



## GDAC Float Anomalies Monitoring

March 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	Description	SENSOR_MODEL	SERIAL_NU	Failure_Type for Coriolis DB (1: drift, 2-bias, 3-wrecked, 5-pressure, 6-adjustment)	Comment
<b>NEW</b>											
AOML	1902043	DEAN ROEMMICH	2021/02/17	78	2021/03/29	82	Argo SIO	SBE41CP_V7.2.5	10850	1	Drift
AOML	1902224	BRECK OWENS, STEVEN JAYNE, P.E. ROBBINS	2021/03/03	73	2021/03/23	75	Argo WHOI	SBE41CP	11026	1	Drift? Saltier than surrounding profiles
AOML	3901247	DEAN ROEMMICH	2021/02/27	170	2021/03/28	173	Argo SIO	SBE41CP_V7.2.5	8670	1	Drift
AOML	3902144	BRECK OWENS, STEVEN JAYNE, P.E. ROBBINS	2021/02/26	72	2021/03/08	73	Argo WHOI	SBE41CP	11032	1	Large drift
AOML	4902892	GREGORY C. JOHNSON	2021/03/29	160	2021/03/29	160	Argo PMEL	SBE41CP	08006	1	Drift is beginning
AOML	4902900	GREGORY C. JOHNSON	2021/03/16	156	2021/03/26	157	Argo PMEL	SBE41CP	08638	1	Slight drift
AOML	4902908	GREGORY C. JOHNSON	2021/03/06	154	2021/03/26	156	Argo PMEL	SBE41CP	08775	1	Drift
AOML	4903206	GREGORY C. JOHNSON	2021/03/17	70	2021/03/27	71	Argo PMEL	SBE41CP	11150	1	Large drift with a jump
AOML	4903231	WUFFELS, JAYNE, ROBBINS	2021/03/14	41	2021/03/24	42	Argo WHOI	SBE41CP	11093	1	Drift
AOML	4903262	WUFFELS, JAYNE, ROBBINS	2021/03/11	41	2021/03/21	42	Argo WHOI	SBE41CP	11031	1	Large Drift
AOML	5904421	STEPHEN RISER	2021/03/25	228	2021/03/25	228	Argo UW	SBE41	5961	3	One bad profile, last one
AOML	5905116	STEPHEN RISER	2021/03/02	129	2021/03/22	131	Argo UW	SBE41CP	8476	1	Large drift with a jump
AOML	5905246	DEAN ROEMMICH	2021/03/19	128	2021/03/29	129	Argo SIO	SBE41CP_V7.2.5	8584	1	Drift is beginning
AOML	5905674	GREGORY C. JOHNSON	2021/02/18	94	2021/03/30	98	Argo PMEL	SBE41CP	09994	1	Slight drift is starting
AOML	5905733	GREGORY C. JOHNSON	2021/02/18	100	2021/03/30	104	Argo PMEL	SBE41CP	09989	1	Slight drift is starting
CORLIOLIS	3901841	Birgit Klein	2020/12/08	160	2021/03/28	171	ARGO MOCCA	SBE41CP_V7.2.5	8054	1	only by minmax for last cycles
CORLIOLIS	3901928	Sabrina Speich	2021/03/17	157	2021/03/27	158	ARGO MOCCA	SBE41CP_V7.2.5	8494	1	Slight drift
CORLIOLIS	3901999	Tamaryn Morris	2021/02/25	1	2021/03/29	4	Euro-Argo ERIC	SBE41CP	12174	2	Bias from beginning
CORLIOLIS	6903091	Xavier CAPET	2021/03/06	1	2021/03/09	5	GMCC CNES	SBE41CP	9902	3	Only profile Descending are bad - Profiles Ascending are ok
CORLIOLIS	6903557	Kjell Arne Mork	2021/03/12	67	2021/03/22	68	Argo NORWAY	SBE41CP	10986	1	Drift on deep argo
CORLIOLIS	7900569	Birgit KLEIN -> Grey List	2021/02/17	24	2021/03/29	28	Argo BSH	SBE41CP	41-12680	1	Large drift
CSIRO	2901849	Susan Wijffels	2021/03/11	344	2021/03/21	345	Argo Australia	SBE41_V3	4280	1	Drift
CSIRO	7900625	Steve Rintoul	2021/03/26	113	2021/03/26	113	Argo AUSTRALIA	SBE41CP_V7.2.5	9341	1	Drift or jump ? First cycle with anomalie
INCOIS	2902235	M Ravichandran	2021/03/19	367	2021/03/29	369	Argo INDIA	SBE41CP	9528	1	Drift
INCOIS	2902291	M Ravichandran	2021/03/05	0	2021/03/10	1	Argo INDIA	SBE41CP	11235	1	Bias or drift ? First cycle
JMA	7900864	JAMSTEC	2021/03/14	86			Argo eq. JAMSTEC	SBE61	5645	3	Bad profile
<b>PREVIOUS REPORTS [in last 5 months]</b>											
AOML	1901805	GREGORY C. JOHNSON	2020/07/28	135	2021/01/24	153	Argo PMEL	SBE41CP	8181	1	Adjustment on PSAL_ADJUSTED is going to introduced a bias
AOML	1901817	BRECK OWENS, STEVEN JAYNE, P.E. ROBBINS			2021/01/01	170	Argo WHOI	SBE41CP	7212	1	Below 500 dbar, strange drift
AOML	1902198	GREGORY C. JOHNSON	2020/02/20	61	2021/03/26	101	Argo PMEL	SBE41CP	9911	1	cycle 53 is 0.05 psu saltier than surrounding profiles.
AOML	1902222	BRECK OWENS, STEVEN JAYNE, P.E. ROBBINS	2021/02/01	70	2021/03/12	74	Argo WHOI	SBE41CP	10904	1	
AOML	1902269	GREGORY C. JOHNSON	2021/03/02	54	2021/03/22	71	Argo PMEL	SBE41CP	10756	1	
AOML	2902397	BRECK OWENS, STEVEN JAYNE, P.E. ROBBINS	2020/05/16	167	2020/12/15	189	Argo WHOI	SBE41CP	7335	1	Gap around 3 psu
AOML	3901114	BRECK OWENS, STEVEN JAYNE, P.E. ROBBINS	2020/10/06	191	2021/02/09	204	Argo WHOI	SBE41CP	6466	1	Drift
AOML	3901187	GREGORY C. JOHNSON	2014/11/22	25	2021/03/30	257	Argo PMEL	SBE41CP	5507	1 or 2	emit once more since the 2019/01/10 in the middle of the pacific but data are inside alert boundaries, adjusted data are fresher than
AOML	3901199	GREGORY C. JOHNSON	2020/02/25	172	2021/03/31	212	Argo PMEL	SBE41CP	6308	6	QC2 automatically set. cycle 142 is 0.03 PSU saltier than surrounding profiles
AOML	3901222	BRECK OWENS, STEVEN JAYNE, P.E. ROBBINS	2020/03/16	170	2021/03/28	208	Argo WHOI	SBE41CP	6509	1	QC2 automatically set. cycle 139 is 0.07 PSU saltier than surrounding profiles
AOML	3901227	BRECK OWENS, STEVEN JAYNE, P.E. ROBBINS	2018/04/30	100	2021/02/08	203	Argo WHOI	SBE41CP	6486	1	Small drift
AOML	3901257	GREGORY C. JOHNSON	2020/07/07	136	2021/03/24	162	Argo PMEL	SBE41CP	8338	1	surrounding profiles
AOML	3901259	GREGORY C. JOHNSON	2018/09/27	67	2021/03/25	158	Argo PMEL	SBE41CP	8462	1	
AOML	3901266	CARL SZCZECZOWSKI	2020/08/23	326	2021/03/27	369	Argo NAVOCEANO	SBE41CP_V3.0c	7131	1	
AOML	3901282	GREGORY C. JOHNSON	2017/09/05	32	2021/03/28	162	Argo PMEL	SBE41CP	8531	4	salty jump at cycle 86. salinity data are wrecked
AOML	3901283	GREGORY C. JOHNSON	2020/03/11	114	2021/03/26	152	Argo PMEL	SBE41CP	8563	1	Slight drift from cycle 114
AOML	3901289	GREGORY C. JOHNSON	2020/02/23	117	2021/03/29	157	Argo PMEL	SBE41CP	8651	1	cycle 99 is 0.2 PSU saltier than surrounding profiles
AOML	3901291	GREGORY C. JOHNSON	2020/07/06	129	2021/03/23	155	Argo PMEL	SBE41CP	8634	1	
AOML	3901299	GREGORY C. JOHNSON	2020/02/23	52	2021/03/29	92	Argo PMEL	SBE41CP	9957	2	cycle 45 is affected by a 0.02 salty jump. Wait for more cycles
AOML	3901306	GREGORY C. JOHNSON	2020/12/24	55	2021/03/24	64	Argo PMEL	SBE41CP	4600		
AOML	3901307	GREGORY C. JOHNSON	2021/01/30	60	2021/03/31	66	Argo PMEL	SBE41CP	11064		
AOML	3901808	BRECK OWENS, STEVEN JAYNE, P.E. ROBBINS	2020/05/28	226	2021/02/11	278	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&
AOML	3901809	BRECK OWENS, STEVEN JAYNE, P.E. ROBBINS	2020/10/25	271	2020/12/14	281	Argo WHOI	SBE41CP	8451	1	Slight jump and drift
AOML	3901813	BRECK OWENS, STEVEN JAYNE, P.E. ROBBINS	2021/01/25	266	2021/01/25	266	Argo WHOI	SBE41CP	8391		
AOML	3902145	BRECK OWENS, STEVEN JAYNE, P.E. ROBBINS	2020/02/05	33	2020/12/28	66	Argo WHOI	SBE41CP	11024	4	It has become suddenly noisy from cycle 28 on. Still noisy cycle 31. (dirt or failure. ) Cycles 36 and 37 doubtful but it seems come back to something
AOML	3902149	GREGORY C. JOHNSON	2020/11/10	46	2021/01/26	54	Argo PMEL	SBE	5711	1	Drift
AOML	3902154	GREGORY C. JOHNSON	2020/09/08	38	2021/03/12	57	Argo PMEL	SBE	5719	3	Bad profiles
AOML	3902162	BRECK OWENS, STEVEN JAYNE, P.E. ROBBINS	2020/10/22	59	2020/12/11	64	Argo WHOI	SBE41CP	11027	1	Drift
AOML	4901441	GREGORY C. JOHNSON	2020/07/28	303	2020/11/22	314	Argo PMEL	SBE41	5637	1	
AOML	4901591	BRECK OWENS, STEVE JAYNE, P.E. ROBBINS	2017/10/26	153	2020/12/14	271	Argo WHOI	SBE41CP	4890	3	dbar. But recent cycles have not been below 1000 dbar and thus is it
AOML	4902087	GREGORY C. JOHNSON	2019/08/25	150	2021/01/26	202	Argo PMEL	SBE41CP	7176		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.
AOML	4902088	GREGORY C. JOHNSON	2021/02/25	205	2021/02/25	205	Argo PMEL	SBE41CP	7178	3	One strange profile
AOML	4902101	BRECK OWENS, STEVEN JAYNE, P.E. ROBBINS	2021/01/21	152	2021/01/21	152	Argo WHOI	SBE41CP	6478		
AOML	4902102	BRECK OWENS, STEVEN JAYNE, P.E. ROBBINS	2020/02/17	3174	2021/03/22	3214	Argo WHOI	SBE41CP	6488	2	cycle 3168 is affected by a 0.2 psu salty jump. Wait for more cycles
AOML	4902103	BRECK OWENS, STEVEN JAYNE, P.E. ROBBINS	2019/03/15	6196	2021/05/21	6276	Argo WHOI	SBE41CP	6498		
AOML	4902307	GREGORY C. JOHNSON	2020/06/19	145	2021/03/26	156	Argo PMEL	SBE41CP	7682	1	
AOML	4902312	GREGORY C. JOHNSON	2019/10/13	126	2021/01/25	173	Argo PMEL	SBE41CP	7557	1	cycle 121 (2019/08/24) is 0.1 PSU saltier than surrounding profiles
AOML	4902893	GREGORY C. JOHNSON	2019/10/12	107	2021/03/25	160	Argo PMEL	SBE41CP	8007	1 unsure	surrounding platforms but there are other similar measurements from
AOML	4902895	GREGORY C. JOHNSON	2020/02/13	119	2021/01/28	154	Argo PMEL	SBE41CP	8012	1	cycle 102 is 0.07 PSU saltier than surrounding profiles
AOML	4902897	GREGORY C. JOHNSON	2020/02/09	119	2021/03/05	158	Argo PMEL	SBE41CP	8310	1	smoothly drifting so far
AOML	4902899	GREGORY C. JOHNSON	2020/02/19	117	2021/01/14	150	Argo PMEL	SBE41CP	8559	1	drifting since cycle E1
AOML	4902901	GREGORY C. JOHNSON	2020/02/12	116	2021/03/28	157	Argo PMEL	SBE41CP	8692	1	cycle 80 (2019/02/17)
AOML	4902905	GREGORY C. JOHNSON	2020/02/12	114	2021/01/27	149	Argo PMEL	SBE41CP	8709	1	cycle 97 is 0.03 PSU saltier than surrounding profiles
AOML	4902911	BRECK OWENS, STEVEN JAYNE, P.E. ROBBINS	2020/08/16	126	2021/01/22	142	Argo WHOI	SBE41CP	8551	1	

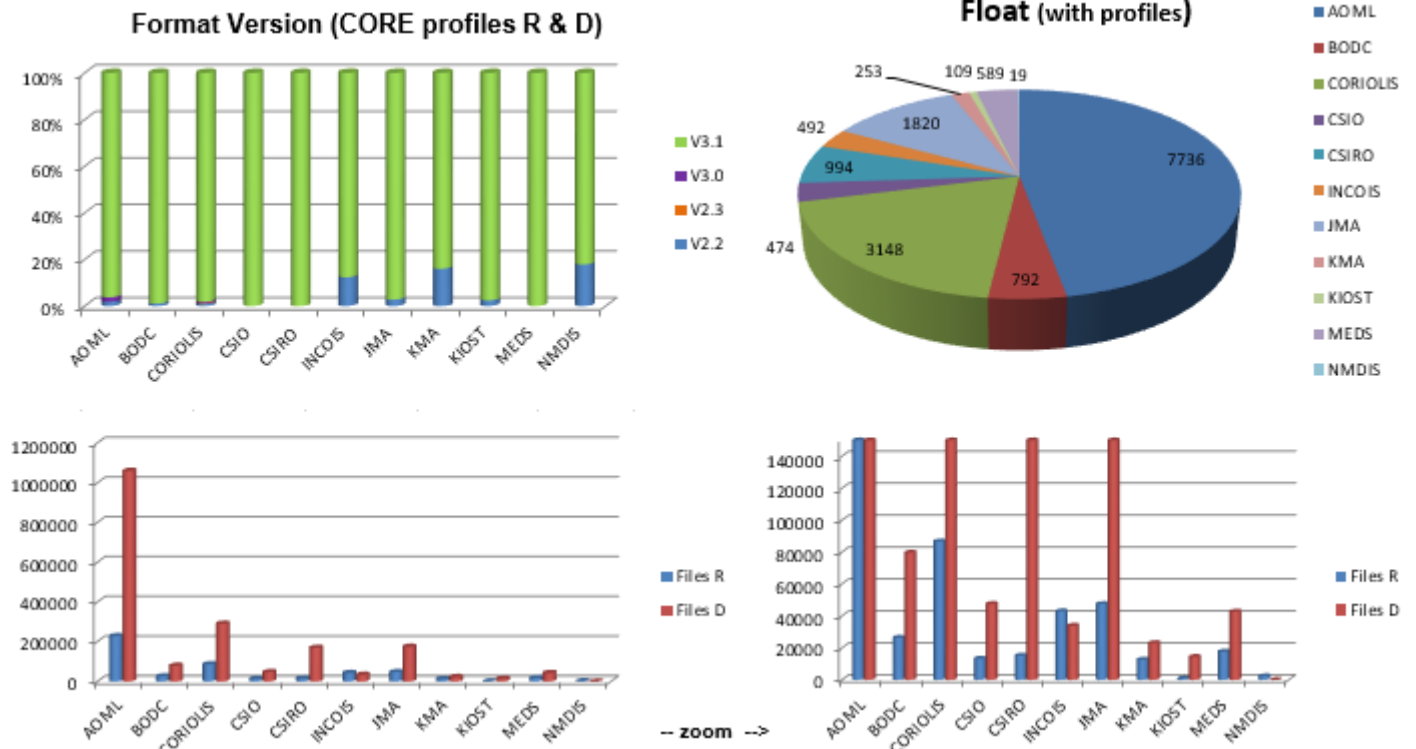
AOML	4902915	BRECK OWENS, STEVEN JAYNE, P.E. ROBBINS	2017/11/23	35:134	2021/03/29	281	Argo WHOI	SBE41CP	8540	3	35 (2107/11/23). cycle 160 (2019/08/06) is 0.2 PSU fresher at 2000 dbar. WOA range put also warning on PSAL profiles
AOML	4902916	BRECK OWENS, STEVEN JAYNE, P.E. ROBBINS	2020/12/06	255	2020/12/26	259	Argo WHOI	SBE41CP	8380	3	slight drift
AOML	4902980	GREGORY C. JOHNSON	2021/01/08	122	2021/02/27	127	Argo PMEL	SBE41CP	9807		
AOML	4902996	GREGORY C. JOHNSON	2020/06/19	102	2021/03/26	130	Argo PMEL	SBE41CP	0908	1	
AOML	4902997	GREGORY C. JOHNSON	2020/06/07	97	2021/01/24	119	Argo PMEL	SBE41CP	0909	1	Drift
AOML	4903000	GREGORY C. JOHNSON	2020/04/02	61	2021/01/27	91	Argo PMEL	SBE41CP	9963	1	Drift from cycle 61
AOML	4903027	GREGORY C. JOHNSON	2018/11/15	18	2021/02/02	99	Argo PMEL	SBE41CP_V7.2.5	10054	1	than surrounding profiles.
AOML	4903028	GREGORY C. JOHNSON	2020/03/15	50	2021/03/30	88	Argo PMEL	SBE41CP	10069	2 unsure	Fresher profiles from cycle 50, bias then come back to correct profiles ?
AOML	4903030	GREGORY C. JOHNSON	2020/02/16	60	2021/03/22	100	Argo PMEL	SBE41CP	10574	1	Cycle 52 is 0.03 psu saltier than cycle 51.
AOML	4903031	GREGORY C. JOHNSON	2020/02/16	60	2020/11/12	87	Argo PMEL	SBE41CP	10575	1	
AOML	4903032	GREGORY C. JOHNSON	2020/02/14	60	2021/01/29	95	Argo PMEL	SBE41CP	10576	1	fast salty drift
AOML	4903033	GREGORY C. JOHNSON	2019/10/11	47	2021/03/24	100	Argo PMEL	SBE41CP	10577	1	drifting.
AOML	4903034	GREGORY C. JOHNSON	2020/02/15	51	2021/03/31	92	Argo PMEL	SBE41CP	10758	2	0.05 PSU salty jump since cycle 32
AOML	4903055	BRECK OWENS, STEVEN JAYNE, P.E. ROBBINS	2020/05/23	47	2020/11/12	57	Argo WHOI	SBE41CP	11020		Gap or drift, 0,1 psu observed, saltier
AOML	4903057	BRECK OWENS, STEVEN JAYNE, P.E. ROBBINS	2021/02/07	74	2021/03/19	78	Argo WHOI	SBE41CP	10922		
AOML	4903171	GREGORY C. JOHNSON	2020/05/26	61	2021/01/21	85	Argo PMEL	SBE41CP	10759		cycle 5 on. Drift ? starting from cycle 61.
AOML	4903172	GREGORY C. JOHNSON	2020/02/11	50	2021/01/26	85	Argo PMEL	SBE41CP	10983	1	0.2 psu salty jump from cycle 47 on
AOML	4903173	GREGORY C. JOHNSON	2019/05/09	21	2021/03/29	90	Argo PMEL	SBE41CP	10997	1	may have begun cycle 38
AOML	4903174	GREGORY C. JOHNSON	2019/10/14	37	2021/01/26	84	Argo PMEL	SBE41CP	11044	1	0.1 PSU saltier than surrounding profiles
AOML	4903175	GREGORY C. JOHNSON	2018/12/08	5	2021/01/26	83	Argo PMEL	SBE41CP	11040	1	cycle 29 and cycle 30 are affected by a 0.03 PSU salty jump
AOML	4903176	GREGORY C. JOHNSON	2020/02/14	47	2021/01/29	82	Argo PMEL	SBE41CP	11045	1	fast salty drift from cycle 47 on
AOML	4903177	GREGORY C. JOHNSON	2019/10/14	35	2021/01/26	82	Argo PMEL	SBE41CP	11046	1	cycle 31 is affected by a 0.02 psu salty jump. Wait for more cycles
AOML	4903181	GREGORY C. JOHNSON	2019/10/10	35	2021/03/22	82	Argo PMEL	SBE41CP	11050	1	dependant. cycle 35 is not parallel => QC4
AOML	4903182	GREGORY C. JOHNSON	2020/04/16	54	2021/01/21	82	Argo PMEL	SBE41CP	11051	1	Drift from cycle 54, salty jump till 0,1 psu
AOML	4903184	GREGORY C. JOHNSON	2020/02/17	48	2021/03/23	88	Argo PMEL	SBE41CP	11042	1	cycle 42 is 0.02 psu saltier than surrounding profiles
AOML	4903185	GREGORY C. JOHNSON	2020/09/03	68	2021/01/21	82	Argo PMEL	SBE41CP	11065	1	Drift
AOML	4903186	GREGORY C. JOHNSON	2019/10/12	21	2021/01/24	68	Argo PMEL	SBE41CP	11067	1	25 (2019/11/21) is 0.8 PSU saltier than surrounding profiles
AOML	4903188	GREGORY C. JOHNSON	2019/10/10	21	2021/03/23	74	Argo PMEL	SBE41CP	11069	1	fast salty drift
AOML	4903194	GREGORY C. JOHNSON	2020/09/20	56	2021/02/27	72	Argo PMEL	SBE41CP	11138	1	Small drift
AOML	4903197	GREGORY C. JOHNSON	2020/03/04	36	2021/01/28	69	Argo PMEL	SBE41CP	11043	1	Salty drift
AOML	4903202	GREGORY C. JOHNSON	2020/02/12	27	2021/03/28	68	Argo PMEL	SBE41CP	11068	1	cycles.
AOML	4903247	WUJFFELS, JAYNE, ROBBINS	2020/09/24	42	2020/11/13	48	Argo WHOI	SBE41CP	11062	1	Drift or bias ? Only one cycle
AOML	4903281	GREGORY C. JOHNSON	2020/09/03	50	2021/01/21	64	Argo PMEL	SBE41CP	11089	1	Drift
AOML	4903283	GREGORY C. JOHNSON	2020/02/19	25	2021/01/24	59	Argo PMEL	SBE41CP	11149	1	cycle 22 is 0.08 psu saltier than surrounding profiles. Wait for more cycles
AOML	4903293	GREGORY C. JOHNSON	2020/09/26	16	2021/03/25	34	Argo PMEL	SBE41CP	11822	2	Beginning of drift or jump ?
AOML	5903806	GREGORY C. JOHNSON	2020/02/17	278	2021/03/28	316	Argo PMEL	SBE41	5646	1	cycle 257 is 0.04 PSU saltier than surrounding profiles.
AOML	5903821	GREGORY C. JOHNSON	2020/07/08	296	2021/02/19	317	Argo PMEL	SBE41	5107	1	
AOML	5903825	GREGORY C. JOHNSON	2021/01/31	303	2021/02/22	305	Argo PMEL	SBE41	5111	1	on psal, psal_adjusted seems ok
AOML	5904051	GREGORY C. JOHNSON	2020/09/28	261	2020/11/27	267	Argo PMEL	SBE41CP	4765	1 (jump)	Small drift ? Beginning ?
AOML	5904056	GREGORY C. JOHNSON	2020/04/30	225	2021/03/26	258	Argo PMEL	SBE41CP	5132	1	High jump of 0,1 psu - no cycle between cycle 196 and cycle 225
AOML	5904403	STEPHEN RISER	2016/04/06	63	2021/02/08	237	Argo UW	SBE41	6398	1	There is a -0.04 PSU adjustment but this is not big enough anymore
AOML	5904429	STEPHEN RISER	2020/09/08	212	2020/11/07	218	Argo UW	SBE41	6275	3	Small drift
AOML	5904441	STEPHEN RISER	2020/12/09	222	2021/01/09	225	Argo UW	SBE41	6309		
AOML	5904490	STEPHEN RISER	2021/01/19	215	2021/03/21	221	Argo UW	SBE41	6423		
AOML	5904543	GREGORY C. JOHNSON	2020/05/26	215	2021/03/22	245	Argo PMEL	SBE41CP	5921		Gap or drift starting ?
AOML	5904587	GREGORY C. JOHNSON	2020/02/13	176	2021/03/29	217	Argo PMEL	SBE41CP	6288	1	adjustement until cycle 143. There are a gap until new RT begins once
AOML	5904738	GREGORY C. JOHNSON	2020/01/27	119	2021/03/24	164	Argo PMEL	SBE41CP	7757		nominal values but restart to saltier values.
AOML	5904740	GREGORY C. JOHNSON	2020/07/04	138	2021/01/20	158	Argo PMEL	SBE41CP	7755	1	
AOML	5904741	GREGORY C. JOHNSON	2020/09/07	151	2021/03/26	171	Argo PMEL	SBE41CP	7754	1	Small drift
AOML	5904781	STEPHEN RISER	2019/04/08	94	2021/03/26	167	Argo UW	SBE41CP	7829	1	surrounding platforms (but few available).
AOML	5904785	STEPHEN RISER	2016/11/27	9	2021/03/23	167	Argo UW	SBE41CP	7936	1	more cycles. Take care correction in data mode A seems introduce bias
AOML	5904786	STEPHEN RISER	2020/04/29	134	2021/03/25	167	Argo UW	SBE41CP	7933		Drift, check next cycles
AOML	5904828	STEPHEN RISER	2020/11/13	148	2021/03/23	161	Argo UW	SBE41CP	7879	1	Drift
AOML	5905106	STEPHEN RISER, KENNETH JOHNSON	2020/07/17	104	2020/12/21	121	Argo UW-SOCCOM	SBE41CP	7943	1	Drift
AOML	5905150	STEPHEN RISER, KENNETH JOHNSON	2020/12/23	115	2021/03/23	124	Argo UW	SBE41CP	7728		
AOML	5905254	DEAN ROEMMICH	2020/12/28	119	2021/01/27	122	Argo SIO	SBE41CP_V7.2.5	9447		
AOML	5905288	GREGORY C. JOHNSON	2020/02/17	97	2021/01/22	131	Argo PMEL	SBE41CP	9043	1	to have begun from the beginning.
AOML	5905669	GREGORY C. JOHNSON	2020/11/18	79	2021/03/28	92	Argo PMEL	SBE41CP	9956		
AOML	5905676	GREGORY C. JOHNSON	2020/02/11	54	2021/01/26	89	Argo PMEL	SBE41CP	10018	1	may be fast salty drift. Wait for more cycles.
AOML	5905730	GREGORY C. JOHNSON	2019/10/12	51	2021/03/25	104	Argo PMEL	SBE41CP	9857	1	cycle 47 (2019/09/02) is 0.05 psu saltier than surrounding profiles
AOML	5905732	GREGORY C. JOHNSON	2020/02/15	66	2021/01/30	101	Argo PMEL	SBE41CP_V7.2.5	9964	1	rapid drift . cycle 36 is 0.05 PSU saltier. cycle 49 is 0.3 PSU saltier
AOML	5905736	GREGORY C. JOHNSON	2020/04/17	72	2021/01/22	100	Argo PMEL	SBE41CP	10067		Salty jump
AOML	5905743	GREGORY C. JOHNSON	2020/02/15	60	2021/03/31	101	Argo PMEL	SBE41CP	10559	1	drift seems to begin cycle 50
AOML	5905744	GREGORY C. JOHNSON	2020/02/15	60	2021/01/20	94	Argo PMEL	SBE41CP	10560	1	jump in salinity: cycle 29 is 0.07 PSU saltier than surrounding profiles
AOML	5905748	GREGORY C. JOHNSON	2020/03/31	55	2021/03/26	91	Argo PMEL	SBE41CP	10956	1	Fresher drift from cycle 55
AOML	5905988	ANDREA FASSBENDER	2020/04/28	111	2021/03/25	144	Argo UW-MBARI	SBE41CP	10762		Salty drift
AOML	5906038	STEPHEN RISER	2020/12/08	117	2020/12/29	121	Argo UW	SBE41CP	10311		
AOML	5906095	GREGORY C. JOHNSON	2020/07/05	43	2021/03/22	69	Argo PMEL	SBE41CP	11103	1	
AOML	5906098	GREGORY C. JOHNSON	2020/02/16	27	2021/03/22	67	Argo PMEL	SBE41CP	11099	4	Very fresh first cycles (cycle 10 is still 0.3 PSU fresher than expected)
AOML	5906159	GREGORY C. JOHNSON	2020/04/29	30	2021/03/25	63	Argo PMEL	SBE41CP	11076		Salty drift
AOML	5906170	GREGORY C. JOHNSON	2020/12/31	43	2021/03/31	52	Argo PMEL	SBE41CP	11085		
AOML	5906174	GREGORY C. JOHNSON	2020/03/31	1	2021/03/26	37	XXXXXXX	SBE41CP	12135	2	Bias of salinity for 2 first cycles (difference of 3 psu ith profiles in this area)
AOML	5906223	STEPHEN RISER/KEN JOHNSON	2020/03/18	1	2020/11/29	26	Argo UW-SOCCOM	SBE41CP	11518	1	cycles seems to be confirmed

AOML	5906252	STEPHEN RISER	2020/11/11	6	2020/12/21	10	Argo UW	SBE41CP	11676	2	Jump
AOML	5906299	STEPHEN RISER	2021/01/16	34	2021/03/29	70	Argo UW	RBR_ARGO3	201598		
AOML	5906331	STEPHEN RISER	2020/12/28	1			Argo UW	SBE41CP	12288		
BODC	3901966	Andreas Sterl	2020/12/14	99	2021/01/23	103	Argo UW	SBE41CP_V7.2.5	8649		
BODC	6903720	Brian King	2020/10/28	34	2020/12/27	40	Argo UK	SBE61	5637	1	Slight drift
CSIO	2902622	ZENCHONG LIU	2020/10/23	220	2020/12/12	225	Argo CHINA	SBE41CP	5614	1	Drift
CSIRO	1901748	Peter Oke	2020/11/27	35	2020/12/07	36	ARGO AUSTRALIA	SBE41CP_V7.2.5	11756		
CSIRO	5905003	Susan Wijffels	2021/02/08	193	2021/02/28	195	ARGO AUSTRALIA	SBE41CP_V2	7055		
CSIRO	7900636	Steve Rintoul -> Grey List ??	2020/12/23	86	2021/03/20	101	Argo AUSTRALIA	SBE61_V5.0.2	5648		
INCOIS	2902185	M Ravichandran	2020/12/29	190	2021/03/19	198	Indian Argo	SBE41CP	6670		
INCOIS	2902199	M Ravichandran	2020/07/10	211	2021/03/03	235	Indian Argo	SBE41CP	7512	1	
INCOIS	2902201	M Ravichandran	2020/08/23	164	2021/03/21	185	Indian Argo	SBE41	7642	1	
INCOIS	2902209	M Ravichandran	2019/03/10	92	2021/03/26	168	Indian Argo	SBE41CP	8353	1	because it entered an eddy-rich region. cycle 109 (20190824) is 0.25 psu
INCOIS	2902211	M Ravichandran	2020/02/22	162	2021/03/28	202	Indian Argo	SBE41CP	8355	1	Drift
INCOIS	2902236	M Ravichandran	2020/08/27	233	2021/03/30	276	Argo INDIA	SBE41CP	9529	1	
INCOIS	2902268	M Ravichandran	2020/06/15	51	2021/03/22	79	Argo INDIA	SBE41CP	11207		
JMA	2903212	JAMSTEC	2019/04/30	45	2021/03/11	117	Argo eq. JAMSTEC	SBE61	5631	2	with the constructor: flag are set by recommendation from ADMT, that is
JMA	2903404	JAMSTEC	2020/12/06	57	2021/01/25	62	Argo JAMSTEC	SBE41CP_V7.2.5	10965		
JMA	5905842	JMA	2020/08/29	61	2021/02/25	[65-66][68]	Argo eq. JAMSTEC	SBE61	5683	1	Drift (Deep Argo Float)
MEDS	4902470	Blair Greenan	2020/05/17	40	2021/03/13	70	Argo CANADA	SBE41CP	41CP-11308	1	Drift, now bias on temp

Floats on grey list since last month (from feedback)											
AOML	3901792	DEAN ROEMMICH -> Grey List	2020/06/29	100	2020/09/07	107	Argo SIO	SBE41CP_V7.2.5	8283	1	High drift
AOML	3901803	DEAN ROEMMICH -> Grey List	2020/10/02	81	2020/11/01	84	Argo SIO	SBE41CP_V7.2.5	10690	1	Slight jump and drift
AOML	5904510	DEAN ROEMMICH -> Grey List	2020/11/25	335	2020/12/05	337	Argo SIO	SBE41CP_V3.0c	5281		Big jump
AOML	5905707	DEAN ROEMMICH -> Grey List	2021/02/20	93	2021/03/02	94	Argo SIO	SBE41CP_V7.2.5	9984	1	
AOML	5905790	DEAN ROEMMICH -> Grey List	2021/01/24	102			Argo SIO	SBE41CP_V7.2.5	10864		
CORIOLIS	3901610	Birgit Klein -> Grey List	2021/01/06	135	2021/02/25	140	Argo BSH	SBE41CP_V7.2.5	8614		
CORIOLIS	3901847	Birgit Klein -> Grey List	2020/11/22	150	2021/03/22	162	ARGO MOCCA	SBE41CP_V7.2.5	8076		
CORIOLIS	6901253	Pedro Velez -> Grey List	2020/03/11	66	2021/03/16	[82][94-103]	Argo SPAIN - IEO	SBE41CP_V7.2.5	9918	1	Drift from cycle 66
CORIOLIS	6901268	Pedro Velez -> Grey List	2021/01/18	68	2021/03/09	73	Argo SPAIN	SBE41CP	9975		
CORIOLIS	6901772	Fabrizio D'Ortenzio -> Grey List	2020/11/26	167	2021/03/18	183	NAOS	SBE41CP_V2	6036	1	Slight drift, check with next profiles
CORIOLIS	6901841	Pierre-Marie Poulain -> Grey List	2020/12/13	218	2021/03/13	227	ARGO ITALY - MEDESS - AMS	SBE41CP	5633		
CORIOLIS	6902762	Bernard BOURLES -> Grey List	2020/09/22	128	2021/03/21	146	CORIOLIS - PIRATA	SBE41CP_V7.2.5	8504	1	Slight drift, to checked
CORIOLIS	6902813	Jean-Baptiste SALLEE -> Grey List	2020/10/30	100	2021/03/29	115	CORIOLIS - Deep Ice	SBE41CP_V7.2.5	8467		
CORIOLIS	6903562	Kjell Arne Mork -> Grey List	2020/09/16	48	2021/03/15	66	Argo NORWAY	SBE41CP_V7.2.5	10941	1	Drift
CORIOLIS	7900557	Birgit KLEIN -> Grey List	2021/02/25	23	2021/03/07	24	Argo BSH	SBE41CP	41-12674		
CSIRO	5905003	Susan Wijffels -> Grey List	2020/12/21	188	2021/01/20	191	Argo AUSTRALIA	SBE41CP_V2	7055		
CSIRO	7900624	Peter Oke -> Grey List	2021/01/28	155	2021/03/09	159	ARGO AUSTRALIA	SBE41CP_V7.2.5	7869		
JMA	2903191	JMA -> Grey List	2019/10/25	129	2020/09/24	196	Argo eq. JMA	SBE41CP_V7.2.5	9742	1	surrounding profiles
JMA	2903341	JMA -> Grey List	2020/06/11	90	2020/09/19	110	Argo eq. JMA	SBE41CP_V7.2.5	10131		
JMA	2903361	JMA -> Grey List	2021/02/12	140	2021/03/24	148	Argo eq. JMA	SBE41CP_V7.2.5	10835	1	
JMA	2903387	JMA -> Grey List	2020/12/15	69	2021/01/23	77	Argo eq. JMA	SBE41	10891		
JMA	2903394	JMA -> Grey List	2020/09/19	107	2020/11/13	118	Argo eq. JAMSTEC	SBE41N	11082	1	
JMA	4902983	JMA -> Grey List	2020/09/10	45	2021/01/17	58	Argo JAMSTEC	SBE41CP_V7.2.5	10972	1	Large drift - Last cycles RT QC4 but PSAL_ADJUSTED still with QC1
JMA	4902985	JMA -> Grey List	2020/09/01	40	2021/01/19	54	Argo JAMSTEC	SBE41CP_V7.2.5	10984	1	Large drift
MEDS	4902402	Blair Greenan -> Grey List	2021/02/27	147	2021/03/29	150	Argo CANADA	SBE41CP	8910	1	Slight drift

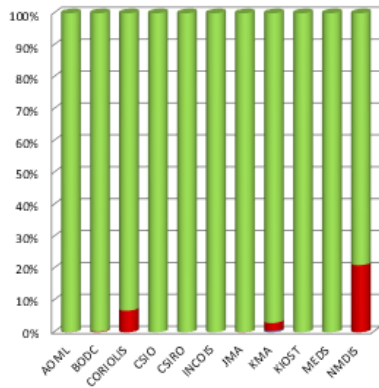
## 2. Statistics on floats and format version (End of February 2021)

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

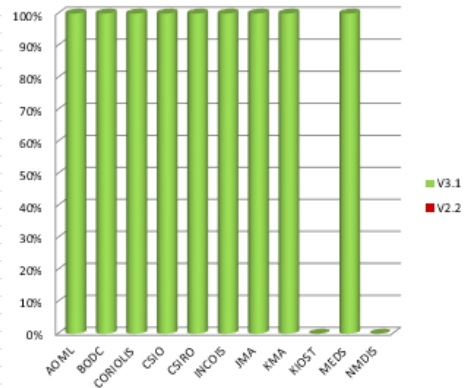


Plots showing format\_version percentage, for metadata-technical-trajectory and core profiles following dead or active floats.

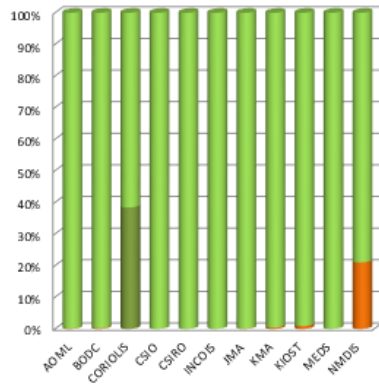
**Metadata Files - Dead floats**



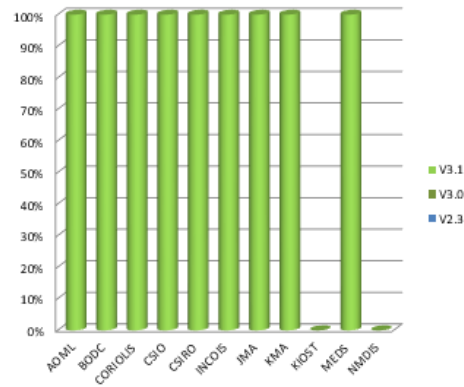
**Metadata Files - Active floats**



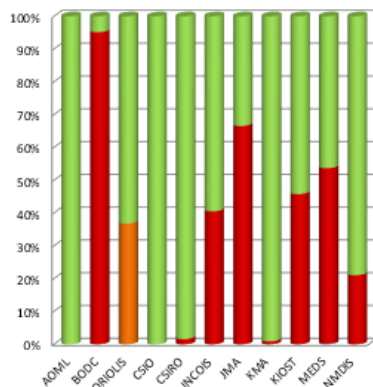
**Technical Files - Dead floats**



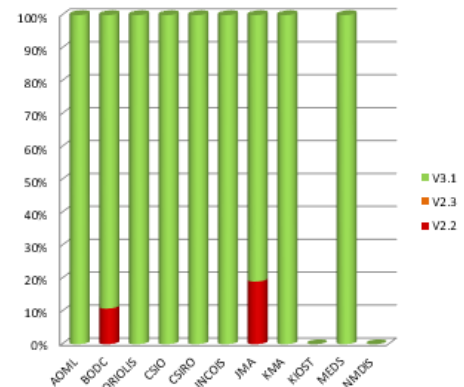
**Technical Files - Active floats**



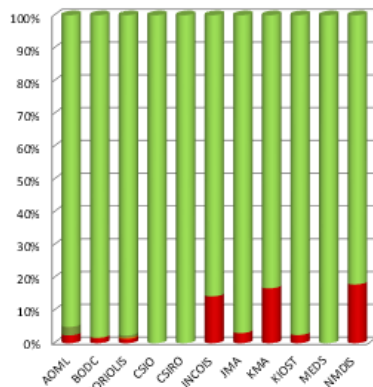
**Trajectory Files - Dead floats**



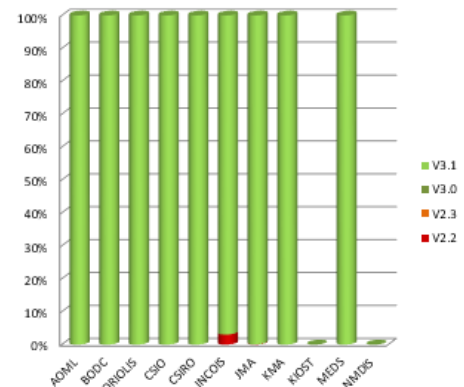
**Trajectory Files - Active floats**



**Profile files - Dead floats**

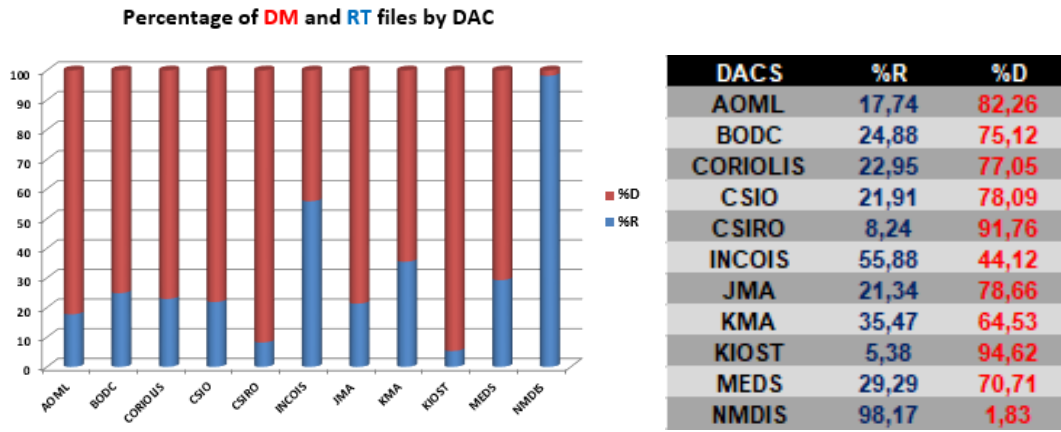


**Profile Files - Active floats**





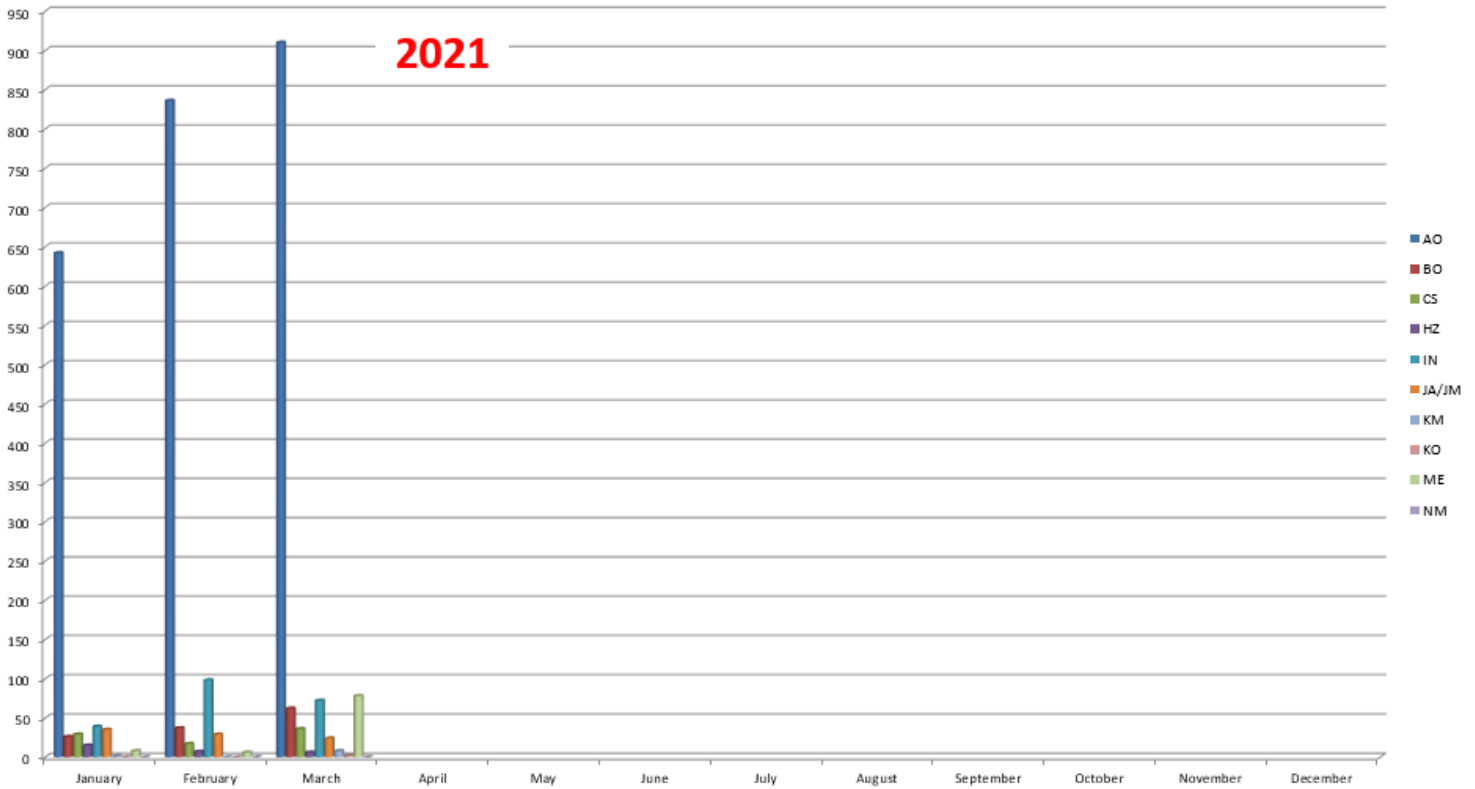
**Delayed mode percentage by DAC**



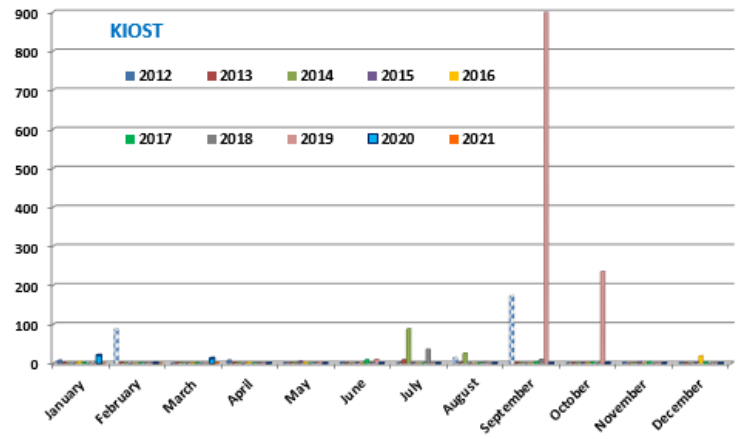
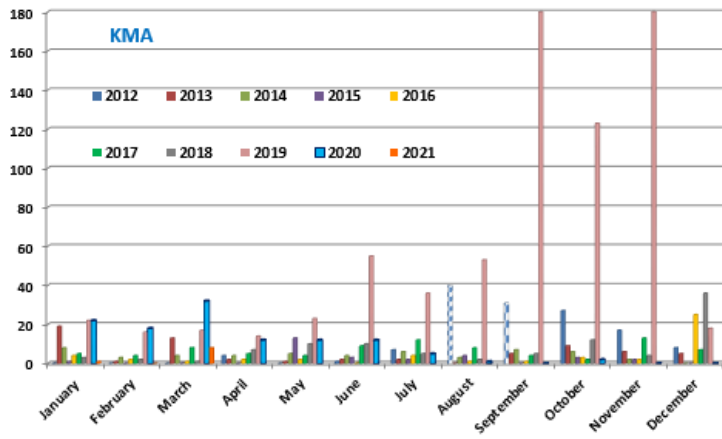
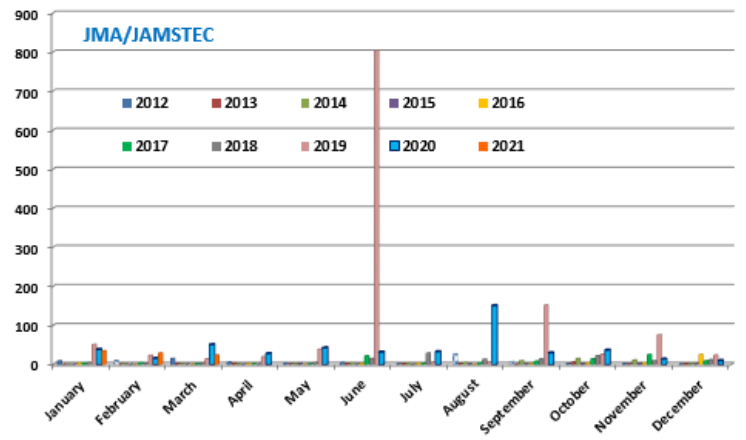
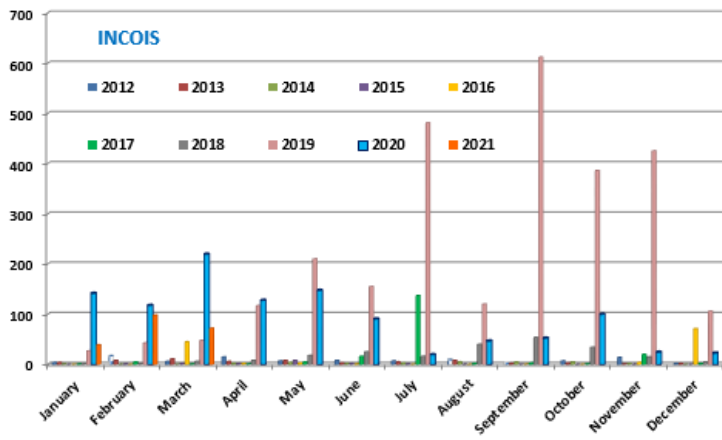
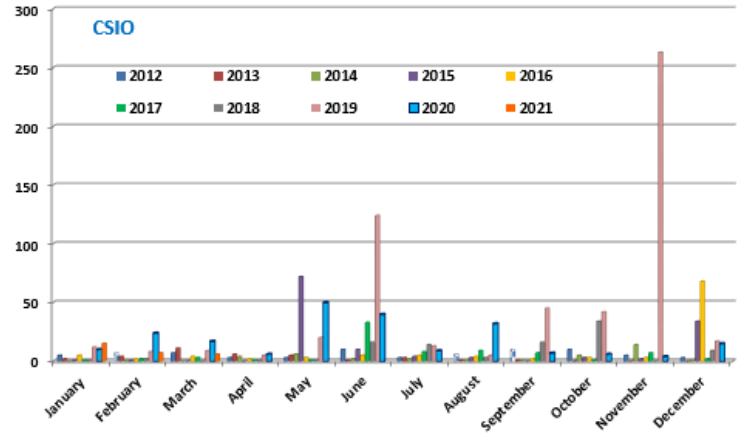
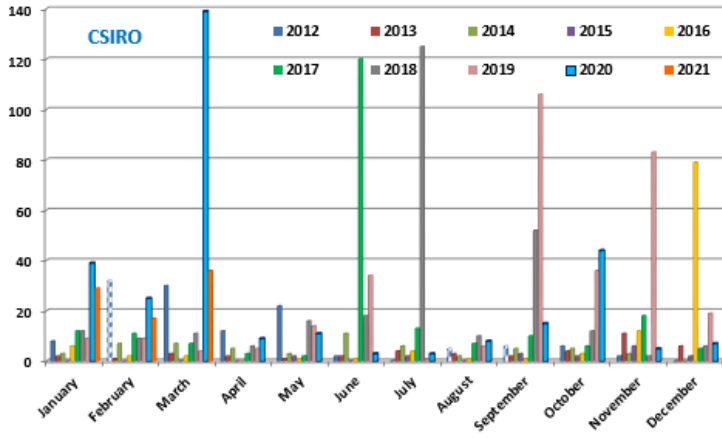
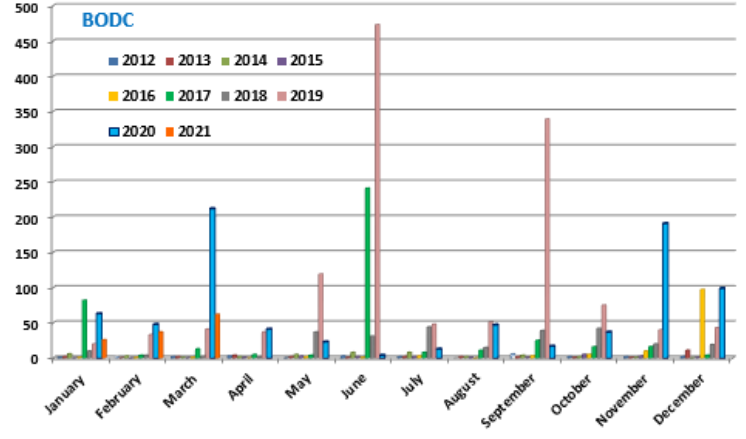
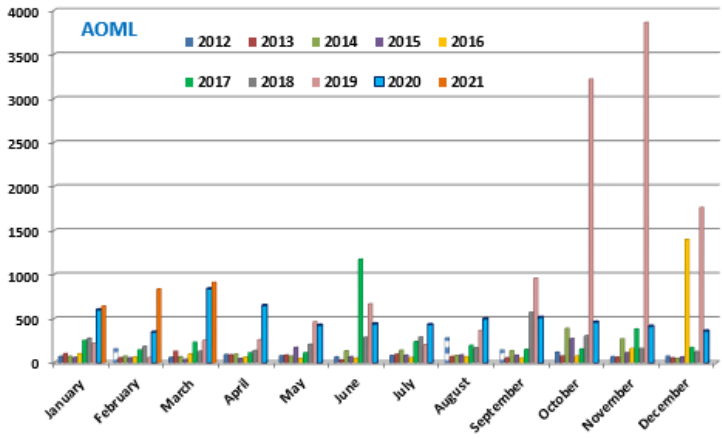
**3. Statistics on Anomalies**

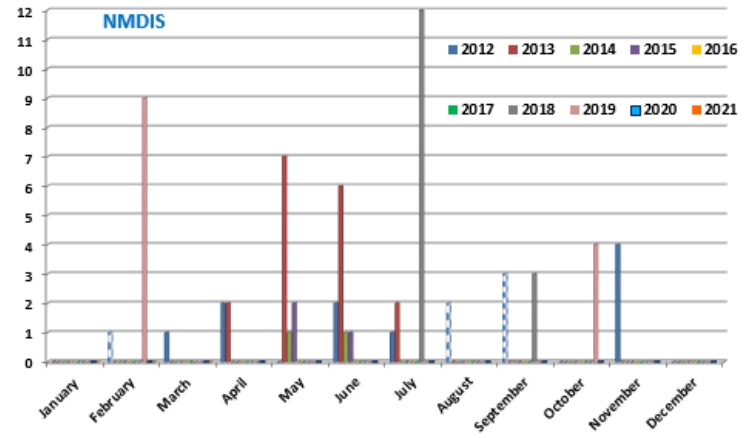
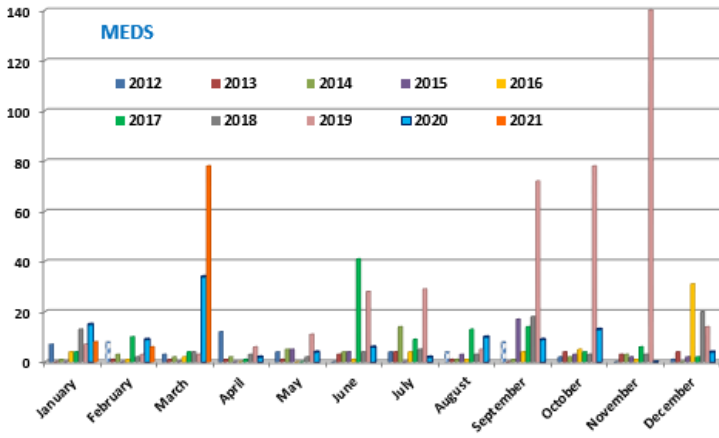
Plots showing evolution of number of anomalies by DAC.

**3.1. Year**

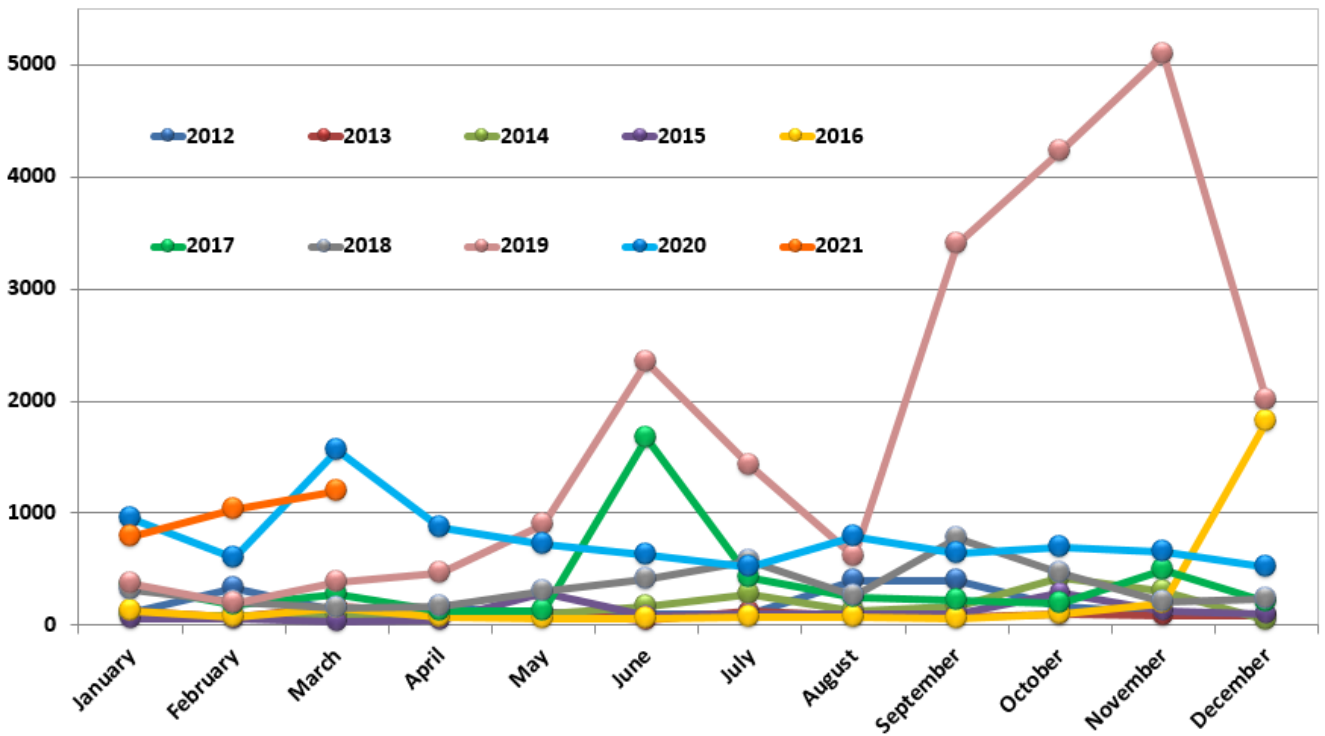


### 3.2. DAC





### 3.3. Anomalies by year, by month

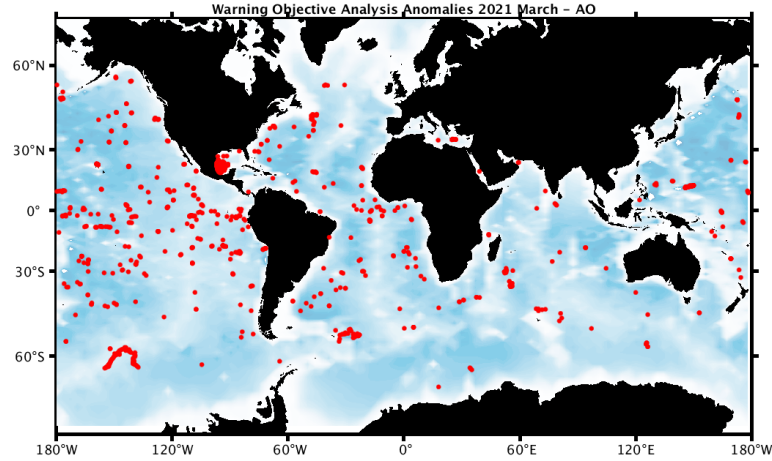


## 4. DAC Anomalies

### 4.1. DAC AOML

Profiles detected by the objective analysis: 910 profiles (244 floats, but floats can have several cycles with anomalies)

Data_mode = 'R'	Data_mode = 'A'	Data_mode = 'D'
374 cycles	341 cycles	195 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 : 1900959 - Cycle : 116 - PI : CARL SZCZECZOWSKI - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7219 - Date : 2016 6 2  
Float : 1901522 - Cycle : 53 - PI : CARL SZCZECZOWSKI - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7223 - Date : 2016 5 27  
Float : 1901600 - Cycle : 111 - PI : BRECK OWENS - Data mode : R - Platform type : S2A - WMO inst type : 854 - FLOAT SERIAL : 7051 - Date : 2015 10 7  
Float : 1901663 - Cycle : 219 - PI : BRECK OWENS, STEVE JAYNE, P.E. ROBBINS - Data mode : R - Platform type : S2A - WMO inst type : 854 - FLOAT SERIAL : 7179 - Date : 2015 7 27  
Float : 1901701 - Cycle : 105 - PI : BRECK OWENS, STEVE JAYNE, AND P.E. ROBBINS - Data mode : R - Platform type : S2A - WMO inst type : 854 - FLOAT SERIAL : 7204 - Date : 2016 11 12  
Float : 1901701 - Cycle : 21 - PI : BRECK OWENS, STEVE JAYNE, AND P.E. ROBBINS - Data mode : R - Platform type : S2A - WMO inst type : 854 - FLOAT SERIAL : 7204 - Date : 2014 7 30  
Float : 1901719 - Cycle : 30 - PI : BRECK OWENS, STEVEN JAYNE, P.E. ROBBINS - Data mode : R - Platform type : S2A - WMO inst type : 854 - FLOAT SERIAL : 7234 - Date : 2015 3 24  
Float : 1901719 - Cycle : 85 - PI : BRECK OWENS, STEVEN JAYNE, P.E. ROBBINS - Data mode : R - Platform type : S2A - WMO inst type : 854 - FLOAT SERIAL : 7234 - Date : 2016 9 21  
Float : 1901719 - Cycle : 86 - PI : BRECK OWENS, STEVEN JAYNE, P.E. ROBBINS - Data mode : R - Platform type : S2A - WMO inst type : 854 - FLOAT SERIAL : 7234 - Date : 2016 10 1  
Float : 1901722 - Cycle : 59 - PI : BRECK OWENS, STEVEN JAYNE, P.E. ROBBINS - Data mode : R - Platform type : S2A - WMO inst type : 854 - FLOAT SERIAL : 7238 - Date : 2016 1 13  
Float : 1901815 - Cycle : 146 - PI : BRECK OWENS, STEVEN JAYNE, P.E. ROBBINS - Data mode : R - Platform type : S2A - WMO inst type : 854 - FLOAT SERIAL : 7351 - Date : 2020 5 7  
Float : 1901824 - Cycle : 3 - PI : BRECK OWENS, STEVEN JAYNE, P.E. ROBBINS - Data mode : R - Platform type : S2A - WMO inst type : 854 - FLOAT SERIAL : 7371 - Date : 2016 12 8  
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 : 1902038 - Cycle : 80 - PI : DEAN ROEMMICH - Data mode : A - Platform type : SOLO\_II - WMO inst type : 853 - FLOAT SERIAL : 8725 - Date : 2021 3 7  
Float : 1902043 - Cycle : 78 - PI : DEAN ROEMMICH - Data mode : A - Platform type : SOLO\_II - WMO inst type : 853 - FLOAT SERIAL : 8730 - Date : 2021 2 17  
Float : 1902043 - Cycle : 79 - PI : DEAN ROEMMICH - Data mode : A - Platform type : SOLO\_II - WMO inst type : 853 - FLOAT SERIAL : 8730 - Date : 2021 2 27  
Float : 1902043 - Cycle : 80 - PI : DEAN ROEMMICH - Data mode : A - Platform type : SOLO\_II - WMO inst type : 853 - FLOAT SERIAL : 8730 - Date : 2021 3 9  
Float : 1902043 - Cycle : 81 - PI : DEAN ROEMMICH - Data mode : A - Platform type : SOLO\_II - WMO inst type : 853 - FLOAT SERIAL : 8730 - Date : 2021 3 19  
Float : 1902043 - Cycle : 82 - PI : DEAN ROEMMICH - Data mode : A - Platform type : SOLO\_II - WMO inst type : 853 - FLOAT SERIAL : 8730 - Date : 2021 3 29  
Float : 1902063 - Cycle : 113 - PI : BRECK OWENS, STEVEN JAYNE, P.E. ROBBINS - Data mode : R - Platform type : S2A - WMO inst type : 854 - FLOAT SERIAL : 7397 - Date : 2019 12 11  
Float : 1902063 - Cycle : 35 - PI : BRECK OWENS, STEVEN JAYNE, P.E. ROBBINS - Data mode : R - Platform type : S2A - WMO inst type : 854 - FLOAT SERIAL : 7397 - Date : 2017 10 28  
Float : 1902064 - Cycle : 3 - PI : BRECK OWENS, STEVEN JAYNE, P.E. ROBBINS - Data mode : R - Platform type : S2A - WMO inst type : 854 - FLOAT SERIAL : 7398 - Date : 2017 1 10  
Float : 1902064 - Cycle : 58 - PI : BRECK OWENS, STEVEN JAYNE, P.E. ROBBINS - Data mode : R - Platform type : S2A - WMO inst type : 854 - FLOAT SERIAL : 7398 - Date : 2018 7 2  
Float : 1902067 - Cycle : 17 - PI : BRECK OWENS, STEVEN JAYNE, P.E. ROBBINS - Data mode : R - Platform type : S2A - WMO inst type : 854 - FLOAT SERIAL : 7402 - Date : 2017 5 21  
Float : 1902067 - Cycle : 71 - PI : BRECK OWENS, STEVEN JAYNE, P.E. ROBBINS - Data mode : R - Platform type : S2A - WMO inst type : 854 - FLOAT SERIAL : 7402 - Date : 2018 11 8  
Float : 1902067 - Cycle : 88 - PI : BRECK OWENS, STEVEN JAYNE, P.E. ROBBINS - Data mode : R - Platform type : S2A - WMO inst type : 854 - FLOAT SERIAL : 7402 - Date : 2019 4 26  
Float : 1902069 - Cycle : 84 - PI : BRECK OWENS, STEVEN JAYNE, P.E. ROBBINS - Data mode : R - Platform type : S2A - WMO inst type : 854 - FLOAT SERIAL : 7407 - Date : 2019 2 25  
Float : 1902070 - Cycle : 49 - PI : BRECK OWENS, STEVEN JAYNE, P.E. ROBBINS - Data mode : R - Platform type : S2A - WMO inst type : 854 - FLOAT SERIAL : 7434 - Date : 2019 2 7  
Float : 1902072 - Cycle : 120 - PI : BRECK OWENS, STEVEN JAYNE, P.E. ROBBINS - Data mode : R - Platform type : S2A - WMO inst type : 854 - FLOAT SERIAL : 7439 - Date : 2021 1 14  
Float : 1902072 - Cycle : 36 - PI : BRECK OWENS, STEVEN JAYNE, P.E. ROBBINS - Data mode : R - Platform type : S2A - WMO inst type : 854 - FLOAT SERIAL : 7439 - Date : 2018 10 2  
Float : 1902072 - Cycle : 49 - PI : BRECK OWENS, STEVEN JAYNE, P.E. ROBBINS - Data mode : R - Platform type : S2A - WMO inst type : 854 - FLOAT SERIAL : 7439 - Date : 2019 2 8  
Float : 1902072 - Cycle : 97 - PI : BRECK OWENS, STEVEN JAYNE, P.E. ROBBINS - Data mode : R - Platform type : S2A - WMO inst type : 854 - FLOAT SERIAL : 7439 - Date : 2020 5 30  
Float : 1902072 - Cycle : 99 - PI : BRECK OWENS, STEVEN JAYNE, P.E. ROBBINS - Data mode : R - Platform type : S2A - WMO inst type : 854 - FLOAT SERIAL : 7439 - Date : 2020 6 19  
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 : 1902198 - Cycle : 100 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : NAVIS\_A - WMO inst type : 863 - FLOAT SERIAL : 0856 - Date : 2021 3 16  
Float : 1902198 - Cycle : 101 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : NAVIS\_A - WMO inst type : 863 - FLOAT SERIAL : 0856 - Date : 2021 3 26

















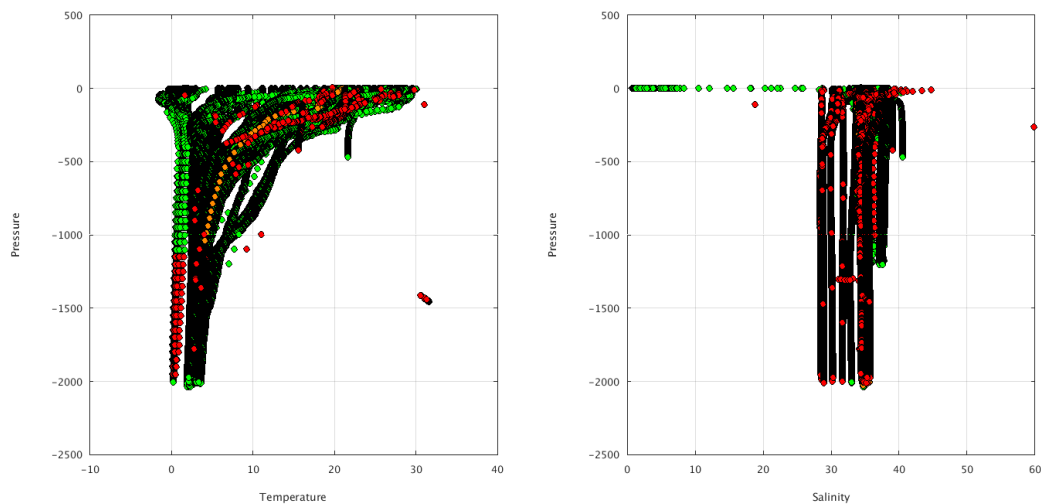








Float : 5905251 - Cycle : 97 - PI : DEAN ROEMMICH - Data mode : D - Platform type : SOLO\_II - WMO inst type : 853 - FLOAT SERIAL : 8577 - Date : 2020 5 13  
 Float : 5905252 - Cycle : 91 - PI : DEAN ROEMMICH - Data mode : D - Platform type : SOLO\_II - WMO inst type : 853 - FLOAT SERIAL : 8578 - Date : 2020 3 22  
 Float : 5905252 - Cycle : 97 - PI : DEAN ROEMMICH - Data mode : D - Platform type : SOLO\_II - WMO inst type : 853 - FLOAT SERIAL : 8578 - Date : 2020 5 21  
 Float : 5905252 - Cycle : 99 - PI : DEAN ROEMMICH - Data mode : D - Platform type : SOLO\_II - WMO inst type : 853 - FLOAT SERIAL : 8578 - Date : 2020 6 10  
 Float : 5905257 - Cycle : 66 - PI : DEAN ROEMMICH - Data mode : D - Platform type : SOLO\_II - WMO inst type : 853 - FLOAT SERIAL : 8618 - Date : 2019 8 18  
 Float : 5905266 - Cycle : 15 - PI : PHIL SUTTON - Data mode : D - Platform type : SOLO\_II - WMO inst type : 853 - FLOAT SERIAL : 8599 - Date : 2018 4 6  
 Float : 5905267 - Cycle : 51 - PI : DEAN ROEMMICH - Data mode : D - Platform type : SOLO\_II - WMO inst type : 853 - FLOAT SERIAL : 8561 - Date : 2019 2 13  
 Float : 5905267 - Cycle : 53 - PI : DEAN ROEMMICH - Data mode : D - Platform type : SOLO\_II - WMO inst type : 853 - FLOAT SERIAL : 8561 - Date : 2019 3 5  
 Float : 6900087 - Cycle : 254 - PI : CHARLIE HORTON - Data mode : D - INST REF : APEX\_SBE\_347 - Date : 2004 12 8

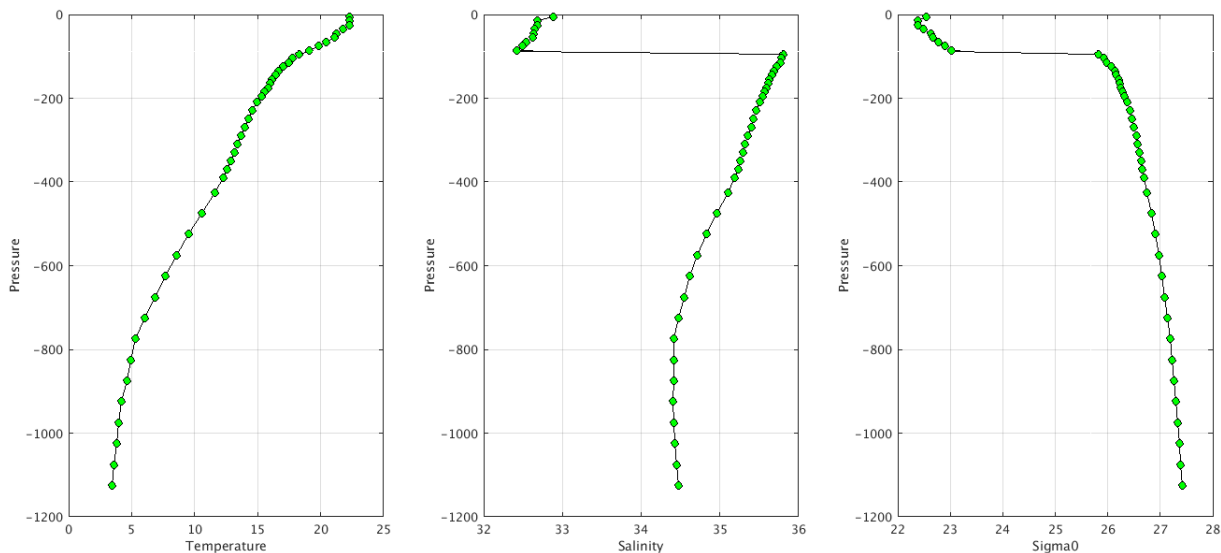


Plot for the 190 first profiles.

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

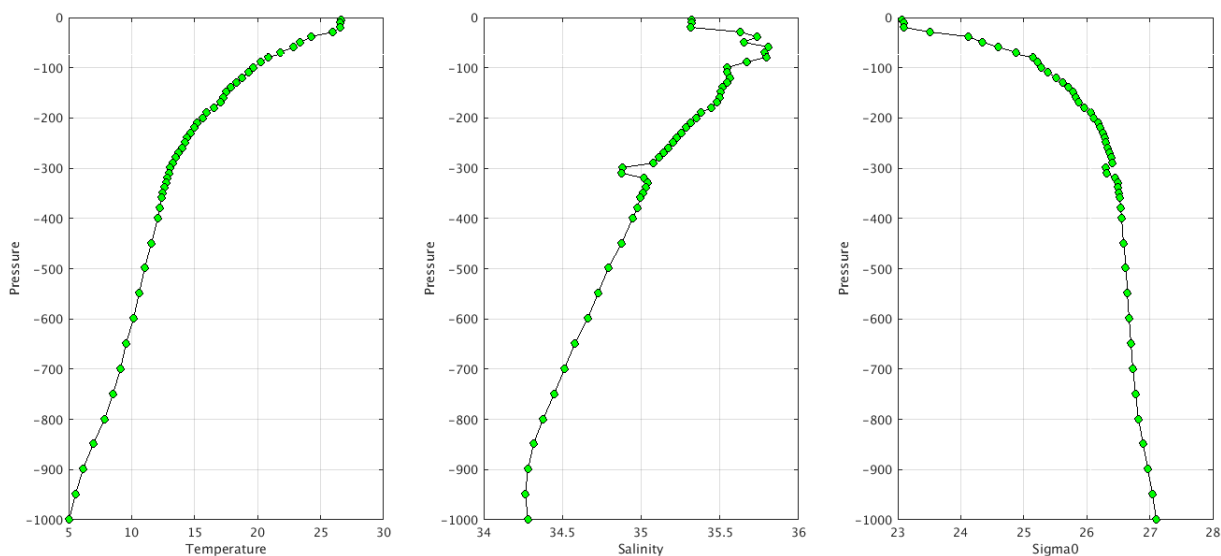
Example of anomalies:

Warning Objective Analysis Anomalies 2021 March TEMP PSAL : DAC AO- Float 1900203 - 64

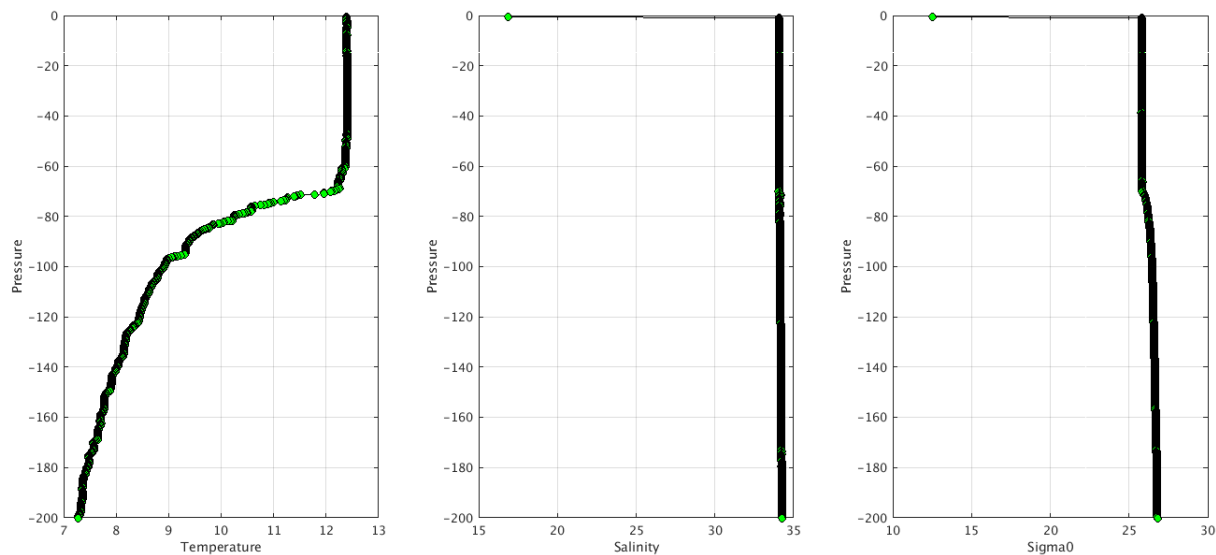




Warning Objective Analysis Anomalies 2021 March PSAL : DAC AO- Float 1900266 - 19



Warning Objective Analysis Anomalies 2021 March PSAL : DAC AO- Float 3901474 - 126



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

- Error on practical salinity adjusted error :

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

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

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

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

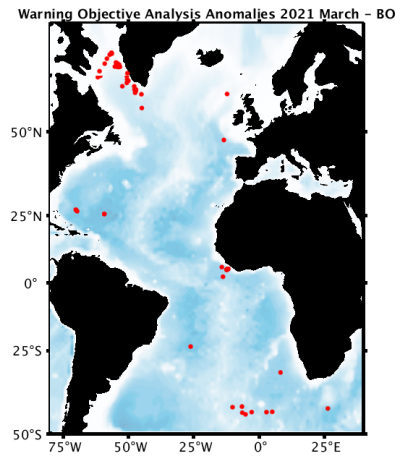
PI\_name = CARL SZCZECOWSKI - Float 6900376 cycle 44 to cycle 92 – cycle 98 to 128 – cycle 131 to 135

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

## 4.2. DAC BODC

Profiles detected by the objective analysis: 62 profiles (13 floats, but floats can have several cycles with anomalies)

Data_mode ='R'	Data_mode ='A'	Data_mode ='D'
1 cycle	8 cycles	53 cycles



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

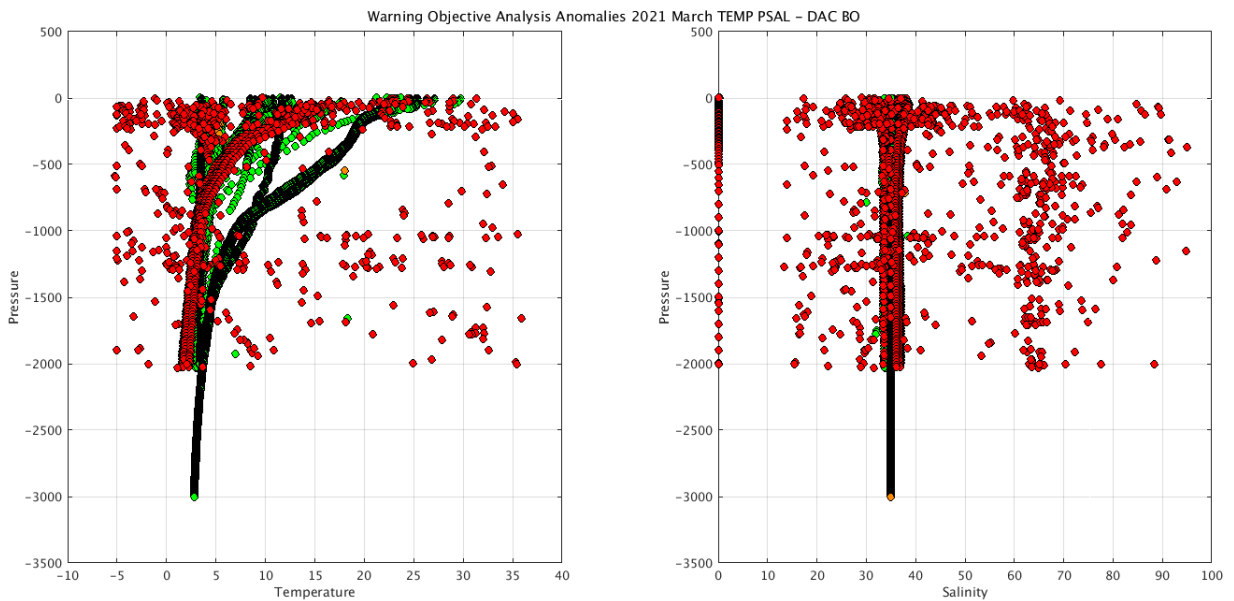
### Files data\_mode='R' / 'A'

Float : 3901536 - Cycle : 124 - PI : Jon Turton - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 8062 - Date : 2021 3 2  
 Float : 6901191 - Cycle : 179 - PI : Brian King - Data mode : A - Platform type : APEX - WMO inst type : 877 - FLOAT SERIAL : 7626 - Date : 2021 3 7  
 Float : 6901193 - Cycle : 176 - PI : Brian King - Data mode : A - Platform type : APEX - WMO inst type : 877 - FLOAT SERIAL : 7627 - Date : 2021 3 12  
 Float : 6903724 - Cycle : 15 - PI : Jon Turton - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 8462 - Date : 2021 3 17  
 Float : 6903727 - Cycle : 14 - PI : Brian King - Data mode : A - Platform type : APEX - WMO inst type : 877 - FLOAT SERIAL : 7625 - Date : 2021 3 3  
 Float : 6903727 - Cycle : 17 - PI : Brian King - Data mode : A - Platform type : APEX - WMO inst type : 877 - FLOAT SERIAL : 7625 - Date : 2021 3 18  
 Float : 6903727 - Cycle : 6 - PI : Brian King - Data mode : A - Platform type : APEX - WMO inst type : 877 - FLOAT SERIAL : 7625 - Date : 2021 1 22  
 Float : 6903755 - Cycle : 1 - PI : Brian King - Data mode : A - Platform type : APEX\_D - WMO inst type : 877 - FLOAT SERIAL : 0007 - Date : 2020 12 26  
 Float : 6903755 - Cycle : 2 - PI : Brian King - Data mode : A - Platform type : APEX\_D - WMO inst type : 877 - FLOAT SERIAL : 0007 - Date : 2020 12 29

### Files data\_mode='D'

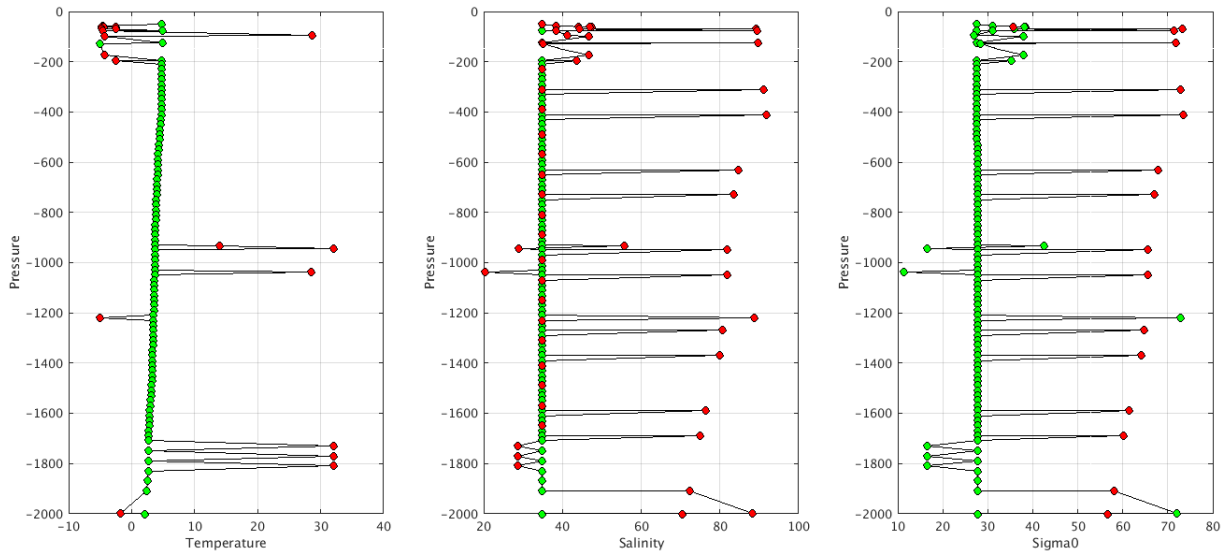
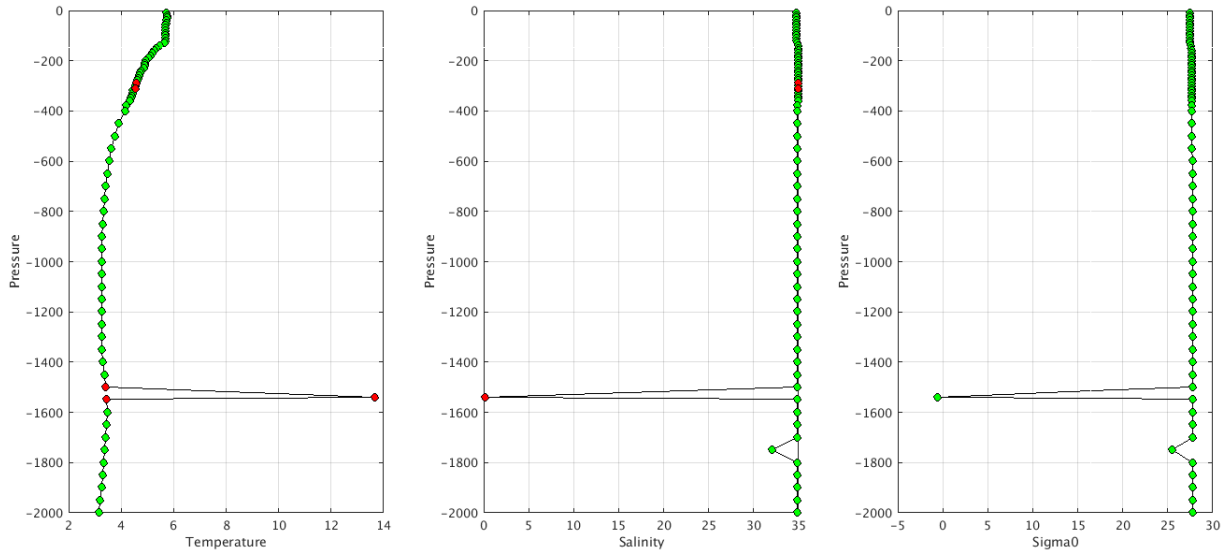
Float : 1900139 - Cycle : 5 - PI : Jon Turton - Data mode : D - INST REF : MARTEC-FSI OIN 02-F212 - Date : 2003 4 3  
 Float : 1900141 - Cycle : 28 - PI : Jon Turton - Data mode : D - INST REF : MARTEC-FSI OIN 02-F214 - Date : 2003 11 21  
 Float : 1900141 - Cycle : 53 - PI : Jon Turton - Data mode : D - INST REF : MARTEC-FSI OIN 02-F214 - Date : 2004 7 29  
 Float : 1900141 - Cycle : 55 - PI : Jon Turton - Data mode : D - INST REF : MARTEC-FSI OIN 02-F214 - Date : 2004 8 18  
 Float : 1900141 - Cycle : 56 - PI : Jon Turton - Data mode : D - INST REF : MARTEC-FSI OIN 02-F214 - Date : 2004 8 28  
 Float : 1900141 - Cycle : 57 - PI : Jon Turton - Data mode : D - INST REF : MARTEC-FSI OIN 02-F214 - Date : 2004 9 7  
 Float : 1900141 - Cycle : 58 - PI : Jon Turton - Data mode : D - INST REF : MARTEC-FSI OIN 02-F214 - Date : 2004 9 17  
 Float : 1900141 - Cycle : 60 - PI : Jon Turton - Data mode : D - INST REF : MARTEC-FSI OIN 02-F214 - Date : 2004 10 7  
 Float : 1900141 - Cycle : 62 - PI : Jon Turton - Data mode : D - INST REF : MARTEC-FSI OIN 02-F214 - Date : 2004 10 27  
 Float : 1900141 - Cycle : 66 - PI : Jon Turton - Data mode : D - INST REF : MARTEC-FSI OIN 02-F214 - Date : 2004 12 6  
 Float : 1901300 - Cycle : 128 - PI : Jon Turton - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 5590 - Date : 2016 9 11  
 Float : 1901866 - Cycle : 104 - PI : Jon Turton - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7325 - Date : 2020 1 14  
 Float : 1901866 - Cycle : 111 - PI : Jon Turton - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7325 - Date : 2020 3 24  
 Float : 1901866 - Cycle : 120 - PI : Jon Turton - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7325 - Date : 2020 6 22  
 Float : 1901866 - Cycle : 128 - PI : Jon Turton - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7325 - Date : 2020 9 10  
 Float : 1901866 - Cycle : 131 - PI : Jon Turton - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7325 - Date : 2020 10 10  
 Float : 1901866 - Cycle : 139 - PI : Jon Turton - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7325 - Date : 2020 12 29  
 Float : 1901866 - Cycle : 141 - PI : Jon Turton - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7325 - Date : 2021 1 18  
 Float : 1901915 - Cycle : 43 - PI : Jon Turton - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 6263 - Date : 2020 12 5  
 Float : 49067 - Cycle : 104 - PI : Jon Turton - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 172 - Date : 2003 11 16  
 Float : 6900198 - Cycle : 10 - PI : Jon Turton - Data mode : D - Platform type : PROVOR - WMO inst type : 842 - FLOAT SERIAL : OIN-00-02-34 - Date : 2002 3 17  
 Float : 6900198 - Cycle : 11 - PI : Jon Turton - Data mode : D - Platform type : PROVOR - WMO inst type : 842 - FLOAT SERIAL : OIN-00-02-34 - Date : 2002 3 27  
 Float : 6900198 - Cycle : 12 - PI : Jon Turton - Data mode : D - Platform type : PROVOR - WMO inst type : 842 - FLOAT SERIAL : OIN-00-02-34 - Date : 2002 4 6  
 Float : 6900198 - Cycle : 13 - PI : Jon Turton - Data mode : D - Platform type : PROVOR - WMO inst type : 842 - FLOAT SERIAL : OIN-00-02-34 - Date : 2002 4 16

Float : 6900198 - Cycle : 14 - PI : Jon Turton - Data mode : D - Platform type : PROVOR - WMO inst type : 842 - FLOAT SERIAL : OIN-00-02-34 - Date : 2002 4 26  
 Float : 6900198 - Cycle : 15 - PI : Jon Turton - Data mode : D - Platform type : PROVOR - WMO inst type : 842 - FLOAT SERIAL : OIN-00-02-34 - Date : 2002 5 6  
 Float : 6900198 - Cycle : 16 - PI : Jon Turton - Data mode : D - Platform type : PROVOR - WMO inst type : 842 - FLOAT SERIAL : OIN-00-02-34 - Date : 2002 5 16  
 Float : 6900198 - Cycle : 17 - PI : Jon Turton - Data mode : D - Platform type : PROVOR - WMO inst type : 842 - FLOAT SERIAL : OIN-00-02-34 - Date : 2002 5 26  
 Float : 6900198 - Cycle : 18 - PI : Jon Turton - Data mode : D - Platform type : PROVOR - WMO inst type : 842 - FLOAT SERIAL : OIN-00-02-34 - Date : 2002 6 5  
 Float : 6900198 - Cycle : 19 - PI : Jon Turton - Data mode : D - Platform type : PROVOR - WMO inst type : 842 - FLOAT SERIAL : OIN-00-02-34 - Date : 2002 6 15  
 Float : 6900198 - Cycle : 21 - PI : Jon Turton - Data mode : D - Platform type : PROVOR - WMO inst type : 842 - FLOAT SERIAL : OIN-00-02-34 - Date : 2002 7 5  
 Float : 6900198 - Cycle : 22 - PI : Jon Turton - Data mode : D - Platform type : PROVOR - WMO inst type : 842 - FLOAT SERIAL : OIN-00-02-34 - Date : 2002 7 15  
 Float : 6900198 - Cycle : 23 - PI : Jon Turton - Data mode : D - Platform type : PROVOR - WMO inst type : 842 - FLOAT SERIAL : OIN-00-02-34 - Date : 2002 7 25  
 Float : 6900198 - Cycle : 24 - PI : Jon Turton - Data mode : D - Platform type : PROVOR - WMO inst type : 842 - FLOAT SERIAL : OIN-00-02-34 - Date : 2002 8 4  
 Float : 6900198 - Cycle : 25 - PI : Jon Turton - Data mode : D - Platform type : PROVOR - WMO inst type : 842 - FLOAT SERIAL : OIN-00-02-34 - Date : 2002 8 14  
 Float : 6900198 - Cycle : 26 - PI : Jon Turton - Data mode : D - Platform type : PROVOR - WMO inst type : 842 - FLOAT SERIAL : OIN-00-02-34 - Date : 2002 8 24  
 Float : 6900198 - Cycle : 27 - PI : Jon Turton - Data mode : D - Platform type : PROVOR - WMO inst type : 842 - FLOAT SERIAL : OIN-00-02-34 - Date : 2002 9 3  
 Float : 6900198 - Cycle : 28 - PI : Jon Turton - Data mode : D - Platform type : PROVOR - WMO inst type : 842 - FLOAT SERIAL : OIN-00-02-34 - Date : 2002 9 13  
 Float : 6900198 - Cycle : 29 - PI : Jon Turton - Data mode : D - Platform type : PROVOR - WMO inst type : 842 - FLOAT SERIAL : OIN-00-02-34 - Date : 2002 9 23  
 Float : 6900198 - Cycle : 30 - PI : Jon Turton - Data mode : D - Platform type : PROVOR - WMO inst type : 842 - FLOAT SERIAL : OIN-00-02-34 - Date : 2002 10 3  
 Float : 6900198 - Cycle : 31 - PI : Jon Turton - Data mode : D - Platform type : PROVOR - WMO inst type : 842 - FLOAT SERIAL : OIN-00-02-34 - Date : 2002 10 13  
 Float : 6900198 - Cycle : 32 - PI : Jon Turton - Data mode : D - Platform type : PROVOR - WMO inst type : 842 - FLOAT SERIAL : OIN-00-02-34 - Date : 2002 10 23  
 Float : 6900198 - Cycle : 34 - PI : Jon Turton - Data mode : D - Platform type : PROVOR - WMO inst type : 842 - FLOAT SERIAL : OIN-00-02-34 - Date : 2002 11 12  
 Float : 6900198 - Cycle : 35 - PI : Jon Turton - Data mode : D - Platform type : PROVOR - WMO inst type : 842 - FLOAT SERIAL : OIN-00-02-34 - Date : 2002 11 22  
 Float : 6900198 - Cycle : 36 - PI : Jon Turton - Data mode : D - Platform type : PROVOR - WMO inst type : 842 - FLOAT SERIAL : OIN-00-02-34 - Date : 2002 12 2  
 Float : 6900198 - Cycle : 37 - PI : Jon Turton - Data mode : D - Platform type : PROVOR - WMO inst type : 842 - FLOAT SERIAL : OIN-00-02-34 - Date : 2002 12 12  
 Float : 6900198 - Cycle : 38 - PI : Jon Turton - Data mode : D - Platform type : PROVOR - WMO inst type : 842 - FLOAT SERIAL : OIN-00-02-34 - Date : 2002 12 22  
 Float : 6900198 - Cycle : 39 - PI : Jon Turton - Data mode : D - Platform type : PROVOR - WMO inst type : 842 - FLOAT SERIAL : OIN-00-02-34 - Date : 2003 1 1  
 Float : 6900198 - Cycle : 40 - PI : Jon Turton - Data mode : D - Platform type : PROVOR - WMO inst type : 842 - FLOAT SERIAL : OIN-00-02-34 - Date : 2003 1 11  
 Float : 6900198 - Cycle : 41 - PI : Jon Turton - Data mode : D - Platform type : PROVOR - WMO inst type : 842 - FLOAT SERIAL : OIN-00-02-34 - Date : 2003 1 21  
 Float : 6900198 - Cycle : 42 - PI : Jon Turton - Data mode : D - Platform type : PROVOR - WMO inst type : 842 - FLOAT SERIAL : OIN-00-02-34 - Date : 2003 1 31  
 Float : 6900198 - Cycle : 5 - PI : Jon Turton - Data mode : D - Platform type : PROVOR - WMO inst type : 842 - FLOAT SERIAL : OIN-00-02-34 - Date : 2002 1 26  
 Float : 6900198 - Cycle : 9 - PI : Jon Turton - Data mode : D - Platform type : PROVOR - WMO inst type : 842 - FLOAT SERIAL : OIN-00-02-34 - Date : 2002 3 7



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)

```

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

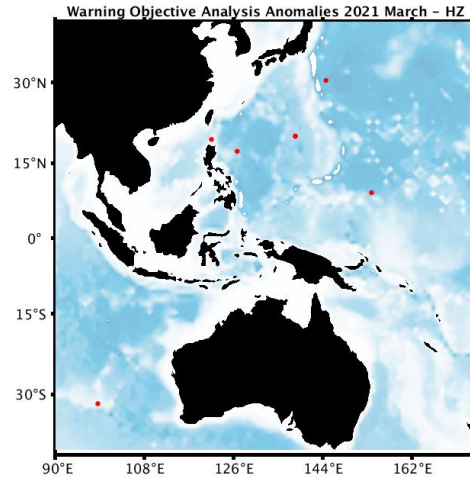
- Mix between RT and DM files: Float 6901181 ex below DM files till cycle 367 but a lot of old cycle in RT (1D, 2D, 3, 3D, 4, ....)

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: 6 profiles (6 floats, but floats can have several cycles with anomalies)

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



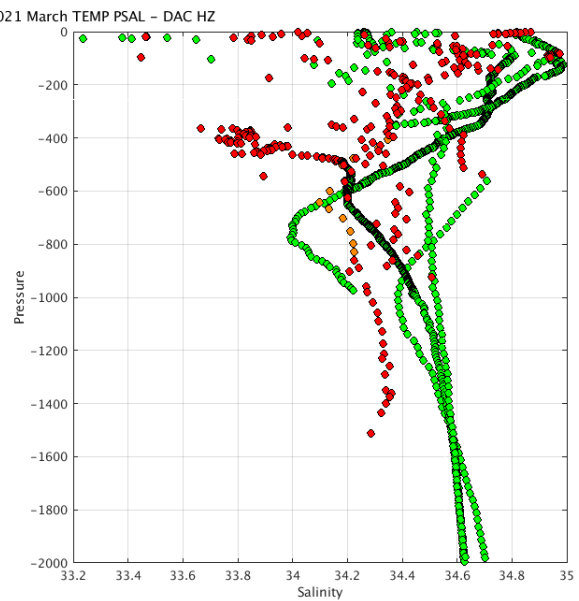
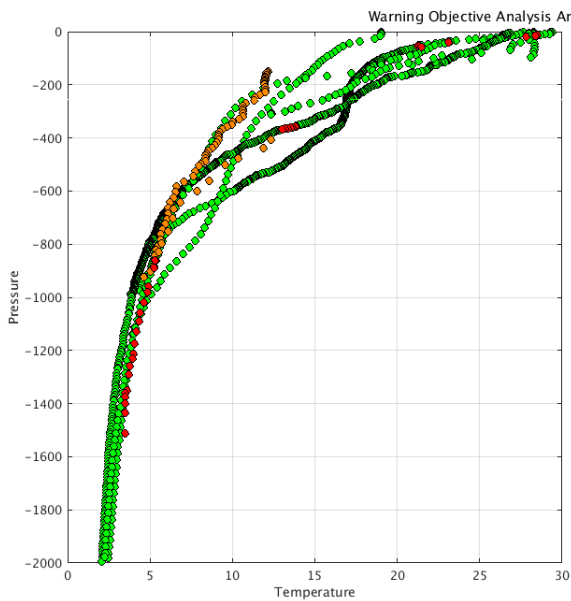
**Status of corrections:** No regular feedback, corrections not always done. Feedback for DM profiles.

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

- Float : 2901558 - Cycle : 149 - PI : Shangping Xie - Data mode : A - Platform type : PROVOR - WMO inst type : 841 - FLOAT SERIAL : OIN-13CH-HPX-09 - Date : 2014 8 23
- Float : 2902670 - Cycle : 76 - PI : DONGLIANG YUAN - Data mode : A - Platform type : HM2000 - WMO inst type : 871 - FLOAT SERIAL : HM2000-2015-0071 - Date : 2015 12 11
- Float : 2902719 - Cycle : 213 - PI : JIANPING XU - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 8249 - Date : 2021 3 6
- Float : 2902803 - Cycle : 7 - PI : FENG ZHOU - Data mode : A - Platform type : PROVOR - WMO inst type : 841 - FLOAT SERIAL : P32800-20CH021 - Date : 2021 3 6

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

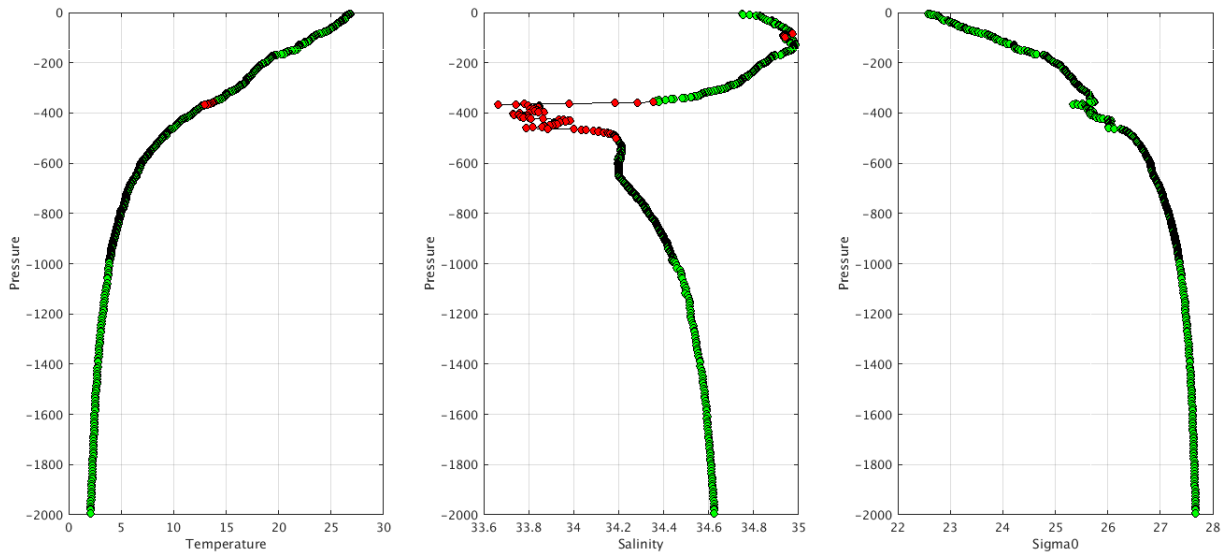
- Float : 2902600 - Cycle : 44 - PI : ZENGHONG LIU - Data mode : D - Platform type : PROVOR - WMO inst type : 841 - FLOAT SERIAL : OIN-13CH-S31-13 - Date : 2015 11 24
- Float : 5900223 - Cycle : 30 - PI : JIANPING XU - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 0886 - Date : 2003 11 24



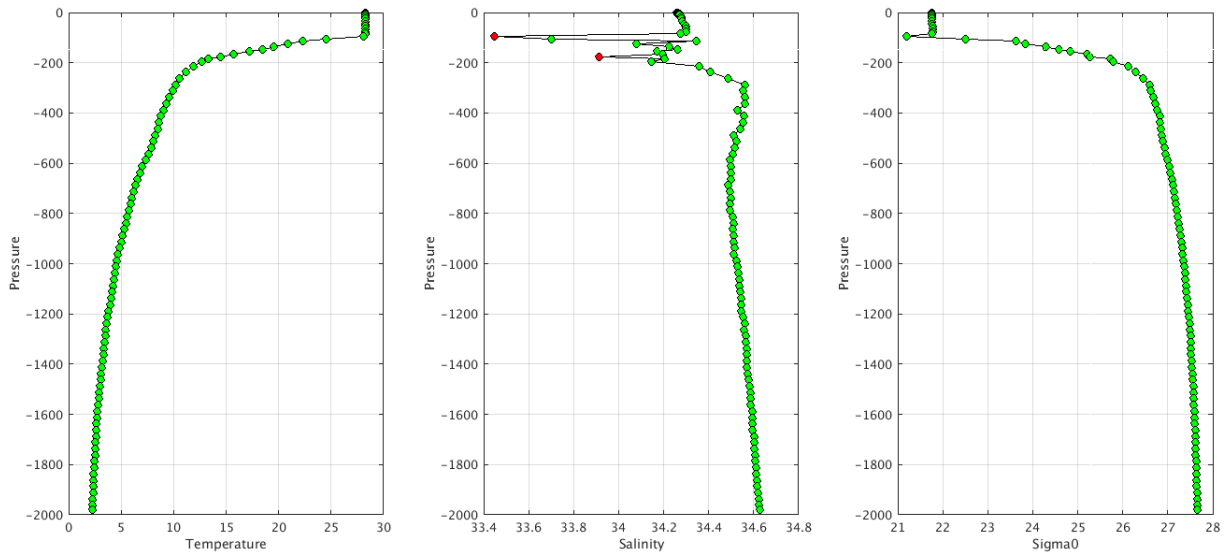
The list of the anomalies can be found at <https://data-argo.ifremer.fr/etc/ObjectiveAnalysisWarning/csio/>

Example of anomalies:

Warning Objective Analysis Anomalies 2021 March TEMP PSAL : DAC HZ- Float 2902719 - 213



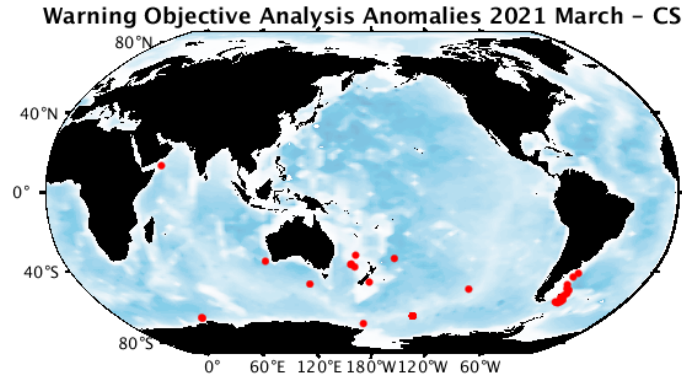
Warning Objective Analysis Anomalies 2021 March TEMP PSAL : DAC HZ- Float 2902803 - 7



#### 4.4. DAC CSIRO

Profiles detected by the objective analysis: 36 profiles (8 floats, but floats can have several cycles with anomalies)

Data_mode ='R'	Data_mode ='A'	Data_mode ='D'
0 cycle	15 cycles	21 cycles



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

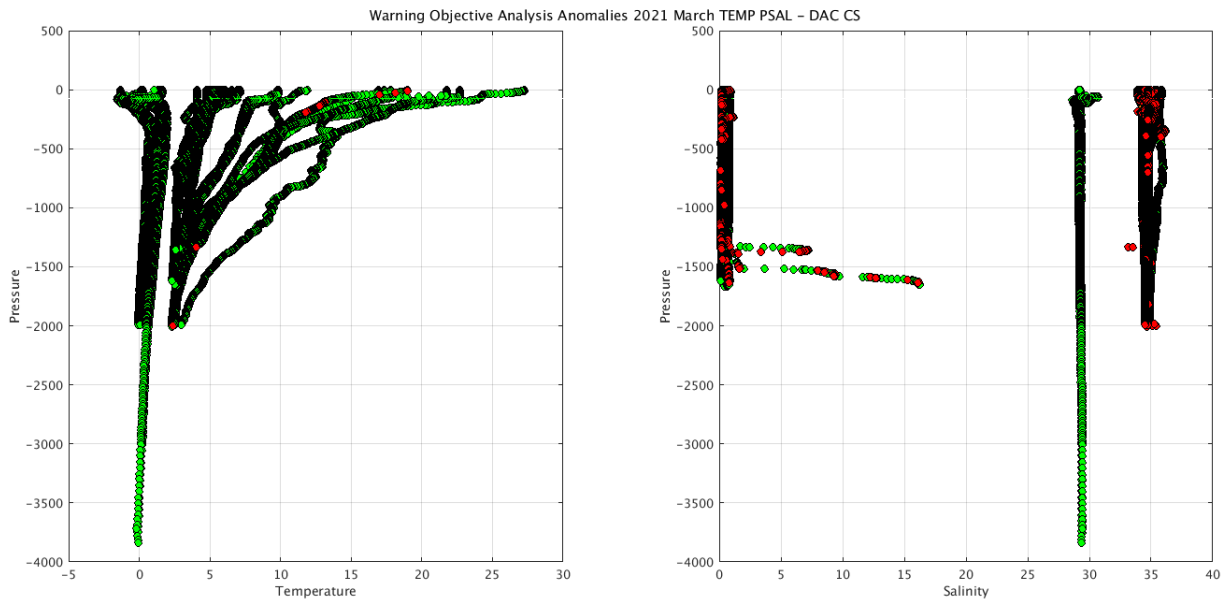
##### Files data\_mode='R' / 'A'

Float : 5905003 - Cycle : 195 - PI : Susan Wijffels - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7414 - Date : 2021 2 28  
 Float : 5905169 - Cycle : 164 - PI : Susan Wijffels - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7606 - Date : 2021 3 8  
 Float : 5905437 - Cycle : 56 - PI : Peter Oke - Data mode : A - Platform type : NAVIS\_EBR - WMO inst type : 869 - FLOAT SERIAL : 1069 - Date : 2021 3 11  
 Float : 5905456 - Cycle : 42 - PI : Peter Oke - Data mode : A - Platform type : NAVIS\_EBR - WMO inst type : 869 - FLOAT SERIAL : 1081 - Date : 2021 3 12  
 Float : 5906625 - Cycle : 4 - PI : Peter Oke - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 9022 - Date : 2021 3 23  
 Float : 7900624 - Cycle : 158 - PI : Steve Rintoul - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7734 - Date : 2021 2 27  
 Float : 7900624 - Cycle : 159 - PI : Steve Rintoul - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7734 - Date : 2021 3 9  
 Float : 7900625 - Cycle : 113 - PI : Steve Rintoul - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 8148 - Date : 2021 3 26  
 Float : 7900628 - Cycle : 111 - PI : Steve Rintoul - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 8151 - Date : 2021 3 24  
 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 : 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

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

Float : 2901853 - Cycle : 168 - PI : Susan Wijffels - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 5932 - Date : 2018 3 23  
 Float : 5901659 - Cycle : 279 - PI : Susan Wijffels - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 3709 - Date : 2015 11 27  
 Float : 5901659 - Cycle : 280 - PI : Susan Wijffels - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 3709 - Date : 2015 12 8  
 Float : 5901659 - Cycle : 299 - PI : Susan Wijffels - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 3709 - Date : 2016 6 15  
 Float : 5903251 - Cycle : 160 - PI : Susan Wijffels - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 4714 - Date : 2014 5 27  
 Float : 7900620 - Cycle : 147 - PI : Steve Rintoul - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7739 - Date : 2020 4 2  
 Float : 7900620 - Cycle : 148 - PI : Steve Rintoul - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7739 - Date : 2020 4 12  
 Float : 7900620 - Cycle : 149 - PI : Steve Rintoul - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7739 - Date : 2020 4 22  
 Float : 7900620 - Cycle : 150 - PI : Steve Rintoul - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7739 - Date : 2020 5 2  
 Float : 7900620 - Cycle : 151 - PI : Steve Rintoul - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7739 - Date : 2020 5 12  
 Float : 7900620 - Cycle : 152 - PI : Steve Rintoul - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7739 - Date : 2020 5 21  
 Float : 7900620 - Cycle : 153 - PI : Steve Rintoul - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7739 - Date : 2020 5 31  
 Float : 7900620 - Cycle : 154 - PI : Steve Rintoul - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7739 - Date : 2020 6 10  
 Float : 7900620 - Cycle : 155 - PI : Steve Rintoul - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7739 - Date : 2020 6 20  
 Float : 7900620 - Cycle : 156 - PI : Steve Rintoul - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7739 - Date : 2020 6 30  
 Float : 7900620 - Cycle : 157 - PI : Steve Rintoul - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7739 - Date : 2020 7 9  
 Float : 7900620 - Cycle : 158 - PI : Steve Rintoul - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7739 - Date : 2020 7 19  
 Float : 7900620 - Cycle : 159 - PI : Steve Rintoul - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7739 - Date : 2020 7 29  
 Float : 7900620 - Cycle : 160 - PI : Steve Rintoul - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7739 - Date : 2020 8 8  
 Float : 7900620 - Cycle : 162 - PI : Steve Rintoul - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7739 - Date : 2020 8 27  
 Float : 7900620 - Cycle : 163 - PI : Steve Rintoul - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7739 - Date : 2020 9 6

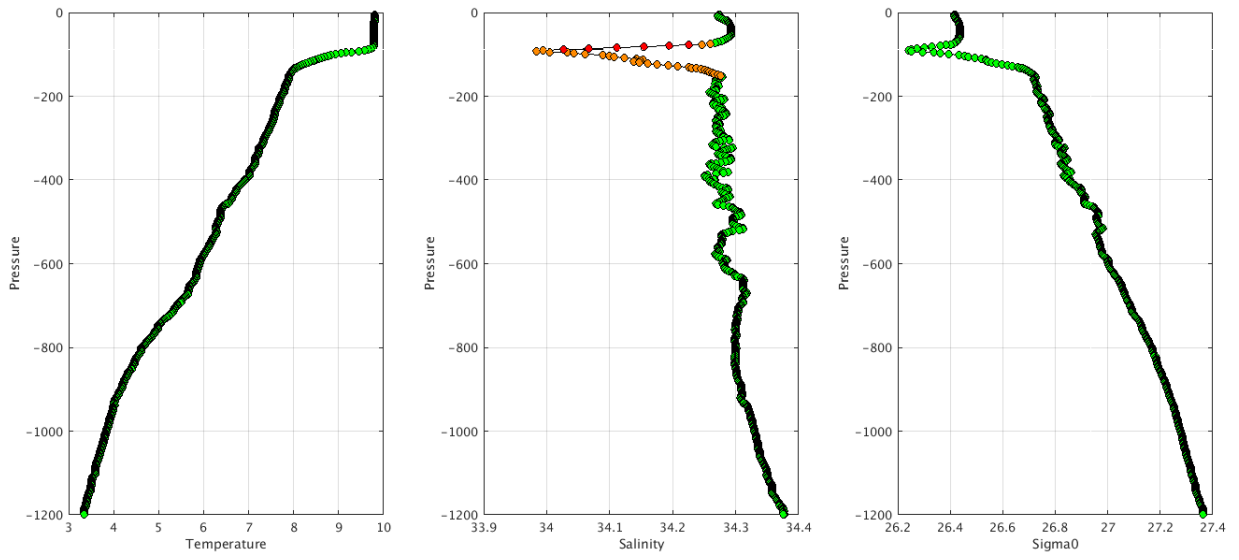




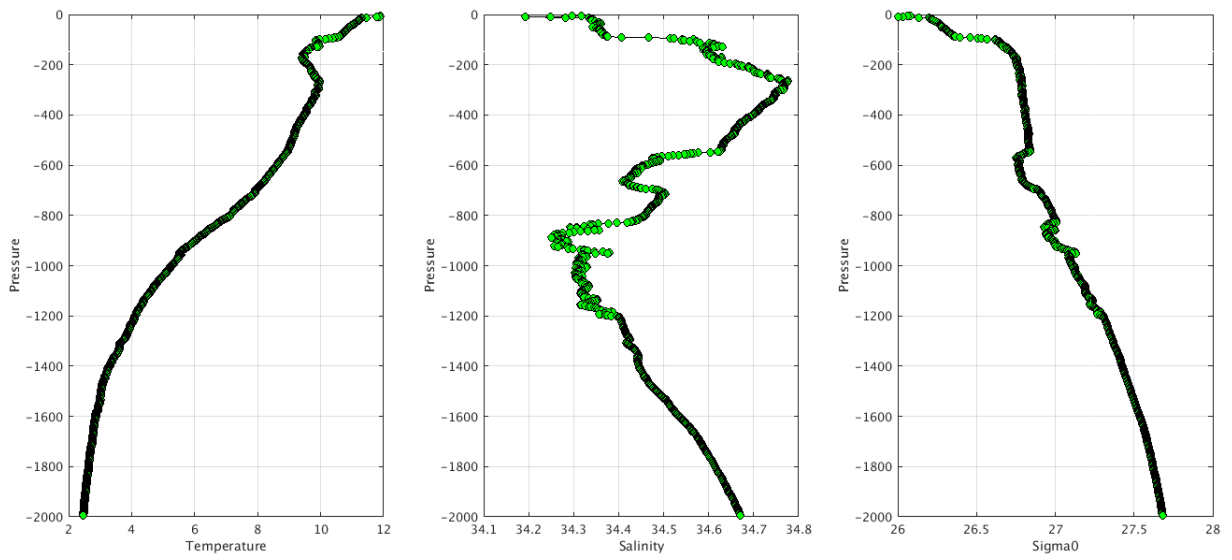
The list of the anomalies can be found at <https://data-argo.ifremer.fr/etc/ObjectiveAnalysisWarning/csiro/>

Example of anomalies:

Warning Objective Analysis Anomalies 2021 March TEMP PSAL : DAC CS- Float 5903251 - 160



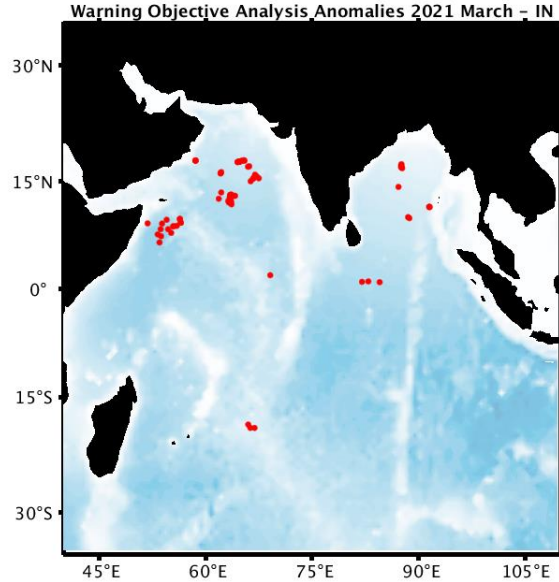
Warning Objective Analysis Anomalies 2021 March TEMP PSAL : DAC CS- Float 5906625 - 4



#### 4.5. DAC INCOIS

Profiles detected by the objective analysis: 72 profiles (15 floats, but floats can have several cycles with anomalies)

Data_mode ='R'	Data_mode ='A'	Data_mode ='D'
64 cycles	34 cycles	21 cycles



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

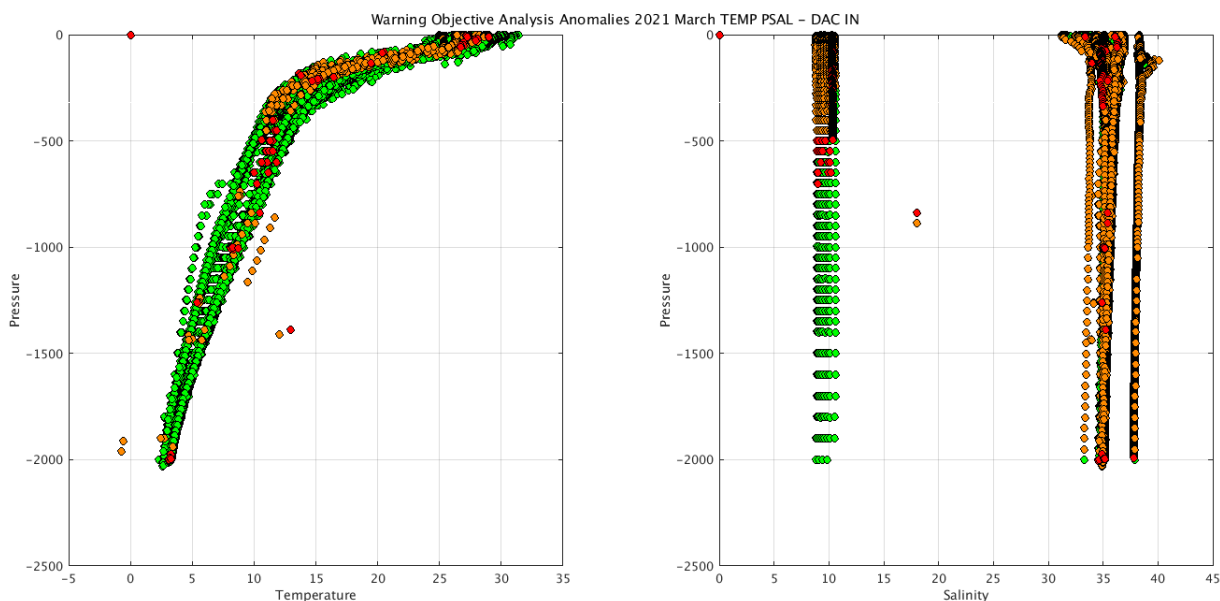
##### **Files data\_mode='R'/'A'**

Float : 2901325 - Cycle : 118 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 4726 - Date : 2014	8	12
Float : 2902185 - Cycle : 196 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7530 - Date : 2021	2	27
Float : 2902185 - Cycle : 197 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7530 - Date : 2021	3	9
Float : 2902185 - Cycle : 198 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7530 - Date : 2021	3	19
Float : 2902199 - Cycle : 229 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7552 - Date : 2021	1	3
Float : 2902199 - Cycle : 231 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7552 - Date : 2021	1	23
Float : 2902199 - Cycle : 233 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7552 - Date : 2021	2	11
Float : 2902199 - Cycle : 234 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7552 - Date : 2021	2	21
Float : 2902199 - Cycle : 235 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7552 - Date : 2021	3	3
Float : 2902199 - Cycle : 237 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7552 - Date : 2021	3	23
Float : 2902201 - Cycle : 183 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7542 - Date : 2021	3	1
Float : 2902201 - Cycle : 184 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7542 - Date : 2021	3	11
Float : 2902201 - Cycle : 185 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7542 - Date : 2021	3	21
Float : 2902205 - Cycle : 267 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7549 - Date : 2020	12	8
Float : 2902205 - Cycle : 271 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7549 - Date : 2021	1	17
Float : 2902209 - Cycle : 141 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7826 - Date : 2020	7	4
Float : 2902209 - Cycle : 157 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7826 - Date : 2020	12	7
Float : 2902209 - Cycle : 158 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7826 - Date : 2020	12	17
Float : 2902209 - Cycle : 159 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7826 - Date : 2020	12	27
Float : 2902209 - Cycle : 160 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7826 - Date : 2021	1	6
Float : 2902209 - Cycle : 161 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7826 - Date : 2021	1	16
Float : 2902209 - Cycle : 162 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7826 - Date : 2021	1	26
Float : 2902209 - Cycle : 163 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7826 - Date : 2021	2	5
Float : 2902209 - Cycle : 164 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7826 - Date : 2021	2	14
Float : 2902209 - Cycle : 165 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7826 - Date : 2021	2	24
Float : 2902209 - Cycle : 194 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7826 - Date : 2021	3	6
Float : 2902209 - Cycle : 167 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7826 - Date : 2021	3	16
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 : 2902211 - Cycle : 192 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7827 - Date : 2020	12	18
Float : 2902211 - Cycle : 196 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7827 - Date : 2021	1	7
Float : 2902211 - Cycle : 197 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7827 - Date : 2021	2	6
Float : 2902211 - Cycle : 199 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7827 - Date : 2021	2	26
Float : 2902211 - Cycle : 200 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7827 - Date : 2021	3	8
Float : 2902211 - Cycle : 201 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7827 - Date : 2021	3	18
Float : 2902211 - Cycle : 202 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7827 - Date : 2021	3	28
Float : 2902230 - Cycle : 350 - PI : M Ravichandran - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 17003 - Date : 2020	12	19
Float : 2902235 - Cycle : 367 - PI : M Ravichandran - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 17007 - Date : 2021	3	19

Float : 2902235 - Cycle : 368 - PI : M Ravichandran - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 17007 - Date : 2021 3 24  
 Float : 2902235 - Cycle : 369 - PI : M Ravichandran - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 17007 - Date : 2021 3 29  
 Float : 2902236 - Cycle : 270 - PI : M Ravichandran - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 17008 - Date : 2021 2 28  
 Float : 2902236 - Cycle : 271 - PI : M Ravichandran - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 17008 - Date : 2021 3 5  
 Float : 2902236 - Cycle : 273 - PI : M Ravichandran - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 17008 - Date : 2021 3 15  
 Float : 2902236 - Cycle : 274 - PI : M Ravichandran - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 17008 - Date : 2021 3 20  
 Float : 2902236 - Cycle : 275 - PI : M Ravichandran - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 17008 - Date : 2021 3 25  
 Float : 2902236 - Cycle : 276 - PI : M Ravichandran - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 17008 - Date : 2021 3 30  
 Float : 2902255 - Cycle : 186 - PI : M Ravichandran - Data mode : A - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 17108 - Date : 2020 4 5  
 Float : 2902268 - Cycle : 77 - PI : M Ravichandran - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 18004 - Date : 2021 3 2  
 Float : 2902268 - Cycle : 78 - PI : M Ravichandran - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 18004 - Date : 2021 3 12  
 Float : 2902268 - Cycle : 79 - PI : M Ravichandran - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 18004 - Date : 2021 3 22  
 Float : 2902291 - Cycle : 0 - PI : M Ravichandran - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 18019 - Date : 2021 3 5  
 Float : 2902291 - Cycle : 1 - PI : M Ravichandran - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 18019 - Date : 2021 3 10

**Files data mode='D'**

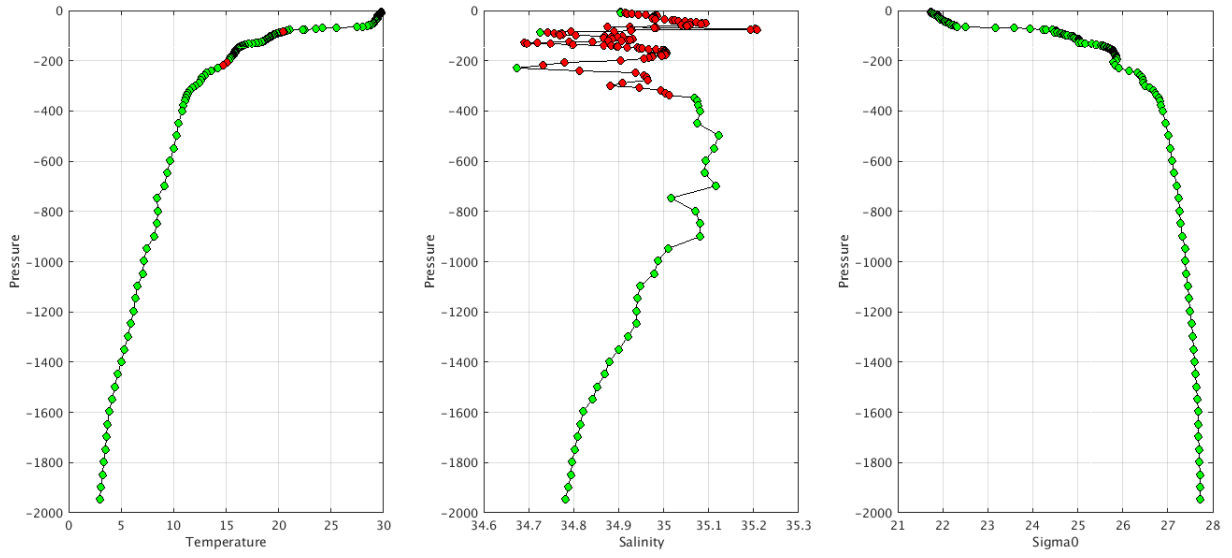
Float : 2900338 - Cycle : 12 - PI : M Ravichandran - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 1280 - Date : 2004 6 27  
 Float : 2900338 - Cycle : 26 - PI : M Ravichandran - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 1280 - Date : 2004 9 5  
 Float : 2900338 - Cycle : 38 - PI : M Ravichandran - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 1280 - Date : 2004 11 4  
 Float : 2900338 - Cycle : 39 - PI : M Ravichandran - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 1280 - Date : 2004 11 9  
 Float : 2900338 - Cycle : 42 - PI : M Ravichandran - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 1280 - Date : 2004 11 24  
 Float : 2900338 - Cycle : 43 - PI : M Ravichandran - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 1280 - Date : 2004 11 29  
 Float : 2900338 - Cycle : 44 - PI : M Ravichandran - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 1280 - Date : 2004 12 4  
 Float : 2900338 - Cycle : 45 - PI : M Ravichandran - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 1280 - Date : 2004 12 9  
 Float : 2900338 - Cycle : 46 - PI : M Ravichandran - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 1280 - Date : 2004 12 14  
 Float : 2900338 - Cycle : 47 - PI : M Ravichandran - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 1280 - Date : 2004 12 19  
 Float : 2900338 - Cycle : 48 - PI : M Ravichandran - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 1280 - Date : 2004 12 24  
 Float : 2900338 - Cycle : 49 - PI : M Ravichandran - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 1280 - Date : 2004 12 29  
 Float : 2900338 - Cycle : 51 - PI : M Ravichandran - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 1280 - Date : 2005 1 8  
 Float : 2900338 - Cycle : 56 - PI : M Ravichandran - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 1280 - Date : 2005 2 2  
 Float : 2900338 - Cycle : 57 - PI : M Ravichandran - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 1280 - Date : 2005 2 7  
 Float : 2900338 - Cycle : 58 - PI : M Ravichandran - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 1280 - Date : 2005 2 12  
 Float : 2900338 - Cycle : 61 - PI : M Ravichandran - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 1280 - Date : 2005 2 27  
 Float : 2900338 - Cycle : 62 - PI : M Ravichandran - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 1280 - Date : 2005 3 4  
 Float : 2902111 - Cycle : 100 - PI : M Ravichandran - Data mode : D - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 1315 - Date : 2016 4 14  
 Float : 2902111 - Cycle : 102 - PI : M Ravichandran - Data mode : D - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 1315 - Date : 2016 5 4  
 Float : 2902111 - Cycle : 99 - PI : M Ravichandran - Data mode : D - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 1315 - Date : 2016 4 4



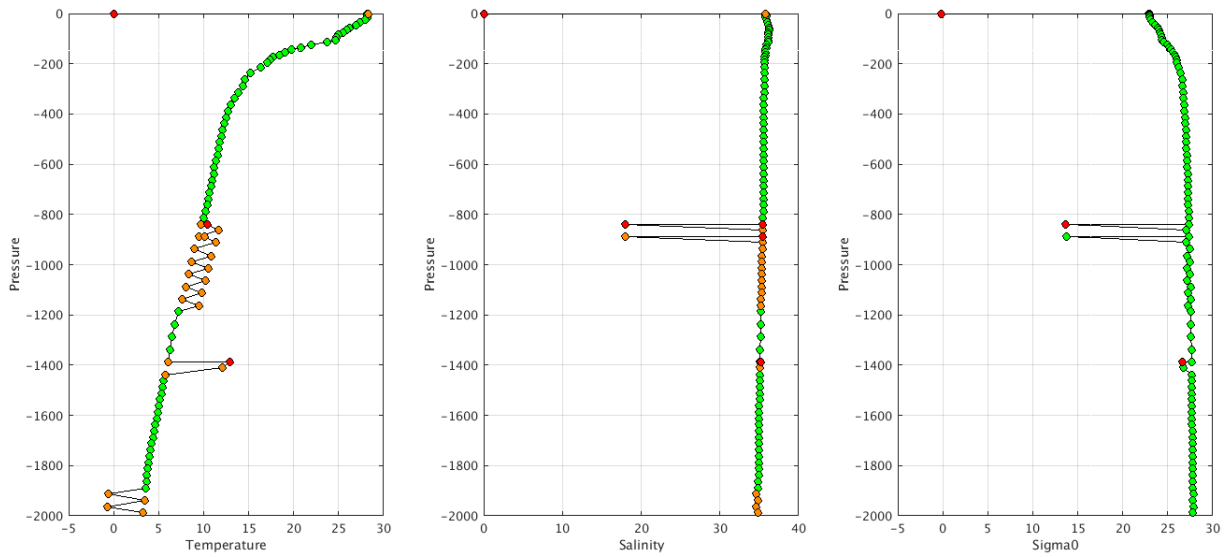
The list of the anomalies can be found at <https://data-argo.ifremer.fr/etc/ObjectiveAnalysisWarning/incois/>

Example of anomalies:

Warning Objective Analysis Anomalies 2021 March TEMP PSAL : DAC IN- Float 2901325 - 118



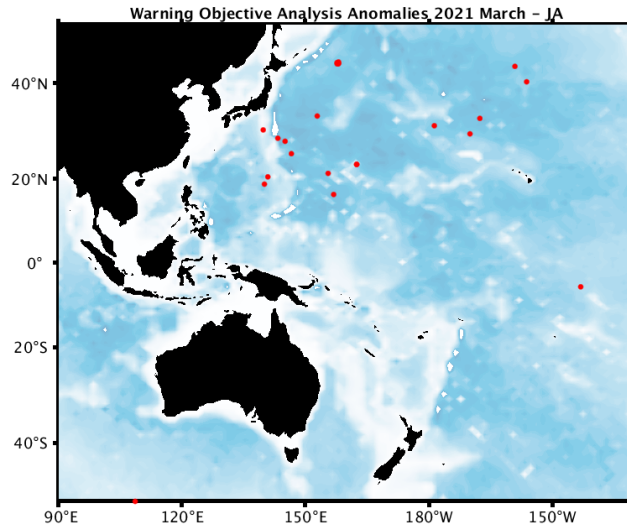
Warning Objective Analysis Anomalies 2021 March TEMP PSAL : DAC IN- Float 2902255 - 186



#### 4.6. DAC JMA/JAMSTEC

Profiles detected by the objective analysis: 24 profiles (17 floats, but floats can have several cycles with anomalies)

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



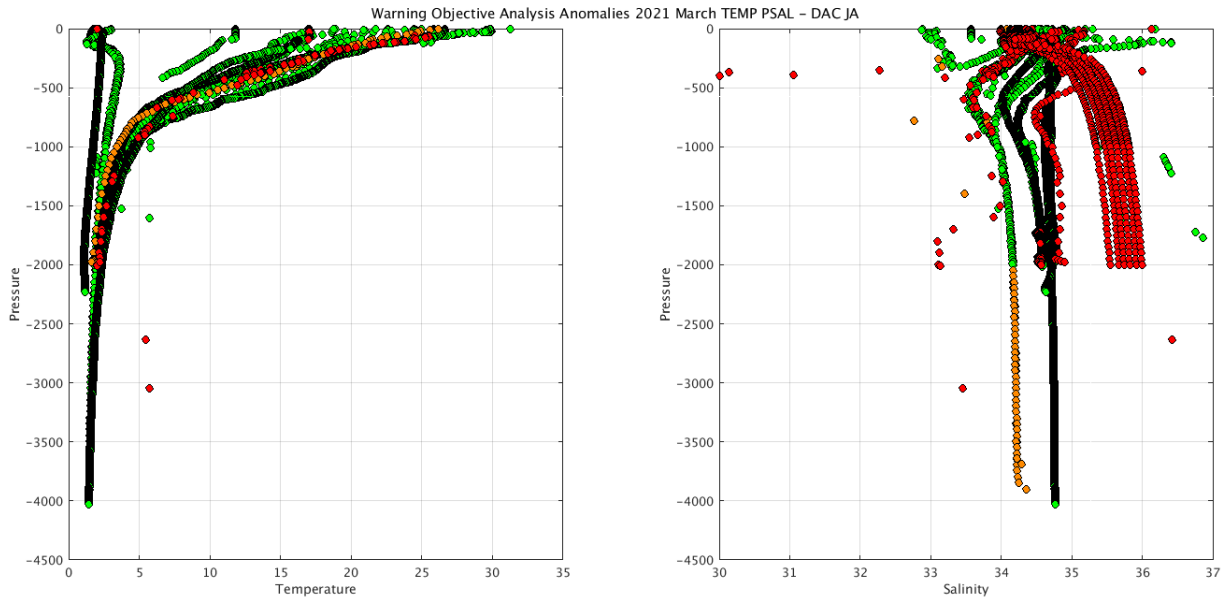
#### Status of corrections: Correction in progress, feedbacks each month

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

Float : 2902525 - Cycle : 278 - PI : JAMSTEC - Data mode : A - Platform type : NAVIS\_A - WMO inst type : 863 - FLOAT SERIAL : 0352 - Date : 2020 9 2  
 Float : 2903212 - Cycle : 116 - PI : JAMSTEC - Data mode : R - Platform type : APEX\_D - WMO inst type : 849 - FLOAT SERIAL : 29 - Date : 2021 3 2  
 Float : 2903212 - Cycle : 117 - PI : JAMSTEC - Data mode : R - Platform type : APEX\_D - WMO inst type : 849 - FLOAT SERIAL : 29 - Date : 2021 3 11  
 Float : 2903361 - Cycle : 143 - PI : JMA - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : AK1000-18JP001 - Date : 2021 2 27  
 Float : 2903361 - Cycle : 144 - PI : JMA - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : AK1000-18JP001 - Date : 2021 3 4  
 Float : 2903361 - Cycle : 145 - PI : JMA - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : AK1000-18JP001 - Date : 2021 3 9  
 Float : 2903361 - Cycle : 146 - PI : JMA - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : AK1000-18JP001 - Date : 2021 3 14  
 Float : 2903361 - Cycle : 147 - PI : JMA - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : AK1000-18JP001 - Date : 2021 3 19  
 Float : 2903361 - Cycle : 148 - PI : JMA - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : AK1000-18JP001 - Date : 2021 3 24  
 Float : 2903618 - Cycle : 39 - PI : JMA - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : AK1000-19JP001 - Date : 2020 9 16  
 Float : 5905842 - Cycle : 68 - PI : JAMSTEC - Data mode : R - Platform type : APEX\_D - WMO inst type : 849 - FLOAT SERIAL : 41 - Date : 2021 2 25  
 Float : 7900864 - Cycle : 86 - PI : JAMSTEC - Data mode : R - Platform type : APEX\_D - WMO inst type : 849 - FLOAT SERIAL : 36 - Date : 2021 3 14

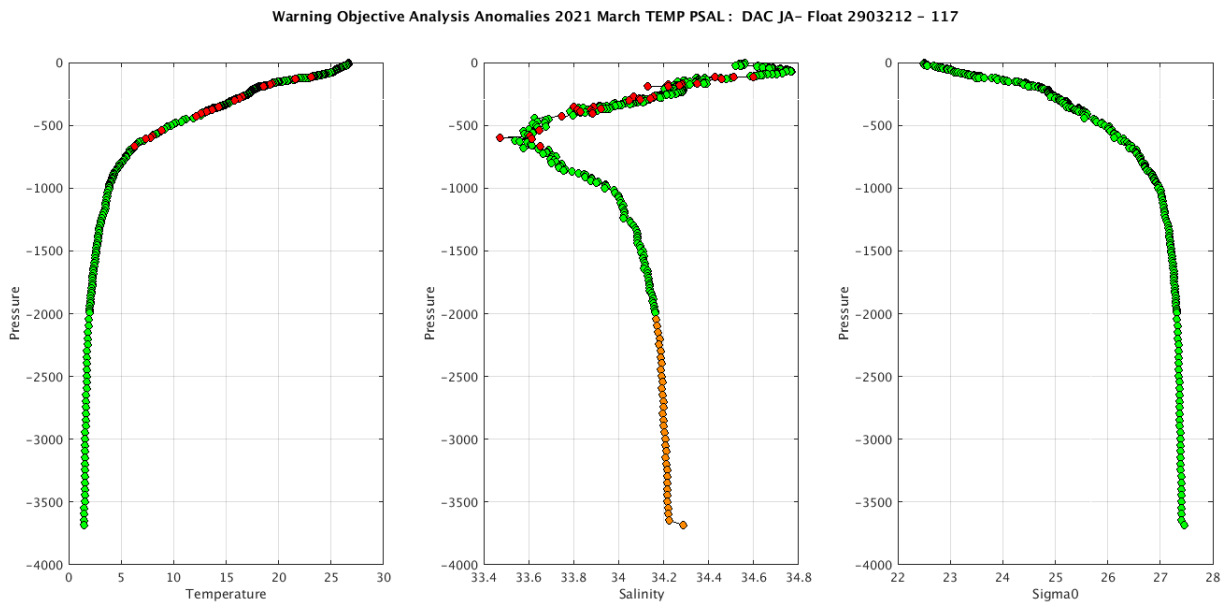
##### Files data\_mode='D'

Float : 21852 - Cycle : 168 - PI : Koichi ISHIKAWA - Data mode : D - Platform type : PALACE - WMO inst type : 847 - FLOAT SERIAL : 107 - Date : 2003 6 9  
 Float : 29000 - Cycle : 165 - PI : Nobuyuki SHIKAMA - Data mode : D - Platform type : PALACE - WMO inst type : 846 - FLOAT SERIAL : 134 - Date : 2005 2 14  
 Float : 29014 - Cycle : 236 - PI : Nobuyuki SHIKAMA - Data mode : D - Platform type : PALACE - WMO inst type : 847 - FLOAT SERIAL : 57 - Date : 2000 7 7  
 Float : 29035 - Cycle : 5 - PI : JAMSTEC - Data mode : D - Platform type : APEX - WMO inst type : 847 - FLOAT SERIAL : 131 - Date : 2000 12 9  
 Float : 2900360 - Cycle : 84 - PI : Tomowo Watanabe - Data mode : D - Platform type : PALACE - WMO inst type : 845 - FLOAT SERIAL : n/a - Date : 2004 3 16  
 Float : 2900360 - Cycle : 85 - PI : Tomowo Watanabe - Data mode : D - Platform type : PALACE - WMO inst type : 845 - FLOAT SERIAL : n/a - Date : 2004 4 15  
 Float : 2902965 - Cycle : 25 - PI : JMA - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7166 - Date : 2016 6 6  
 Float : 4900388 - Cycle : 39 - PI : JAMSTEC - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 922 - Date : 2004 7 5  
 Float : 4900392 - Cycle : 15 - PI : JAMSTEC - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 918 - Date : 2003 11 12  
 Float : 4902137 - Cycle : 24 - PI : JAMSTEC - Data mode : D - Platform type : NAVIS\_A - WMO inst type : 863 - FLOAT SERIAL : 0355 - Date : 2015 3 8  
 Float : 5900295 - Cycle : 56 - PI : JAMSTEC - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 777 - Date : 2004 8 5  
 Float : 5900297 - Cycle : 21 - PI : JAMSTEC - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 779 - Date : 2003 8 23



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

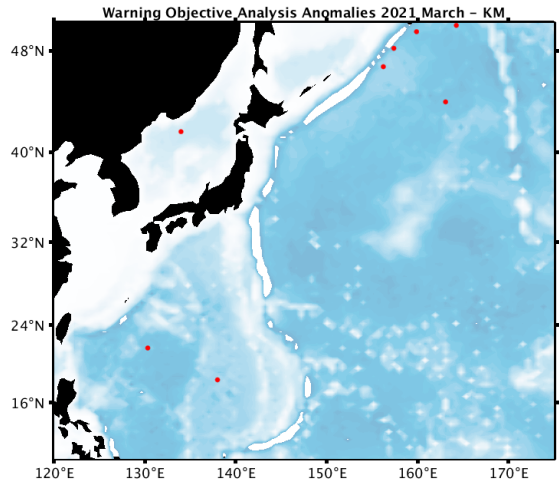
Example of anomalies:



4.7. DAC KMA

Profiles detected by the objective analysis: 8 profiles (6 floats – float can have several cycles with anomalies)

Data_mode ='R'	Data_mode ='A'	Data_mode ='D'
4 cycles	1 cycle	3 cycles



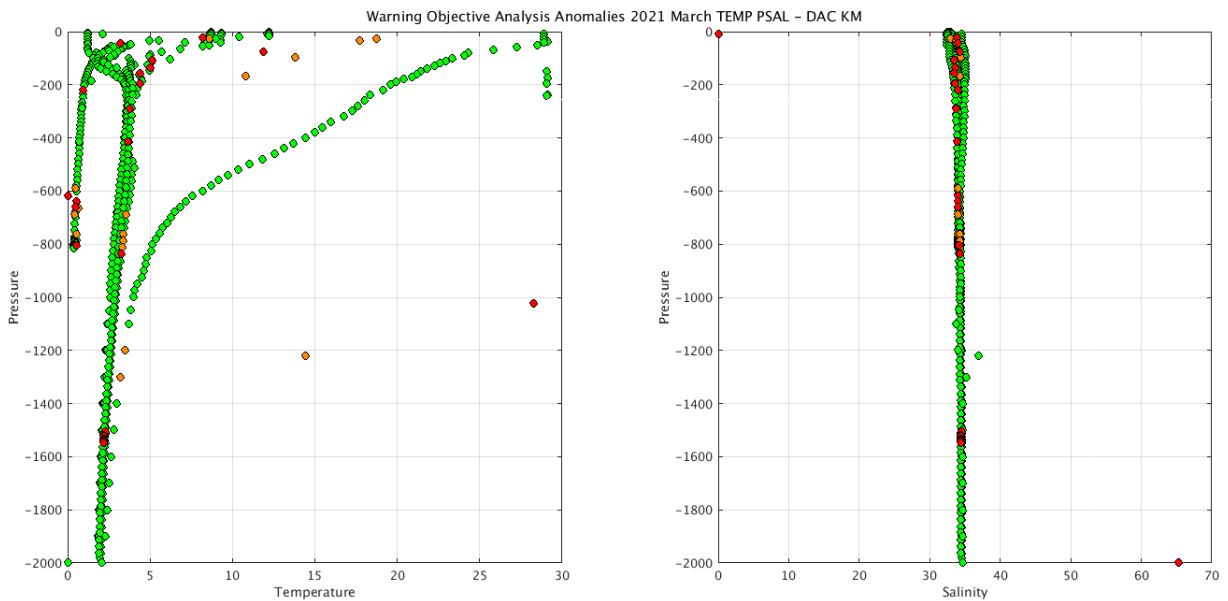
**Status of corrections: No feedback.**

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

- Float : 2901696 - Cycle : 75 - PI : Sang-Boom Ryoo - Data mode : R - INST REF : ARVOR Profiling Float - Date : 2014 11 10
- Float : 2901716 - Cycle : 111 - PI : Young-Hwa Kim - Data mode : R - INST REF : APEX Profiling Float - Date : 2016 8 18
- Float : 2901716 - Cycle : 117 - PI : Young-Hwa Kim - Data mode : R - INST REF : APEX Profiling Float - Date : 2016 10 17
- Float : 2901716 - Cycle : 129 - PI : Young-Hwa Kim - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : n/a - Date : 2017 2 14
- Float : 2901728 - Cycle : 1 - PI : youngsoo Jeon - Data mode : R - INST REF : ARVOR Profiling Float - Date : 2014 8 6

Files data\_mode='D'

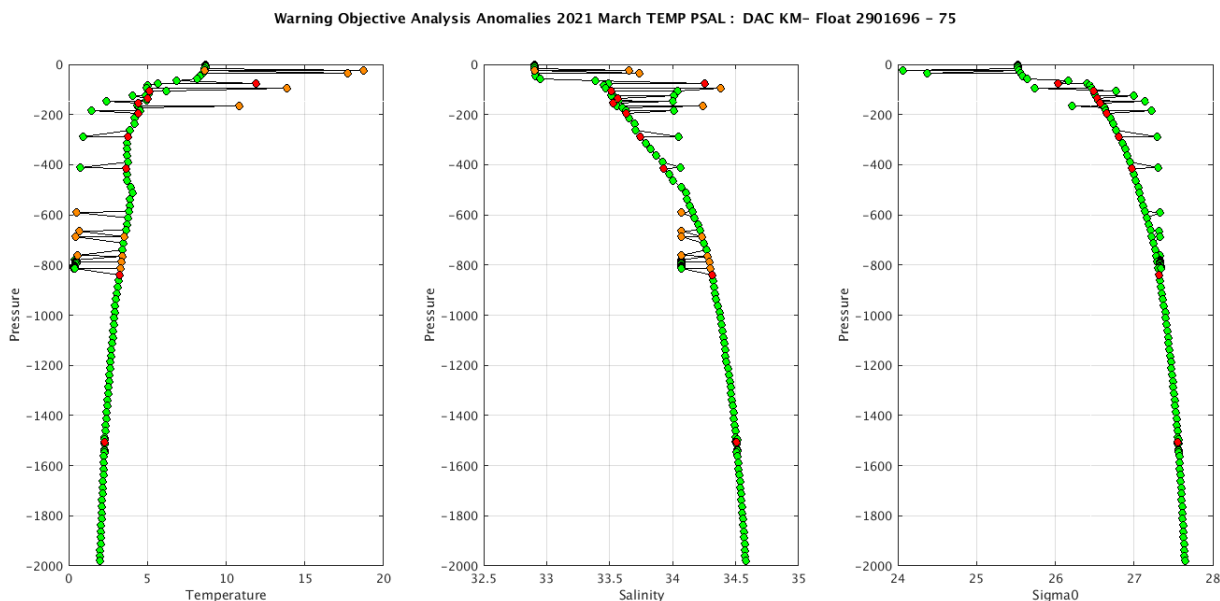
- Float : 2900306 - Cycle : 26 - PI : Yong-Hoon Youn - Data mode : D - INST REF : APEX-SBE 1200 - Date : 2004 7 3
- Float : 2900901 - Cycle : 315 - PI : Jang-Won Seo - Data mode : D - INST REF : APEX-SBE 3686 - Date : 2014 6 3
- Float : 5900189 - Cycle : 36 - PI : Yong-Hoon Youn - Data mode : D - INST REF : APEX-SBE 629 - Date : 2003 9 11





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'**

- Error on salinity\_adjusted error 0.000 ??

Float 2901233 Cycle 53 - Cycle 92 , cycle 128 | Float 2901238 cycle 81

PSAL\_ADJUSTED\_ERROR =  
\_, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000,

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

```
D2900171_002.nc D2900171_010.nc D2900171_018.nc D2900171_028.nc D2900171_036.nc D2900171_044.nc D2900171_052.nc D2900171_060.nc D2900171_068.nc
D2900171_003.nc D2900171_011.nc D2900171_019.nc D2900171_029.nc D2900171_037.nc D2900171_045.nc D2900171_053.nc D2900171_061.nc D2900171_069.nc
D2900171_004.nc D2900171_012.nc D2900171_020.nc D2900171_030.nc D2900171_038.nc D2900171_046.nc D2900171_054.nc D2900171_062.nc D2900171_070.nc
D2900171_005.nc D2900171_013.nc D2900171_021.nc D2900171_031.nc D2900171_039.nc D2900171_047.nc D2900171_055.nc D2900171_063.nc D2900171_071.nc
D2900171_006.nc D2900171_014.nc D2900171_022.nc D2900171_032.nc D2900171_040.nc D2900171_048.nc D2900171_056.nc D2900171_064.nc R2900171_001.nc
D2900171_007.nc D2900171_015.nc D2900171_023.nc D2900171_033.nc D2900171_041.nc D2900171_049.nc D2900171_057.nc D2900171_065.nc R2900171_024.nc
D2900171_008.nc D2900171_016.nc D2900171_026.nc D2900171_034.nc D2900171_042.nc D2900171_050.nc D2900171_058.nc D2900171_066.nc R2900171_025.nc
D2900171_009.nc D2900171_017.nc D2900171_027.nc D2900171_035.nc D2900171_043.nc D2900171_051.nc D2900171_059.nc D2900171_067.nc
```

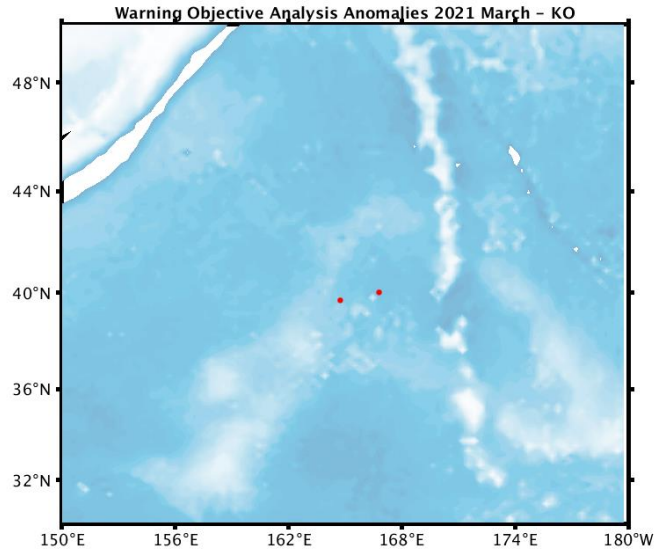
- Mix of RT and DM files and strange values (Float\_wmo, Cycle, Data\_state\_indicator, Parameter, Value, QC)

```
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: 2 profiles (1 float – float can have several cycles with anomalies)

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

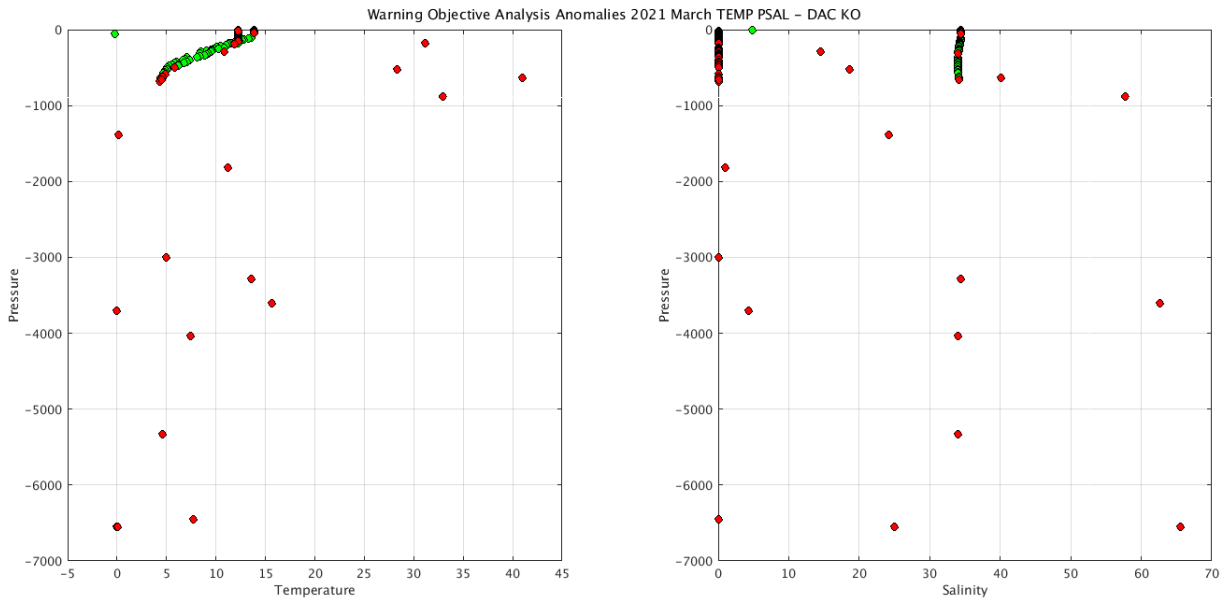


**Status of corrections: No feedback.**

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

Float : 2900784 - Cycle : 315 - PI : Moon-Sik Suk - Data mode : A - INST REF : APEX-SBE 2487 - Date : 2015 1 29  
 Float : 2900784 - Cycle : 350 - PI : Moon-Sik Suk - Data mode : A - INST REF : APEX-SBE 2487 - Date : 2016 1 14

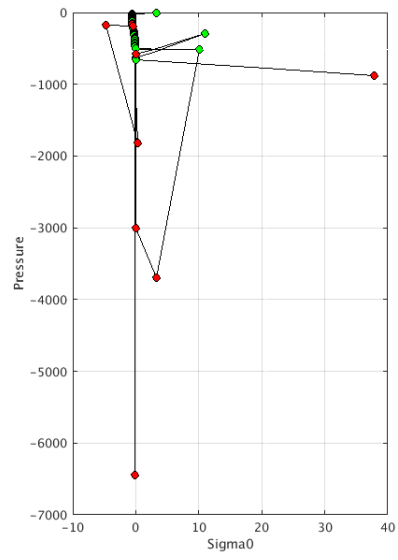
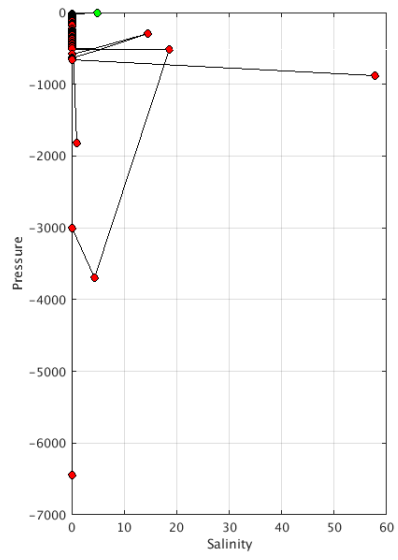
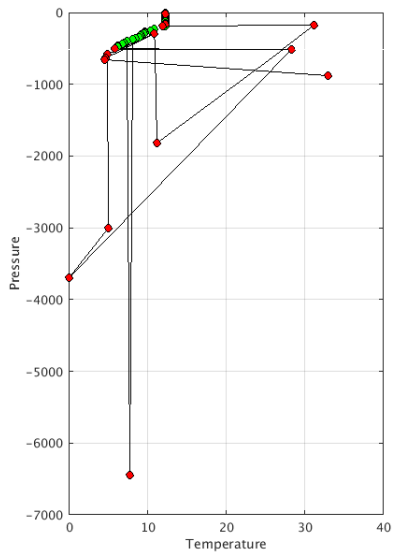
**Files data\_mode='D'**



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

Example of anomalies:

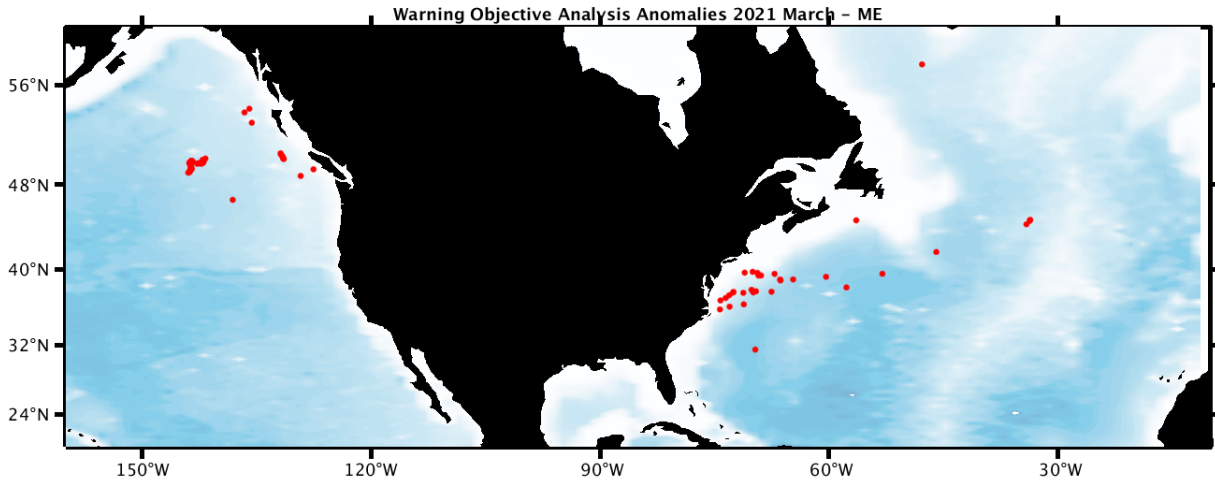
Warning Objective Analysis Anomalies 2021 March TEMP PSAL: DAC KO- Float 2900784 - 350



#### 4.9. DAC MEDS

Profiles detected by the objective analysis: 78 profiles (13 floats, but floats can have several cycles with anomalies)

Data_mode ='R'	Data_mode ='A'	Data_mode ='D'
1 cycle	8 cycles	69 cycles



**Status of corrections: In progress.**

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

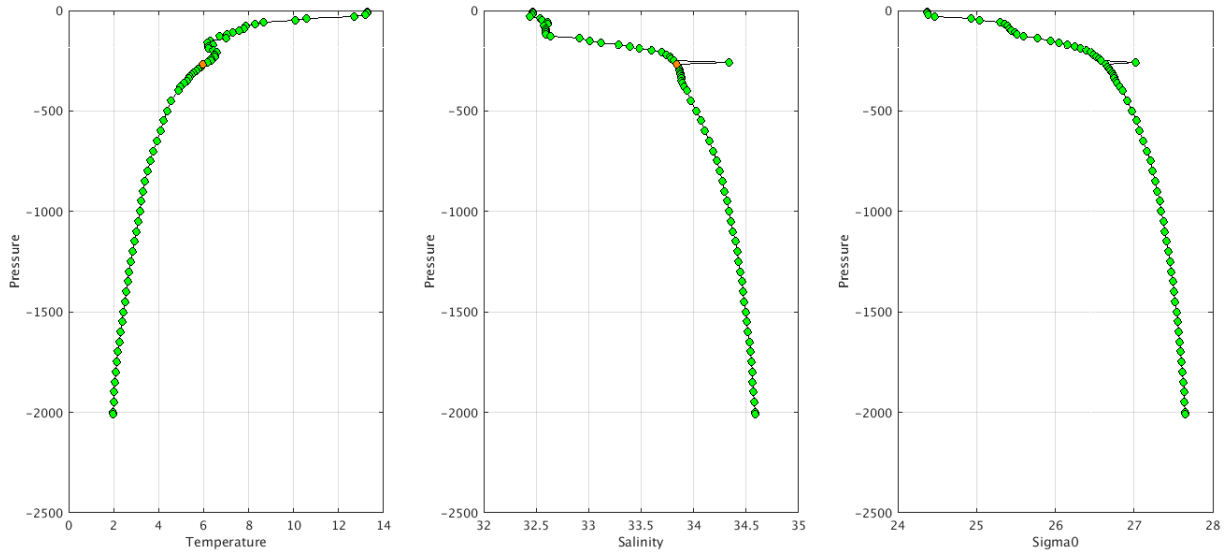
Float : 4902402 - Cycle : 145 - PI : Blair Greenan - Data mode : A - Platform type : NOVA - WMO inst type : 865 - FLOAT SERIAL : 438 - Date : 2021 2 7  
 Float : 4902402 - Cycle : 146 - PI : Blair Greenan - Data mode : A - Platform type : NOVA - WMO inst type : 865 - FLOAT SERIAL : 438 - Date : 2021 2 17  
 Float : 4902402 - Cycle : 147 - PI : Blair Greenan - Data mode : A - Platform type : NOVA - WMO inst type : 865 - FLOAT SERIAL : 438 - Date : 2021 2 27  
 Float : 4902402 - Cycle : 148 - PI : Blair Greenan - Data mode : A - Platform type : NOVA - WMO inst type : 865 - FLOAT SERIAL : 438 - Date : 2021 3 9  
 Float : 4902402 - Cycle : 149 - PI : Blair Greenan - Data mode : A - Platform type : NOVA - WMO inst type : 865 - FLOAT SERIAL : 438 - Date : 2021 3 19  
 Float : 4902402 - Cycle : 150 - PI : Blair Greenan - Data mode : A - Platform type : NOVA - WMO inst type : 865 - FLOAT SERIAL : 438 - Date : 2021 3 29  
 Float : 4902410 - Cycle : 148 - PI : Blair Greenan - Data mode : A - Platform type : NOVA - WMO inst type : 865 - FLOAT SERIAL : 446 - Date : 2021 3 7  
 Float : 4902410 - Cycle : 152 - PI : Blair Greenan - Data mode : A - Platform type : NOVA - WMO inst type : 865 - FLOAT SERIAL : 446 - Date : 2021 3 17  
 Float : 4902470 - Cycle : 70 - PI : Blair Greenan - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 260018CA14 - Date : 2021 3 13

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

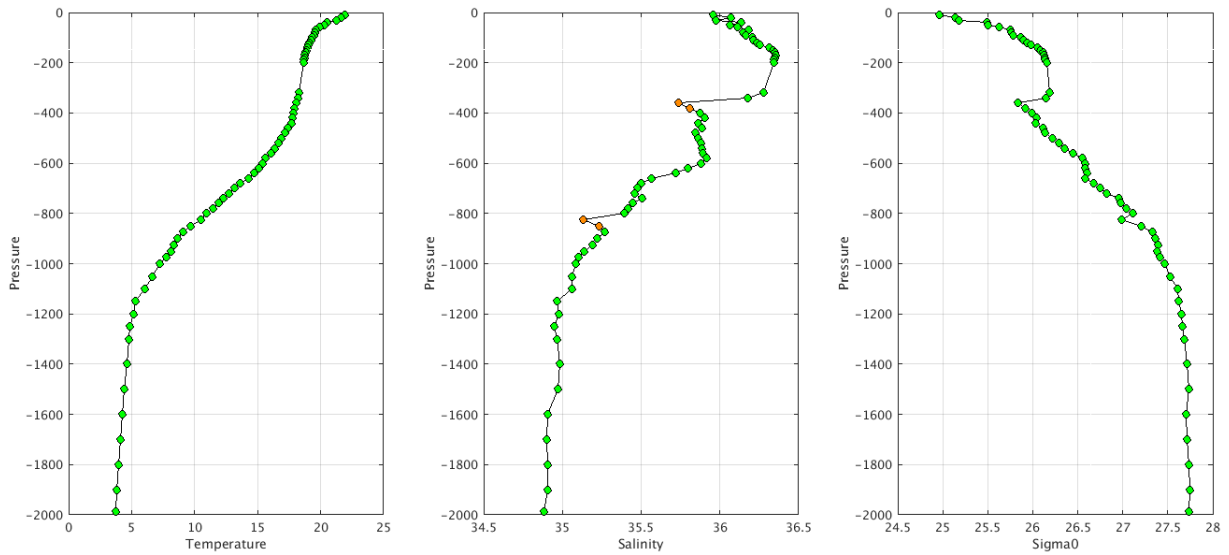
Float : 4900117 - Cycle : 14 - PI : Blair Greenan - Data mode : D - Platform type : APEX-SBE - WMO inst type : 846 - FLOAT SERIAL : 318 - Date : 2002 7 8  
 Float : 4900254 - Cycle : 59 - PI : Blair Greenan - Data mode : D - Platform type : APEX-SBE - WMO inst type : 846 - FLOAT SERIAL : 948 - Date : 2005 1 8  
 Float : 4900256 - Cycle : 55 - PI : Blair Greenan - Data mode : D - Platform type : APEX-SBE - WMO inst type : 846 - FLOAT SERIAL : 950 - Date : 2004 12 12  
 Float : 4900256 - Cycle : 58 - PI : Blair Greenan - Data mode : D - Platform type : APEX-SBE - WMO inst type : 846 - FLOAT SERIAL : 950 - Date : 2005 1 11  
 Float : 4900256 - Cycle : 60 - PI : Blair Greenan - Data mode : D - Platform type : APEX-SBE - WMO inst type : 846 - FLOAT SERIAL : 950 - Date : 2005 1 31  
 Float : 4900400 - Cycle : 54 - PI : Blair Greenan - Data mode : D - Platform type : APEX-SBE - WMO inst type : 846 - FLOAT SERIAL : 954 - Date : 2004 11 28  
 Float : 4900412 - Cycle : 22 - PI : Howard Freeland - Data mode : D - Platform type : PROVOR-SBE - WMO inst type : 841 - FLOAT SERIAL : MT-115 - Date : 2004 6 17  
 Float : 4900414 - Cycle : 8 - PI : Blair Greenan - Data mode : D - Platform type : PROVOR-SBE - WMO inst type : 841 - FLOAT SERIAL : MT-112 - Date : 2003 10 5  
 Float : 4900421 - Cycle : 9 - PI : Blair Greenan - Data mode : D - Platform type : PROVOR-SBE - WMO inst type : 841 - FLOAT SERIAL : MT-105 - Date : 2003 10 28  
 Float : 4901755 - Cycle : 61 - PI : Blair Greenan - Data mode : D - Platform type : NOVA - WMO inst type : 865 - FLOAT SERIAL : 85 - Date : 2015 1 25  
 Float : 4901755 - Cycle : 83 - PI : Blair Greenan - Data mode : D - Platform type : NOVA - WMO inst type : 865 - FLOAT SERIAL : 85 - Date : 2015 9 2  
 Float : 4901774 - Cycle : 130 - PI : Blair Greenan - Data mode : D - Platform type : NOVA - WMO inst type : 865 - FLOAT SERIAL : 190 - Date : 2019 1 27  
 Float : 4901774 - Cycle : 132 - PI : Blair Greenan - Data mode : D - Platform type : NOVA - WMO inst type : 865 - FLOAT SERIAL : 190 - Date : 2019 2 16  
 Float : 4901774 - Cycle : 133 - PI : Blair Greenan - Data mode : D - Platform type : NOVA - WMO inst type : 865 - FLOAT SERIAL : 190 - Date : 2019 2 26  
 Float : 4901774 - Cycle : 135 - PI : Blair Greenan - Data mode : D - Platform type : NOVA - WMO inst type : 865 - FLOAT SERIAL : 190 - Date : 2019 3 18  
 Float : 4901774 - Cycle : 138 - PI : Blair Greenan - Data mode : D - Platform type : NOVA - WMO inst type : 865 - FLOAT SERIAL : 190 - Date : 2019 4 17  
 Float : 4901774 - Cycle : 139 - PI : Blair Greenan - Data mode : D - Platform type : NOVA - WMO inst type : 865 - FLOAT SERIAL : 190 - Date : 2019 4 27  
 Float : 4901774 - Cycle : 140 - PI : Blair Greenan - Data mode : D - Platform type : NOVA - WMO inst type : 865 - FLOAT SERIAL : 190 - Date : 2019 5 7  
 Float : 4901774 - Cycle : 141 - PI : Blair Greenan - Data mode : D - Platform type : NOVA - WMO inst type : 865 - FLOAT SERIAL : 190 - Date : 2019 5 17  
 Float : 4901774 - Cycle : 142 - PI : Blair Greenan - Data mode : D - Platform type : NOVA - WMO inst type : 865 - FLOAT SERIAL : 190 - Date : 2019 5 27  
 Float : 4901774 - Cycle : 148 - PI : Blair Greenan - Data mode : D - Platform type : NOVA - WMO inst type : 865 - FLOAT SERIAL : 190 - Date : 2019 7 26  
 Float : 4901774 - Cycle : 149 - PI : Blair Greenan - Data mode : D - Platform type : NOVA - WMO inst type : 865 - FLOAT SERIAL : 190 - Date : 2019 8 5  
 Float : 4901774 - Cycle : 150 - PI : Blair Greenan - Data mode : D - Platform type : NOVA - WMO inst type : 865 - FLOAT SERIAL : 190 - Date : 2019 8 15  
 Float : 4901774 - Cycle : 151 - PI : Blair Greenan - Data mode : D - Platform type : NOVA - WMO inst type : 865 - FLOAT SERIAL : 190 - Date : 2019 8 25  
 Float : 4901774 - Cycle : 152 - PI : Blair Greenan - Data mode : D - Platform type : NOVA - WMO inst type : 865 - FLOAT SERIAL : 190 - Date : 2019 9 4  
 Float : 4901774 - Cycle : 153 - PI : Blair Greenan - Data mode : D - Platform type : NOVA - WMO inst type : 865 - FLOAT SERIAL : 190 - Date : 2019 9 14  
 Float : 4901774 - Cycle : 154 - PI : Blair Greenan - Data mode : D - Platform type : NOVA - WMO inst type : 865 - FLOAT SERIAL : 190 - Date : 2019 9 24  
 Float : 4901774 - Cycle : 155 - PI : Blair Greenan - Data mode : D - Platform type : NOVA - WMO inst type : 865 - FLOAT SERIAL : 190 - Date : 2019 10 4  
 Float : 4901774 - Cycle : 156 - PI : Blair Greenan - Data mode : D - Platform type : NOVA - WMO inst type : 865 - FLOAT SERIAL : 190 - Date : 2019 10 14



Warning Objective Analysis Anomalies 2021 March TEMP PSAL : DAC ME- Float 4900117 - 14



Warning Objective Analysis Anomalies 2021 March TEMP PSAL : DAC ME- Float 4900412 - 22



**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 : 7736**

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  
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4900367 - Existing NetCDF files  
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4900382 - Existing NetCDF files  
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4900383 - Existing NetCDF files  
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4900385 - Existing NetCDF files  
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4900426 - Existing NetCDF files  
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4900427 - Existing NetCDF files  
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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  
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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 : 792**

1901312 - Existing NetCDF files

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

1901844 - Existing NetCDF files

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

1901845 - Existing NetCDF files

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

1901846 - Existing NetCDF files

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

1901847 - Existing NetCDF files

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

1901848 - Existing NetCDF files

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1901849 - Existing NetCDF files

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1901850 - Existing NetCDF files

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1901851 - Existing NetCDF files

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1901852 - Existing NetCDF files

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1901853 - Existing NetCDF files

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1901860 - Existing NetCDF files

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1901861 - Existing NetCDF files

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1901863 - Existing NetCDF files

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1901867 - Existing NetCDF files

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1901871 - Existing NetCDF files

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1901876 - Existing NetCDF files

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2901904 - Existing NetCDF files  
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2901905 - Existing NetCDF files  
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3900538 - Existing NetCDF files  
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3900559 - Existing NetCDF files  
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3900560 - Existing NetCDF files  
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3901489 - Existing NetCDF files  
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3901500 - Existing NetCDF files  
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3901501 - Existing NetCDF files  
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3901503 - Existing NetCDF files  
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3901504 - Existing NetCDF files  
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3901506 - Existing NetCDF files  
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3901507 - Existing NetCDF files  
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3901509 - Existing NetCDF files  
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3901510 - Existing NetCDF files  
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3901511 - Existing NetCDF files  
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3901512 - Existing NetCDF files  
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3901513 - Existing NetCDF files  
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3901514 - Existing NetCDF files  
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3901515 - Existing NetCDF files  
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3901516 - Existing NetCDF files  
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3901517 - Existing NetCDF files  
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3901519 - Existing NetCDF files  
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3901520 - Existing NetCDF files  
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3902399 - Existing NetCDF files  
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3902400 - Existing NetCDF files  
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3902402 - Existing NetCDF files  
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3902403 - Existing NetCDF files  
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49065 - Existing NetCDF files  
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6901153 - Existing NetCDF files  
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6901155 - Existing NetCDF files  
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File : 6901199\_meta.nc - 6901199\_prof.nc - 6901199\_tech.nc -

6901200 - Existing NetCDF files  
File : 6901200\_meta.nc - 6901200\_prof.nc - 6901200\_tech.nc -

6901201 - Existing NetCDF files

File : 6901201\_meta.nc - 6901201\_prof.nc - 6901201\_tech.nc -

6901202 - Existing NetCDF files  
File : 6901202\_meta.nc - 6901202\_prof.nc - 6901202\_tech.nc -

6901205 - Existing NetCDF files  
File : 6901205\_meta.nc - 6901205\_prof.nc - 6901205\_tech.nc -

6901207 - Existing NetCDF files  
File : 6901207\_meta.nc - 6901207\_prof.nc - 6901207\_tech.nc -

6901208 - Existing NetCDF files  
File : 6901208\_meta.nc - 6901208\_prof.nc - 6901208\_tech.nc -

6901211 - Existing NetCDF files  
File : 6901211\_meta.nc - 6901211\_prof.nc - 6901211\_tech.nc -

6901212 - Existing NetCDF files  
File : 6901212\_meta.nc - 6901212\_prof.nc - 6901212\_tech.nc -

6901213 - Existing NetCDF files  
File : 6901213\_meta.nc - 6901213\_prof.nc - 6901213\_tech.nc -

6901214 - Existing NetCDF files  
File : 6901214\_meta.nc - 6901214\_prof.nc - 6901214\_tech.nc -

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

6903726 - Existing NetCDF files  
File : 6903726\_meta.nc - 6903726\_prof.nc - 6903726\_tech.nc -

6903727 - Existing NetCDF files  
File : 6903727\_meta.nc - 6903727\_prof.nc - 6903727\_tech.nc -

6903751 - Existing NetCDF files  
File : 6903751\_meta.nc - 6903751\_prof.nc - 6903751\_tech.nc -

6903752 - Existing NetCDF files  
File : 6903752\_meta.nc - 6903752\_prof.nc - 6903752\_tech.nc -

6903753 - Existing NetCDF files  
File : 6903753\_meta.nc - 6903753\_prof.nc - 6903753\_tech.nc -

6903754 - Existing NetCDF files  
File : 6903754\_meta.nc - 6903754\_prof.nc - 6903754\_tech.nc -

6903755 - Existing NetCDF files  
File : 6903755\_meta.nc - 6903755\_prof.nc - 6903755\_tech.nc

### 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 : 3148**

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 : 474**

## 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

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

1901747 - Existing NetCDF files

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

1901749 - Existing NetCDF files

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

1901752 - Existing NetCDF files

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

1901753 - Existing NetCDF files

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

3901467 - Existing NetCDF files

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

5904221 - Existing NetCDF files

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

5904224 - Existing NetCDF files

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

5904226 - Existing NetCDF files

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

5904916 - Existing NetCDF files

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

5904917 - Existing NetCDF files

File : 5904917\_meta.nc - 5904917\_prof.nc - 5904917\_tech.nc -

5904922 - Existing NetCDF files

File : 5904922\_meta.nc - 5904922\_prof.nc - 5904922\_tech.nc -

5904925 - Existing NetCDF files

File : 5904925\_meta.nc - 5904925\_prof.nc - 5904925\_tech.nc -

5905205 - Existing NetCDF files

File : 5905205\_meta.nc - 5905205\_prof.nc - 5905205\_tech.nc -

5905389 - Existing NetCDF files

File : 5905389\_meta.nc - 5905389\_prof.nc - 5905389\_tech.nc -

5905390 - Existing NetCDF files

File : 5905390\_meta.nc - 5905390\_prof.nc - 5905390\_tech.nc -

5905393 - Existing NetCDF files

File : 5905393\_meta.nc - 5905393\_prof.nc - 5905393\_tech.nc -

5905394 - Existing NetCDF files

File : 5905394\_meta.nc - 5905394\_prof.nc - 5905394\_tech.nc -

5905410 - Existing NetCDF files

File : 5905410\_meta.nc - 5905410\_prof.nc - 5905410\_tech.nc -

5905411 - Existing NetCDF files

File : 5905411\_meta.nc - 5905411\_prof.nc - 5905411\_tech.nc -

5905412 - Existing NetCDF files

File : 5905412\_meta.nc - 5905412\_prof.nc - 5905412\_tech.nc -

5905413 - Existing NetCDF files

File : 5905413\_meta.nc - 5905413\_prof.nc - 5905413\_tech.nc -

5905419 - Existing NetCDF files

File : 5905419\_meta.nc - 5905419\_prof.nc - 5905419\_tech.nc -

5905420 - Existing NetCDF files

File : 5905420\_meta.nc - 5905420\_prof.nc - 5905420\_tech.nc -

5905421 - Existing NetCDF files

File : 5905421\_meta.nc - 5905421\_prof.nc - 5905421\_tech.nc -

5905430 - Existing NetCDF files

File : 5905430\_meta.nc - 5905430\_prof.nc - 5905430\_tech.nc -

5905431 - Existing NetCDF files

File : 5905431\_meta.nc - 5905431\_prof.nc - 5905431\_tech.nc -

5905432 - Existing NetCDF files

File : 5905432\_meta.nc - 5905432\_prof.nc - 5905432\_tech.nc -

5905454 - Existing NetCDF files

File : 5905454\_meta.nc - 5905454\_prof.nc - 5905454\_tech.nc -

5905468 - Existing NetCDF files

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

7900638 - Existing NetCDF files

File : 7900638\_meta.nc - 7900638\_prof.nc - 7900638\_tech.nc -

7900639 - Existing NetCDF files

File : 7900639\_meta.nc - 7900639\_prof.nc - 7900639\_tech.nc -

7900640 - Existing NetCDF files

File : 7900640\_meta.nc - 7900640\_prof.nc - 7900640\_tech.nc -

7900641 - Existing NetCDF files

File : 7900641\_meta.nc - 7900641\_prof.nc - 7900641\_tech.nc -

7900642 - Existing NetCDF files

File : 7900642\_meta.nc - 7900642\_prof.nc - 7900642\_tech.nc -

7900643 - Existing NetCDF files

File : 7900643\_meta.nc - 7900643\_prof.nc - 7900643\_tech.nc -

7900646 - Existing NetCDF files

File : 7900646\_meta.nc - 7900646\_prof.nc - 7900646\_tech.nc -

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

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

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

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

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

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

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

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

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

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

## 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

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

-Others : 8 floats

need further investigation

For some floats :

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

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

**DAC name : jma – Number of floats : 1820**

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

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2903010 - Existing NetCDF files

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2903011 - Existing NetCDF files

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2903012 - Existing NetCDF files

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2903013 - Existing NetCDF files

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2903014 - Existing NetCDF files

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2903165 - Existing NetCDF files

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2903166 - Existing NetCDF files

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2903169 - Existing NetCDF files

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2903175 - Existing NetCDF files  
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2903176 - Existing NetCDF files  
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2903209 - Existing NetCDF files  
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2903210 - Existing NetCDF files  
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2903211 - Existing NetCDF files  
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2903212 - Existing NetCDF files  
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2903213 - Existing NetCDF files  
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2903327 - Existing NetCDF files  
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2903329 - Existing NetCDF files  
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2903330 - Existing NetCDF files  
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2903346 - Existing NetCDF files  
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2903353 - Existing NetCDF files  
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2903354 - Existing NetCDF files  
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2903356 - Existing NetCDF files  
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2903376 - Existing NetCDF files  
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2903378 - Existing NetCDF files  
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2903379 - 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  
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2903394 - Existing NetCDF files  
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2903395 - Existing NetCDF files  
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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  
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2903402 - Existing NetCDF files  
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2903403 - Existing NetCDF files  
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2903404 - Existing NetCDF files  
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2903605 - Existing NetCDF files  
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2903606 - Existing NetCDF files  
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2903607 - Existing NetCDF files  
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2903608 - Existing NetCDF files  
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2903609 - Existing NetCDF files  
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2903610 - Existing NetCDF files  
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2903611 - Existing NetCDF files  
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2903612 - Existing NetCDF files  
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2903616 - Existing NetCDF files  
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2903617 - Existing NetCDF files  
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3902388 - Existing NetCDF files  
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3902389 - Existing NetCDF files  
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3902390 - Existing NetCDF files  
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3902392 - Existing NetCDF files  
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3902393 - Existing NetCDF files  
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3902394 - Existing NetCDF files  
File : 3902394\_meta.nc - 3902394\_prof.nc -

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

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

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

4902981 - Existing NetCDF files  
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4902982 - Existing NetCDF files  
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4902983 - Existing NetCDF files  
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4902986 - Existing NetCDF files  
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4902987 - Existing NetCDF files

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4902988 - Existing NetCDF files  
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4902992 - Existing NetCDF files  
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  
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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  
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5905225 - Existing NetCDF files  
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5905226 - Existing NetCDF files  
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5905227 - Existing NetCDF files  
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5905228 - Existing NetCDF files  
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5905229 - Existing NetCDF files  
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5905232 - Existing NetCDF files  
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5905233 - Existing NetCDF files  
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5905834 - Existing NetCDF files  
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5905835 - Existing NetCDF files  
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5905836 - Existing NetCDF files  
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5905837 - Existing NetCDF files  
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5905838 - Existing NetCDF files  
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5905839 - Existing NetCDF files  
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5905840 - Existing NetCDF files  
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5905841 - Existing NetCDF files  
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5905842 - Existing NetCDF files  
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5905843 - Existing NetCDF files  
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5905844 - Existing NetCDF files  
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5905845 - Existing NetCDF files  
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5905846 - Existing NetCDF files  
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5905848 - Existing NetCDF files  
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5905849 - Existing NetCDF files  
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5905851 - Existing NetCDF files  
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5905852 - Existing NetCDF files  
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5905853 - Existing NetCDF files  
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5905854 - Existing NetCDF files  
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5905855 - Existing NetCDF files  
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5905856 - Existing NetCDF files  
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5905860 - Existing NetCDF files  
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5905861 - Existing NetCDF files  
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5905862 - Existing NetCDF files  
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5905863 - Existing NetCDF files  
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5905864 - Existing NetCDF files  
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5905865 - Existing NetCDF files  
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5905875 - Existing NetCDF files  
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5905876 - Existing NetCDF files  
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5905877 - Existing NetCDF files  
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5905878 - Existing NetCDF files  
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5905879 - Existing NetCDF files  
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5905881 - Existing NetCDF files  
File : 5905881\_meta.nc - 5905881\_prof.nc -

5905882 - Existing NetCDF files  
File : 5905882\_meta.nc - 5905882\_prof.nc -

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

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

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

7900600 - Existing NetCDF files  
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7900601 - Existing NetCDF files  
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7900652 - Existing NetCDF files

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

7900863 - Existing NetCDF files  
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7900864 - Existing NetCDF files  
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7900866 - Existing NetCDF files  
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7900868 - Existing NetCDF files  
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7900872 - Existing NetCDF files  
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 monoprofile, 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 : 589**

## **7.11. NMDIS**

**For some floats :**

- 

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

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