\_tech.nc -

1901899 - Existing NetCDF files  
File : 1901899\_meta.nc - 1901899\_prof.nc - 1901899\_tech.nc -

1901900 - Existing NetCDF files  
File : 1901900\_meta.nc - 1901900\_prof.nc - 1901900\_tech.nc -

1901901 - Existing NetCDF files  
File : 1901901\_meta.nc - 1901901\_prof.nc - 1901901\_tech.nc -

1901902 - Existing NetCDF files  
File : 1901902\_meta.nc - 1901902\_prof.nc - 1901902\_tech.nc -

1901903 - Existing NetCDF files  
File : 1901903\_meta.nc - 1901903\_prof.nc - 1901903\_tech.nc -

1901904 - Existing NetCDF files  
File : 1901904\_meta.nc - 1901904\_prof.nc - 1901904\_tech.nc -

1901906 - Existing NetCDF files  
File : 1901906\_meta.nc - 1901906\_prof.nc - 1901906\_tech.nc -

1901907 - Existing NetCDF files  
File : 1901907\_meta.nc - 1901907\_prof.nc - 1901907\_tech.nc -

1901909 - Existing NetCDF files  
File : 1901909\_meta.nc - 1901909\_prof.nc - 1901909\_tech.nc -

1901910 - Existing NetCDF files  
File : 1901910\_meta.nc - 1901910\_prof.nc - 1901910\_tech.nc -

1901911 - Existing NetCDF files  
File : 1901911\_meta.nc - 1901911\_prof.nc - 1901911\_tech.nc -

1901912 - Existing NetCDF files  
File : 1901912\_meta.nc - 1901912\_prof.nc - 1901912\_tech.nc -

1901914 - Existing NetCDF files  
File : 1901914\_meta.nc - 1901914\_prof.nc - 1901914\_tech.nc -

1901915 - Existing NetCDF files  
File : 1901915\_meta.nc - 1901915\_prof.nc - 1901915\_tech.nc -

1901916 - Existing NetCDF files  
File : 1901916\_meta.nc - 1901916\_prof.nc - 1901916\_tech.nc -

1901917 - Existing NetCDF files  
File : 1901917\_meta.nc - 1901917\_prof.nc - 1901917\_tech.nc -

1901920 - Existing NetCDF files  
File : 1901920\_meta.nc - 1901920\_prof.nc - 1901920\_tech.nc -

1901921 - Existing NetCDF files  
File : 1901921\_meta.nc - 1901921\_prof.nc - 1901921\_tech.nc -

1901922 - Existing NetCDF files  
File : 1901922\_meta.nc - 1901922\_prof.nc - 1901922\_tech.nc -

1901923 - Existing NetCDF files  
File : 1901923\_meta.nc - 1901923\_prof.nc - 1901923\_tech.nc -

1901924 - Existing NetCDF files  
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1901933 - Existing NetCDF files  
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1902080 - Existing NetCDF files  
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2901891 - Existing NetCDF files  
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2901895 - Existing NetCDF files  
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3900538 - Existing NetCDF files  
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3900559 - Existing NetCDF files  
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3900560 - Existing NetCDF files  
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3901488 - Existing NetCDF files  
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3901489 - Existing NetCDF files  
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3901491 - Existing NetCDF files  
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3901493 - Existing NetCDF files  
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3901499 - Existing NetCDF files  
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3901500 - Existing NetCDF files  
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3901501 - Existing NetCDF files  
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3901502 - Existing NetCDF files  
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3901503 - Existing NetCDF files  
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3901504 - Existing NetCDF files  
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3901505 - Existing NetCDF files  
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3902399 - Existing NetCDF files  
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3902400 - Existing NetCDF files  
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3902402 - Existing NetCDF files  
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3902403 - Existing NetCDF files  
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49065 - Existing NetCDF files  
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6901211 - Existing NetCDF files  
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6901213 - Existing NetCDF files  
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6901214 - Existing NetCDF files  
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6901215 - Existing NetCDF files  
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6901919 - Existing NetCDF files  
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6901920 - Existing NetCDF files  
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6901921 - Existing NetCDF files  
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6901922 - Existing NetCDF files  
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6901923 - Existing NetCDF files  
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6901924 - Existing NetCDF files  
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6901925 - Existing NetCDF files  
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6901926 - Existing NetCDF files  
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6901927 - Existing NetCDF files  
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6901928 - Existing NetCDF files  
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6903715 - Existing NetCDF files  
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6903716 - Existing NetCDF files  
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6903717 - Existing NetCDF files  
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6903718 - Existing NetCDF files  
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6903719 - Existing NetCDF files  
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6903720 - Existing NetCDF files  
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6903721 - Existing NetCDF files  
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6903723 - Existing NetCDF files  
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6903724 - Existing NetCDF files  
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6903751 - Existing NetCDF files  
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6903752 - Existing NetCDF files  
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6903753 - Existing NetCDF files  
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6903754 - Existing NetCDF files  
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6903755 - Existing NetCDF files  
File : 6903755\_meta.nc - 6903755\_prof.nc - 6903755\_tech.nc

### 7.3. 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 : 3175**

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 -

6901870 - Existing NetCDF files

File : 6901870\_Rtraj.nc - 6901870\_meta.nc -

6901871 - Existing NetCDF files

File : 6901871\_Rtraj.nc - 6901871\_meta.nc -

6902583 - Existing NetCDF files

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

7900349 - Existing NetCDF files

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

## 7.4. 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 : 471**

## 7.5. 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 : 994**

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

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1901747 - Existing NetCDF files

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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

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5904925 - Existing NetCDF files

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5905205 - Existing NetCDF files

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5905389 - Existing NetCDF files

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5905390 - Existing NetCDF files

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5905393 - Existing NetCDF files

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5905394 - Existing NetCDF files

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5905410 - Existing NetCDF files

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5905411 - Existing NetCDF files

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5905412 - Existing NetCDF files

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5905413 - Existing NetCDF files

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5905419 - Existing NetCDF files

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5905420 - Existing NetCDF files

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5905421 - Existing NetCDF files

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5905430 - Existing NetCDF files

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5905431 - Existing NetCDF files

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5905432 - Existing NetCDF files

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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.nc7900913\_prof.nc7900913\_tech.nc

7900919 - Existing NetCDF files  
File : 7900919\_meta.nc7900919\_prof.nc7900919\_tech.nc

## 7.6. 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 : 492

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 -

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

## 7.7. JMA

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

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

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

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

**-Others : 8 floats**

**need further investigation**

**For some floats :**

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

- traj.nc - is missing

See below the list of floats with existing nc files :

**DAC name : jma – Number of floats : 1821**

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

2900961 - Existing NetCDF files

File : 2900961\_meta.nc - 2900961\_prof.nc - 2900961\_tech.nc -

2900962 - Existing NetCDF files

File : 2900962\_meta.nc - 2900962\_prof.nc - 2900962\_tech.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\_meta.nc - 2902529\_prof.nc -

2902530 - Existing NetCDF files

File : 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\_meta.nc - 2903006\_prof.nc -

2903007 - Existing NetCDF files

File : 2903007\_meta.nc - 2903007\_prof.nc -

2903008 - Existing NetCDF files

File : 2903008\_meta.nc - 2903008\_prof.nc -

2903009 - Existing NetCDF files

File : 2903009\_meta.nc - 2903009\_prof.nc -

2903010 - Existing NetCDF files

File : 2903010\_meta.nc - 2903010\_prof.nc -

2903011 - Existing NetCDF files

File : 2903011\_meta.nc - 2903011\_prof.nc -

2903012 - Existing NetCDF files

File : 2903012\_meta.nc - 2903012\_prof.nc -

2903013 - Existing NetCDF files

File : 2903013\_meta.nc - 2903013\_prof.nc -

2903014 - Existing NetCDF files

File : 2903014\_meta.nc - 2903014\_prof.nc -

2903165 - Existing NetCDF files

File : 2903165\_meta.nc - 2903165\_prof.nc -

2903166 - Existing NetCDF files

File : 2903166\_meta.nc - 2903166\_prof.nc -

2903167 - Existing NetCDF files

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2903168 - Existing NetCDF files

File : 2903168\_meta.nc - 2903168\_prof.nc -

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

File : 2903172\_meta.nc - 2903172\_prof.nc -  
2903173 - Existing NetCDF files  
File : 2903173\_meta.nc - 2903173\_prof.nc -  
2903174 - Existing NetCDF files  
File : 2903174\_meta.nc - 2903174\_prof.nc -  
2903175 - Existing NetCDF files  
File : 2903175\_meta.nc - 2903175\_prof.nc -  
2903176 - Existing NetCDF files  
File : 2903176\_meta.nc - 2903176\_prof.nc -  
2903209 - Existing NetCDF files  
File : 2903209\_Sprof.nc - 2903209\_meta.nc - 2903209\_prof.nc -  
2903210 - Existing NetCDF files  
File : 2903210\_Sprof.nc - 2903210\_meta.nc - 2903210\_prof.nc -  
2903211 - Existing NetCDF files  
File : 2903211\_meta.nc - 2903211\_prof.nc  
2903212 - Existing NetCDF files  
File : 2903212\_Sprof.nc - 2903212\_meta.nc - 2903212\_prof.nc -  
2903213 - Existing NetCDF files  
File : 2903213\_meta.nc - 2903213\_prof.nc -  
2903327 - Existing NetCDF files  
File : 2903327\_meta.nc - 2903327\_prof.nc -  
2903329 - Existing NetCDF files  
File : 2903329\_meta.nc - 2903329\_prof.nc -  
2903330 - Existing NetCDF files  
File : 2903330\_meta.nc - 2903330\_prof.nc -  
2903346 - Existing NetCDF files  
File : 2903346\_meta.nc - 2903346\_prof.nc -  
2903347 - Existing NetCDF files  
File : 2903347\_meta.nc - 2903347\_prof.nc -  
2903350 - Existing NetCDF files  
File : 2903350\_meta.nc - 2903350\_prof.nc -  
2903351 - Existing NetCDF files  
File : 2903351\_meta.nc - 2903351\_prof.nc -  
2903352 - Existing NetCDF files  
File : 2903352\_meta.nc - 2903352\_prof.nc  
2903353 - Existing NetCDF files  
File : 2903353\_Sprof.nc - 2903353\_meta.nc - 2903353\_prof.nc  
2903354 - Existing NetCDF files  
File : 2903354\_Sprof.nc - 2903354\_meta.nc - 2903354\_prof.nc  
2903356 - Existing NetCDF files  
File : 2903356\_meta.nc - 2903356\_prof.nc -  
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  
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2903363 - Existing NetCDF files  
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2903364 - Existing NetCDF files  
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2903365 - Existing NetCDF files  
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2903366 - Existing NetCDF files  
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2903367 - Existing NetCDF files  
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2903368 - Existing NetCDF files  
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2903369 - Existing NetCDF files  
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2903370 - Existing NetCDF files  
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2903371 - Existing NetCDF files  
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2903372 - Existing NetCDF files  
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2903373 - Existing NetCDF files  
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2903374 - Existing NetCDF files  
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2903375 - Existing NetCDF files  
File : 2903375\_meta.nc - 2903375\_prof.nc -  
2903376 - Existing NetCDF files  
File : 2903376\_meta.nc - 2903376\_prof.nc -  
2903377 - Existing NetCDF files  
File : 2903377\_meta.nc - 2903377\_prof.nc -  
2903378 - Existing NetCDF files  
File : 2903378\_meta.nc - 2903378\_prof.nc -  
2903379 - Existing NetCDF files  
File : 2903379\_meta.nc - 2903379\_prof.nc -  
2903380 - Existing NetCDF files  
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2903381 - Existing NetCDF files  
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2903382 - Existing NetCDF files  
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2903383 - Existing NetCDF files  
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2903384 - Existing NetCDF files  
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2903385 - Existing NetCDF files  
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2903386 - Existing NetCDF files  
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2903387 - Existing NetCDF files  
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2903388 - Existing NetCDF files  
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2903389 - Existing NetCDF files  
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2903390 - Existing NetCDF files  
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2903391 - Existing NetCDF files  
File : 2903391\_meta.nc - 2903391\_prof.nc -

2903394 - Existing NetCDF files  
File : 2903394\_Sprof.nc - 2903394\_meta.nc - 2903394\_prof.nc -

2903395 - Existing NetCDF files  
File : 2903395\_Sprof.nc - 2903395\_meta.nc - 2903395\_prof.nc -

2903397 - Existing NetCDF files  
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2903398 - Existing NetCDF files  
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2903399 - Existing NetCDF files  
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2903400 - Existing NetCDF files  
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2903401 - Existing NetCDF files  
File : 2903401\_meta.nc - 2903401\_prof.nc -

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

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

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

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

2903606 - Existing NetCDF files

File : 2903606\_meta.nc - 2903606\_prof.nc -

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

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

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

2903610 - Existing NetCDF files  
File : 2903610\_meta.nc - 2903610\_prof.nc -

2903611 - Existing NetCDF files  
File : 2903611\_meta.nc - 2903611\_prof.nc -

2903612 - Existing NetCDF files  
File : 2903612\_meta.nc - 2903612\_prof.nc -

2903616 - Existing NetCDF files  
File : 2903616\_meta.nc - 2903616\_prof.nc -

2903617 - Existing NetCDF files  
File : 2903617\_meta.nc - 2903617\_prof.nc

2903630 - Existing NetCDF files  
File : 2903630\_meta.nc - 2903630\_prof.nc -

2903631 - Existing NetCDF files  
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2903632 - Existing NetCDF files  
File : 2903632\_meta.nc - 2903632\_prof.nc

2903649 - Existing NetCDF files  
File : 2903649\_meta.nc - 2903649\_prof.n

3902388 - Existing NetCDF files  
File : 3902388\_meta.nc - 3902388\_prof.nc -

3902389 - Existing NetCDF files  
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3902390 - Existing NetCDF files  
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3902392 - Existing NetCDF files  
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3902393 - Existing NetCDF files  
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3902394 - Existing NetCDF files  
File : 3902394\_meta.nc - 3902394\_prof.nc -

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

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

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

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

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

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  
File : 4902986\_meta.nc - 4902986\_prof.nc -

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

5905233 - Existing NetCDF files  
File : 5905233\_meta.nc - 5905233\_prof.nc -

5905834 - Existing NetCDF files  
File : 5905834\_meta.nc - 5905834\_prof.nc -

5905835 - Existing NetCDF files  
File : 5905835\_meta.nc - 5905835\_prof.nc -

5905836 - Existing NetCDF files  
File : 5905836\_meta.nc - 5905836\_prof.nc -

5905837 - Existing NetCDF files  
File : 5905837\_meta.nc - 5905837\_prof.nc -

5905838 - Existing NetCDF files  
File : 5905838\_meta.nc - 5905838\_prof.nc -

5905839 - Existing NetCDF files  
File : 5905839\_meta.nc - 5905839\_prof.nc -

5905840 - Existing NetCDF files  
File : 5905840\_meta.nc - 5905840\_prof.nc -

5905841 - Existing NetCDF files  
File : 5905841\_meta.nc - 5905841\_prof.nc -

5905842 - Existing NetCDF files  
File : 5905842\_meta.nc - 5905842\_prof.nc -

5905843 - Existing NetCDF files  
File : 5905843\_meta.nc - 5905843\_prof.nc -

5905844 - Existing NetCDF files  
File : 5905844\_meta.nc - 5905844\_prof.nc -

5905845 - Existing NetCDF files  
File : 5905845\_meta.nc - 5905845\_prof.nc -

5905846 - Existing NetCDF files  
File : 5905846\_meta.nc - 5905846\_prof.nc -

5905848 - Existing NetCDF files  
File : 5905848\_meta.nc - 5905848\_prof.nc -

5905849 - Existing NetCDF files  
File : 5905849\_meta.nc - 5905849\_prof.nc -

5905851 - Existing NetCDF files  
File : 5905851\_meta.nc - 5905851\_prof.nc -

5905852 - Existing NetCDF files  
File : 5905852\_meta.nc - 5905852\_prof.nc -

5905853 - Existing NetCDF files  
File : 5905853\_meta.nc - 5905853\_prof.nc -

5905854 - Existing NetCDF files

File : 5905854\_meta.nc - 5905854\_prof.nc -

5905855 - Existing NetCDF files

File : 5905855\_meta.nc - 5905855\_prof.nc -

5905856 - Existing NetCDF files

File : 5905856\_meta.nc - 5905856\_prof.nc -

5905857 - Existing NetCDF files

File : 5905857\_meta.nc - 5905857\_prof.nc -

5905860 - Existing NetCDF files

File : 5905860\_meta.nc - 5905860\_prof.nc -

5905861 - Existing NetCDF files

File : 5905861\_meta.nc - 5905861\_prof.nc -

5905862 - Existing NetCDF files

File : 5905862\_meta.nc - 5905862\_prof.nc -

5905863 - Existing NetCDF files

File : 5905863\_meta.nc - 5905863\_prof.nc -

5905864 - Existing NetCDF files

File : 5905864\_meta.nc - 5905864\_prof.nc -

5905865 - Existing NetCDF files

File : 5905865\_meta.nc - 5905865\_prof.nc -

5905866 - Existing NetCDF files

File : 5905866\_meta.nc - 5905866\_prof.nc -

5905867 - Existing NetCDF files

File : 5905867\_meta.nc - 5905867\_prof.nc -

5905875 - Existing NetCDF files

File : 5905875\_meta.nc - 5905875\_prof.nc -

5905876 - Existing NetCDF files

File : 5905876\_meta.nc - 5905876\_prof.nc -

5905877 - Existing NetCDF files

File : 5905877\_meta.nc - 5905877\_prof.nc -

5905878 - Existing NetCDF files

File : 5905878\_meta.nc - 5905878\_prof.nc -

5905879 - Existing NetCDF files

File : 5905879\_meta.nc - 5905879\_prof.nc -

5905881 - Existing NetCDF files

File : 5905881\_meta.nc - 5905881\_prof.nc -

5905882 - Existing NetCDF files

File : 5905882\_meta.nc - 5905882\_prof.nc -

5906389 - Existing NetCDF files

File : 5906389\_meta.nc - 5906389\_prof.nc -

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

File : 7900600\_meta.nc - 7900600\_prof.nc -

7900601 - Existing NetCDF files

File : 7900601\_meta.nc - 7900601\_prof.nc -

7900652 - Existing NetCDF files

File : 7900652\_meta.nc - 7900652\_prof.nc -

7900653 - Existing NetCDF files

File : 7900653\_meta.nc - 7900653\_prof.nc -

7900654 - Existing NetCDF files

File : 7900654\_meta.nc - 7900654\_prof.nc -

7900655 - Existing NetCDF files

File : 7900655\_meta.nc - 7900655\_prof.nc -

7900657 - Existing NetCDF files

File : 7900657\_meta.nc - 7900657\_prof.nc -

7900658 - Existing NetCDF files

File : 7900658\_meta.nc - 7900658\_prof.nc -

7900660 - Existing NetCDF files

File : 7900660\_meta.nc - 7900660\_prof.nc -

7900691 - Existing NetCDF files

File : 7900691\_meta.nc - 7900691\_prof.nc -

7900863 - Existing NetCDF files

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

7900864 - Existing NetCDF files

File : 7900864\_meta.nc - 7900864\_prof.nc -

7900866 - Existing NetCDF files

File : 7900866\_meta.nc - 7900866\_prof.nc -

7900868 - Existing NetCDF files

File : 7900868\_meta.nc - 7900868\_prof.nc -

7900872 - Existing NetCDF files

File : 7900872\_meta.nc - 7900872\_prof.nc -

7900873 - Existing NetCDF files

File : 7900873\_meta.nc - 7900873\_prof.nc -

7900881 - Existing NetCDF files

File : 7900881\_Mprof.nc - 7900881\_meta.nc - 7900881\_prof.nc -

## 7.8. 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 : 253**

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

## 7.9. KORDI/KIOST

For some floats :

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

See below the list of floats with existing nc files :

**DAC name : kiost – Number of floats : 109**

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 -

## 7.10. MEDS

For some floats :

- traj file missing

See below the list of floats with existing nc files :

**DAC name : meds – Number of floats : 590**

4902533 - Existing NetCDF files

File : 4902533\_meta.nc - 4902533\_prof.nc - 4902533\_tech.nc

## 7.11. NMDIS

For some floats :

- 

See below the list of floats with existing nc files :

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