



## **GDAC Float Anomalies Monitoring**

**July-August 2020**

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## 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.

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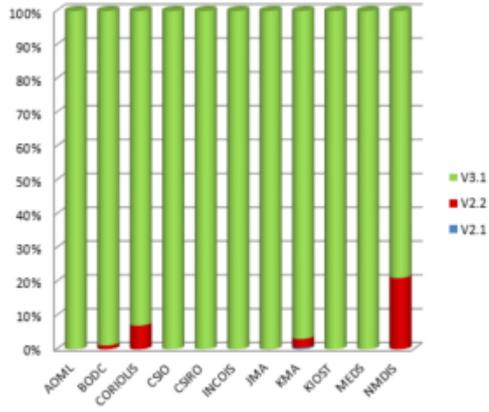
# 1. Anomalies of Argo profiles – Suspected drift

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

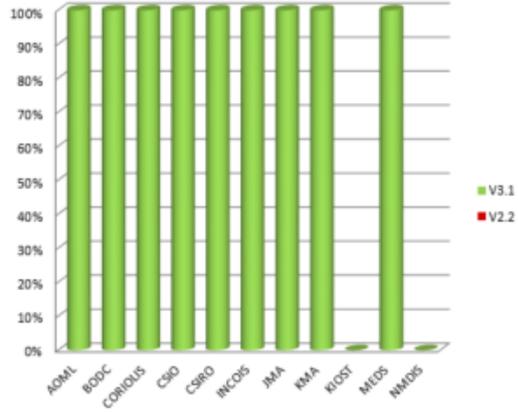
DAC	WMO	PI	Description	First station in alert	First cycle in alert	Last Station in alert	Last cycle in alert	SENSOR_MODEL	SERIAL_N°	Failure_Type	for Coriolis DB (1-drift, 2-bias, 3-wet/d, 4-wrecked, 5-pressure, 6-adjustment issue)	Comment
<b>NEW</b>												
AOML	1901805	GREGORY C. JOHNSON	Argo PMEL	2020/07/28	135	2020/08/27	138	SBE41CP	8181	1		Adjustment on PSAL_ADJUSTED is going to introduced a bias
AOML	3901266	CARL SZCZECOWSKI	Argo NAVOCOANO	2020/08/23	326	2020/08/28	327	SBE41CP_V3.0c	7131	1		Drift
AOML	3901291	DEAN ROEMMICH	Argo PMEL	2020/07/06	129	2020/08/25	134	SBE41CP	8634	1		Drift
AOML	3901792	DEAN ROEMMICH	Argo SIO	2020/06/29	100	2020/08/28	106	SBE41CP_V7.2.5	8283	1		High drift
AOML	4901441	GREGORY C. JOHNSON	Argo PMEL	2020/07/28	303	2020/08/29	306	SBE41	5637	1		Drift
AOML	4902911	BRECK OWENS, STEVEN JAYNE, P.E. ROBBINS	Argo WHOI	2020/08/16	126	2020/08/26	127	SBE41CP	8551	1		Drift
AOML	4903233	AMY BOWER, STEVEN JAYNE, HEATHER FUREY	Argo WHOI	2020/07/30	77	2020/07/08	78	SBE41CP	11215	1		Drift
AOML	4903287	GREGORY C. JOHNSON	Argo PMEL	2020/08/19	43	2020/08/20	43	SBE41CP	11298	1		Drift
AOML	5902512	DEAN ROEMMICH	Argo SIO	2020/08/11	142	2020/08/21	143	SBE41CP_V7.2.5	8702	1		Drift
AOML	5904740	GREGORY C. JOHNSON	Argo PMEL	2020/07/24	140	2020/08/23	143	SBE41CP	7755	1		Drift
AOML	5904766	STEPHEN RISER, KENNETH JOHNSON	Argo UW-SOCCOM eq.	2020/05/27	148	2020/07/26	154	SBE41CP	7397	1		Drift
AOML	5905079	STEPHEN RISER, KENNETH JOHNSON	Argo UW	2020/07/07	123	2020/08/26	128	SBE41CP	8059	1		Drift
AOML	5906095	GREGORY C. JOHNSON	Argo PMEL	2020/07/05	43	2020/08/24	48	SBE41CP	11103	1		Drift
AOML	5906185	GREGORY C. JOHNSON	Argo PMEL	2020/06/24	1	2020/08/03	5	SBE41CP	12137	1		Drift
AOML	5906274	STEPHEN RISER	XXXX	2020/08/19	1	2020/08/29	2	SBE41CP	10033	1		Drift
RODC	3901955	Andy Rees	ARGO MOCCA- EU	2020/07/11	101	2020/08/10	104	SBE41CP_V7.2.5	9610	1		Drift
CORIOUIS	6901982	Andreas STERL	Dutch ARGO Project	2020/07/03	204	2020/07/03	204	SBE41	6630	1		Drift
CORIOUIS	6902715	Christine COATANOAN	CORIOUIS	2020/07/08	125	2020/08/27	130	SBE41CP_V7.2.5	8227	1		Drift
CORIOUIS	6902946	Stephanie LOUAZEL	CORIOUIS	2020/06/30	243	2020/08/29	273	SBE41CP_V7.2.5	10931	1		Drift
CORIOUIS	6902947	Stephanie LOUAZEL	CORIOUIS	2020/05/04	221	2020/08/27	244	SBE41CP_V7.2.5	10938	1		Drift
CSIRO	5905441	Tom Trull	Argo AUSTRALIA	2019/10/05	1	2019/10/07	3	SBE41CP_V7.2.5	11434	1		Drift
CSIRO	7903631	Peter Oak	Argo AUSTRALIA	2020/08/24	65	2020/08/24	65	SBE41CP_V7.2.5	10782	1		Drift
INCOIS	2903338	M Ravichandran	Argo INDIA	2004/07/17	16	2004/08/11	21	SBE41	1342	2		DM mode - PSAL and PSAL_ADJUSTED still with a bias
INCOIS	2901348	M Ravichandran	Argo INDIA	2020/08/18	313	2020/08/18	313	SBE41	5583	1		Drift
INCOIS	2902199	M Ravichandran	Indian Argo	2020/07/10	211	2020/08/28	216	SBE41CP	7512	1		Drift
INCOIS	2902201	M Ravichandran	Indian Argo	2020/08/23	164	2020/08/23	164	SBE41	7642	1		Drift
INCOIS	2902236	M Ravichandran	Argo INDIA	2020/08/27	233	2020/08/27	233	SBE41CP	9529	1		Drift
JMA	2903365	JMA	Argo eq. JMA	2020/07/16	90	2020/07/31	93	SBE41	10823	1		Drift
JMA	2903370	JMA	Argo eq. JMA	2020/07/17	78	2020/08/11	83	SBE41	10828	1		Drift
JMA	2903608	JAMSTEC	Argo eq. JAMSTEC	2020/08/09	65	2020/08/09	65	SBE61	5686	1		Drift
<b>PREVIOUS REPORTS</b>												
AOML	1901812	BRECK OWENS, STEVEN JAYNE, P.E. ROBBINS	Argo WHOI	2020/02/17	148	2020/08/05	169	SBE41CP	7205	3		Very weird behaviour, that may be depth-dependant. Cycle 148 is definitely out of distribution (0.08 psu saltier) but only at depth. cycle 84 is 0.1 PSU saltier than platform's other profiles and surrounding profiles. cycle 101 is 0.3 PSU saltier. cycle 53 is 0.05 psu saltier than surrounding profiles.
AOML	1902057	GREGORY C. JOHNSON	Argo PMEL	2019/10/03	105	2020/04/20	125	SBE41CP	8465	1		
AOML	1902198	GREGORY C. JOHNSON	Argo PMEL	2020/12/20	61	2020/08/28	80	SBE41CP	9911	1		
AOML	1902199	GREGORY C. JOHNSON	Argo PMEL	2020/03/05	54	2020/07/03	66	SBE41CP	9841	2		big fresh jump in salinity. cycle 35 is 1.5 PSU fresher
AOML	2902397	BRECK OWENS, STEVEN JAYNE, P.E. ROBBINS	Argo WHOI	2020/05/16	167	2020/08/30	178	SBE41CP	7355	1		Gap around 3 pm
AOML	3901156	GREGORY C. JOHNSON	Argo PMEL	2020/02/24	216	2020/08/22	234	SBE41CP	4221	1		0.02 psu salty jump at cycle 171. cycle 198 is 0.07 psu saltier than surrounding profiles
AOML	3901173	GREGORY C. JOHNSON	Argo PMEL	2019/10/14	203	2020/05/11	224	SBE41CP	5510	4		cycle 137 dated Feb. 2018 and cycle 138 dated July 2018. Since recovery(cycle 138), sensor data are very noisy
AOML	3901179	GREGORY C. JOHNSON	Argo PMEL	2019/01/06	167	2020/03/31	212	SBE41CP	5542	2		Offset from cycle 167 (+0.02 psu) and drift very slightly after
AOML	3901187	GREGORY C. JOHNSON	Argo PMEL	2014/11/22	25	2020/08/22	235	SBE41CP	5507	1 or 2		This float had stopped emitting on the 2018/02/04 and has begun to emit once more since the 2019/01/10 in the middle of the pacific but values and shapes are totally ut of bounds by 1 PSU saltier. Positions may be incorrect.
AOML	3901199	GREGORY C. JOHNSON	Argo PMEL	2020/02/25	172	2020/08/23	190	SBE41CP	6308	6		There is a correction in adjusted that seem to worsen the salinity. Raw data are inside alert boundaries, adjusted data are fresher than boundaries. This seems to have been corrected. Only cycle 143 remains out of bounds.
AOML	3901227	BRECK OWENS, STEVEN JAYNE, P.E. ROBBINS	Argo WHOI	2016/12/10	49	2020/07/09	181	SBE41CP	6486	1		QC2 automatically set. cycle 139 is 0.07 PSU saltier than surrounding profiles
AOML	3901259	GREGORY C. JOHNSON	Argo PMEL	2020/08/27	67	2020/08/27	137	SBE41CP	8462	1		drifting since at least cycle 79. cycle 101 is 0.15 PSU saltier than surrounding profiles
AOML	3901282	GREGORY C. JOHNSON	Argo PMEL	2017/09/05	32	2020/08/30	141	SBE41CP	8531	4		salty jump at cycle 86. salinity data are wrecked
AOML	3901283	GREGORY C. JOHNSON	Argo PMEL	2020/03/11	114	2020/08/28	131	SBE41CP	8563	1		Slight drift from cycle 114
AOML	3901286	GREGORY C. JOHNSON	Argo PMEL	2020/02/20	111	2020/03/31	115	SBE41CP	8562	1		cycle 93 is 0.05 PSU saltier than surrounding profiles
AOML	3901289	GREGORY C. JOHNSON	Argo PMEL	2020/02/23	117	2020/08/31	136	SBE41CP	8651	1		cycle 99 is 0.2 PSU saltier than surrounding profiles
AOML	3901299	GREGORY C. JOHNSON	Argo PMEL	2020/02/23	92	2020/08/21	70	SBE41CP	9957	2		cycle 45 is affected by a 0.02 salty jump. Wait for more cycles
AOML	3901808	BRECK OWENS, STEVEN JAYNE, P.E. ROBBINS	Argo WHOI	2020/05/28	226	2020/08/26	244	SBE41CP	8458	1		Previous cycles a lot of cycles before, 0.02 PSU salty drift. Now corrected in adjusted. But Cycle 226, gap (more than 1 psu) with QC1 (PSAL & PSAL_ADJUSTED)
AOML	3901815	BRECK OWENS, STEVEN JAYNE, P.E. ROBBINS	Argo WHOI	2020/02/27	202	2020/06/06	222	SBE41CP	8548	1		cycle 146 is 0.03 PSU saltier than surrounding platforms. From cycle 209 big jump.
AOML	3901819	BRECK OWENS, STEVEN JAYNE, P.E. ROBBINS	Argo WHOI	2019/05/03	137	2020/08/28	233	SBE41CP	8642	1		drifting since cycle 120 (2019/02/06). cycle 160 is 0.05 PSU saltier than surrounding profiles
AOML	3902145	BRECK OWENS, STEVEN JAYNE, P.E. ROBBINS	Argo WHOI	2020/02/05	33	2020/03/16	37	SBE41CP	11024	4		It has become suddenly noisy from cycle 28 on. Still noisy cycle 31. (drift or failure -) Cycles 36 and 37 doubtful but it seems come back to something better
AOML	3902185	DEAN ROEMMICH	Argo SIO	2020/03/10	10	2020/05/19	17	SBE41CP_V7.2.5	12036	1		Drift from cycle 10 to cycle 12 with the good ones
AOML	3902208	GREGORY C. JOHNSON	XXXXXX	2019/12/27	1	2020/01/16	3	SBE41CP	12069	2		Bias of 0.35 psu for the cycle 1, then come back to the range of the values in this area
AOML	3902209	GREGORY C. JOHNSON	XXXXXX	2019/12/29	1	2020/01/08	2	SBE41CP	11964	1		Small negative drift from first cycle, come back to correct values after few cycles
AOML	3902211	GREGORY C. JOHNSON	XXXXXX	2019/11/15	1	2020/08/21	29	SBE41CP	12092	1		Drift from cycle 1 - Fresh salinity for cycle 1 with salinity going back to right values
AOML	3902212	GREGORY C. JOHNSON	XXXXXX	2019/11/15	1	2020/07/22	26	SBE41CP	12099	1		Drift from first cycle, come back to correct value but still a slight bias for cycle 17, check with next cycles
AOML	4901591	BRECK OWENS, STEVE JAYNE, P.E. ROBBINS	Argo WHOI	2017/10/26	153	2020/08/29	260	SBE41CP	4890	3		cycle 233 seems to be 0.23 psu saltier than surrounding profiles at 1000 dbar. But recent cycles have not been below 1000 dbar and thus is difficult to be certain of a drift and to infer when it may have begun. Hard 7 psu fresh jump from cycle 234 on.
AOML	4901593	BRECK OWENS, STEVE JAYNE, P.E. ROBBINS	Argo WHOI	2020/02/17	224	2020/03/07	226	SBE41CP	4938	3		cycle 170 to cycle 174 show a strange feature in temperature below 500 dbar (0.5 °C warmer than surrounding profiles) not seen in surrounding profiles distribution. As a consequence, salinity is also weird.
AOML	4902087	GREGORY C. JOHNSON	Argo PMEL	2019/08/25	150	2020/08/29	187	SBE41CP	7176	1		cycle 150 (2019/08/25) is 0.04 psu saltier than surrounding platforms. It is not triggering alert anymore but it seems to be affected by a drift.
AOML	4902102	BRECK OWENS, STEVEN JAYNE, P.E. ROBBINS	Argo WHOI	2020/02/17	3174	2020/08/24	3193	SBE41CP	6488	2		cycle 3168 is affected by a 0.2 psu salty jump. Wait for more cycles
AOML	4902307	GREGORY C. JOHNSON	Argo PMEL	2020/06/19	145	2020/08/28	152	SBE41CP	7682	1		
AOML	4902312	GREGORY C. JOHNSON	Argo PMEL	2019/10/13	126	2020/08/28	158	SBE41CP	7557	1		cycle 121 (2019/08/24) is 0.1 PSU saltier than surrounding profiles
AOML	4902893	GREGORY C. JOHNSON	Argo PMEL	2019/10/12	107	2020/08/27	139	SBE41CP	8007	1	unsure	cycle 103 is 0.07 PSU saltier than the core of the profiles. distribution of surrounding platforms but there are other similar measurements from surrounding profiles. It would deserve DMQC. Cycles 20 to 22 are affected by fresh jump
AOML	4902895	GREGORY C. JOHNSON	Argo PMEL	2020/02/13	119	2020/08/21	138	SBE41CP	8012	1		cycle 102 is 0.07 PSU saltier than surrounding profiles
AOML	4902897	GREGORY C. JOHNSON	Argo PMEL	2020/02/09	119	2020/08/27	139	SBE41CP	8310	1		smoothly drifting so far
AOML	4902899	GREGORY C. JOHNSON	Argo PMEL	2020/04/02	61	2020/08/20	75	SBE41CP	8959	1		cycle 111 is 0.02 psu saltier than surrounding profiles. Seems to be gently drifting since cycle 61
AOML	4902901	GREGORY C. JOHNSON	Argo PMEL	2020/02/12	116	2020/08/30	136	SBE41CP	8692	1		undoubtedly drifting (0.04 PSU saltier than 2018/12/19), hard salty jumps from cycle 80 (2019/02/17)
AOML	4902905	GREGORY C. JOHNSON	Argo PMEL	2020/02/12	114	2020/08/30	134	SBE41CP	8709	1		cycle 97 is 0.03 PSU saltier than surrounding profiles
AOML	4902915	BRECK OWENS, STEVEN JAYNE, P.E. ROBBINS	Argo WHOI	2019/03/30	134	2020/08/23	237	SBE41CP	8540	3		seems to be depth-dependant and affect temperature as well since cycle 35 (2107/11/23). cycle 160 (2019/08/06) is 0.2 PSU fresher at 2000 dbar.
AOML	4902996	GREGORY C. JOHNSON	Argo PMEL	2020/06/19	102	2020/08/28	109	SBE41CP	0908	1		
AOML	4902997	GREGORY C. JOHNSON	Argo PMEL	2020/06/07	97	2020/08/30	105	SBE41CP	0909	1		Drift
AOML	4903000	GREGORY C. JOHNSON	Argo PMEL	2020/04/02	61	2020/08/20	75	SBE41CP	0963	1		Drift from cycle 61
AOML	4903027	GREGORY C. JOHNSON	Argo PMEL	2018/11/15	18	2020/08/26	83	SBE41CP_V7.2.5	10054	1		cycle 61 is affected by a 0.03 psu salty jump. cycle 62 is 0.17 psu saltier than surrounding profiles.
AOML	4903028	GREGORY C. JOHNSON	Argo PMEL	2020/03/15	50	2020/08/22	66	SBE41CP	10069	2	unsure	Fresher profiles from cycle 50, bias then come back to correct profiles ?
AOML	4903030	GREGORY C. JOHNSON	Argo PMEL	2020/02/16	60	2020/06/05	71	SBE41CP	10574	1		cycle 53 is 0.06 psu saltier than surrounding profiles and than cycle 51. Cycle 52 is 0.03 psu saltier than cycle 51.
AOML	4903031	GREGORY C. JOHNSON	Argo PMEL	2020/02/16	60	2020/08/14	78	SBE41CP	10575			

ACR	ACR ID	Operator	Country	Start Date	End Date	Lat	Lon	Depth (m)	Depth (cm)	Depth (mm)	Notes
AOML	5904624	STEPHEN RISER	Argo UW	2019/12/01	151	2020/05/08	167	SBE41CP	6344	1	QC2 automatically set. cycle 150 is 0.02 psu saltier than surrounding profiles at depth but it is on the ground. Wait for more cycles. From cycle 151, drift is observed and QC set to 3.
AOML	5904628	STEPHEN RISER	Argo UW	2020/02/10	158	2020/04/30	166	SBE41CP	5976	1	The delayed-mode adjustment is not applied to real-time cycles
AOML	5904639	STEPHEN RISER	Argo UW-SOCCOM	2020/01/01	147	2020/05/09	160	SBE41CP	5969	1	smoothly drifting
AOML	5904666	STEPHEN RISER	Argo UW-SOCCOM	2020/01/05	294	2020/04/29	317	SBE41CP	6429	1	QC2 automatically set. Drift appears from cycle 294
AOML	5904703	GREGORY C. JOHNSON	Argo PMEL	2020/02/21	146	2020/08/29	165	SBE41CP	6296	165	smoothly drifting
AOML	5904738	GREGORY C. JOHNSON	Argo PMEL	2020/01/27	119	2020/08/26	143	SBE41CP	7757	1	cycle 119 is 0.02 psu saltier than surrounding profiles. cycle 123 is back to nominal values but restart to saltier values. corrected in adjusted, but drift may have increased, with a noticeable jump cycle 83.
AOML	5904781	STEPHEN RISER	Argo UW	2019/04/08	94	2020/03/31	128	SBE41CP	7689	1	jump of 0.02 psu saltier on cycle 94 (2019/03/28). 0.05 psu saltier with surrounding platforms (but few available).
AOML	5904786	STEPHEN RISER	Argo UW	2016/11/27	9	2020/06/07	138	SBE41CP	7936	1	Cycles 127 and 128 seem to imply a fast salty drift phenomenon. Wait for more cycles.
AOML	5904786	STEPHEN RISER	Argo UW	2020/04/29	134	2020/08/17	145	SBE41CP	7933	1	Drift, check next cycles
AOML	5904835	STEPHEN RISER	US ARGO PROJECT	2020/03/05	122	2020/05/24	130	SBE41CP	7800	1	
AOML	5904861	GREGORY C. JOHNSON	Argo PMEL	2020/02/19	133	2020/08/27	152	SBE41CP	7719	6	adjusted seem too hard of 0.02PSU + some jump; would need a delayed mode reanalysis
AOML	5904948	GREGORY C. JOHNSON	Argo PMEL	2017/01/23	1	2020/08/25	132	SBE41CP	8641	1	was drifting until cycle 67 when hard drift occurs
AOML	5905150	STEPHEN RISER	Argo UW	2019/08/12	65	2020/05/28	94	SBE41CP	7728	1	smoothly drifting
AOML	5905285	GREGORY C. JOHNSON	Argo PMEL	2020/04/26	100	2020/08/06	101	SBE41CP	9242	1	Drift from cycle 100, check with next cycles
AOML	5905288	GREGORY C. JOHNSON	Argo PMEL	2020/02/17	97	2020/05/25	116	SBE41CP	9043	1	cycle 90 is 0.04 psu saltier than surrounding profiles. Smooth drift seems to have begun from the beginning.
AOML	5905320	STEPHEN RISER	Argo UW	2020/02/17	85	2020/05/26	95	SBE41CP	8481	3	something weird happened. cycle 76 around 600 to 1000 dbar in the temperature measurements. cycle 77 and cycle 78 have weird temperature shape. Consequently, PSAL profiles are also weird.
AOML	5905324	STEPHEN RISER	Argo UW	2020/02/15	82	2020/05/09	86	SBE41CP	8478	1	smoothly drifting
AOML	5905655	STEPHEN RISER	Argo UW	2020/02/18	56	2020/05/10	57	SBE41CP	8474	1	cycle 53 is 0.02 psu saltier than surrounding profiles. It may have begun cycle 51
AOML	5905676	GREGORY C. JOHNSON	Argo PMEL	2020/02/11	54	2020/08/29	74	SBE41CP	10018	1	may be fast salty drift. Wait for more cycles.
AOML	5905682	DEAN ROEMMICH	Argo SIO	2020/03/22	64	2020/05/12	66	SBE41CP_V7.2.5	10716	1	Drift
AOML	5905730	GREGORY C. JOHNSON	Argo PMEL	2019/10/12	51	2020/08/27	83	SBE41CP	9857	1	cycle 47 (2019/09/02) is 0.05 psu saltier than surrounding profiles
AOML	5905732	GREGORY C. JOHNSON	Argo PMEL	2020/02/15	66	2020/08/23	85	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	Argo PMEL	2020/04/17	72	2020/08/25	85	SBE41CP	10067	1	Salty jump
AOML	5905743	GREGORY C. JOHNSON	Argo PMEL	2020/02/15	60	2020/08/23	79	SBE41CP	10559	1	cycle 53 and cycle 54 are 0.02 psu saltier than surrounding profiles. The drift seems to begin cycle 50
AOML	5905744	GREGORY C. JOHNSON	Argo PMEL	2020/02/15	60	2020/08/23	79	SBE41CP	10560	1	jump in salinity; cycle 29 is 0.07 PSU saltier than surrounding profiles
AOML	5905748	GREGORY C. JOHNSON	Argo PMEL	2020/03/31	55	2020/08/28	70	SBE41CP	10956	1	Fresher drift from cycle 55
AOML	5905988	ANDREA FASSBENDER	Argo UW-MBARI	2020/04/28	111	2020/08/26	123	SBE41CP	10762	1	Salty drift
AOML	5906098	GREGORY C. JOHNSON	Argo PMEL	2020/02/16	27	2020/08/24	46	SBE41CP	11099	4	Very fresh first cycles (cycle 10 is still 0.3 PSU fresher than expected)
AOML	5906159	GREGORY C. JOHNSON	Argo PMEL	2020/04/29	30	2020/08/27	42	SBE41CP	11076	1	Salty drift
AOML	5906172	GREGORY C. JOHNSON	XXXXXXX	2019/12/28	1	2020/05/19	7	SBE41CP	11102	1	Negative drift which decreases with following cycles (till cycle 7), after profiles seem coming back to correct values
AOML	5906174	GREGORY C. JOHNSON	XXXXXXX	2020/03/31	1	2020/08/28	16	SBE41CP	12135	1	Bias of salinity for 2 first cycles (difference of 3 psu in profiles in this area)
AOML	5906223	STEPHEN RISER/KEN JOHNSON	Argo UW-SOCCOM	2020/03/18	1	2020/08/29	17	SBE41CP	11518	1	First cycle slightly out of boundary, wait for following cycles, drift for first cycles seems to be confirmed
BODC	1901914	Jon Turton	Argo UK	2019/10/10	1	2020/05/22	20	SBE41CP_V7.2.5	3984	1	The first two cycles are 0.1 psu saltier than surrounding profiles. Drift also for the following cycles. Answer from Matt : • 1901914 cycles 16 and 18 are not dissimilar to the profiles before and after, and whilst there is a bit of a spread of profiles in the short life of this float, for now I think it is likely natural variability caused by being caught in an eddy in the Agulhas Retroflection;
BODC	3901951	Andy Rees	ARGO MOCCA - EU	2020/04/07	93	2020/05/23	93	SBE41CP_V7.2.5	8554	1	Jump-drift from cycle 93
BODC	3901961	Romain Cancouet	ARGO ITALY	2020/03/11	78	2020/05/24	81	SBE41CP_V7.2.5	8604	1	Slight drift
BODC	3901962	Romain Cancouet	ARGO ITALY	2019/09/21	60	2020/05/25	80	SBE41CP_V7.2.5	8605	1	Slight drift from cycle 60, DMQC done with correction but QC3 not reported on RT values, RTQC still QC for new cycles
BODC	3901963	Romain Cancouet	ARGO ITALY	2020/01/02	71	2020/05/26	80	SBE41CP_V7.2.5	8606	1 or 2	there seems to be a salty jump from cycle 70 until current cycle 74. But the surrounding profiles distribution is very sparse. Unsure. Wait for more cycles.
CORIOLIS	3901676	Birgit Klein	Argo BSH	2020/05/17	53	2020/05/17	53	SBE41CN_V5.3.0	11441	1	Large gap of 0.5 psu
CORIOLIS	3901922	Romain Cancouet	ARGO MOCCA - EU	2020/05/15	100	2020/08/24	106	SBE41CP	10676	1	Salty drift, on the grey list, processed in DMQC by C. Cabanes
CORIOLIS	6901253	Pedro Velez	ARGO SPAIN - IEO	2020/03/11	66	2020/08/18	82	SBE41CP_V7.2.5	9918	1	Drift from cycle 66
CORIOLIS	6901978	Andreas STERL	Dutch ARGO Project	2020/06/23	208	2020/06/23	208	SBE41	6625	1	
CORIOLIS	6902704	Christine COATANOAN	CORIOLIS	2020/01/02	125	2020/08/29	149	SBE41CP_V7.2.5	8141	1	smoothly drifting
CORIOLIS	6902848	Franck DUMAS	CORIOLIS	2018/11/12	28	2020/04/28	101	SBE41CP_V7.2.5	9588	1 or 2	Very variable area. Wait for more cycles
CORIOLIS	6903240	Pierre-Marie Poullain	ARGO Italy, BioArgo	2018/04/06	10	2020/04/29	152	SBE41CP_V7.2.5	9705	3 (Primary2)	No drift but there is something weird with one of the two set of vertical sampling scheme labelled Primary sampling. They look different. The profiles fresher than surrounding profiles have been set to 3. No DMQC yet
CSIRO	2901520	JIANPING XU	Argo CHINA	2018/07/18	206	2020/08/26	283	SBE41	5386	1	Seems to be slightly drifting. cycle 250 is 0.02 psu saltier than surrounding profiles. Not strong enough to classify it QC3. Wait for a stronger drift before down qualifying.
CSIRO	2902738	JIANPING XU	Argo CHINA	2019/10/01	63	2020/07/07	91	SBE41CP_V7.2.5	10045	1	Smoothly drifting
CSIRO	1901165	Susan Wijffels	Argo AUSTRALIA	2020/01/23	317	2020/05/01	317	SBE41_V3	4287	1	cycle 317 is 0.02 psu saltier than surrounding profiles. But not sure enough to flag. Not so obvious regarding the time-serie of the float but comparing with the neighbours seems to have a drift, send a mail to Jenny to check. Jenny confirmed.
CSIRO	1901324	Susan Wijffels	Argo AUSTRALIA	2020/02/24	317	2020/05/02	321	SBE41_V3	5279	2	cycle 317 is 0.7 psu saltier than previous cycles
CSIRO	1901325	Susan Wijffels	ARGO AUSTRALIA - IRIDIUM	2020/01/18	305	2020/05/03	312	SBE41_V3	5287	2 unsure	cycle 303 to cycle 305 are affected by a salty bias of 0.02 psu. From cycle 259 to cycle 302, there seems to be an auto-scaled adjustment of -0.03 / -0.04 psu.
CSIRO	1901337	Susan Wijffels	Argo AUSTRALIA	2019/04/08	322	2020/05/04	322	SBE41CP_V2	5085	6	cycle 322 is adjusted by -0.2 psu which is too big as adjusted profile is fresher than surrounding distribution by 0.1 psu
CSIRO	5903706	Susan Wijffels	Argo AUSTRALIA	2020/01/04	304	2020/05/05	313	SBE41_V3	5285	1	cycle 304 is 0.02 psu saltier than surrounding profiles
CSIRO	5904248	Susan Wijffels	Argo AUSTRALIA	2019/05/08	215	2020/05/06	249	SBE41CP_V2	3856	1	cycle 226 is affected by a 0.15 PSU salty depth-dependant jump. wait for more cycles. CSIRO comment (20191204): "This float has been identified as drifting salty and adjusted in DMQC up to cycle 204. Later cycles are drifting more strongly but have not been adjusted in RT. I have set the PSAL to QC-3 for cycles 230-236."
CSIRO	5904914	Susan Wijffels	Argo AUSTRALIA	2020/05/16	198	2020/05/16	198	SBE41CP_V2	5988	1	Jump for the last cycle
CSIRO	5905017	Susan Wijffels	Argo AUSTRALIA	2020/01/14	151	2020/05/07	159	SBE41CP_V2	7033	2 unsure	cycle 151 and cycle 152 are affected by a 0.07 psu salty jump. Wait for more cycles.
CSIRO	5905029	Susan Wijffels	Argo AUSTRALIA	2016/11/24	30	2020/05/08	155	SBE41CP_V2	7010	1	cycle 141 is 0.1 psu saltier than surrounding profiles. Normally there is an adjustment in real-time and as it is far from constant, I suppose it is an autocal adjustment using CAR2009 climatology. I have QCd 3 from cycle 87 on.
CSIRO	5905184	Susan Wijffels	ARGO Australia	2020/01/23	117	2020/05/09	124	SBE41CP_V7.2.5	8224	1	cycle 117 is 0.07 psu saltier than surrounding profiles
INCOIS	2902200	M Ravichandran	Indian Argo	2020/04/15	151	2020/07/24	161	SBE41	7649	1	
INCOIS	2902209	M Ravichandran	Indian Argo	2019/03/10	92	2020/08/22	146	SBE41CP	8353	1	drifting since cycle 87 (2019/01/20) and shape has changed, probably because it entered an eddy-rich region. cycle 109 (20190824) is 0.25 psu saltier than surrounding profiles
INCOIS	2902211	M Ravichandran	Indian Argo	2020/02/22	162	2020/08/10	179	SBE41CP	8355	1	Drift
INCOIS	2902233	M Ravichandran	Argo INDIA	2020/01/29	284	2020/06/22	313	SBE41CP	9526	1	The real-time adjustment has reached 1 PSU but adjusted profile is out of bounds for cycle 256
INCOIS	2902235	M Ravichandran	Argo INDIA	2020/02/23	289	2020/08/16	324	SBE41CP	9528	1	
INCOIS	2902241	M Ravichandran	Argo INDIA	2017/10/29	1	2017/11/20	8	SBE41CP	9303	1	Gap of 0.5 psu only for D profile
INCOIS	2902254	M Ravichandran	Argo INDIA	2020/03/03	102	2020/05/13	102	SBE41CP	9740	1	Large drift
INCOIS	2902266	M Ravichandran	Argo INDIA	2019/11/22	30	2020/05/30	49	SBE41CP	11197	1 or 2	Hard fresh jump since cycle 15 (2019/06/25)
INCOIS	2902268	M Ravichandran	Argo INDIA	2020/06/15	51	2020/08/24	58	SBE41CP	11207	1	
JMA	2903191	JMA	Argo eq. JMA	2019/10/25	129	2020/08/30	191	SBE41CP_V7.2.5	9742	1	seems to be drifting smoothly. cycle 129 reaches 0.02 psu saltier than surrounding profiles
JMA	2903212	JAMSTEC	Argo eq. JAMSTEC	2019/04/30	45	2020/08/26	95	SBE61	5631	2	highly biased (by approx 0.4 psu). Yuka Okunaka answered they are looking with the constructor: flag are set by recommendation from ADMT, that is QC1. Yuka's comment from 2019/09/19: "The qc flags of the following floats will be decided when the D-files are created. Float : 2903212 - Cycle : 49 - 55"
JMA	2903214	JMA	Argo eq. JMA	2019/06/22	101	2020/06/11	172	SBE41CP_V2	9743	1	cycle 103 and cycle 104 are 0.03 PSU saltier than surrounding profiles but cycle 105 and after are back to expected values. cycle 125 is 0.06 psu saltier than surrounding platforms. QCd 3. Wait for more cycles
JMA	2903341	JMA	Argo eq. JMA	2020/06/11	90	2020/08/30	106	SBE41CP_V7.2.5	10131	1	
JMA	2903355	JAMSTEC	Argo JAMSTEC	2020/04/07	55	2020/05/18	55	SBE41CP_V2	5477	1	
JMA	2903612	JMA	Argo JAMSTEC	2020/03/14	22	2020/05/19	26	SBE41CP_V7.2.5	10967	1	Small drift from cycle 22
JMA	2903626	JMA	Argo JMA	2020/06/21	2	2020/07/31	10	SBE41CP_V7.2.5	12026	1	
KMA	2901758	Jaeyoung Byon	Argo NIMR/KMA	2016/12/17	14	2020/05/19	129	SBE41CP	null	1	rapid salty drift beginning at cycle 66 (2018/06/10). cycle 101 is 0.7 psu saltier than surrounding profiles. from cycle 45: QCd 4
KMA	2901759	Jaeyoung Byon	Argo NIMR/KMA	2019/05/06	101	2020/05/21	137	SBE41CP	null	1	rapid salty drift beginning at cycle 45 (2017/10/23) approximately. cycle 60 is 0.3 psu saltier than surrounding profiles. from cycle 45: QCd 4
KMA	2901760	Jaeyoung Byon	Argo NIMR/KMA	2019/05/07	101	2020/07/20	145	SBE41CP	null	1	cycle 112 is 0.08 psu saltier than surrounding profiles
KMA	2901763	Jaeyoung Byon	Argo NIMR/KMA	2020/05/02	135	2020/07/01	141	SBE41CP	null	1	Drift from cycle 135
KMA	2901765	Jaeyoung Byon	Argo NIMR/KMA	2018/10/20	81	2020/07/01	143	SBE41CP	null	1	May be slightly drifting since the beginning. cycle 125 is 0.04 psu saltier than surrounding profiles
MEDS	4902465	Blair Greenan	Argo CANADA	2019/12/03	51	2020/06/10	70	SBE41CP	null	1	cycle 51 is 0.04 psu saltier than surrounding profiles. Drift may have begun cycle 47.
MEDS	4902470	Blair Greenan	Argo CANADA	2020/05/17	40	2020/0					

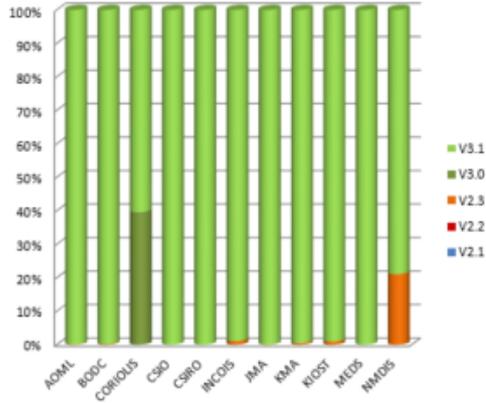
**Metadata Files - Dead floats**



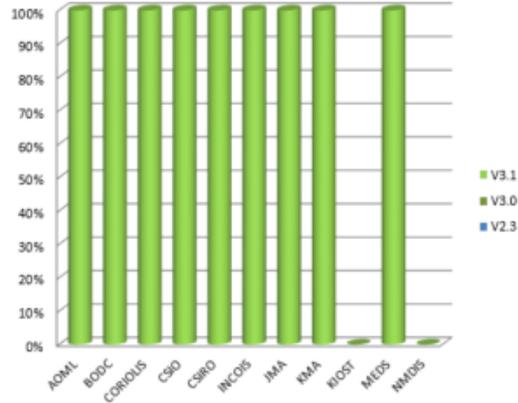
**Metadata Files - Active floats**



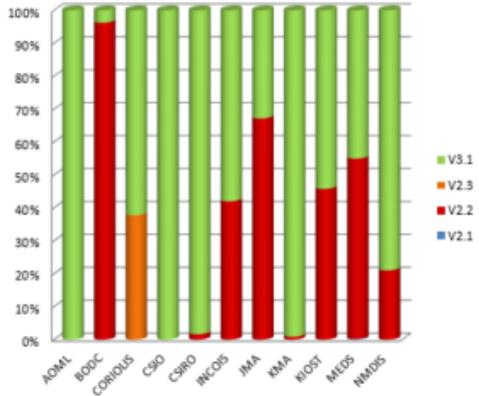
**Technical Files - Dead floats**



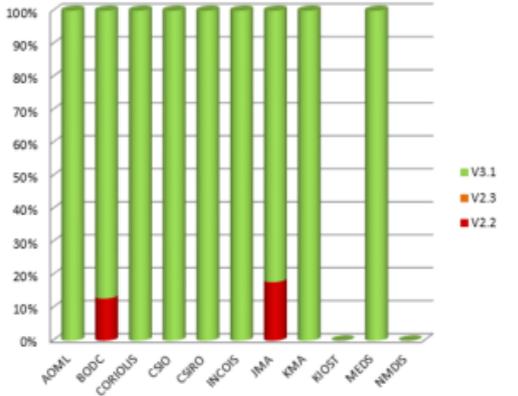
**Technical Files - Active floats**



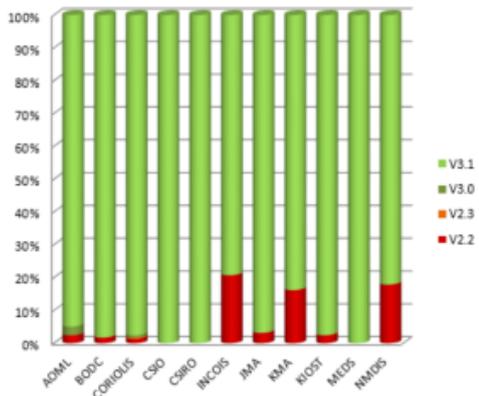
**Trajectory Files - Dead floats**



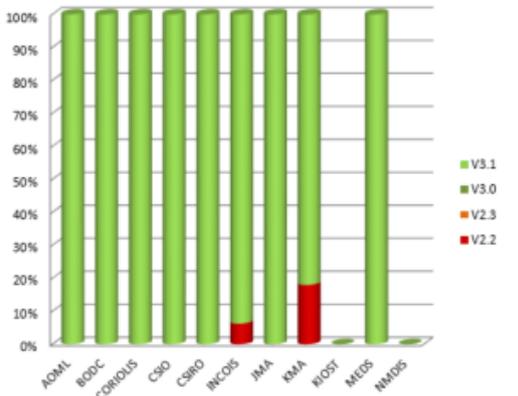
**Trajectory Files - Active floats**



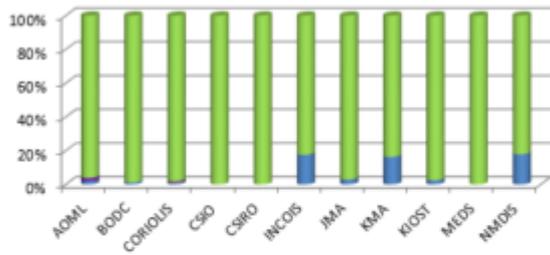
**Profile files - Dead floats**



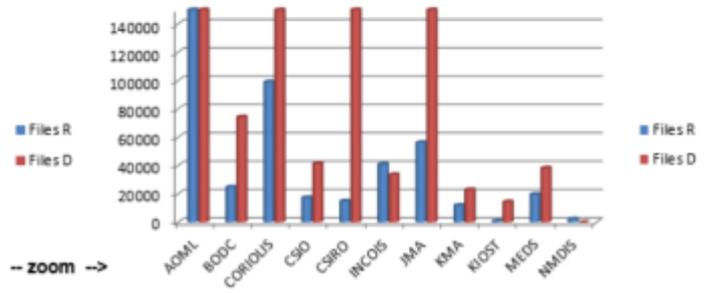
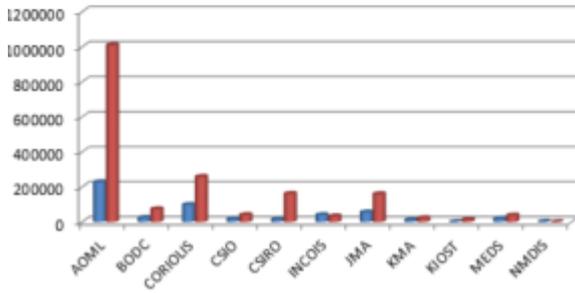
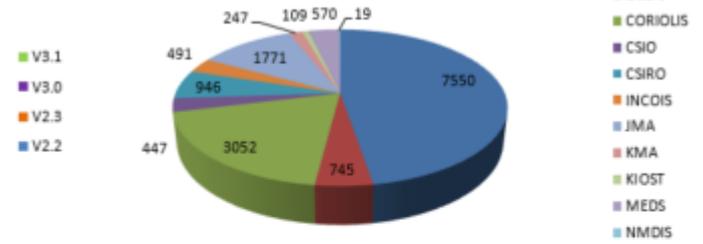
**Profile Files - Active floats**



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

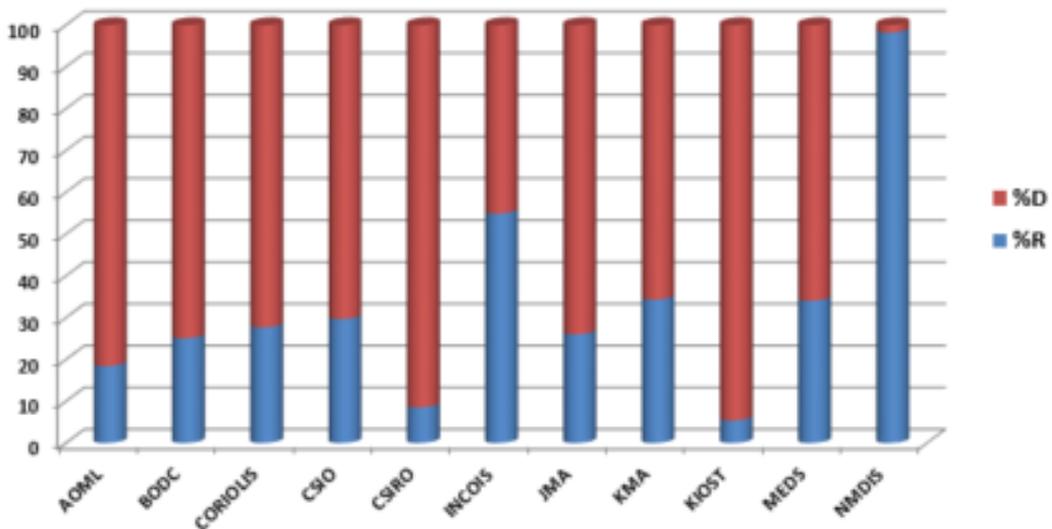


**Float (with profiles)**



Delayed mode percentage by DAC

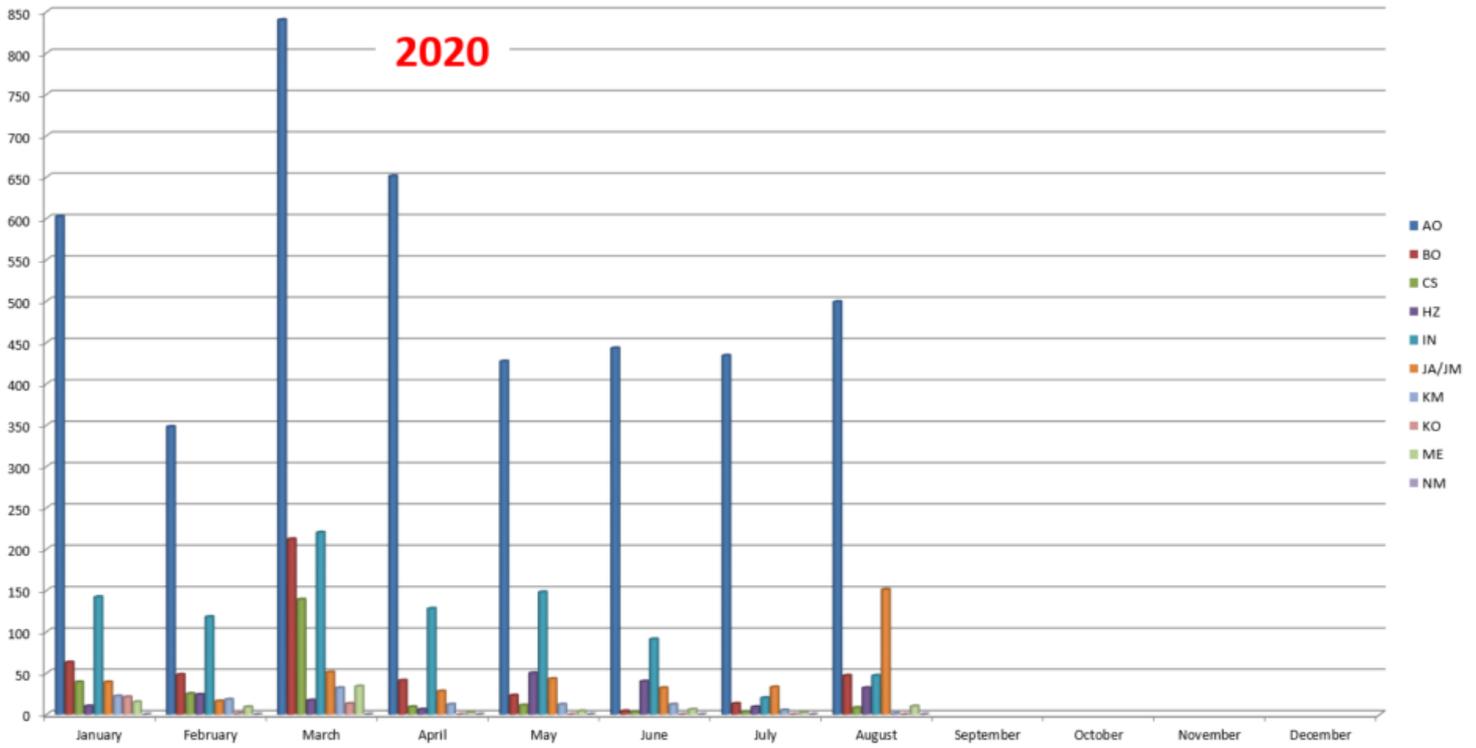
**Percentage of DM and RT files by DAC**



### 3. Statistics on Anomalies

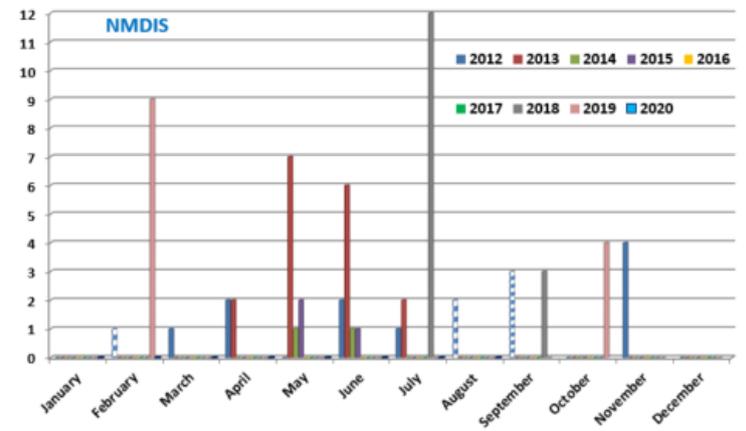
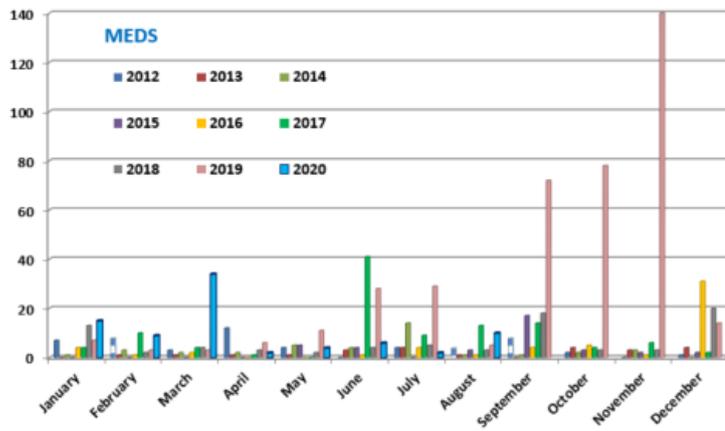
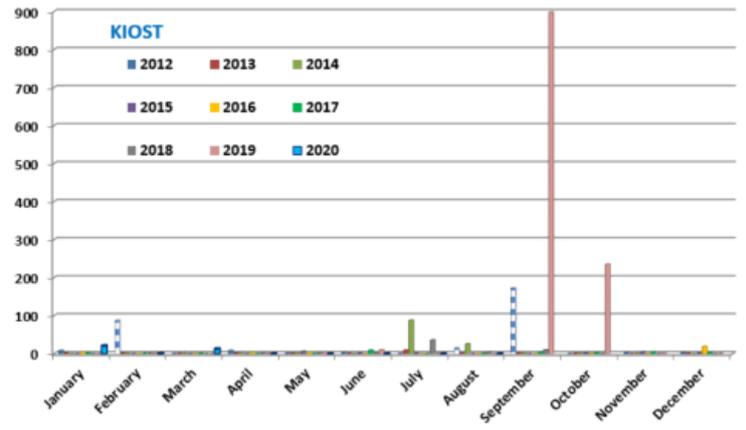
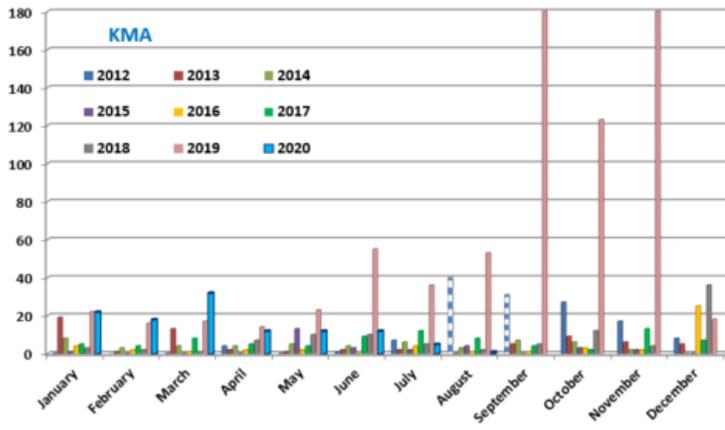
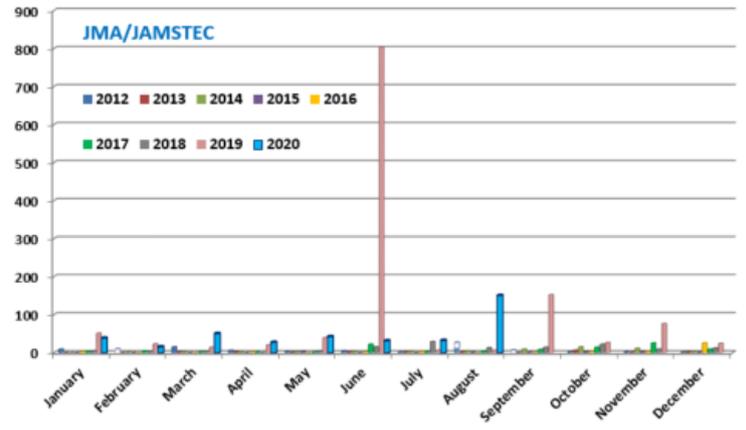
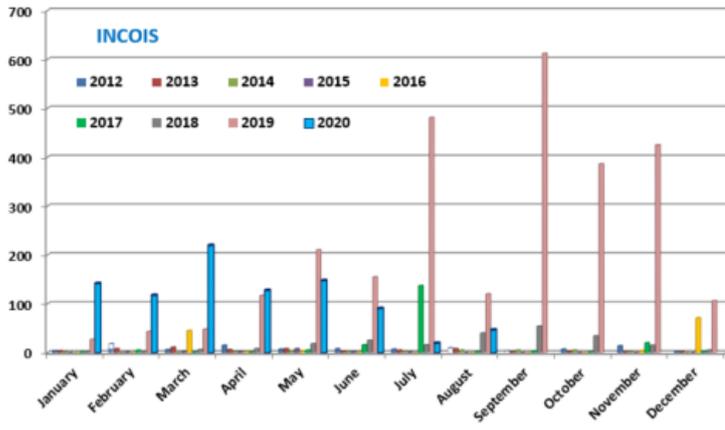
Plots showing evolution of number of anomalies by DAC.

### 3.1. Year

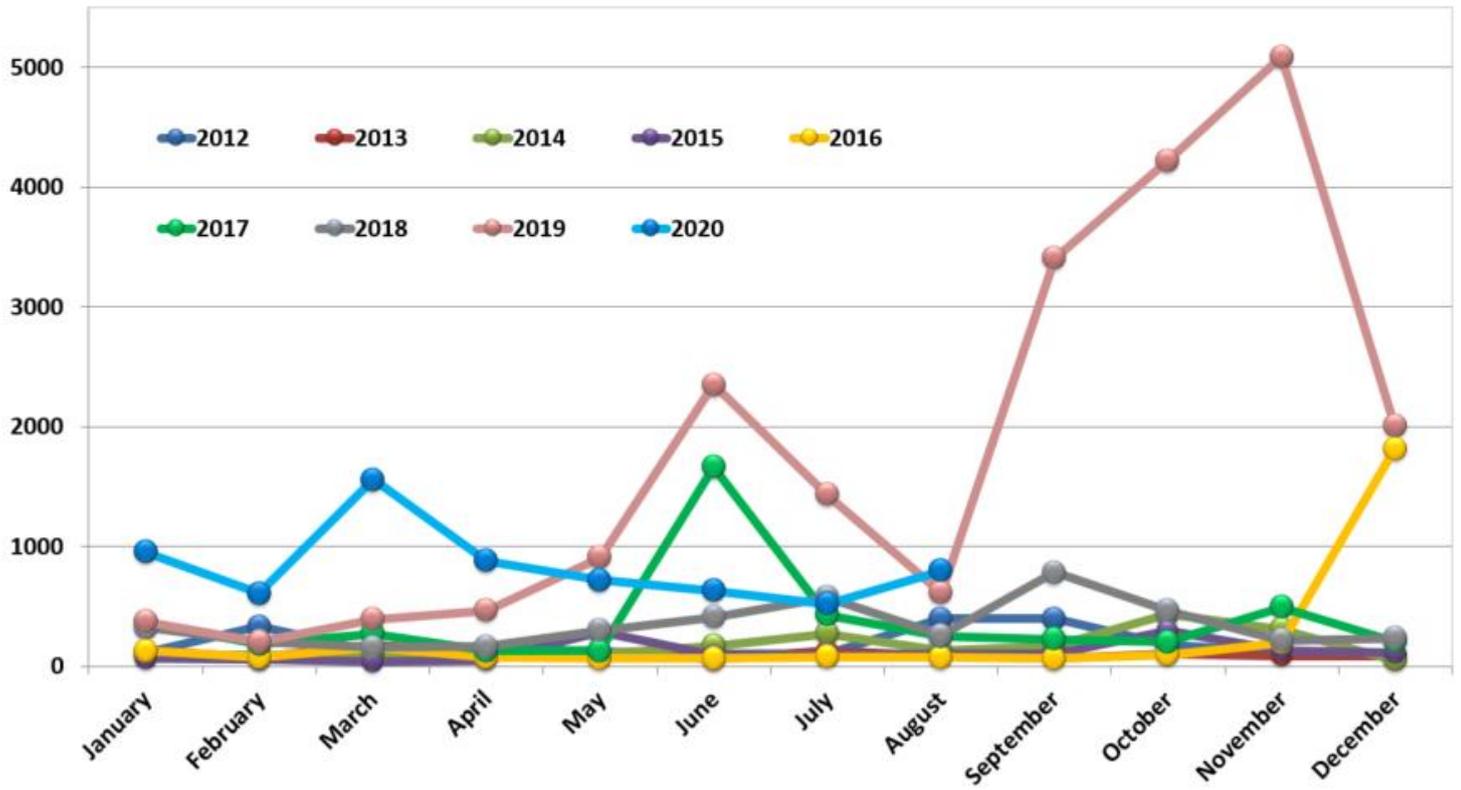


### 3.2. DAC





### 3.3. Anomalies by year, by month

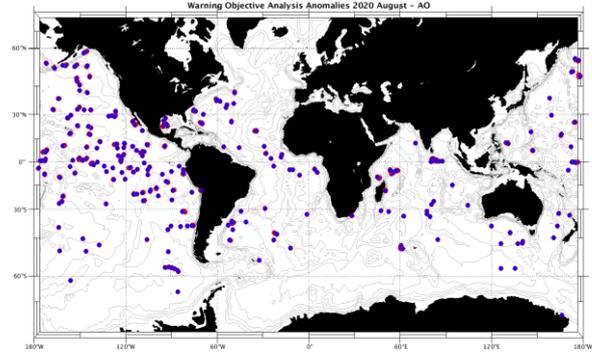
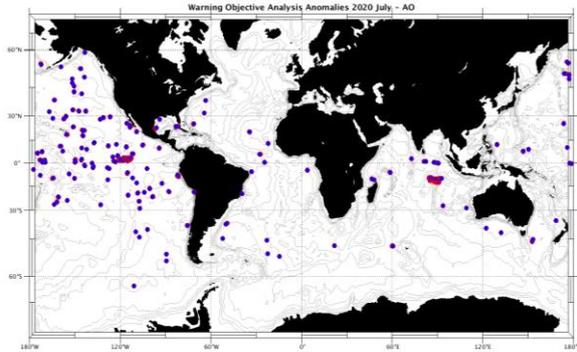


## 4. DAC Anomalies

### 4.1. DAC AOML

Profiles detected by the objective analysis: **July** 434 profiles (137 floats, but floats can have several cycles with anomalies) and **August** 499 profiles (199 floats, but floats can have several cycles with anomalies)

Data_mode ='R'	Data_mode ='A'	Data_mode ='D'
46 cycles	187 cycles	201 cycles
103 cycles	361 cycles	35 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 : 1901639 - Cycle : 236 - PI : BRECK OWENS - Data mode : R - Platform type : S2A - WMO inst type : 854 - FLOAT SERIAL : 7065 - Date : 2019 3 29  
 Float : 1901647 - Cycle : 201 - PI : BRECK OWENS - Data mode : R - Platform type : S2A - WMO inst type : 854 - FLOAT SERIAL : 7075 - Date : 2018 7 4  
 Float : 1901675 - Cycle : 202 - PI : BRECK OWENS, STEVE JAYNE, P.E. ROBBINS - Data mode : R - Platform type : S2A - WMO inst type : 854 - FLOAT SERIAL : 7041 - Date : 2018 3 2  
 Float : 1901691 - Cycle : 131 - PI : BRECK OWENS, STEVE JAYNE, P.E. ROBBINS - Data mode : R - Platform type : S2A - WMO inst type : 854 - FLOAT SERIAL : 7148 - Date : 2016 5 20  
 Float : 1901805 - Cycle : 135 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : NAVIS\_A - WMO inst type : 863 - FLOAT SERIAL : 0680 - Date : 2020 7 28  
 Float : 1901805 - Cycle : 136 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : NAVIS\_A - WMO inst type : 863 - FLOAT SERIAL : 0680 - Date : 2020 8 7  
 Float : 1901805 - Cycle : 137 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : NAVIS\_A - WMO inst type : 863 - FLOAT SERIAL : 0680 - Date : 2020 8 17  
 Float : 1901805 - Cycle : 138 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : NAVIS\_A - WMO inst type : 863 - FLOAT SERIAL : 0680 - Date : 2020 8 27  
 Float : 1901812 - Cycle : 168 - PI : BRECK OWENS, STEVEN JAYNE, P.E. ROBBINS - Data mode : R - Platform type : S2A - WMO inst type : 854 - FLOAT SERIAL : 7325 - Date : 2020 7 26  
 Float : 1901812 - Cycle : 169 - PI : BRECK OWENS, STEVEN JAYNE, P.E. ROBBINS - Data mode : R - Platform type : S2A - WMO inst type : 854 - FLOAT SERIAL : 7325 - Date : 2020 8 5  
 Float : 1901818 - Cycle : 155 - PI : BRECK OWENS, STEVEN JAYNE, P.E. ROBBINS - Data mode : A - Platform type : S2A - WMO inst type : 854 - FLOAT SERIAL : 7354 - Date : 2020 8 6  
 Float : 1901818 - Cycle : 157 - PI : BRECK OWENS, STEVEN JAYNE, P.E. ROBBINS - Data mode : A - Platform type : S2A - WMO inst type : 854 - FLOAT SERIAL : 7354 - Date : 2020 8 25  
 Float : 1901819 - Cycle : 155 - PI : BRECK OWENS, STEVEN JAYNE, P.E. ROBBINS - Data mode : R - Platform type : S2A - WMO inst type : 854 - FLOAT SERIAL : 7355 - Date : 2020 8 4  
 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 : 1901826 - Cycle : 136 - PI : BRECK OWENS, STEVEN JAYNE, P.E. ROBBINS - Data mode : R - Platform type : S2A - WMO inst type : 854 - FLOAT SERIAL : 7383 - Date : 2020 7 20  
 Float : 1901826 - Cycle : 139 - PI : BRECK OWENS, STEVEN JAYNE, P.E. ROBBINS - Data mode : R - Platform type : S2A - WMO inst type : 854 - FLOAT SERIAL : 7383 - Date : 2020 8 19  
 Float : 1902032 - Cycle : 137 - PI : DEAN ROEMMICH - Data mode : R - Platform type : SOLO\_II - WMO inst type : 853 - FLOAT SERIAL : 8500 - Date : 2020 7 27  
 Float : 1902043 - Cycle : 59 - PI : DEAN ROEMMICH - Data mode : R - Platform type : SOLO\_II - WMO inst type : 853 - FLOAT SERIAL : 8730 - Date : 2020 8 13  
 Float : 1902045 - Cycle : 58 - PI : DEAN ROEMMICH - Data mode : R - Platform type : SOLO\_II - WMO inst type : 853 - FLOAT SERIAL : 8732 - Date : 2020 8 3  
 Float : 1902048 - Cycle : 58 - PI : DEAN ROEMMICH - Data mode : R - Platform type : SOLO\_II - WMO inst type : 853 - FLOAT SERIAL : 8735 - Date : 2020 8 4  
 Float : 1902057 - Cycle : 134 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : NAVIS\_A - WMO inst type : 863 - FLOAT SERIAL : 0707 - Date : 2020 7 19  
 Float : 1902057 - Cycle : 135 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : NAVIS\_A - WMO inst type : 863 - FLOAT SERIAL : 0707 - Date : 2020 7 29  
 Float : 1902057 - Cycle : 136 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : NAVIS\_A - WMO inst type : 863 - FLOAT SERIAL : 0707 - Date : 2020 8 8  
 Float : 1902057 - Cycle : 137 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : NAVIS\_A - WMO inst type : 863 - FLOAT SERIAL : 0707 - Date : 2020 8 18  
 Float : 1902198 - Cycle : 77 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : NAVIS\_A - WMO inst type : 863 - FLOAT SERIAL : 0856 - Date : 2020 7 29  
 Float : 1902198 - Cycle : 78 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : NAVIS\_A - WMO inst type : 863 - FLOAT SERIAL : 0856 - Date : 2020 8 8  
 Float : 1902198 - Cycle : 79 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : NAVIS\_A - WMO inst type : 863 - FLOAT SERIAL : 0856 - Date : 2020 8 18  
 Float : 1902210 - Cycle : 91 - PI : BRECK OWENS, STEVEN JAYNE, P.E. ROBBINS - Data mode : R - Platform type : S2A - WMO inst type : 854 - FLOAT SERIAL : 7478 - Date : 2020 8 11  
 Float : 1902225 - Cycle : 47 - PI : BRECK OWENS, STEVEN JAYNE, P.E. ROBBINS - Data mode : R - Platform type : ALTO - WMO inst type : 873 - FLOAT SERIAL : 11021 - Date : 2020 7 3  
 Float : 1902252 - Cycle : 0 - PI : DEAN ROEMMICH, SARAH PURKEY, NATHALIE ZILBERMAN, JOHN GILSON - Data mode : R - Platform type : SOLO\_II - WMO inst type : 853 - FLOAT SERIAL : 8871 - Date : 2020 8 24  
 Float : 1902253 - Cycle : 0 - PI : DEAN ROEMMICH, SARAH PURKEY, NATHALIE ZILBERMAN, JOHN GILSON - Data mode : R - Platform type : SOLO\_II - WMO inst type : 853 - FLOAT SERIAL : 8872 - Date : 2020 8 24  
 Float : 1902255 - Cycle : 0 - PI : DEAN ROEMMICH, SARAH PURKEY, NATHALIE ZILBERMAN, JOHN GILSON - Data mode : R - Platform type : SOLO\_II - WMO inst type : 853 - FLOAT SERIAL : 8875 - Date : 2020 8 26



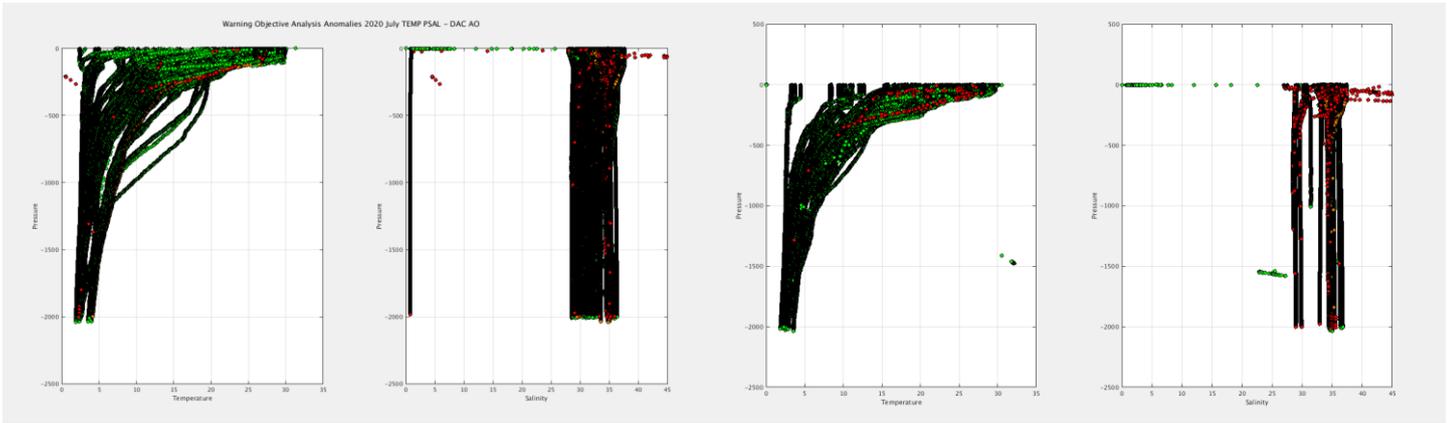










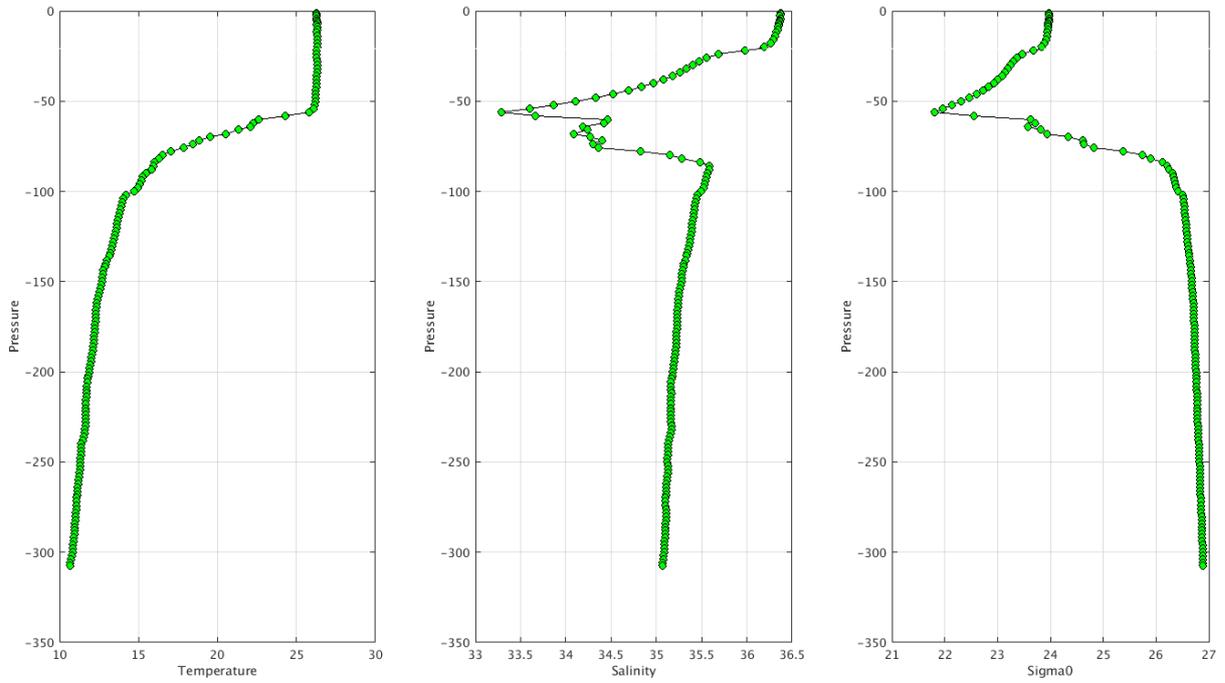


Plot for the first profiles (July & August).

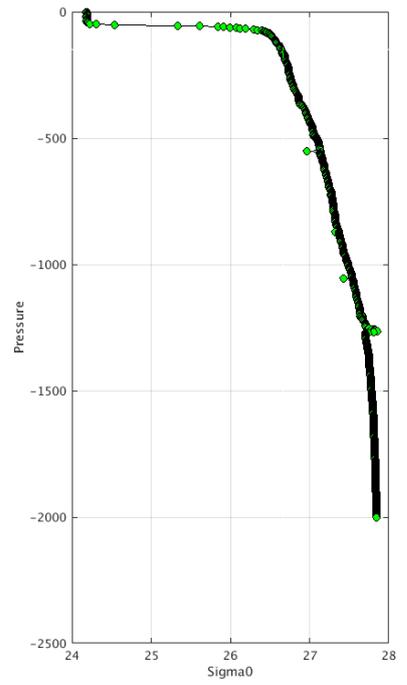
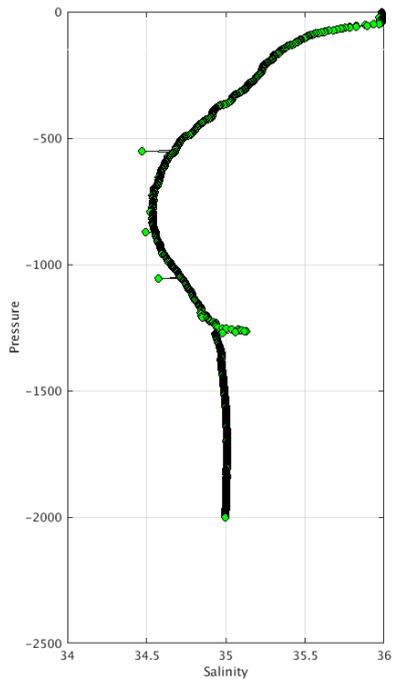
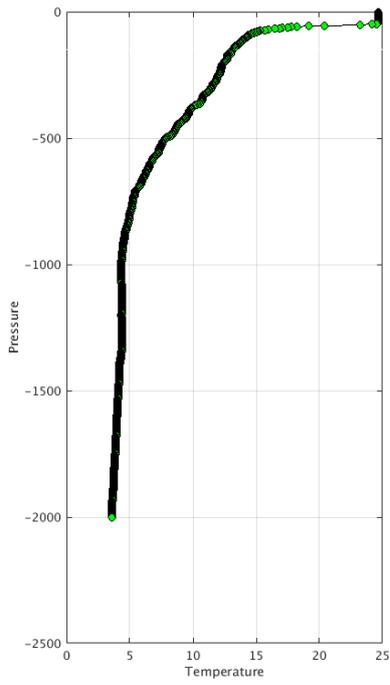
The list of the anomalies can be found at <ftp://ftp.ifremer.fr/ifremer/argo/etc/ObjectiveAnalysisWarning/aom/>

Example of anomalies:

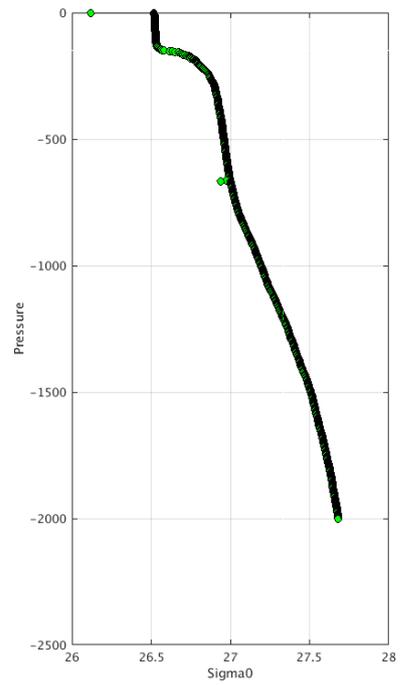
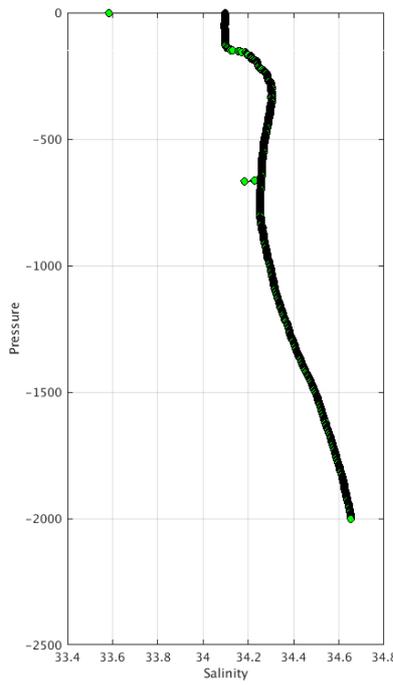
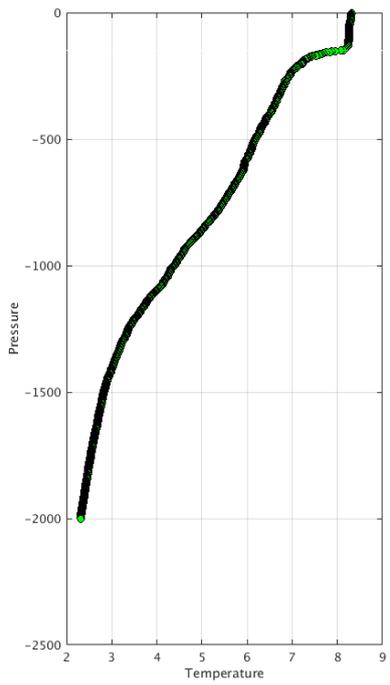
Warning Objective Analysis Anomalies 2020 August TEMP PSAL : DAC AO- Float 1901691 - 131



Warning Objective Analysis Anomalies 2020 August TEMP PSAL: DAC AO- Float 1901818 - 155



Warning Objective Analysis Anomalies 2020 August TEMP PSAL: DAC AO- Float 3901473 - 105

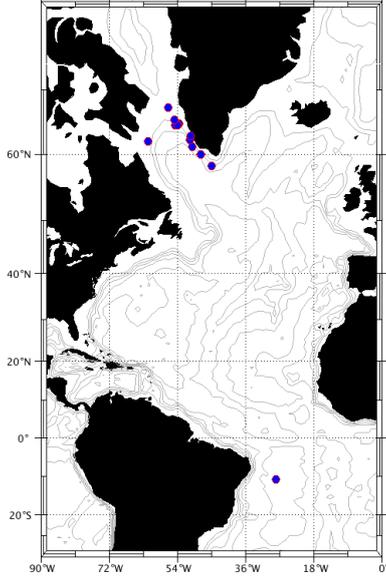


## 4.2. DAC BODC

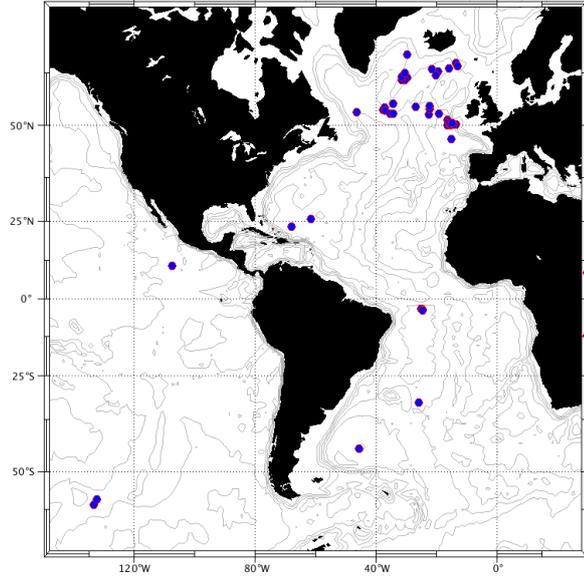
Profiles detected by the objective analysis: **July 13** profiles (2 floats, but floats can have several cycles with anomalies) and **August 47** profiles (14 floats, but floats can have several cycles with anomalies)

Data_mode ='R'	Data_mode ='A'	Data_mode ='D'
0 cycle	1 cycle	12 cycles
8 cycles	37 cycles	2 cycles

Warning Objective Analysis Anomalies 2020 July - BO



Warning Objective Analysis Anomalies 2020 August - BO



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

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

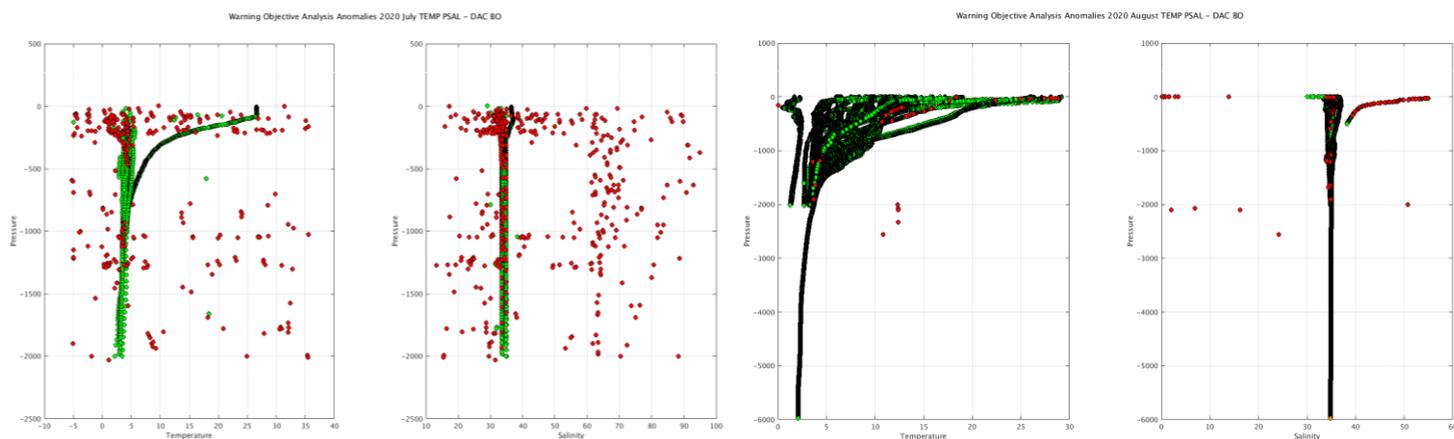
Float : 1901878 - Cycle : 131 - PI : Brian King - Data mode : A - Platform type : NAVIS\_EBR - WMO inst type : 863 - FLOAT SERIAL : 0655 - Date : 2020 8 7  
 Float : 2901891 - Cycle : 1 - PI : Brian King - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7628 - Date : 2016 6 29  
 Float : 2901895 - Cycle : 224 - PI : Brian King - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 2348 - Date : 2020 8 16  
 Float : 3900559 - Cycle : 65 - PI : Jon Turton - Data mode : A - Platform type : NAVIS\_A - WMO inst type : 863 - FLOAT SERIAL : 0252 - Date : 2015 7 27  
 Float : 3901906 - Cycle : 124 - PI : Pierre-Marie Poulain - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : AI2600-16FR069 - Date : 2020 7 24  
 Float : 3901906 - Cycle : 127 - PI : Pierre-Marie Poulain - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : AI2600-16FR069 - Date : 2020 8 23  
 Float : 3901943 - Cycle : 106 - PI : Romain Cancouet - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : AI2600-16FR086 - Date : 2020 8 7  
 Float : 3901947 - Cycle : 93 - PI : Andreas Sterl - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : AI2600-16FR090 - Date : 2020 8 2  
 Float : 3901955 - Cycle : 101 - PI : Andy Rees - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : AI2600-16FR098 - Date : 2020 7 11  
 Float : 3901955 - Cycle : 102 - PI : Andy Rees - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : AI2600-16FR098 - Date : 2020 7 21  
 Float : 3901955 - Cycle : 103 - PI : Andy Rees - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : AI2600-16FR098 - Date : 2020 7 31  
 Float : 3901955 - Cycle : 104 - PI : Andy Rees - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : AI2600-16FR098 - Date : 2020 8 10

Float : 6901166 - Cycle : 224 - PI : Jon Turton - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 6608 - Date : 2020 8 18  
 Float : 6901191 - Cycle : 1 - PI : Brian King - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7626 - Date : 2016 6 22  
 Float : 6901191 - Cycle : 12 - PI : Brian King - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7626 - Date : 2016 10 7  
 Float : 6901191 - Cycle : 152 - PI : Brian King - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7626 - Date : 2020 6 18  
 Float : 6901191 - Cycle : 16 - PI : Brian King - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7626 - Date : 2016 11 15  
 Float : 6901191 - Cycle : 37 - PI : Brian King - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7626 - Date : 2017 6 6  
 Float : 6901191 - Cycle : 38 - PI : Brian King - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7626 - Date : 2017 6 16  
 Float : 6901191 - Cycle : 66 - PI : Brian King - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7626 - Date : 2018 3 10  
 Float : 6901191 - Cycle : 67 - PI : Brian King - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7626 - Date : 2018 3 19  
 Float : 6901191 - Cycle : 68 - PI : Brian King - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7626 - Date : 2018 3 29  
 Float : 6901191 - Cycle : 69 - PI : Brian King - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7626 - Date : 2018 4 7  
 Float : 6901191 - Cycle : 72 - PI : Brian King - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7626 - Date : 2018 5 6  
 Float : 6901191 - Cycle : 79 - PI : Brian King - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7626 - Date : 2018 7 13  
 Float : 6901193 - Cycle : 111 - PI : Brian King - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7627 - Date : 2019 6 21  
 Float : 6901193 - Cycle : 115 - PI : Brian King - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7627 - Date : 2019 7 29  
 Float : 6901193 - Cycle : 118 - PI : Brian King - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7627 - Date : 2019 8 27

Float : 6901193 - Cycle : 128 - PI : Brian King - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7627 - Date : 2019 12 2  
 Float : 6901193 - Cycle : 142 - PI : Brian King - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7627 - Date : 2020 4 16  
 Float : 6901193 - Cycle : 143 - PI : Brian King - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7627 - Date : 2020 4 26  
 Float : 6901193 - Cycle : 145 - PI : Brian King - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7627 - Date : 2020 5 15  
 Float : 6901193 - Cycle : 147 - PI : Brian King - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7627 - Date : 2020 6 4  
 Float : 6901193 - Cycle : 148 - PI : Brian King - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7627 - Date : 2020 6 13  
 Float : 6901193 - Cycle : 149 - PI : Brian King - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7627 - Date : 2020 6 23  
 Float : 6901193 - Cycle : 32 - PI : Brian King - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7627 - Date : 2017 5 16  
 Float : 6901193 - Cycle : 41 - PI : Brian King - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7627 - Date : 2017 8 11  
 Float : 6901193 - Cycle : 46 - PI : Brian King - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7627 - Date : 2017 9 29  
 Float : 6901193 - Cycle : 49 - PI : Brian King - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7627 - Date : 2017 10 28  
 Float : 6901193 - Cycle : 75 - PI : Brian King - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7627 - Date : 2018 7 7  
 Float : 6901193 - Cycle : 76 - PI : Brian King - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7627 - Date : 2018 7 16  
 Float : 6901193 - Cycle : 82 - PI : Brian King - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7627 - Date : 2018 9 12  
 Float : 6901193 - Cycle : 95 - PI : Brian King - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7627 - Date : 2019 1 16  
 Float : 6901193 - Cycle : 99 - PI : Brian King - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7627 - Date : 2019 2 24  
 Float : 6901920 - Cycle : 243 - PI : Fiona Grant - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7245 - Date : 2020 8 10  
 Float : 6903720 - Cycle : 20 - PI : Brian King - Data mode : A - Platform type : APEX - WMO inst type : 849 - FLOAT SERIAL : 0024 - Date : 2020 6 11

**Files data mode='D'**

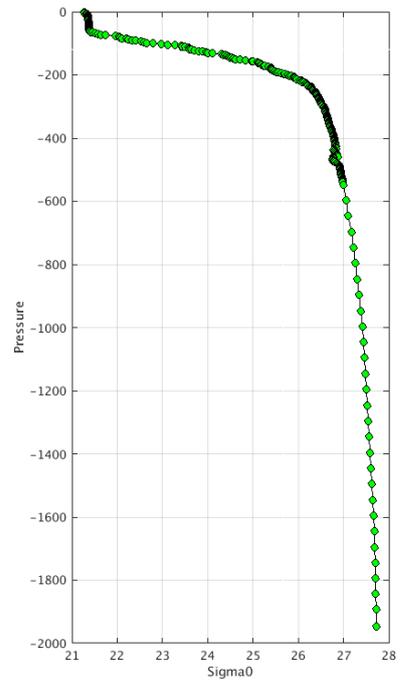
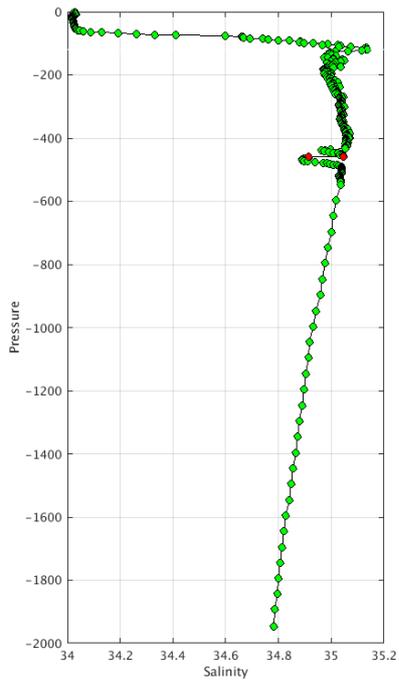
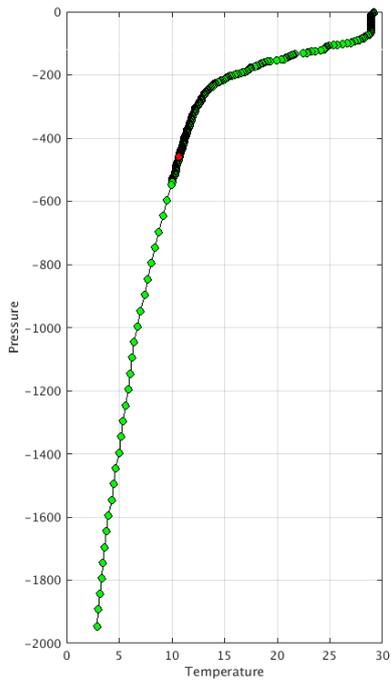
Float : 3901530 - Cycle : 124 - PI : Giorgio Dall'Olmo - Data mode : D - Platform type : PROVOR\_III - WMO inst type : 836 - FLOAT SERIAL : OIN14EN-S4-09 - Date : 2018 7 9  
 Float : 6900198 - Cycle : 14 - PI : Jon Turton - Data mode : D - Platform type : PROVOR - WMO inst type : 842 - FLOAT SERIAL : OIN-00-02-34 - Date : 2002 4 26  
 Float : 6900198 - Cycle : 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 : 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 : 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 : 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 : 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 : 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 : 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 : 6901182 - Cycle : 110 - PI : Giorgio Dall'Olmo - Data mode : D - Platform type : PROVOR\_III - WMO inst type : 836 - FLOAT SERIAL : OIN14EN-S4-04 - Date : 2017 5 18



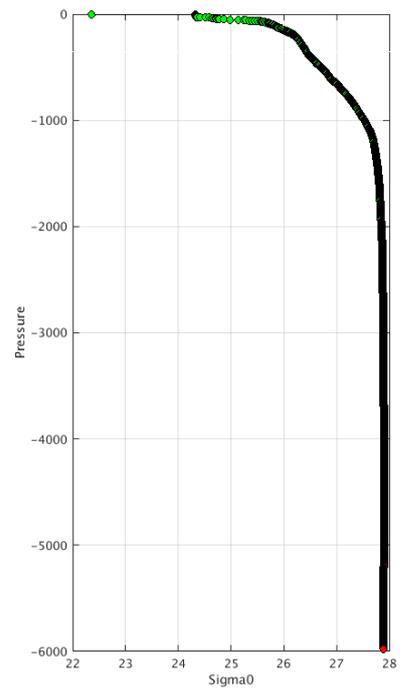
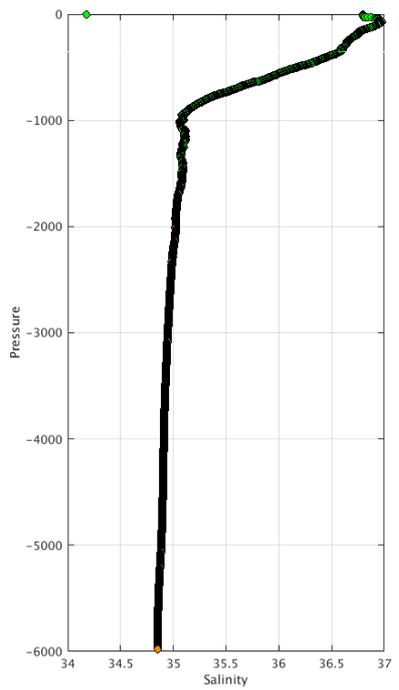
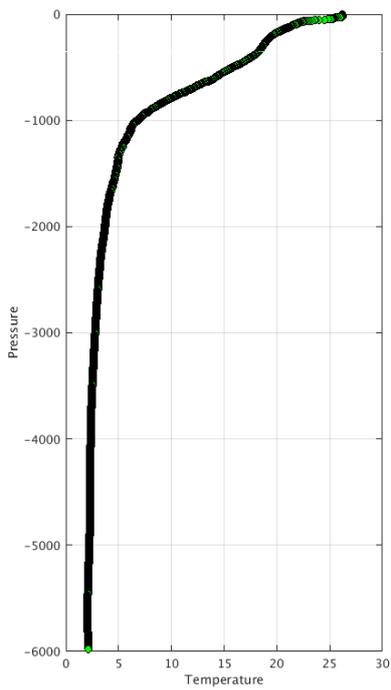
The list of the anomalies can be found at <http://ftp.ifremer.fr/ifremer/argo/etc/ObjectiveAnalysisWarning/bodc/>

**Example of anomalies:**

Warning Objective Analysis Anomalies 2020 August TEMP PSAL : DAC BO- Float 2901895 - 224



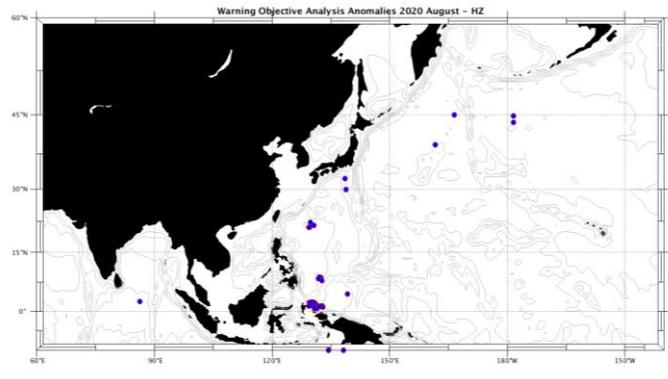
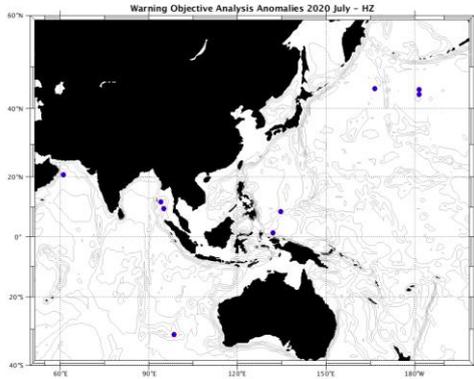
Warning Objective Analysis Anomalies 2020 August TEMP PSAL : DAC BO- Float 6903720 - 20



### 4.3. DAC CSIO

Profiles detected by the objective analysis: **July** 9 profiles (6 floats, but floats can have several cycles with anomalies) and **August** 32 profiles (12 floats, but floats can have several cycles with anomalies)

Data_mode ='R'	Data_mode ='A'	Data_mode ='D'
0 cycle	2 cycles	7 cycles
3 cycles	23 cycles	6 cycles



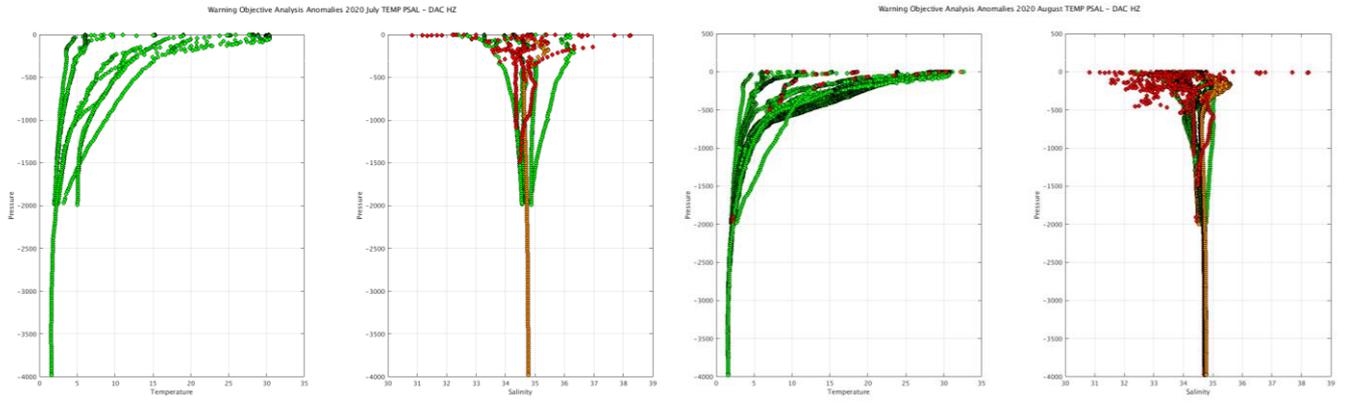
**Status of corrections: No feedback, corrections not always done.**

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

Float : 2901520 - Cycle : 278 - PI : JIANPING XU - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 5692 - Date : 2020 7 7  
 Float : 2901520 - Cycle : 280 - PI : JIANPING XU - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 5692 - Date : 2020 7 27  
 Float : 2901520 - Cycle : 281 - PI : JIANPING XU - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 5692 - Date : 2020 8 6  
 Float : 2901520 - Cycle : 282 - PI : JIANPING XU - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 5692 - Date : 2020 8 16  
 Float : 2901520 - Cycle : 283 - PI : JIANPING XU - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 5692 - Date : 2020 8 26  
 Float : 2901548 - Cycle : 242 - PI : JIANPING XU - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 6573 - Date : 2020 8 13  
 Float : 2902723 - Cycle : 5 - PI : JIANPING XU - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 8253 - Date : 2018 6 3  
 Float : 2902733 - Cycle : 40 - PI : YU ZHANG - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7510 - Date : 2016 12 13  
 Float : 2902738 - Cycle : 71 - PI : JIANPING XU - Data mode : A - Platform type : ARVOR - WMO inst type : 838 - FLOAT SERIAL : AD1700-17CH002 - Date : 2019 12 20  
 Float : 2902738 - Cycle : 72 - PI : JIANPING XU - Data mode : A - Platform type : ARVOR - WMO inst type : 838 - FLOAT SERIAL : AD1700-17CH002 - Date : 2019 12 30  
 Float : 2902738 - Cycle : 78 - PI : JIANPING XU - Data mode : A - Platform type : ARVOR - WMO inst type : 838 - FLOAT SERIAL : AD1700-17CH002 - Date : 2020 2 28  
 Float : 2902738 - Cycle : 79 - PI : JIANPING XU - Data mode : A - Platform type : ARVOR - WMO inst type : 838 - FLOAT SERIAL : AD1700-17CH002 - Date : 2020 3 9  
 Float : 2902738 - Cycle : 80 - PI : JIANPING XU - Data mode : A - Platform type : ARVOR - WMO inst type : 838 - FLOAT SERIAL : AD1700-17CH002 - Date : 2020 3 19  
 Float : 2902738 - Cycle : 81 - PI : JIANPING XU - Data mode : A - Platform type : ARVOR - WMO inst type : 838 - FLOAT SERIAL : AD1700-17CH002 - Date : 2020 3 29  
 Float : 2902738 - Cycle : 82 - PI : JIANPING XU - Data mode : A - Platform type : ARVOR - WMO inst type : 838 - FLOAT SERIAL : AD1700-17CH002 - Date : 2020 4 8  
 Float : 2902738 - Cycle : 83 - PI : JIANPING XU - Data mode : A - Platform type : ARVOR - WMO inst type : 838 - FLOAT SERIAL : AD1700-17CH002 - Date : 2020 4 18  
 Float : 2902738 - Cycle : 84 - PI : JIANPING XU - Data mode : A - Platform type : ARVOR - WMO inst type : 838 - FLOAT SERIAL : AD1700-17CH002 - Date : 2020 4 28  
 Float : 2902738 - Cycle : 85 - PI : JIANPING XU - Data mode : A - Platform type : ARVOR - WMO inst type : 838 - FLOAT SERIAL : AD1700-17CH002 - Date : 2020 5 8  
 Float : 2902738 - Cycle : 86 - PI : JIANPING XU - Data mode : A - Platform type : ARVOR - WMO inst type : 838 - FLOAT SERIAL : AD1700-17CH002 - Date : 2020 5 18  
 Float : 2902738 - Cycle : 87 - PI : JIANPING XU - Data mode : A - Platform type : ARVOR - WMO inst type : 838 - FLOAT SERIAL : AD1700-17CH002 - Date : 2020 5 28  
 Float : 2902738 - Cycle : 88 - PI : JIANPING XU - Data mode : A - Platform type : ARVOR - WMO inst type : 838 - FLOAT SERIAL : AD1700-17CH002 - Date : 2020 6 7  
 Float : 2902738 - Cycle : 89 - PI : JIANPING XU - Data mode : A - Platform type : ARVOR - WMO inst type : 838 - FLOAT SERIAL : AD1700-17CH002 - Date : 2020 6 17  
 Float : 2902738 - Cycle : 90 - PI : JIANPING XU - Data mode : A - Platform type : ARVOR - WMO inst type : 838 - FLOAT SERIAL : AD1700-17CH002 - Date : 2020 6 27  
 Float : 2902738 - Cycle : 91 - PI : JIANPING XU - Data mode : A - Platform type : ARVOR - WMO inst type : 838 - FLOAT SERIAL : AD1700-17CH002 - Date : 2020 7 7  
 Float : 2902754 - Cycle : 37 - PI : FEI CHAI - Data mode : R - Platform type : PROVOR - WMO inst type : 841 - FLOAT SERIAL : P41308-17CH003 - Date : 2018 12 8  
 Float : 2902754 - Cycle : 92 - PI : FEI CHAI - Data mode : R - Platform type : PROVOR - WMO inst type : 841 - FLOAT SERIAL : P41308-17CH003 - Date : 2019 9 9  
 Float : 2902755 - Cycle : 161 - PI : FEI CHAI - Data mode : R - Platform type : PROVOR - WMO inst type : 841 - FLOAT SERIAL : P41308-17CH004 - Date : 2019 8 30  
 Float : 2902778 - Cycle : 24 - PI : FENG ZHOU - Data mode : A - Platform type : PROVOR - WMO inst type : 841 - FLOAT SERIAL : P32800-19CH028 - Date : 2020 8 20

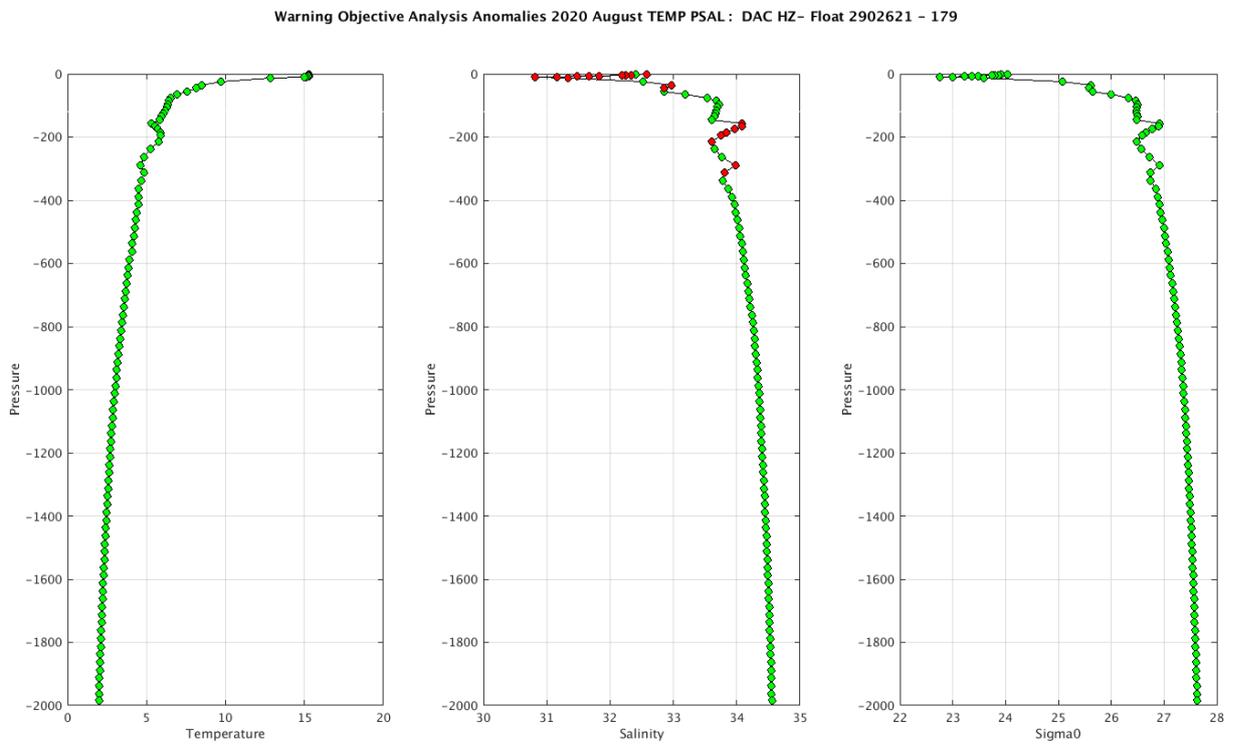
#### Files data\_mode='D'

Float : 2902568 - Cycle : 52 - PI : ZENGHONG LIU - Data mode : D - Platform type : PROVOR - WMO inst type : 841 - FLOAT SERIAL : OIN-12-CH1-S31-16 - Date : 2015 6 18  
 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 : 2902616 - Cycle : 60 - PI : ZENGHONG LIU - Data mode : D - Platform type : PROVOR - WMO inst type : 841 - FLOAT SERIAL : OIN-13CH-S31-69 - Date : 2016 1 20  
 Float : 2902616 - Cycle : 76 - PI : ZENGHONG LIU - Data mode : D - Platform type : PROVOR - WMO inst type : 841 - FLOAT SERIAL : OIN-13CH-S31-69 - Date : 2016 6 28  
 Float : 2902621 - Cycle : 179 - PI : ZENGHONG LIU - Data mode : D - Platform type : PROVOR - WMO inst type : 841 - FLOAT SERIAL : OIN-13CH-S31-08 - Date : 2019 8 14  
 Float : 2902621 - Cycle : 198 - PI : ZENGHONG LIU - Data mode : D - Platform type : PROVOR - WMO inst type : 841 - FLOAT SERIAL : OIN-13CH-S31-08 - Date : 2020 2 20  
 Float : 2902621 - Cycle : 35 - PI : ZENGHONG LIU - Data mode : D - Platform type : PROVOR - WMO inst type : 841 - FLOAT SERIAL : OIN-13CH-S31-08 - Date : 2015 9 3  
 Float : 2902717 - Cycle : 266 - PI : JIANPING XU - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 8247 - Date : 2020 7 27  
 Float : 2902718 - Cycle : 22 - PI : JIANPING XU - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 8248 - Date : 2018 9 7  
 Float : 2902720 - Cycle : 49 - PI : JIANPING XU - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 8250 - Date : 2018 8 9



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

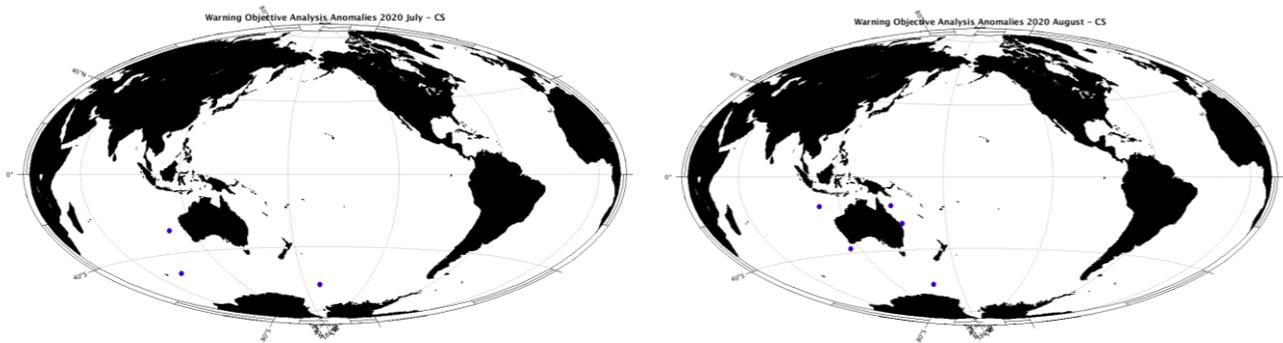
Example of anomalies:



#### 4.4. DAC CSIRO

Profiles detected by the objective analysis: **July** 3 profiles (3 floats, but floats can have several cycles with anomalies) and **August** 8 profiles (5 floats, but floats can have several cycles with anomalies)

Data_mode ='R'	Data_mode ='A'	Data_mode ='D'
0 cycle	3 cycles	0 cycle
0 cycle	7 cycles	0 cycle

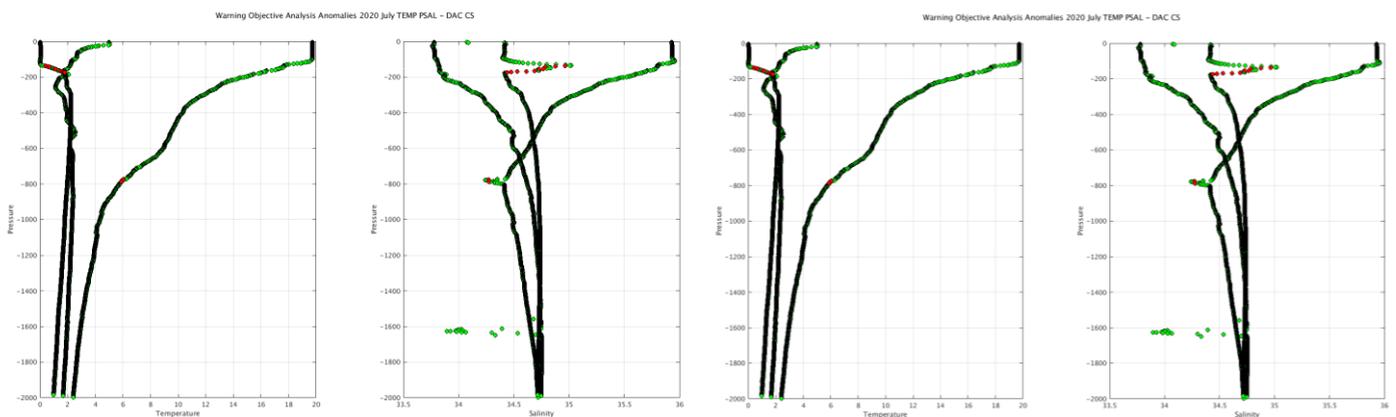


**Status of corrections: Corrections done or in progress, regular feedback.**

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

Float : 5904239 - Cycle : 264 - PI : Susan Wijffels - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 6638 - Date : 2020 7 10  
 Float : 5905214 - Cycle : 101 - PI : Peter Oke - Data mode : A - Platform type : NAVIS\_EBR - WMO inst type : 869 - FLOAT SERIAL : 809 - Date : 2020 8 14  
 Float : 5905434 - Cycle : 37 - PI : Peter Oke - Data mode : A - Platform type : NAVIS\_EBR - WMO inst type : 869 - FLOAT SERIAL : 1092 - Date : 2020 8 9  
 Float : 5905441 - Cycle : 1 - PI : Tom Trull - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7770 - Date : 2019 10 5  
 Float : 5905441 - Cycle : 2 - PI : Tom Trull - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7770 - Date : 2019 10 6  
 Float : 5905441 - Cycle : 3 - PI : Tom Trull - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7770 - Date : 2019 10 7  
 Float : 5905461 - Cycle : 14 - PI : Peter Oke - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 8846 - Date : 2020 6 25  
 Float : 5905474 - Cycle : 2 - PI : Peter Oke - Data mode : A - Platform type : NAVIS\_EBR - WMO inst type : 869 - FLOAT SERIAL : 1091 - Date : 2020 8 16  
 Float : 7900395 - Cycle : 238 - PI : Susan Wijffels - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 6564 - Date : 2020 6 24  
 Float : 7900631 - Cycle : 65 - PI : Peter Oke - Data mode : A - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : AI2600-18AU004 - Date : 2020 8 24

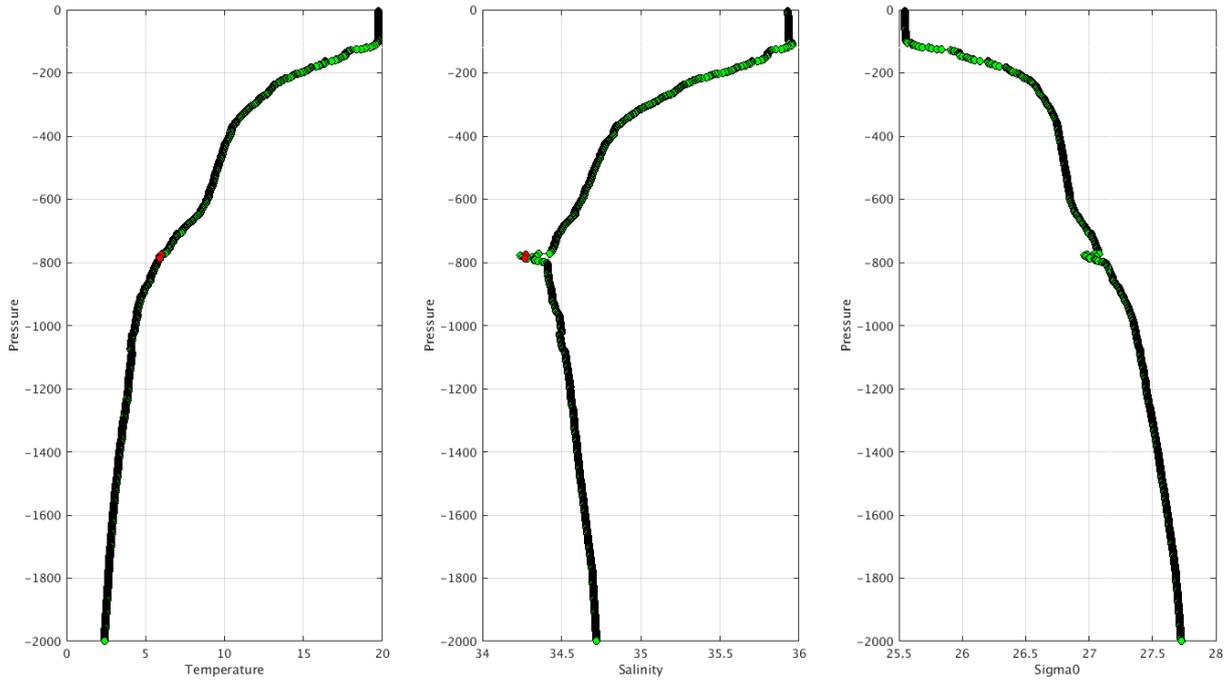
##### Files data\_mode='D'



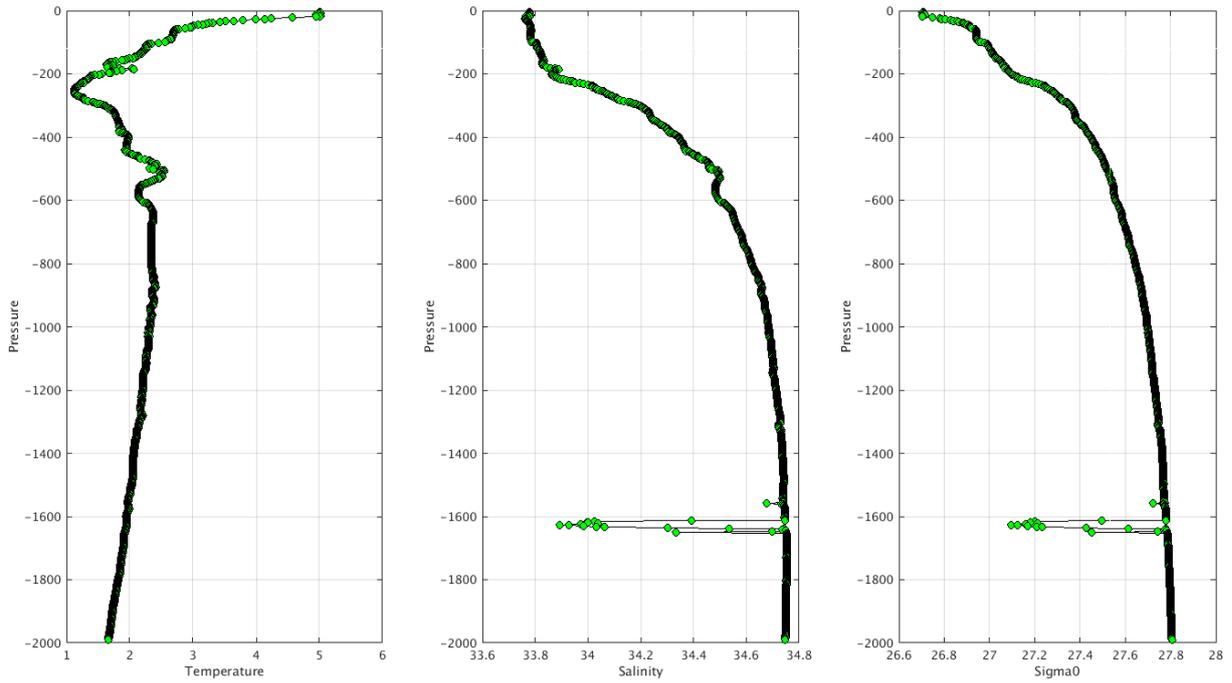
The list of the anomalies can be found at <ftp://ftp.ifremer.fr/ifremer/argo/etc/ObjectiveAnalysisWarning/csiro/>

Example of anomalies:

Warning Objective Analysis Anomalies 2020 July TEMP PSAL : DAC CS- Float 5904239 - 264



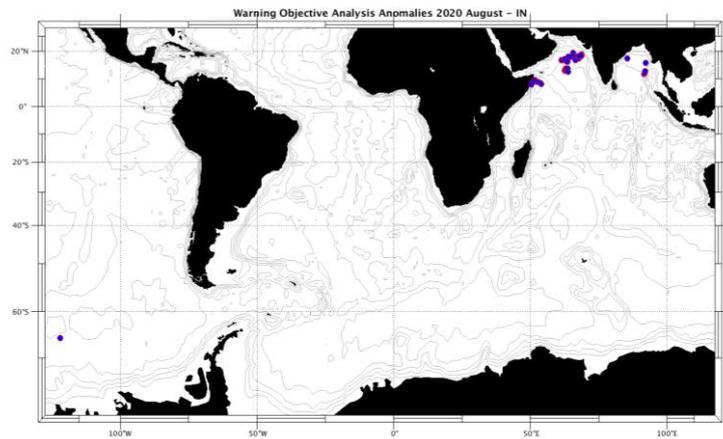
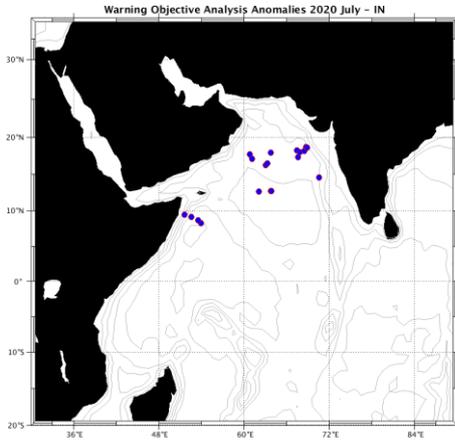
Warning Objective Analysis Anomalies 2020 July TEMP PSAL : DAC CS- Float 5905461 - 14



#### 4.5. DAC INCOIS

Profiles detected by the objective analysis: **July 20** profiles (8 floats, but floats can have several cycles with anomalies) and **August 47** profiles (14 floats, but floats can have several cycles with anomalies)

Data_mode ='R'	Data_mode ='A'	Data_mode ='D'
18 cycles	1 cycle	1 cycle
35 cycles	4 cycles	8 cycles



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

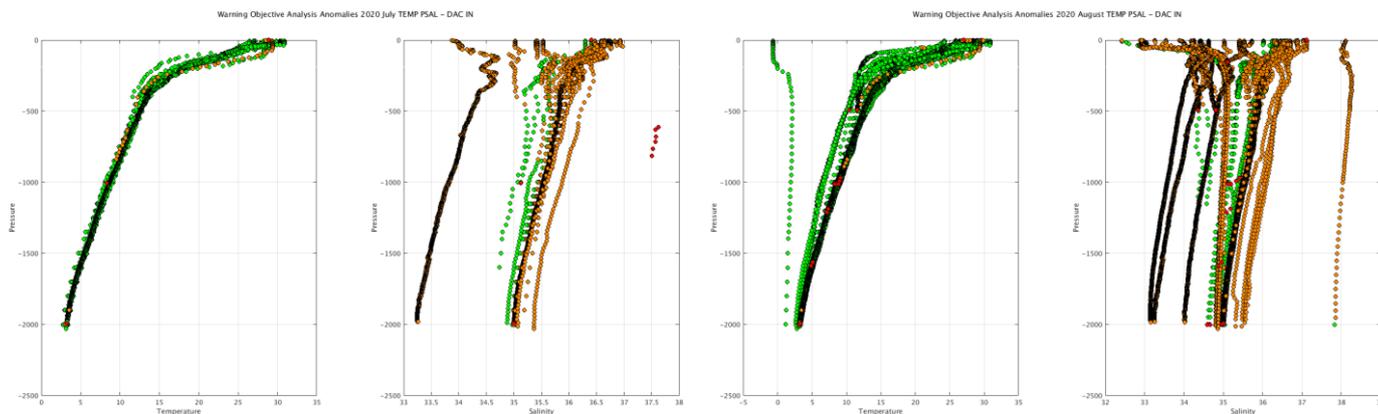
##### Files data\_mode='R'/'A'

Float : 2901348 - Cycle : 313 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 5772 - Date : 2020	8	18
Float : 2902200 - Cycle : 159 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7543 - Date : 2020	7	4
Float : 2902200 - Cycle : 160 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7543 - Date : 2020	7	14
Float : 2902200 - Cycle : 161 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7543 - Date : 2020	7	24
Float : 2902201 - Cycle : 159 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7542 - Date : 2020	7	4
Float : 2902201 - Cycle : 160 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7542 - Date : 2020	7	14
Float : 2902201 - Cycle : 161 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7542 - Date : 2020	7	24
Float : 2902201 - Cycle : 162 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7542 - Date : 2020	8	3
Float : 2902201 - Cycle : 163 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7542 - Date : 2020	8	13
Float : 2902201 - Cycle : 164 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7542 - Date : 2020	8	23
Float : 2902205 - Cycle : 255 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7549 - Date : 2020	8	10
Float : 2902209 - Cycle : 138 - PI : M Ravichandran - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7826 - Date : 2020	6	4
Float : 2902209 - Cycle : 139 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7826 - Date : 2020	6	14
Float : 2902209 - Cycle : 140 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7826 - Date : 2020	6	24
Float : 2902209 - Cycle : 142 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7826 - Date : 2020	7	14
Float : 2902209 - Cycle : 143 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7826 - Date : 2020	7	23
Float : 2902209 - Cycle : 144 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7826 - Date : 2020	8	2
Float : 2902209 - Cycle : 145 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7826 - Date : 2020	8	12
Float : 2902209 - Cycle : 146 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7826 - Date : 2020	8	22
Float : 2902211 - Cycle : 163 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7827 - Date : 2020	3	3
Float : 2902211 - Cycle : 167 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7827 - Date : 2020	4	12
Float : 2902211 - Cycle : 169 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7827 - Date : 2020	5	2
Float : 2902211 - Cycle : 171 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7827 - Date : 2020	5	22
Float : 2902211 - Cycle : 173 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7827 - Date : 2020	6	11
Float : 2902211 - Cycle : 175 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7827 - Date : 2020	7	1
Float : 2902211 - Cycle : 176 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7827 - Date : 2020	7	11
Float : 2902211 - Cycle : 177 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7827 - Date : 2020	7	21
Float : 2902211 - Cycle : 178 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7827 - Date : 2020	7	31
Float : 2902211 - Cycle : 179 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7827 - Date : 2020	8	10
Float : 2902235 - Cycle : 319 - PI : M Ravichandran - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 17007 - Date : 2020	7	22
Float : 2902235 - Cycle : 320 - PI : M Ravichandran - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 17007 - Date : 2020	7	27
Float : 2902235 - Cycle : 321 - PI : M Ravichandran - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 17007 - Date : 2020	8	1
Float : 2902235 - Cycle : 322 - PI : M Ravichandran - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 17007 - Date : 2020	8	6
Float : 2902235 - Cycle : 324 - PI : M Ravichandran - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 17007 - Date : 2020	8	16
Float : 2902236 - Cycle : 232 - PI : M Ravichandran - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 17008 - Date : 2020	8	22
Float : 2902236 - Cycle : 233 - PI : M Ravichandran - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 17008 - Date : 2020	8	27
Float : 2902261 - Cycle : 88 - PI : M Ravichandran - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 17114 - Date : 2020	7	5
Float : 2902268 - Cycle : 53 - PI : M Ravichandran - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 18004 - Date : 2020	7	5

Float : 2902268 - Cycle : 54 - PI : M Ravichandran - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 18004 - Date : 2020 7 15  
 Float : 2902268 - Cycle : 55 - PI : M Ravichandran - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 18004 - Date : 2020 7 25  
 Float : 2902268 - Cycle : 56 - PI : M Ravichandran - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 18004 - Date : 2020 8 4  
 Float : 2902268 - Cycle : 57 - PI : M Ravichandran - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 18004 - Date : 2020 8 14  
 Float : 2902268 - Cycle : 58 - PI : M Ravichandran - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 18004 - Date : 2020 8 24  
 Float : 2902274 - Cycle : 45 - PI : M Ravichandran - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 8671 - Date : 2020 7 18  
 Float : 2902274 - Cycle : 47 - PI : M Ravichandran - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 8671 - Date : 2020 8 8  
 Float : 2902274 - Cycle : 48 - PI : M Ravichandran - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 8671 - Date : 2020 8 18  
 Float : 2902278 - Cycle : 86 - PI : M Ravichandran - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 18006 - Date : 2020 7 28

**Files data mode='D'**

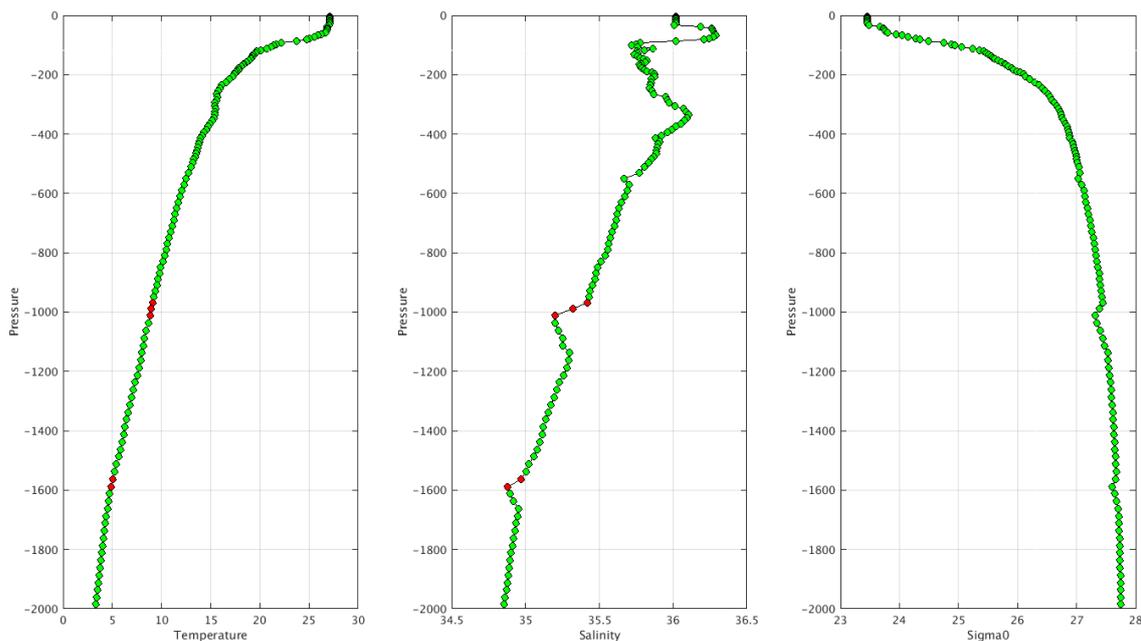
Float : 2900338 - Cycle : 13 - PI : M Ravichandran - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 1280 - Date : 2004 7 2  
 Float : 2900338 - Cycle : 16 - PI : M Ravichandran - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 1280 - Date : 2004 7 17  
 Float : 2900338 - Cycle : 17 - PI : M Ravichandran - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 1280 - Date : 2004 7 22  
 Float : 2900338 - Cycle : 18 - PI : M Ravichandran - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 1280 - Date : 2004 7 27  
 Float : 2900338 - Cycle : 19 - PI : M Ravichandran - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 1280 - Date : 2004 8 1  
 Float : 2900338 - Cycle : 20 - PI : M Ravichandran - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 1280 - Date : 2004 8 6  
 Float : 2900338 - Cycle : 21 - PI : M Ravichandran - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 1280 - Date : 2004 8 11  
 Float : 2902092 - Cycle : 73 - PI : M Ravichandran - Data mode : D - Platform type : PROVOR\_III - WMO inst type : 836 - FLOAT SERIAL : OIN 12\_IND-FLBB-02 - Date : 2014 11 15  
 Float : 2902093 - Cycle : 86 - PI : M Ravichandran - Data mode : D - Platform type : PROVOR\_III - WMO inst type : 836 - FLOAT SERIAL : OIN 12\_IND-FLBB-04 - Date : 2015 4 4



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

**Example of anomalies:**

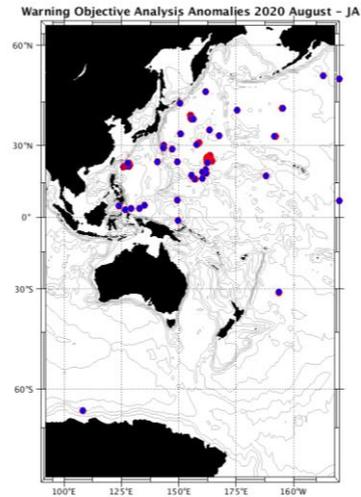
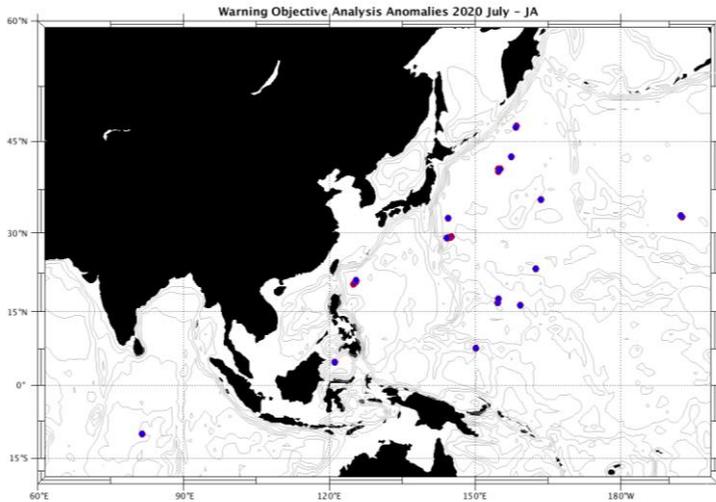
Warning Objective Analysis Anomalies 2020 August TEMP PSAL : DAC IN- Float 2902092 - 73



#### 4.6. DAC JMA/JAMSTEC

Profiles detected by the objective analysis: **July** 33 profiles (13 floats, but floats can have several cycles with anomalies) and **August** 151 profiles (27 floats, but floats can have several cycles with anomalies)

Data_mode ='R'	Data_mode ='A'	Data_mode ='D'
23 cycles	3 cycles	7 cycles
110 cycles	29 cycles	12 cycles



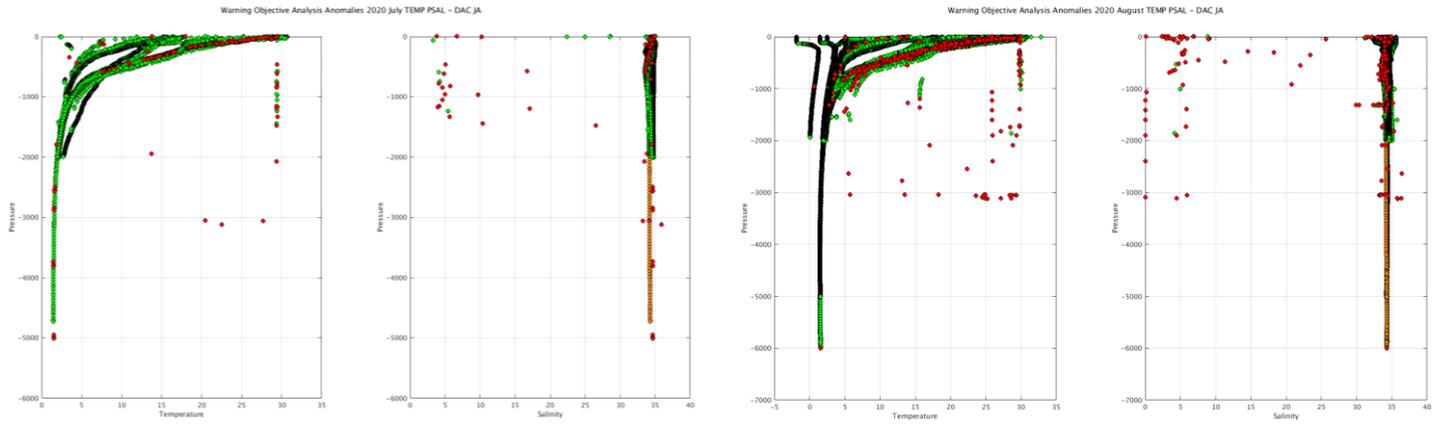
**Status of corrections: Correction in progress, feedbacks each month**

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

Float : 2903191 - Cycle : 178 - PI : JMA - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : AJ1000-17JP001 - Date : 2020	6	26
Float : 2903191 - Cycle : 179 - PI : JMA - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : AJ1000-17JP001 - Date : 2020	7	1
Float : 2903191 - Cycle : 180 - PI : JMA - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : AJ1000-17JP001 - Date : 2020	7	6
Float : 2903191 - Cycle : 181 - PI : JMA - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : AJ1000-17JP001 - Date : 2020	7	11
Float : 2903191 - Cycle : 182 - PI : JMA - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : AJ1000-17JP001 - Date : 2020	7	16
Float : 2903191 - Cycle : 183 - PI : JMA - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : AJ1000-17JP001 - Date : 2020	7	21
Float : 2903191 - Cycle : 184 - PI : JMA - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : AJ1000-17JP001 - Date : 2020	7	26
Float : 2903191 - Cycle : 185 - PI : JMA - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : AJ1000-17JP001 - Date : 2020	7	31
Float : 2903191 - Cycle : 186 - PI : JMA - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : AJ1000-17JP001 - Date : 2020	8	5
Float : 2903191 - Cycle : 187 - PI : JMA - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : AJ1000-17JP001 - Date : 2020	8	10
Float : 2903191 - Cycle : 188 - PI : JMA - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : AJ1000-17JP001 - Date : 2020	8	15
Float : 2903191 - Cycle : 189 - PI : JMA - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : AJ1000-17JP001 - Date : 2020	8	20
Float : 2903191 - Cycle : 190 - PI : JMA - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : AJ1000-17JP001 - Date : 2020	8	25
Float : 2903210 - Cycle : 212 - PI : JAMSTEC - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7884 - Date : 2020	4	16
Float : 2903212 - Cycle : 10 - PI : JAMSTEC - Data mode : R - Platform type : APEX_D - WMO inst type : 849 - FLOAT SERIAL : 29 - Date : 2017	12	27
Float : 2903212 - Cycle : 11 - PI : JAMSTEC - Data mode : R - Platform type : APEX_D - WMO inst type : 849 - FLOAT SERIAL : 29 - Date : 2017	12	31
Float : 2903212 - Cycle : 12 - PI : JAMSTEC - Data mode : R - Platform type : APEX_D - WMO inst type : 849 - FLOAT SERIAL : 29 - Date : 2018	1	3
Float : 2903212 - Cycle : 13 - PI : JAMSTEC - Data mode : R - Platform type : APEX_D - WMO inst type : 849 - FLOAT SERIAL : 29 - Date : 2018	1	6
Float : 2903212 - Cycle : 14 - PI : JAMSTEC - Data mode : R - Platform type : APEX_D - WMO inst type : 849 - FLOAT SERIAL : 29 - Date : 2018	1	21
Float : 2903212 - Cycle : 15 - PI : JAMSTEC - Data mode : R - Platform type : APEX_D - WMO inst type : 849 - FLOAT SERIAL : 29 - Date : 2018	2	5
Float : 2903212 - Cycle : 16 - PI : JAMSTEC - Data mode : R - Platform type : APEX_D - WMO inst type : 849 - FLOAT SERIAL : 29 - Date : 2018	2	20
Float : 2903212 - Cycle : 17 - PI : JAMSTEC - Data mode : R - Platform type : APEX_D - WMO inst type : 849 - FLOAT SERIAL : 29 - Date : 2018	3	7
Float : 2903212 - Cycle : 18 - PI : JAMSTEC - Data mode : R - Platform type : APEX_D - WMO inst type : 849 - FLOAT SERIAL : 29 - Date : 2018	3	22
Float : 2903212 - Cycle : 19 - PI : JAMSTEC - Data mode : R - Platform type : APEX_D - WMO inst type : 849 - FLOAT SERIAL : 29 - Date : 2018	4	5
Float : 2903212 - Cycle : 20 - PI : JAMSTEC - Data mode : R - Platform type : APEX_D - WMO inst type : 849 - FLOAT SERIAL : 29 - Date : 2018	4	20
Float : 2903212 - Cycle : 21 - PI : JAMSTEC - Data mode : R - Platform type : APEX_D - WMO inst type : 849 - FLOAT SERIAL : 29 - Date : 2018	5	5
Float : 2903212 - Cycle : 22 - PI : JAMSTEC - Data mode : R - Platform type : APEX_D - WMO inst type : 849 - FLOAT SERIAL : 29 - Date : 2018	5	20
Float : 2903212 - Cycle : 23 - PI : JAMSTEC - Data mode : R - Platform type : APEX_D - WMO inst type : 849 - FLOAT SERIAL : 29 - Date : 2018	6	4
Float : 2903212 - Cycle : 24 - PI : JAMSTEC - Data mode : R - Platform type : APEX_D - WMO inst type : 849 - FLOAT SERIAL : 29 - Date : 2018	6	19
Float : 2903212 - Cycle : 25 - PI : JAMSTEC - Data mode : R - Platform type : APEX_D - WMO inst type : 849 - FLOAT SERIAL : 29 - Date : 2018	7	4
Float : 2903212 - Cycle : 26 - PI : JAMSTEC - Data mode : R - Platform type : APEX_D - WMO inst type : 849 - FLOAT SERIAL : 29 - Date : 2018	7	19
Float : 2903212 - Cycle : 27 - PI : JAMSTEC - Data mode : R - Platform type : APEX_D - WMO inst type : 849 - FLOAT SERIAL : 29 - Date : 2018	8	3
Float : 2903212 - Cycle : 28 - PI : JAMSTEC - Data mode : R - Platform type : APEX_D - WMO inst type : 849 - FLOAT SERIAL : 29 - Date : 2018	8	18
Float : 2903212 - Cycle : 29 - PI : JAMSTEC - Data mode : R - Platform type : APEX_D - WMO inst type : 849 - FLOAT SERIAL : 29 - Date : 2018	9	2
Float : 2903212 - Cycle : 30 - PI : JAMSTEC - Data mode : R - Platform type : APEX_D - WMO inst type : 849 - FLOAT SERIAL : 29 - Date : 2018	9	17
Float : 2903212 - Cycle : 31 - PI : JAMSTEC - Data mode : R - Platform type : APEX_D - WMO inst type : 849 - FLOAT SERIAL : 29 - Date : 2018	10	2
Float : 2903212 - Cycle : 32 - PI : JAMSTEC - Data mode : R - Platform type : APEX_D - WMO inst type : 849 - FLOAT SERIAL : 29 - Date : 2018	10	17



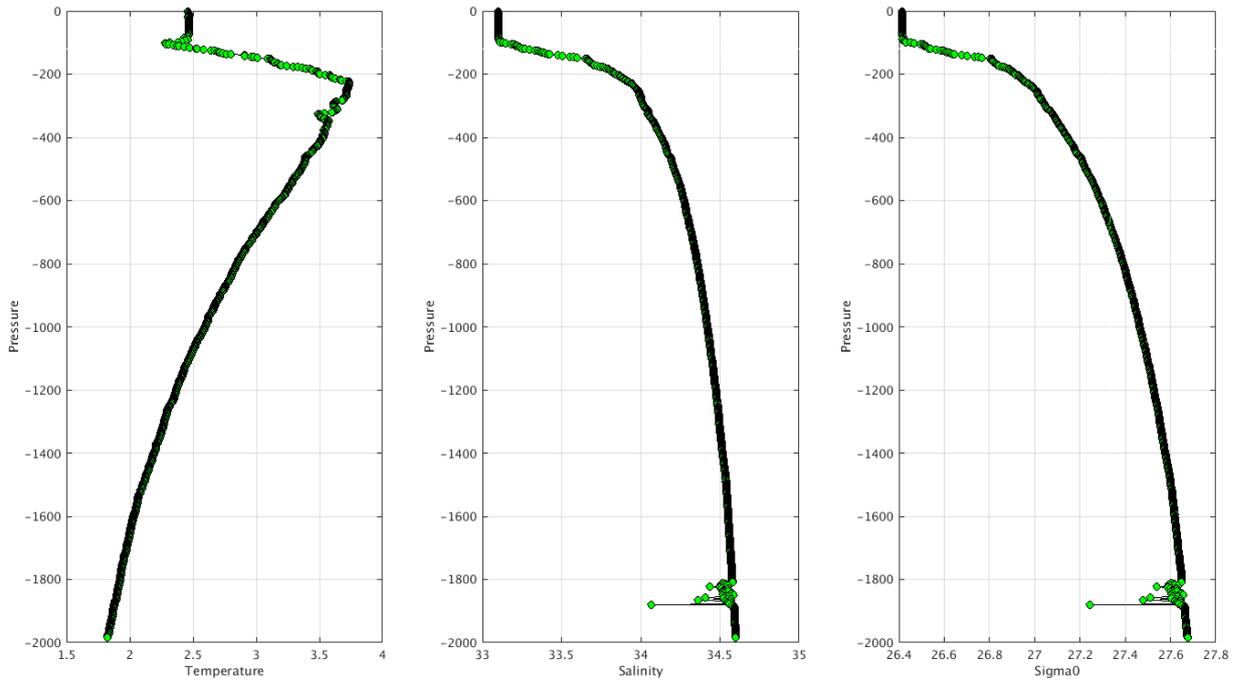




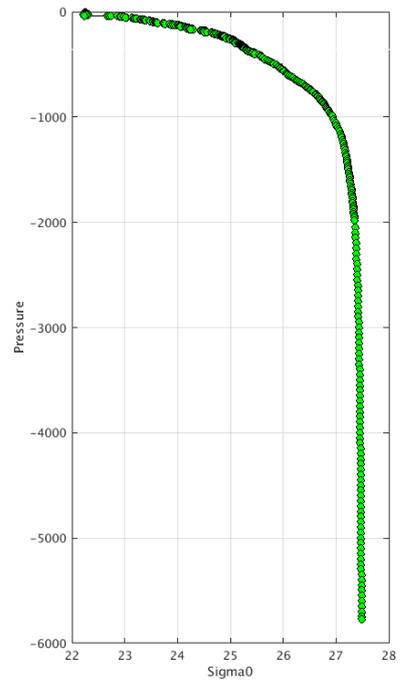
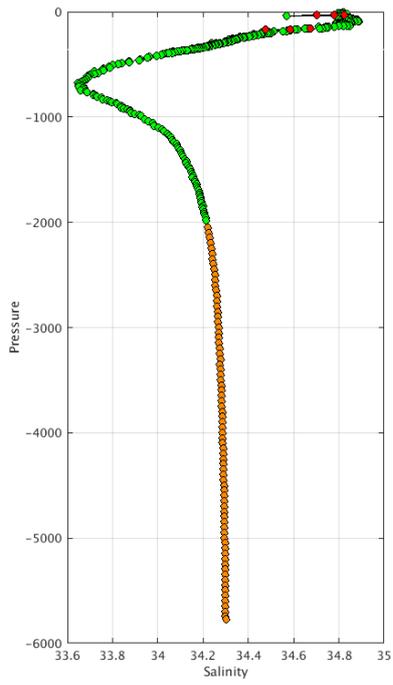
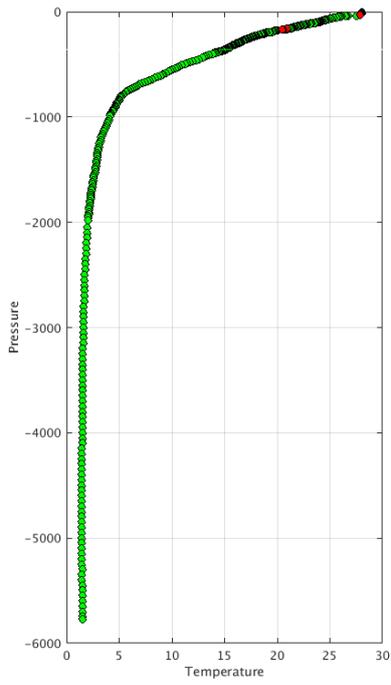
The list of the anomalies can be found at <ftp://ftp.ifremer.fr/ifremer/argo/etc/ObjectiveAnalysisWarning/jma/>

Example of anomalies:

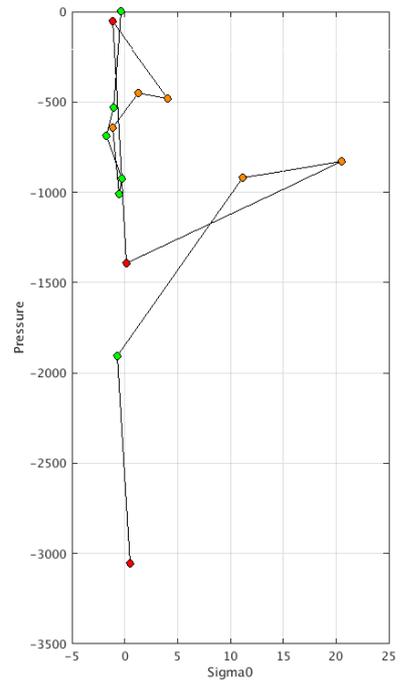
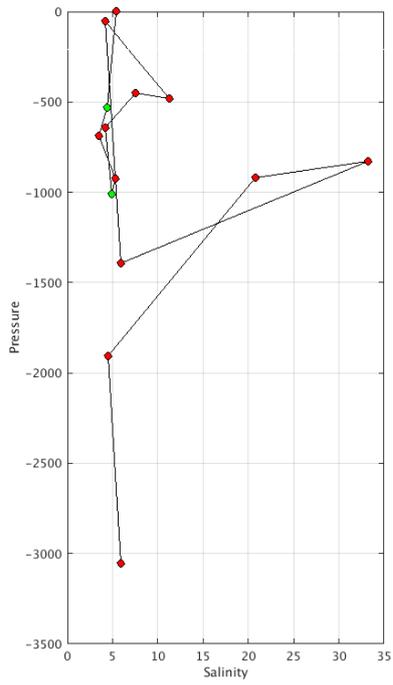
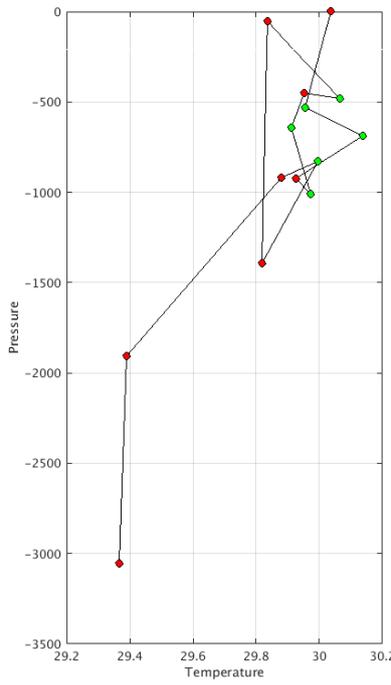
Warning Objective Analysis Anomalies 2020 August TEMP PSAL : DAC JA- Float 2903210 - 212



Warning Objective Analysis Anomalies 2020 August TEMP PSAL : DAC JA- Float 2903212 - 26



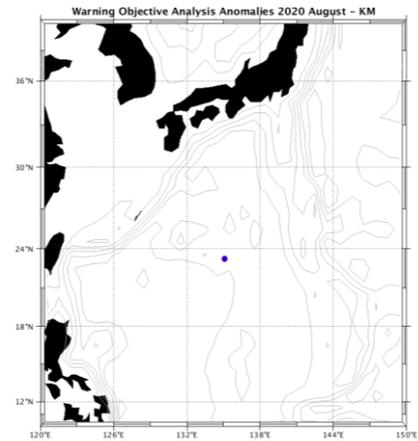
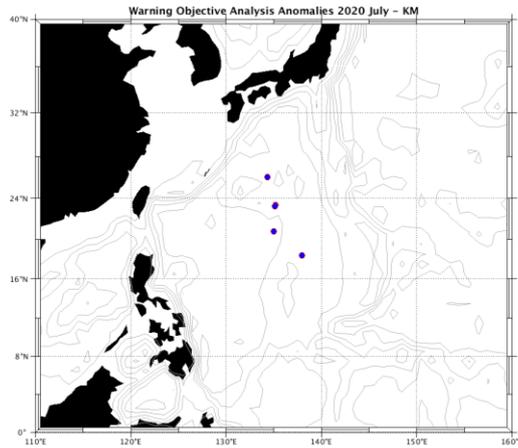
Warning Objective Analysis Anomalies 2020 August TEMP PSAL : DAC JA- Float 5900311 - 51



#### 4.7. DAC KMA

Profiles detected by the objective analysis: **July** 5 profiles (4 floats, but floats can have several cycles with anomalies) and **August** 1 profile (1 float, but floats can have several cycles with anomalies)

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



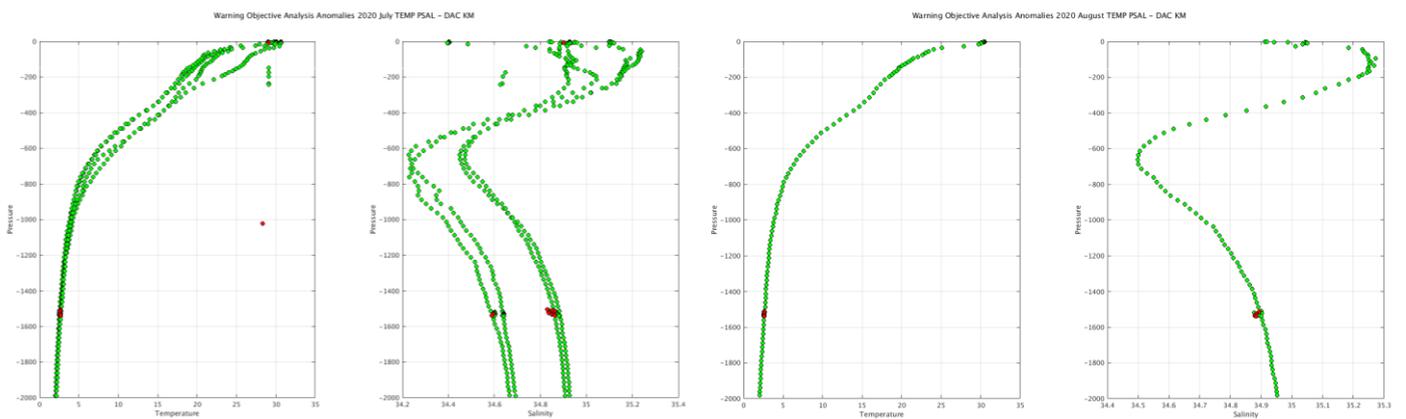
**Status of corrections:** Correction not done for all, few feedbacks

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

Float : 2901760 - Cycle : 143 - PI : Jaeyoung Byon - Data mode : R - Platform type : ARVOR - WMO inst type : 846 - FLOAT SERIAL : n/a - Date : 2020 6 30  
 Float : 2901760 - Cycle : 144 - PI : Jaeyoung Byon - Data mode : R - Platform type : ARVOR - WMO inst type : 846 - FLOAT SERIAL : n/a - Date : 2020 7 10  
 Float : 2901763 - Cycle : 141 - PI : Jaeyoung Byon - Data mode : R - Platform type : ARVOR - WMO inst type : 846 - FLOAT SERIAL : n/a - Date : 2020 7 1  
 Float : 2901765 - Cycle : 143 - PI : Jaeyoung Byon - Data mode : R - Platform type : ARVOR - WMO inst type : 846 - FLOAT SERIAL : n/a - Date : 2020 7 1  
 Float : 2901760 - Cycle : 145 - PI : Jaeyoung Byon - Data mode : R - Platform type : ARVOR - WMO inst type : 846 - FLOAT SERIAL : n/a - Date : 2020 7 20

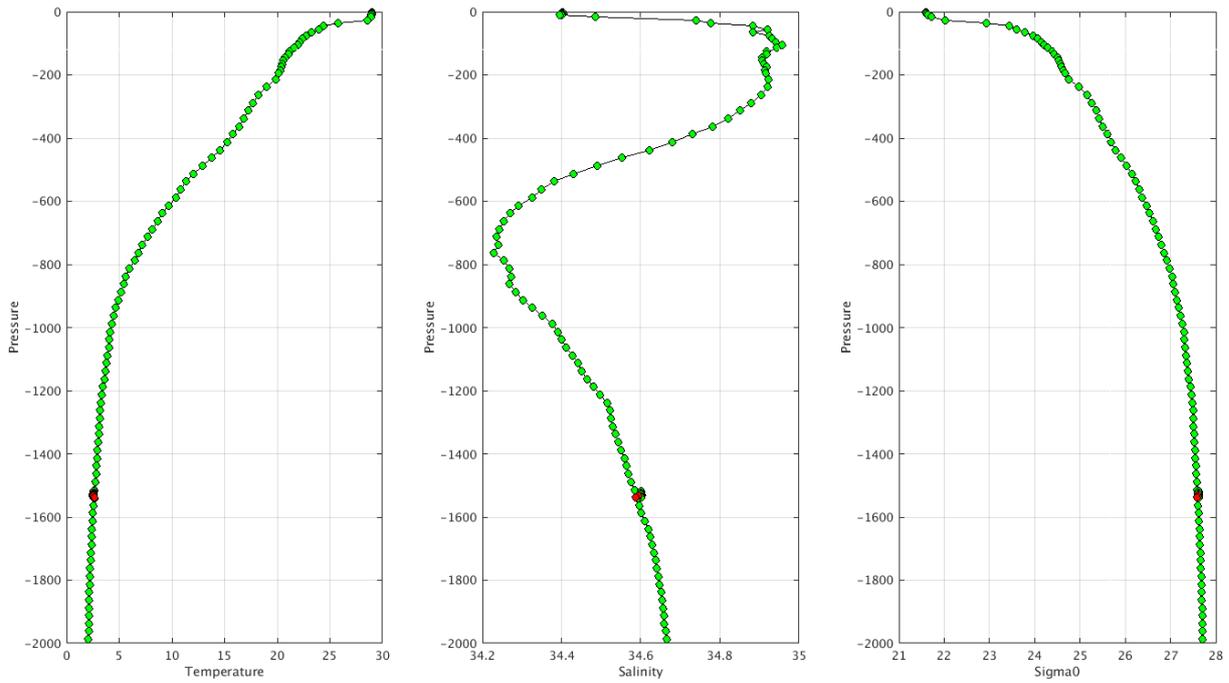
##### Files data\_mode='D'

Float : 2900306 - Cycle : 26 - PI : Yong-Hoon Youn - Data mode : D - INST REF : APEX-SBE 1200 - Date : 2004 7 3



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

Example of anomalies:



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

- Error on salinity\_adjusted 0.000 ?? floats 2900170 – 2900171

netcdf D2900171\_067 {

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	

#### 4.8. DAC KORDI/KIOST

Profiles detected by the objective analysis: 0 profile ( 0 float – float can have several cycles with anomalies)

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

#### **Status of corrections:**

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

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

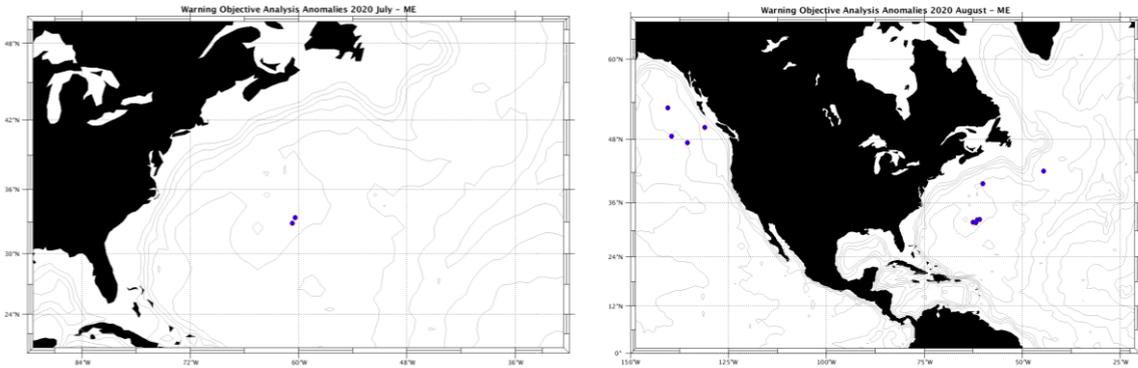
The list of the anomalies can be found at <ftp://ftp.ifremer.fr/ifremer/argo/etc/ObjectiveAnalysisWarning/kordi/>

**Example of anomalies:**

## 4.9. DAC MEDS

Profiles detected by the objective analysis: **July** 2 profiles (1 float, but floats can have several cycles with anomalies) and **August** 10 profiles (7 floats, but floats can have several cycles with anomalies)

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



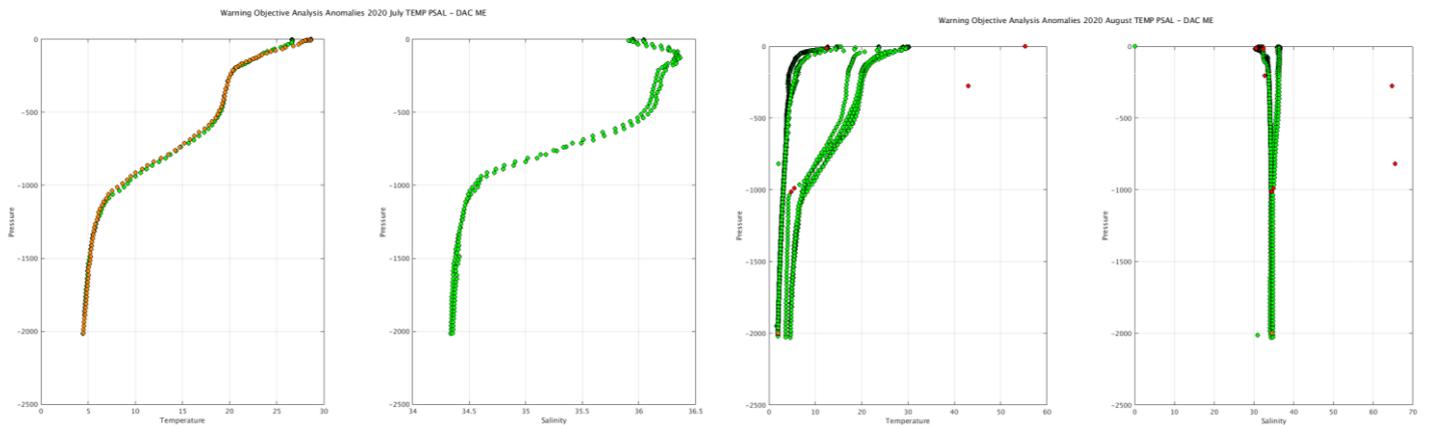
**Status of corrections:** Correction not done or in progress, no feedback

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

Float : 4901788 - Cycle : 174 - PI : Blair Greenan - Data mode : A - Platform type : NOVA - WMO inst type : 865 - FLOAT SERIAL : 204 - Date : 2020 8 26  
 Float : 4901820 - Cycle : 148 - PI : Blair Greenan - Data mode : A - Platform type : NOVA - WMO inst type : 865 - FLOAT SERIAL : 326 - Date : 2020 7 24  
 Float : 4902470 - Cycle : 45 - PI : Blair Greenan - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 260018CA14 - Date : 2020 7 6  
 Float : 4902470 - Cycle : 46 - PI : Blair Greenan - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 260018CA14 - Date : 2020 7 16  
 Float : 4902470 - Cycle : 47 - PI : Blair Greenan - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 260018CA14 - Date : 2020 7 26  
 Float : 4902470 - Cycle : 48 - PI : Blair Greenan - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 260018CA14 - Date : 2020 8 5  
 Float : 4902470 - Cycle : 49 - PI : Blair Greenan - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 260018CA14 - Date : 2020 8 15  
 Float : 4902470 - Cycle : 50 - PI : Blair Greenan - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 260018CA14 - Date : 2020 8 25  
 Float : 4902485 - Cycle : 35 - PI : Blair Greenan - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 260019CA14 - Date : 2020 7 28  
 Float : 4902497 - Cycle : 28 - PI : Blair Greenan - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 260019CA26 - Date : 2020 8 26

### Files data\_mode='D'

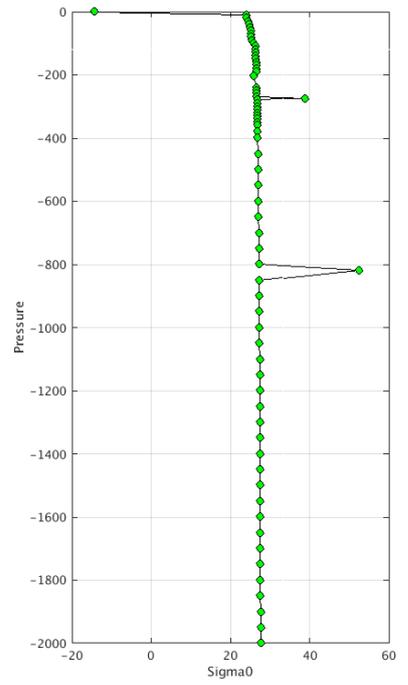
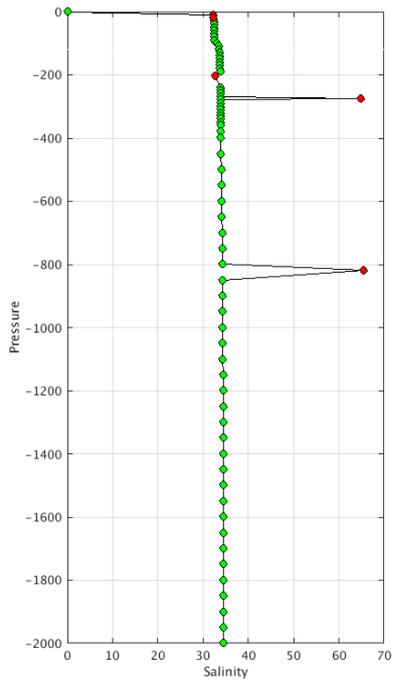
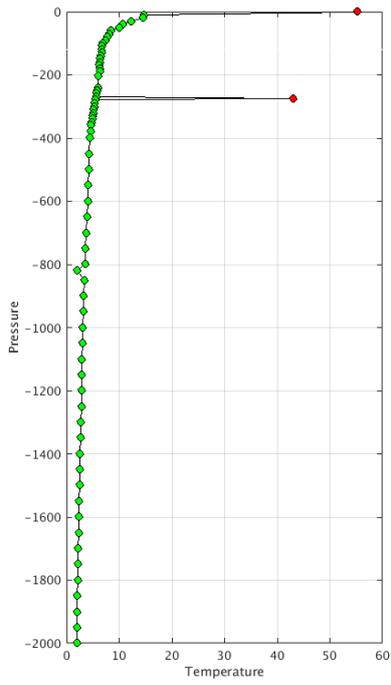
Float : 4900117 - Cycle : 88 - PI : Blair Greenan - Data mode : D - Platform type : APEX-SBE - WMO inst type : 846 - FLOAT SERIAL : 318 - Date : 2004 7 17  
 Float : 4900240 - Cycle : 78 - PI : Blair Greenan - Data mode : D - Platform type : APEX-SBE - WMO inst type : 846 - FLOAT SERIAL : 512 - Date : 2004 8 21



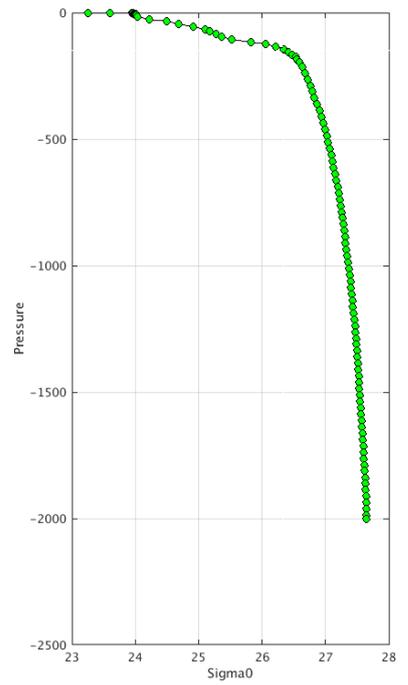
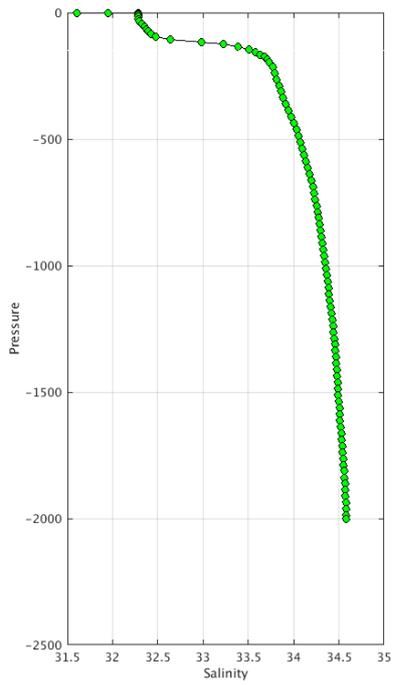
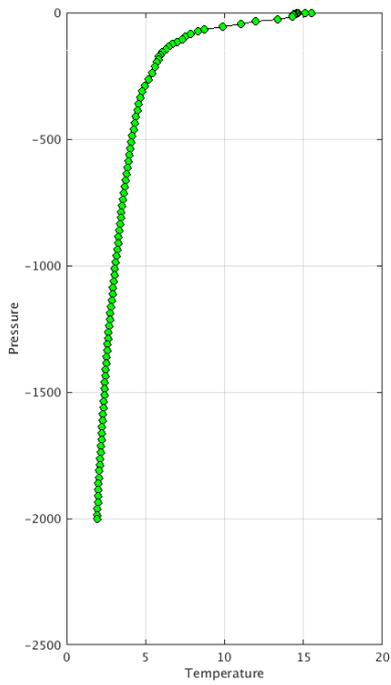
The list of the anomalies can be found at <http://ftp.ifremer.fr/ifremer/argo/etc/ObjectiveAnalysisWarning/meds/>

Example of anomalies:

Warning Objective Analysis Anomalies 2020 August TEMP PSAL : DAC ME- Float 4900117 - 88



Warning Objective Analysis Anomalies 2020 August TEMP PSAL : DAC ME- Float 4902485 - 35





## 5. 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

### 5.1. 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 **4903243** that should be updated

DAC name : aoml – Number of floats : 7551

1900167 - Existing NetCDF files

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

1900168 - Existing NetCDF files

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

1900189 - Existing NetCDF files

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

1900244 - Existing NetCDF files

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

1900245 - Existing NetCDF files

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

1900255 - Existing NetCDF files

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

1900257 - Existing NetCDF files

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

1900748 - Existing NetCDF files

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

1900831 - Existing NetCDF files

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

1901658 - Existing NetCDF files

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

2901106 - Existing NetCDF files

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

3900148 - Existing NetCDF files

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

3900160 - Existing NetCDF files

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

41534 - Existing NetCDF files

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

4900228 - Existing NetCDF files

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

4900229 - Existing NetCDF files

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

4900230 - Existing NetCDF files

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

4900268 - Existing NetCDF files

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

4900269 - Existing NetCDF files

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

4900270 - Existing NetCDF files

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

4900271 - Existing NetCDF files

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

4900272 - Existing NetCDF files

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

4900273 - Existing NetCDF files

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

4900287 - Existing NetCDF files

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

4900358 - Existing NetCDF files

File : 4900358\_meta.nc - 4900358\_prof.nc -

4900361 - Existing NetCDF files

File : 4900361\_meta.nc - 4900361\_prof.nc -

4900366 - Existing NetCDF files

File : 4900366\_meta.nc - 4900366\_prof.nc -

4900367 - Existing NetCDF files

File : 4900367\_meta.nc - 4900367\_prof.nc -

4900382 - Existing NetCDF files

File : 4900382\_meta.nc - 4900382\_prof.nc -

4900383 - Existing NetCDF files

File : 4900383\_meta.nc - 4900383\_prof.nc -

4900385 - Existing NetCDF files

File : 4900385\_meta.nc - 4900385\_prof.nc -

4900426 - Existing NetCDF files

File : 4900426\_meta.nc - 4900426\_prof.nc -

4900427 - Existing NetCDF files

File : 4900427\_meta.nc - 4900427\_prof.nc -

4900428 - Existing NetCDF files

File : 4900428\_meta.nc - 4900428\_prof.nc -

4900583 - Existing NetCDF files

File : 4900583\_Rtraj.nc - 4900583\_meta.nc - 4900583\_tech.nc -

4901485 - Existing NetCDF files

File : 4901485\_Rtraj.nc - 4901485\_meta.nc - 4901485\_tech.nc -

4901537 - Existing NetCDF files

File : 4901537\_Rtraj.nc - 4901537\_meta.nc - 4901537\_tech.nc

4901560 - Existing NetCDF files

File : 4901560\_Rtraj.nc - 4901560\_meta.nc - 4901560\_tech.nc

4901575 - Existing NetCDF files

File : 4901575\_Rtraj.nc - 4901575\_meta.nc - 4901575\_tech.nc -

4901577 - Existing NetCDF files

File : 4901577\_Rtraj.nc - 4901577\_meta.nc - 4901577\_tech.nc

4903243 - Existing NetCDF files

File : 4903243\_meta.nc - 4903243\_prof.nc - 4903243\_tech.nc -

5900253 - Existing NetCDF files

File : 5900253\_Rtraj.nc - 5900253\_meta.nc - 5900253\_tech.nc -

5900637 - Existing NetCDF files

File : 5900637\_Rtraj.nc - 5900637\_meta.nc - 5900637\_tech.nc -

5900765 - Existing NetCDF files

File : 5900765\_Rtraj.nc - 5900765\_meta.nc - 5900765\_tech.nc -

5900892 - Existing NetCDF files

File : 5900892\_Rtraj.nc - 5900892\_meta.nc - 5900892\_tech.nc -

5901006 - Existing NetCDF files

File : 5901006\_Rtraj.nc - 5901006\_meta.nc - 5901006\_tech.nc -

5901082 - Existing NetCDF files

File : 5901082\_Rtraj.nc - 5901082\_meta.nc - 5901082\_tech.nc

5903442 - Existing NetCDF files

File : 5903442\_Rtraj.nc - 5903442\_meta.nc - 5903442\_tech.nc -

5904282 - Existing NetCDF files

File : 5904282\_Rtraj.nc - 5904282\_meta.nc - 5904282\_tech.nc -

5904838 - Existing NetCDF files

File : 5904838\_Rtraj.nc - 5904838\_meta.nc - 5904838\_prof.nc -

5904839 - Existing NetCDF files

File : 5904839\_Rtraj.nc - 5904839\_meta.nc - 5904839\_prof.nc -

5904840 - Existing NetCDF files

File : 5904840\_Rtraj.nc - 5904840\_meta.nc - 5904840\_prof.nc

5905641 - Existing NetCDF files

File : 5905641\_Rtraj.nc - 5905641\_meta.nc - 5905641\_prof.nc

## 5.2. 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 : 745**

1901312 - Existing NetCDF files

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

1901844 - Existing NetCDF files

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

1901845 - Existing NetCDF files

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

1901846 - Existing NetCDF files

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

1901847 - Existing NetCDF files

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

1901848 - Existing NetCDF files

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

1901849 - Existing NetCDF files

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

1901850 - Existing NetCDF files

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

1901851 - Existing NetCDF files

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

1901852 - Existing NetCDF files

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

1901853 - Existing NetCDF files

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

1901854 - Existing NetCDF files

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

1901855 - Existing NetCDF files

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

1901856 - Existing NetCDF files

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

1901857 - Existing NetCDF files

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

1901858 - Existing NetCDF files

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

1901859 - Existing NetCDF files

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

1901860 - Existing NetCDF files

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

1901861 - Existing NetCDF files

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

1901862 - Existing NetCDF files

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

1901863 - Existing NetCDF files

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

1901864 - Existing NetCDF files

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

1901865 - Existing NetCDF files

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

1901866 - Existing NetCDF files

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

1901867 - Existing NetCDF files

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

1901868 - Existing NetCDF files

File : 1901868\_meta.nc - 1901868\_prof.nc - 1901868\_tech.nc -

1901869 - Existing NetCDF files

File : 1901869\_meta.nc - 1901869\_prof.nc - 1901869\_tech.nc -

1901870 - Existing NetCDF files

File : 1901870\_meta.nc - 1901870\_prof.nc - 1901870\_tech.nc -

1901871 - Existing NetCDF files

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

1901872 - Existing NetCDF files

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

1901873 - Existing NetCDF files

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

1901875 - Existing NetCDF files

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

1901876 - Existing NetCDF files

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

1901877 - Existing NetCDF files

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

1901878 - Existing NetCDF files

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

1901879 - Existing NetCDF files

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

1901880 - Existing NetCDF files

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

1901881 - Existing NetCDF files

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

1901882 - Existing NetCDF files

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

1901883 - Existing NetCDF files

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

1901884 - Existing NetCDF files

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

1901911 - Existing NetCDF files  
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1901912 - Existing NetCDF files  
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1901914 - Existing NetCDF files  
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1901915 - Existing NetCDF files  
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1901916 - Existing NetCDF files  
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1901917 - Existing NetCDF files  
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1902079 - Existing NetCDF files  
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1902080 - Existing NetCDF files  
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2901891 - Existing NetCDF files  
File : 2901891\_meta.nc - 2901891\_prof.nc - 2901891\_tech.nc

2901892 - Existing NetCDF files  
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2901893 - Existing NetCDF files  
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2901894 - Existing NetCDF files  
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2901895 - Existing NetCDF files  
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2901896 - Existing NetCDF files  
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2901897 - Existing NetCDF files  
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2901898 - Existing NetCDF files  
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2901899 - Existing NetCDF files  
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2901900 - Existing NetCDF files  
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2901902 - Existing NetCDF files  
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2901903 - Existing NetCDF files  
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2901904 - Existing NetCDF files  
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2901905 - Existing NetCDF files  
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3900538 - Existing NetCDF files  
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3900559 - Existing NetCDF files  
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3900560 - Existing NetCDF files  
File : 3900560\_meta.nc - 3900560\_prof.nc - 3900560\_tech.nc -

3901488 - Existing NetCDF files



3901538 - Existing NetCDF files  
File : 3901538\_meta.nc - 3901538\_prof.nc - 3901538\_tech.nc -

3901539 - Existing NetCDF files  
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3901546 - Existing NetCDF files  
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3901547 - Existing NetCDF files  
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3901548 - Existing NetCDF files  
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3901549 - Existing NetCDF files  
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3901550 - Existing NetCDF files  
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3901551 - Existing NetCDF files  
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3901553 - Existing NetCDF files  
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3901554 - Existing NetCDF files  
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3901556 - Existing NetCDF files  
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3902398 - Existing NetCDF files  
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3902399 - Existing NetCDF files  
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3902400 - Existing NetCDF files  
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3902402 - Existing NetCDF files  
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3902403 - Existing NetCDF files  
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49065 - Existing NetCDF files  
File : 49065\_meta.nc - 49065\_prof.nc - 49065\_tech.nc -

6901153 - Existing NetCDF files  
File : 6901153\_meta.nc - 6901153\_prof.nc - 6901153\_tech.nc -

6901155 - Existing NetCDF files  
File : 6901155\_meta.nc - 6901155\_prof.nc - 6901155\_tech.nc -

6901156 - Existing NetCDF files  
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6901157 - Existing NetCDF files  
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6901158 - Existing NetCDF files  
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6901159 - Existing NetCDF files  
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6901160 - Existing NetCDF files  
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6901161 - Existing NetCDF files  
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6901162 - Existing NetCDF files  
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6901163 - Existing NetCDF files  
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6901164 - Existing NetCDF files  
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6901165 - Existing NetCDF files  
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6901166 - Existing NetCDF files  
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6901167 - Existing NetCDF files  
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6901168 - Existing NetCDF files  
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6901169 - Existing NetCDF files  
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6901170 - Existing NetCDF files  
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6901171 - Existing NetCDF files  
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6901172 - Existing NetCDF files  
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6901173 - Existing NetCDF files  
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6901176 - Existing NetCDF files  
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6901177 - Existing NetCDF files  
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6901178 - Existing NetCDF files  
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6901179 - Existing NetCDF files  
File : 6901179\_meta.nc - 6901179\_prof.nc - 6901179\_tech.nc -

6901188 - Existing NetCDF files  
File : 6901188\_meta.nc - 6901188\_prof.nc - 6901188\_tech.nc -

6901189 - Existing NetCDF files  
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6901190 - Existing NetCDF files  
File : 6901190\_meta.nc - 6901190\_prof.nc - 6901190\_tech.nc -

6901192 - Existing NetCDF files  
File : 6901192\_meta.nc - 6901192\_prof.nc - 6901192\_tech.nc -

6901194 - Existing NetCDF files  
File : 6901194\_meta.nc - 6901194\_prof.nc - 6901194\_tech.nc -

6901195 - Existing NetCDF files  
File : 6901195\_meta.nc - 6901195\_prof.nc - 6901195\_tech.nc -

6901196 - Existing NetCDF files  
File : 6901196\_meta.nc - 6901196\_prof.nc - 6901196\_tech.nc -

6901197 - Existing NetCDF files  
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6901198 - Existing NetCDF files  
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6901199 - Existing NetCDF files  
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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 -

6901206 - Existing NetCDF files  
File : 6901206\_meta.nc - 6901206\_prof.nc - 6901206\_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  
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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

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

### 5.3. 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 : 3052**

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 -

3900794 - Existing NetCDF files

File : 3900794\_Rtraj.nc - 3900794\_meta.nc -

5902309 - Existing NetCDF files

File : 5902309\_Rtraj.nc - 5902309\_meta.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 -

6901069 - Existing NetCDF files

File : 6901069\_Rtraj.nc - 6901069\_meta.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

**5.4. 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 : 447**

**5.5. 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 : 946**

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 -

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  
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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

## 5.6. INCOIS

### For some floats :

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

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

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

2900268 - Existing NetCDF files  
File : 2900268\_Rtraj.nc - 2900268\_meta.nc - 2900268\_prof.nc -

2900275 - Existing NetCDF files  
File : 2900275\_Rtraj.nc - 2900275\_meta.nc - 2900275\_prof.nc -

2900767 - Existing NetCDF files  
File : 2900767\_meta.nc - 2900767\_prof.nc - 2900767\_tech.nc -

2902126 - Existing NetCDF files  
File : 2902126\_Rtraj.nc - 2902126\_meta.nc - 2902126\_tech.nc -

2902229 - Existing NetCDF files  
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2902230 - Existing NetCDF files  
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2902231 - Existing NetCDF files  
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2902232 - Existing NetCDF files  
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2902233 - Existing NetCDF files  
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2902234 - Existing NetCDF files  
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2902235 - Existing NetCDF files  
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2902236 - Existing NetCDF files  
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2902246 - Existing NetCDF files  
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2902248 - Existing NetCDF files  
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2902249 - Existing NetCDF files  
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2902250 - Existing NetCDF files  
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2902251 - Existing NetCDF files  
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2902252 - Existing NetCDF files  
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2902253 - Existing NetCDF files  
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2902254 - Existing NetCDF files  
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2902255 - Existing NetCDF files  
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2902256 - Existing NetCDF files  
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2902257 - Existing NetCDF files  
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2902258 - Existing NetCDF files  
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2902259 - Existing NetCDF files  
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2902260 - Existing NetCDF files  
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2902261 - Existing NetCDF files  
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2902268 - Existing NetCDF files  
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2902278 - Existing NetCDF files  
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2902282 - Existing NetCDF files  
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2902284 - Existing NetCDF files  
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2902286 - Existing NetCDF files  
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2902287 - Existing NetCDF files  
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2902288 - Existing NetCDF files  
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2902289 - Existing NetCDF files  
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2902290 - Existing NetCDF files  
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2902292 - Existing NetCDF files  
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2902293 - Existing NetCDF files  
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2902300 - Existing NetCDF files  
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2902301 - Existing NetCDF files  
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2902302 - Existing NetCDF files  
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2902303 - Existing NetCDF files  
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2902304 - Existing NetCDF files  
File : 2902304\_meta.nc - 2902304\_prof.nc - 2902304\_tech.nc -

## 5.7. JMA

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

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

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

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

**-Others : 8 floats**

**need further investigation**

**For some floats :**

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

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

**DAC name : jma – Number of floats : 1771**

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\_Mprof.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 -

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  
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2902530 - Existing NetCDF files  
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2902971 - Existing NetCDF files  
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2902977 - Existing NetCDF files  
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2902978 - Existing NetCDF files  
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2903005 - Existing NetCDF files  
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2903006 - Existing NetCDF files  
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2903007 - Existing NetCDF files  
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2903008 - Existing NetCDF files  
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2903009 - Existing NetCDF files  
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2903010 - Existing NetCDF files  
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2903011 - Existing NetCDF files  
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2903012 - Existing NetCDF files  
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2903013 - Existing NetCDF files  
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2903014 - Existing NetCDF files  
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2903165 - Existing NetCDF files  
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2903166 - Existing NetCDF files  
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2903167 - Existing NetCDF files  
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2903168 - Existing NetCDF files  
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2903171 - Existing NetCDF files  
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2903172 - Existing NetCDF files  
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2903209 - Existing NetCDF files  
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2903400 - Existing NetCDF files  
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4900293 - Existing NetCDF files  
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5900277 - Existing NetCDF files  
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5905218 - Existing NetCDF files

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5905861 - Existing NetCDF files

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

5905862 - Existing NetCDF files

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

5905863 - Existing NetCDF files

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

5905864 - Existing NetCDF files

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

5905865 - Existing NetCDF files

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

5905875 - Existing NetCDF files

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

5905876 - Existing NetCDF files

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

5905877 - Existing NetCDF files

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

5905878 - Existing NetCDF files

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

5905879 - Existing NetCDF files

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

5905881 - Existing NetCDF files

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

5905882 - Existing NetCDF files

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

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

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

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

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

7900601 - Existing NetCDF files  
File : 7900601\_meta.nc - 7900601\_prof.nc -

7900652 - Existing NetCDF files  
File : 7900652\_meta.nc - 7900652\_prof.nc -

7900653 - Existing NetCDF files  
File : 7900653\_meta.nc - 7900653\_prof.nc -

7900654 - Existing NetCDF files  
File : 7900654\_meta.nc - 7900654\_prof.nc -

7900655 - Existing NetCDF files  
File : 7900655\_meta.nc - 7900655\_prof.nc -

7900657 - Existing NetCDF files  
File : 7900657\_meta.nc - 7900657\_prof.nc -

7900658 - Existing NetCDF files  
File : 7900658\_meta.nc - 7900658\_prof.nc -

7900660 - Existing NetCDF files  
File : 7900660\_meta.nc - 7900660\_prof.nc -

7900691 - Existing NetCDF files  
File : 7900691\_meta.nc - 7900691\_prof.nc -

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

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

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

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

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

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

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

## 5.8. 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 : 247

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

## 5.9. KORDI/KIOST

### For some floats :

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

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

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

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

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

## 5.10. MEDS

For some floats :

- traj file missing

See below the list of floats with existing nc files :

DAC name : meds – Number of floats : 570

## 5.11. NMDIS

For some floats :

- 

See below the list of floats with existing nc files :

DAC name : nmdis – Number of floats : 19