



## **GDAC Float Anomalies Monitoring**

**January 2020**

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**Coriolis**

## NOTES

### NOVEMBER 2017

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

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

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

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

### DECEMBER 2017

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

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

### January 2018

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

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

The problem has been resolved rapidly.

### May 2018

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

### July 2018

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

### March 2019

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

### April 2019

Re-organization of the report

### June 2019

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

### September 2019

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

### October 2019

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

November 2019

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

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

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## 1. Anomalies of Argo profiles – Suspected drift

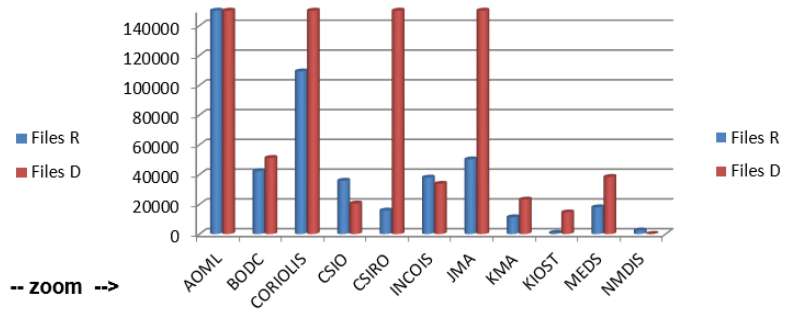
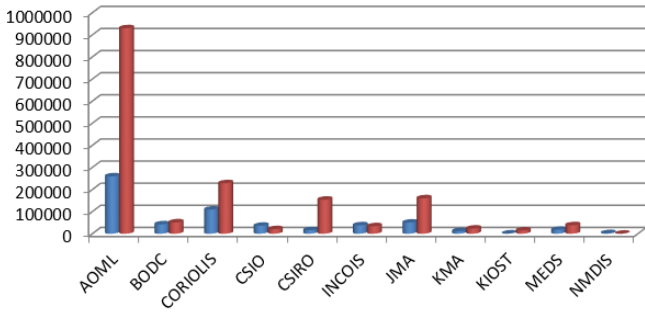
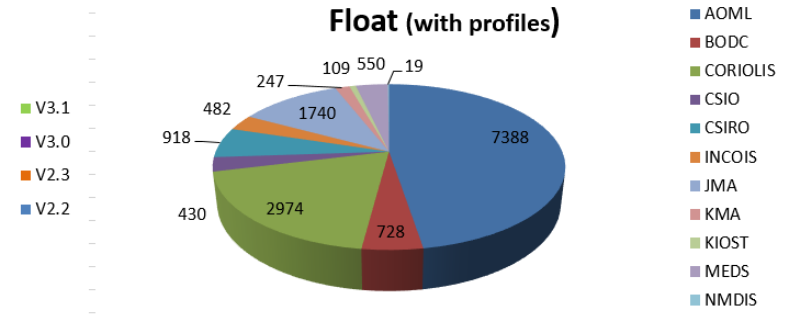
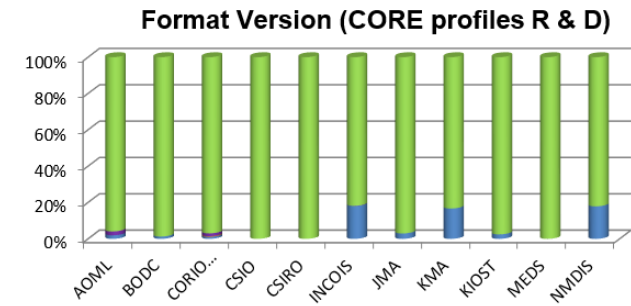
This table shows a list of floats showing a suspected drift, observed in the month. (feedback from Delphine Dobler/Coriolis).

DAC	WMO	PI	First Station in alert	First cycle in alert	Last Station in alert	Last cycle in alert	Comment All drift mentions are SUSPICION drift value mentions are visual impression surrounding profiles = close in space (position diff < 2 degrees latitude/longitude) and in time (date diff < 5 years)	SENSOR_MODEL	SERIAL_N°
AOML	1902057	GREGORY C. JOHNSON	2019/03/07	84	2020/01/11	115	#84 is 0.1 PSU saltier than platform's other profiles and surrounding profiles #101 is 0.3 PSU saltier	SBE41CP	8465
AOML	1902198	GREGORY C. JOHNSON	2019/10/23	49	2020/01/21	58	#53 is 0.05 psu saltier than surrounding profiles.	SBE41CP	9911
AOML	1902199	GREGORY C. JOHNSON	2019/03/01	17	2020/01/25	50	big fresh jump in salinity; #35 is 1.5 PSU fresher	SBE41CP	9841
AOML	2902395	BRECK OWENS, STEVEN JAYNE, P.E. ROBBINS	2019/10/10	144	2020/01/25	155	#144 seems to be 0.02 psu saltier at depth than surrounding profiles. This is better seen on theta-S diagram.	SBE41CP	7339
AOML	3901156	GREGORY C. JOHNSON	2018/12/01	171	2020/01/25	213	0.02 psu salty jump at #171 #198 is 0.07 psu saltier than surrounding profiles	SBE41CP	4221
AOML	3901173	GREGORY C. JOHNSON	2018/11/27	171	2020/01/22	213	#137 dated Feb. 2018 and #138 dated July 2018. Since recovery(#138), sensor data are very noisy	SBE41CP	5510
AOML	3901187	GREGORY C. JOHNSON	2019/01/10	176	2020/01/25	214	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 out of bounds by 1 PSU saltier. Positions may be incorrect.	SBE41CP	5507
AOML	3901222	BRECK OWENS, STEVEN JAYNE, P.E. ROBBINS	2019/03/05	132	2020/01/26	165	QC2 automatically set. #142 is 0.03 PSU saltier than surrounding profiles	SBE41CP	6509
AOML	3901227	BRECK OWENS, STEVEN JAYNE, P.E. ROBBINS	2018/11/15	120	2020/01/26	164	QC2 automatically set. #139 is 0.07 PSU saltier than surrounding profiles	SBE41CP	6486
AOML	3901238	BRECK OWENS, STEVEN JAYNE, P.E. ROBBINS	2019/10/20	101	2020/01/18	110	#101 is 0.02 psu saltier than surrounding profiles and behaves differently from previous cycles (not a parallel jump). Wait for more cycles	SBE41CP	7146
AOML	3901252	DEAN ROEMMICH	2019/12/21	112	2020/01/20	115	#112 is 0.05 psu saltier than surrounding profiles. Drift may have begun #106	SBE41CP_V7.2.5	8587
AOML	3901259	GREGORY C. JOHNSON	2019/02/14	81	2020/01/20	115	drifting since at least #79. #101 is 1.5 PSU saltier than surrounding profiles	SBE41CP	8462
AOML	3901272	DEAN ROEMMICH	2019/12/11	115	2020/01/20	119	Drift may begins #106. #115 is 0.03 psu saltier than surrounding profiles	SBE41CP_V7.2.5	8593
AOML	3901282	GREGORY C. JOHNSON	2019/02/27	86	2020/01/23	119	salty jump at cycle 86. salinity data are wrecked	SBE41CP	8531
AOML	3901289	GREGORY C. JOHNSON	2019/02/18	80	2020/01/24	114	#99 is 0.2 PSU saltier than surrounding profiles	SBE41CP	8651
AOML	3901299	GREGORY C. JOHNSON	2019/12/15	45	2020/01/24	49	#45 is affected by a 0.02 salty jump. Wait for more cycles	SBE41CP	9957
AOML	3901819	BRECK OWENS, STEVEN JAYNE, P.E. ROBBINS	2019/03/19	128	2020/01/14	188	drifting since #120 (2019/02/06) #160 is 0.05 PSU saltier than surrounding profiles	SBE41CP	8642
AOML	3902145	BRECK OWENS, STEVEN JAYNE, P.E. ROBBINS	2019/12/18	28	2020/01/27	32	It has become suddenly noisy from cycle 28 on. Still noisy cycle 31. (dirt or failure ?)	SBE41CP	11024
AOML	4901591	BRECK OWENS, STEVE JAYNE, P.E. ROBBINS	2019/12/11	233	2020/01/19	237	#233 seems to be 0.23 psu saltier than surrounding profiles at 1000 dbar. But recent cycles have not been below 1000 dbar and thus it is difficult to be certain of a drift and to infer when it may have begun. Hard 7 psu fresh jump from cycle 234 on.	SBE41CP	4890
AOML	4902074	GREGORY C. JOHNSON	2018/04/20	109	2020/01/20	173	The DM process had concluded a drift with QC3 on adjusted but QC3 has not been propagated to RT cycles (many missing RT cycles from 2019/02: only 6 in the period 2019/02 - 2019/10). RT cycles > 100 QCd3 in Coriolis DB.	SBE41CP	7024
AOML	4902102	BRECK OWENS, STEVEN JAYNE, P.E. ROBBINS	2019/12/19	3168	2020/01/28	3172	#3168 is affected by a 0.2 psu salty jump. Wait for more cycles	SBE41CP	6488
AOML	4902312	GREGORY C. JOHNSON	2019/02/15	102	2020/01/21	136	#121 (2019/08/24) is 0.1 PSU saltier than surrounding profiles	SBE41CP	7557
AOML	4902893	GREGORY C. JOHNSON	2019/04/15	89	2020/01/24	117	#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	SBE41CP	8007
AOML	4902895	GREGORY C. JOHNSON	2019/02/28	84	2020/01/20	114	#102 is 0.07 PSU saltier than surrounding profiles	SBE41CP	8012
AOML	4902899	GREGORY C. JOHNSON	2019/12/21	111	2020/01/20	117	#111 is 0.02 psu saltier than surrounding profiles. Seems to be gently drifting since #61	SBE41CP	8559
AOML	4902901	GREGORY C. JOHNSON	2018/12/19	74	2020/01/23	114	undoubtedly drifting (0.04 PSU saltier on 2018/12/19); hard salty jumps from cycle 80 (2019/02/17)	SBE41CP	8692
AOML	4902905	GREGORY C. JOHNSON	2019/05/08	86	2020/01/23	112	#97 is 0.03 PSU saltier than surrounding profiles	SBE41CP	8709
AOML	4902911	BRECK OWENS, STEVEN JAYNE, P.E. ROBBINS	2018/12/02	63	2020/01/12	104	#85 is 0.1 PSU saltier than surrounding profiles but values seem to be back to nominal from cycle #86 on. Consequently, there is a -0.07 real-time adjustment from #89 on which seems too big as adjusted values are more than 0.05 psu fresher than surrounding profiles when it is ok for raw salinity.	SBE41CP	8551
AOML	4902915	BRECK OWENS, STEVEN JAYNE, P.E. ROBBINS	2018/11/21	108	2020/01/27	195	seems to be depth-dependant and affect temperature as well since #35 (2107/11/23) #160 (2019/08/06) is 0.2 PSU fresher at 2000 dbar.	SBE41CP	8540
AOML	4903030	GREGORY C. JOHNSON	2019/12/08	53	2020/01/27	58	#53 is 0.06 psu saltier than surrounding profiles and than cycle 51. Cycle 52 is 0.03 psu saltier than cycle 51.	SBE41CP	10574
AOML	4903033	GREGORY C. JOHNSON	2019/10/01	46	2020/01/19	57	#46 (2019/10/01) is affected by a 0.04 psu salty jump. Wait for more cycles.	SBE41CP	10577
AOML	4903034	GREGORY C. JOHNSON	2019/08/19	33	2020/01/16	48	0.05 PSU salty jump since #32	SBE41CP	10758
AOML	4903172	GREGORY C. JOHNSON	2020/01/12	47	2020/01/22	48	0.2 psu salty jump from #47 on ...	SBE41CP	10983
AOML	4903173	GREGORY C. JOHNSON	2019/12/05	42	2020/01/24	47	#42 and #43 are 0.04 psu saltier than surrounding profiles. Drift may have begun #38	SBE41CP	10997
AOML	4903174	GREGORY C. JOHNSON	2018/11/28	5	2020/01/22	47	First cycles are fresher than surrounding profiles. #32 (2019/08/25) is 0.1 PSU saltier than surrounding profiles	SBE41CP	11044
AOML	4903175	GREGORY C. JOHNSON	2019/08/15	30	2020/01/22	46	#29 and #30 are affected by a 0.03 PSU salty jump	SBE41CP	11040
AOML	4903177	GREGORY C. JOHNSON	2019/09/04	31	2020/01/22	45	#31 is affected by a 0.02 psu salty jump. Wait for more cycles	SBE41CP	11046
AOML	4903181	GREGORY C. JOHNSON	2019/04/23	18	2020/01/18	45	#31 is 0.08 psu saltier than surrounding profiles, may be depth dependant #35 is not parallel => QC4	SBE41CP	11050
AOML	4903183	GREGORY C. JOHNSON	2019/03/04	13	2020/01/28	46	#31 is 0.2 PSU saltier than surrounding profiles	SBE41CP	11041
AOML	4903184	GREGORY C. JOHNSON	2019/12/19	42	2020/01/18	45	#42 is 0.02 psu saltier than surrounding profiles	SBE41CP	11042
AOML	4903186	GREGORY C. JOHNSON	2019/07/14	12	2020/01/20	31	#17 (2019/09/02) is 0.04 PSU saltier than surrounding profiles #25 (2019/11/21) is 0.8 PSU saltier than surrounding profiles	SBE41CP	11067
AOML	4903188	GREGORY C. JOHNSON	2019/10/10	21	2020/01/18	31	#21 (2019/10/10) is 0.04 psu saltier than surrounding profiles. Wait for more cycles.	SBE41CP	11069
AOML	4903202	GREGORY C. JOHNSON	2020/01/13	24	2020/01/23	25	#24 is 0.05 psu saltier than surrounding profiles. Wait for more cycles.	SBE41CP	11068
AOML	5903806	GREGORY C. JOHNSON	2019/07/08	257	2020/01/27	276	#257 is 0.04 PSU saltier than surrounding profiles.	SBE41	5646
AOML	5904401	STEPHEN RISER	2018/11/26	155	2020/01/27	197	QC 2 automatically set. #172 is 0.05 PSU saltier than surrounding profiles	SBE41	6396
AOML	5904587	GREGORY C. JOHNSON	2019/02/18	140	2020/01/24	174	This float is drifting since approx #117. The delayed mode applied an adjustment until cycle 143. There are a gap until new RT begins once more at cycle 163. The DM adjustment is not propagated. #163 is 0.06 psu saltier than surrounding profiles.	SBE41CP	6288
AOML	5904590	GREGORY C. JOHNSON	2019/09/05	155	2020/01/23	169	The float had stop emitting #53 (2016/11/19) and has come back to life #150 (2019/07/17) . The position was back #155(2019/09/05) with a 0.3 psu salty jump.	SBE41CP	6311
AOML	5904703	GREGORY C. JOHNSON	2018/11/28	101	2020/01/22	143		SBE41CP	6296

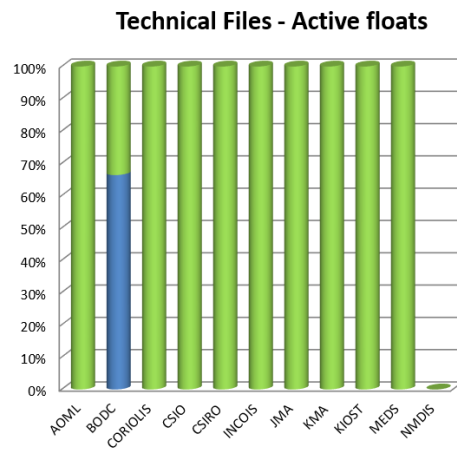
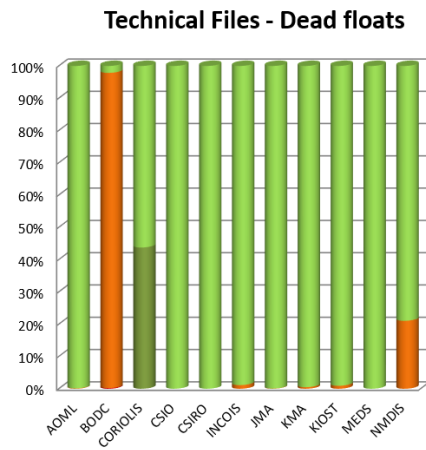
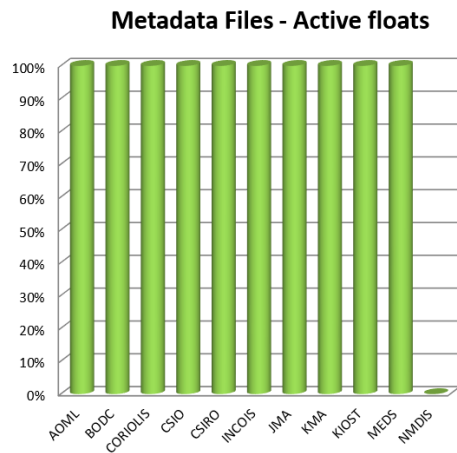
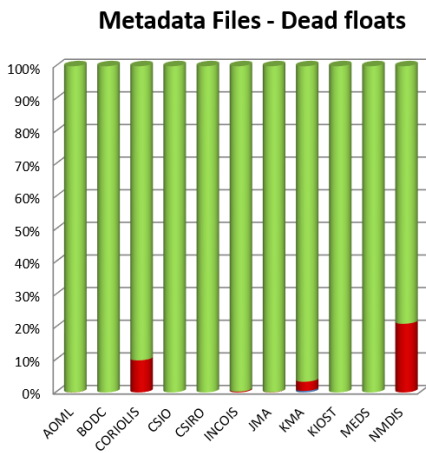
AOML	5904738	GREGORY C. JOHNSON	2019/12/30	119	2019/12/30	119	#119 is 0.02 psu saltier than surrounding profiles. If the drift is confirmed, it is very smooth, and may have begun since the beginning.	SBE41CP	7757
AOML	5904739	GREGORY C. JOHNSON	2018/12/27	82	2020/01/21	121	corrected in adjusted, but drift may have increased, with a noticeable jump cycle 83.	SBE41CP	7689
AOML	5904948	GREGORY C. JOHNSON	2018/11/24	68	2020/01/18	110	was drifting until cycle 67 when hard drift occurs	SBE41CP	8641
AOML	5905288	GREGORY C. JOHNSON	2019/12/09	90	2020/01/18	94	#90 is 0.04 psu saltier than surrounding profiles. Smooth drift seems to have begun from the beginning.	SBE41CP	9043
AOML	5905730	GREGORY C. JOHNSON	2019/04/15	33	2020/01/20	61	#47 (2019/09/02) is 0.05 psu saltier than surrounding profiles	SBE41CP	9857
AOML	5905732	GREGORY C. JOHNSON	2019/04/21	36	2020/01/26	64	rapid drift #36 is 0.05 PSU saltier #49 is 0.3 PSU saltier	SBE41CP_V7.2.5	9964
AOML	5905736	GREGORY C. JOHNSON	2019/04/23	36	2020/01/18	63	#36 is 0.04 PSU saltier than surrounding profiles #49 is back 0.01 PSU saltier than surrounding profiles	SBE41CP	10067
AOML	5905743	GREGORY C. JOHNSON	2019/12/07	53	2020/01/26	58	#53 and #54 are 0.02 psu saltier than surrounding profiles. The drift seems to begin #50	SBE41CP	10559
AOML	5905744	GREGORY C. JOHNSON	2019/04/01	28	2020/01/26	58	jump in salinity: #29 is 0.07 PSU saltier than surrounding profiles	SBE41CP	10560
AOML	5906095	GREGORY C. JOHNSON	2020/01/27	27	2020/01/27	27	#27 is 0.02 psu saltier than surrounding profiles	SBE41CP	11103
AOML	5906098	GREGORY C. JOHNSON	2019/06/11	2	2020/01/27	25	Very fresh first cycles (#10 is still 0.3 PSU fresher than expected)	SBE41CP	11099
BODC	1901914	Jon Turton	2019/10/10	1	2020/01/18	11	The first two cycles are 0.1 psu saltier than surrounding profiles. The serial number of the conductivity sensor is weird too small for a recent float ...	SBE41CP_V7.2.5	3984
BODC	2901897	Brian King	2019/10/30	194	2020/01/20	203	There is 0.05 psu salty jump for #194 with respect to previous cycle. The 0.05 salty jump is confirmed when compared with surrounding profiles.	SBE41CP	7923
CORIOUIS	6901273	Pedro Velez	2020/01/25	49	2020/01/25	49	#49 is 0.15 psu saltier than surrounding profiles.	SBE41CP_V7.2.5	9985
CORIOUIS	6902712	Christine COATANOAN	2019/12/01	107	2020/01/20	112	Seems to be gently drifting salty. But float is travelling a lot. A proper DMQC would suit better.	SBE41CP_V7.2.5	8215
CSIRO	1901325	Susan Wijffels	2020/01/18	305	2020/01/18	305	#303 to #305 are affected by a salty bias of 0.02 psu. From #259 to #302, there seems to be an auto-scaled adjustment of -0.03 / -0.04 psu.	SBE41_V3	5287
CSIRO	5903706	Susan Wijffels	2020/01/04	304	2020/01/24	306	#304 is 0.02 psu saltier than surrounding profiles	SBE41_V3	5285
CSIRO	5904248	Susan Wijffels	2019/08/24	226	2020/01/18	241	#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."	SBE41CP_V2	3856
CSIRO	5905017	Susan Wijffels	2020/01/14	151	2020/01/24	152	#151 and #152 are affected by a 0.07 psu salty jump. Wait for more cycles.	SBE41CP_V2	7033
CSIRO	5905029	Susan Wijffels	2019/11/18	141	2020/01/25	148	#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 autoscale adjustment using CARS2009 climatology. I have Qcd 3 from #87 on.	SBE41CP_V2	7010
CSIRO	5905184	Susan Wijffels	2020/01/23	117	2020/01/23	117	#117 is 0.07 psu saltier than surrounding profiles	SBE41CP_V7.2.5	8224
CSIRO	5905186	Susan Wijffels	2019/06/23	95	2020/01/24	117	drift suspicion though variable area. Might reach 0.04PSU saltier than surrounding platforms	SBE41CP_V7.2.5	8244
CSIRO	7900622	Steve Rintoul	2019/09/02	102	2020/01/27	117	drifting salty since #82 (but autoscaled until 102) #102 : 0.04 psu saltier than surrounding profiles CSIRO comments: "This float has a strong salty drift and will be greylisted for PSAL from cycle 81." "This float has a strong salty drift from cycle 84 onwards. It will be grey-listed to QC4 for PSAL."	SBE41CP_V7.2.5	7875
INCOIS	2902209	M Ravichandran	2019/03/10	92	2020/01/19	124	drifting since #87 (2019/01/20) and shape has changed, probably because it entered an eddy-rich region	SBE41CP	8353
INCOIS	2902233	M Ravichandran			2020/01/24	283	#109 (20190824) is 0.25 psu saltier than surrounding profiles The real-time adjustment has reached 1 PSU but adjusted profile is out of bounds for # 256	SBE41CP	9526
INCOIS	2902235	M Ravichandran	2019/12/20	276	2019/12/20	276	This float is drifting probably since #210, but the drift does not seem to be uniform, the saltier cycle being #230. Real-time profiles are adjusted, probably with CARS09. #272 was not adjusted but is 0.02 psu saltier than surrounding profiles.	SBE41CP	9528
INCOIS	2902236	M Ravichandran	2019/12/11	181	2019/12/16	182	This float is showing a rapid salty drift beginning at cycle 179 and already reaching 0.15 PSU at cycle 181	SBE41CP	9529
INCOIS	2902266	M Ravichandran	2019/06/25	15	2020/01/21	36	Hard fresh jump since #15 (2019/06/25)	SBE41CP	11197
JMA	2903191	JMA	2019/10/25	129	2020/01/23	147	seems to be drifting smoothly. #129 reaches 0.02 psu saltier than surrounding profiles	SBE41CP_V7.2.5	9742
JMA	2903212	JAMSTEC	2018/12/01	35	2020/01/22	71	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"	SBE61	5631
JMA	2903214	JMA	2019/07/02	103	2020/01/23	144	#103 and #104 are 0.03 PSU saltier than surrounding profiles but #105 and after are back to expected values. #125 is 0.06 psu saltier than surrounding platforms. QCd 3. Wait for more cycles	SBE41CP_V2	9743
KMA	2901758	Jaeyoung Byon	2018/11/27	76	2020/01/21	115	rapid salty drift beginning at #66 (2018/06/10) #101 is 0.7 psu saltier than surrounding profiles	SBE41CP	
KMA	2901759	Jaeyoung Byon	2018/11/27	85	2020/01/21	127	rapid salty drift beginning at #45 (2017/10/23) approximately #60 is 0.3 psu saltier than surrounding profiles from #45: QCd 4	SBE41CP	
KMA	2901760	Jaeyoung Byon	2019/02/06	92	2020/01/22	127	#112 is 0.08 psu saltier than surrounding profiles	SBE41CP	
KMA	2901765	Jaeyoung Byon	2018/11/29	85	2020/01/23	127	May be slightly drifting since the beginning. #125 is 0.04 psu saltier than surrounding profiles	SBE41CP	
MEDS	4901818	Blair Greenan	2019/10/26	121	2019/12/05	125	Seems to be drifting since #115. #121 is 0.02 psu saltier than surrounding profiles	SBE41CP	8035
MEDS	4902465	Blair Greenan	2019/12/03	51	2020/01/22	56	#51 is 0.04 psu saltier than surrounding profiles. Drift may have begun cycle 47.	SBE41CP	41-10565

## 2. Statistics on floats and format version (End of January 2020)

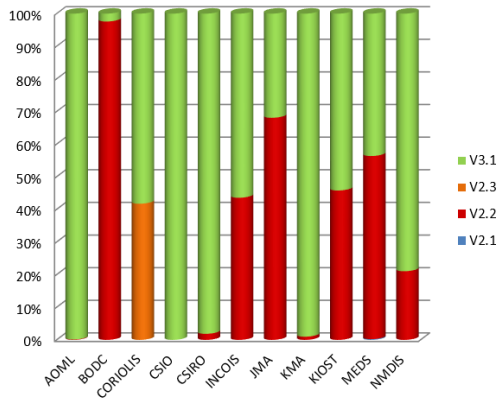
Plots showing format\_version percentage, number of floats (with profiles), number of D and R files by DACs.



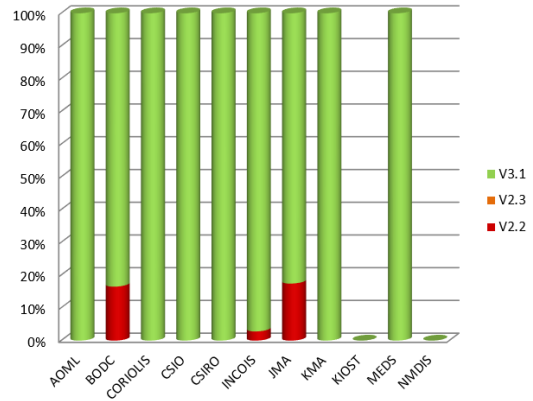
Plots showing format\_version percentage, for metadata-technical-trajectory and core profiles following dead or active floats.



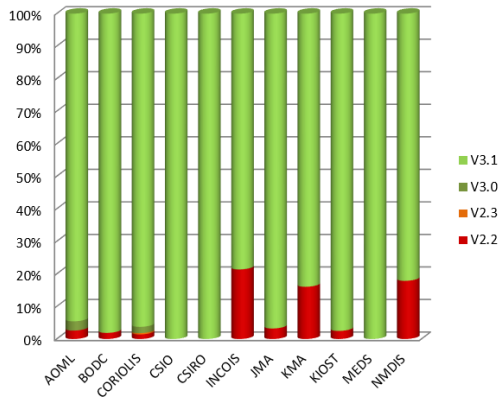
**Trajectory Files - Dead floats**



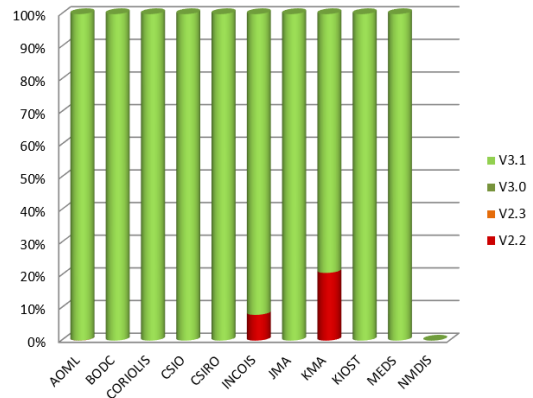
**Trajectory Files - Active floats**



**Profile files - Dead floats**

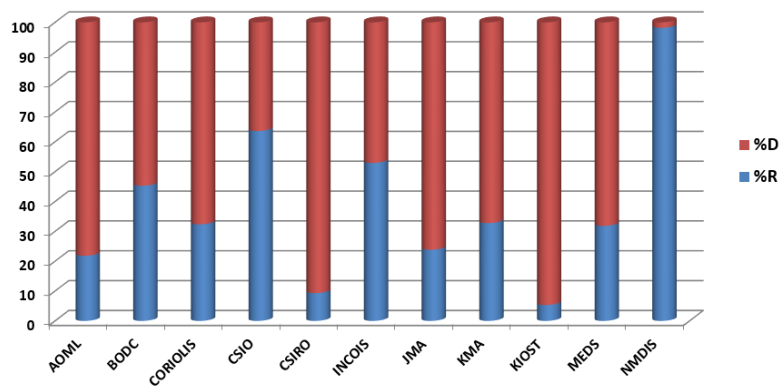


**Profile Files - Active floats**



**Delayed mode percentage by DAC**

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



### 3. Statistics on Anomalies

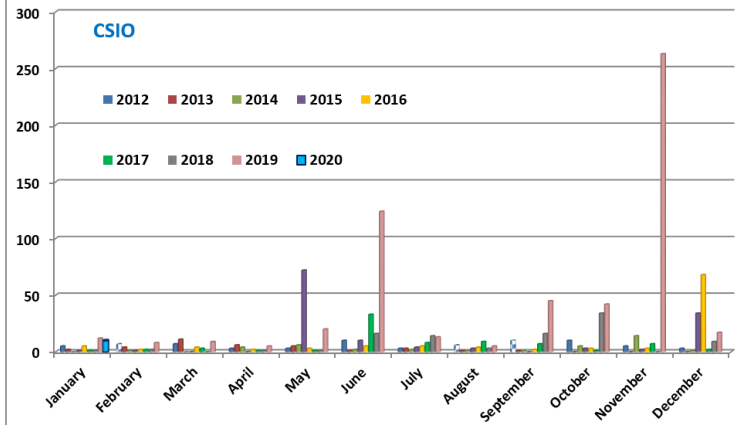
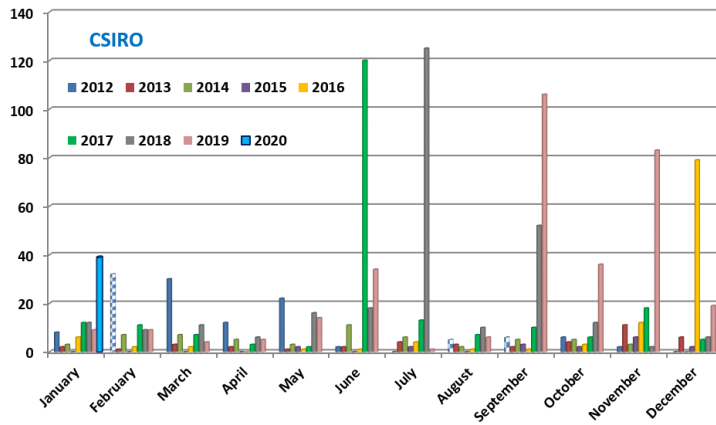
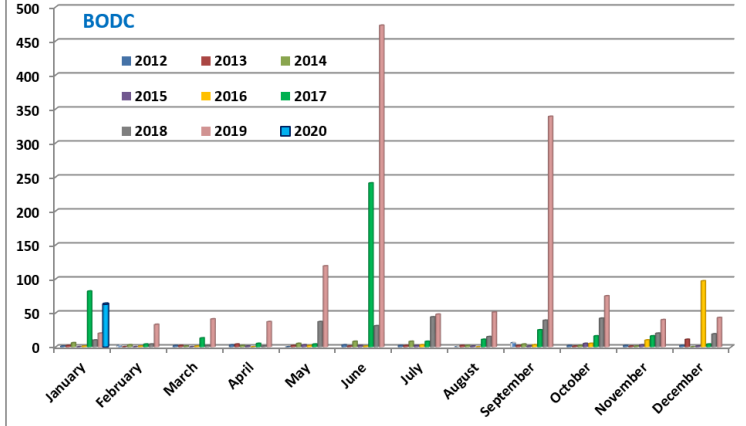
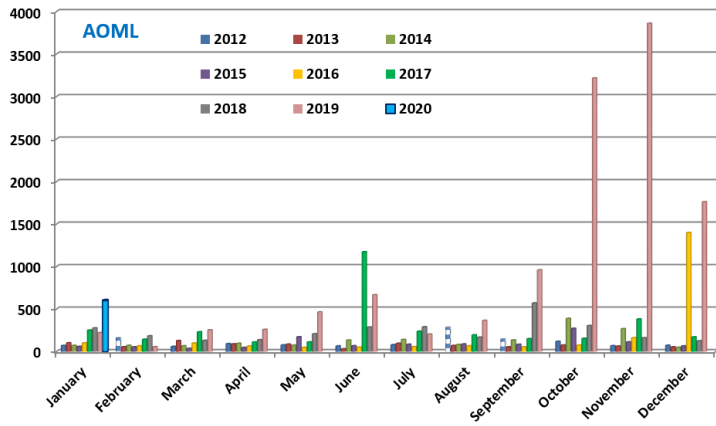
Plots showing evolution of number of anomalies by DAC.

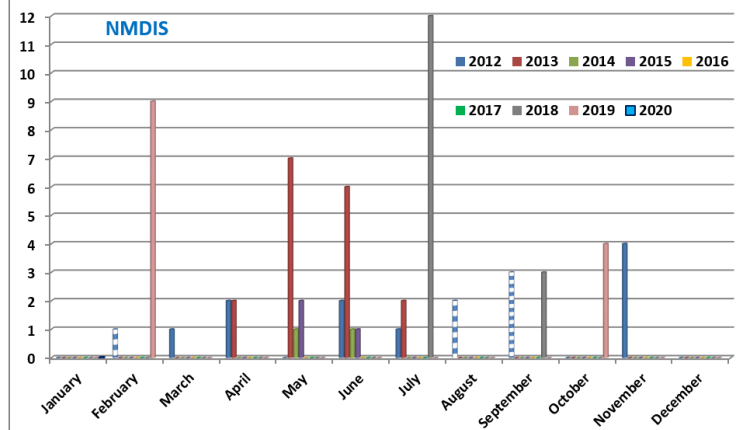
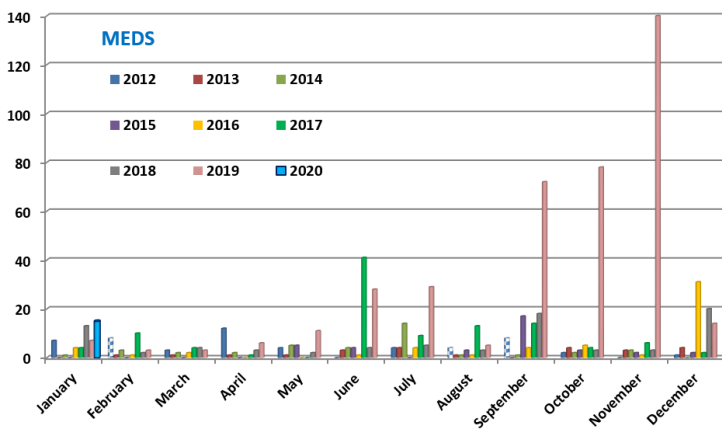
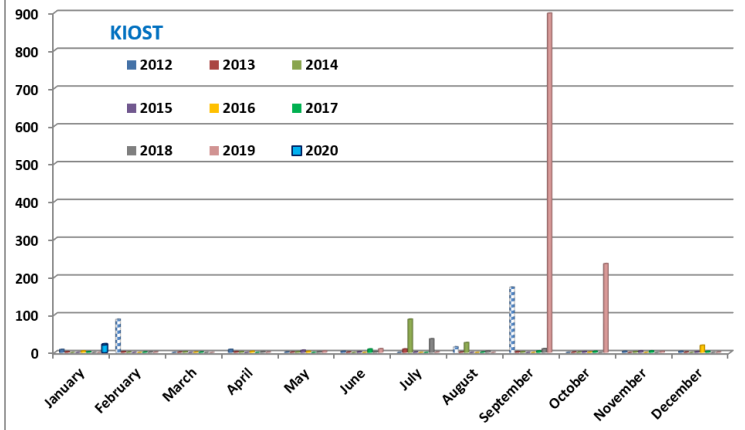
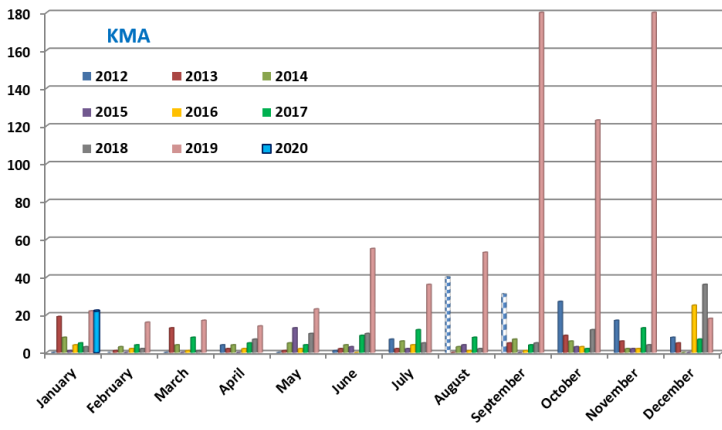
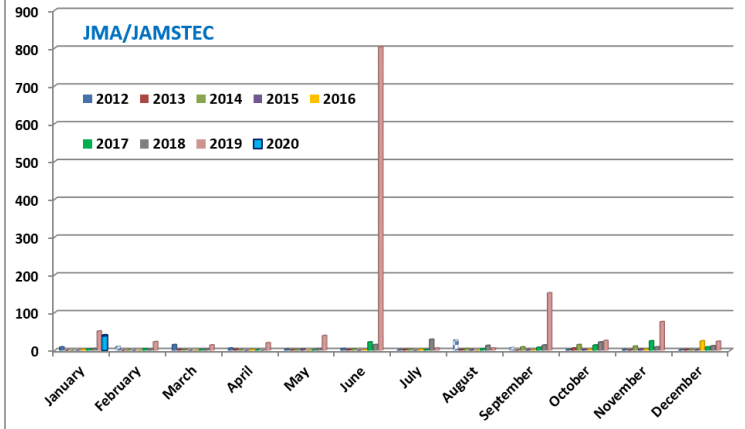
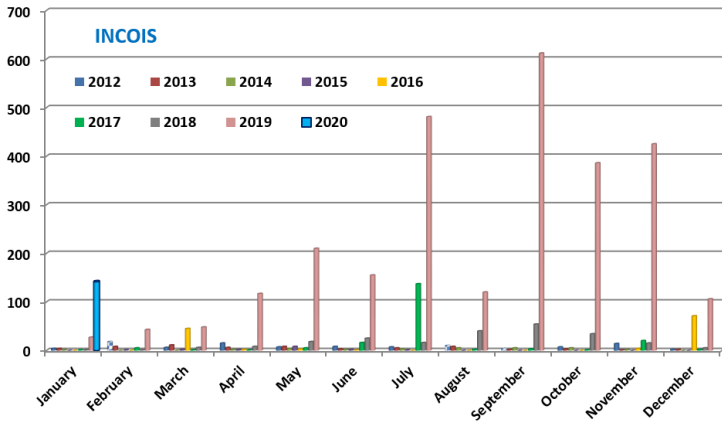


### 3.1. Year

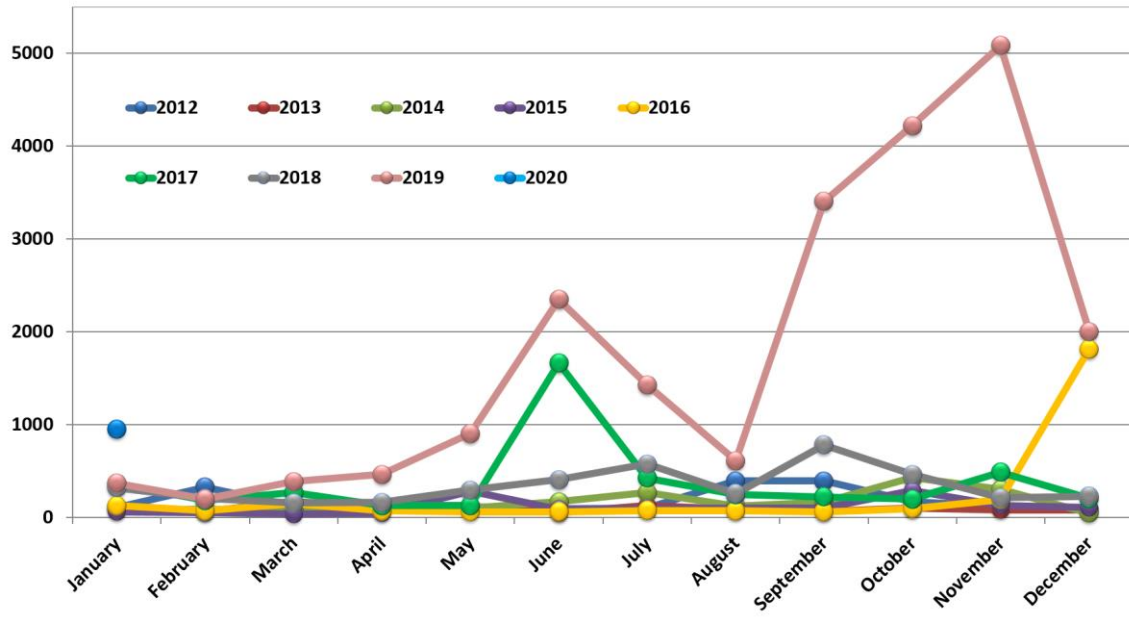


### 3.2. DAC





### 3.3. Anomalies by year, by month

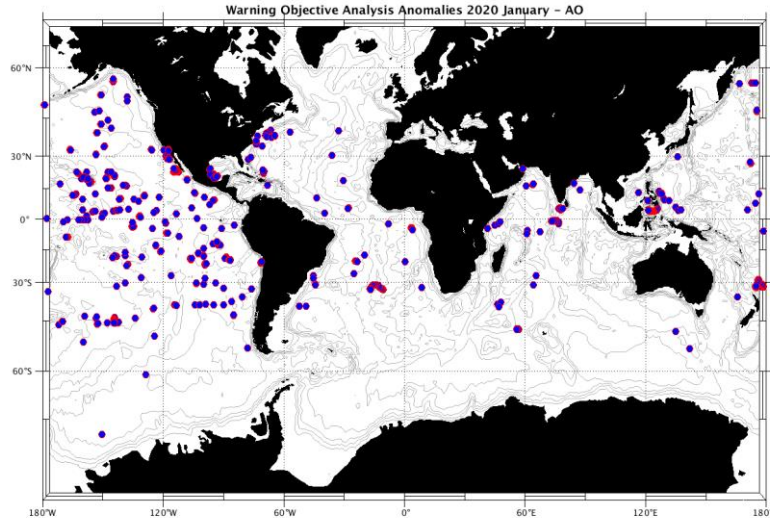


## 4. DAC Anomalies

### 4.1. DAC AOML

Profiles detected by the objective analysis: 602 profiles (189 floats, but floats can have several cycles with anomalies)

Data_mode ='R'	Data_mode ='A'	Data_mode ='D'
121 cycles	394 cycles	87 cycles



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

**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)**

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

Float : 1901584 - Cycle : 134 - PI : BRECK OWENS - Data mode : R - Platform type : SOLO\_W - WMO inst type : 851 - FLOAT SERIAL : 1119 - Date : 2015 11 11  
Float : 1901606 - Cycle : 270 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 5318 - Date : 2020 1 22  
Float : 1901816 - Cycle : 133 - PI : BRECK OWENS, STEVEN JAYNE, P.E. ROBBINS - Data mode : R - Platform type : S2A - WMO inst type : 854 - FLOAT SERIAL : 7352 - Date : 2019 12 30  
Float : 1901826 - Cycle : 114 - PI : BRECK OWENS, STEVEN JAYNE, P.E. ROBBINS - Data mode : R - Platform type : S2A - WMO inst type : 854 - FLOAT SERIAL : 7383 - Date : 2019 12 13  
Float : 1901826 - Cycle : 115 - PI : BRECK OWENS, STEVEN JAYNE, P.E. ROBBINS - Data mode : R - Platform type : S2A - WMO inst type : 854 - FLOAT SERIAL : 7383 - Date : 2019 12 23  
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 : 118 - PI : BRECK OWENS, STEVEN JAYNE, P.E. ROBBINS - Data mode : R - Platform type : S2A - WMO inst type : 854 - FLOAT SERIAL : 7383 - Date : 2020 1 22  
Float : 1902056 - Cycle : 113 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : NAVIS\_A - WMO inst type : 863 - FLOAT SERIAL : 0681 - Date : 2019 12 22  
Float : 1902057 - Cycle : 113 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : NAVIS\_A - WMO inst type : 863 - FLOAT SERIAL : 0707 - Date : 2019 12 22  
Float : 1902057 - Cycle : 114 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : NAVIS\_A - WMO inst type : 863 - FLOAT SERIAL : 0707 - Date : 2020 1 1  
Float : 1902057 - Cycle : 115 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : NAVIS\_A - WMO inst type : 863 - FLOAT SERIAL : 0707 - Date : 2020 1 11  
Float : 1902063 - Cycle : 113 - PI : BRECK OWENS, STEVEN JAYNE, P.E. ROBBINS - Data mode : R - Platform type : S2A - WMO inst type : 854 - FLOAT SERIAL : 7397 - Date : 2019 12 11  
Float : 1902065 - Cycle : 98 - PI : BRECK OWENS, STEVEN JAYNE, P.E. ROBBINS - Data mode : R - Platform type : S2A - WMO inst type : 854 - FLOAT SERIAL : 7399 - Date : 2019 7 24  
Float : 1902065 - Cycle : 99 - PI : BRECK OWENS, STEVEN JAYNE, P.E. ROBBINS - Data mode : R - Platform type : S2A - WMO inst type : 854 - FLOAT SERIAL : 7399 - Date : 2019 8 3  
Float : 1902065 - Cycle : 100 - PI : BRECK OWENS, STEVEN JAYNE, P.E. ROBBINS - Data mode : R - Platform type : S2A - WMO inst type : 854 - FLOAT SERIAL : 7399 - Date : 2019 8 13  
Float : 1902065 - Cycle : 101 - PI : BRECK OWENS, STEVEN JAYNE, P.E. ROBBINS - Data mode : R - Platform type : S2A - WMO inst type : 854 - FLOAT SERIAL : 7399 - Date : 2019 8 23  
Float : 1902065 - Cycle : 102 - PI : BRECK OWENS, STEVEN JAYNE, P.E. ROBBINS - Data mode : R - Platform type : S2A - WMO inst type : 854 - FLOAT SERIAL : 7399 - Date : 2019 9 2  
Float : 1902065 - Cycle : 103 - PI : BRECK OWENS, STEVEN JAYNE, P.E. ROBBINS - Data mode : R - Platform type : S2A - WMO inst type : 854 - FLOAT SERIAL : 7399 - Date : 2019 9 12  
Float : 1902065 - Cycle : 104 - PI : BRECK OWENS, STEVEN JAYNE, P.E. ROBBINS - Data mode : R - Platform type : S2A - WMO inst type : 854 - FLOAT SERIAL : 7399 - Date : 2019 9 22  
Float : 1902065 - Cycle : 105 - PI : BRECK OWENS, STEVEN JAYNE, P.E. ROBBINS - Data mode : R - Platform type : S2A - WMO inst type : 854 - FLOAT SERIAL : 7399 - Date : 2019 10 2  
Float : 1902065 - Cycle : 106 - PI : BRECK OWENS, STEVEN JAYNE, P.E. ROBBINS - Data mode : R - Platform type : S2A - WMO inst type : 854 - FLOAT SERIAL : 7399 - Date : 2019 10 12  
Float : 1902065 - Cycle : 107 - PI : BRECK OWENS, STEVEN JAYNE, P.E. ROBBINS - Data mode : R - Platform type : S2A - WMO inst type : 854 - FLOAT SERIAL : 7399 - Date : 2019 10 22  
Float : 1902065 - Cycle : 108 - PI : BRECK OWENS, STEVEN JAYNE, P.E. ROBBINS - Data mode : R - Platform type : S2A - WMO inst type : 854 - FLOAT SERIAL : 7399 - Date : 2019 10 31  
Float : 1902065 - Cycle : 109 - PI : BRECK OWENS, STEVEN JAYNE, P.E. ROBBINS - Data mode : R - Platform type : S2A - WMO inst type : 854 - FLOAT SERIAL : 7399 - Date : 2019 11 10  
Float : 1902065 - Cycle : 110 - PI : BRECK OWENS, STEVEN JAYNE, P.E. ROBBINS - Data mode : R - Platform type : S2A - WMO inst type : 854 - FLOAT SERIAL : 7399 - Date : 2019 11 20  
Float : 1902065 - Cycle : 111 - PI : BRECK OWENS, STEVEN JAYNE, P.E. ROBBINS - Data mode : R - Platform type : S2A - WMO inst type : 854 - FLOAT SERIAL : 7399 - Date : 2019 11 30  
Float : 1902065 - Cycle : 112 - PI : BRECK OWENS, STEVEN JAYNE, P.E. ROBBINS - Data mode : R - Platform type : S2A - WMO inst type : 854 - FLOAT SERIAL : 7399 - Date : 2019 12 10  
Float : 1902065 - Cycle : 113 - PI : BRECK OWENS, STEVEN JAYNE, P.E. ROBBINS - Data mode : R - Platform type : S2A - WMO inst type : 854 - FLOAT SERIAL : 7399 - Date : 2019 12 20  
Float : 1902065 - Cycle : 114 - PI : BRECK OWENS, STEVEN JAYNE, P.E. ROBBINS - Data mode : R - Platform type : S2A - WMO inst type : 854 - FLOAT SERIAL : 7399 - Date : 2019 12 30  
Float : 1902184 - Cycle : 321 - PI : BRECK OWENS, STEVEN JAYNE, P.E. ROBBINS - Data mode : A - Platform type : S2A - WMO inst type : 854 - FLOAT SERIAL : 7457 - Date : 2020 1 23  
Float : 1902184 - Cycle : 322 - PI : BRECK OWENS, STEVEN JAYNE, P.E. ROBBINS - Data mode : A - Platform type : S2A - WMO inst type : 854 - FLOAT SERIAL : 7457 - Date : 2020 1 24  
Float : 1902184 - Cycle : 323 - PI : BRECK OWENS, STEVEN JAYNE, P.E. ROBBINS - Data mode : A - Platform type : S2A - WMO inst type : 854 - FLOAT SERIAL : 7457 - Date : 2020 1 25  
Float : 1902184 - Cycle : 324 - PI : BRECK OWENS, STEVEN JAYNE, P.E. ROBBINS - Data mode : A - Platform type : S2A - WMO inst type : 854 - FLOAT SERIAL : 7457 - Date : 2020 1 26  
Float : 1902184 - Cycle : 325 - PI : BRECK OWENS, STEVEN JAYNE, P.E. ROBBINS - Data mode : A - Platform type : S2A - WMO inst type : 854 - FLOAT SERIAL : 7457 - Date : 2020 1 26









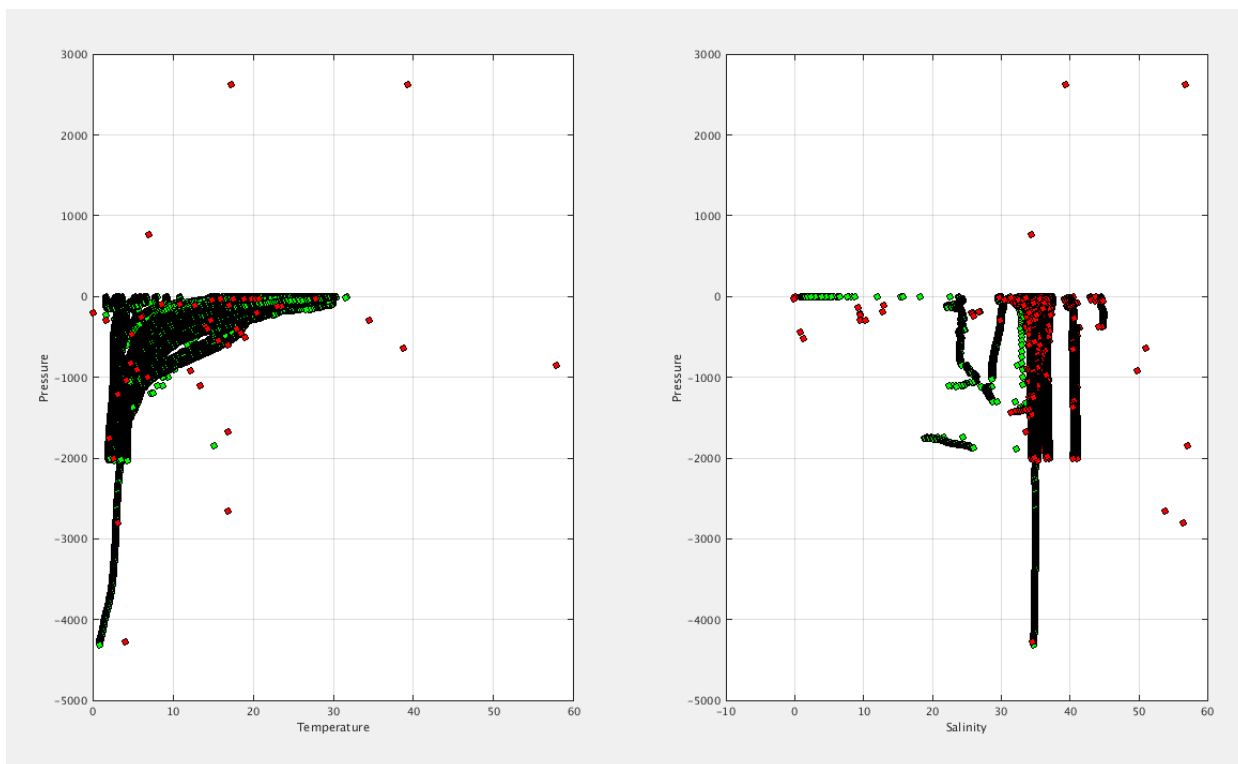








Float : 5904536 - Cycle : 240 - PI : DEAN ROEMMICH - Data mode : D - Platform type : SOLO\_II - WMO inst type : 853 - FLOAT SERIAL : 8249 - Date : 2019 10 2  
 Float : 5904536 - Cycle : 241 - PI : DEAN ROEMMICH - Data mode : D - Platform type : SOLO\_II - WMO inst type : 853 - FLOAT SERIAL : 8249 - Date : 2019 10 12  
 Float : 5904536 - Cycle : 242 - PI : DEAN ROEMMICH - Data mode : D - Platform type : SOLO\_II - WMO inst type : 853 - FLOAT SERIAL : 8249 - Date : 2019 10 13  
 Float : 5904536 - Cycle : 243 - PI : DEAN ROEMMICH - Data mode : D - Platform type : SOLO\_II - WMO inst type : 853 - FLOAT SERIAL : 8249 - Date : 2019 10 23  
 Float : 5904536 - Cycle : 244 - PI : DEAN ROEMMICH - Data mode : D - Platform type : SOLO\_II - WMO inst type : 853 - FLOAT SERIAL : 8249 - Date : 2019 11 1  
 Float : 5904536 - Cycle : 245 - PI : DEAN ROEMMICH - Data mode : D - Platform type : SOLO\_II - WMO inst type : 853 - FLOAT SERIAL : 8249 - Date : 2019 11 2  
 Float : 5904536 - Cycle : 246 - PI : DEAN ROEMMICH - Data mode : D - Platform type : SOLO\_II - WMO inst type : 853 - FLOAT SERIAL : 8249 - Date : 2019 11 12  
 Float : 5904536 - Cycle : 247 - PI : DEAN ROEMMICH - Data mode : D - Platform type : SOLO\_II - WMO inst type : 853 - FLOAT SERIAL : 8249 - Date : 2019 11 22  
 Float : 5904536 - Cycle : 248 - PI : DEAN ROEMMICH - Data mode : D - Platform type : SOLO\_II - WMO inst type : 853 - FLOAT SERIAL : 8249 - Date : 2019 11 23  
 Float : 5904536 - Cycle : 249 - PI : DEAN ROEMMICH - Data mode : D - Platform type : SOLO\_II - WMO inst type : 853 - FLOAT SERIAL : 8249 - Date : 2019 12 2  
 Float : 5904536 - Cycle : 250 - PI : DEAN ROEMMICH - Data mode : D - Platform type : SOLO\_II - WMO inst type : 853 - FLOAT SERIAL : 8249 - Date : 2019 12 12  
 Float : 5904536 - Cycle : 251 - PI : DEAN ROEMMICH - Data mode : D - Platform type : SOLO\_II - WMO inst type : 853 - FLOAT SERIAL : 8249 - Date : 2019 12 22  
 Float : 5904536 - Cycle : 252 - PI : DEAN ROEMMICH - Data mode : D - Platform type : SOLO\_II - WMO inst type : 853 - FLOAT SERIAL : 8249 - Date : 2019 12 23  
 Float : 5904536 - Cycle : 253 - PI : DEAN ROEMMICH - Data mode : D - Platform type : SOLO\_II - WMO inst type : 853 - FLOAT SERIAL : 8249 - Date : 2020 1 1  
 Float : 5904536 - Cycle : 254 - PI : DEAN ROEMMICH - Data mode : D - Platform type : SOLO\_II - WMO inst type : 853 - FLOAT SERIAL : 8249 - Date : 2020 1 11  
 Float : 5905103 - Cycle : 33 - PI : STEPHEN RISER, KENNETH JOHNSON - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7704 - Date : 2019 1 2

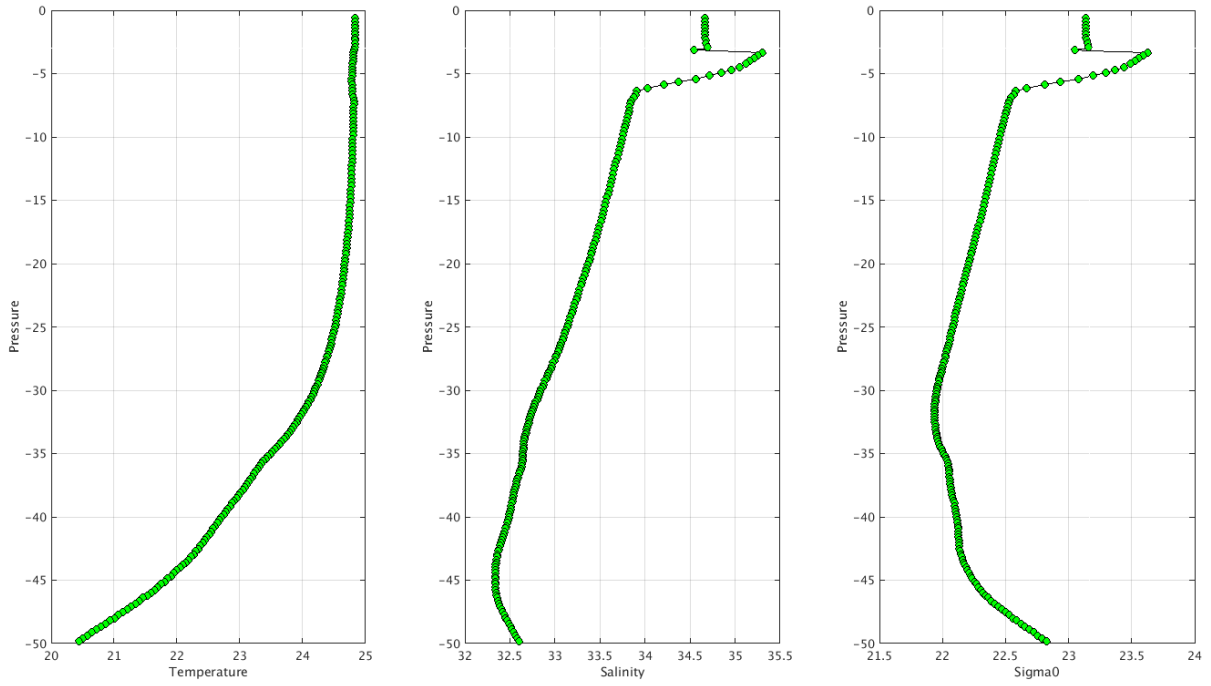


Plot for the 240 first profiles.

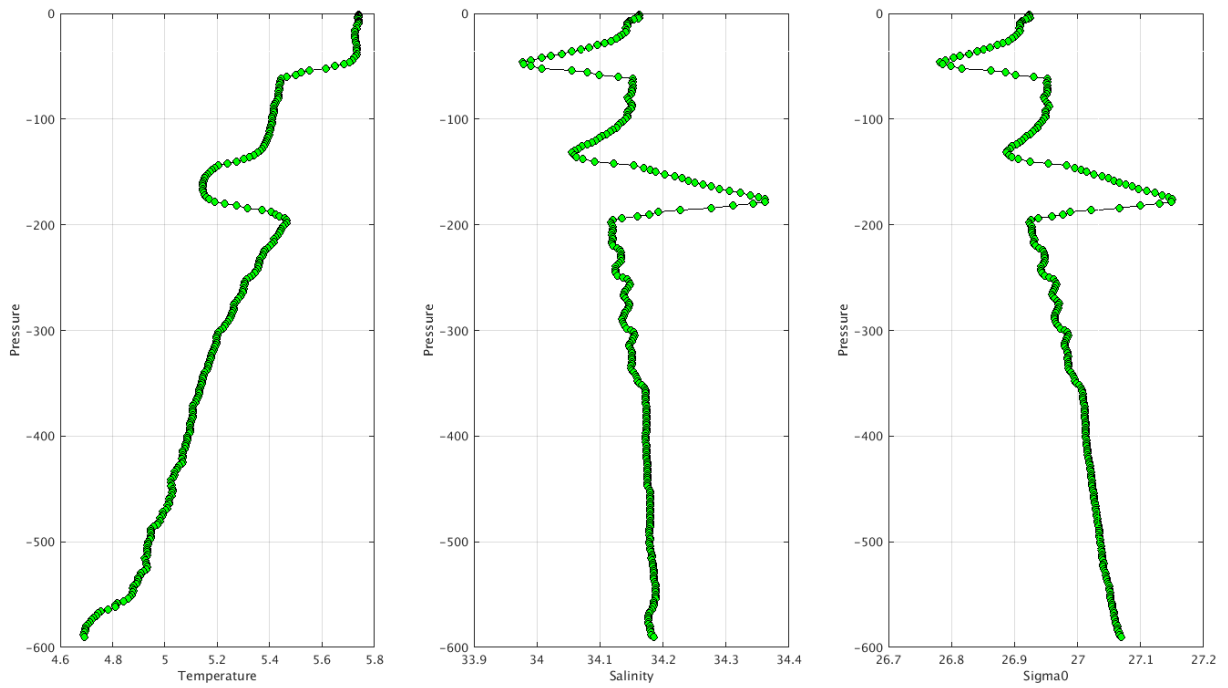
The list of the anomalies can be found at <ftp://ftp.ifremer.fr/ifremer/argo/etc/ObjectiveAnalysisWarning/aoml/>

Example of anomalies:

Warning Objective Analysis Anomalies 2020 January TEMP PSAL : DAC AO- Float 1901806 - 153



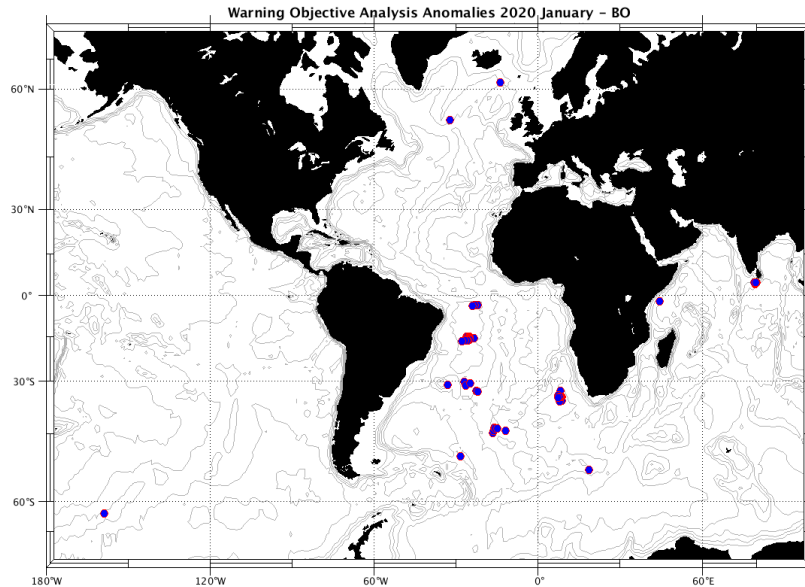
Warning Objective Analysis Anomalies 2020 January TEMP PSAL : DAC AO- Float 3901058 - 311



## 4.2. DAC BODC

Profiles detected by the objective analysis: 63 profiles (13 floats, but floats can have several cycles with anomalies)

Data_mode ='R'	Data_mode ='A'	Data_mode ='D'
7 cycles	52 cycles	4 cycles



**Status of corrections: Correction not yet done, few feedback.**

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

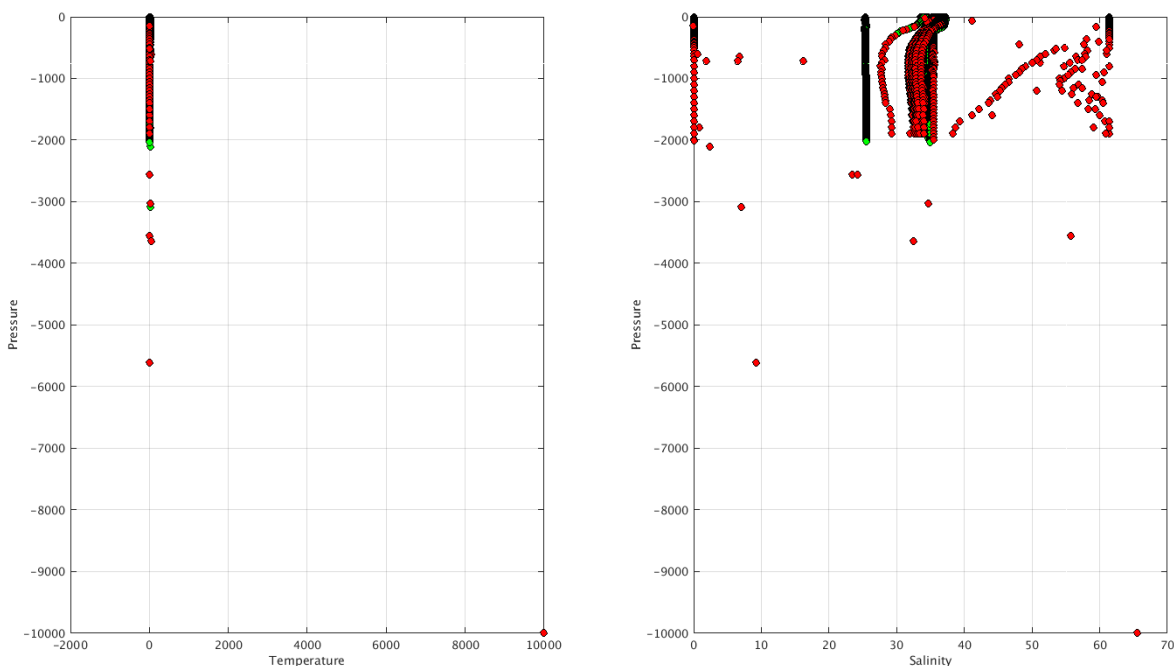
Float : 1901305 - Cycle : 66 - PI : Jon Turton - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 6242 - Date : 2015 1 4  
 Float : 1901849 - Cycle : 199 - PI : Jon Turton - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7008 - Date : 2019 11 3  
 Float : 1901866 - Cycle : 85 - PI : Jon Turton - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7325 - Date : 2019 7 8  
 Float : 1901866 - Cycle : 88 - PI : Jon Turton - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7325 - Date : 2019 8 7  
 Float : 1901866 - Cycle : 91 - PI : Jon Turton - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7325 - Date : 2019 9 6  
 Float : 1901866 - Cycle : 93 - PI : Jon Turton - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7325 - Date : 2019 9 26  
 Float : 1901866 - Cycle : 94 - PI : Jon Turton - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7325 - Date : 2019 10 6  
 Float : 1901866 - Cycle : 98 - PI : Jon Turton - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7325 - Date : 2019 11 15  
 Float : 1901866 - Cycle : 101 - PI : Jon Turton - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7325 - Date : 2019 12 15  
 Float : 1901901 - Cycle : 41 - PI : Jon Turton - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 8463 - Date : 2019 8 2  
 Float : 1901914 - Cycle : 1 - PI : Jon Turton - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 3901 - Date : 2019 10 10  
 Float : 1901914 - Cycle : 2 - PI : Jon Turton - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 3901 - Date : 2019 10 20  
 Float : 1901914 - Cycle : 3 - PI : Jon Turton - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 3901 - Date : 2019 10 30  
 Float : 1901914 - Cycle : 4 - PI : Jon Turton - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 3901 - Date : 2019 11 9  
 Float : 1901914 - Cycle : 6 - PI : Jon Turton - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 3901 - Date : 2019 11 29  
 Float : 1901914 - Cycle : 7 - PI : Jon Turton - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 3901 - Date : 2019 12 9  
 Float : 1901914 - Cycle : 8 - PI : Jon Turton - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 3901 - Date : 2019 12 19  
 Float : 1901914 - Cycle : 9 - PI : Jon Turton - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 3901 - Date : 2019 12 29  
 Float : 1901914 - Cycle : 10 - PI : Jon Turton - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 3901 - Date : 2020 1 8  
 Float : 1901914 - Cycle : 11 - PI : Jon Turton - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 3901 - Date : 2020 1 18  
 Float : 2901897 - Cycle : 199 - PI : Brian King - Data mode : A - Platform type : NAVIS\_EBR - WMO inst type : 863 - FLOAT SERIAL : 0630 - Date : 2019 12 14  
 Float : 2901897 - Cycle : 200 - PI : Brian King - Data mode : A - Platform type : NAVIS\_EBR - WMO inst type : 863 - FLOAT SERIAL : 0630 - Date : 2019 12 23  
 Float : 2901897 - Cycle : 201 - PI : Brian King - Data mode : A - Platform type : NAVIS\_EBR - WMO inst type : 863 - FLOAT SERIAL : 0630 - Date : 2020 1 1  
 Float : 2901897 - Cycle : 202 - PI : Brian King - Data mode : A - Platform type : NAVIS\_EBR - WMO inst type : 863 - FLOAT SERIAL : 0630 - Date : 2020 1 10  
 Float : 2901897 - Cycle : 203 - PI : Brian King - Data mode : A - Platform type : NAVIS\_EBR - WMO inst type : 863 - FLOAT SERIAL : 0630 - Date : 2020 1 20  
 Float : 3901548 - Cycle : 5 - PI : Jon Turton - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7001 - Date : 2018 11 24  
 Float : 3901548 - Cycle : 6 - PI : Jon Turton - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7001 - Date : 2018 12 4  
 Float : 3901548 - Cycle : 7 - PI : Jon Turton - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7001 - Date : 2018 12 14  
 Float : 3901548 - Cycle : 8 - PI : Jon Turton - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7001 - Date : 2018 12 24  
 Float : 3901548 - Cycle : 21 - PI : Jon Turton - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7001 - Date : 2019 5 3  
 Float : 3901548 - Cycle : 22 - PI : Jon Turton - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7001 - Date : 2019 5 13

Float : 3901548 - Cycle : 23 - PI : Jon Turton - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7001 - Date : 2019 5 23  
 Float : 3901548 - Cycle : 24 - PI : Jon Turton - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7001 - Date : 2019 6 2  
 Float : 3901548 - Cycle : 25 - PI : Jon Turton - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7001 - Date : 2019 6 12  
 Float : 3901548 - Cycle : 26 - PI : Jon Turton - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7001 - Date : 2019 6 22  
 Float : 3901548 - Cycle : 27 - PI : Jon Turton - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7001 - Date : 2019 7 2  
 Float : 3901548 - Cycle : 28 - PI : Jon Turton - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7001 - Date : 2019 7 12  
 Float : 3901548 - Cycle : 29 - PI : Jon Turton - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7001 - Date : 2019 7 22  
 Float : 3901548 - Cycle : 30 - PI : Jon Turton - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7001 - Date : 2019 8 1  
 Float : 3901548 - Cycle : 31 - PI : Jon Turton - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7001 - Date : 2019 8 11  
 Float : 3901548 - Cycle : 32 - PI : Jon Turton - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7001 - Date : 2019 8 21  
 Float : 3901548 - Cycle : 33 - PI : Jon Turton - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7001 - Date : 2019 8 31  
 Float : 3901548 - Cycle : 34 - PI : Jon Turton - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7001 - Date : 2019 9 10  
 Float : 3901548 - Cycle : 35 - PI : Jon Turton - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7001 - Date : 2019 9 20  
 Float : 3901548 - Cycle : 36 - PI : Jon Turton - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7001 - Date : 2019 9 30  
 Float : 3901548 - Cycle : 38 - PI : Jon Turton - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7001 - Date : 2019 10 20  
 Float : 3901548 - Cycle : 39 - PI : Jon Turton - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7001 - Date : 2019 10 30  
 Float : 3901548 - Cycle : 40 - PI : Jon Turton - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7001 - Date : 2019 11 9  
 Float : 3901548 - Cycle : 42 - PI : Jon Turton - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7001 - Date : 2019 11 29  
 Float : 3901548 - Cycle : 45 - PI : Jon Turton - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7001 - Date : 2019 12 29  
 Float : 3901904 - Cycle : 105 - PI : Pierre-Marie Poulain - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : AR2600-16FR067 - Date : 2019 12 2  
 Float : 3901955 - Cycle : 81 - PI : Andy Rees - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : AI2600-16FR098 - Date : 2019 12 24  
 Float : 3901955 - Cycle : 82 - PI : Andy Rees - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : AI2600-16FR098 - Date : 2020 1 3  
 Float : 3901955 - Cycle : 83 - PI : Andy Rees - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : AI2600-16FR098 - Date : 2020 1 13  
 Float : 6901166 - Cycle : 187 - PI : Jon Turton - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 6608 - Date : 2019 8 14  
 Float : 6901930 - Cycle : 61 - PI : Diarmuid O'Conchubhair - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : AI2600-17EU02 - Date : 2019 11 19

**Files data mode='D'**

Float : 3900114 - Cycle : 10 - PI : Jon Turton - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 894 - Date : 2003 8 30  
 Float : 3900114 - Cycle : 148 - PI : Jon Turton - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 894 - Date : 2007 7 12  
 Float : 3900114 - Cycle : 150 - PI : Jon Turton - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 894 - Date : 2007 8 1  
 Float : 3901879 - Cycle : 77 - PI : Andreas Sterl - Data mode : D - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : AI2600-16FR042 - Date : 2019 5 5

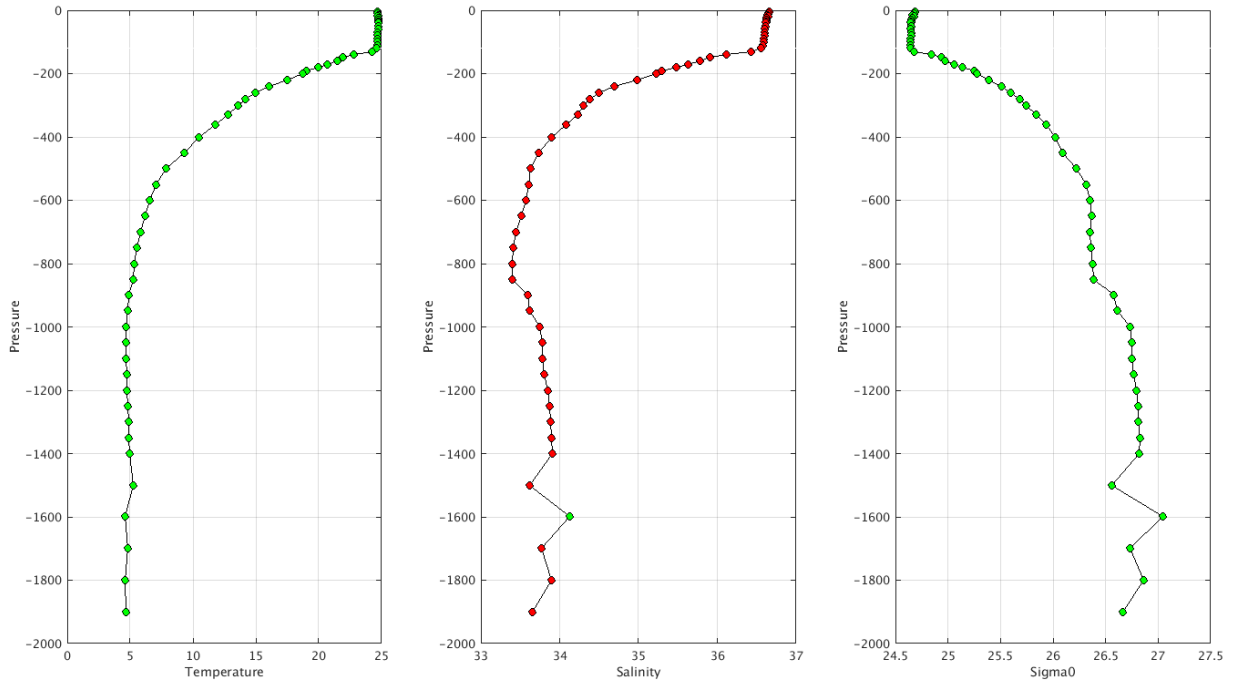
Warning Objective Analysis Anomalies 2020 January TEMP PSAL - DAC BO



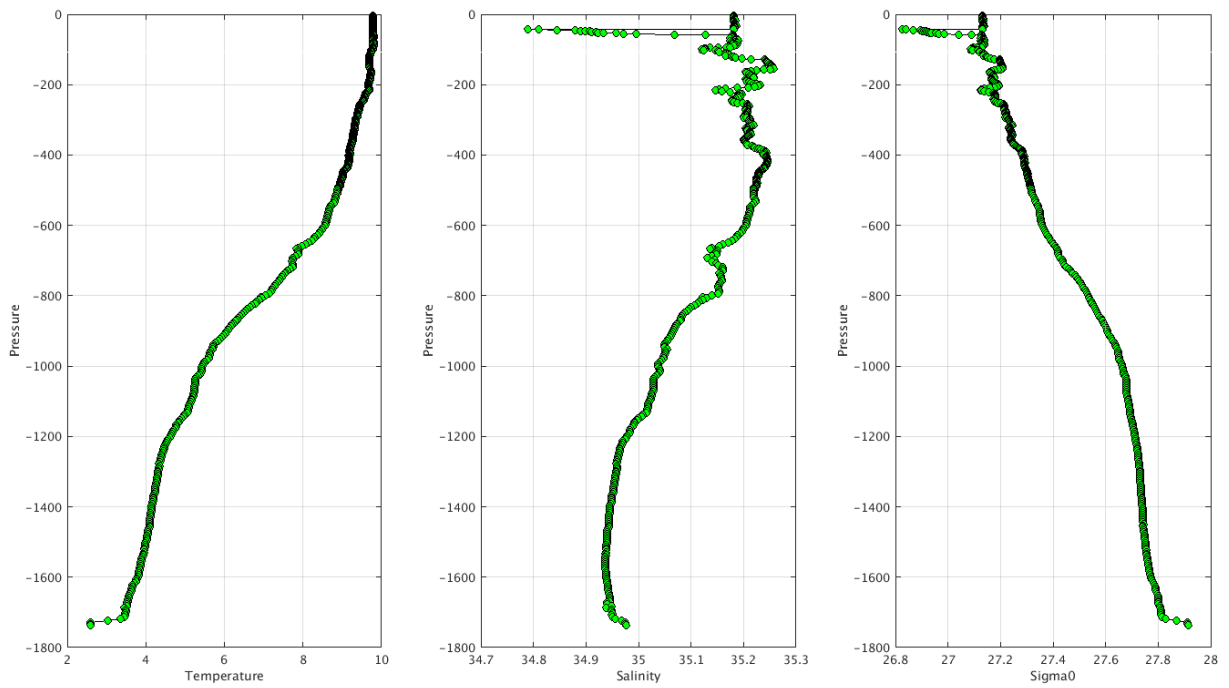
The list of the anomalies can be found at <ftp://ftp.ifremer.fr/ifremer/argo/etc/ObjectiveAnalysisWarning/bodc/>

Example of anomalies:

Warning Objective Analysis Anomalies 2020 January TEMP PSAL : DAC BO- Float 3901548 - 36



Warning Objective Analysis Anomalies 2020 January TEMP PSAL : DAC BO- Float 6901930 - 61



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

- Floats with D files but the following R files are still in 'R' mode and not in 'A' mode.

Ex. Floats 1901222

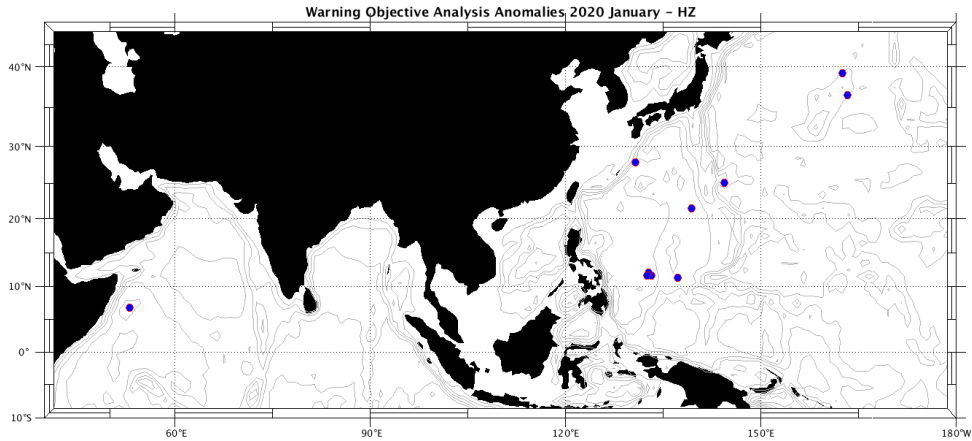




### 4.3. DAC CSIO

Profiles detected by the objective analysis: 10 profiles (6 floats, but floats can have several cycles with anomalies)

Data_mode ='R'	Data_mode ='A'	Data_mode ='D'
2 cycles	7 cycles	1 cycle



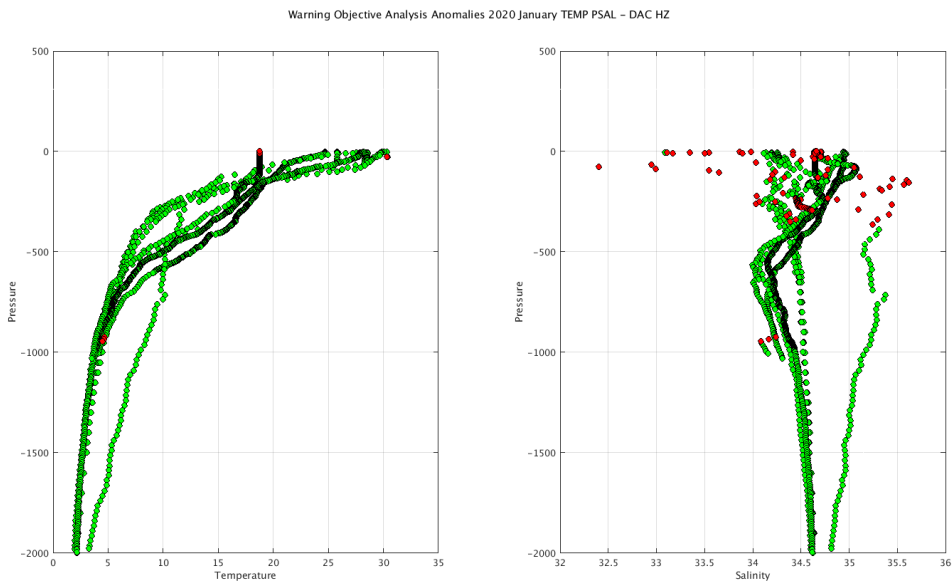
**Status of corrections:** No feedback, corrections not always done.

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

Float : 2901546 - Cycle : 39 - PI : JIANPING XU - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 6571 - Date : 2015 1 19  
 Float : 2901546 - Cycle : 50 - PI : JIANPING XU - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 6571 - Date : 2015 5 9  
 Float : 2901546 - Cycle : 52 - PI : JIANPING XU - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 6571 - Date : 2015 5 29  
 Float : 2901546 - Cycle : 55 - PI : JIANPING XU - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 6571 - Date : 2015 6 28  
 Float : 2901556 - Cycle : 403 - PI : Shangping Xie - Data mode : A - Platform type : PROVOR - WMO inst type : 841 - FLOAT SERIAL : OIN-13CH-HPX-07 - Date : 2015 5 7  
 Float : 2902622 - Cycle : 12 - PI : ZENGHONG LIU - Data mode : A - Platform type : PROVOR - WMO inst type : 841 - FLOAT SERIAL : OIN-13CH-S31-67 - Date : 2015 2 11  
 Float : 2902719 - Cycle : 145 - PI : JIANPING XU - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 8249 - Date : 2019 11 10  
 Float : 2902755 - Cycle : 203 - PI : FEI CHAI - Data mode : R - Platform type : PROVOR - WMO inst type : 841 - FLOAT SERIAL : P41308-17CH004 - Date : 2019 12 28  
 Float : 2902755 - Cycle : 208 - PI : FEI CHAI - Data mode : R - Platform type : PROVOR - WMO inst type : 841 - FLOAT SERIAL : P41308-17CH004 - Date : 2020 1 22

#### Files data mode='D'

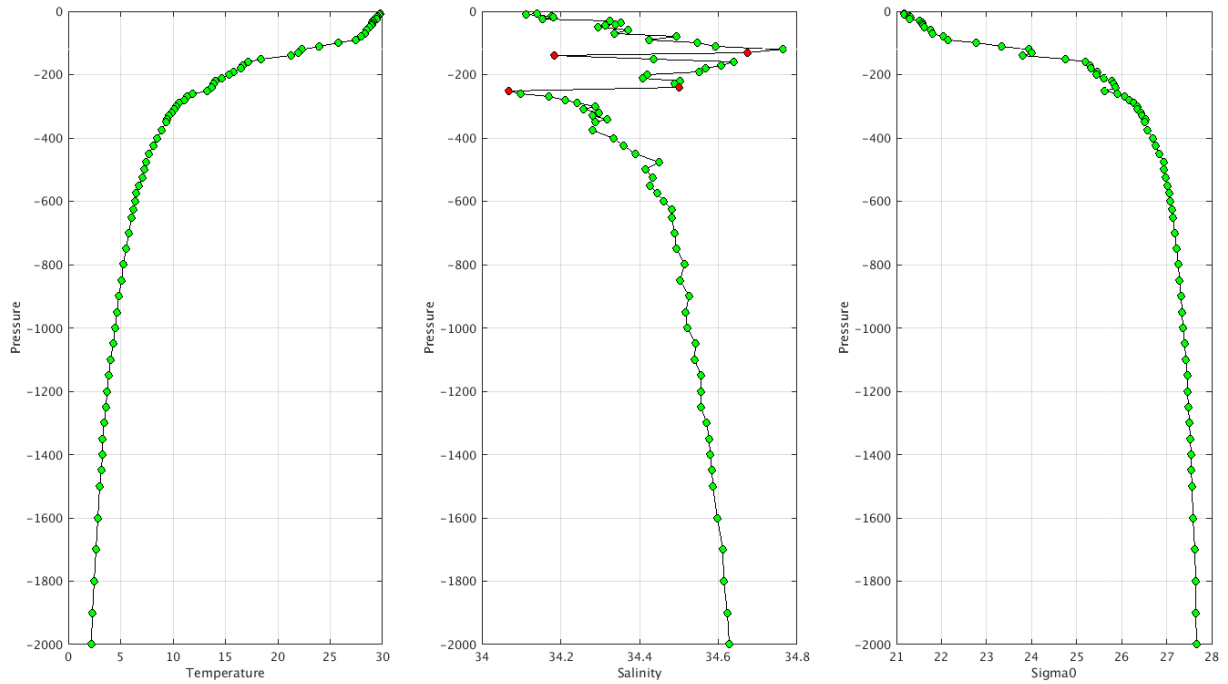
Float : 2902541 - Cycle : 122 - PI : ZENGHONG LIU - Data mode : D - Platform type : PROVOR - WMO inst type : 841 - FLOAT SERIAL : OIN-11CH-S31-01 - Date : 2015 6 20



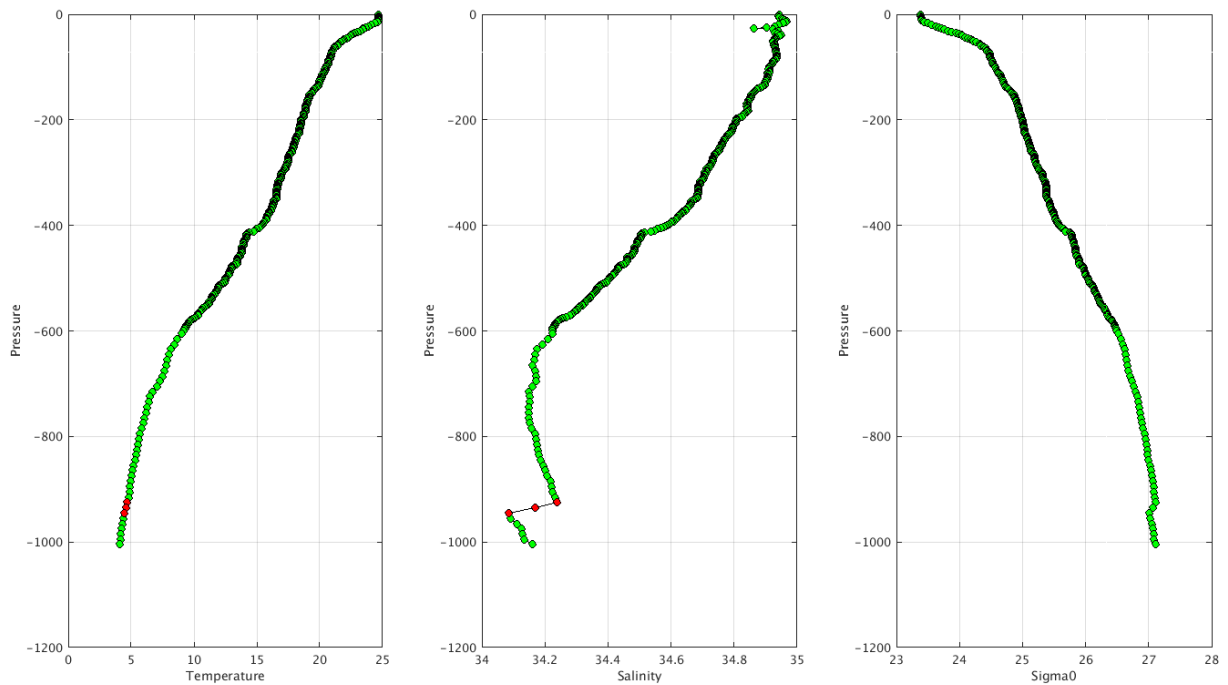
The list of the anomalies can be found at <http://ftp.ifremer.fr/ifremer/argo/etc/ObjectiveAnalysisWarning/csio/>

Example of anomalies:

Warning Objective Analysis Anomalies 2020 January TEMP PSAL : DAC HZ- Float 2901546 - 52



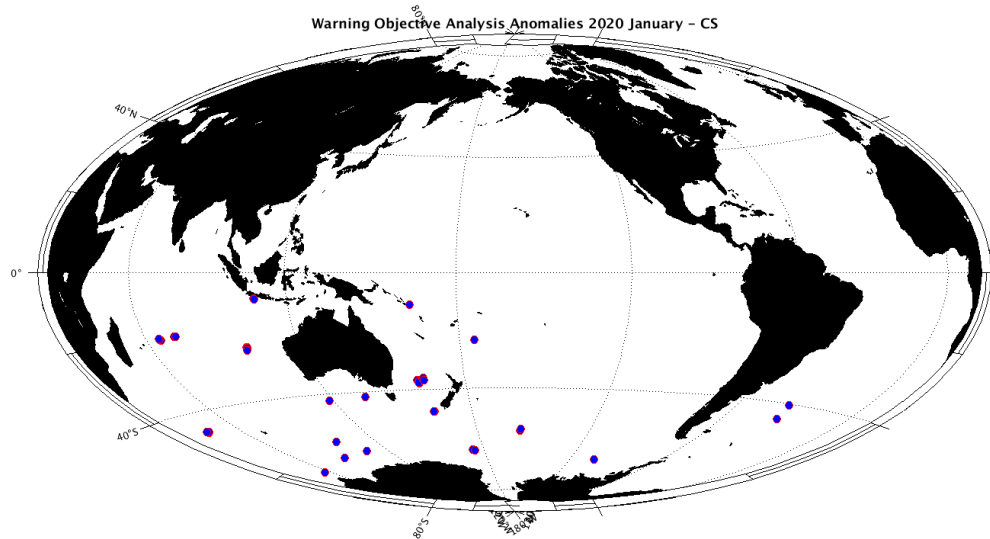
Warning Objective Analysis Anomalies 2020 January TEMP PSAL : DAC HZ- Float 2901556 - 403



#### 4.4. DAC CSIRO

Profiles detected by the objective analysis: 39 profiles (20 floats, but floats can have several cycles with anomalies)

Data_mode ='R'	Data_mode ='A'	Data_mode ='D'
0 cycle	26 cycles	13 cycles



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

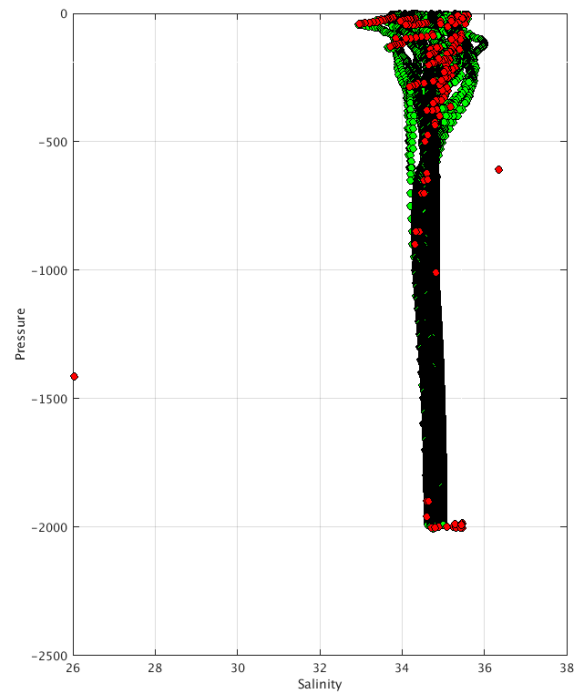
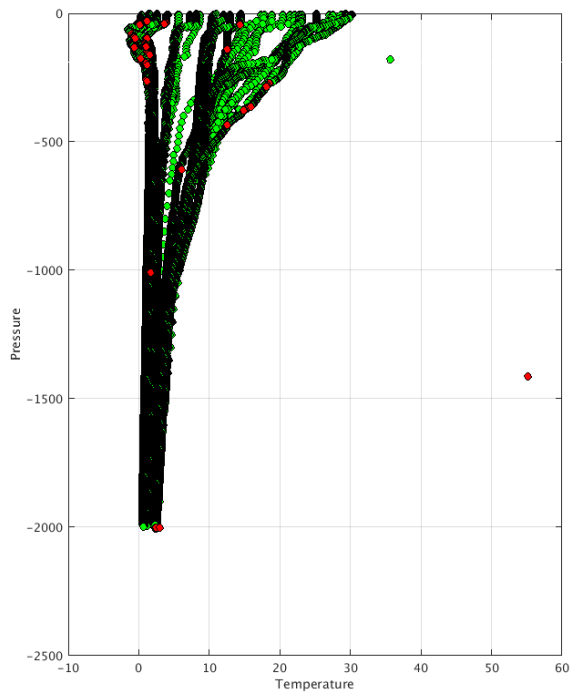
##### Files data\_mode='R' / 'A'

Float : 1901325 - Cycle : 303 - PI : Susan Wijffels - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 5479 - Date : 2019 12 29  
 Float : 1901325 - Cycle : 304 - PI : Susan Wijffels - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 5479 - Date : 2020 1 8  
 Float : 1901325 - Cycle : 305 - PI : Susan Wijffels - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 5479 - Date : 2020 1 18  
 Float : 5903248 - Cycle : 352 - PI : Susan Wijffels - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 4590 - Date : 2019 10 4  
 Float : 5903248 - Cycle : 353 - PI : Susan Wijffels - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 4590 - Date : 2019 10 14  
 Float : 5903248 - Cycle : 355 - PI : Susan Wijffels - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 4590 - Date : 2019 11 3  
 Float : 5903664 - Cycle : 324 - PI : Susan Wijffels - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 5074 - Date : 2019 12 19  
 Float : 5903706 - Cycle : 304 - PI : Susan Wijffels - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 5481 - Date : 2020 1 4  
 Float : 5903706 - Cycle : 305 - PI : Susan Wijffels - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 5481 - Date : 2020 1 14  
 Float : 5904248 - Cycle : 241 - PI : Susan Wijffels - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 5957 - Date : 2020 1 18  
 Float : 5904888 - Cycle : 197 - PI : Susan Wijffels - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7047 - Date : 2020 1 11  
 Float : 5905017 - Cycle : 151 - PI : Susan Wijffels - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7432 - Date : 2020 1 14  
 Float : 5905017 - Cycle : 152 - PI : Susan Wijffels - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7432 - Date : 2020 1 24  
 Float : 5905029 - Cycle : 147 - PI : Susan Wijffels - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7382 - Date : 2020 1 16  
 Float : 5905029 - Cycle : 148 - PI : Susan Wijffels - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7382 - Date : 2020 1 25  
 Float : 5905034 - Cycle : 138 - PI : Susan Wijffels - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7612 - Date : 2020 1 20  
 Float : 5905184 - Cycle : 117 - PI : Susan Wijffels - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7797 - Date : 2020 1 23  
 Float : 5905186 - Cycle : 116 - PI : Susan Wijffels - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7799 - Date : 2020 1 14  
 Float : 5905186 - Cycle : 117 - PI : Susan Wijffels - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7799 - Date : 2020 1 24  
 Float : 5905389 - Cycle : 76 - PI : Peter Oke - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 8154 - Date : 2020 1 1  
 Float : 7900333 - Cycle : 260 - PI : Steve Rintoul - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 6164 - Date : 2020 1 2  
 Float : 7900394 - Cycle : 220 - PI : Susan Wijffels - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 6567 - Date : 2019 12 26  
 Float : 7900617 - Cycle : 147 - PI : Susan Wijffels - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7385 - Date : 2020 1 6  
 Float : 7900622 - Cycle : 116 - PI : Steve Rintoul - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7736 - Date : 2020 1 17  
 Float : 7900622 - Cycle : 117 - PI : Steve Rintoul - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7736 - Date : 2020 1 27  
 Float : 7900644 - Cycle : 3 - PI : Peter Oke - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 8857 - Date : 2020 1 15

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

Float : 5901659 - Cycle : 248 - PI : Susan Wijffels - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 3709 - Date : 2015 1 22  
 Float : 5901659 - Cycle : 249 - PI : Susan Wijffels - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 3709 - Date : 2015 1 31  
 Float : 5901659 - Cycle : 252 - PI : Susan Wijffels - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 3709 - Date : 2015 3 3  
 Float : 5901659 - Cycle : 254 - PI : Susan Wijffels - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 3709 - Date : 2015 3 23  
 Float : 5901659 - Cycle : 261 - PI : Susan Wijffels - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 3709 - Date : 2015 5 31  
 Float : 5901659 - Cycle : 279 - PI : Susan Wijffels - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 3709 - Date : 2015 11 27  
 Float : 5901659 - Cycle : 280 - PI : Susan Wijffels - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 3709 - Date : 2015 12 8  
 Float : 5901659 - Cycle : 282 - PI : Susan Wijffels - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 3709 - Date : 2015 12 28  
 Float : 5901683 - Cycle : 251 - PI : Susan Wijffels - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 3675 - Date : 2015 9 18  
 Float : 5901683 - Cycle : 252 - PI : Susan Wijffels - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 3675 - Date : 2015 9 28  
 Float : 5901683 - Cycle : 253 - PI : Susan Wijffels - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 3675 - Date : 2015 10 7  
 Float : 5901683 - Cycle : 254 - PI : Susan Wijffels - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 3675 - Date : 2015 10 18

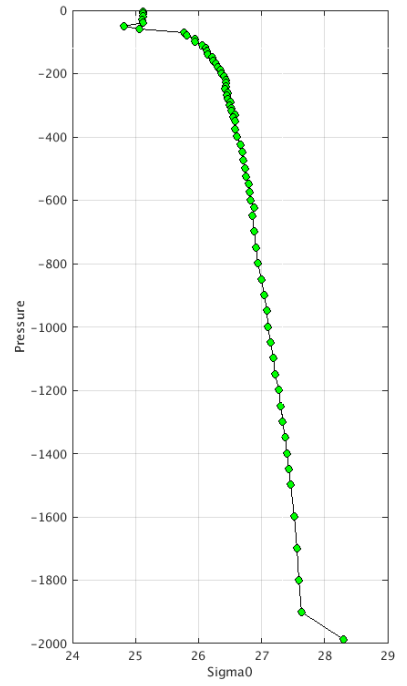
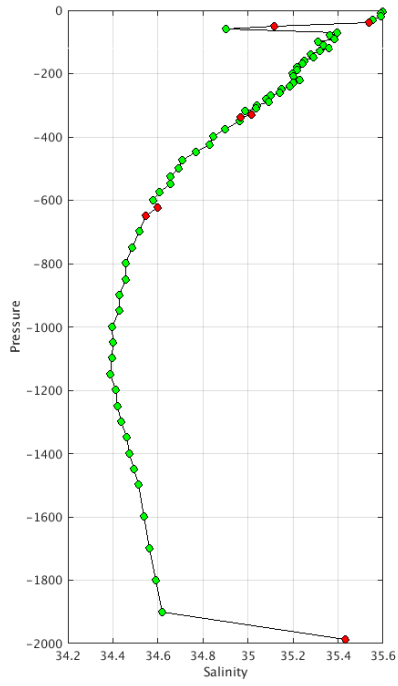
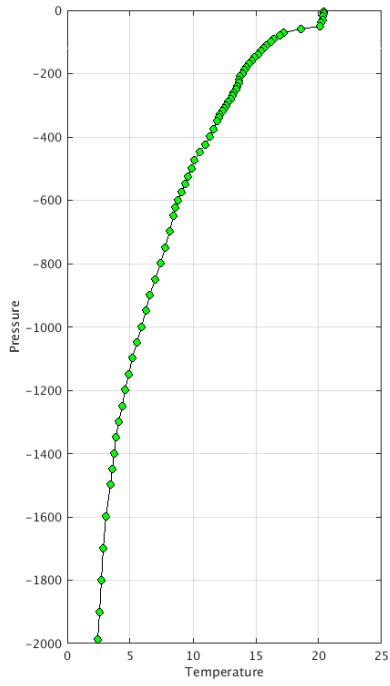
Warning Objective Analysis Anomalies 2020 January TEMP PSAL - DAC CS



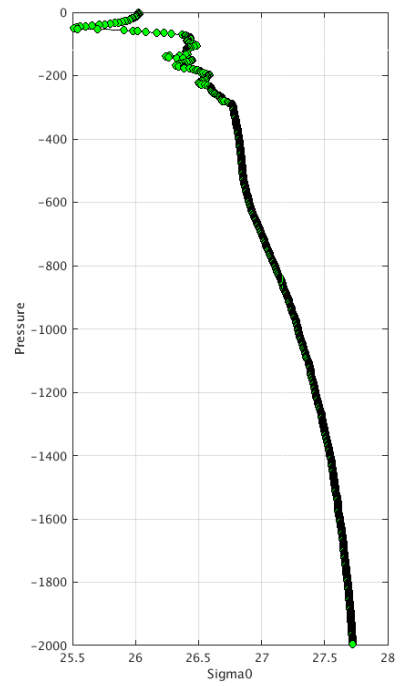
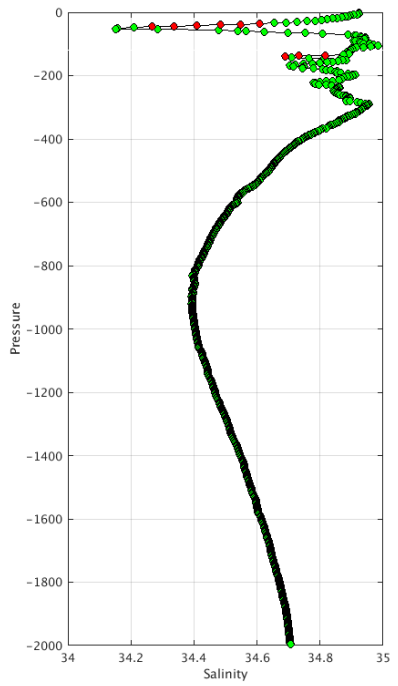
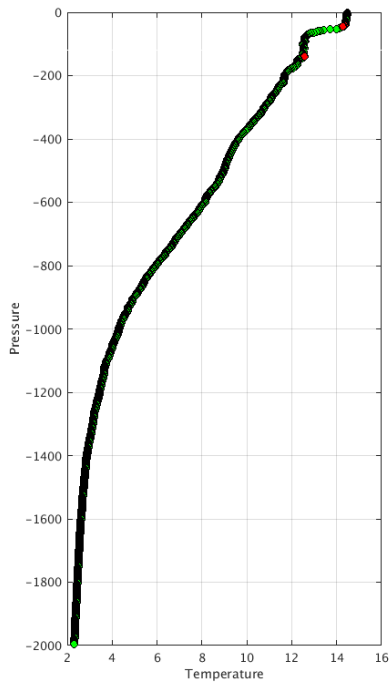
The list of the anomalies can be found at <ftp://ftp.ifremer.fr/ifremer/argo/etc/ObjectiveAnalysisWarning/csiro/>

Example of anomalies:

Warning Objective Analysis Anomalies 2020 January TEMP PSAL : DAC CS- Float 5901659 - 254



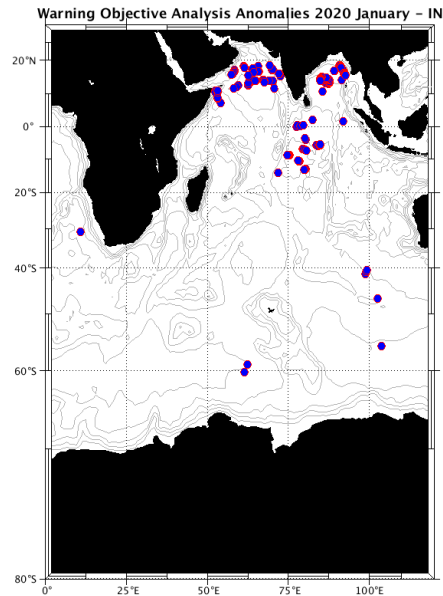
Warning Objective Analysis Anomalies 2020 January TEMP PSAL : DAC CS- Float 5904888 - 197



#### 4.5. DAC INCOIS

Profiles detected by the objective analysis: 142 profiles (41 floats, but floats can have several cycles with anomalies)

Data_mode ='R'	Data_mode ='A'	Data_mode ='D'
0 cycle	141 cycles	1 cycle



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

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

Float : 2901314 - Cycle : 230 - PI : M Ravichandran - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 4817 - Date : 2017 8 9  
 Float : 2902159 - Cycle : 33 - PI : M Ravichandran - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7118 - Date : 2015 5 8  
 Float : 2902164 - Cycle : 82 - PI : M Ravichandran - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7093 - Date : 2017 3 28  
 Float : 2902164 - Cycle : 88 - PI : M Ravichandran - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7093 - Date : 2017 5 26  
 Float : 2902166 - Cycle : 177 - PI : M Ravichandran - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7097 - Date : 2019 11 20  
 Float : 2902203 - Cycle : 135 - PI : M Ravichandran - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7541 - Date : 2019 11 8  
 Float : 2902203 - Cycle : 136 - PI : M Ravichandran - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7541 - Date : 2019 11 18  
 Float : 2902203 - Cycle : 137 - PI : M Ravichandran - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7541 - Date : 2019 11 28  
 Float : 2902209 - Cycle : 117 - PI : M Ravichandran - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7826 - Date : 2019 11 11  
 Float : 2902209 - Cycle : 118 - PI : M Ravichandran - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7826 - Date : 2019 11 21  
 Float : 2902209 - Cycle : 120 - PI : M Ravichandran - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7826 - Date : 2019 12 10  
 Float : 2902209 - Cycle : 121 - PI : M Ravichandran - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7826 - Date : 2019 12 20  
 Float : 2902209 - Cycle : 122 - PI : M Ravichandran - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7826 - Date : 2019 12 30  
 Float : 2902209 - Cycle : 123 - PI : M Ravichandran - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7826 - Date : 2020 1 9  
 Float : 2902209 - Cycle : 124 - PI : M Ravichandran - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7826 - Date : 2020 1 19  
 Float : 2902216 - Cycle : 114 - PI : M Ravichandran - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7554 - Date : 2019 12 29  
 Float : 2902228 - Cycle : 106 - PI : M Ravichandran - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7529 - Date : 2020 1 3  
 Float : 2902232 - Cycle : 277 - PI : M Ravichandran - Data mode : A - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 17002 - Date : 2019 12 25  
 Float : 2902232 - Cycle : 278 - PI : M Ravichandran - Data mode : A - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 17002 - Date : 2019 12 30  
 Float : 2902232 - Cycle : 279 - PI : M Ravichandran - Data mode : A - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 17002 - Date : 2020 1 4  
 Float : 2902233 - Cycle : 278 - PI : M Ravichandran - Data mode : A - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 17005 - Date : 2019 12 30  
 Float : 2902233 - Cycle : 279 - PI : M Ravichandran - Data mode : A - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 17005 - Date : 2020 1 4  
 Float : 2902233 - Cycle : 281 - PI : M Ravichandran - Data mode : A - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 17005 - Date : 2020 1 14  
 Float : 2902233 - Cycle : 282 - PI : M Ravichandran - Data mode : A - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 17005 - Date : 2020 1 19  
 Float : 2902233 - Cycle : 283 - PI : M Ravichandran - Data mode : A - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 17005 - Date : 2020 1 24  
 Float : 2902246 - Cycle : 73 - PI : M Ravichandran - Data mode : A - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 17101 - Date : 2019 12 21  
 Float : 2902250 - Cycle : 70 - PI : M Ravichandran - Data mode : A - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 17105 - Date : 2019 12 28  
 Float : 2902250 - Cycle : 71 - PI : M Ravichandran - Data mode : A - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 17105 - Date : 2020 1 7  
 Float : 2902250 - Cycle : 72 - PI : M Ravichandran - Data mode : A - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 17105 - Date : 2020 1 17  
 Float : 2902254 - Cycle : 92 - PI : M Ravichandran - Data mode : A - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 17107 - Date : 2019 12 21  
 Float : 2902254 - Cycle : 93 - PI : M Ravichandran - Data mode : A - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 17107 - Date : 2019 12 31  
 Float : 2902254 - Cycle : 94 - PI : M Ravichandran - Data mode : A - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 17107 - Date : 2020 1 10  
 Float : 2902254 - Cycle : 95 - PI : M Ravichandran - Data mode : A - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 17107 - Date : 2020 1 20  
 Float : 2902255 - Cycle : 175 - PI : M Ravichandran - Data mode : A - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 17108 - Date : 2019 12 17



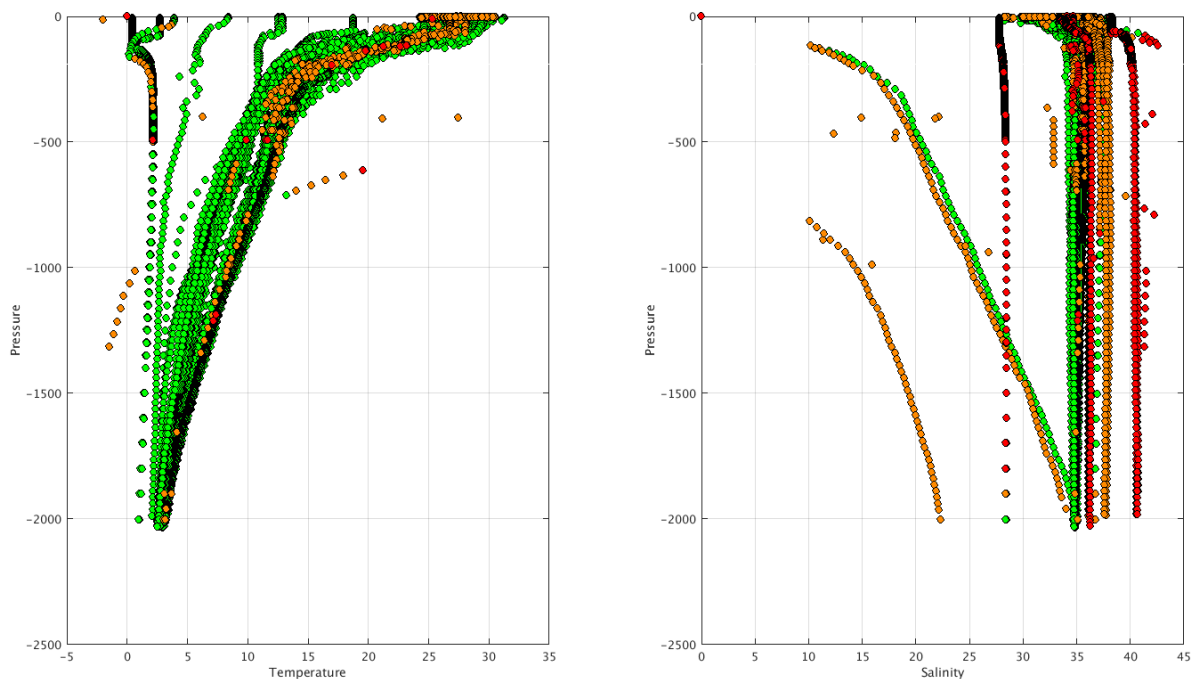


Float : 2902285 - Cycle : 298 - PI : M Ravichandran - Data mode : A - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 18013 - Date : 2019 12 25  
 Float : 2902285 - Cycle : 299 - PI : M Ravichandran - Data mode : A - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 18013 - Date : 2019 12 30  
 Float : 2902285 - Cycle : 300 - PI : M Ravichandran - Data mode : A - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 18013 - Date : 2020 1 4  
 Float : 2902285 - Cycle : 301 - PI : M Ravichandran - Data mode : A - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 18013 - Date : 2020 1 9  
 Float : 2902285 - Cycle : 302 - PI : M Ravichandran - Data mode : A - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 18013 - Date : 2020 1 14  
 Float : 2902285 - Cycle : 303 - PI : M Ravichandran - Data mode : A - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 18013 - Date : 2020 1 19  
 Float : 2902286 - Cycle : 13 - PI : M Ravichandran - Data mode : A - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 18014 - Date : 2019 12 21  
 Float : 2902286 - Cycle : 14 - PI : M Ravichandran - Data mode : A - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 18014 - Date : 2019 12 31  
 Float : 2902286 - Cycle : 15 - PI : M Ravichandran - Data mode : A - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 18014 - Date : 2020 1 10  
 Float : 2902286 - Cycle : 16 - PI : M Ravichandran - Data mode : A - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 18014 - Date : 2020 1 20  
 Float : 2902287 - Cycle : 15 - PI : M Ravichandran - Data mode : A - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 18015 - Date : 2020 1 7  
 Float : 2902287 - Cycle : 16 - PI : M Ravichandran - Data mode : A - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 18015 - Date : 2020 1 17  
 Float : 2902288 - Cycle : 13 - PI : M Ravichandran - Data mode : A - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 18016 - Date : 2019 12 17  
 Float : 2902288 - Cycle : 14 - PI : M Ravichandran - Data mode : A - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 18016 - Date : 2019 12 27  
 Float : 2902288 - Cycle : 15 - PI : M Ravichandran - Data mode : A - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 18016 - Date : 2020 1 6  
 Float : 2902288 - Cycle : 16 - PI : M Ravichandran - Data mode : A - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 18016 - Date : 2020 1 16  
 Float : 2902288 - Cycle : 17 - PI : M Ravichandran - Data mode : A - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 18016 - Date : 2020 1 26  
 Float : 2902289 - Cycle : 13 - PI : M Ravichandran - Data mode : A - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 18017 - Date : 2019 12 17  
 Float : 2902289 - Cycle : 14 - PI : M Ravichandran - Data mode : A - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 18017 - Date : 2019 12 27  
 Float : 2902289 - Cycle : 16 - PI : M Ravichandran - Data mode : A - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 18017 - Date : 2020 1 16  
 Float : 2902289 - Cycle : 17 - PI : M Ravichandran - Data mode : A - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 18017 - Date : 2020 1 26  
 Float : 2902290 - Cycle : 14 - PI : M Ravichandran - Data mode : A - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 18018 - Date : 2019 12 26  
 Float : 2902290 - Cycle : 15 - PI : M Ravichandran - Data mode : A - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 18018 - Date : 2020 1 5  
 Float : 2902290 - Cycle : 16 - PI : M Ravichandran - Data mode : A - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 18018 - Date : 2020 1 15  
 Float : 2902290 - Cycle : 17 - PI : M Ravichandran - Data mode : A - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 18018 - Date : 2020 1 25  
 Float : 2902292 - Cycle : 14 - PI : M Ravichandran - Data mode : A - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 18020 - Date : 2019 12 24  
 Float : 2902292 - Cycle : 16 - PI : M Ravichandran - Data mode : A - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 18020 - Date : 2020 1 13  
 Float : 2902292 - Cycle : 17 - PI : M Ravichandran - Data mode : A - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 18020 - Date : 2020 1 23  
 Float : 2902293 - Cycle : 14 - PI : M Ravichandran - Data mode : A - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 18021 - Date : 2019 12 24  
 Float : 2902293 - Cycle : 15 - PI : M Ravichandran - Data mode : A - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 18021 - Date : 2020 1 3  
 Float : 2902293 - Cycle : 16 - PI : M Ravichandran - Data mode : A - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 18021 - Date : 2020 1 13  
 Float : 2902293 - Cycle : 17 - PI : M Ravichandran - Data mode : A - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 18021 - Date : 2020 1 23

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

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

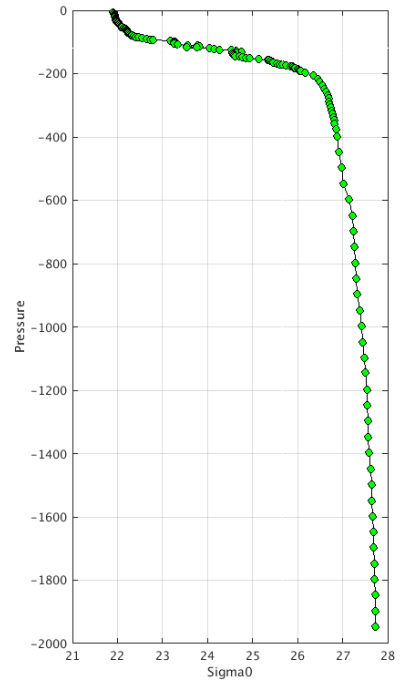
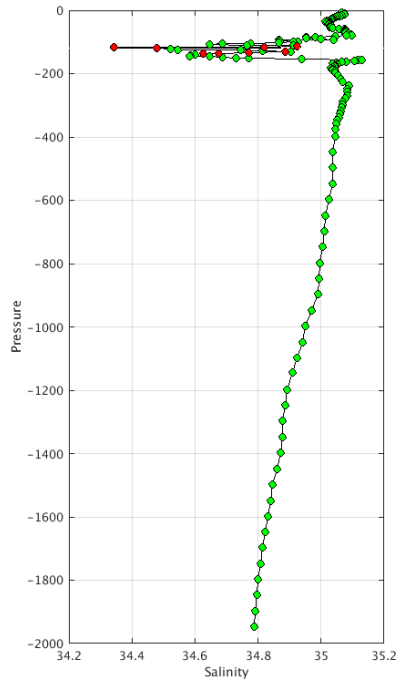
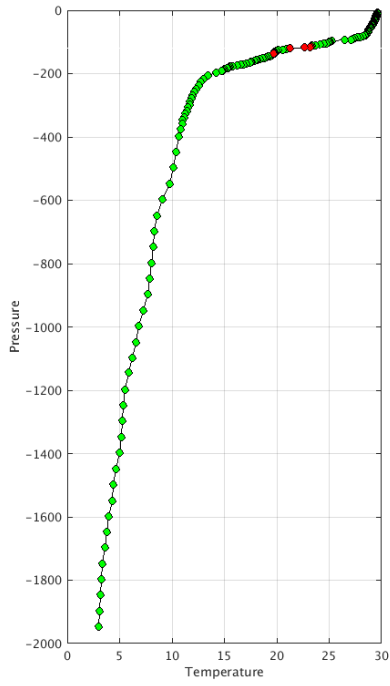
Warning Objective Analysis Anomalies 2020 January TEMP PSAL - DAC IN



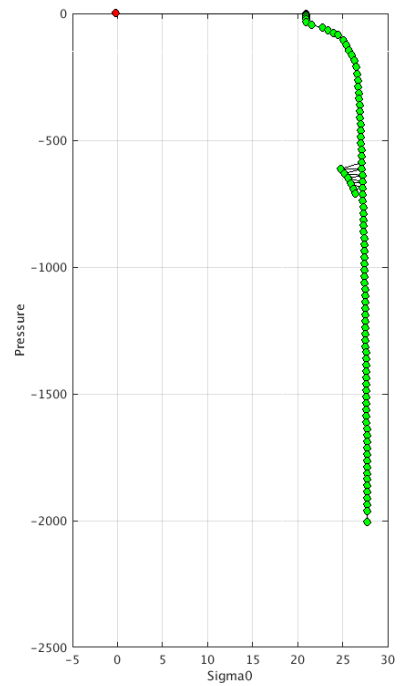
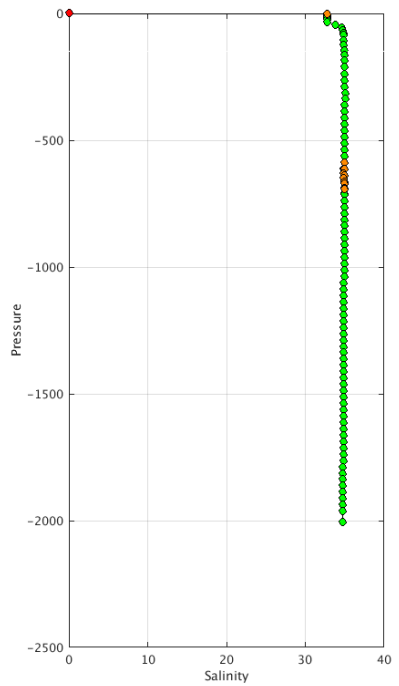
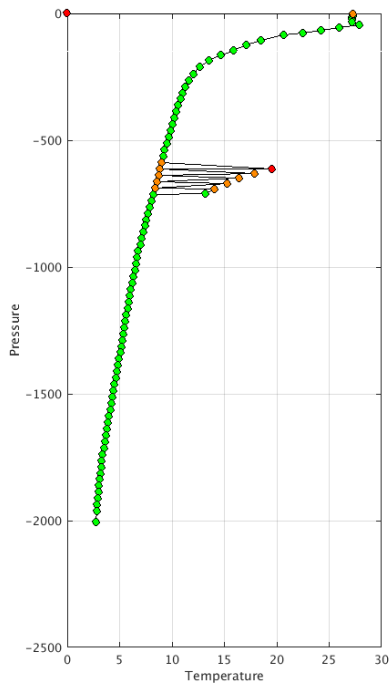
The list of the anomalies can be found at <http://ftp.ifremer.fr/ifremer/argo/etc/ObjectiveAnalysisWarning/incois/>

**Example of anomalies:** Many profiles with values 0 for one point in surface (Temperature and Salinity)

Warning Objective Analysis Anomalies 2020 January TEMP PSAL : DAC IN- Float 2901326 - 169



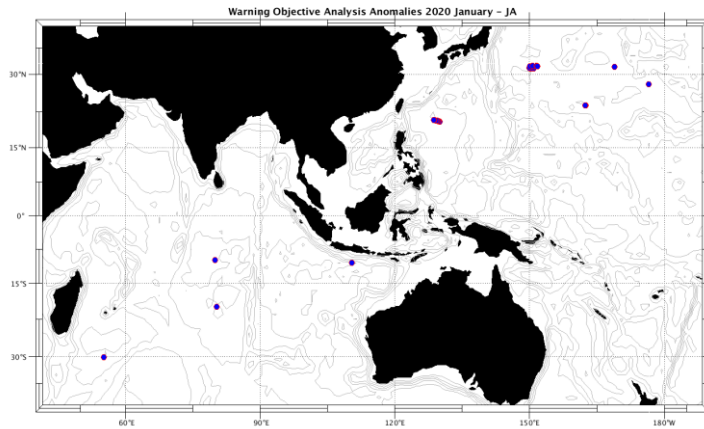
Warning Objective Analysis Anomalies 2020 January TEMP PSAL : DAC IN- Float 2902285 - 303



#### 4.6. DAC JMA/JAMSTEC

Profiles detected by the objective analysis: 39 profiles (13 floats, but floats can have several cycles with anomalies)

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



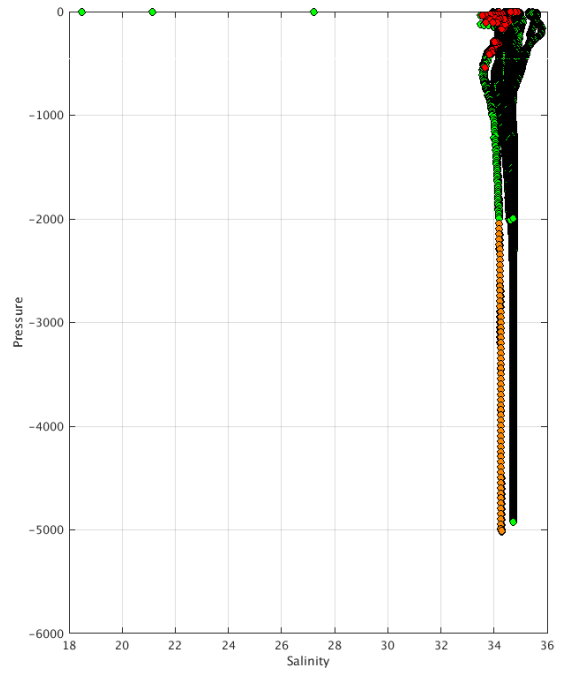
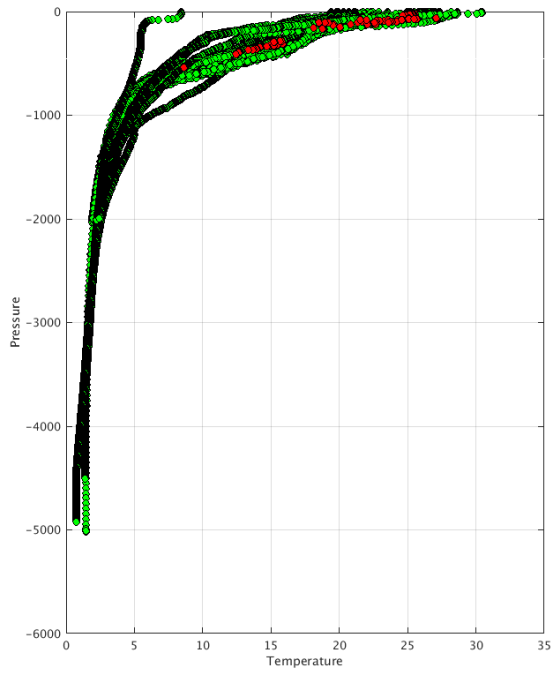
#### Status of corrections: Correction in progress, feedbacks each month

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

Float : 1902333 - Cycle : 7 - PI : JAMSTEC - Data mode : R - Platform type : APEX\_D - WMO inst type : 849 - FLOAT SERIAL : 45 - Date : 2020 1 4  
 Float : 1902335 - Cycle : 2 - PI : JAMSTEC - Data mode : R - Platform type : APEX\_D - WMO inst type : 849 - FLOAT SERIAL : 46 - Date : 2020 1 4  
 Float : 2900993 - Cycle : 39 - PI : JAMSTEC - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 4984 - Date : 2010 12 26  
 Float : 2900993 - Cycle : 72 - PI : JAMSTEC - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 4984 - Date : 2011 10 7  
 Float : 2902435 - Cycle : 147 - PI : JAMSTEC - Data mode : A - Platform type : NEMO - WMO inst type : 860 - FLOAT SERIAL : 193 - Date : 2012 5 9  
 Float : 2902435 - Cycle : 148 - PI : JAMSTEC - Data mode : A - Platform type : NEMO - WMO inst type : 860 - FLOAT SERIAL : 193 - Date : 2012 5 11  
 Float : 2902435 - Cycle : 149 - PI : JAMSTEC - Data mode : A - Platform type : NEMO - WMO inst type : 860 - FLOAT SERIAL : 193 - Date : 2012 5 13  
 Float : 2902435 - Cycle : 150 - PI : JAMSTEC - Data mode : A - Platform type : NEMO - WMO inst type : 860 - FLOAT SERIAL : 193 - Date : 2012 5 15  
 Float : 2902435 - Cycle : 151 - PI : JAMSTEC - Data mode : A - Platform type : NEMO - WMO inst type : 860 - FLOAT SERIAL : 193 - Date : 2012 5 17  
 Float : 2902435 - Cycle : 153 - PI : JAMSTEC - Data mode : A - Platform type : NEMO - WMO inst type : 860 - FLOAT SERIAL : 193 - Date : 2012 6 6  
 Float : 2902435 - Cycle : 154 - PI : JAMSTEC - Data mode : A - Platform type : NEMO - WMO inst type : 860 - FLOAT SERIAL : 193 - Date : 2012 6 16  
 Float : 2902435 - Cycle : 155 - PI : JAMSTEC - Data mode : A - Platform type : NEMO - WMO inst type : 860 - FLOAT SERIAL : 193 - Date : 2012 6 26  
 Float : 2902435 - Cycle : 156 - PI : JAMSTEC - Data mode : A - Platform type : NEMO - WMO inst type : 860 - FLOAT SERIAL : 193 - Date : 2012 6 27  
 Float : 2903165 - Cycle : 208 - PI : JAMSTEC - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 6198 - Date : 2015 9 17  
 Float : 2903191 - Cycle : 140 - PI : JMA - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : AJ1000-17JP001 - Date : 2019 12 19  
 Float : 2903191 - Cycle : 141 - PI : JMA - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : AJ1000-17JP001 - Date : 2019 12 24  
 Float : 2903191 - Cycle : 142 - PI : JMA - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : AJ1000-17JP001 - Date : 2019 12 29  
 Float : 2903191 - Cycle : 143 - PI : JMA - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : AJ1000-17JP001 - Date : 2020 1 3  
 Float : 2903191 - Cycle : 144 - PI : JMA - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : AJ1000-17JP001 - Date : 2020 1 8  
 Float : 2903191 - Cycle : 145 - PI : JMA - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : AJ1000-17JP001 - Date : 2020 1 13  
 Float : 2903191 - Cycle : 146 - PI : JMA - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : AJ1000-17JP001 - Date : 2020 1 18  
 Float : 2903191 - Cycle : 147 - PI : JMA - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : AJ1000-17JP001 - Date : 2020 1 23  
 Float : 2903212 - Cycle : 68 - PI : JAMSTEC - Data mode : R - Platform type : APEX\_D - WMO inst type : 849 - FLOAT SERIAL : 29 - Date : 2019 12 24  
 Float : 2903212 - Cycle : 69 - PI : JAMSTEC - Data mode : R - Platform type : APEX\_D - WMO inst type : 849 - FLOAT SERIAL : 29 - Date : 2020 1 2  
 Float : 2903212 - Cycle : 70 - PI : JAMSTEC - Data mode : R - Platform type : APEX\_D - WMO inst type : 849 - FLOAT SERIAL : 29 - Date : 2020 1 12  
 Float : 2903212 - Cycle : 71 - PI : JAMSTEC - Data mode : R - Platform type : APEX\_D - WMO inst type : 849 - FLOAT SERIAL : 29 - Date : 2020 1 22  
 Float : 2903214 - Cycle : 137 - PI : JMA - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : AJ1000-17JP002 - Date : 2019 12 19  
 Float : 2903214 - Cycle : 138 - PI : JMA - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : AJ1000-17JP002 - Date : 2019 12 24  
 Float : 2903214 - Cycle : 139 - PI : JMA - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : AJ1000-17JP002 - Date : 2019 12 29  
 Float : 2903214 - Cycle : 140 - PI : JMA - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : AJ1000-17JP002 - Date : 2020 1 3  
 Float : 2903214 - Cycle : 141 - PI : JMA - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : AJ1000-17JP002 - Date : 2020 1 8  
 Float : 2903214 - Cycle : 142 - PI : JMA - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : AJ1000-17JP002 - Date : 2020 1 13  
 Float : 2903214 - Cycle : 143 - PI : JMA - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : AJ1000-17JP002 - Date : 2020 1 18  
 Float : 2903214 - Cycle : 144 - PI : JMA - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : AJ1000-17JP002 - Date : 2020 1 23  
 Float : 2903391 - Cycle : 9 - PI : JAMSTEC - Data mode : R - Platform type : APEX\_D - WMO inst type : 849 - FLOAT SERIAL : 44 - Date : 2020 1 4  
 Float : 3902393 - Cycle : 18 - PI : JAMSTEC - Data mode : R - Platform type : APEX\_D - WMO inst type : 849 - FLOAT SERIAL : 32 - Date : 2020 1 20  
 Float : 5905851 - Cycle : 35 - PI : JAMSTEC - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 8419 - Date : 2020 1 18  
 Float : 5905876 - Cycle : 28 - PI : JAMSTEC - Data mode : R - Platform type : APEX\_D - WMO inst type : 849 - FLOAT SERIAL : 48 - Date : 2019 12 20

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

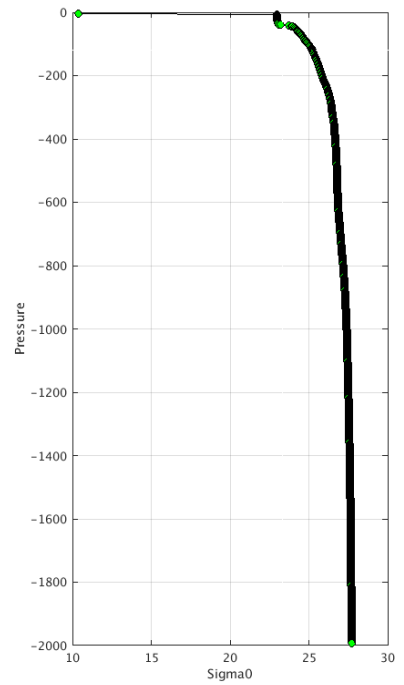
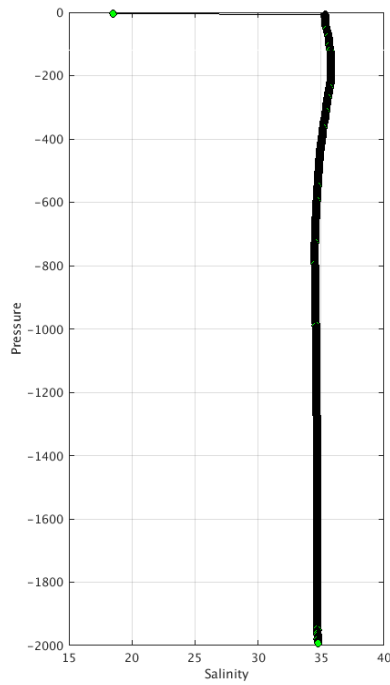
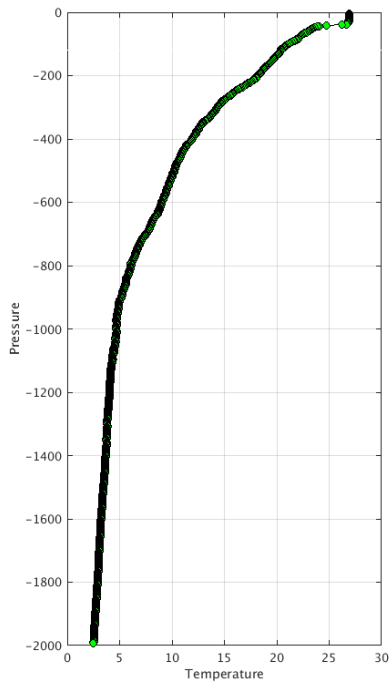
Float : 2902528 - Cycle : 334 - PI : JAMSTEC - Data mode : D - Platform type : NAVIS\_A - WMO inst type : 863 - FLOAT SERIAL : 0395 - Date : 2015 9 18



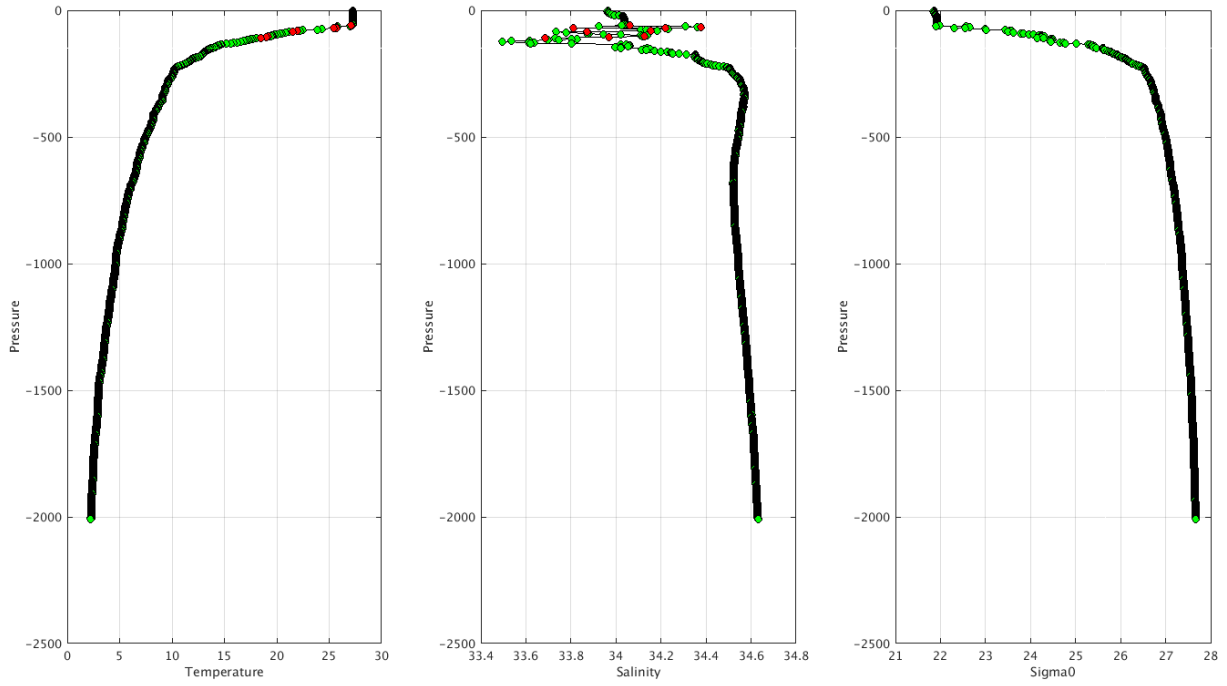
The list of the anomalies can be found at <http://ftp.ifremer.fr/ifremer/argo/etc/ObjectiveAnalysisWarning/ima/>

Example of anomalies:

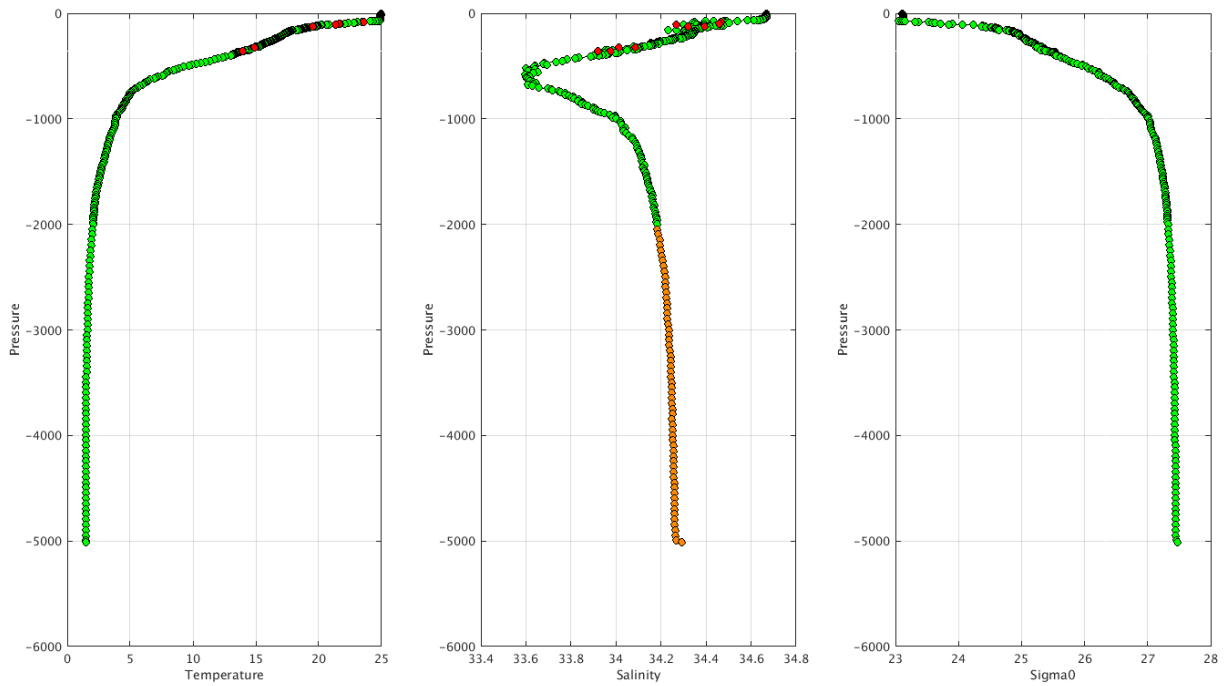
Warning Objective Analysis Anomalies 2020 January TEMP PSAL : DAC JA- Float 1902333 - 7



Warning Objective Analysis Anomalies 2020 January TEMP PSAL : DAC JA- Float 5905851 - 35



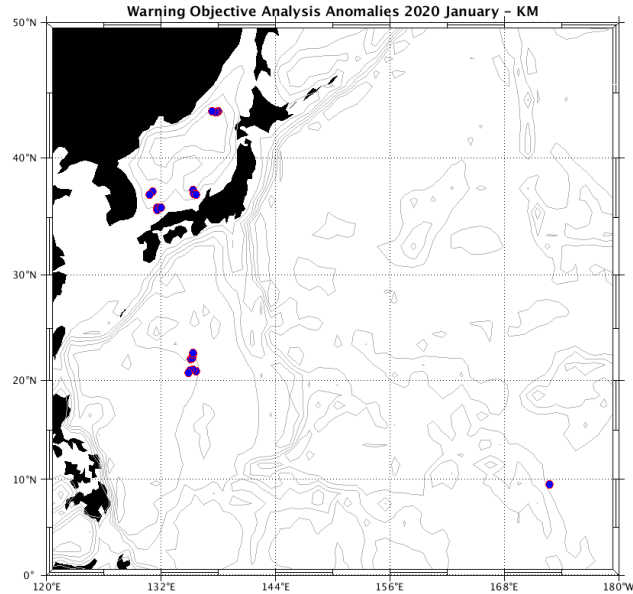
Warning Objective Analysis Anomalies 2020 January TEMP PSAL : DAC JA- Float 2903212 - 69



4.7. DAC KMA

Profiles detected by the objective analysis: 22 profiles (7 floats can have several cycles with anomalies)

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



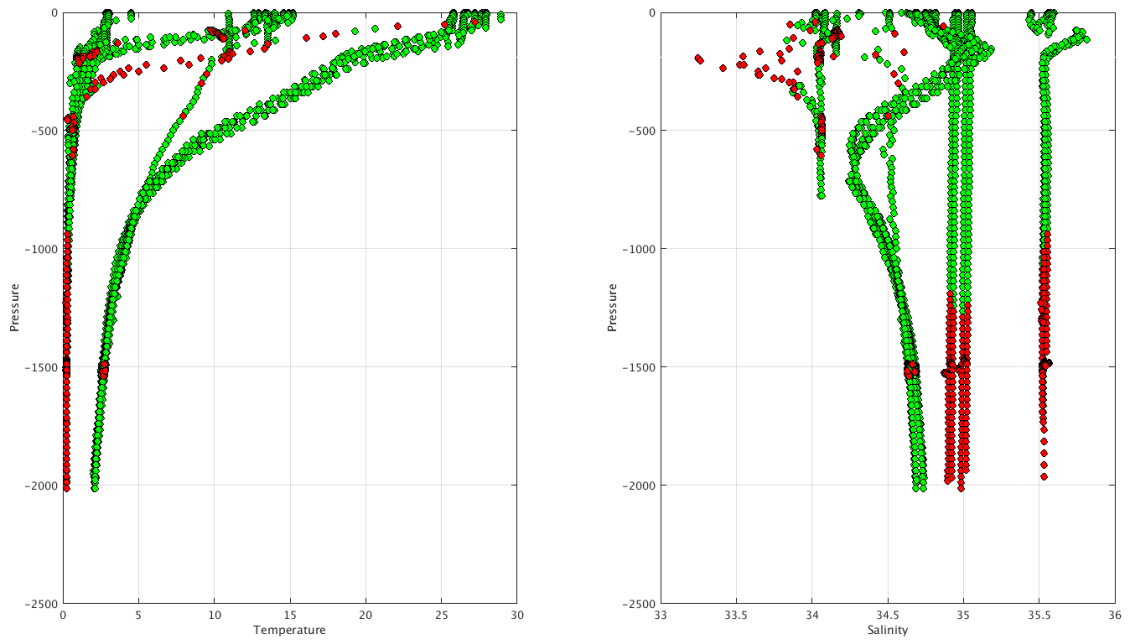
**Status of corrections: Correction not done for all, few feedbacks**

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

Float : 2901758 - Cycle : 112 - PI : Jaeyoung Byon - Data mode : R - Platform type : ARVOR - WMO inst type : 846 - FLOAT SERIAL : n/a - Date : 2019	12	22
Float : 2901758 - Cycle : 113 - PI : Jaeyoung Byon - Data mode : R - Platform type : ARVOR - WMO inst type : 846 - FLOAT SERIAL : n/a - Date : 2020	1	1
Float : 2901758 - Cycle : 114 - PI : Jaeyoung Byon - Data mode : R - Platform type : ARVOR - WMO inst type : 846 - FLOAT SERIAL : n/a - Date : 2020	1	11
Float : 2901758 - Cycle : 115 - PI : Jaeyoung Byon - Data mode : R - Platform type : ARVOR - WMO inst type : 846 - FLOAT SERIAL : n/a - Date : 2020	1	21
Float : 2901759 - Cycle : 124 - PI : Jaeyoung Byon - Data mode : R - Platform type : ARVOR - WMO inst type : 846 - FLOAT SERIAL : n/a - Date : 2019	12	22
Float : 2901759 - Cycle : 125 - PI : Jaeyoung Byon - Data mode : R - Platform type : ARVOR - WMO inst type : 846 - FLOAT SERIAL : n/a - Date : 2020	1	1
Float : 2901759 - Cycle : 126 - PI : Jaeyoung Byon - Data mode : R - Platform type : ARVOR - WMO inst type : 846 - FLOAT SERIAL : n/a - Date : 2020	1	11
Float : 2901759 - Cycle : 127 - PI : Jaeyoung Byon - Data mode : R - Platform type : ARVOR - WMO inst type : 846 - FLOAT SERIAL : n/a - Date : 2020	1	21
Float : 2901760 - Cycle : 124 - PI : Jaeyoung Byon - Data mode : R - Platform type : ARVOR - WMO inst type : 846 - FLOAT SERIAL : n/a - Date : 2019	12	23
Float : 2901760 - Cycle : 125 - PI : Jaeyoung Byon - Data mode : R - Platform type : ARVOR - WMO inst type : 846 - FLOAT SERIAL : n/a - Date : 2020	1	2
Float : 2901760 - Cycle : 126 - PI : Jaeyoung Byon - Data mode : R - Platform type : ARVOR - WMO inst type : 846 - FLOAT SERIAL : n/a - Date : 2020	1	12
Float : 2901760 - Cycle : 127 - PI : Jaeyoung Byon - Data mode : R - Platform type : ARVOR - WMO inst type : 846 - FLOAT SERIAL : n/a - Date : 2020	1	22
Float : 2901765 - Cycle : 124 - PI : Jaeyoung Byon - Data mode : R - Platform type : ARVOR - WMO inst type : 846 - FLOAT SERIAL : n/a - Date : 2019	12	24
Float : 2901765 - Cycle : 125 - PI : Jaeyoung Byon - Data mode : R - Platform type : ARVOR - WMO inst type : 846 - FLOAT SERIAL : n/a - Date : 2020	1	3
Float : 2901765 - Cycle : 126 - PI : Jaeyoung Byon - Data mode : R - Platform type : ARVOR - WMO inst type : 846 - FLOAT SERIAL : n/a - Date : 2020	1	13
Float : 2901765 - Cycle : 127 - PI : Jaeyoung Byon - Data mode : R - Platform type : ARVOR - WMO inst type : 846 - FLOAT SERIAL : n/a - Date : 2020	1	23
Float : 2901784 - Cycle : 77 - PI : KiRyong Kang - Data mode : R - Platform type : ARVOR - WMO inst type : 846 - FLOAT SERIAL : n/a - Date : 2020	1	2
Float : 2901784 - Cycle : 78 - PI : KiRyong Kang - Data mode : R - Platform type : ARVOR - WMO inst type : 846 - FLOAT SERIAL : n/a - Date : 2020	1	9
Float : 2901784 - Cycle : 79 - PI : KiRyong Kang - Data mode : R - Platform type : ARVOR - WMO inst type : 846 - FLOAT SERIAL : n/a - Date : 2020	1	16

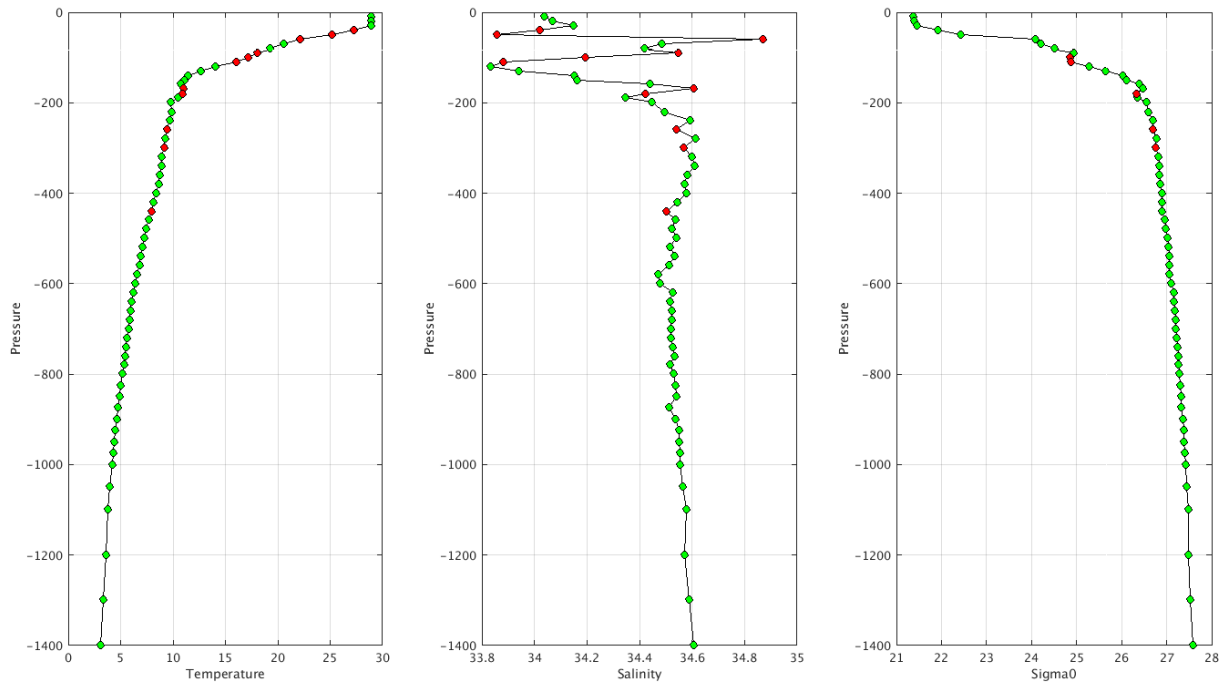
Files data\_mode='D'

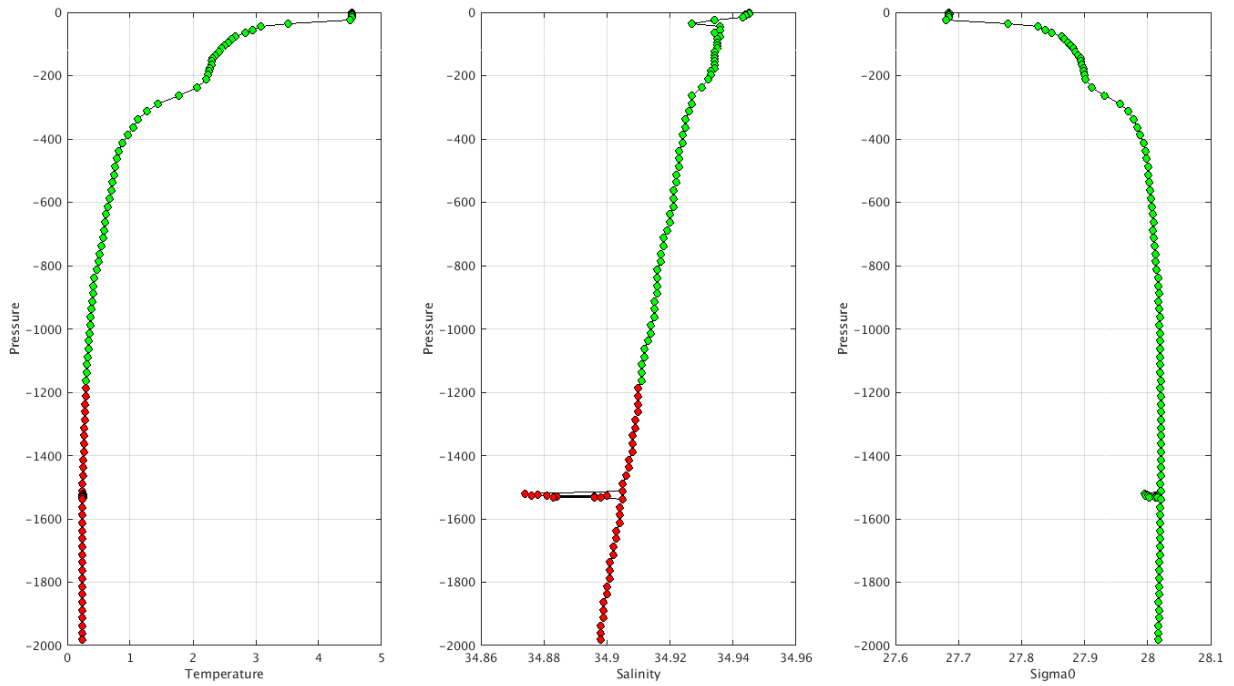
Float : 2901225 - Cycle : 221 - PI : Sang-Beum Ryu - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : - Date : 2015	11	25
Float : 2901704 - Cycle : 74 - PI : Young-Hwa Kim - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : - Date : 2015	1	1
Float : 2901704 - Cycle : 81 - PI : Young-Hwa Kim - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : - Date : 2015	2	19



The list of the anomalies can be found at <ftp://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

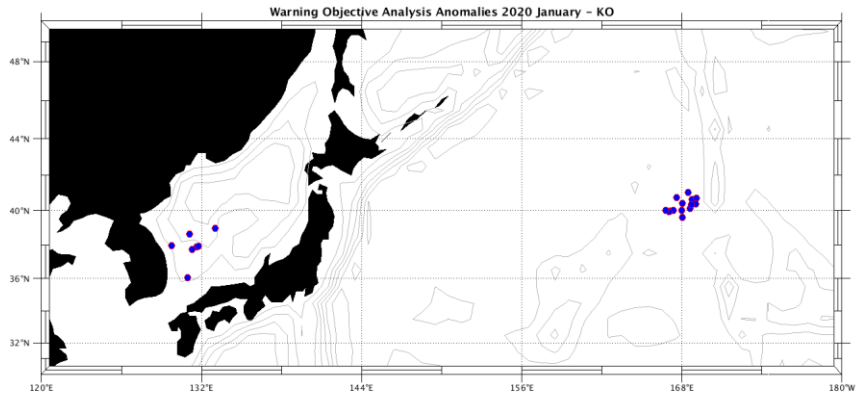
D2900171_002.nc	D2900171_010.nc	D2900171_018.nc	D2900171_028.nc	D2900171_036.nc	D2900171_044.nc	D2900171_052.nc	D2900171_060.nc	D2900171_068.nc
D2900171_003.nc	D2900171_011.nc	D2900171_019.nc	D2900171_029.nc	D2900171_037.nc	D2900171_045.nc	D2900171_053.nc	D2900171_061.nc	D2900171_069.nc
D2900171_004.nc	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: 21 profile (6 floats – float can have several cycles with anomalies)

Data_mode ='R'	Data_mode ='A'	Data_mode ='D'
0 cycle	14 cycles	7 cycles



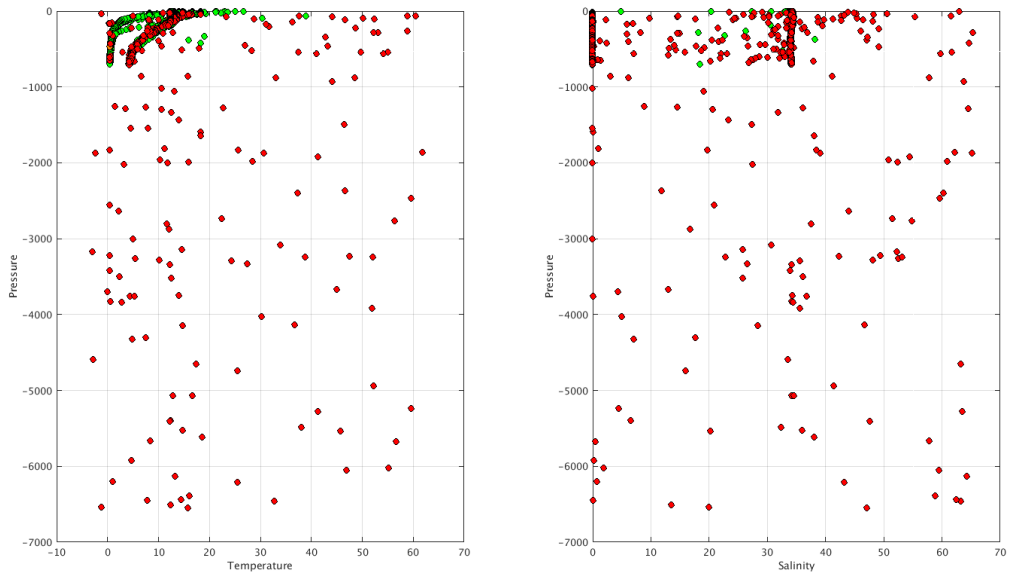
**Status of corrections: Correction done or in progress, feedbacks.**

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

Float : 2900784 - Cycle : 318 - PI : Moon-Sik Suk - Data mode : A - INST REF : APEX-SBE 2487 - Date : 2015 2 28  
 Float : 2900784 - Cycle : 327 - PI : Moon-Sik Suk - Data mode : A - INST REF : APEX-SBE 2487 - Date : 2015 5 29  
 Float : 2900784 - Cycle : 339 - PI : Moon-Sik Suk - Data mode : A - INST REF : APEX-SBE 2487 - Date : 2015 9 26  
 Float : 2900784 - Cycle : 340 - PI : Moon-Sik Suk - Data mode : A - INST REF : APEX-SBE 2487 - Date : 2015 10 6  
 Float : 2900784 - Cycle : 341 - PI : Moon-Sik Suk - Data mode : A - INST REF : APEX-SBE 2487 - Date : 2015 10 16  
 Float : 2900784 - Cycle : 343 - PI : Moon-Sik Suk - Data mode : A - INST REF : APEX-SBE 2487 - Date : 2015 11 5  
 Float : 2900784 - Cycle : 344 - PI : Moon-Sik Suk - Data mode : A - INST REF : APEX-SBE 2487 - Date : 2015 11 15  
 Float : 2900784 - Cycle : 345 - PI : Moon-Sik Suk - Data mode : A - INST REF : APEX-SBE 2487 - Date : 2015 11 25  
 Float : 2900784 - Cycle : 346 - PI : Moon-Sik Suk - Data mode : A - INST REF : APEX-SBE 2487 - Date : 2015 12 6  
 Float : 2900784 - Cycle : 347 - PI : Moon-Sik Suk - Data mode : A - INST REF : APEX-SBE 2487 - Date : 2015 12 15  
 Float : 2900784 - Cycle : 348 - PI : Moon-Sik Suk - Data mode : A - INST REF : APEX-SBE 2487 - Date : 2015 12 25  
 Float : 2900784 - Cycle : 349 - PI : Moon-Sik Suk - Data mode : A - INST REF : APEX-SBE 2487 - Date : 2016 1 4  
 Float : 2900784 - Cycle : 350 - PI : Moon-Sik Suk - Data mode : A - INST REF : APEX-SBE 2487 - Date : 2016 1 14  
 Float : 2900784 - Cycle : 355 - PI : Moon-Sik Suk - Data mode : A - INST REF : APEX-SBE 2487 - Date : 2016 3 4

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

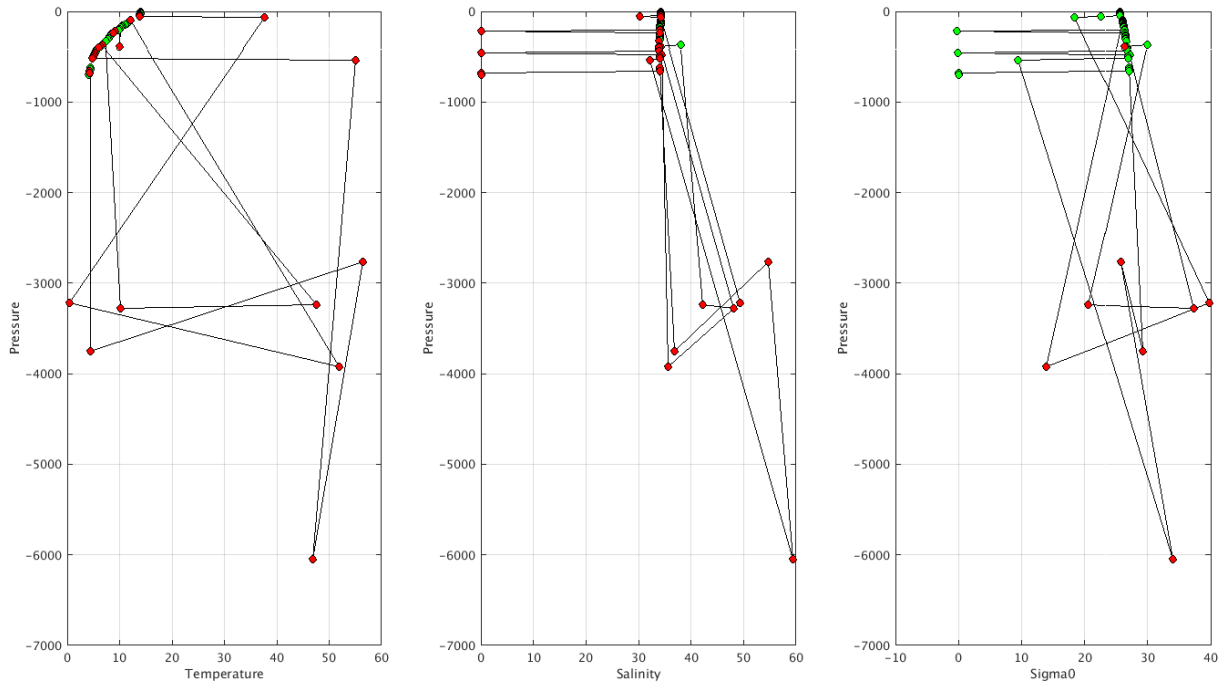
Float : 2900604 - Cycle : 66 - PI : Moon-Sik Suk - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 2433 - Date : 2007 9 10  
 Float : 2900605 - Cycle : 37 - PI : Moon-Sik Suk - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 2434 - Date : 2006 11 24  
 Float : 2900608 - Cycle : 28 - PI : Moon-Sik Suk - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 2437 - Date : 2006 8 25  
 Float : 2900608 - Cycle : 59 - PI : Moon-Sik Suk - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 2437 - Date : 2007 7 1  
 Float : 2900608 - Cycle : 61 - PI : Moon-Sik Suk - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 2437 - Date : 2007 7 21  
 Float : 2900609 - Cycle : 27 - PI : Moon-Sik Suk - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 2018 - Date : 2006 8 15  
 Float : 2900610 - Cycle : 40 - PI : Moon-Sik Suk - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 1914 - Date : 2006 12 23



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

Example of anomalies:

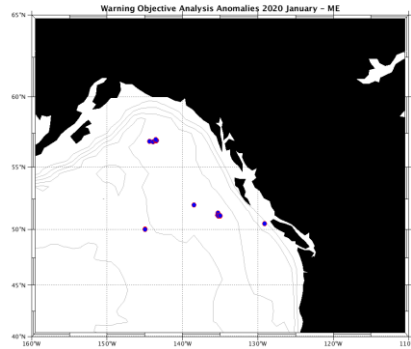
Warning Objective Analysis Anomalies 2020 January TEMP PSAL : DAC KO - Float 2900784 - 327



#### 4.9. DAC MEDS

Profiles detected by the objective analysis: 15 profiles (6 floats, but floats can have several cycles with anomalies)

Data_mode ='R'	Data_mode ='A'	Data_mode ='D'
4 cycles	11 cycles	0 cycle

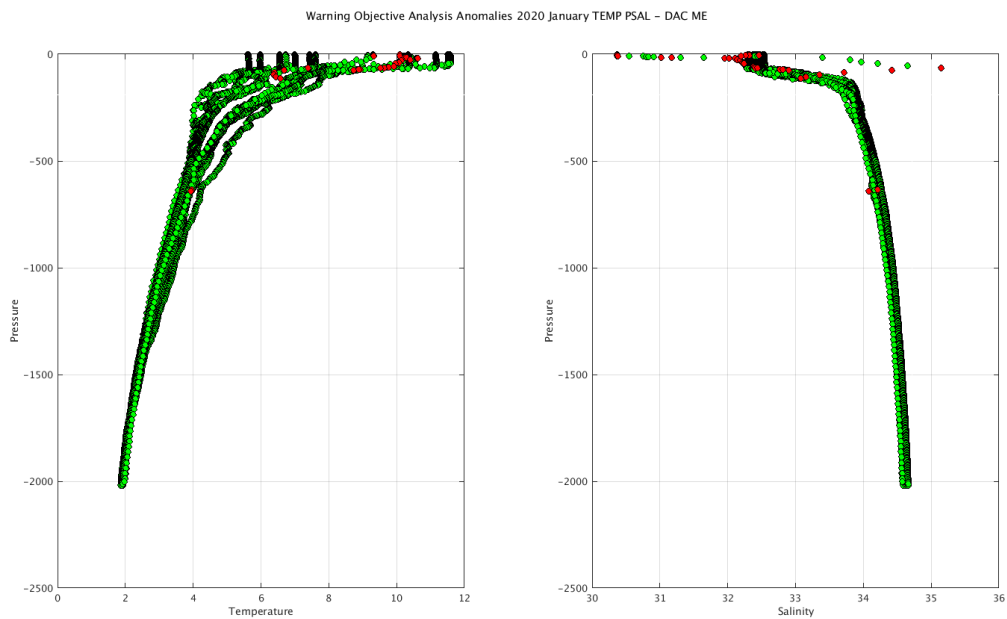


**Status of corrections:** Correction done or in progress, few feedbacks

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

Float : 4901769 - Cycle : 37 - PI : Blair Greenan - Data mode : R - Platform type : NOVA - WMO inst type : 865 - FLOAT SERIAL : 126 - Date : 2015 2 27  
 Float : 4901818 - Cycle : 121 - PI : Blair Greenan - Data mode : A - Platform type : NOVA - WMO inst type : 865 - FLOAT SERIAL : 324 - Date : 2019 10 26  
 Float : 4901818 - Cycle : 122 - PI : Blair Greenan - Data mode : A - Platform type : NOVA - WMO inst type : 865 - FLOAT SERIAL : 324 - Date : 2019 11 5  
 Float : 4901818 - Cycle : 123 - PI : Blair Greenan - Data mode : A - Platform type : NOVA - WMO inst type : 865 - FLOAT SERIAL : 324 - Date : 2019 11 15  
 Float : 4901818 - Cycle : 124 - PI : Blair Greenan - Data mode : A - Platform type : NOVA - WMO inst type : 865 - FLOAT SERIAL : 324 - Date : 2019 11 25  
 Float : 4901818 - Cycle : 125 - PI : Blair Greenan - Data mode : A - Platform type : NOVA - WMO inst type : 865 - FLOAT SERIAL : 324 - Date : 2019 12 5  
 Float : 4902445 - Cycle : 1 - PI : Blair Greenan - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 260018CA08 - Date : 2018 6 16  
 Float : 4902446 - Cycle : 1 - PI : Blair Greenan - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 260018CA09 - Date : 2019 2 14  
 Float : 4902465 - Cycle : 51 - PI : Blair Greenan - Data mode : A - Platform type : NOVA - WMO inst type : 865 - FLOAT SERIAL : 601 - Date : 2019 12 3  
 Float : 4902465 - Cycle : 52 - PI : Blair Greenan - Data mode : A - Platform type : NOVA - WMO inst type : 865 - FLOAT SERIAL : 601 - Date : 2019 12 13  
 Float : 4902465 - Cycle : 53 - PI : Blair Greenan - Data mode : A - Platform type : NOVA - WMO inst type : 865 - FLOAT SERIAL : 601 - Date : 2019 12 23  
 Float : 4902465 - Cycle : 54 - PI : Blair Greenan - Data mode : A - Platform type : NOVA - WMO inst type : 865 - FLOAT SERIAL : 601 - Date : 2020 1 2  
 Float : 4902465 - Cycle : 55 - PI : Blair Greenan - Data mode : A - Platform type : NOVA - WMO inst type : 865 - FLOAT SERIAL : 601 - Date : 2020 1 12  
 Float : 4902465 - Cycle : 56 - PI : Blair Greenan - Data mode : A - Platform type : NOVA - WMO inst type : 865 - FLOAT SERIAL : 601 - Date : 2020 1 22  
 Float : 4902491 - Cycle : 18 - PI : Blair Greenan - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 260019CA20 - Date : 2019 12 25

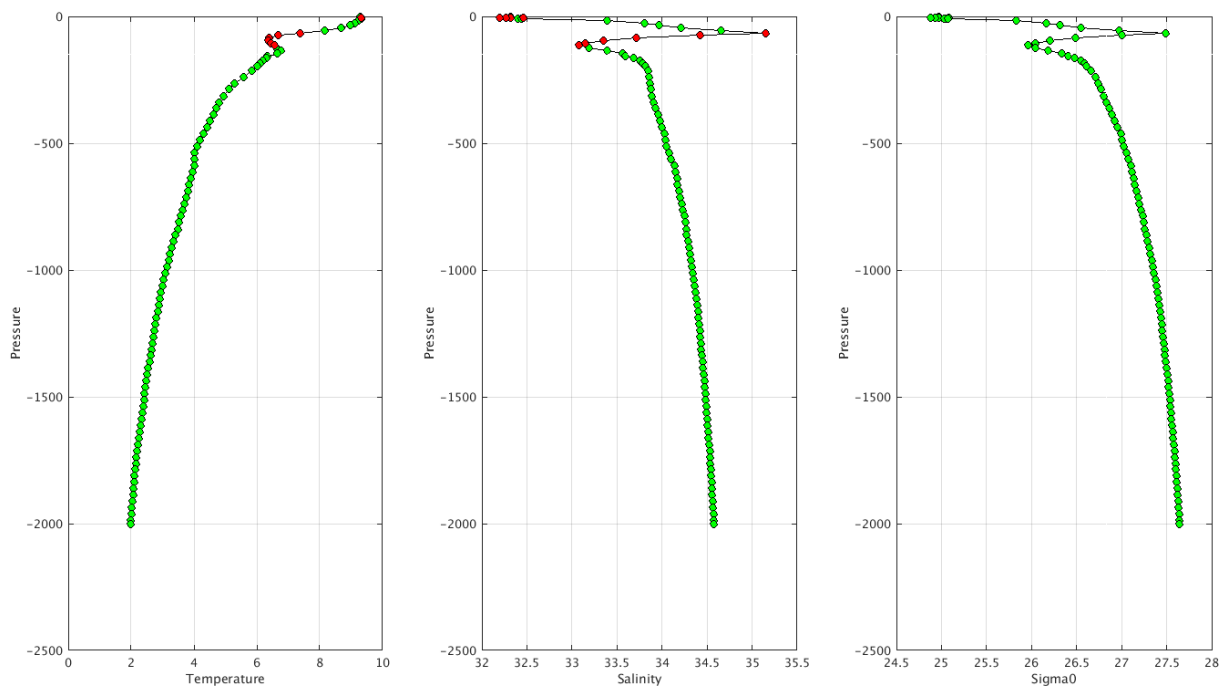
##### Files data\_mode='D'



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

Example of anomalies:

Warning Objective Analysis Anomalies 2020 January TEMP PSAL : DAC ME- Float 4902491 - 18





## 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 **4900433**, **4903243** that should be updated

DAC name : aoml – Number of floats : 7391

1900167 - Existing NetCDF files

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

3900148 - Existing NetCDF files

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

1900168 - Existing NetCDF files

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

3900160 - Existing NetCDF files

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

1900189 - Existing NetCDF files

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

41534 - Existing NetCDF files

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

1900244 - Existing NetCDF files

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

4900228 - Existing NetCDF files

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

1900245 - Existing NetCDF files

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

4900229 - Existing NetCDF files

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

1900255 - Existing NetCDF files

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

4900230 - Existing NetCDF files

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

1900257 - Existing NetCDF files

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

4900268 - Existing NetCDF files

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

1900748 - Existing NetCDF files

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

4900269 - Existing NetCDF files

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

1900831 - Existing NetCDF files

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

4900270 - Existing NetCDF files

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

1901658 - Existing NetCDF files

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

4900271 - Existing NetCDF files

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

2901106 - Existing NetCDF files

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

4900272 - Existing NetCDF files

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

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

4900287 - Existing NetCDF files  
File : 4900287\_Rtraj.nc - 4900287\_meta.nc - 4900287\_tech.nc -

4900358 - Existing NetCDF files  
File : 4900358\_meta.nc - 4900358\_prof.nc -

4900361 - Existing NetCDF files  
File : 4900361\_meta.nc - 4900361\_prof.nc -

4900366 - Existing NetCDF files  
File : 4900366\_meta.nc - 4900366\_prof.nc -

4900367 - Existing NetCDF files  
File : 4900367\_meta.nc - 4900367\_prof.nc -

4900382 - Existing NetCDF files  
File : 4900382\_meta.nc - 4900382\_prof.nc -

4900383 - Existing NetCDF files  
File : 4900383\_meta.nc - 4900383\_prof.nc -

4900385 - Existing NetCDF files  
File : 4900385\_meta.nc - 4900385\_prof.nc -

4900426 - Existing NetCDF files  
File : 4900426\_meta.nc - 4900426\_prof.nc -

4900427 - Existing NetCDF files  
File : 4900427\_meta.nc - 4900427\_prof.nc -

4900428 - Existing NetCDF files  
File : 4900428\_meta.nc - 4900428\_prof.nc -

4900433 - Existing NetCDF files  
File : 4900433\_Rtraj.nc - 4900433\_meta.nc - 4900433\_tech.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 monoprofile, no trajectory)

**MAINLY TRAJECTORY FILE MISSING**

See below the list of floats with existing nc files :

**DAC name : bodc – Number of floats : 728**

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

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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  
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1901887 - Existing NetCDF files  
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1901888 - Existing NetCDF files  
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1901894 - Existing NetCDF files  
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1901896 - Existing NetCDF files  
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1901897 - Existing NetCDF files  
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1901898 - Existing NetCDF files  
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1901899 - Existing NetCDF files  
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1901900 - Existing NetCDF files  
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1901901 - Existing NetCDF files  
File : 1901901\_meta.nc - 1901901\_prof.nc - 1901901\_tech.nc -  
1901902 - Existing NetCDF files  
File : 1901902\_meta.nc - 1901902\_prof.nc - 1901902\_tech.nc -  
1901903 - Existing NetCDF files  
File : 1901903\_meta.nc - 1901903\_prof.nc - 1901903\_tech.nc -  
1901904 - Existing NetCDF files  
File : 1901904\_meta.nc - 1901904\_prof.nc - 1901904\_tech.nc -  
1901906 - Existing NetCDF files  
File : 1901906\_meta.nc - 1901906\_prof.nc - 1901906\_tech.nc -  
1901907 - Existing NetCDF files  
File : 1901907\_meta.nc - 1901907\_prof.nc - 1901907\_tech.nc -  
1901909 - Existing NetCDF files  
File : 1901909\_meta.nc - 1901909\_prof.nc - 1901909\_tech.nc -  
1901910 - Existing NetCDF files  
File : 1901910\_meta.nc - 1901910\_prof.nc - 1901910\_tech.nc -  
1901911 - Existing NetCDF files  
File : 1901911\_meta.nc - 1901911\_prof.nc - 1901911\_tech.nc -  
1901912 - Existing NetCDF files  
File : 1901912\_meta.nc - 1901912\_prof.nc - 1901912\_tech.nc -  
1901914 - Existing NetCDF files  
File : 1901914\_meta.nc - 1901914\_prof.nc - 1901914\_tech.nc -

1901915 - Existing NetCDF files  
File : 1901915\_meta.nc - 1901915\_prof.nc - 1901915\_tech.nc -  
1901916 - Existing NetCDF files  
File : 1901916\_meta.nc - 1901916\_prof.nc - 1901916\_tech.nc -  
1901917 - Existing NetCDF files  
File : 1901917\_meta.nc - 1901917\_prof.nc - 1901917\_tech.nc -  
1902079 - Existing NetCDF files  
File : 1902079\_meta.nc - 1902079\_prof.nc - 1902079\_tech.nc -  
1902080 - Existing NetCDF files  
File : 1902080\_meta.nc - 1902080\_prof.nc - 1902080\_tech.nc -  
2901892 - Existing NetCDF files  
File : 2901892\_meta.nc - 2901892\_prof.nc - 2901892\_tech.nc -  
2901893 - Existing NetCDF files  
File : 2901893\_meta.nc - 2901893\_prof.nc - 2901893\_tech.nc -  
2901894 - Existing NetCDF files  
File : 2901894\_meta.nc - 2901894\_prof.nc - 2901894\_tech.nc -  
2901895 - Existing NetCDF files  
File : 2901895\_meta.nc - 2901895\_prof.nc - 2901895\_tech.nc -  
2901896 - Existing NetCDF files  
File : 2901896\_meta.nc - 2901896\_prof.nc - 2901896\_tech.nc -  
2901897 - Existing NetCDF files  
File : 2901897\_meta.nc - 2901897\_prof.nc - 2901897\_tech.nc -  
2901898 - Existing NetCDF files  
File : 2901898\_meta.nc - 2901898\_prof.nc - 2901898\_tech.nc -  
2901899 - Existing NetCDF files  
File : 2901899\_meta.nc - 2901899\_prof.nc - 2901899\_tech.nc -  
2901900 - Existing NetCDF files  
File : 2901900\_meta.nc - 2901900\_prof.nc - 2901900\_tech.nc -  
2901902 - Existing NetCDF files  
File : 2901902\_meta.nc - 2901902\_prof.nc - 2901902\_tech.nc -  
2901903 - Existing NetCDF files  
File : 2901903\_meta.nc - 2901903\_prof.nc - 2901903\_tech.nc -  
2901904 - Existing NetCDF files  
File : 2901904\_meta.nc - 2901904\_prof.nc - 2901904\_tech.nc -  
2901905 - Existing NetCDF files  
File : 2901905\_meta.nc - 2901905\_prof.nc - 2901905\_tech.nc -  
3900538 - Existing NetCDF files  
File : 3900538\_meta.nc - 3900538\_prof.nc - 3900538\_tech.nc -  
3900559 - Existing NetCDF files  
File : 3900559\_meta.nc - 3900559\_prof.nc - 3900559\_tech.nc -  
3900560 - Existing NetCDF files  
File : 3900560\_meta.nc - 3900560\_prof.nc - 3900560\_tech.nc -  
3901488 - Existing NetCDF files  
File : 3901488\_meta.nc - 3901488\_prof.nc - 3901488\_tech.nc -



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

3901539 - Existing NetCDF files  
File : 3901539\_meta.nc - 3901539\_prof.nc - 3901539\_tech.nc -

3901546 - Existing NetCDF files  
File : 3901546\_meta.nc - 3901546\_prof.nc - 3901546\_tech.nc -

3901547 - Existing NetCDF files  
File : 3901547\_meta.nc - 3901547\_prof.nc - 3901547\_tech.nc -

3901548 - Existing NetCDF files  
File : 3901548\_meta.nc - 3901548\_prof.nc - 3901548\_tech.nc -

3901549 - Existing NetCDF files  
File : 3901549\_meta.nc - 3901549\_prof.nc - 3901549\_tech.nc -

3901550 - Existing NetCDF files  
File : 3901550\_meta.nc - 3901550\_prof.nc - 3901550\_tech.nc -

3901551 - Existing NetCDF files  
File : 3901551\_meta.nc - 3901551\_prof.nc - 3901551\_tech.nc -

3902398 - Existing NetCDF files  
File : 3902398\_meta.nc - 3902398\_prof.nc - 3902398\_tech.nc -

3902399 - Existing NetCDF files  
File : 3902399\_meta.nc - 3902399\_prof.nc - 3902399\_tech.nc -

3902400 - Existing NetCDF files  
File : 3902400\_meta.nc - 3902400\_prof.nc - 3902400\_tech.nc -

3902402 - Existing NetCDF files  
File : 3902402\_meta.nc - 3902402\_prof.nc - 3902402\_tech.nc -

3902403 - Existing NetCDF files  
File : 3902403\_meta.nc - 3902403\_prof.nc - 3902403\_tech.nc -

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  
File : 6901156\_meta.nc - 6901156\_prof.nc - 6901156\_tech.nc -

6901157 - Existing NetCDF files  
File : 6901157\_meta.nc - 6901157\_prof.nc - 6901157\_tech.nc -

6901158 - Existing NetCDF files  
File : 6901158\_meta.nc - 6901158\_prof.nc - 6901158\_tech.nc -

6901159 - Existing NetCDF files  
File : 6901159\_meta.nc - 6901159\_prof.nc - 6901159\_tech.nc -

6901160 - Existing NetCDF files  
File : 6901160\_meta.nc - 6901160\_prof.nc - 6901160\_tech.nc -

6901161 - Existing NetCDF files  
File : 6901161\_meta.nc - 6901161\_prof.nc - 6901161\_tech.nc -

6901162 - Existing NetCDF files  
File : 6901162\_meta.nc - 6901162\_prof.nc - 6901162\_tech.nc -

6901163 - Existing NetCDF files  
File : 6901163\_meta.nc - 6901163\_prof.nc - 6901163\_tech.nc -

6901164 - Existing NetCDF files  
File : 6901164\_meta.nc - 6901164\_prof.nc - 6901164\_tech.nc -

6901165 - Existing NetCDF files  
File : 6901165\_meta.nc - 6901165\_prof.nc - 6901165\_tech.nc -

6901166 - Existing NetCDF files  
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6901167 - Existing NetCDF files  
File : 6901167\_meta.nc - 6901167\_prof.nc - 6901167\_tech.nc -

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

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

6901171 - Existing NetCDF files  
File : 6901171\_meta.nc - 6901171\_prof.nc - 6901171\_tech.nc -

6901172 - Existing NetCDF files  
File : 6901172\_meta.nc - 6901172\_prof.nc - 6901172\_tech.nc -

6901173 - Existing NetCDF files  
File : 6901173\_meta.nc - 6901173\_prof.nc - 6901173\_tech.nc -

6901176 - Existing NetCDF files  
File : 6901176\_meta.nc - 6901176\_prof.nc - 6901176\_tech.nc -

6901177 - Existing NetCDF files  
File : 6901177\_meta.nc - 6901177\_prof.nc - 6901177\_tech.nc -

6901178 - Existing NetCDF files  
File : 6901178\_meta.nc - 6901178\_prof.nc - 6901178\_tech.nc -

6901179 - Existing NetCDF files  
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6901188 - Existing NetCDF files  
File : 6901188\_meta.nc - 6901188\_prof.nc - 6901188\_tech.nc -

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

6901190 - Existing NetCDF files  
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6901192 - Existing NetCDF files  
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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

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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

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6901201 - Existing NetCDF files

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6901202 - Existing NetCDF files

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6901205 - Existing NetCDF files

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6901206 - Existing NetCDF files

File : 6901206\_meta.nc - 6901206\_prof.nc - 6901206\_tech.nc -

6901207 - Existing NetCDF files

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6901208 - Existing NetCDF files

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6901211 - Existing NetCDF files

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6901212 - Existing NetCDF files

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6901213 - Existing NetCDF files

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6901919 - Existing NetCDF files

File : 6901919\_meta.nc - 6901919\_prof.nc - 6901919\_tech.nc -

6901920 - Existing NetCDF files

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6901921 - Existing NetCDF files

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6901922 - Existing NetCDF files

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6901923 - Existing NetCDF files

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6901924 - Existing NetCDF files

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6901925 - Existing NetCDF files

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6901926 - Existing NetCDF files

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6901927 - Existing NetCDF files

File : 6901927\_meta.nc - 6901927\_prof.nc - 6901927\_tech.nc -

6901928 - Existing NetCDF files

File : 6901928\_meta.nc - 6901928\_prof.nc - 6901928\_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 : 2978**

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 -

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 : 436

2901498 - Existing NetCDF files  
File : 2901498\_Rtraj.nc - 2901498\_meta.nc - 2901498\_tech.nc -

2901505 - Existing NetCDF files  
File : 2901505\_Rtraj.nc - 2901505\_meta.nc - 2901505\_tech.nc -

2902670 - Existing NetCDF files  
File : 2902670\_Rtraj.nc - 2902670\_meta.nc - 2902670\_prof.nc -

2902671 - Existing NetCDF files  
File : 2902671\_Rtraj.nc - 2902671\_meta.nc - 2902671\_prof.nc -

2902672 - Existing NetCDF files  
File : 2902672\_meta.nc - 2902672\_prof.nc -

2902673 - Existing NetCDF files  
File : 2902673\_Rtraj.nc - 2902673\_meta.nc - 2902673\_prof.nc -

2902674 - Existing NetCDF files  
File : 2902674\_Rtraj.nc - 2902674\_meta.nc - 2902674\_prof.nc -

2902677 - Existing NetCDF files  
File : 2902677\_Rtraj.nc - 2902677\_meta.nc - 2902677\_prof.nc -

2902679 - Existing NetCDF files  
File : 2902679\_Rtraj.nc - 2902679\_meta.nc - 2902679\_prof.nc

2902794 - Existing NetCDF files  
File : 2902794\_Rtraj.nc - 2902794\_meta.nc - 2902794\_tech.nc

## 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 : 920**

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 -

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 -

7900682 - Existing NetCDF files  
File : 7900682\_meta.nc - 7900682\_prof.nc -

7900891 - Existing NetCDF files

File : 7900891\_meta.nc - 7900891\_prof.nc - 7900891\_tech.nc -

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

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

## 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 : 482

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

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

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

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

2902229 - Existing NetCDF files  
File : 2902229\_meta.nc - 2902229\_prof.nc - 2902229\_tech.nc -

2902230 - Existing NetCDF files  
File : 2902230\_meta.nc - 2902230\_prof.nc - 2902230\_tech.nc -

2902231 - Existing NetCDF files  
File : 2902231\_meta.nc - 2902231\_prof.nc - 2902231\_tech.nc -

2902232 - Existing NetCDF files  
File : 2902232\_meta.nc - 2902232\_prof.nc - 2902232\_tech.nc -

2902233 - Existing NetCDF files  
File : 2902233\_meta.nc - 2902233\_prof.nc - 2902233\_tech.nc -

2902234 - Existing NetCDF files  
File : 2902234\_meta.nc - 2902234\_prof.nc - 2902234\_tech.nc -

2902235 - Existing NetCDF files  
File : 2902235\_meta.nc - 2902235\_prof.nc - 2902235\_tech.nc -

2902236 - Existing NetCDF files  
File : 2902236\_meta.nc - 2902236\_prof.nc - 2902236\_tech.nc -

2902246 - Existing NetCDF files  
File : 2902246\_meta.nc - 2902246\_prof.nc - 2902246\_tech.nc -

2902248 - Existing NetCDF files  
File : 2902248\_meta.nc - 2902248\_prof.nc - 2902248\_tech.nc -

2902249 - Existing NetCDF files

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

2902250 - Existing NetCDF files  
File : 2902250\_meta.nc - 2902250\_prof.nc - 2902250\_tech.nc -

2902251 - Existing NetCDF files  
File : 2902251\_meta.nc - 2902251\_prof.nc - 2902251\_tech.nc -

2902252 - Existing NetCDF files  
File : 2902252\_meta.nc - 2902252\_prof.nc - 2902252\_tech.nc -

2902253 - Existing NetCDF files  
File : 2902253\_meta.nc - 2902253\_prof.nc - 2902253\_tech.nc -

2902254 - Existing NetCDF files  
File : 2902254\_meta.nc - 2902254\_prof.nc - 2902254\_tech.nc -

2902255 - Existing NetCDF files  
File : 2902255\_meta.nc - 2902255\_prof.nc - 2902255\_tech.nc -

2902256 - Existing NetCDF files  
File : 2902256\_meta.nc - 2902256\_prof.nc - 2902256\_tech.nc -

2902257 - Existing NetCDF files  
File : 2902257\_meta.nc - 2902257\_prof.nc - 2902257\_tech.nc -

2902258 - Existing NetCDF files  
File : 2902258\_meta.nc - 2902258\_prof.nc - 2902258\_tech.nc -

2902259 - Existing NetCDF files  
File : 2902259\_meta.nc - 2902259\_prof.nc - 2902259\_tech.nc -

2902260 - Existing NetCDF files  
File : 2902260\_meta.nc - 2902260\_prof.nc - 2902260\_tech.nc -

2902261 - Existing NetCDF files  
File : 2902261\_meta.nc - 2902261\_prof.nc - 2902261\_tech.nc -

2902262 - Existing NetCDF files  
File : 2902262\_meta.nc - 2902262\_prof.nc - 2902262\_tech.nc -

2902265 - Existing NetCDF files  
File : 2902265\_meta.nc - 2902265\_prof.nc - 2902265\_tech.nc -

2902266 - Existing NetCDF files  
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2902267 - Existing NetCDF files  
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2902268 - Existing NetCDF files  
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2902269 - Existing NetCDF files  
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2902278 - Existing NetCDF files  
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2902279 - Existing NetCDF files  
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2902280 - Existing NetCDF files  
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2902281 - Existing NetCDF files  
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2902282 - Existing NetCDF files  
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2902283 - Existing NetCDF files  
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2902284 - Existing NetCDF files  
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2902285 - Existing NetCDF files  
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2902286 - Existing NetCDF files  
File : 2902286\_meta.nc - 2902286\_prof.nc - 2902286\_tech.nc -

2902287 - Existing NetCDF files  
File : 2902287\_meta.nc - 2902287\_prof.nc - 2902287\_tech.nc -

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

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

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

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

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

7654321 - Existing NetCDF files  
File : 7654321\_meta.nc - 7654321\_prof.nc

## 5.7. JMA

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

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

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

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

-Others : 8 floats

need further investigation

For some floats :

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

See below the list of floats with existing nc files :

**DAC name : jma – Number of floats : 1744**

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 -

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



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

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

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

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

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

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

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

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

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

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

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

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

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

2903008 - Existing NetCDF files  
File : 2903008\_Mprof.nc - 2903008\_meta.nc - 2903008\_prof.nc -

2903009 - Existing NetCDF files  
File : 2903009\_Mprof.nc - 2903009\_meta.nc - 2903009\_prof.nc -

2903010 - Existing NetCDF files  
File : 2903010\_Mprof.nc - 2903010\_meta.nc - 2903010\_prof.nc -

2903011 - Existing NetCDF files  
File : 2903011\_Mprof.nc - 2903011\_meta.nc - 2903011\_prof.nc -

2903012 - Existing NetCDF files  
File : 2903012\_Mprof.nc - 2903012\_meta.nc - 2903012\_prof.nc -

2903013 - Existing NetCDF files  
File : 2903013\_Mprof.nc - 2903013\_meta.nc - 2903013\_prof.nc -

2903014 - Existing NetCDF files  
File : 2903014\_Mprof.nc - 2903014\_meta.nc - 2903014\_prof.nc -

2903165 - Existing NetCDF files  
File : 2903165\_Mprof.nc - 2903165\_meta.nc - 2903165\_prof.nc -

2903166 - Existing NetCDF files  
File : 2903166\_Mprof.nc - 2903166\_meta.nc - 2903166\_prof.nc -

2903167 - Existing NetCDF files  
File : 2903167\_Mprof.nc - 2903167\_meta.nc - 2903167\_prof.nc -

2903168 - Existing NetCDF files  
File : 2903168\_Mprof.nc - 2903168\_meta.nc - 2903168\_prof.nc -

2903169 - Existing NetCDF files  
File : 2903169\_Mprof.nc - 2903169\_meta.nc - 2903169\_prof.nc -

2903170 - Existing NetCDF files  
File : 2903170\_Mprof.nc - 2903170\_meta.nc - 2903170\_prof.nc -

2903171 - Existing NetCDF files  
File : 2903171\_Mprof.nc - 2903171\_meta.nc - 2903171\_prof.nc -

2903172 - Existing NetCDF files  
File : 2903172\_Mprof.nc - 2903172\_meta.nc - 2903172\_prof.nc -

2903173 - Existing NetCDF files  
File : 2903173\_Mprof.nc - 2903173\_meta.nc - 2903173\_prof.nc -

2903174 - Existing NetCDF files  
File : 2903174\_Mprof.nc - 2903174\_meta.nc - 2903174\_prof.nc -

2903175 - Existing NetCDF files  
File : 2903175\_Mprof.nc - 2903175\_meta.nc - 2903175\_prof.nc -

2903176 - Existing NetCDF files  
File : 2903176\_Mprof.nc - 2903176\_meta.nc - 2903176\_prof.nc -

2903209 - Existing NetCDF files  
File : 2903209\_Mprof.nc - 2903209\_meta.nc - 2903209\_prof.nc -

2903210 - Existing NetCDF files  
File : 2903210\_Mprof.nc - 2903210\_meta.nc - 2903210\_prof.nc -

2903211 - Existing NetCDF files  
File : 2903211\_meta.nc - 2903211\_prof.nc -

2903213 - Existing NetCDF files  
File : 2903213\_Mprof.nc - 2903213\_meta.nc - 2903213\_prof.nc -

2903327 - Existing NetCDF files  
File : 2903327\_meta.nc - 2903327\_prof.nc -

2903329 - Existing NetCDF files  
File : 2903329\_Mprof.nc - 2903329\_meta.nc - 2903329\_prof.nc -

2903330 - Existing NetCDF files  
File : 2903330\_Mprof.nc - 2903330\_meta.nc - 2903330\_prof.nc -

2903346 - Existing NetCDF files  
File : 2903346\_meta.nc - 2903346\_prof.nc -

2903347 - Existing NetCDF files  
File : 2903347\_meta.nc - 2903347\_prof.nc -

2903350 - Existing NetCDF files  
File : 2903350\_meta.nc - 2903350\_prof.nc -

2903351 - Existing NetCDF files  
File : 2903351\_meta.nc - 2903351\_prof.nc -

2903352 - Existing NetCDF files

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2903356 - Existing NetCDF files  
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2903357 - Existing NetCDF files  
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2903359 - Existing NetCDF files  
File : 2903359\_meta.nc - 2903359\_prof.nc -  
2903360 - Existing NetCDF files  
File : 2903360\_meta.nc - 2903360\_prof.nc -  
2903362 - Existing NetCDF files  
File : 2903362\_meta.nc - 2903362\_prof.nc -  
2903363 - Existing NetCDF files  
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2903364 - Existing NetCDF files  
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2903365 - Existing NetCDF files  
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2903366 - Existing NetCDF files  
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2903367 - Existing NetCDF files  
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2903368 - Existing NetCDF files  
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2903369 - Existing NetCDF files  
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2903370 - Existing NetCDF files  
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2903371 - Existing NetCDF files  
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2903372 - Existing NetCDF files  
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2903373 - Existing NetCDF files  
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2903374 - Existing NetCDF files  
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2903375 - Existing NetCDF files  
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2903376 - Existing NetCDF files  
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2903377 - Existing NetCDF files  
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2903378 - Existing NetCDF files  
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2903379 - Existing NetCDF files  
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2903380 - Existing NetCDF files  
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2903381 - Existing NetCDF files  
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2903382 - Existing NetCDF files  
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2903383 - Existing NetCDF files  
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2903385 - Existing NetCDF files  
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2903386 - Existing NetCDF files  
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2903387 - Existing NetCDF files  
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2903389 - Existing NetCDF files  
File : 2903389\_meta.nc - 2903389\_prof.nc -  
2903390 - Existing NetCDF files  
File : 2903390\_meta.nc - 2903390\_prof.nc -  
2903391 - Existing NetCDF files  
File : 2903391\_meta.nc - 2903391\_prof.nc -  
2903394 - Existing NetCDF files  
File : 2903394\_Mprof.nc - 2903394\_meta.nc - 2903394\_prof.nc -  
2903395 - Existing NetCDF files  
File : 2903395\_Mprof.nc - 2903395\_meta.nc - 2903395\_prof.nc -  
2903400 - Existing NetCDF files  
File : 2903400\_meta.nc - 2903400\_prof.nc -  
2903401 - Existing NetCDF files  
File : 2903401\_meta.nc - 2903401\_prof.nc -  
2903402 - Existing NetCDF files  
File : 2903402\_meta.nc - 2903402\_prof.nc -  
2903403 - Existing NetCDF files  
File : 2903403\_meta.nc - 2903403\_prof.nc -  
2903404 - Existing NetCDF files  
File : 2903404\_meta.nc - 2903404\_prof.nc -  
2903605 - Existing NetCDF files  
File : 2903605\_meta.nc - 2903605\_prof.nc -  
2903606 - Existing NetCDF files  
File : 2903606\_meta.nc - 2903606\_prof.nc -  
2903607 - Existing NetCDF files  
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2903608 - Existing NetCDF files  
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2903609 - Existing NetCDF files  
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2903610 - Existing NetCDF files  
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2903611 - Existing NetCDF files  
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2903612 - Existing NetCDF files  
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2903616 - Existing NetCDF files  
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2903617 - Existing NetCDF files  
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2903619 - Existing NetCDF files  
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3902388 - Existing NetCDF files  
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3902389 - Existing NetCDF files  
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3902390 - Existing NetCDF files  
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3902392 - Existing NetCDF files  
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3902393 - Existing NetCDF files  
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3902394 - Existing NetCDF files  
File : 3902394\_meta.nc - 3902394\_prof.nc -

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

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

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

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

4902982 - Existing NetCDF files  
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4902983 - Existing NetCDF files  
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4902984 - Existing NetCDF files  
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4902985 - Existing NetCDF files  
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4902986 - Existing NetCDF files  
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4902987 - Existing NetCDF files  
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4902988 - Existing NetCDF files  
File : 4902988\_meta.nc - 4902988\_prof.nc -

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

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

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

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

5905063 - Existing NetCDF files  
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5905224 - Existing NetCDF files  
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5905225 - Existing NetCDF files  
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5905226 - Existing NetCDF files  
File : 5905226\_meta.nc - 5905226\_prof.nc -

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

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

5905233 - Existing NetCDF files  
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5905834 - Existing NetCDF files  
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5905835 - Existing NetCDF files  
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5905836 - Existing NetCDF files  
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5905837 - Existing NetCDF files  
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5905838 - Existing NetCDF files  
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5905839 - Existing NetCDF files  
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5905840 - Existing NetCDF files  
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5905841 - Existing NetCDF files  
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5905842 - Existing NetCDF files  
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5905843 - Existing NetCDF files  
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5905844 - Existing NetCDF files  
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5905846 - Existing NetCDF files  
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5905848 - Existing NetCDF files  
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5905849 - Existing NetCDF files  
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5905851 - Existing NetCDF files  
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5905852 - Existing NetCDF files  
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5905853 - Existing NetCDF files  
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5905854 - Existing NetCDF files  
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5905855 - Existing NetCDF files  
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5905860 - Existing NetCDF files  
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5905861 - Existing NetCDF files  
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5905862 - Existing NetCDF files  
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5905863 - Existing NetCDF files  
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5905864 - Existing NetCDF files  
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5905865 - Existing NetCDF files  
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5905875 - Existing NetCDF files  
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5905876 - Existing NetCDF files  
File : 5905876\_meta.nc - 5905876\_prof.nc -

5905877 - Existing NetCDF files  
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5905878 - Existing NetCDF files  
File : 5905878\_meta.nc - 5905878\_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  
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7900655 - Existing NetCDF files  
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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 -

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 -

## 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 : 550**

## 5.11. NMDIS

For some floats :

- 

See below the list of floats with existing nc files :

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