



## **Anomalies on Argo profiles**

**From warning objective analysis, netcdf file analysis**

**Format version**

**March 2019**

**Christine Coatanoan-Girou**

**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)

Summary

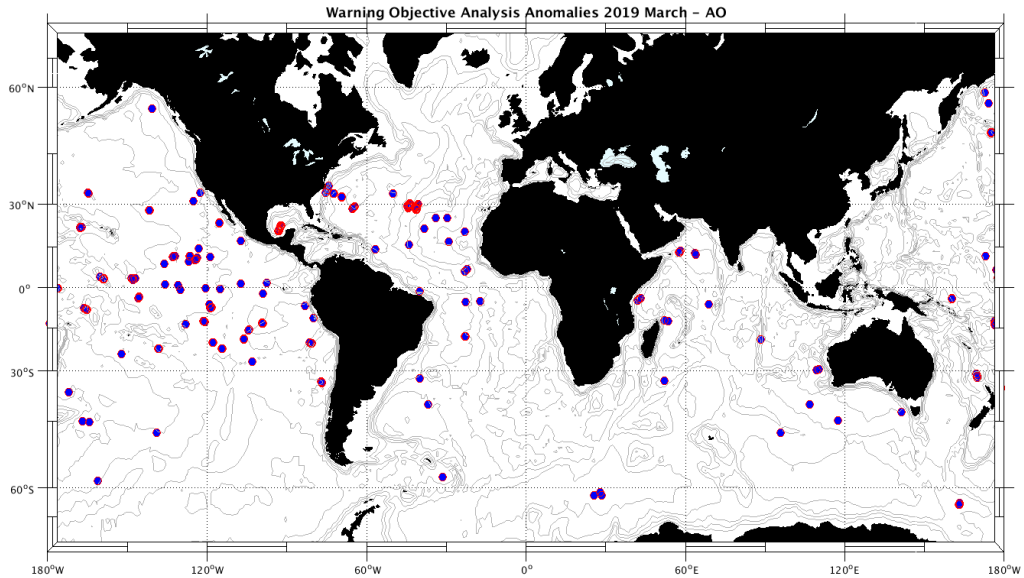
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1. DAC AOML

Profiles detected by the objective analysis: 254 profiles (98 floats, but floats can have several cycles with anomalies)

Data_mode ='R'	Data_mode ='A'	Data_mode ='D'
114 cycles	138 cycles	2 cycles



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

(for details of multiprofile, see details of vertical sampling scheme in message following TS plot)

Float : 1900244	Cycle : 17	PI : BRECK OWENS	Data mode : R	Platform type : SOLO_W	WMO inst type : 852	FLOAT SERIAL : SL173	Date : 2004	1	5
Float : 1900244	Cycle : 41	PI : BRECK OWENS	Data mode : R	Platform type : SOLO_W	WMO inst type : 852	FLOAT SERIAL : SL173	Date : 2004	9	1
Float : 1900245	Cycle : 1	PI : BRECK OWENS	Data mode : R	Platform type : SOLO_W	WMO inst type : 852	FLOAT SERIAL : SL203	Date : 2003	7	29
Float : 1900245	Cycle : 2	PI : BRECK OWENS	Data mode : R	Platform type : SOLO_W	WMO inst type : 852	FLOAT SERIAL : SL203	Date : 2003	8	8
Float : 1900245	Cycle : 3	PI : BRECK OWENS	Data mode : R	Platform type : SOLO_W	WMO inst type : 852	FLOAT SERIAL : SL203	Date : 2003	8	18
Float : 1900245	Cycle : 4	PI : BRECK OWENS	Data mode : R	Platform type : SOLO_W	WMO inst type : 852	FLOAT SERIAL : SL203	Date : 2003	8	28
Float : 1900245	Cycle : 5	PI : BRECK OWENS	Data mode : R	Platform type : SOLO_W	WMO inst type : 852	FLOAT SERIAL : SL203	Date : 2003	9	7
Float : 1900245	Cycle : 6	PI : BRECK OWENS	Data mode : R	Platform type : SOLO_W	WMO inst type : 852	FLOAT SERIAL : SL203	Date : 2003	9	17
Float : 1900245	Cycle : 7	PI : BRECK OWENS	Data mode : R	Platform type : SOLO_W	WMO inst type : 852	FLOAT SERIAL : SL203	Date : 2003	9	27
Float : 1900245	Cycle : 8	PI : BRECK OWENS	Data mode : R	Platform type : SOLO_W	WMO inst type : 852	FLOAT SERIAL : SL203	Date : 2003	10	7
Float : 1900245	Cycle : 10	PI : BRECK OWENS	Data mode : R	Platform type : SOLO_W	WMO inst type : 852	FLOAT SERIAL : SL203	Date : 2003	10	27
Float : 1900245	Cycle : 11	PI : BRECK OWENS	Data mode : R	Platform type : SOLO_W	WMO inst type : 852	FLOAT SERIAL : SL203	Date : 2003	11	6
Float : 1900245	Cycle : 12	PI : BRECK OWENS	Data mode : R	Platform type : SOLO_W	WMO inst type : 852	FLOAT SERIAL : SL203	Date : 2003	11	16
Float : 1900245	Cycle : 13	PI : BRECK OWENS	Data mode : R	Platform type : SOLO_W	WMO inst type : 852	FLOAT SERIAL : SL203	Date : 2003	11	26
Float : 1900245	Cycle : 14	PI : BRECK OWENS	Data mode : R	Platform type : SOLO_W	WMO inst type : 852	FLOAT SERIAL : SL203	Date : 2003	12	6
Float : 1900245	Cycle : 15	PI : BRECK OWENS	Data mode : R	Platform type : SOLO_W	WMO inst type : 852	FLOAT SERIAL : SL203	Date : 2003	12	16
Float : 1900245	Cycle : 16	PI : BRECK OWENS	Data mode : R	Platform type : SOLO_W	WMO inst type : 852	FLOAT SERIAL : SL203	Date : 2003	12	26
Float : 1900245	Cycle : 17	PI : BRECK OWENS	Data mode : R	Platform type : SOLO_W	WMO inst type : 852	FLOAT SERIAL : SL203	Date : 2004	1	5
Float : 1900245	Cycle : 19	PI : BRECK OWENS	Data mode : R	Platform type : SOLO_W	WMO inst type : 852	FLOAT SERIAL : SL203	Date : 2004	1	25
Float : 1900245	Cycle : 22	PI : BRECK OWENS	Data mode : R	Platform type : SOLO_W	WMO inst type : 852	FLOAT SERIAL : SL203	Date : 2004	2	24
Float : 1900245	Cycle : 23	PI : BRECK OWENS	Data mode : R	Platform type : SOLO_W	WMO inst type : 852	FLOAT SERIAL : SL203	Date : 2004	3	5
Float : 1900245	Cycle : 25	PI : BRECK OWENS	Data mode : R	Platform type : SOLO_W	WMO inst type : 852	FLOAT SERIAL : SL203	Date : 2004	3	25
Float : 1900245	Cycle : 26	PI : BRECK OWENS	Data mode : R	Platform type : SOLO_W	WMO inst type : 852	FLOAT SERIAL : SL203	Date : 2004	4	4
Float : 1900245	Cycle : 27	PI : BRECK OWENS	Data mode : R	Platform type : SOLO_W	WMO inst type : 852	FLOAT SERIAL : SL203	Date : 2004	4	14
Float : 1900245	Cycle : 28	PI : BRECK OWENS	Data mode : R	Platform type : SOLO_W	WMO inst type : 852	FLOAT SERIAL : SL203	Date : 2004	4	24
Float : 1900245	Cycle : 29	PI : BRECK OWENS	Data mode : R	Platform type : SOLO_W	WMO inst type : 852	FLOAT SERIAL : SL203	Date : 2004	5	4
Float : 1900245	Cycle : 30	PI : BRECK OWENS	Data mode : R	Platform type : SOLO_W	WMO inst type : 852	FLOAT SERIAL : SL203	Date : 2004	5	14
Float : 1900245	Cycle : 31	PI : BRECK OWENS	Data mode : R	Platform type : SOLO_W	WMO inst type : 852	FLOAT SERIAL : SL203	Date : 2004	5	24
Float : 1900245	Cycle : 32	PI : BRECK OWENS	Data mode : R	Platform type : SOLO_W	WMO inst type : 852	FLOAT SERIAL : SL203	Date : 2004	6	3
Float : 1900245	Cycle : 33	PI : BRECK OWENS	Data mode : R	Platform type : SOLO_W	WMO inst type : 852	FLOAT SERIAL : SL203	Date : 2004	6	13
Float : 1900245	Cycle : 34	PI : BRECK OWENS	Data mode : R	Platform type : SOLO_W	WMO inst type : 852	FLOAT SERIAL : SL203	Date : 2004	6	23
Float : 1900245	Cycle : 35	PI : BRECK OWENS	Data mode : R	Platform type : SOLO_W	WMO inst type : 852	FLOAT SERIAL : SL203	Date : 2004	7	3
Float : 1900245	Cycle : 36	PI : BRECK OWENS	Data mode : R	Platform type : SOLO_W	WMO inst type : 852	FLOAT SERIAL : SL203	Date : 2004	7	13
Float : 1900245	Cycle : 37	PI : BRECK OWENS	Data mode : R	Platform type : SOLO_W	WMO inst type : 852	FLOAT SERIAL : SL203	Date : 2004	7	23
Float : 1900245	Cycle : 38	PI : BRECK OWENS	Data mode : R	Platform type : SOLO_W	WMO inst type : 852	FLOAT SERIAL : SL203	Date : 2004	8	2
Float : 1900245	Cycle : 39	PI : BRECK OWENS	Data mode : R	Platform type : SOLO_W	WMO inst type : 852	FLOAT SERIAL : SL203	Date : 2004	8	12
Float : 1900245	Cycle : 40	PI : BRECK OWENS	Data mode : R	Platform type : SOLO_W	WMO inst type : 852	FLOAT SERIAL : SL203	Date : 2004	8	22





























































































































































































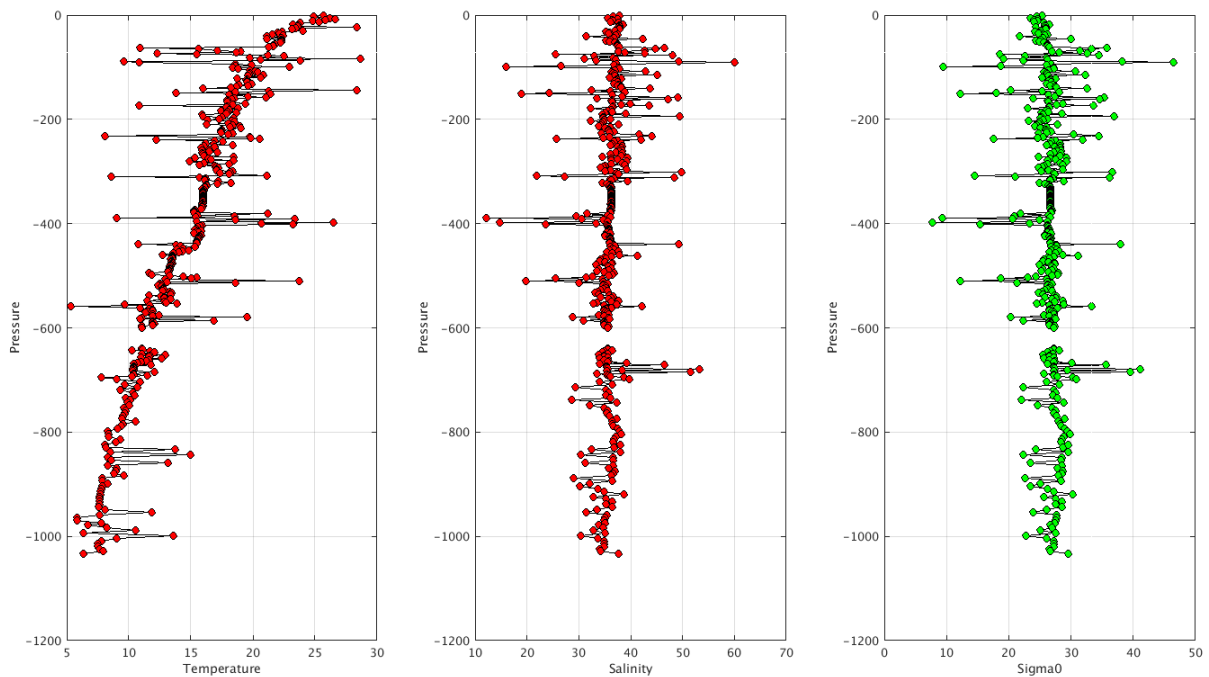


AO,5905304,55,27/03/2019 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=63593915 ,TEMP\_ADJUSTED,88,102,4,1,Primary sampling  
 AO,5905319,50,03/03/2019 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=63390287 ,PSAL,166,304,1,4,Primary sampling  
 AO,5905319,50,03/03/2019 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=63390287 ,PSAL,38,58,1,4,Primary sampling  
 AO,5905319,50,03/03/2019 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=63390287 ,PSAL,4.1,30,1,4,Primary sampling  
 AO,5905319,50,03/03/2019 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=63390287 ,PSAL,66,158,1,4,Primary sampling  
 AO,5905319,50,03/03/2019 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=63390287 ,PSAL\_ADJUSTED,166,276,1,4,Primary sampling  
 AO,5905319,50,03/03/2019 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=63390287 ,PSAL\_ADJUSTED,38,58,1,4,Primary sampling  
 AO,5905319,50,03/03/2019 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=63390287 ,PSAL\_ADJUSTED,4.1,30,1,4,Primary sampling  
 AO,5905319,50,03/03/2019 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=63390287 ,PSAL\_ADJUSTED,66,158,1,4,Primary sampling  
 AO,5905379,40,02/03/2019 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=63385749 ,PSAL,2.4,1999.24,1,4,Primary sampling  
 AO,5905379,40,02/03/2019 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=63385749 ,PSAL\_ADJUSTED,2.4,1999.24,1,4,Primary sampling  
 AO,5905379,41,13/03/2019 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=63474691 ,PSAL,2.7,1998.32,1,4,Primary sampling  
 AO,5905379,41,13/03/2019 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=63474691 ,PSAL\_ADJUSTED,2.7,1998.32,1,4,Primary sampling  
 AO,5905379,42,23/03/2019 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=63554174 ,PSAL,102,1998.57,1,4,Primary sampling  
 AO,5905379,42,23/03/2019 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=63554174 ,PSAL,4,94,1,4,Primary sampling  
 AO,5905379,42,23/03/2019 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=63554174 ,PSAL\_ADJUSTED,102,1998.57,1,4,Primary sampling  
 AO,5905379,42,23/03/2019 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=63554174 ,PSAL\_ADJUSTED,4,94,1,4,Primary sampling  
 AO,5905984,16,23/03/2019 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=63554178 ,PSAL,506,506,1,4,Primary sampling  
 AO,5905984,16,23/03/2019 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=63554178 ,PSAL\_ADJUSTED,506,506,1,4,Primary sampling  
 AO,7900680,43,10/03/2019 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=63454274 ,PSAL,.92,.92,1,4,Primary sampling  
 AO,7900680,43,10/03/2019 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=63454275 ,PSAL,.48,.48,1,4,Near-surface sampling  
 AO,7900680,43,13/03/2019 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=63454275 ,PSAL,.48,.48,1,4,Near-surface sampling  
 AO,7900680,43,20/03/2019 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=63454274 ,PSAL,.92,.92,1,4,Primary sampling  
 AO,7900680,43,20/03/2019 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=63454275 ,PSAL,.48,.48,1,4,Near-surface sampling  
 AO,7900680,43,22/03/2019 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=63454275 ,PSAL,.48,.48,1,4,Near-surface sampling

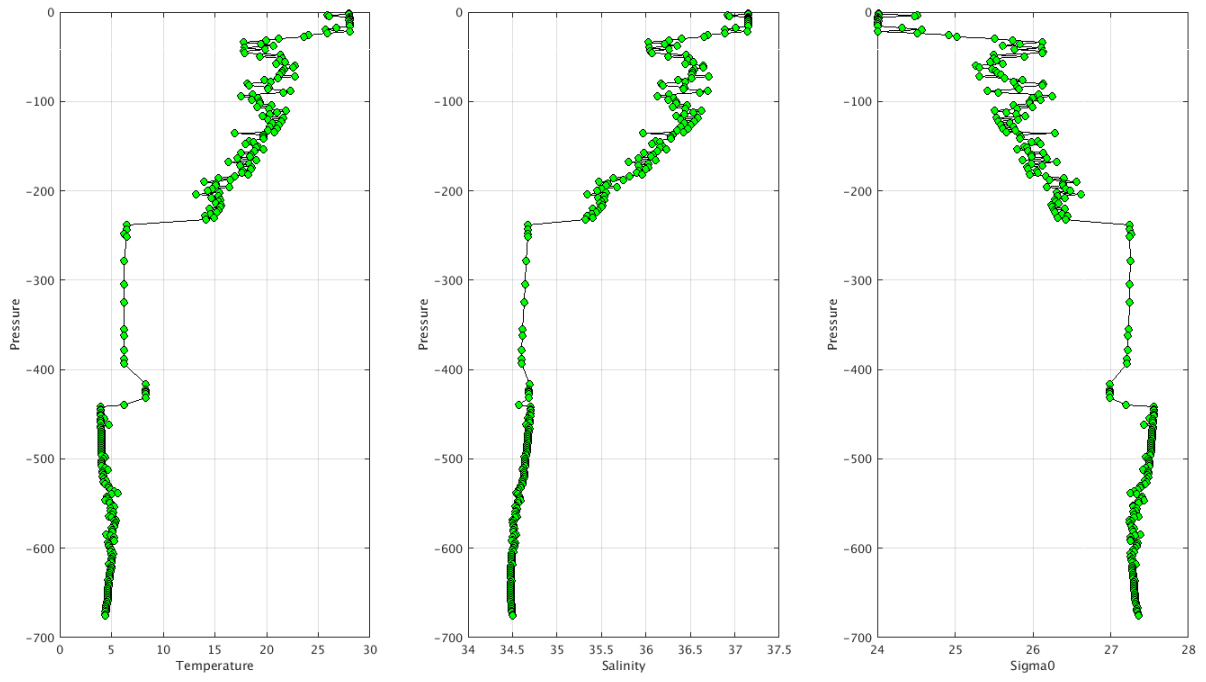
**APEX to put on the grey list:**

Example of corrections:

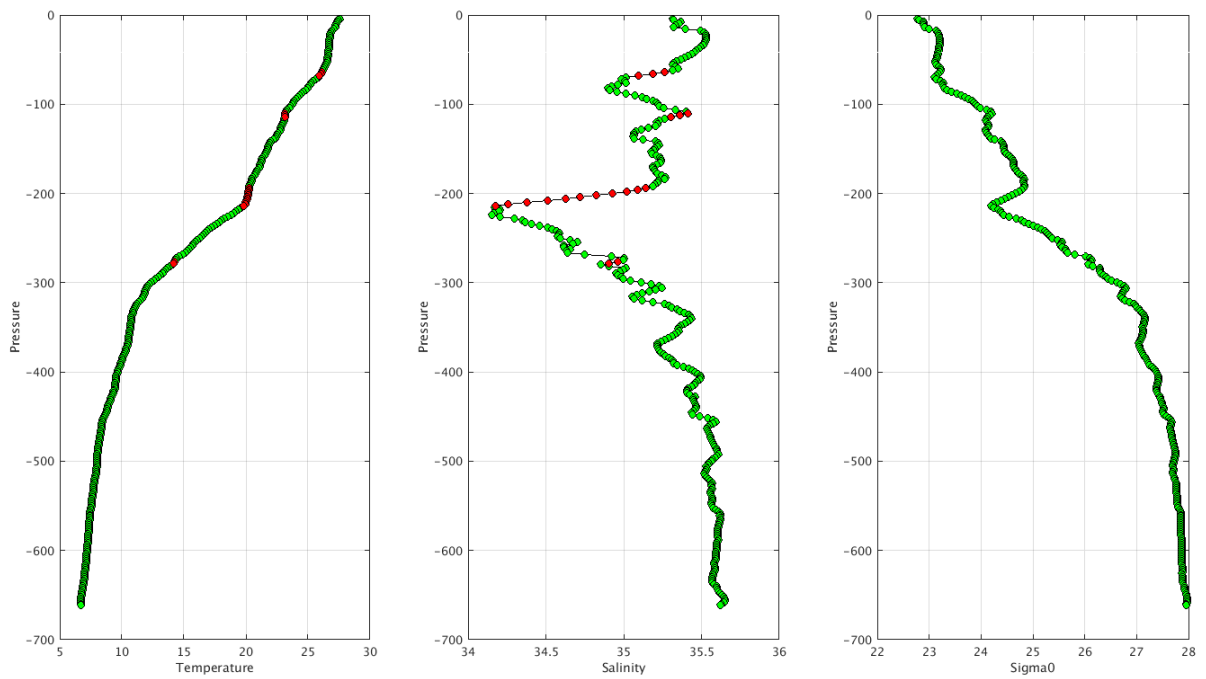
Warning Objective Analysis Anomalies 2019 March TEMP PSAL : DAC AO- Float 1900245 - 10

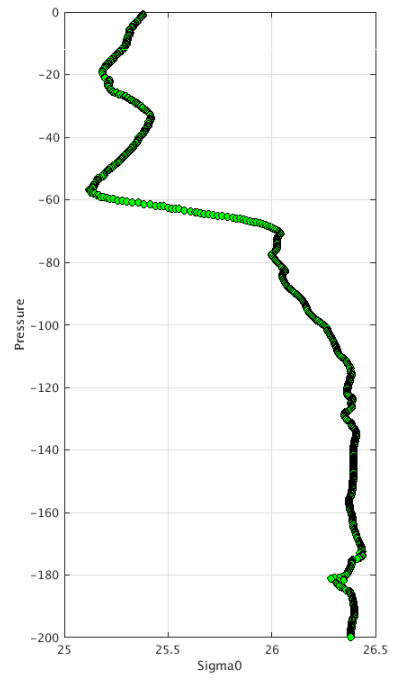
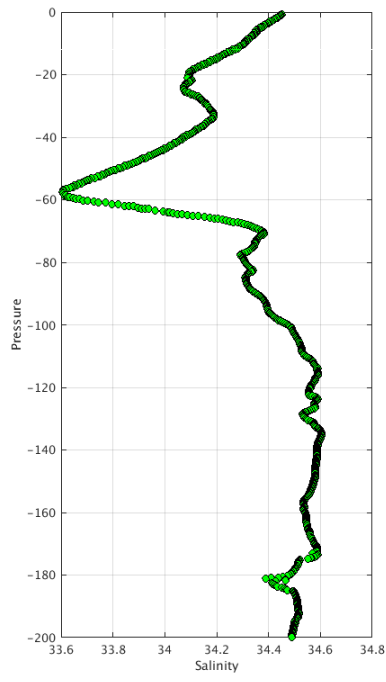
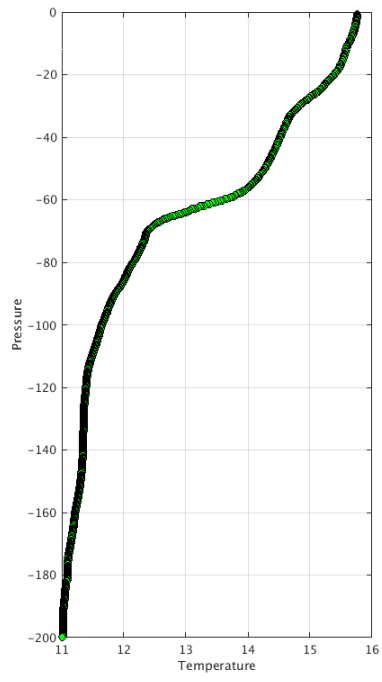


Warning Objective Analysis Anomalies 2019 March TEMP PSAL: DAC AO- Float 1901650 - 230



Warning Objective Analysis Anomalies 2019 March TEMP PSAL: DAC AO- Float 3901187 - 181



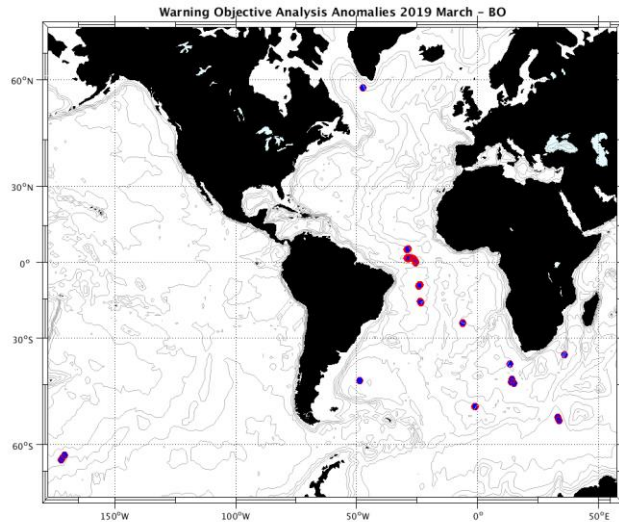




2. DAC BODC

Profiles detected by the objective analysis: 41 profiles (13 floats – float can have several cycles with anomalies)

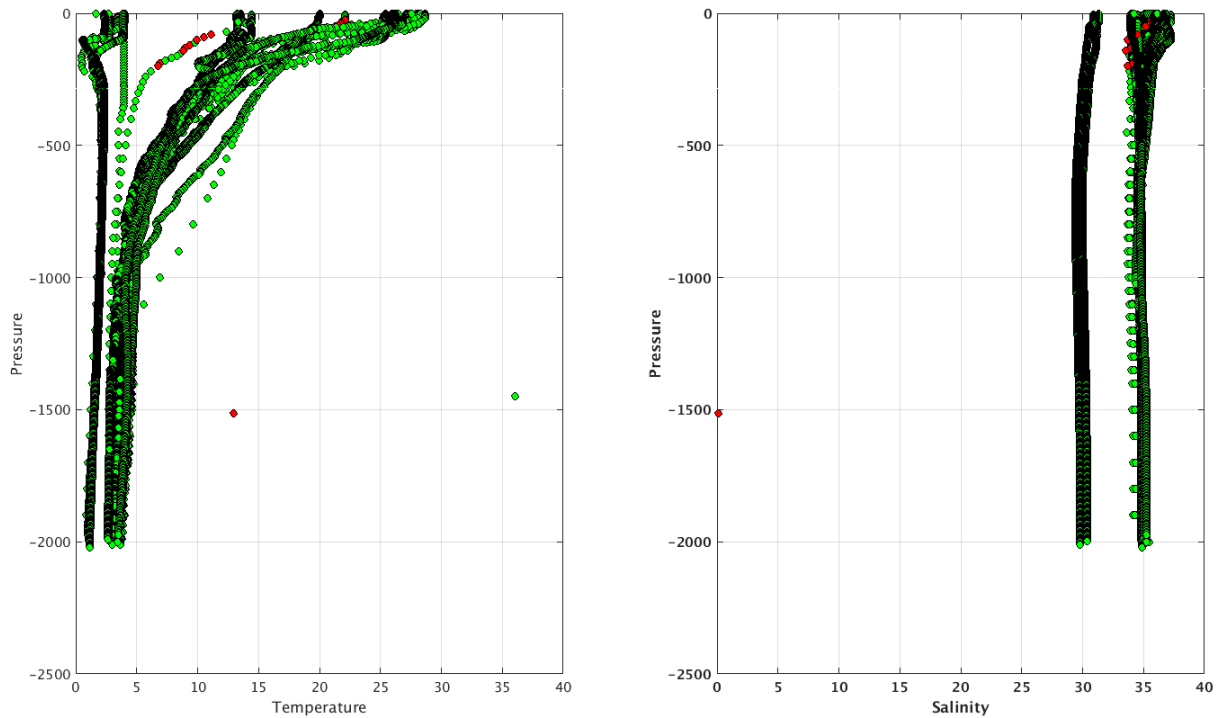
Data_mode ='R'	Data_mode ='A'	Data_mode ='D'
31 cycles	8 cycles	2 cycles



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

Float : 1901300 - Cycle : 219 - PI : Jon Turton - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 5590 - Date : 2019	3	10
Float : 1901305 - Cycle : 218 - PI : Jon Turton - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 6242 - Date : 2019	3	4
Float : 1901305 - Cycle : 219 - PI : Jon Turton - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 6242 - Date : 2019	3	14
Float : 1901305 - Cycle : 220 - PI : Jon Turton - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 6242 - Date : 2019	3	24
Float : 3901515 - Cycle : 134 - PI : Jon Turton - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7029 - Date : 2019	3	26
Float : 3901548 - Cycle : 15 - PI : Jon Turton - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7001 - Date : 2019	3	4
Float : 3901548 - Cycle : 16 - PI : Jon Turton - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7001 - Date : 2019	3	14
Float : 3901548 - Cycle : 17 - PI : Jon Turton - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7001 - Date : 2019	3	24
Float : 3901883 - Cycle : 77 - PI : Andreas Sterl - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : AI2600-16FR046 - Date : 2019	3	1
Float : 3901883 - Cycle : 78 - PI : Andreas Sterl - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : AI2600-16FR046 - Date : 2019	3	11
Float : 3901884 - Cycle : 71 - PI : Andreas Sterl - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : AI2600-16FR047 - Date : 2019	3	17
Float : 3901884 - Cycle : 72 - PI : Andreas Sterl - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : AI2600-16FR047 - Date : 2019	3	27
Float : 3901889 - Cycle : 70 - PI : Andreas Sterl - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : AI2600-16FR052 - Date : 2019	2	27
Float : 3901889 - Cycle : 71 - PI : Andreas Sterl - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : AI2600-16FR052 - Date : 2019	3	9
Float : 3901889 - Cycle : 72 - PI : Andreas Sterl - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : AI2600-16FR052 - Date : 2019	3	19
Float : 3901897 - Cycle : 56 - PI : Josep Lluís Pelegri - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : AI2600-16FR060 - Date : 2018	11	13
Float : 3901897 - Cycle : 57 - PI : Josep Lluís Pelegri - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : AI2600-16FR060 - Date : 2018	11	23
Float : 3901897 - Cycle : 58 - PI : Josep Lluís Pelegri - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : AI2600-16FR060 - Date : 2018	12	3
Float : 3901897 - Cycle : 59 - PI : Josep Lluís Pelegri - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : AI2600-16FR060 - Date : 2018	12	13
Float : 3901897 - Cycle : 60 - PI : Josep Lluís Pelegri - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : AI2600-16FR060 - Date : 2018	12	23
Float : 3901897 - Cycle : 61 - PI : Josep Lluís Pelegri - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : AI2600-16FR060 - Date : 2019	1	2
Float : 3901897 - Cycle : 62 - PI : Josep Lluís Pelegri - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : AI2600-16FR060 - Date : 2019	1	12
Float : 3901897 - Cycle : 63 - PI : Josep Lluís Pelegri - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : AI2600-16FR060 - Date : 2019	1	22
Float : 3901897 - Cycle : 64 - PI : Josep Lluís Pelegri - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : AI2600-16FR060 - Date : 2019	2	1
Float : 3901897 - Cycle : 65 - PI : Josep Lluís Pelegri - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : AI2600-16FR060 - Date : 2019	2	11
Float : 3901897 - Cycle : 66 - PI : Josep Lluís Pelegri - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : AI2600-16FR060 - Date : 2019	2	21
Float : 3901897 - Cycle : 67 - PI : Josep Lluís Pelegri - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : AI2600-16FR060 - Date : 2019	3	3
Float : 3901897 - Cycle : 68 - PI : Josep Lluís Pelegri - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : AI2600-16FR060 - Date : 2019	3	13
Float : 3901904 - Cycle : 78 - PI : Pierre-Marie Poulain - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : AR2600-16FR067 - Date : 2019	3	7
Float : 3901904 - Cycle : 79 - PI : Pierre-Marie Poulain - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : AR2600-16FR067 - Date : 2019	3	17
Float : 3901904 - Cycle : 80 - PI : Pierre-Marie Poulain - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : AR2600-16FR067 - Date : 2019	3	27
Float : 3901912 - Cycle : 111 - PI : Romain Cancouet - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : AI2600-16FR075 - Date : 2019	3	3
Float : 3901954 - Cycle : 52 - PI : Andy Rees - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : AI2600-16FR097 - Date : 2019	3	5
Float : 3901954 - Cycle : 53 - PI : Andy Rees - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : AI2600-16FR097 - Date : 2019	3	15
Float : 3901954 - Cycle : 54 - PI : Andy Rees - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : AI2600-16FR097 - Date : 2019	3	25
Float : 3901956 - Cycle : 37 - PI : Andy Rees - Data mode : D - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : AI2600-16FR099 - Date : 2018	10	12
Float : 3901956 - Cycle : 38 - PI : Andy Rees - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : AI2600-16FR099 - Date : 2018	10	22
Float : 3901956 - Cycle : 39 - PI : Andy Rees - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : AI2600-16FR099 - Date : 2018	11	1

Float : 3901956 - Cycle : 40 - PI : Andy Rees - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : AI2600-16FR099 - Date : 2018 11 11  
 Float : 3901956 - Cycle : 41 - PI : Andy Rees - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : AI2600-16FR099 - Date : 2018 11 21  
 Float : 49068 - Cycle : 79 - PI : Jon Turton - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 173 - Date : 2003 3 11

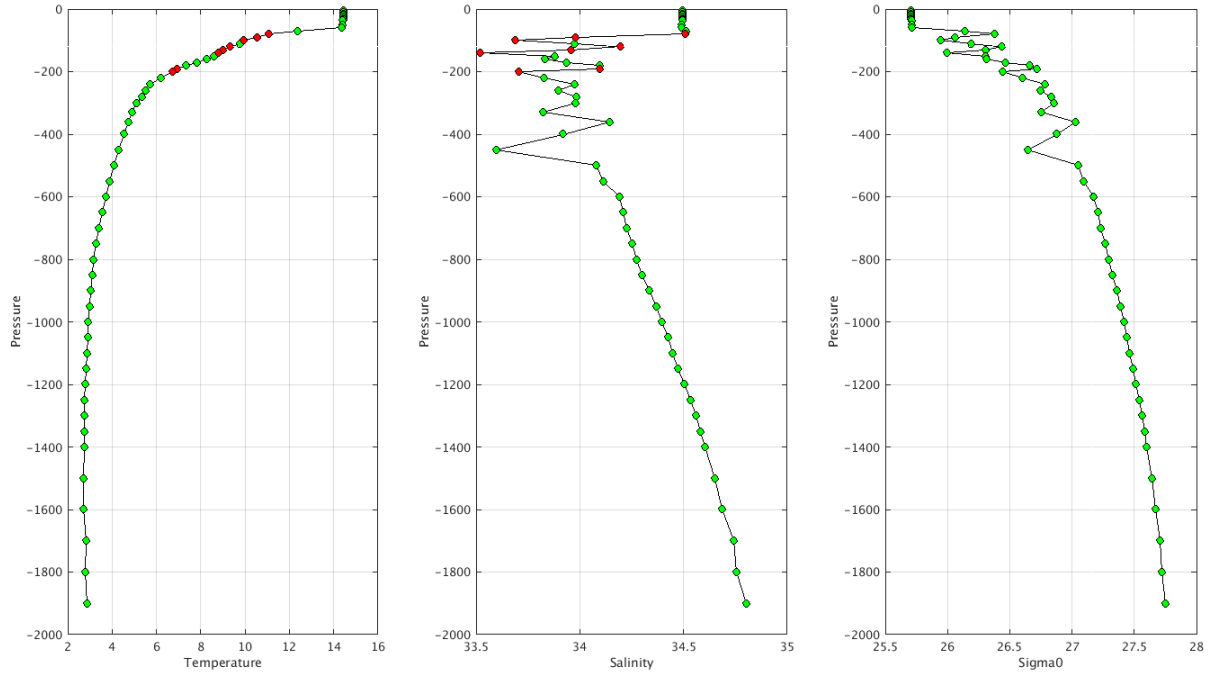
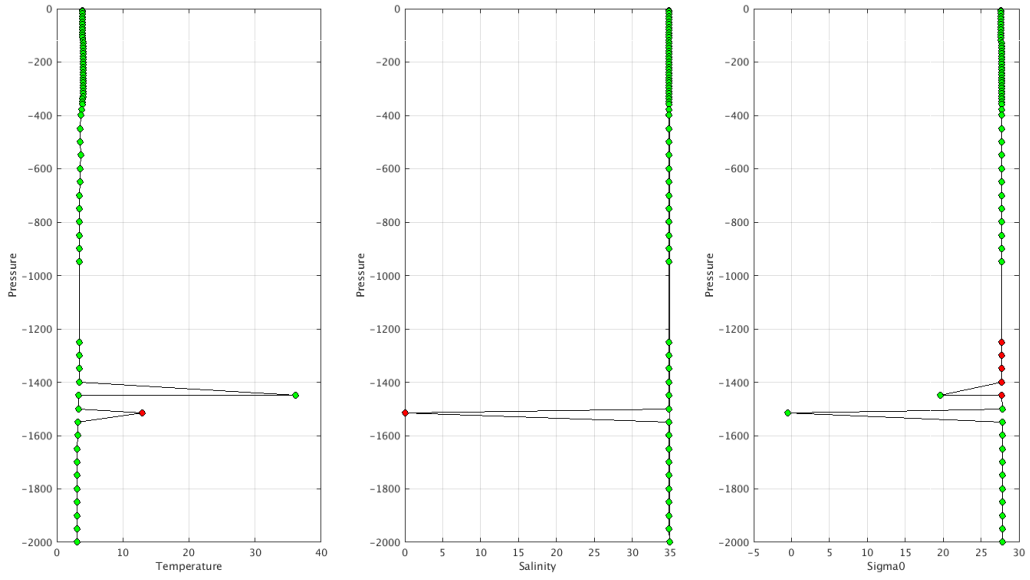


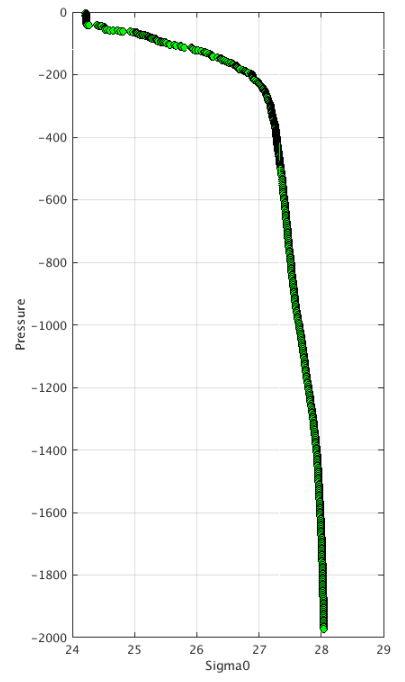
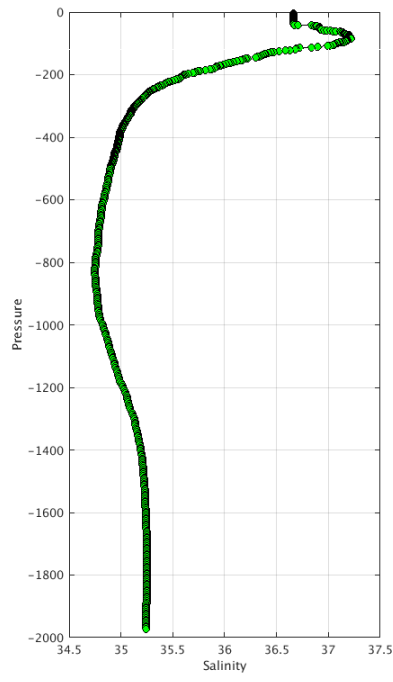
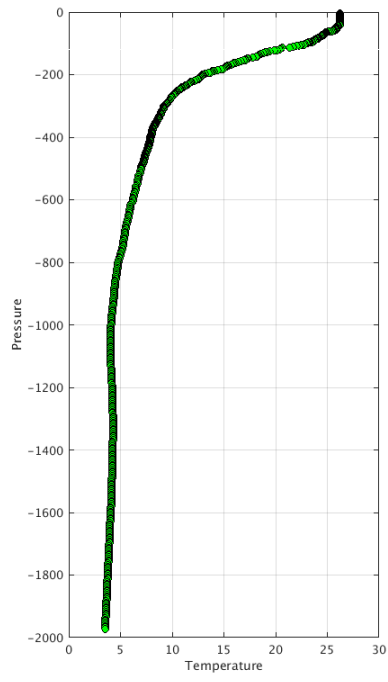
DAC\_CODE,PLATFORM\_CODE,CV\_NUMBER,DATE\_UPDATE,DIRECTION,WEB\_URL,PARAMETER,START\_IMMERSION,STOP\_IMMERSION,OLD\_QC,NEW\_QC,VERTICAL\_SAMPLING\_SCHEME

BO,1901300,219,10/03/2019 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=63451869> ,PSAL,1999.9,1999.9,1,4,Primary sampling  
 BO,1901300,219,10/03/2019 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=63451869> ,PSAL,30,30,1,4,Primary sampling  
 BO,1901300,219,10/03/2019 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=63451869> ,PSAL,54,159.7,1,4,Primary sampling  
 BO,1901300,219,10/03/2019 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=63451869> ,PSAL\_ADJUSTED,1999.9,1999.9,1,4,Primary sampling  
 BO,1901300,219,10/03/2019 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=63451869> ,PSAL,30,30,1,4,Primary sampling  
 BO,1901300,219,10/03/2019 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=63451869> ,PSAL\_ADJUSTED,54,159.7,1,4,Primary sampling  
 BO,1901300,219,10/03/2019 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=63451869> ,TEMP,20.6,25.4,4,1,Primary sampling  
 BO,1901300,219,10/03/2019 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=63451869> ,TEMP,34.8,49.7,4,1,Primary sampling  
 BO,1901305,218,04/03/2019 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=63392963> ,PSAL,10.7,1900.4,1,3,Primary sampling  
 BO,1901305,218,04/03/2019 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=63392963> ,PSAL\_ADJUSTED,10.7,1900.4,1,3,Primary sampling  
 BO,1901305,219,14/03/2019 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=63481274> ,PSAL,10.5,1900.2,1,3,Primary sampling  
 BO,1901305,219,14/03/2019 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=63481274> ,PSAL\_ADJUSTED,10.5,1900.2,1,3,Primary sampling  
 BO,1901305,220,24/03/2019 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=63569725> ,PSAL,10.1,1900.2,1,3,Primary sampling  
 BO,1901305,220,24/03/2019 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=63569725> ,PSAL\_ADJUSTED,10.1,1900.2,1,3,Primary sampling  
 BO,3901515,134,26/03/2019 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=63589865> ,PSAL,109.5,109.5,1,4,Primary sampling  
 BO,3901515,134,26/03/2019 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=63589865> ,PSAL,150,179.8,1,4,Primary sampling  
 BO,3901515,134,26/03/2019 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=63589865> ,PSAL,220.3,800.1,1,4,Primary sampling  
 BO,3901515,134,26/03/2019 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=63589865> ,PSAL,3.7,70.4,1,4,Primary sampling  
 BO,3901515,134,26/03/2019 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=63589865> ,PSAL\_ADJUSTED,109.5,109.5,1,4,Primary sampling  
 BO,3901515,134,26/03/2019 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=63589865> ,PSAL\_ADJUSTED,150,179.8,1,4,Primary sampling  
 BO,3901515,134,26/03/2019 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=63589865> ,PSAL\_ADJUSTED,220.3,800.1,1,4,Primary sampling  
 BO,3901515,134,26/03/2019 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=63589865> ,PSAL\_ADJUSTED,3.7,70.4,1,4,Primary sampling  
 BO,3901515,134,26/03/2019 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=63589865> ,TEMP,119.7,140.4,1,Primary sampling  
 BO,3901515,134,26/03/2019 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=63589865> ,TEMP,190.1,199.7,4,1,Primary sampling  
 BO,3901515,134,26/03/2019 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=63589865> ,TEMP,79.9,100.4,4,1,Primary sampling  
 BO,3901548,15,04/03/2019 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=63394041> ,PSAL,4,1899.8,1,4,Primary sampling  
 BO,3901548,15,04/03/2019 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=63394041> ,TEMP,4,1899.8,1,3,Primary sampling  
 BO,3901548,15,04/03/2019 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=63394041> ,TEMP\_ADJUSTED,4,1899.8,1,3,Primary sampling  
 BO,3901548,16,14/03/2019 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=63489903> ,PSAL,3.5,1900.3,1,4,Primary sampling  
 BO,3901548,16,14/03/2019 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=63489903> ,PSAL\_ADJUSTED,3.5,1900.3,1,4,Primary sampling  
 BO,3901548,16,14/03/2019 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=63489903> ,TEMP,3.5,1900.3,1,3,Primary sampling  
 BO,3901548,16,14/03/2019 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=63489903> ,TEMP\_ADJUSTED,3.5,1900.3,1,3,Primary sampling  
 BO,3901548,17,24/03/2019 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=63570009> ,PSAL,4.2,1899.5,1,4,Primary sampling  
 BO,3901548,17,24/03/2019 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=63570009> ,PSAL\_ADJUSTED,4.2,1899.5,1,4,Primary sampling  
 BO,3901548,17,24/03/2019 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=63570009> ,TEMP,4.2,1899.5,1,3,Primary sampling  
 BO,3901548,17,24/03/2019 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=63570009> ,TEMP\_ADJUSTED,4.2,1899.5,1,3,Primary sampling  
 BO,3901883,77,01/03/2019 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=63371753> ,PSAL,2.7,1977.1,1,3,Primary sampling  
 BO,3901883,78,11/03/2019 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=63454763> ,PSAL,3,1997.1,3,Primary sampling  
 BO,3901884,71,17/03/2019 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=63512848> ,PSAL,3.1,1997.1,1,4,Primary sampling

BO,3901884,72,27/03/2019 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=63594008 ,PSAL,3.7,2009.7,1,4,Primary sampling  
BO,3901889,70,27/02/2019 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=63328033 ,PSAL,3.6,1993.9,1,4,Primary sampling  
BO,3901889,71,09/03/2019 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=63440396 ,PSAL,3,28,1,4,Primary sampling  
BO,3901889,71,09/03/2019 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=63440396 ,PSAL,30.7,37.2,1,4,Primary sampling  
BO,3901889,71,09/03/2019 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=63440396 ,PSAL,39.8,1993.1,1,4,Primary sampling  
BO,3901889,72,19/03/2019 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=63522687 ,PSAL,160.215.9,1,4,Primary sampling  
BO,3901889,72,19/03/2019 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=63522687 ,PSAL,219,1989.6,1,4,Primary sampling  
BO,3901889,72,19/03/2019 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=63522687 ,PSAL,3,157,1,4,Primary sampling  
BO,3901897,56,13/11/2018 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=62337000 ,PSAL,4.3,1985.7,1,4,Primary sampling  
BO,3901897,56,13/11/2018 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=62337001 ,PSAL,2,1.6,3,4,Near-surface sampling  
BO,3901897,57,23/11/2018 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=62485917 ,PSAL,3.6,1986.4,1,4,Primary sampling  
BO,3901897,57,23/11/2018 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=62485918 ,PSAL,0,1.3,4,Near-surface sampling  
BO,3901897,58,03/12/2018 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=62600229 ,PSAL,3.9,2002,1,4,Primary sampling  
BO,3901897,58,03/12/2018 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=62600230 ,PSAL,1,1.5,3,4,Near-surface sampling  
BO,3901897,59,13/12/2018 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=62643674 ,PSAL,3.9,2004.6,3,4,Primary sampling  
BO,3901897,59,13/12/2018 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=62643675 ,PSAL,1,1.4,3,4,Near-surface sampling  
BO,3901897,60,23/12/2018 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=62791460 ,PSAL,4.2,2007.1,1,4,Primary sampling  
BO,3901897,60,23/12/2018 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=62791461 ,PSAL,0,1.3,3,4,Near-surface sampling  
BO,3901897,61,02/01/2019 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=62870343 ,PSAL,4,1962.9,1,4,Primary sampling  
BO,3901897,61,02/01/2019 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=62870344 ,PSAL,2,1.4,3,4,Near-surface sampling  
BO,3901897,62,12/01/2019 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=62938495 ,PSAL,3.9,2009.8,1,4,Primary sampling  
BO,3901897,62,12/01/2019 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=62938496 ,PSAL,4,1.7,3,4,Near-surface sampling  
BO,3901897,63,22/01/2019 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=63009271 ,PSAL,3.8,2010.6,1,4,Primary sampling  
BO,3901897,63,22/01/2019 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=63009272 ,PSAL,4,1.5,3,4,Near-surface sampling  
BO,3901897,64,01/02/2019 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=63090139 ,PSAL,3.8,2011.2,1,4,Primary sampling  
BO,3901897,64,01/02/2019 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=63090140 ,PSAL,3,1.5,3,4,Near-surface sampling  
BO,3901897,65,11/02/2019 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=63163655 ,PSAL,3.7,1980.8,1,4,Primary sampling  
BO,3901897,65,11/02/2019 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=63163656 ,PSAL,0,1.3,3,4,Near-surface sampling  
BO,3901897,66,21/02/2019 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=63242375 ,PSAL,3.8,1980.8,1,4,Primary sampling  
BO,3901897,66,21/02/2019 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=63242376 ,PSAL,2,1.4,3,4,Near-surface sampling  
BO,3901897,67,03/03/2019 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=63388816 ,PSAL,3.6,1977.1,1,4,Primary sampling  
BO,3901897,67,03/03/2019 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=63388817 ,PSAL,2,1.3,3,4,Near-surface sampling  
BO,3901897,68,13/03/2019 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=63477501 ,PSAL,4,1.1984.2,1,4,Primary sampling  
BO,3901897,68,13/03/2019 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=63477502 ,PSAL,4,1.6,3,4,Near-surface sampling  
BO,3901904,78,07/03/2019 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=63419316 ,PSAL,112.7,2016.7,1,4,Primary sampling  
BO,3901904,78,07/03/2019 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=63419316 ,PSAL,3.1,109.5,1,4,Primary sampling  
BO,3901904,79,17/03/2019 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=63512855 ,PSAL,2.9,2021.9,1,4,Primary sampling  
BO,3901904,80,27/03/2019 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=63594014 ,PSAL,3.1,2026.1,1,4,Primary sampling  
BO,3901912,111,03/03/2019 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=63388818 ,PSAL,78.2,85.2,1,3,Primary sampling  
BO,3901954,52,05/03/2019 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=63411533 ,PSAL,2.9,2032.9,1,4,Primary sampling  
BO,3901954,53,15/03/2019 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=63495517 ,PSAL,2.9,1986.6,1,4,Primary sampling  
BO,3901954,54,25/03/2019 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=63573368 ,PSAL,3.6,1991,1,4,Primary sampling  
BO,3901956,37,12/11/2018 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=61449624 ,PSAL,2,2.3,3,4,Near-surface sampling  
BO,3901956,38,23/10/2018 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=61564123 ,PSAL,2.7,1978,3,4,Primary sampling  
BO,3901956,38,23/10/2018 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=61564124 ,PSAL,3,1.9,3,4,Near-surface sampling  
BO,3901956,39,01/11/2018 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=62196033 ,PSAL,2.9,2001.9,3,4,Primary sampling  
BO,3901956,39,01/11/2018 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=62196034 ,PSAL,4,2.1,3,4,Near-surface sampling  
BO,3901956,40,11/11/2018 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=62331784 ,PSAL,3.1,1978.1,3,4,Primary sampling  
BO,3901956,40,11/11/2018 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=62331785 ,PSAL,3,2,3,4,Near-surface sampling  
BO,3901956,41,21/11/2018 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=62452009 ,PSAL,3,2.1,3,4,Near-surface sampling  
BO,49068,79,13/09/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=1500338 ,TEMP,1449.4,1449.4,1,4,Primary sampling

Example of corrections:

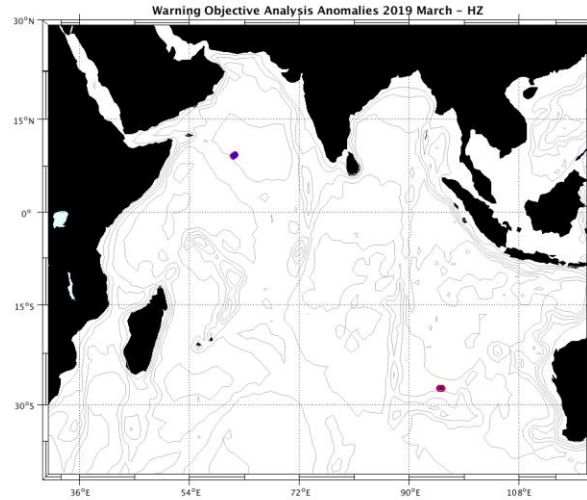




### 3. DAC CSIO

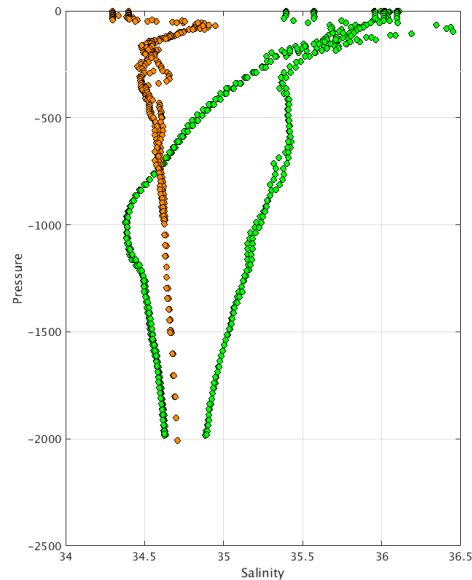
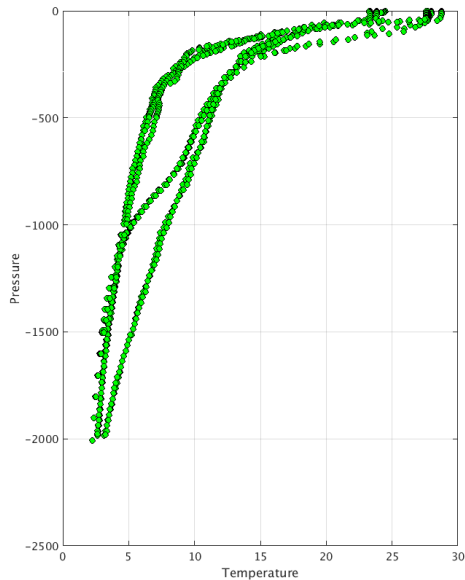
Profiles detected by the objective analysis: 9 profiles (3 floats – float can have several cycles with anomalies)

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



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

- Float : 2902600 - Cycle : 163 - PI : ZENGHONG LIU - Data mode : A - Platform type : PROVOR - WMO inst type : 841 - FLOAT SERIAL : OIN-13CH-S31-13 - Date : 2019 2 25
- Float : 2902600 - Cycle : 164 - PI : ZENGHONG LIU - Data mode : A - Platform type : PROVOR - WMO inst type : 841 - FLOAT SERIAL : OIN-13CH-S31-13 - Date : 2019 3 8
- Float : 2902600 - Cycle : 165 - PI : ZENGHONG LIU - Data mode : A - Platform type : PROVOR - WMO inst type : 841 - FLOAT SERIAL : OIN-13CH-S31-13 - Date : 2019 3 17
- Float : 2902600 - Cycle : 166 - PI : ZENGHONG LIU - Data mode : A - Platform type : PROVOR - WMO inst type : 841 - FLOAT SERIAL : OIN-13CH-S31-13 - Date : 2019 3 27
- Float : 2902609 - Cycle : 164 - PI : ZENGHONG LIU - Data mode : A - Platform type : PROVOR - WMO inst type : 841 - FLOAT SERIAL : OIN-13CH-S31-75 - Date : 2019 3 16
- Float : 2902609 - Cycle : 165 - PI : ZENGHONG LIU - Data mode : A - Platform type : PROVOR - WMO inst type : 841 - FLOAT SERIAL : OIN-13CH-S31-75 - Date : 2019 3 26
- Float : 2902715 - Cycle : 84 - PI : JIANPING XU - Data mode : A - Platform type : HM2000 - WMO inst type : 870 - FLOAT SERIAL : HM2000-2017-022 - Date : 2019 3 7
- Float : 2902715 - Cycle : 85 - PI : JIANPING XU - Data mode : A - Platform type : HM2000 - WMO inst type : 870 - FLOAT SERIAL : HM2000-2017-022 - Date : 2019 3 12
- Float : 2902715 - Cycle : 86 - PI : JIANPING XU - Data mode : A - Platform type : HM2000 - WMO inst type : 870 - FLOAT SERIAL : HM2000-2017-022 - Date : 2019 3 17



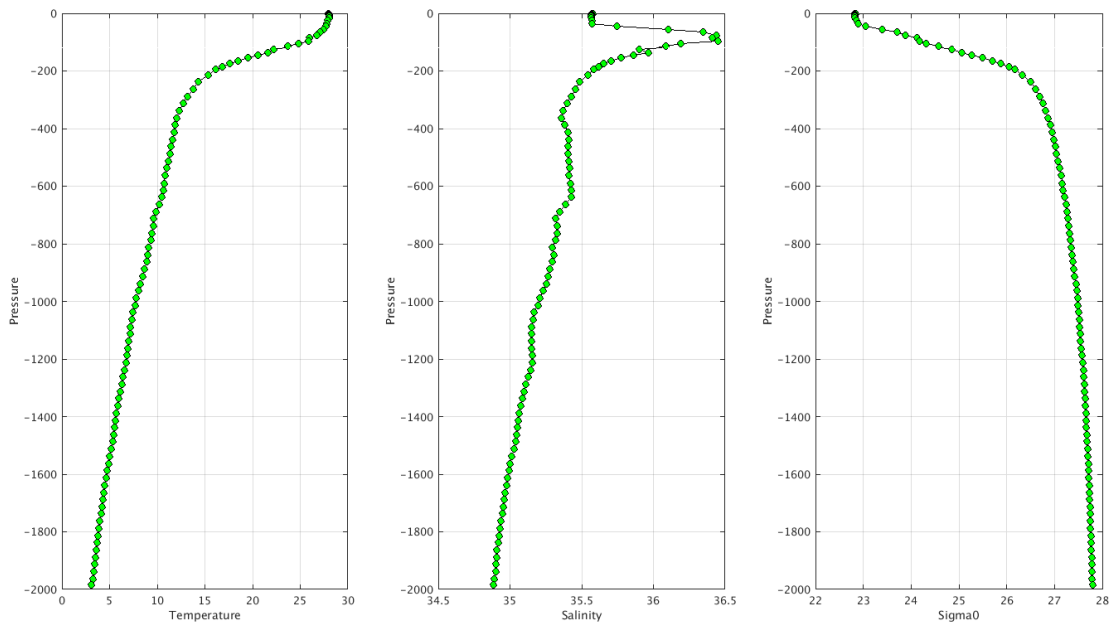
DAC\_CODE,PLATFORM\_CODE,CV\_NUMBER,DATE\_UPDATE,DIRECTION,WEB\_URL,PARAMETER,START\_IMMERSION,STOP\_IMMERSION,OLD\_QC,NEW\_QC,VERTICAL\_SAMPLING\_SCHEME  
 HZ,2902600,163,26/02/2019 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=63321186> ,PSAL,1,1979,1,3,Primary sampling  
 HZ,2902600,163,26/02/2019 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=63321186> ,PSAL\_ADJUSTED,1,1979,1,3,Primary sampling  
 HZ,2902600,164,08/03/2019 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=63437612> ,PSAL,1,1981,1,3,Primary sampling  
 HZ,2902600,164,08/03/2019 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=63437612> ,PSAL\_ADJUSTED,1,1981,1,3,Primary sampling  
 HZ,2902600,165,18/03/2019 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=63517799> ,PSAL,1,1983,1,3,Primary sampling



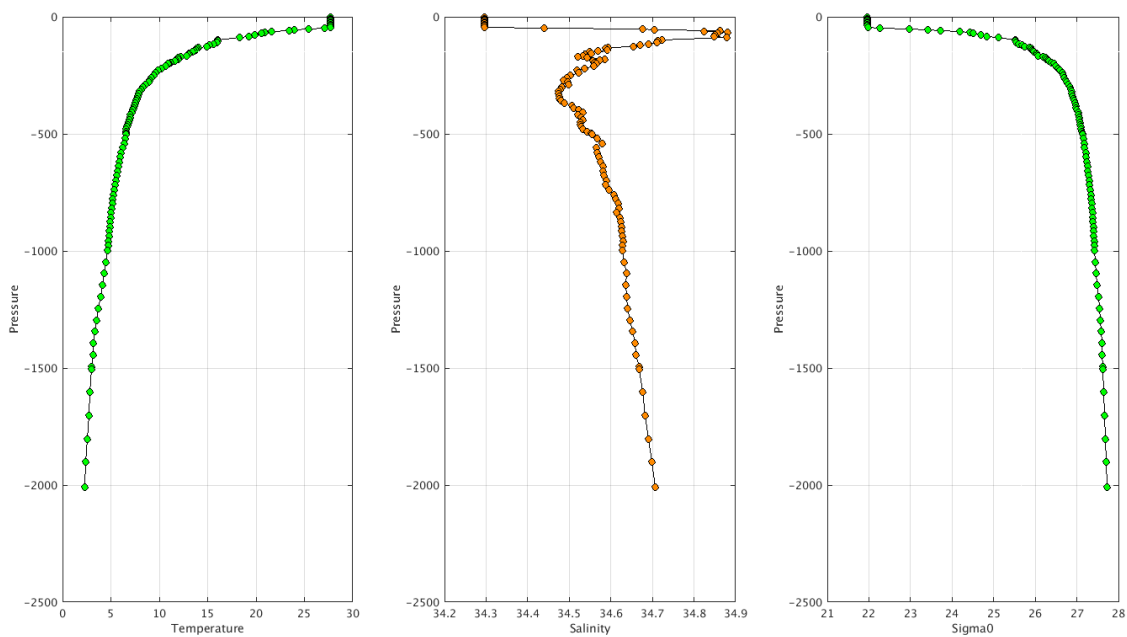
HZ,2902600,165,18/03/2019 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=63517799> ,PSAL\_ADJUSTED,1,1983,1,3,Primary sampling  
 HZ,2902600,166,28/03/2019 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=63606237> ,PSAL,1,1978,1,3,Primary sampling  
 HZ,2902600,166,28/03/2019 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=63606237> ,PSAL\_ADJUSTED,1,1978,1,3,Primary sampling  
 HZ,2902609,164,17/03/2019 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=63513127> ,PSAL,1,1985,1,3,Primary sampling  
 HZ,2902609,164,17/03/2019 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=63513127> ,PSAL\_ADJUSTED,1,1985,1,3,Primary sampling  
 HZ,2902609,165,27/03/2019 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=63594291> ,PSAL,1,1982,1,3,Primary sampling  
 HZ,2902609,165,27/03/2019 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=63594291> ,PSAL\_ADJUSTED,1,1982,1,3,Primary sampling  
 HZ,2902715,84,07/03/2019 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=63272613> ,PSAL,2.8,2007.3,1,3,Primary sampling  
 HZ,2902715,84,07/03/2019 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=63272613> ,PSAL\_ADJUSTED,2.8,2007.3,1,3,Primary sampling  
 HZ,2902715,85,12/03/2019 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=63474316> ,PSAL,3.1,2007.2,1,3,Primary sampling  
 HZ,2902715,85,12/03/2019 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=63474316> ,PSAL\_ADJUSTED,3.1,2007.2,1,3,Primary sampling  
 HZ,2902715,86,02/03/2019 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=63385265> ,PSAL,2.6,2007.4,1,3,Primary sampling  
 HZ,2902715,86,02/03/2019 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=63385265> ,PSAL\_ADJUSTED,2.6,2007.4,1,3,Primary sampling  
 HZ,2902715,86,17/03/2019 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=63385265> ,PSAL,3.4,2007.8,1,3,Primary sampling  
 HZ,2902715,86,17/03/2019 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=63385265> ,PSAL\_ADJUSTED,3.4,2007.8,1,3,Primary sampling

Example of corrections:

Warning Objective Analysis Anomalies 2019 March TEMP PSAL : DAC HZ- Float 2902609 - 164



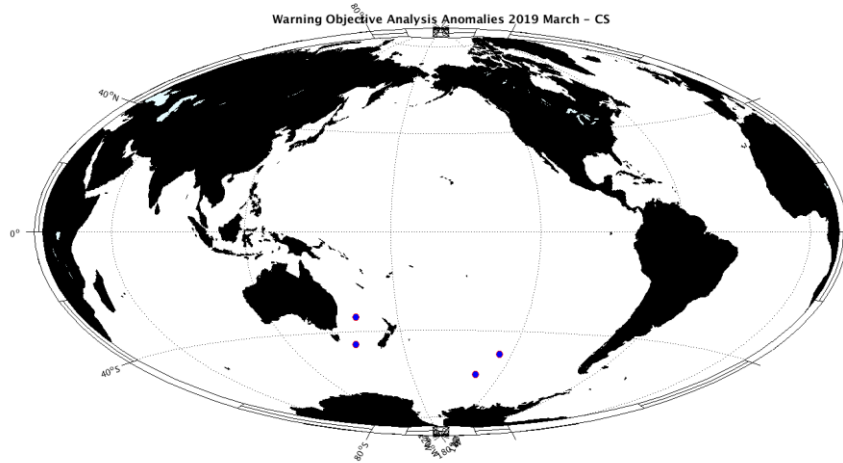
Warning Objective Analysis Anomalies 2019 March TEMP PSAL : DAC HZ- Float 2902715 - 85



4. DAC CSIRO

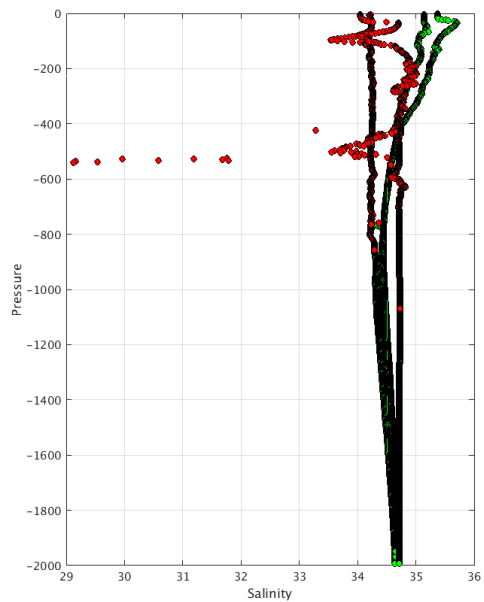
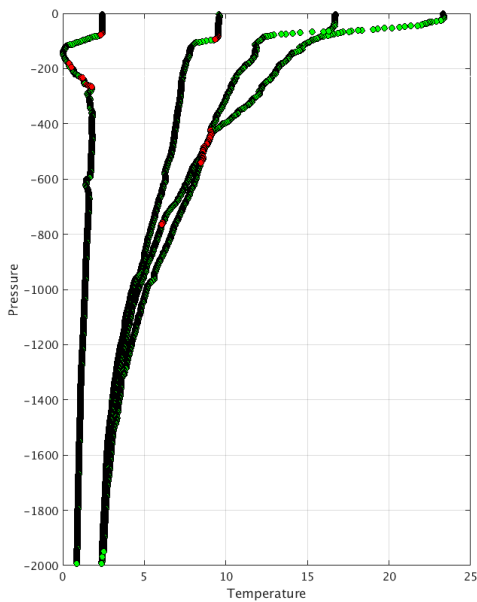
Profiles detected by the objective analysis: 4 profiles (4 floats – float can have several cycles with anomalies)

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



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

- Float : 5904920 - Cycle : 155 - PI : Susan Wijffels - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7054 - Date : 2019 3 23
- Float : 5905193 - Cycle : 79 - PI : Susan Wijffels - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7405 - Date : 2019 3 28
- Float : 5905398 - Cycle : 36 - PI : Peter Oke - Data mode : A - Platform type : NAVIS\_EBR - WMO inst type : 869 - FLOAT SERIAL : 902 - Date : 2019 3 24
- Float : 7900619 - Cycle : 107 - PI : Steve Rintoul - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7740 - Date : 2019 3 11

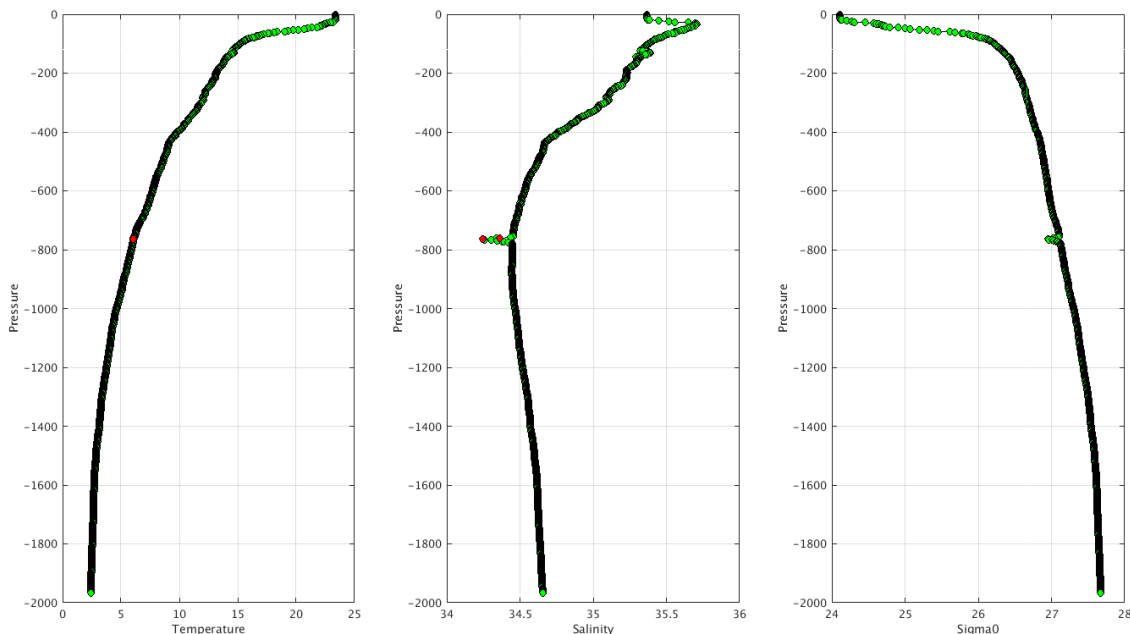


DAC\_CODE,PLATFORM\_CODE,CV\_NUMBER,DATE\_UPDATE,DIRECTION,WEB\_URL,PARAMETER,START\_IMMERSION,STOP\_IMMERSION,OLD\_QC,NEW\_QC,VERTICAL\_SAMPLING\_SCHEME  
 HZ,2902600,163,26/02/2019 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=63321186 ,PSAL,1,1979,1,3,Primary sampling  
 HZ,2902600,163,26/02/2019 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=63321186 ,PSAL\_ADJUSTED,1,1979,1,3,Primary sampling  
 HZ,2902600,164,08/03/2019 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=63437612 ,PSAL,1,1981,1,3,Primary sampling  
 HZ,2902600,164,08/03/2019 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=63437612 ,PSAL\_ADJUSTED,1,1981,1,3,Primary sampling  
 HZ,2902600,165,18/03/2019 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=63517799 ,PSAL,1,1983,1,3,Primary sampling  
 HZ,2902600,165,18/03/2019 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=63517799 ,PSAL\_ADJUSTED,1,1983,1,3,Primary sampling  
 HZ,2902600,166,28/03/2019 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=63606237 ,PSAL,1,1978,1,3,Primary sampling  
 HZ,2902600,166,28/03/2019 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=63606237 ,PSAL\_ADJUSTED,1,1978,1,3,Primary sampling

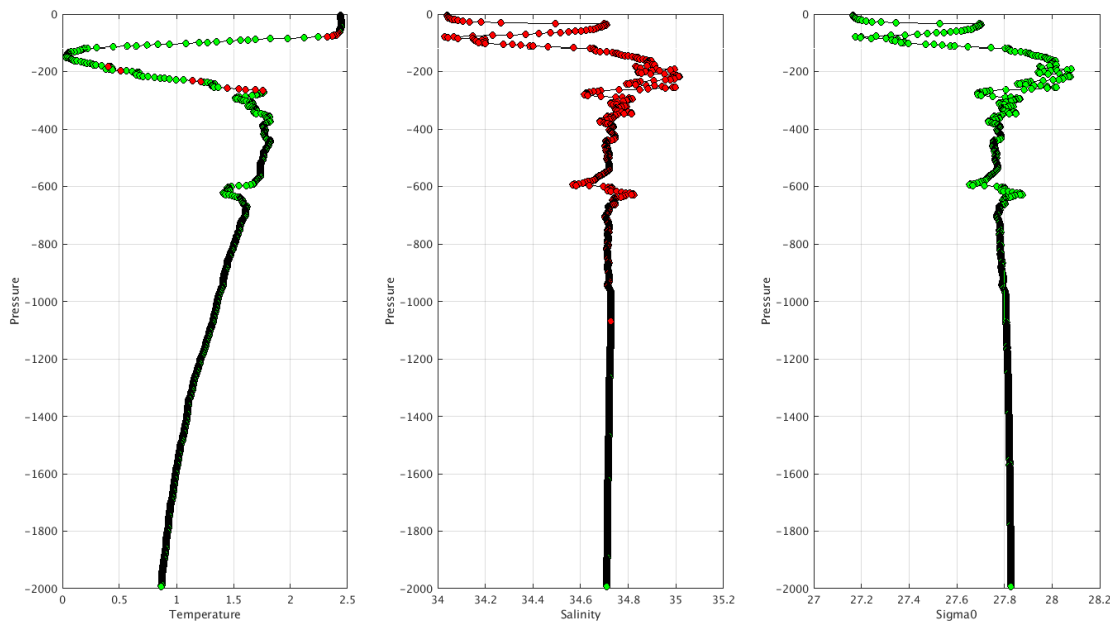
HZ,2902609,164,17/03/2019 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=63513127> ,PSAL,1,1985,1,3,Primary sampling  
 HZ,2902609,164,17/03/2019 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=63513127> ,PSAL\_ADJUSTED,1,1985,1,3,Primary sampling  
 HZ,2902609,165,27/03/2019 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=63594291> ,PSAL,1,1982,1,3,Primary sampling  
 HZ,2902609,165,27/03/2019 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=63594291> ,PSAL\_ADJUSTED,1,1982,1,3,Primary sampling  
 HZ,2902715,84,07/03/2019 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=63272613> ,PSAL,2.8,2007.3,1,3,Primary sampling  
 HZ,2902715,84,07/03/2019 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=63272613> ,PSAL\_ADJUSTED,2.8,2007.3,1,3,Primary sampling  
 HZ,2902715,85,12/03/2019 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=63474316> ,PSAL,3.1,2007.2,1,3,Primary sampling  
 HZ,2902715,85,12/03/2019 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=63474316> ,PSAL\_ADJUSTED,3.1,2007.2,1,3,Primary sampling  
 HZ,2902715,86,02/03/2019 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=63385265> ,PSAL,2.6,2007.4,1,3,Primary sampling  
 HZ,2902715,86,02/03/2019 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=63385265> ,PSAL\_ADJUSTED,2.6,2007.4,1,3,Primary sampling  
 HZ,2902715,86,17/03/2019 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=63385265> ,PSAL,3.4,2007.8,1,3,Primary sampling  
 HZ,2902715,86,17/03/2019 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=63385265> ,PSAL\_ADJUSTED,3.4,2007.8,1,3,Primary sampling

Example of corrections:

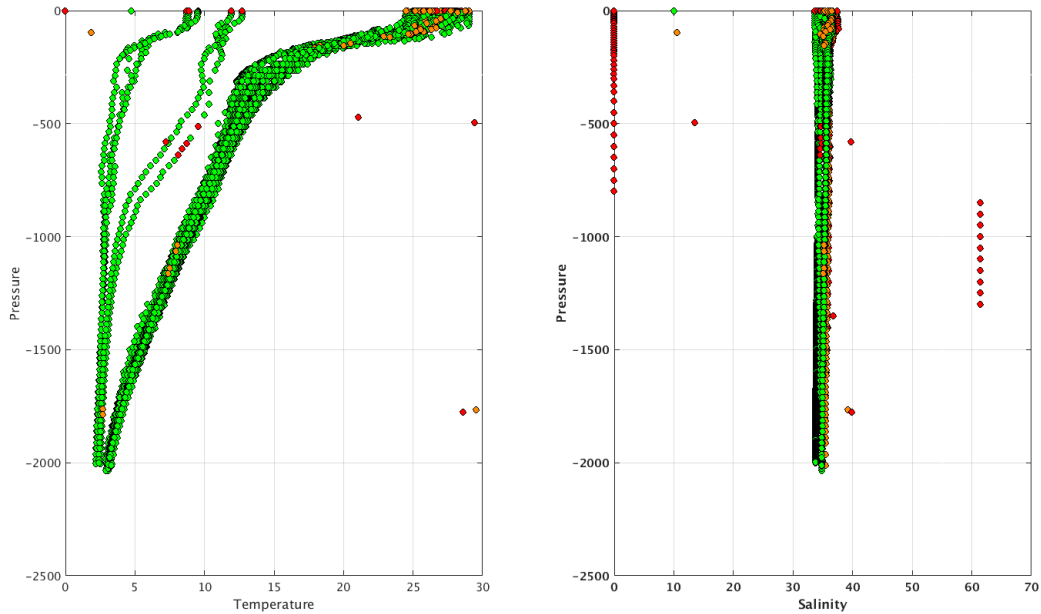
Warning Objective Analysis Anomalies 2019 March TEMP PSAL : DAC CS - Float 5905193 - 79



Warning Objective Analysis Anomalies 2019 March TEMP PSAL : DAC CS - Float 7900619 - 107







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

IN,2902175,304,05/03/2019 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=63215751> ,PSAL,5.59,2000.98,3,4,Secondary sampling

IN,2902175,304,05/03/2019 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=63215751> ,PSAL\_ADJUSTED,5.59,2000.98,3,4,Secondary sampling

IN,2902175,304,05/03/2019 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=63215751> ,TEMP,2000.98,2000.98,1,3,Secondary sampling

IN,2902175,304,05/03/2019 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=63215751> ,TEMP\_ADJUSTED,2000.98,2000.98,1,3,Secondary sampling

IN,2902175,306,10/03/2019 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=63448814> ,PSAL,4.2,1996.1,3,4,Primary sampling

IN,2902175,306,10/03/2019 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=63448814> ,PSAL\_ADJUSTED,4.2,1996.1,3,4,Primary sampling

IN,2902175,306,10/03/2019 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=63448815> ,PSAL,5.64,2000.24,3,4,Secondary sampling

IN,2902175,306,10/03/2019 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=63448815> ,PSAL\_ADJUSTED,5.64,2000.24,3,4,Secondary sampling

IN,2902175,306,10/03/2019 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=63448815> ,TEMP,2000.24,2000.24,1,3,Secondary sampling

IN,2902175,306,10/03/2019 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=63448815> ,TEMP\_ADJUSTED,2000.24,2000.24,1,3,Secondary sampling

IN,2902175,306,21/03/2019 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=63448815> ,PSAL,5.64,2000.24,3,4,Secondary sampling

IN,2902175,306,21/03/2019 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=63448815> ,PSAL\_ADJUSTED,5.64,2000.24,3,4,Secondary sampling

IN,2902175,307,20/03/2019 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=63535470> ,PSAL,4.1,1974.1,1,4,Primary sampling

IN,2902175,307,20/03/2019 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=63535470> ,PSAL\_ADJUSTED,4.1,1974.1,1,4,Primary sampling

IN,2902206,109,01/03/2019 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=63349448> ,PSAL,4.4,1999.8,3,4,Primary sampling

IN,2902206,109,01/03/2019 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=63349448> ,PSAL\_ADJUSTED,4.4,1999.8,3,4,Primary sampling

IN,2902206,110,11/03/2019 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=63440106> ,PSAL,1349.9,1900.4,3,4,Primary sampling

IN,2902206,110,11/03/2019 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=63440106> ,PSAL\_ADJUSTED,1349.9,1900.4,3,4,Primary sampling

IN,2902206,111,19/03/2019 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=63522010> ,PSAL\_ADJUSTED,10.3,1200.4,1,3,Primary sampling

IN,2902206,111,19/03/2019 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=63522010> ,PSAL\_ADJUSTED,1398.9,1899.9,1,3,Primary sampling

IN,2902206,111,21/03/2019 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=63522010> ,PSAL,10.3,1200.4,1,3,Primary sampling

IN,2902206,111,21/03/2019 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=63522010> ,PSAL,1398.9,1899.9,1,3,Primary sampling

IN,2902206,111,21/03/2019 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=63522010> ,PSAL\_ADJUSTED,10.3,1200.4,1,3,Primary sampling

IN,2902206,111,21/03/2019 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=63522010> ,PSAL\_ADJUSTED,1398.9,1899.9,1,3,Primary sampling

IN,2902209,92,10/03/2019 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=63451887> ,PSAL,500.01,2002.19,1,3,Secondary sampling

IN,2902209,92,10/03/2019 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=63451887> ,PSAL\_ADJUSTED,500.01,2002.19,1,3,Secondary sampling

IN,2902209,93,20/03/2019 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=63538396> ,PSAL,499.52,1899.53,1,3,Secondary sampling

IN,2902209,93,20/03/2019 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=63538396> ,PSAL\_ADJUSTED,499.52,1899.53,1,3,Secondary sampling

IN,2902246,44,07/03/2019 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=63419005> ,TEMP,0,0,1,4,Primary sampling

IN,2902246,44,07/03/2019 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=63419005> ,TEMP\_ADJUSTED,0,0,1,4,Primary sampling

IN,2902246,44,09/03/2019 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=63419005> ,TEMP,0,0,1,4,Primary sampling

IN,2902246,44,09/03/2019 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=63419005> ,TEMP\_ADJUSTED,0,0,1,4,Primary sampling

IN,2902246,45,17/03/2019 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=63512565> ,TEMP,0,0,1,4,Primary sampling

IN,2902246,45,17/03/2019 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=63512565> ,TEMP\_ADJUSTED,0,0,1,4,Primary sampling

IN,2902246,45,19/03/2019 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=63512565> ,TEMP,0,0,1,4,Primary sampling

IN,2902246,45,19/03/2019 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=63512565> ,TEMP\_ADJUSTED,0,0,1,4,Primary sampling

IN,2902250,39,24/02/2019 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=63592701> ,TEMP,0,0,1,4,Primary sampling

IN,2902250,39,24/02/2019 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=63592701> ,TEMP\_ADJUSTED,0,0,1,4,Primary sampling

IN,2902250,39,24/02/2019 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=63331099> ,PRES,0,0,1,4,Primary sampling

IN,2902250,39,24/02/2019 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=63331099> ,PRES\_ADJUSTED,0,0,1,4,Primary sampling

IN,2902250,39,24/02/2019 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=63331099> ,PSAL,1,1,3,1,Primary sampling

IN,2902250,39,24/02/2019 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=63331099> ,PSAL,1763,1767,3,1,Primary sampling

IN,2902250,39,24/02/2019 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=63331099> ,PSAL,1788,1788,3,1,Primary sampling

IN,2902250,39,24/02/2019 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=63331099> ,PSAL,472,638,9, ,Primary sampling

IN,2902250,39,24/02/2019 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=63331099> ,PSAL\_ADJUSTED,0,0,9, ,Primary sampling

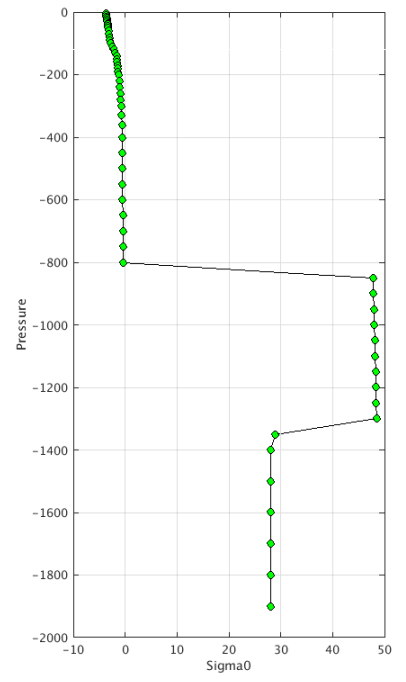
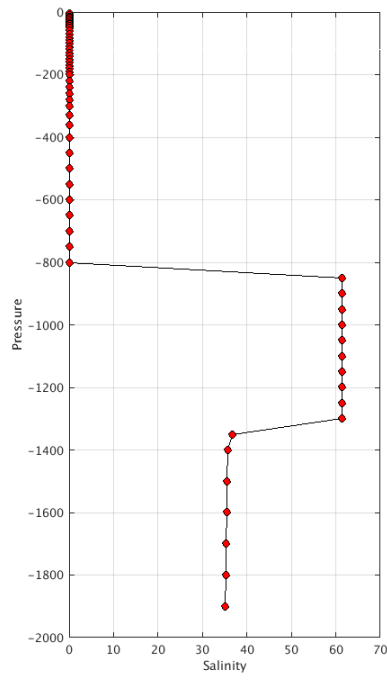
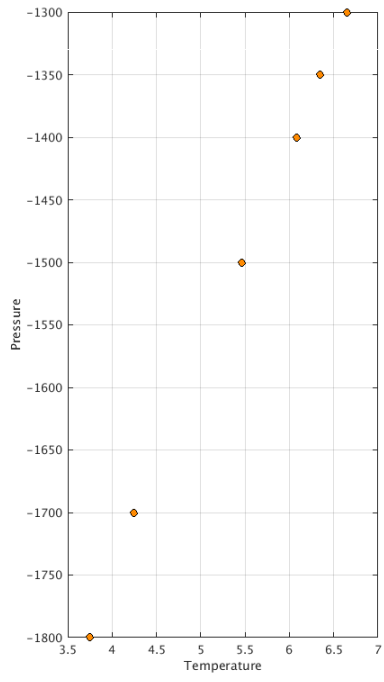
IN,2902250,39,24/02/2019 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=63331099> ,PSAL\_ADJUSTED,1,1,3,1,Primary sampling



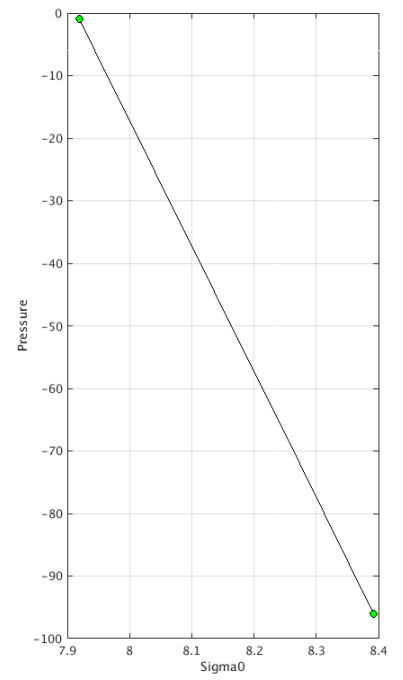
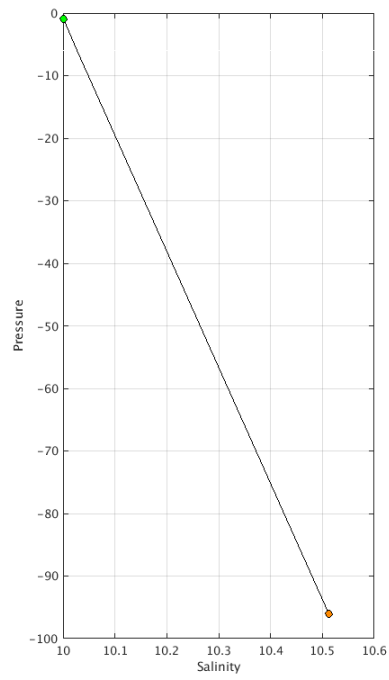
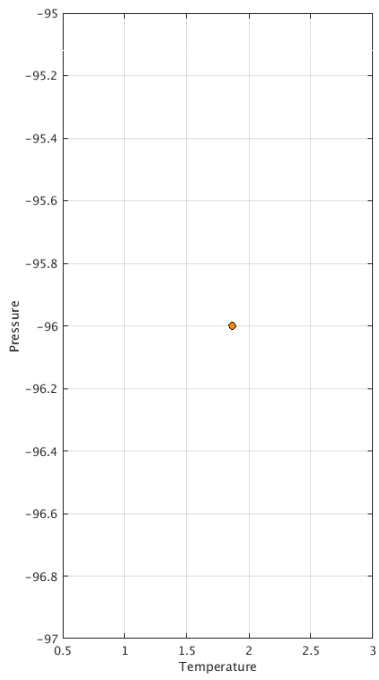




Warning Objective Analysis Anomalies 2019 March TEMP PSAL : DAC IN- Float 2902206 - 110



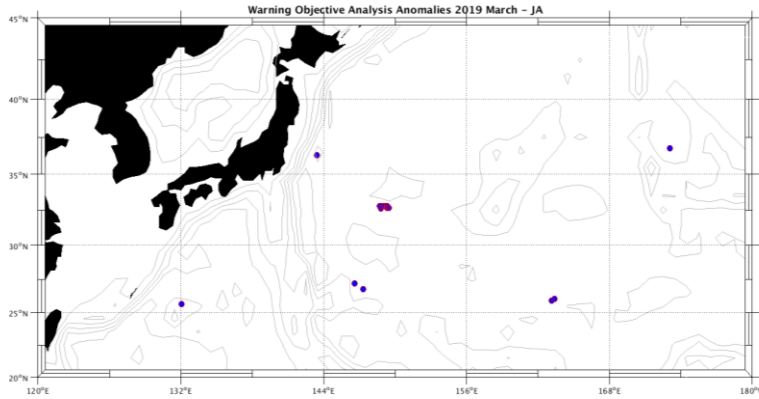
Warning Objective Analysis Anomalies 2019 March TEMP PSAL : DAC IN- Float 2902258 - 135



6. DAC JMA/JAMSTEC

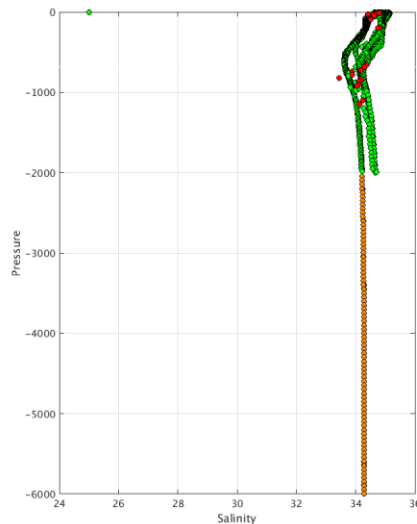
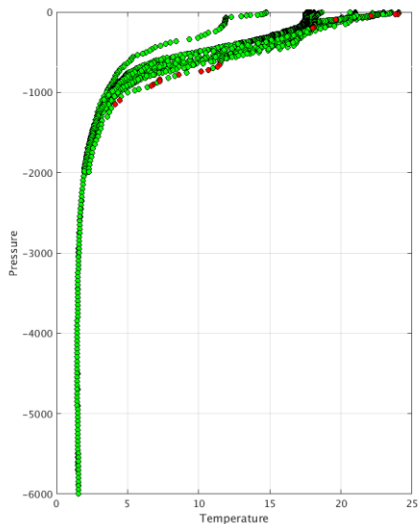
Profiles detected by the objective analysis: 14 profiles (6 floats – float can have several cycles with anomalies)

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



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

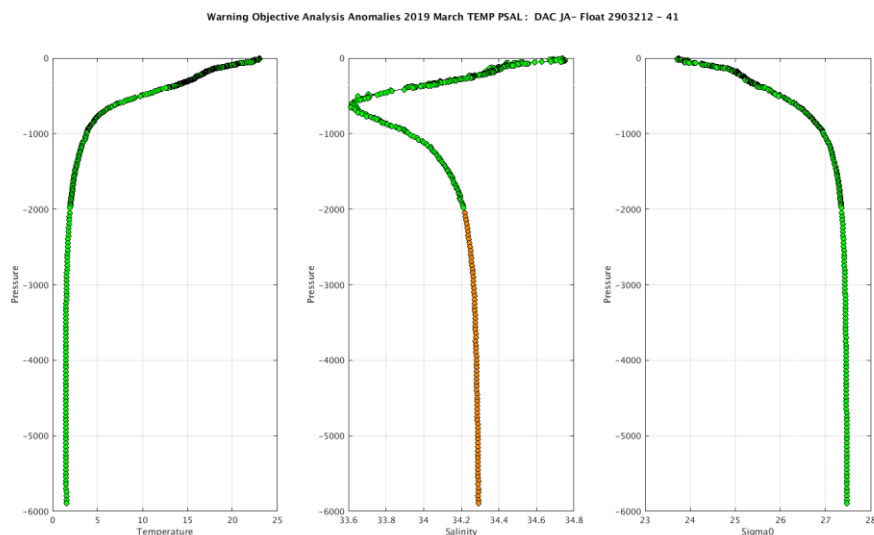
- Float : 2902995 - Cycle : 93 - PI : JMA - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : OIN-15JAP-ARL-21 - Date : 2019 3 16
- Float : 2902995 - Cycle : 95 - PI : JMA - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : OIN-15JAP-ARL-21 - Date : 2019 3 26
- Float : 2903188 - Cycle : 144 - PI : JMA - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : AK - Date : 2019 2 24
- Float : 2903188 - Cycle : 145 - PI : JMA - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : AK - Date : 2019 3 1
- Float : 2903188 - Cycle : 146 - PI : JMA - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : AK - Date : 2019 3 6
- Float : 2903188 - Cycle : 147 - PI : JMA - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : AK - Date : 2019 3 11
- Float : 2903188 - Cycle : 148 - PI : JMA - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : AK - Date : 2019 3 16
- Float : 2903188 - Cycle : 149 - PI : JMA - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : AK - Date : 2019 3 21
- Float : 2903188 - Cycle : 150 - PI : JMA - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : AK - Date : 2019 3 26
- Float : 2903203 - Cycle : 114 - PI : JMA - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : AK - Date : 2019 3 24
- Float : 2903212 - Cycle : 41 - PI : JAMSTEC - Data mode : R - Platform type : APEX\_D - WMO inst type : 849 - FLOAT SERIAL : 29 - Date : 2019 3 1
- Float : 2903212 - Cycle : 42 - PI : JAMSTEC - Data mode : R - Platform type : APEX\_D - WMO inst type : 849 - FLOAT SERIAL : 29 - Date : 2019 3 16
- Float : 2903222 - Cycle : 34 - PI : JMA - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : AK1000-17JP008 - Date : 2019 3 20
- Float : 2903326 - Cycle : 19 - PI : JMA - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : AK1000-17JP012 - Date : 2019 3 4



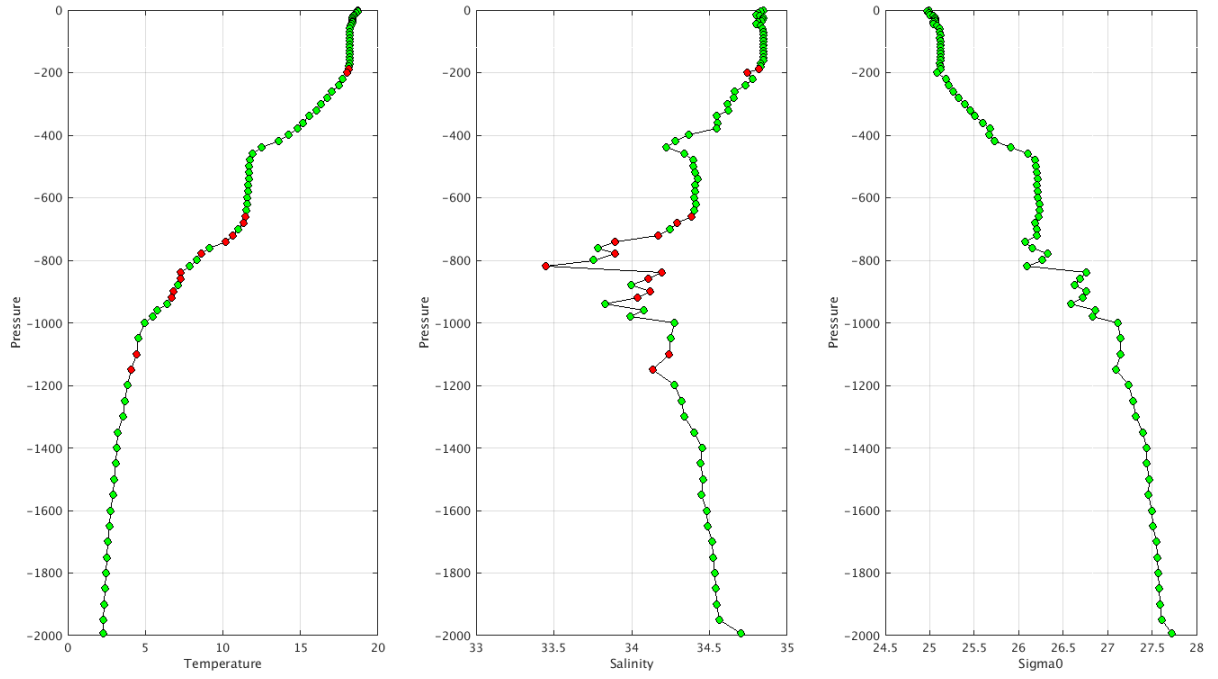
DAC\_CODE,PLATFORM\_CODE,CV\_NUMBER,DATE\_UPDATE,DIRECTION,WEB\_URL,PARAMETER,START\_IMMERSION,STOP\_IMMERSION,OLD\_QC,NEW\_QC,VERTICAL\_SAMPLING\_SCHEME  
 JA,2902995,93,16/03/2019 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=63508813> ,PSAL,,7,2000.7,1,3,Primary sampling  
 JA,2902995,93,20/03/2019 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=63508813> ,PSAL,,7,2000.7,1,3,Primary sampling  
 JA,2902995,95,27/03/2019 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=63590013> ,PSAL,1.8,2000.6,1,3,Primary sampling

JA,2903188,144,28/02/2019 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=63268828 ,PSAL,,8,1999.4,1,3,Primary sampling  
 JA,2903188,145,01/03/2019 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=63372190 ,PSAL,,3,1999,1,3,Primary sampling  
 JA,2903188,145,05/03/2019 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=63372190 ,PSAL,,3,1999,1,3,Primary sampling  
 JA,2903188,146,06/03/2019 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=63416486 ,PSAL,,4,1999.5,1,3,Primary sampling  
 JA,2903188,146,10/03/2019 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=63416486 ,PSAL,,4,1999.5,1,3,Primary sampling  
 JA,2903188,147,11/03/2019 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=63458854 ,PSAL,1.5,1999,1,3,Primary sampling  
 JA,2903188,147,15/03/2019 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=63458854 ,PSAL,1.5,1999,1,3,Primary sampling  
 JA,2903188,148,16/03/2019 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=63508822 ,PSAL,,5,1999.4,1,3,Primary sampling  
 JA,2903188,148,20/03/2019 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=63508822 ,PSAL,,5,1999.4,1,3,Primary sampling  
 JA,2903188,149,21/03/2019 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=63550530 ,PSAL,,6,1999.6,1,3,Primary sampling  
 JA,2903188,149,25/03/2019 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=63550530 ,PSAL,,6,1999.6,1,3,Primary sampling  
 JA,2903188,150,27/03/2019 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=63590017 ,PSAL,1.2,1999.4,1,3,Primary sampling  
 JA,2903203,114,28/03/2019 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=63570203 ,PSAL,,1,1998.2,1,3,Primary sampling  
 JA,2903212,41,02/03/2019 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=63374746 ,PSAL,2049.6,5890.5,3,4,Primary sampling  
 JA,2903212,41,02/03/2019 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=63374746 ,PSAL,7.2,1979.5,1,4,Primary sampling  
 JA,2903212,42,17/03/2019 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=63512497 ,PSAL,31.6,43.1,1,4,Primary sampling  
 JA,2903212,42,17/03/2019 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=63512497 ,PSAL,47.2,93.2,1,4,Primary sampling  
 JA,2903212,42,17/03/2019 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=63512497 ,PSAL,7.4,21.2,1,4,Primary sampling  
 JA,2903212,42,17/03/2019 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=63512497 ,PSAL,97.2,599.7,3,4,Primary sampling  
 JA,2903222,34,20/03/2019 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=63538433 ,PSAL,,8,180.3,1,3,Primary sampling  
 JA,2903222,34,20/03/2019 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=63538433 ,PSAL,1199.3,1992.3,1,3,Primary sampling  
 JA,2903222,34,20/03/2019 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=63538433 ,PSAL,219.6,639.8,1,3,Primary sampling  
 JA,2903222,34,20/03/2019 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=63538433 ,PSAL,699.9,699.9,1,3,Primary sampling  
 JA,2903222,34,20/03/2019 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=63538433 ,PSAL,759.8,759.8,1,3,Primary sampling  
 JA,2903222,34,20/03/2019 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=63538433 ,PSAL,800,800,1,3,Primary sampling  
 JA,2903222,34,20/03/2019 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=63538433 ,PSAL,880,1,880.1,1,3,Primary sampling  
 JA,2903222,34,20/03/2019 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=63538433 ,PSAL,939.9,1049.9,1,3,Primary sampling  
 JA,2903222,34,24/03/2019 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=63538433 ,PSAL,,8,180.3,1,4,Primary sampling  
 JA,2903222,34,24/03/2019 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=63538433 ,PSAL,1199.3,1992.3,1,4,Primary sampling  
 JA,2903222,34,24/03/2019 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=63538433 ,PSAL,219.6,639.8,1,4,Primary sampling  
 JA,2903222,34,24/03/2019 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=63538433 ,PSAL,699.9,699.9,1,4,Primary sampling  
 JA,2903222,34,24/03/2019 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=63538433 ,PSAL,759.8,759.8,1,4,Primary sampling  
 JA,2903222,34,24/03/2019 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=63538433 ,PSAL,800,800,1,4,Primary sampling  
 JA,2903222,34,24/03/2019 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=63538433 ,PSAL,880,1,880.1,1,4,Primary sampling  
 JA,2903222,34,24/03/2019 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=63538433 ,PSAL,939.9,1049.9,1,4,Primary sampling  
 JA,2903222,34,24/03/2019 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=63538433 ,TEMP,1099.6,1149.5,4,1,Primary sampling  
 JA,2903222,34,24/03/2019 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=63538433 ,TEMP,189.1,200.2,4,1,Primary sampling  
 JA,2903222,34,24/03/2019 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=63538433 ,TEMP,660.2,680.4,4,1,Primary sampling  
 JA,2903222,34,24/03/2019 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=63538433 ,TEMP,720.4,739.8,4,1,Primary sampling  
 JA,2903222,34,24/03/2019 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=63538433 ,TEMP,779.5,779.5,4,1,Primary sampling  
 JA,2903222,34,24/03/2019 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=63538433 ,TEMP,839.5,859.8,4,1,Primary sampling  
 JA,2903222,34,24/03/2019 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=63538433 ,TEMP,900.3,919.9,4,1,Primary sampling  
 JA,2903326,19,04/03/2019 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=63394015 ,PSAL,0,0,1,4,Primary sampling  
 JA,2903326,19,04/03/2019 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=63394015 ,TEMP,0,0,1,4,Primary sampling  
 JA,2903326,19,08/03/2019 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=63394015 ,PSAL,0,0,1,4,Primary sampling

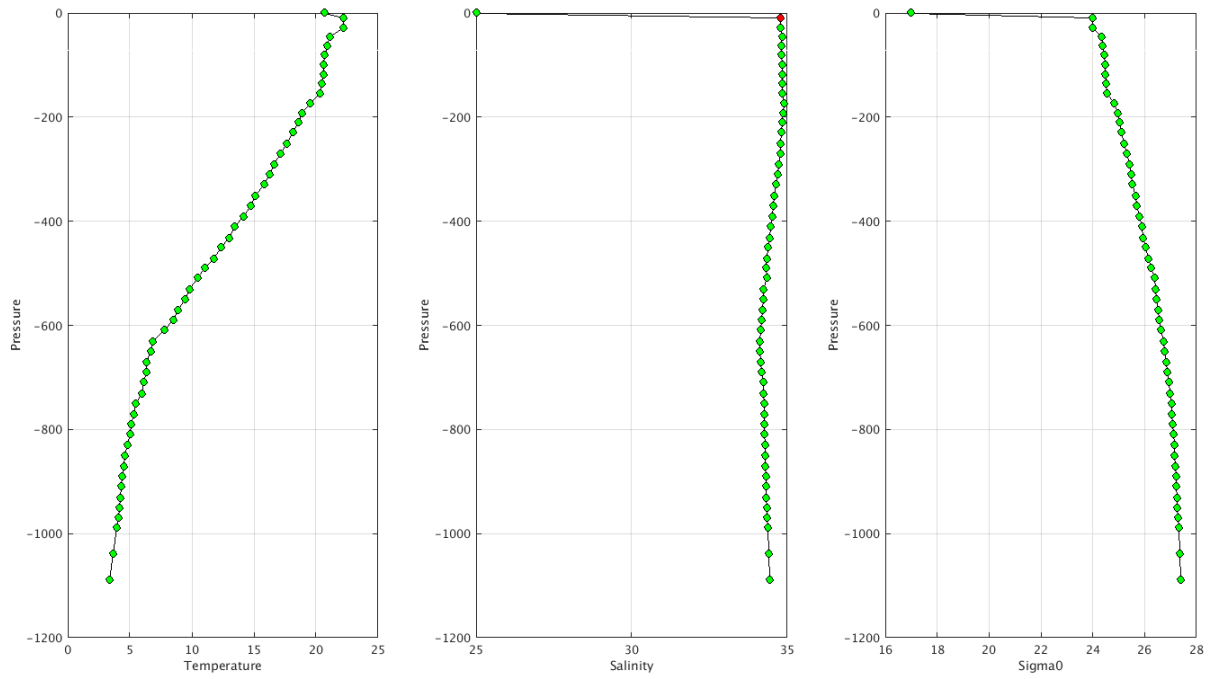
Example of anomalies:



Warning Objective Analysis Anomalies 2019 March TEMP PSAL : DAC JA- Float 2903222 - 34



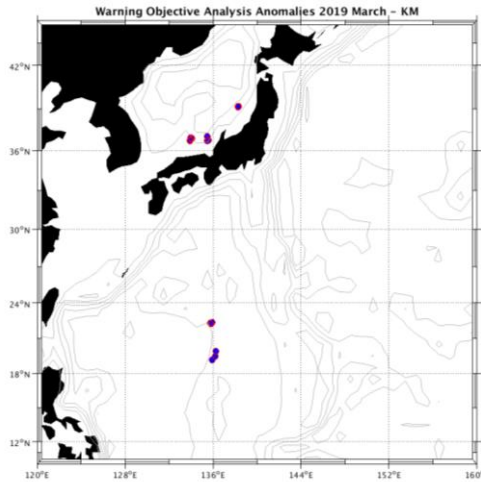
Warning Objective Analysis Anomalies 2019 March TEMP PSAL : DAC JA- Float 2903326 - 19



7. DAC KMA

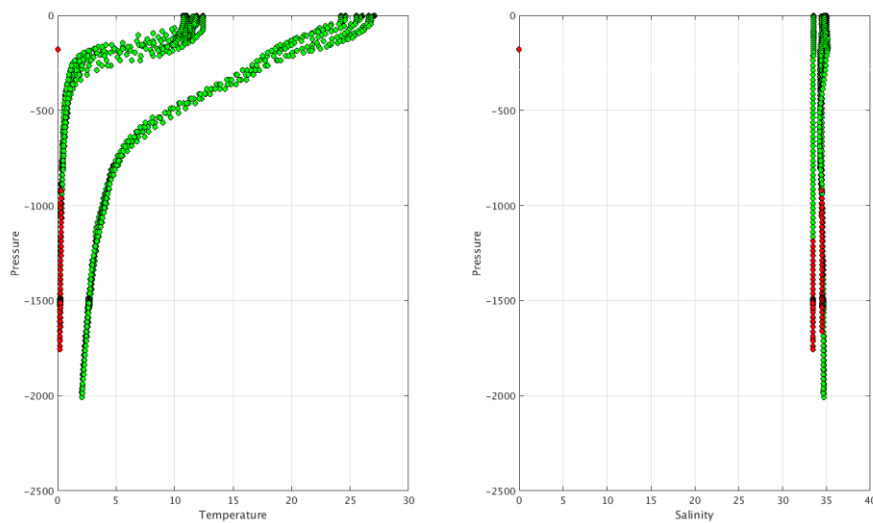
Profiles detected by the objective analysis: 17 profiles (5 floats – float can have several cycles with anomalies)

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



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

- Float : 2901744 - Cycle : 197 - PI : ByungHwan Lim - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : n/a - Date : 2019 2 28
- Float : 2901744 - Cycle : 198 - PI : ByungHwan Lim - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : n/a - Date : 2019 3 7
- Float : 2901744 - Cycle : 199 - PI : ByungHwan Lim - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : n/a - Date : 2019 3 14
- Float : 2901744 - Cycle : 200 - PI : ByungHwan Lim - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : n/a - Date : 2019 3 21
- Float : 2901744 - Cycle : 201 - PI : ByungHwan Lim - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : n/a - Date : 2019 3 28
- Float : 2901758 - Cycle : 86 - PI : Jaeyoung Byon - Data mode : R - Platform type : ARVOR - WMO inst type : 846 - FLOAT SERIAL : n/a - Date : 2019 3 7
- Float : 2901758 - Cycle : 87 - PI : Jaeyoung Byon - Data mode : R - Platform type : ARVOR - WMO inst type : 846 - FLOAT SERIAL : n/a - Date : 2019 3 17
- Float : 2901758 - Cycle : 88 - PI : Jaeyoung Byon - Data mode : R - Platform type : ARVOR - WMO inst type : 846 - FLOAT SERIAL : n/a - Date : 2019 3 27
- Float : 2901759 - Cycle : 95 - PI : Jaeyoung Byon - Data mode : R - Platform type : ARVOR - WMO inst type : 846 - FLOAT SERIAL : n/a - Date : 2019 3 7
- Float : 2901759 - Cycle : 96 - PI : Jaeyoung Byon - Data mode : R - Platform type : ARVOR - WMO inst type : 846 - FLOAT SERIAL : n/a - Date : 2019 3 17
- Float : 2901759 - Cycle : 97 - PI : Jaeyoung Byon - Data mode : R - Platform type : ARVOR - WMO inst type : 846 - FLOAT SERIAL : n/a - Date : 2019 3 27
- Float : 2901760 - Cycle : 95 - PI : Jaeyoung Byon - Data mode : R - Platform type : ARVOR - WMO inst type : 846 - FLOAT SERIAL : n/a - Date : 2019 3 8
- Float : 2901760 - Cycle : 96 - PI : Jaeyoung Byon - Data mode : R - Platform type : ARVOR - WMO inst type : 846 - FLOAT SERIAL : n/a - Date : 2019 3 18
- Float : 2901760 - Cycle : 97 - PI : Jaeyoung Byon - Data mode : R - Platform type : ARVOR - WMO inst type : 846 - FLOAT SERIAL : n/a - Date : 2019 3 28
- Float : 2901765 - Cycle : 94 - PI : Jaeyoung Byon - Data mode : R - Platform type : ARVOR - WMO inst type : 846 - FLOAT SERIAL : n/a - Date : 2019 2 27
- Float : 2901765 - Cycle : 95 - PI : Jaeyoung Byon - Data mode : R - Platform type : ARVOR - WMO inst type : 846 - FLOAT SERIAL : n/a - Date : 2019 3 9
- Float : 2901765 - Cycle : 96 - PI : Jaeyoung Byon - Data mode : R - Platform type : ARVOR - WMO inst type : 846 - FLOAT SERIAL : n/a - Date : 2019 3 19



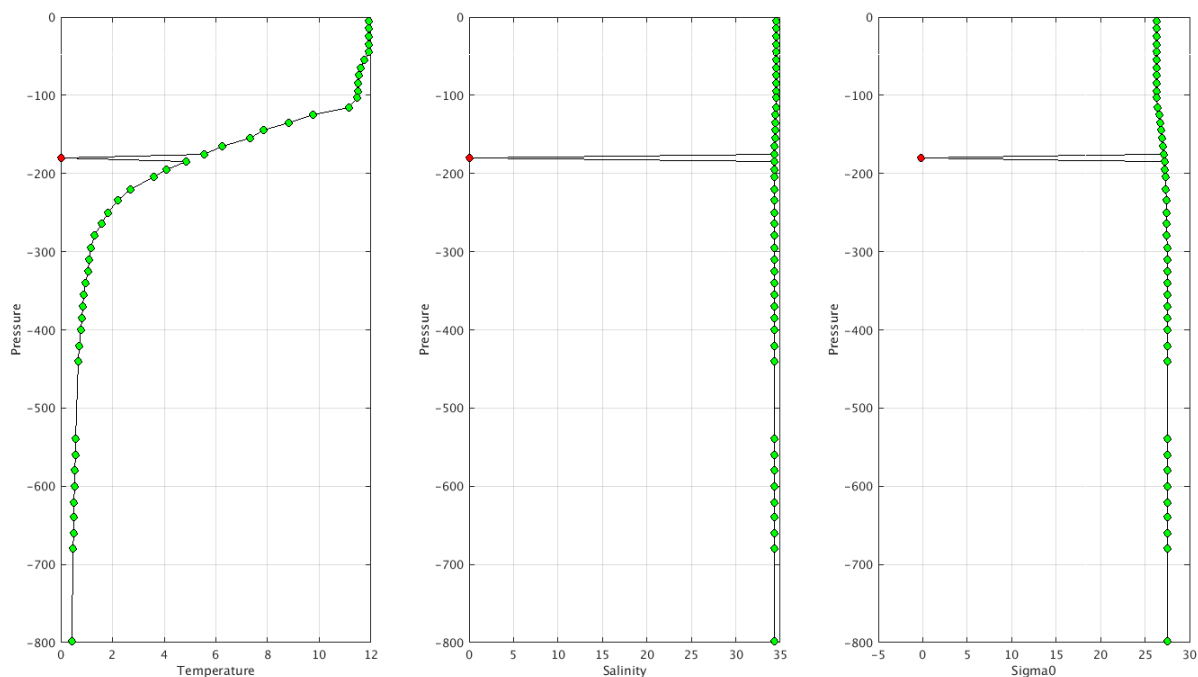


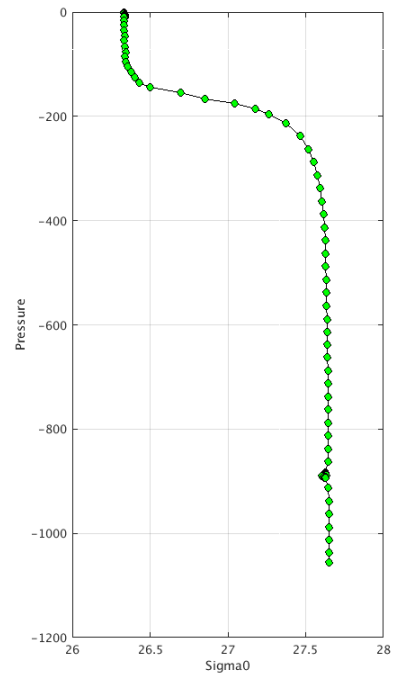
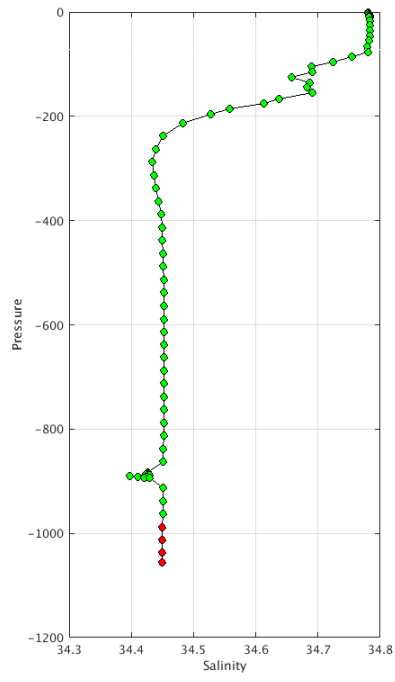
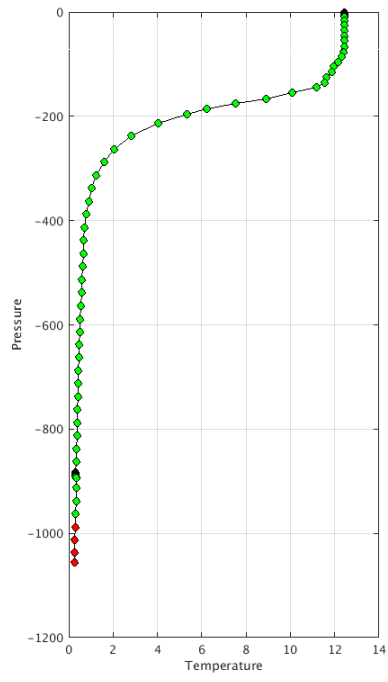
DAC\_CODE,PLATFORM\_CODE,CV\_NUMBER,DATE\_UPDATE,DIRECTION,WEB\_URL,PARAMETER,START\_IMMERSION,STOP\_IMMERSION,OLD\_QC,NEW\_QC,VERTICAL\_SAMPLING\_SCHEME

KM,2901744,197,28/02/2019 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=63344878 ,PSAL,5.5,804.5,1,3,Primary sampling  
KM,2901744,197,28/02/2019 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=63344878 ,PSAL\_ADJUSTED,5.5,804.5,1,3,Primary sampling  
KM,2901744,198,07/03/2019 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=63429073 ,PSAL,5,806.6,1,3,Primary sampling  
KM,2901744,198,07/03/2019 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=63429073 ,PSAL\_ADJUSTED,5,806.6,1,3,Primary sampling  
KM,2901744,199,14/03/2019 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=63490220 ,PSAL,185.2,798.2,1,3,Primary sampling  
KM,2901744,199,14/03/2019 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=63490220 ,PSAL,5.2,175.4,1,3,Primary sampling  
KM,2901744,199,14/03/2019 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=63490220 ,PSAL\_ADJUSTED,185.2,798.2,1,3,Primary sampling  
KM,2901744,199,14/03/2019 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=63490220 ,PSAL\_ADJUSTED,5.2,175.4,1,3,Primary sampling  
KM,2901744,200,21/03/2019 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=63550540 ,PSAL,14.8,809.1,1,3,Primary sampling  
KM,2901744,200,21/03/2019 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=63550540 ,PSAL\_ADJUSTED,14.8,809.1,1,3,Primary sampling  
KM,2901744,201,28/03/2019 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=63606195 ,PSAL,65.2,808.2,1,3,Primary sampling  
KM,2901758,86,08/03/2019 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=63432531 ,PSAL,1,963,1,4,Primary sampling  
KM,2901758,86,08/03/2019 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=63432531 ,TEMP,988,1055,4,1,Primary sampling  
KM,2901758,87,18/03/2019 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=63517488 ,PSAL,1,913,1,4,Primary sampling  
KM,2901758,87,18/03/2019 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=63517488 ,PSAL,922,938,1,4,Primary sampling  
KM,2901758,88,28/03/2019 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=63596536 ,PSAL,1,1013,1,4,Primary sampling  
KM,2901758,88,28/03/2019 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=63596536 ,TEMP,1038,1660,4,1,Primary sampling  
KM,2901759,95,08/03/2019 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=63432533 ,PSAL,1,1188,1,4,Primary sampling  
KM,2901759,95,08/03/2019 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=63432533 ,TEMP,1213,1702,4,1,Primary sampling  
KM,2901759,96,18/03/2019 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=63517490 ,PSAL,1,1163,1,4,Primary sampling  
KM,2901759,97,28/03/2019 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=63596539 ,PSAL,1,1188,1,4,Primary sampling  
KM,2901759,97,28/03/2019 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=63596539 ,TEMP,1213,1611,4,1,Primary sampling  
KM,2901760,95,09/03/2019 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=63440040 ,PSAL,1,1965,1,3,Primary sampling  
KM,2901760,96,19/03/2019 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=63521961 ,PSAL,1,2008,1,3,Primary sampling  
KM,2901760,97,29/03/2019 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=63606385 ,PSAL,1,1951,1,3,Primary sampling  
KM,2901765,94,28/02/2019 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=63331022 ,PSAL,1,1985,1,3,Primary sampling  
KM,2901765,95,10/03/2019 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=63451359 ,PSAL,1,1976,1,3,Primary sampling  
KM,2901765,96,20/03/2019 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=63537858 ,PSAL,1,1987,1,3,Primary sampling

Example of anomalies:

Warning Objective Analysis Anomalies 2019 March TEMP PSAL : DAC KM- Float 2901744 - 199





## 8. DAC KORDI/KIOST

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

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

### Status of corrections:

Float :

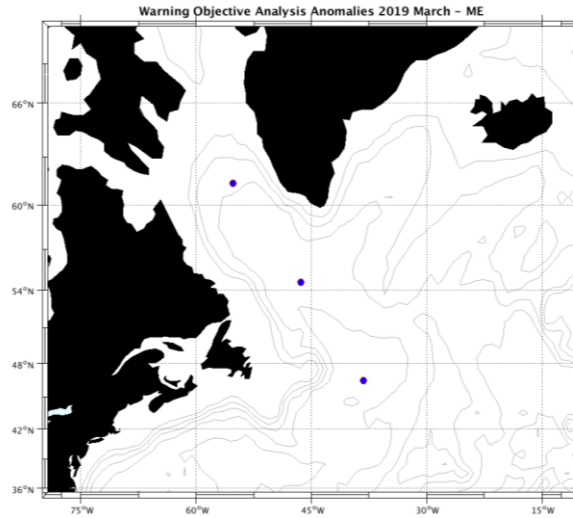
DAC\_CODE,PLATFORM\_CODE,CV\_NUMBER,DATE\_UPDATE,DIRECTION,WEB\_URL,PARAMETER,START\_IMMERSION,STOP\_IMMERSION,OLD\_QC,NEW\_QC,VERTICAL\_SAMPLING\_SCHEME

### Example of anomalies:

9. DAC MEDS

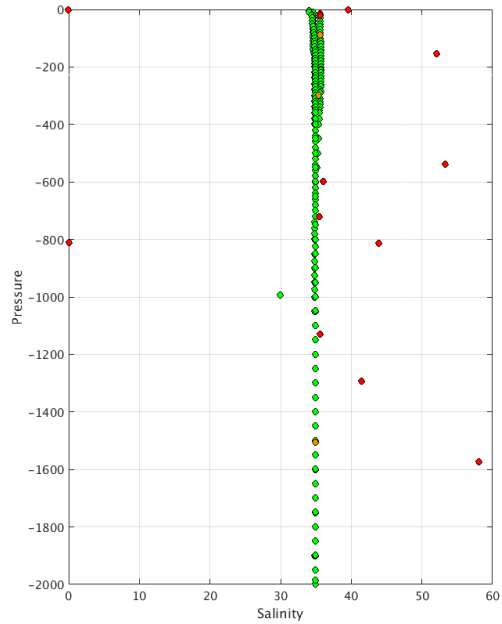
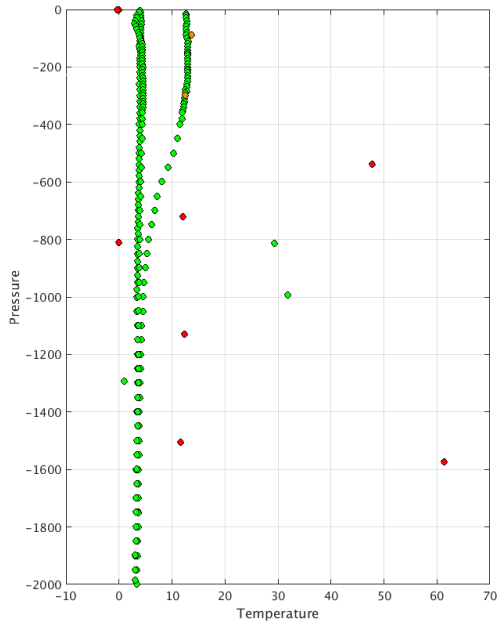
Profiles detected by the objective analysis: 3 profiles (3 floats – float can have several cycles with anomalies)

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



**Status of corrections: Correction done or in progress, feedback**

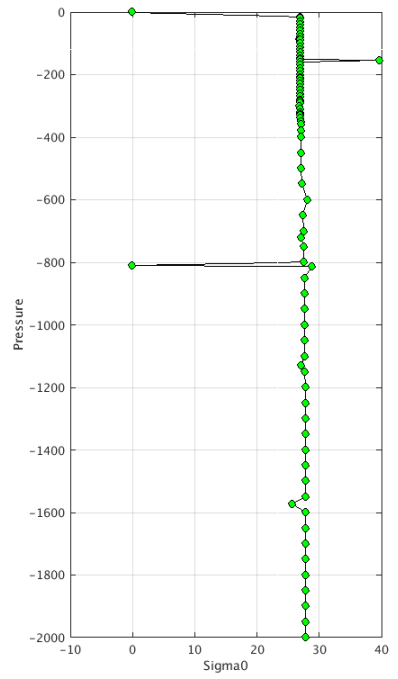
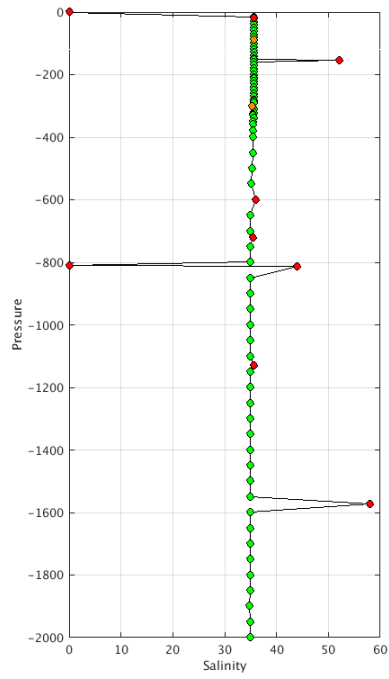
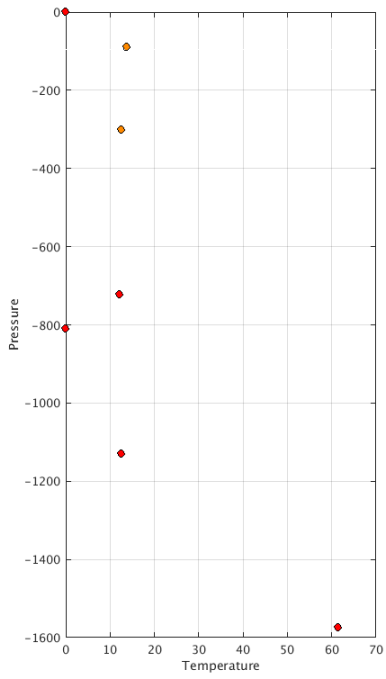
- Float : 4900125 - Cycle : 61 - PI : Blair Greenan - Data mode : D - Platform type : APEX-SBE - WMO inst type : 846 - FLOAT SERIAL : 330 - Date : 2004 3 4
- Float : 4900531 - Cycle : 60 - PI : Blair Greenan - Data mode : D - Platform type : PROVOR-SBE - WMO inst type : 841 - FLOAT SERIAL : 160 - Date : 2006 1 17
- Float : 4900681 - Cycle : 24 - PI : Blair Greenan - Data mode : D - Platform type : APEX-SBE - WMO inst type : 846 - FLOAT SERIAL : 2067 - Date : 2006 5 21



DAC\_CODE,PLATFORM\_CODE,CV\_NUMBER,DATE\_UPDATE,DIRECTION,WEB\_URL,PARAMETER,START\_IMMERSION,STOP\_IMMERSION,OLD\_QC,NEW\_QC,VERTICAL\_SAMPLING\_SCHEME  
 ME,4900125,61,30/11/2015 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=1660209 ,TEMP,813.6,813.6,1,4,Primary sampling  
 ME,4900125,61,30/11/2015 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=1660209 ,TEMP\_ADJUSTED,813.6,813.6,1,4,Primary sampling  
 ME,4900531,60,27/05/2015 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=3044522 ,PSAL,992.9,992.9,1,4,Primary sampling  
 ME,4900531,60,27/05/2015 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=3044522 ,PSAL\_ADJUSTED,537.6,1291.6,1,4,Primary sampling  
 ME,4900531,60,27/05/2015 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=3044522 ,TEMP,992.9,992.9,1,4,Primary sampling  
 ME,4900531,60,27/05/2015 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=3044522 ,TEMP\_ADJUSTED,1250.3,1250.3,1,4,Primary sampling  
 ME,4900531,60,27/05/2015 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=3044522 ,TEMP\_ADJUSTED,950.1,950.1,1,4,Primary sampling  
 ME,4900681,24,14/11/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=3328695 ,TEMP\_ADJUSTED,1948.7,1948.7,1,4,Primary sampling

Example of anomalies:

Warning Objective Analysis Anomalies 2019 March TEMP PSAL : DAC ME- Float 4900125 - 61



## 10. DAC NMDIS

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

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

INACTIVE FLOATS

### **Status of corrections:**

Float :

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

### Example of anomalies:



## 11. List of floats with suspected drift

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

First Station in alert dd/mm/yyyy	First cycle in alert	Last Station in alert dd/mm/yyyy	Last cycle in alert	DAC	WMO	PI	Comment All drift mentions are SUSPICION Surrounding platforms = close in space (position diff < 2 degrees latitude/longitude) and in time (date diff < 5 years)	SENSOR_MODEL	SERIAL_N°
03/01/2019	81	14/03/2019	88	AOML	1902024	DEAN ROEMMICH	There may be a drift of 0.05 psu but variable area. Hard to confirm in real-time analysis	SBE41CP V7.2.5	8163
07/03/2019	84	27/03/2019	86	AOML	1902057	GREGORY C. JOHNSON	0.1 PSU from platform's other profiles and from surrounding platforms	SBE41CP	8465
01/03/2019	17	31/03/2019	20	AOML	1902199	GREGORY C. JOHNSON	big jump in salinity	SBE41CP	9841
27/02/2019	25	09/03/2019	26	AOML	1902200	GREGORY C. JOHNSON	only 2 cycles with correct location, total of 4 cycles . The second cycle (#26) is 0.1 PSU away from climatology.	SBE41CP	9909
18/02/2019	122	30/03/2019	126	AOML	2902391	BRECK OWENS, STEVEN JAYNE, P.E. ROBBINS	wrecked !	SBE41CP	7220
01/12/2018	171	31/03/2019	183	AOML	3901156	GREGORY C. JOHNSON	slight drift (approx 0.02 psu) but biased by 0.05 psu with surrounding platforms	SBE41CP	4221
10/01/2019	176	31/03/2019	184	AOML	3901187	GREGORY C. JOHNSON	This float had stopped emitting on the 4/02/2018 and has begun to emit once more since the 10/01/2019 in the middle of the pacifique	SBE41CP	5507
22/11/2018	126	01/04/2019	139	AOML	3901199	GREGORY C. JOHNSON	There is a correction in adjusted that seem to worsen the salinity. Raw data are inside alert boundaries, adjusted data are out.	SBE41CP	6308
27/02/2019	86	29/03/2019	89	AOML	3901282	GREGORY C. JOHNSON	jump at cycle 86. Wait for more data	SBE41CP	8531
27/12/2018	69	27/03/2019	78	AOML	3901286	GREGORY C. JOHNSON	bias in sal approx 0.04 psu with surrounding platforms. Drift by 0.02 psu with profiles from the same platform.	SBE41CP	8562
18/02/2019	80	30/03/2019	84	AOML	3901289	GREGORY C. JOHNSON	drifting undoubtfully	SBE41CP	8651
21/01/2019	127	07/03/2019	136	AOML	3901808	BRECK OWENS, STEVEN JAYNE, P.E. ROBBINS	small drift (0.02 PSU with some jump on cycle 127) to monitor ...	SBE41CP	8459
30/12/2018	111	31/03/2019	129	AOML	3901814	BRECK OWENS, STEVEN JAYNE, P.E. ROBBINS	drift too small to flag (0.02 PSU); we have started to downqualified to 3 since 16/01/2016	SBE41CP	8400
19/03/2019	128	19/03/2019	128	AOML	3901819	BRECK OWENS, STEVEN JAYNE, P.E. ROBBINS	drifting since #120 (6/2/19) approx 0.05 PSU	SBE41CP	8642
22/02/2019	172	29/03/2019	177	AOML	4901640	DEAN ROEMMICH	unsure, 0.02 PSU with surrounding platforms	SBE41CP V3.0c	7450
17/01/2019	128	28/03/2019	135	AOML	4902087	GREGORY C. JOHNSON		SBE41CP	7176
15/02/2019	102	07/03/2019	104	AOML	4902312	GREGORY C. JOHNSON	there is a 0.02 PSU correction in adjusted but drift seem to reach 0.05 PSU at cycle 103. There is no much data in this area. Need to wait a few cycle to confirm	SBE41CP	7557
28/02/2019	84	30/03/2019	87	AOML	4902895	GREGORY C. JOHNSON	jump of 0.05 PSU since #83	SBE41CP	8012
19/12/2018	74	29/03/2019	84	AOML	4902901	GREGORY C. JOHNSON	undoubtly drifting (0.04 PSU on 19/12/2018); hard from cycle 80 (17.02.19)	SBE41CP	8692
16/12/2018	59	25/03/2019	69	AOML	4902909	BRECK OWENS, STEVEN JAYNE, P.E. ROBBINS	undoubtly drifting (0.1 PSU on 19/12/2018)	SBE41CP	8387
02/12/2018	63	11/03/2019	73	AOML	4902911	BRECK OWENS, STEVEN JAYNE, P.E. ROBBINS	might be drifting/biased (0.06 PSU from bunch) but hard	SBE41CP	8551
21/11/2018	108	30/03/2019	134	AOML	4902915	BRECK OWENS, STEVEN JAYNE, P.E. ROBBINS	seems to be depth-dependent	SBE41CP	8540
12/03/2019	43	01/04/2019	45	AOML	4903008	DEAN ROEMMICH	gently drifting, raised 0.03 PSU #43	SBE41CP V7.2.5	8580
04/03/2019	13	14/03/2019	14	AOML	4903183	GREGORY C. JOHNSON	Cycle 13 is out, wait for other cycles, may be transient issue only	SBE41CP	11041
20/03/2019	1	24/03/2019	4	AOML	4903215	BRECK OWENS, STEVEN JAYNE, P.E. ROBBINS	to monitor	SBE41CP	11033
28/11/2018	322	26/03/2019	333	AOML	5902232	GREGORY C. JOHNSON	0.07 PSU	SBE41	4215
28/11/2018	330	26/03/2019	341	AOML	5902243	GREGORY C. JOHNSON	bias of approx 0.04 psu suspected compared to surrounding platforms; and width at depth of 0.05 psu for PSAL profiles and theta-S diagram	SBE41	4320
24/12/2018	259	06/03/2019	266	AOML	5903424	STEPHEN RISER	jump of 0.05 PSU in salinity but not so obvious when compared with surrounding platforms (width at depth of 0.06 PSU)	SBE41	4862
14/12/2018	218	26/03/2019	228	AOML	5903435	STEPHEN RISER	drift doubt, need more analysis	SBE41	5097
14/12/2018	143	27/03/2019	153	AOML	5904469	STEPHEN RISER, KENNETH JOHNSON	not well covered area (60°S) with a high variability but it nonetheless seems to be drifting.	SBE41CP	5592
29/12/2018	140	29/03/2019	149	AOML	5904573	GREGORY C. JOHNSON	drifting approx 0.03 PSU	SBE41CP	6276
04/02/2019	123	26/03/2019	128	AOML	5904638	STEPHEN RISER	slight drift (0.04 psu); not many data to confirm	SBE41CP	5704
28/11/2018	101	28/03/2019	113	AOML	5904703	GREGORY C. JOHNSON		SBE41CP	6296
28/11/2018	109	18/03/2019	120	AOML	5904707	GREGORY C. JOHNSON	drifting approx 0.02 PSU	SBE41CP	6299
24/11/2018	79	24/03/2019	91	AOML	5904737	GREGORY C. JOHNSON	some cycles corrected in adjusted but some remains to treat	SBE41CP	7688
27/12/2018	82	27/03/2019	91	AOML	5904739	GREGORY C. JOHNSON	corrected in adjusted, but drift may have increased, with a noticeable jump cycle 83.	SBE41CP	7689
26/11/2018	88	26/03/2019	100	AOML	5904861	GREGORY C. JOHNSON	adjusted seem too hard of 0.02PSU + some jump: would need a delayed mode reanalysis	SBE41CP	7719
24/11/2018	68	24/03/2019	80	AOML	5904948	GREGORY C. JOHNSON	was drifting until cycle 67 where hard drift occurs	SBE41CP	8641
30/11/2018	71	30/03/2019	83	AOML	5905068	STEPHEN RISER		SBE41CP	7790
01/12/2018	50	31/03/2019	62	AOML	5905108	STEPHEN RISER, KENNETH JOHNSON	Hard drift	SBE41CP	7947
02/11/2018	28	22/03/2019	42	AOML	5905379	STEPHEN RISER, KENNETH JOHNSON	<b>drift suspected, hard drift from cycle 32</b>	SBE41CP	9028
14/11/2018	207	14/03/2019	219	BODC	1901305	Jon Turton	not drifting but biased of approx 0.05 psu	SBE41	5887
24/11/2018	5	24/03/2019	17	BODC	3901548	Jon Turton	sudden drift; not GL; back in good psal domain on cycle 8 (24/12/2018); drifting more and more cycle 14 reached 0.7 PSU. Temperature of cycle 14 is also strange (0.5 °C warmer than classical values at 1800 dbar)	SBE41	7001
09/02/2019	75	11/03/2019	78	BODC	3901883	Andreas Sterl	drift approx 0.1 PSU		
17/03/2019	71	27/03/2019	72	BODC	3901884	Andreas Sterl	cycle 71 way out of thresholds (but //)	SBE41CP V7.2.5	8234
28/01/2019	67	29/03/2019	73	BODC	3901889	Andreas Sterl	hard drift from cycle 67	SBE41CP	8239
27/11/2018	68	27/03/2019	80	BODC	3901904	Pierre-Marie Poulain	hard drift from cycle 76 (15.02.19)	SBE41CP	8273
23/02/2019	51	25/03/2019	54	BODC	3901954	Andy Rees	Sudden drift of 0.1 psu	SBE41CP	8609
22/11/2018	107	22/03/2019	131	CORLIOLIS	3902122	Herve Claustre	first descending profiles (cycles 1 to 10) are systematically out of bounds	SBE41CP	9074
10/02/2019	1	24/03/2019	5	CORLIOLIS	6903253	Pierre-Marie POULAIN	This first cycles are very fresh ! 28 instead of 34 PSU	SBE41CP	10594
06/01/2019	158	27/03/2019	166	CSIO	2902600	ZENGHONG LIU	strange, out of other platforms' profiles by approx 0.05 PSU but it's not parallel to other profiles of the same float ...	SBE41CP	5022
16/03/2019	164	26/03/2019	165	CSIO	2902609	ZENGHONG LIU	jump cycle 154 (06/12/2018) of 0.05 PSU with the rest of the platform and 0.04 saltier than the surrounding platforms' profiles	SBE41CP	5609
24/11/2018	175	23/03/2019	187	CSIO	2902615	ZENGHONG LIU	drift by approx 0.04 psu but need thorough analysis	SBE41CP	5613
24/11/2018	5	24/03/2019	17	CSIRO	5905416	Peter Oke	not drifting but seems biased by 0.04 PSU with surrounding platforms	SBE41CP V7.2.5	8188
29/11/2018	296	29/03/2019	308	INCOIS	2902175	M Ravichandran	was drifting then wrecked	SBE41CP	5686
27/01/2019	106	18/03/2019	111	INCOIS	2902206	M Ravichandran	not homogenous bias, correction in adjusted data ...	SBE41	7640
10/03/2019	92	30/03/2019	94	INCOIS	2902209	M Ravichandran	wrecked #110	SBE41	7640
16/03/2019	93	31/03/2019	96	JMA	2902995	JMA	jump for this cycle by 0.1 PSU	SBE41CP	8353
11/12/2018	129	31/03/2019	151	JMA	2903188	JMA	approx 0.05 psu with surrounding platforms	SBE41CP V2	7619
19/11/2018	89	29/03/2019	115	JMA	2903203	JMA	slight drift (<0.05 psu) decreasing on 22/11/2018 drift equal to 0.05 psu (12/12/2018)	SBE41CP V2	8657
01/12/2018	35	31/03/2019	43	JMA	2903212	JMA	<b>not drifting but seems biased by 0.05 PSU.</b> JMA answered their analysis doesn't confirm this suspicion. Float is monitored	SBE41CP	9116
03/02/2019	25	20/03/2019	34	JMA	2903222	JMA	This platform was submitted/re-submitted (?) from 22/11/2018 for all profiles (from cycle 1 01/12/2017). It seems highly biased (by approx 0.4 psu). MIMA was not applied on too-old stations. Yuka Okunaka answered they are looking with the constructor	SBE61	5631
17/01/2019	191	28/03/2019	201	KMA	2901744		approx 0.1 psu with surrounding platforms. Strange sensor behaviour that has become very noisy.	SBE41CP V2	9765
27/11/2018	76	27/03/2019	88	KMA	2901758	Jaeyoung Byon	sudden jump, 0.15 PSU with surrounding platforms	#N/A	#N/A
27/11/2018	85	27/03/2019	97	KMA	2901759	Jaeyoung Byon	Hard	SBE41CP	
06/02/2019	92	28/03/2019	97	KMA	2901760	Jaeyoung Byon	Hard	SBE41CP	
29/11/2018	85	29/03/2019	97	KMA	2901765	Jaeyoung Byon	deep width of 0.08PSU; approx 0.05 psu with surrounding platforms	SBE41CP	
							slight drift	SBE41CP	

## 12. 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`

### 12.1. 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 :

**DAC name : aoml – Number of floats : 7085**

1900167 - Existing nc files

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

1900168 - Existing nc files

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

1900189 - Existing nc files

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

1900244 - Existing nc files

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

1900245 - Existing nc files

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

1900255 - Existing nc files

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

1900257 - Existing nc files

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

1900748 - Existing nc files

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

1900751 - Existing nc files

File : 1900751\_Rtraj.nc - 1900751\_meta.nc - 1900751\_tech.nc -

1900831 - Existing nc files

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

1901658 - Existing nc files

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

2901106 - Existing nc files

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

2901438 - Existing nc files

File : 2901438\_Rtraj.nc - 2901438\_meta.nc - 2901438\_tech.nc -

3900148 - Existing nc files

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

3900160 - Existing nc files

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

39029 - Existing nc files

File : 39029\_Rtraj.nc - 39029\_meta.nc - 39029\_tech.nc -

41534 - Existing nc files

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

4900228 - Existing nc files

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

4900229 - Existing nc files

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

4900230 - Existing nc files

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

4900268 - Existing nc files

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

4900269 - Existing nc files

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

4900270 - Existing nc files

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

4900271 - Existing nc files

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

4900272 - Existing nc files

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

4900273 - Existing nc files

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

4900287 - Existing nc files

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

4900358 - Existing nc files

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

4900361 - Existing nc files

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

4900366 - Existing nc files

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

4900367 - Existing nc files

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

4900382 - Existing nc files

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

4900383 - Existing nc files

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

4900385 - Existing nc files

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

4900426 - Existing nc files

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

4900427 - Existing nc files

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

4900428 - Existing nc files

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

4900433 - Existing nc files

File : 4900433\_Rtraj.nc - 4900433\_meta.nc - 4900433\_tech.nc -

4900550 - Existing nc files

File : 4900550\_Rtraj.nc - 4900550\_meta.nc - 4900550\_tech.nc -

4900583 - Existing nc files

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

4900779 - Existing nc files

File : 4900779\_Rtraj.nc - 4900779\_meta.nc - 4900779\_tech.nc -

4901485 - Existing nc files

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

4901537 - Existing nc files

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

4901560 - Existing nc files

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

4901575 - Existing nc files

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

4901577 - Existing nc files

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

4903186 - Existing nc files

File : 4903186\_Rtraj.nc - 4903186\_meta.nc - 4903186\_tech.nc -

4903187 - Existing nc files

File : 4903187\_Rtraj.nc - 4903187\_meta.nc - 4903187\_tech.nc -

4903188 - Existing nc files

File : 4903188\_Rtraj.nc - 4903188\_meta.nc - 4903188\_tech.nc -

4903194 - Existing nc files

File : 4903194\_Rtraj.nc - 4903194\_meta.nc - 4903194\_tech.nc -

4903195 - Existing nc files

File : 4903195\_Rtraj.nc - 4903195\_meta.nc - 4903195\_tech.nc -

4903196 - Existing nc files

File : 4903196\_Rtraj.nc - 4903196\_meta.nc - 4903196\_tech.nc -

4903197 - Existing nc files

File : 4903197\_Rtraj.nc - 4903197\_meta.nc - 4903197\_tech.nc -

4903198 - Existing nc files

File : 4903198\_Rtraj.nc - 4903198\_meta.nc - 4903198\_tech.nc -

4903199 - Existing nc files

File : 4903199\_Rtraj.nc - 4903199\_meta.nc - 4903199\_tech.nc -

4903200 - Existing nc files

File : 4903200\_Rtraj.nc - 4903200\_meta.nc - 4903200\_tech.nc -

5900253 - Existing nc files

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

5900637 - Existing nc files

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

5900765 - Existing nc files

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

5900892 - Existing nc files

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

5901006 - Existing nc files

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

5901082 - Existing nc files

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

5901732 - Existing nc files

File : 5901732\_Rtraj.nc - 5901732\_meta.nc - 5901732\_tech.nc -

5903442 - Existing nc files

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

5904097 - Existing nc files

File : 5904097\_Rtraj.nc - 5904097\_meta.nc - 5904097\_tech.nc -

5904282 - Existing nc files

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

5904838 - Existing nc files

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

5904839 - Existing nc files

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

5904840 - Existing nc files

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

## 12.2. 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 : 686**

1901312 - Existing nc files

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

1901844 - Existing nc files

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

1901845 - Existing nc files

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

1901846 - Existing nc files

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

1901847 - Existing nc files

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

1901848 - Existing nc files

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

1901849 - Existing nc files

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

1901850 - Existing nc files

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

1901851 - Existing nc files

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

1901852 - Existing nc files

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

1901853 - Existing nc files

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

1901854 - Existing nc files

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

1901855 - Existing nc files

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

1901856 - Existing nc files

5905641 - Existing nc files

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

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

1901857 - Existing nc files

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

1901858 - Existing nc files

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

1901859 - Existing nc files

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

1901860 - Existing nc files

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

1901861 - Existing nc files

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

1901862 - Existing nc files

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

1901863 - Existing nc files

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

1901864 - Existing nc files

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

1901865 - Existing nc files

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

1901866 - Existing nc files

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

1901867 - Existing nc files

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

1901868 - Existing nc files

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

1901869 - Existing nc files

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

2901899 - Existing nc files  
File : 2901899\_meta.nc - 2901899\_prof.nc - 2901899\_tech.nc -

2901900 - Existing nc files  
File : 2901900\_meta.nc - 2901900\_prof.nc - 2901900\_tech.nc -

2901902 - Existing nc files  
File : 2901902\_meta.nc - 2901902\_prof.nc - 2901902\_tech.nc -

2901903 - Existing nc files  
File : 2901903\_meta.nc - 2901903\_prof.nc - 2901903\_tech.nc -

2901904 - Existing nc files  
File : 2901904\_meta.nc - 2901904\_prof.nc - 2901904\_tech.nc -

2901905 - Existing nc files  
File : 2901905\_meta.nc - 2901905\_prof.nc - 2901905\_tech.nc -

3900538 - Existing nc files  
File : 3900538\_meta.nc - 3900538\_prof.nc - 3900538\_tech.nc -

3900559 - Existing nc files  
File : 3900559\_meta.nc - 3900559\_prof.nc - 3900559\_tech.nc -

3900560 - Existing nc files  
File : 3900560\_meta.nc - 3900560\_prof.nc - 3900560\_tech.nc -

3901488 - Existing nc files  
File : 3901488\_meta.nc - 3901488\_prof.nc - 3901488\_tech.nc -

3901489 - Existing nc files  
File : 3901489\_meta.nc - 3901489\_prof.nc - 3901489\_tech.nc -

3901490 - Existing nc files  
File : 3901490\_meta.nc - 3901490\_prof.nc - 3901490\_tech.nc -

3901491 - Existing nc files  
File : 3901491\_meta.nc - 3901491\_prof.nc - 3901491\_tech.nc -

3901492 - Existing nc files  
File : 3901492\_meta.nc - 3901492\_prof.nc - 3901492\_tech.nc -

3901493 - Existing nc files  
File : 3901493\_meta.nc - 3901493\_prof.nc - 3901493\_tech.nc -

3901494 - Existing nc files  
File : 3901494\_meta.nc - 3901494\_prof.nc - 3901494\_tech.nc -

3901495 - Existing nc files  
File : 3901495\_meta.nc - 3901495\_prof.nc - 3901495\_tech.nc -

3901499 - Existing nc files  
File : 3901499\_meta.nc - 3901499\_prof.nc - 3901499\_tech.nc -

3901500 - Existing nc files  
File : 3901500\_meta.nc - 3901500\_prof.nc - 3901500\_tech.nc -

3901501 - Existing nc files  
File : 3901501\_meta.nc - 3901501\_prof.nc - 3901501\_tech.nc -

3901502 - Existing nc files  
File : 3901502\_meta.nc - 3901502\_prof.nc - 3901502\_tech.nc -

3901503 - Existing nc files  
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3901504 - Existing nc files  
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3901505 - Existing nc files  
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3901506 - Existing nc files  
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3901507 - Existing nc files  
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3901508 - Existing nc files  
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3901509 - Existing nc files  
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3901510 - Existing nc files  
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3901511 - Existing nc files  
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3901512 - Existing nc files  
File : 3901512\_meta.nc - 3901512\_prof.nc - 3901512\_tech.nc -

3901513 - Existing nc files  
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3901514 - Existing nc files  
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3901515 - Existing nc files  
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3901516 - Existing nc files  
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3901517 - Existing nc files  
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3901519 - Existing nc files  
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3901520 - Existing nc files  
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3901521 - Existing nc files  
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3901522 - Existing nc files  
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3901523 - Existing nc files  
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3901524 - Existing nc files  
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3901525 - Existing nc files  
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3901526 - Existing nc files  
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3901527 - Existing nc files  
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3901528 - Existing nc files  
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3901529 - Existing nc files  
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3901532 - Existing nc files  
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3901533 - Existing nc files  
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3901534 - Existing nc files  
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3901535 - Existing nc files  
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3901536 - Existing nc files  
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3901537 - Existing nc files  
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3901538 - Existing nc files  
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3901539 - Existing nc files  
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3901548 - Existing nc files  
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3901549 - Existing nc files  
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3901550 - Existing nc files  
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3901551 - Existing nc files  
File : 3901551\_meta.nc - 3901551\_prof.nc - 3901551\_tech.nc -



49065 - Existing nc files  
File : 49065\_meta.nc - 49065\_prof.nc - 49065\_tech.nc -

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

6901197 - Existing nc files  
File : 6901197\_meta.nc - 6901197\_prof.nc - 6901197\_tech.nc -

6901198 - Existing nc files  
File : 6901198\_meta.nc - 6901198\_prof.nc - 6901198\_tech.nc -

6901199 - Existing nc files  
File : 6901199\_meta.nc - 6901199\_prof.nc - 6901199\_tech.nc -

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

### 12.3. 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 : 2848**

1900380 - Existing nc files  
File : 1900380\_Rtraj.nc - 1900380\_meta.nc - 1900380\_tech.nc -

1901216 - Existing nc files  
File : 1901216\_Rtraj.nc - 1901216\_meta.nc - 1901216\_tech.nc -

5903129 - Existing nc files  
File : 5903129\_Rtraj.nc - 5903129\_meta.nc - 5903129\_tech.nc -

6900215 - Existing nc files  
File : 6900215\_meta.nc - 6900215\_prof.nc - 6900215\_tech.nc -

6900217 - Existing nc files  
File : 6900217\_meta.nc - 6900217\_prof.nc - 6900217\_tech.nc -

6900940 - Existing nc files  
File : 6900940\_Rtraj.nc - 6900940\_meta.nc - 6900940\_tech.nc -

6901000 - Existing nc files  
File : 6901000\_Rtraj.nc - 6901000\_meta.nc - 6901000\_tech.nc -

6901551 - Existing nc files  
File : 6901551\_Rtraj.nc - 6901551\_meta.nc - 6901551\_tech.nc -

6901594 - Existing nc files  
File : 6901594\_Rtraj.nc - 6901594\_meta.nc - 6901594\_tech.nc -

6901615 - Existing nc files  
File : 6901615\_Rtraj.nc - 6901615\_meta.nc - 6901615\_tech.nc -

6901820 - Existing nc files  
File : 6901820\_Rtraj.nc - 6901820\_meta.nc -

6901844 - Existing nc files  
File : 6901844\_Rtraj.nc - 6901844\_meta.nc -

6901854 - Existing nc files  
File : 6901854\_Rtraj.nc - 6901854\_meta.nc - 6901854\_tech.nc -

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

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

6902041 - Existing nc files  
File : 6902041\_meta.nc - 6902041\_tech.nc -

6902583 - Existing nc files  
File : 6902583\_Rtraj.nc - 6902583\_meta.nc -

6902685 - Existing nc files  
File : 6902685\_Rtraj.nc - 6902685\_meta.nc - 6902685\_tech.nc -

6902741 - Existing nc files  
File : 6902741\_Rtraj.nc - 6902741\_meta.nc - 6902741\_tech.nc -

6903181 - Existing nc files  
File : 6903181\_Rtraj.nc - 6903181\_meta.nc -

6903185 - Existing nc files  
File : 6903185\_Rtraj.nc - 6903185\_meta.nc -

6903193 - Existing nc files  
File : 6903193\_Rtraj.nc - 6903193\_meta.nc -

6903226 - Existing nc files  
File : 6903226\_Rtraj.nc - 6903226\_meta.nc -

6903243 - Existing nc files  
File : 6903243\_Rtraj.nc - 6903243\_meta.nc -

6903252 - Existing nc files  
File : 6903252\_Rtraj.nc - 6903252\_meta.nc -

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

## 12.4. 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 : 407

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

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

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

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

2902672 - Existing nc files

File : 2902672\_meta.nc - 2902672\_prof.nc -

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

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

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

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

## 12.5. 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 : 855

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

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

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

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

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

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

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

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

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

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

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

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

5905410 - Existing nc files

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

5905411 - Existing nc files

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

5905412 - Existing nc files

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

5905413 - Existing nc files

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

5905419 - Existing nc files

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

5905420 - Existing nc files

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

5905421 - Existing nc files

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

5905430 - Existing nc files

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

5905431 - Existing nc files

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

## 12.6. 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 : 455

2900268 - Existing nc files

File : 2900268\_Rtraj.nc - 2900268\_meta.nc - 2900268\_prof.nc -

2900275 - Existing nc files

File : 2900275\_Rtraj.nc - 2900275\_meta.nc - 2900275\_prof.nc -

2900767 - Existing nc files

File : 2900767\_meta.nc - 2900767\_prof.nc - 2900767\_tech.nc -

2902126 - Existing nc files

File : 2902126\_Rtraj.nc - 2902126\_meta.nc - 2902126\_tech.nc -

2902229 - Existing nc files

File : 2902229\_meta.nc - 2902229\_prof.nc - 2902229\_tech.nc -

2902230 - Existing nc files

File : 2902230\_meta.nc - 2902230\_prof.nc - 2902230\_tech.nc -

2902231 - Existing nc files

File : 2902231\_meta.nc - 2902231\_prof.nc - 2902231\_tech.nc -

2902232 - Existing nc files

File : 2902232\_meta.nc - 2902232\_prof.nc - 2902232\_tech.nc -

2902233 - Existing nc files

File : 2902233\_meta.nc - 2902233\_prof.nc - 2902233\_tech.nc -

2902234 - Existing nc files

File : 2902234\_meta.nc - 2902234\_prof.nc - 2902234\_tech.nc -

2902235 - Existing nc files

File : 2902235\_meta.nc - 2902235\_prof.nc - 2902235\_tech.nc -

2902236 - Existing nc files

File : 2902236\_meta.nc - 2902236\_prof.nc - 2902236\_tech.nc -

2902246 - Existing nc files

File : 2902246\_meta.nc - 2902246\_prof.nc - 2902246\_tech.nc -

2902248 - Existing nc files

File : 2902248\_meta.nc - 2902248\_prof.nc - 2902248\_tech.nc -

2902249 - Existing nc files

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

2902250 - Existing nc files

File : 2902250\_meta.nc - 2902250\_prof.nc - 2902250\_tech.nc -

2902251 - Existing nc files

File : 2902251\_meta.nc - 2902251\_prof.nc - 2902251\_tech.nc -

2902252 - Existing nc files

File : 2902252\_meta.nc - 2902252\_prof.nc - 2902252\_tech.nc -

2902253 - Existing nc files

File : 2902253\_meta.nc - 2902253\_prof.nc - 2902253\_tech.nc -

2902254 - Existing nc files

File : 2902254\_meta.nc - 2902254\_prof.nc - 2902254\_tech.nc -

2902255 - Existing nc files

File : 2902255\_meta.nc - 2902255\_prof.nc - 2902255\_tech.nc -

2902256 - Existing nc files

File : 2902256\_meta.nc - 2902256\_prof.nc - 2902256\_tech.nc -

2902257 - Existing nc files

File : 2902257\_meta.nc - 2902257\_prof.nc - 2902257\_tech.nc -

2902258 - Existing nc files

File : 2902258\_meta.nc - 2902258\_prof.nc - 2902258\_tech.nc -

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

2902266 - Existing nc files  
File : 2902266\_meta.nc - 2902266\_prof.nc - 2902266\_tech.nc -

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

2902267 - Existing nc files  
File : 2902267\_meta.nc - 2902267\_prof.nc - 2902267\_tech.nc -

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

2902268 - Existing nc files  
File : 2902268\_meta.nc - 2902268\_prof.nc - 2902268\_tech.nc -

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

2902269 - Existing nc files  
File : 2902269\_meta.nc - 2902269\_prof.nc - 2902269\_tech.nc -

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

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

## 12.7. 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 : 1666**

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

2903212 - Existing nc files  
File : 2903212\_Mprof.nc - 2903212\_meta.nc - 2903212\_prof.nc -

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

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

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

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

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

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

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

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

2903352 - Existing nc files  
File : 2903352\_meta.nc - 2903352\_prof.nc -

2903353 - Existing nc files  
File : 2903353\_Mprof.nc - 2903353\_meta.nc - 2903353\_prof.nc -

2903356 - Existing nc files  
File : 2903356\_meta.nc - 2903356\_prof.nc -

2903357 - Existing nc files  
File : 2903357\_meta.nc - 2903357\_prof.nc -

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

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

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

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

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

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



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

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

5905062 - Existing nc files  
File : 5905062\_Mprof.nc - 5905062\_meta.nc - 5905062\_prof.nc -

5905218 - Existing nc files  
File : 5905218\_Mprof.nc - 5905218\_meta.nc - 5905218\_prof.nc -

5905223 - Existing nc files  
File : 5905223\_Mprof.nc - 5905223\_meta.nc - 5905223\_prof.nc -

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

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

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

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

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

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

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

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

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

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

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

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

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

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

7900871 - Existing nc files  
File : 7900871\_Rtraj.nc - 7900871\_meta.nc - 7900871\_prof.nc

## 12.8. 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 : 241

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

## 12.9. 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 : kordi – Number of floats : 110

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 -

5900474 - Existing nc files

### 12.10. MEDS

For some floats :

- traj file missing

See below the list of floats with existing nc files :

DAC name : meds – Number of floats : 517

### 12.11. NMDIS

For some floats :

- 

See below the list of floats with existing nc files :

DAC name : nmdis – Number of floats : 19

## 13. Delayed Mode anomalies (adjusted fields) – date mode = 'A' or 'D'

Please also, have a look on the lists provided by John Gilson

### 13.1. AOML

### 13.2. BODC

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

Ex. Floats 1901222

D1901222\_064.nc - - R1901222\_065.nc - but data\_mode=R for cycle 65

### 13.3. CSIO

### 13.4. CSIRO

### 13.5. INCOIS

### 13.6. JMA/JAMSTEC

### 13.7. KMA

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

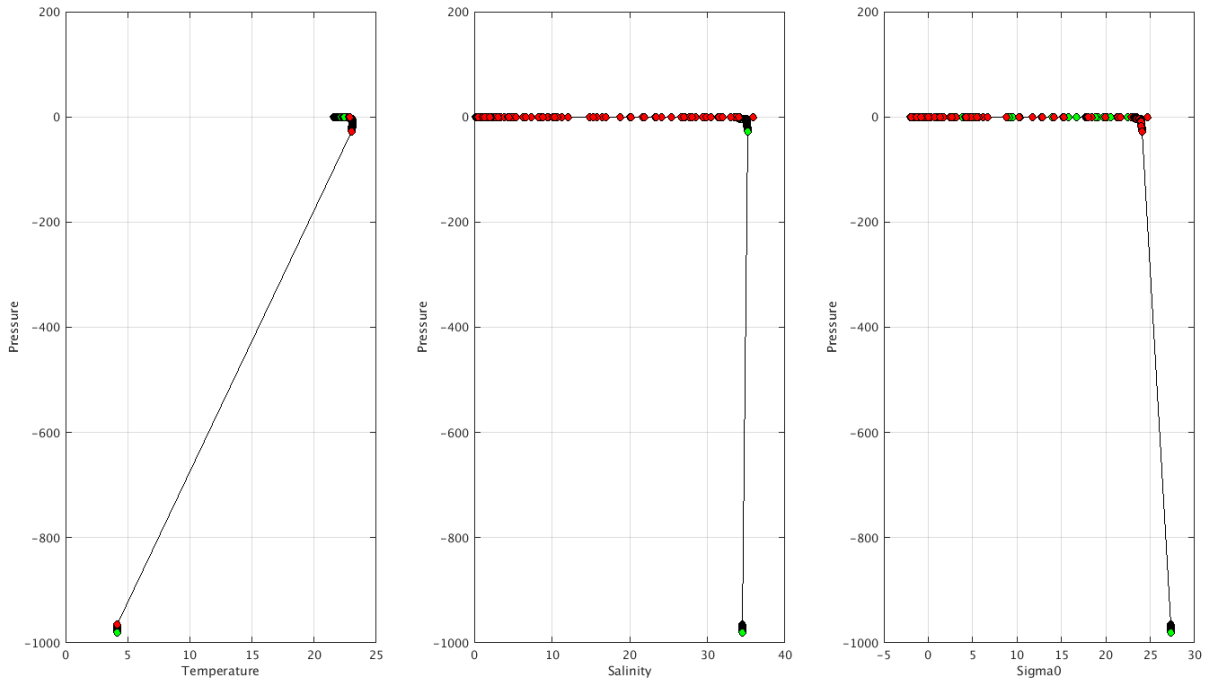
netcdf D2900171\_067 {



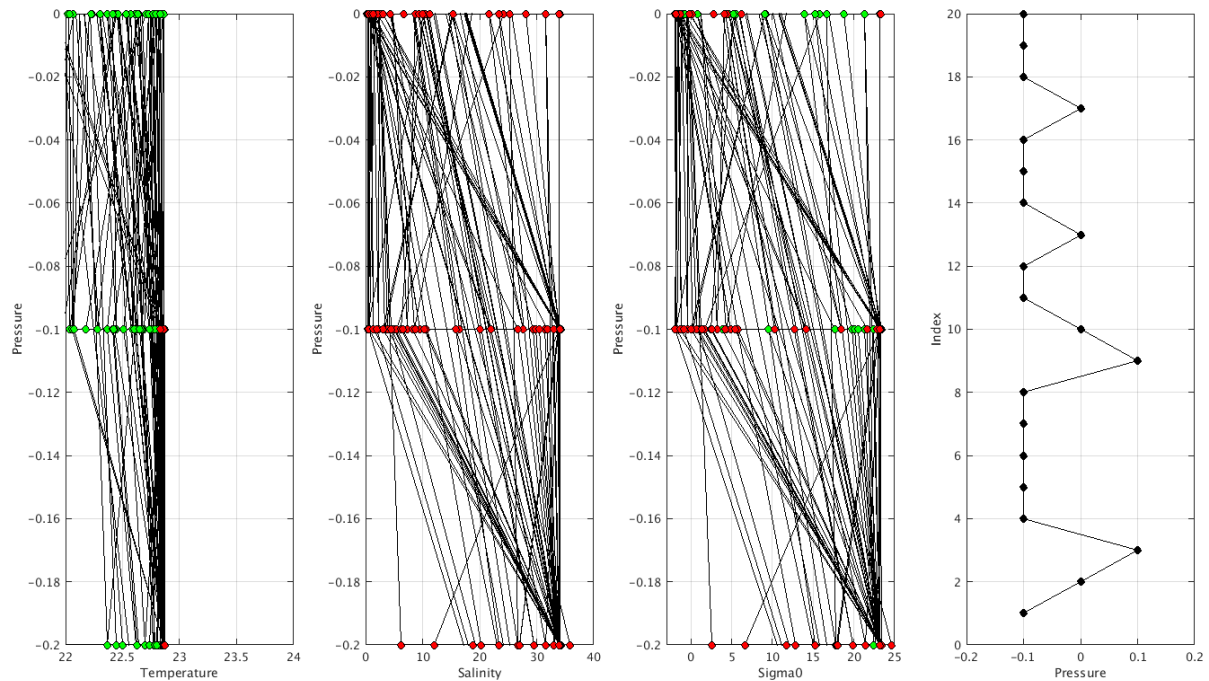
1. Near-surface sampling scheme

Some profiles with a sampling scheme corresponding to the near surface data show not appropriated QC on measurement. Following the Argo Quality control Manual for CTD and Trajectory data, there is 2 tests (test 21 and test 2) that should be applied to those specialized near-surface data. Especially, when pressure values decrease not monotonically with time, levels should be flagged as 'probably bad data' for all the paramters and it seems this is not the case for some examples. See plots below (especially plot showing pressure versus index).

Float 5904656 - 156 - APEX - n/a

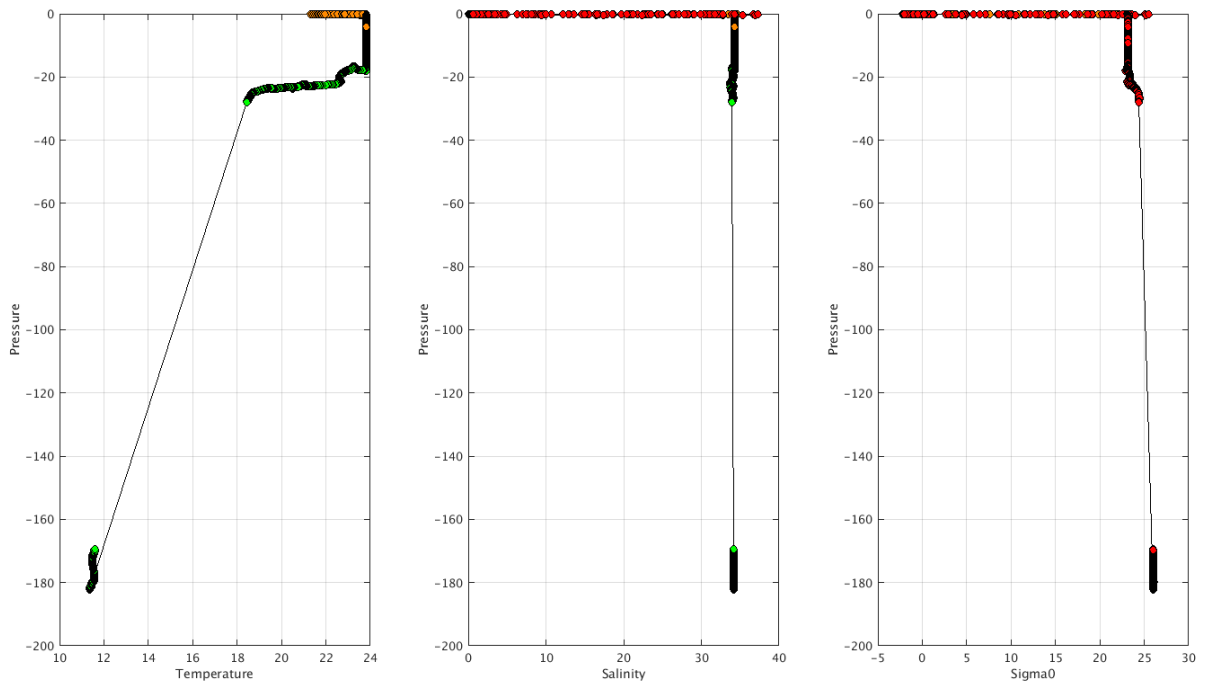


Float 5904656 - 156 - APEX - n/a



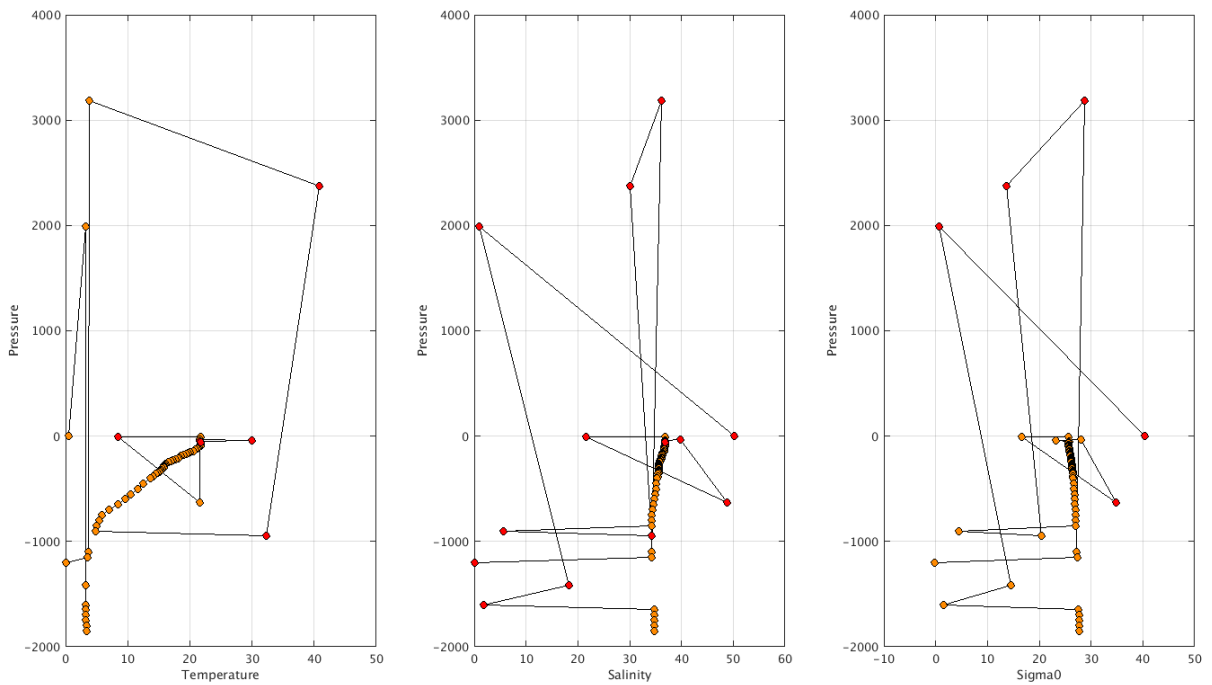
2. Strange profiles going through all the automatic tests :

Float 5904488 - 483 - APEX - Near-surface sampling: discrete, unpumped [auxiliary CTD]



Profiles with strange groups of measurements like a strong decoding (may be some measurements should be in trajectory and not in the vertical profile).

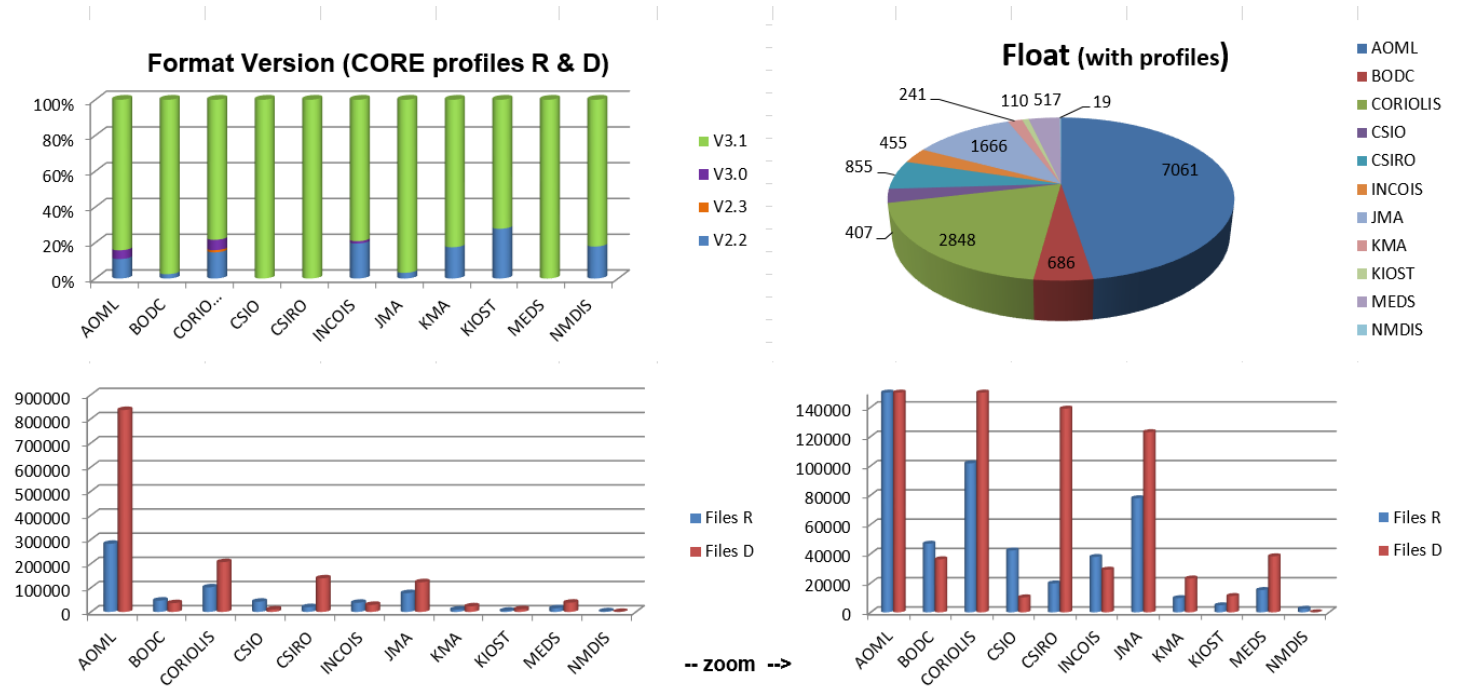
Float 5902133 - 314 - APEX - Primary sampling: discrete []



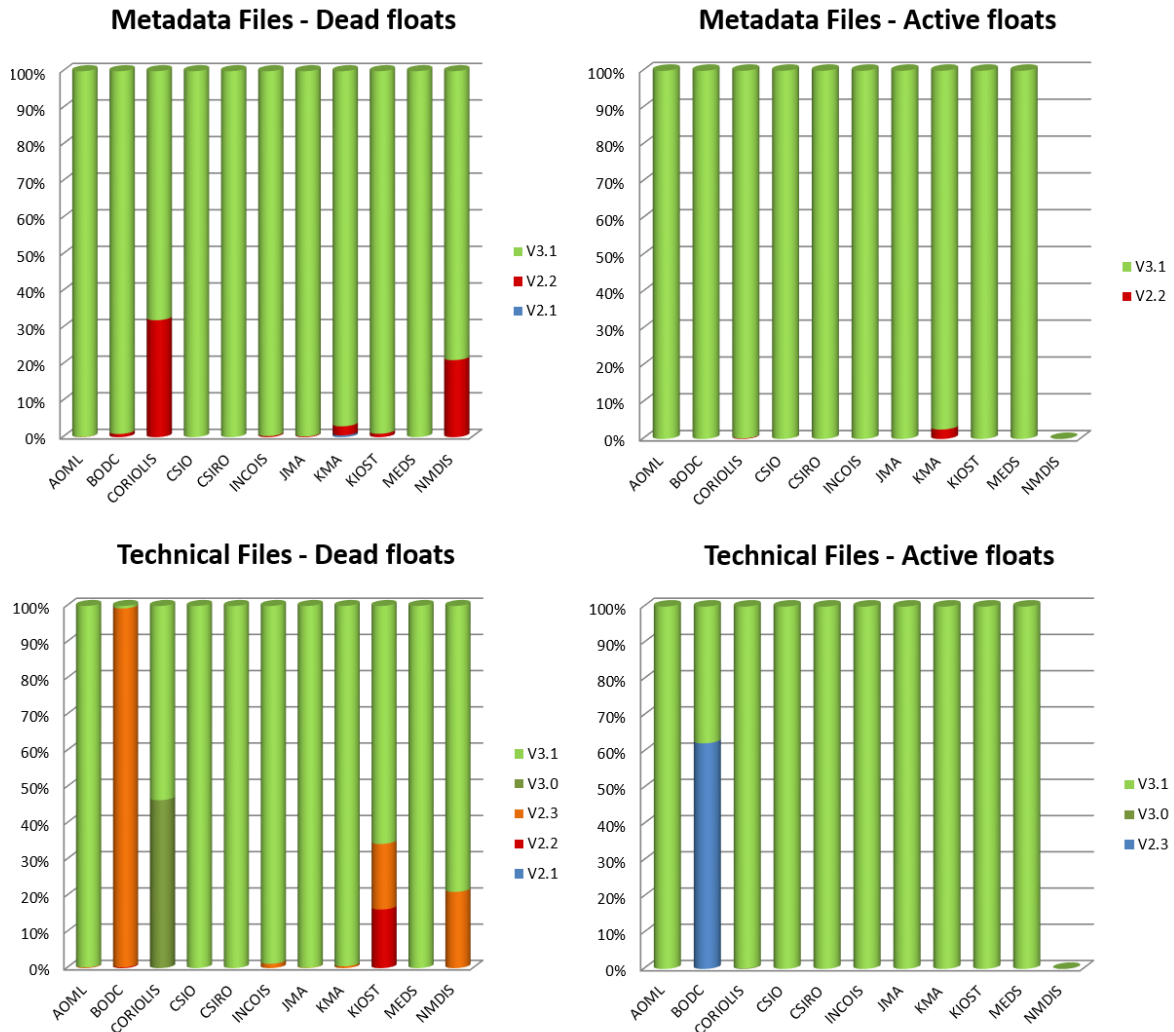
Problems of decoding

15. Statistics on floats and format version (End of March 2019)

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

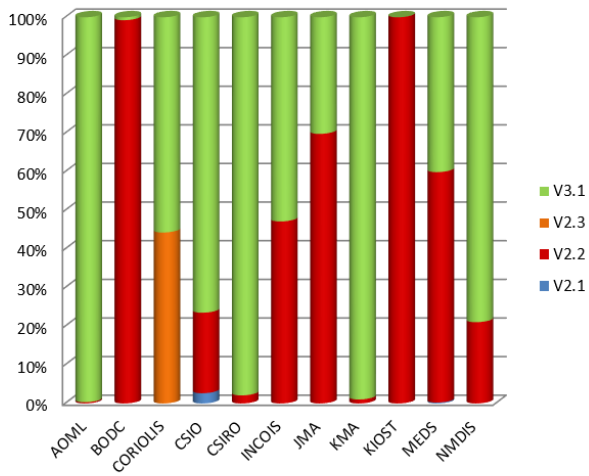


Plots showing format\_version percentage, for metadata-technical-trajectory and core profiles following dead or active floats.

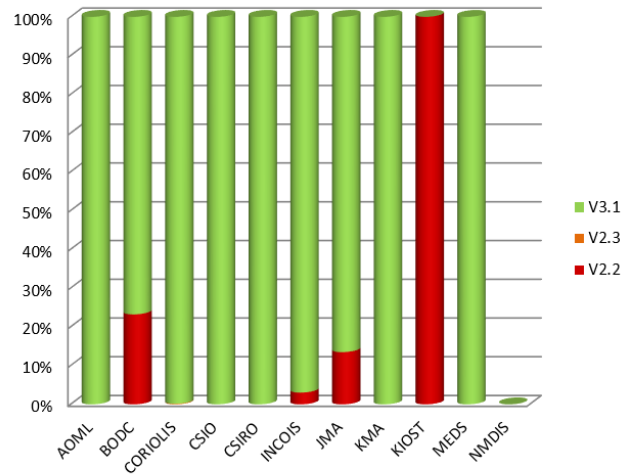




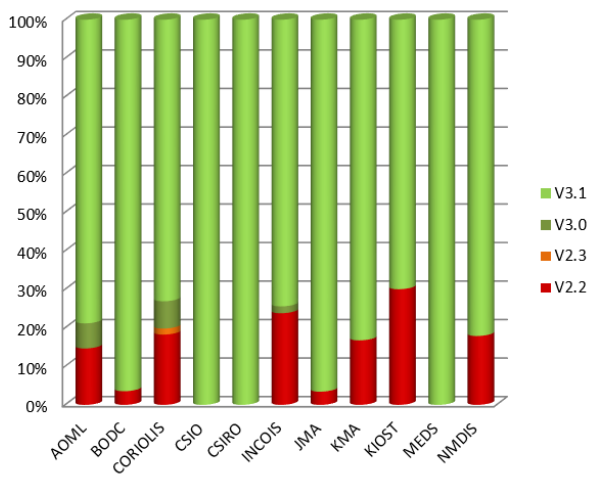
**Trajectory Files - Dead floats**



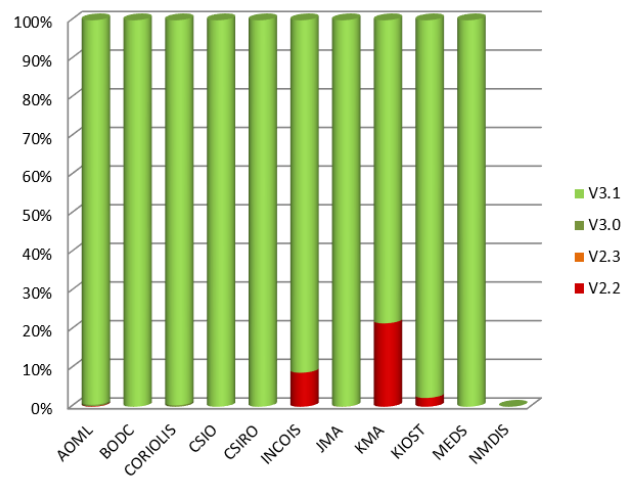
**Trajectory Files - Active floats**



**Profile files - Dead floats**

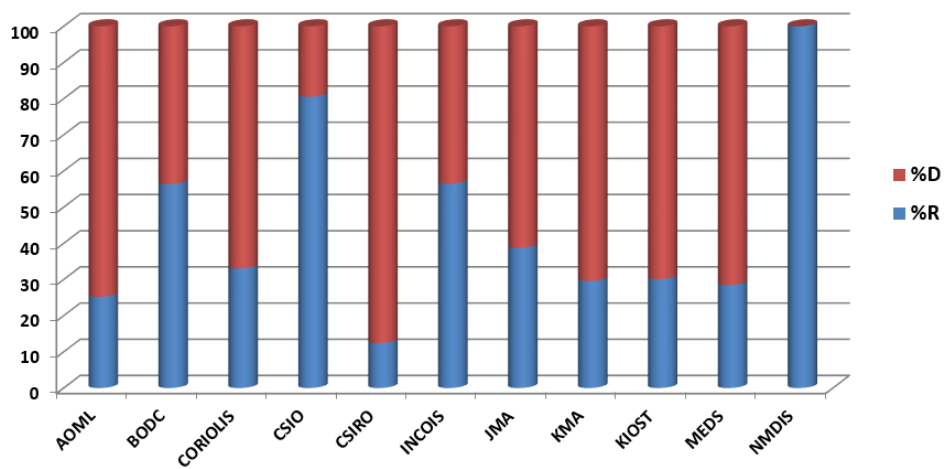


**Profile Files - Active floats**



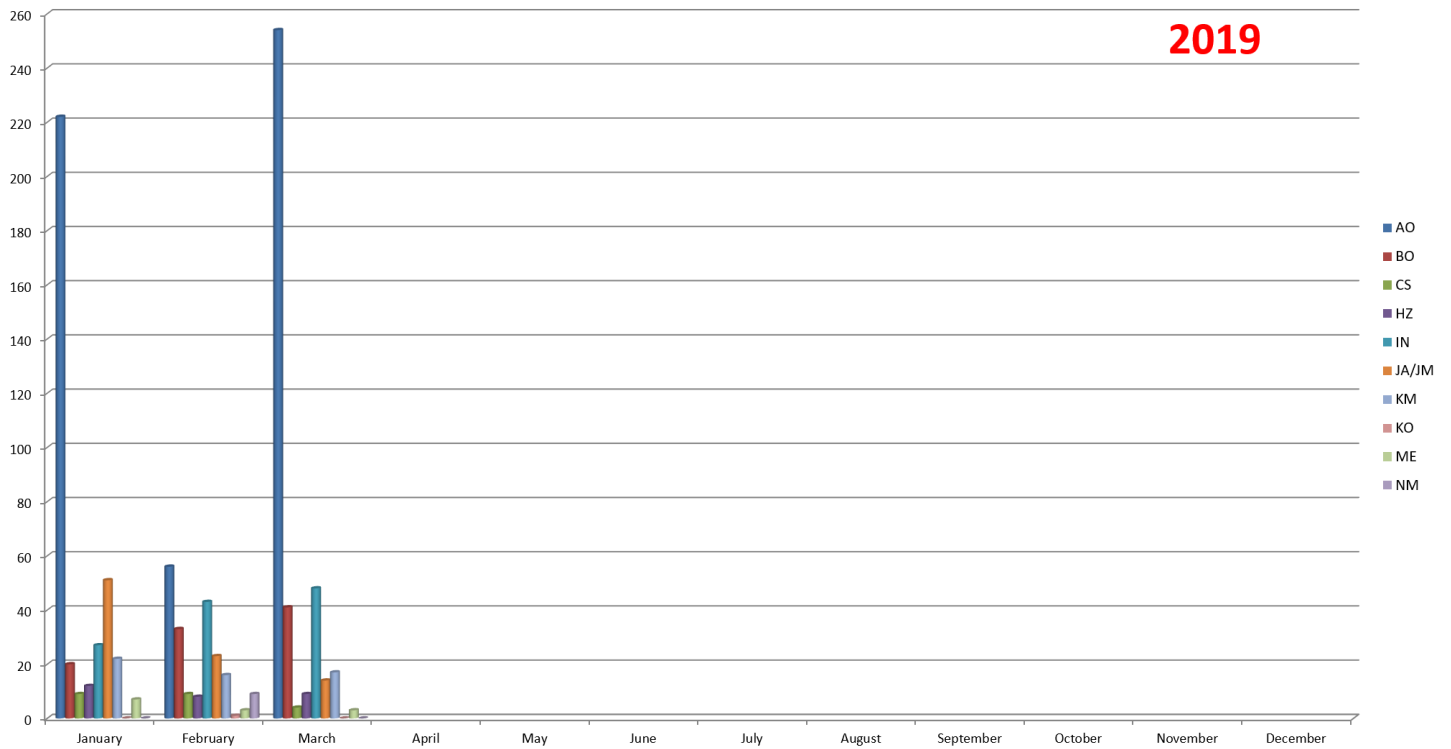
**Delayed mode percentage by DAC**

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



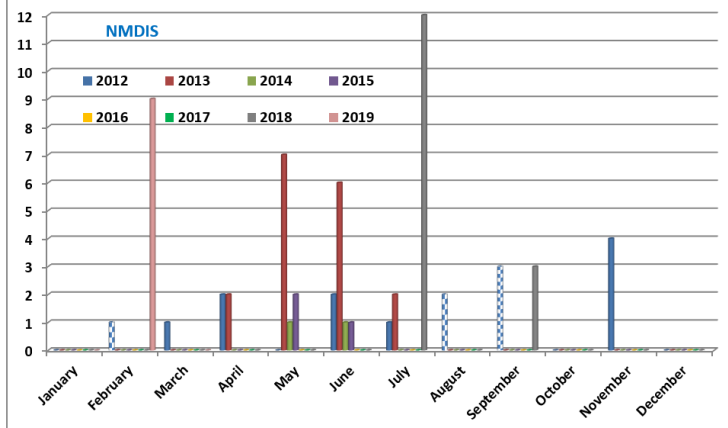
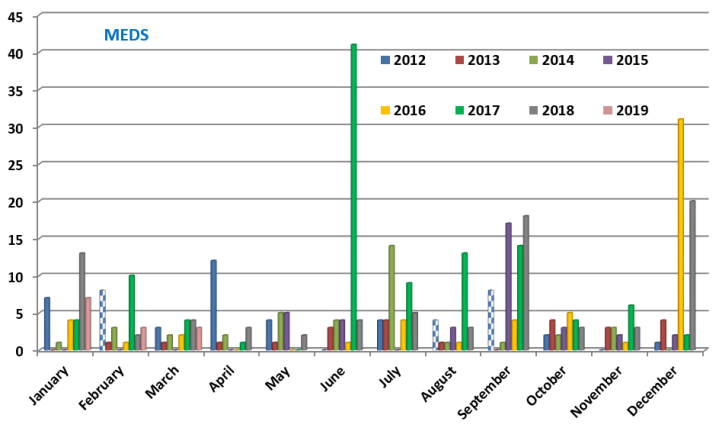
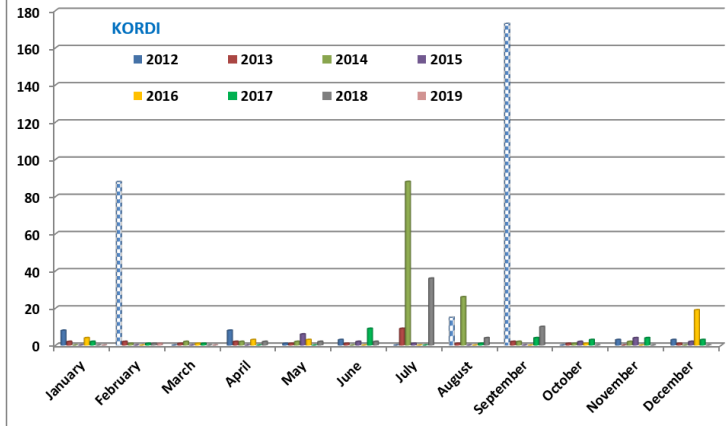
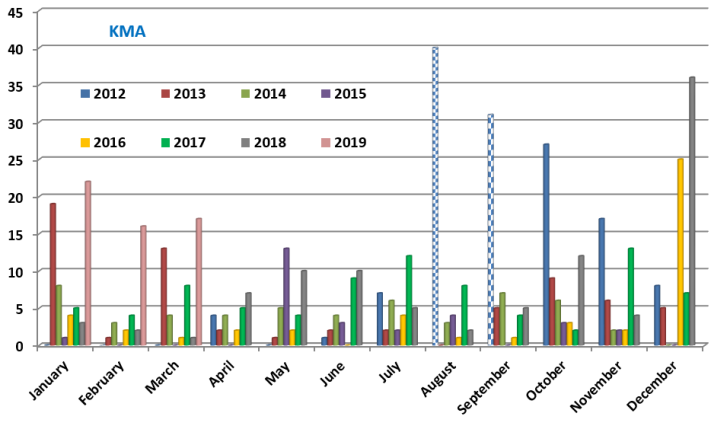
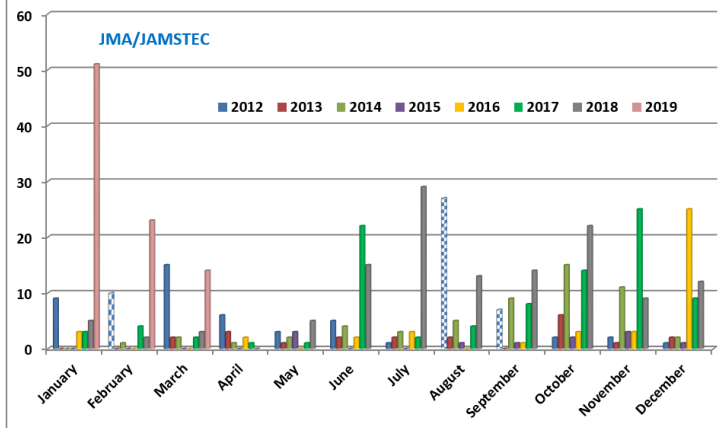
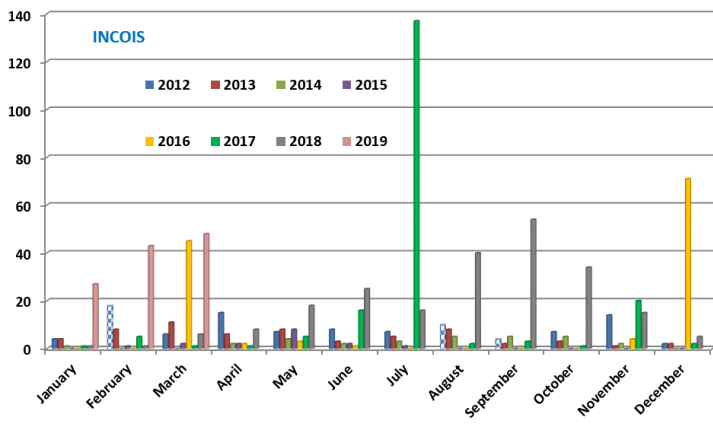
Plots showing evolution of number of anomalies by DAC.

16.1. Year



16.2. DAC





16.3. Anomalies by year, by month

