



# Anomalies on Argo profiles

From warning objective analysis, netcdf file analysis

## Format version

**February 2019**

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**Coriolis**

## NOTES

### NOVEMBER 2017

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

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

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

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

### DECEMBER 2017

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

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

### January 2018

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

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

The problem has been resolved rapidly.

### May 2018

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

### July 2018

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

# Anomalies by DAC

## Summary

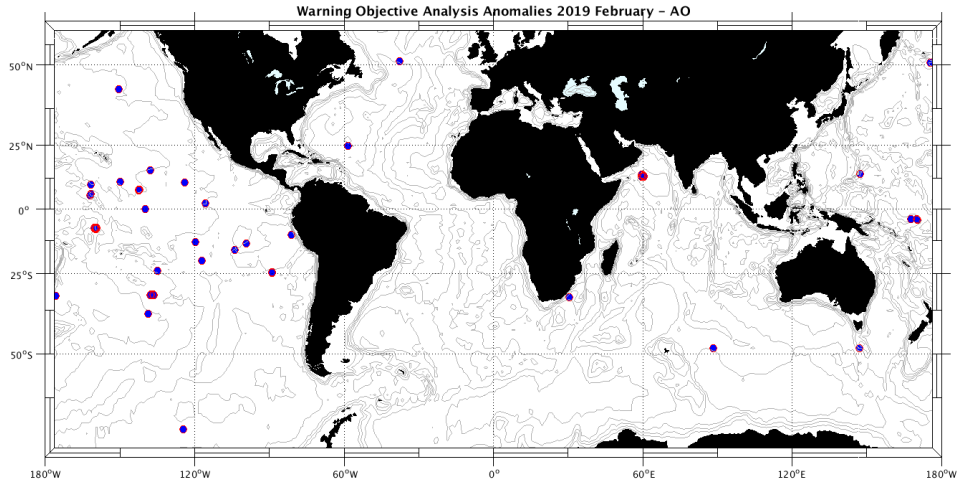
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# 1. DAC AOML

Profiles detected by the objective analysis: 56 profiles (31 floats, but floats can have several cycles with anomalies)

Data_mode ='R'	Data_mode ='A'	Data_mode ='D'
10 cycles	42 cycles	4 cycles

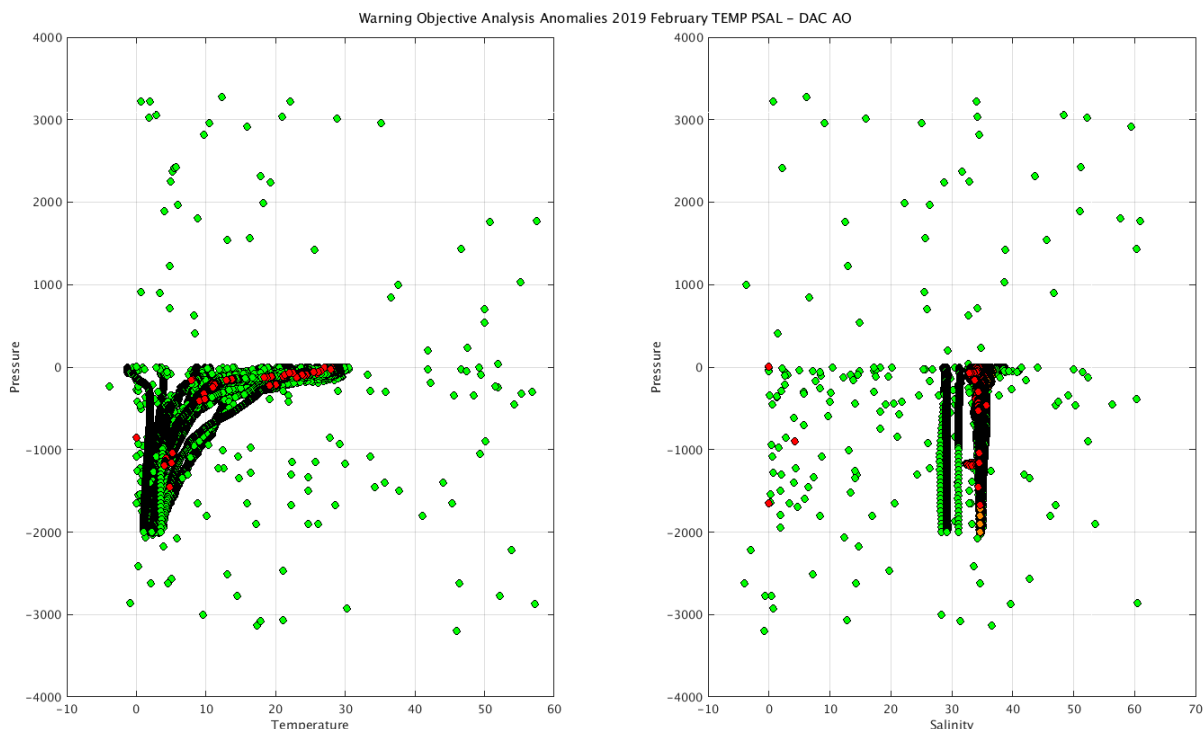


## Status of corrections: Done for few profiles – still bad QC no corrected

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

Float : 1901812	Cycle : 85	PI : BRECK OWENS, STEVEN JAYNE, P.E. ROBBINS	Data mode : R	Platform type : S2A	WMO inst type : 854	FLOAT SERIAL : 7325	Date : 2018	6	1
Float : 2902391	Cycle : 94	PI : BRECK OWENS, STEVEN JAYNE, P.E. ROBBINS	Data mode : R	Platform type : S2A	WMO inst type : 854	FLOAT SERIAL : 7331	Date : 2018	5	16
Float : 2902391	Cycle : 95	PI : BRECK OWENS, STEVEN JAYNE, P.E. ROBBINS	Data mode : R	Platform type : S2A	WMO inst type : 854	FLOAT SERIAL : 7331	Date : 2018	5	25
Float : 2902391	Cycle : 96	PI : BRECK OWENS, STEVEN JAYNE, P.E. ROBBINS	Data mode : R	Platform type : S2A	WMO inst type : 854	FLOAT SERIAL : 7331	Date : 2018	6	4
Float : 2902391	Cycle : 97	PI : BRECK OWENS, STEVEN JAYNE, P.E. ROBBINS	Data mode : R	Platform type : S2A	WMO inst type : 854	FLOAT SERIAL : 7331	Date : 2018	6	14
Float : 2902391	Cycle : 98	PI : BRECK OWENS, STEVEN JAYNE, P.E. ROBBINS	Data mode : R	Platform type : S2A	WMO inst type : 854	FLOAT SERIAL : 7331	Date : 2018	6	24
Float : 3901156	Cycle : 177	PI : GREGORY C. JOHNSON	Data mode : A	Platform type : NAVIS_A	WMO inst type : 863	FLOAT SERIAL : 0162	Date : 2019	1	30
Float : 3901171	Cycle : 165	PI : GREGORY C. JOHNSON	Data mode : A	Platform type : NAVIS_A	WMO inst type : 863	FLOAT SERIAL : 0289	Date : 2018	6	30
Float : 3901173	Cycle : 177	PI : GREGORY C. JOHNSON	Data mode : A	Platform type : NAVIS_A	WMO inst type : 863	FLOAT SERIAL : 0291	Date : 2019	1	27
Float : 3901187	Cycle : 178	PI : GREGORY C. JOHNSON	Data mode : A	Platform type : NAVIS_A	WMO inst type : 863	FLOAT SERIAL : 0300	Date : 2019	1	30
Float : 3901199	Cycle : 133	PI : GREGORY C. JOHNSON	Data mode : A	Platform type : NAVIS_A	WMO inst type : 863	FLOAT SERIAL : 0478	Date : 2019	1	31
Float : 3901203	Cycle : 80	PI : GREGORY C. JOHNSON	Data mode : A	Platform type : NAVIS_A	WMO inst type : 863	FLOAT SERIAL : 0559	Date : 2018	5	25
Float : 3901808	Cycle : 127	PI : BRECK OWENS, STEVEN JAYNE, P.E. ROBBINS	Data mode : R	Platform type : S2A	WMO inst type : 854	FLOAT SERIAL : 7411	Date : 2019	1	21
Float : 3901814	Cycle : 116	PI : BRECK OWENS, STEVEN JAYNE, P.E. ROBBINS	Data mode : R	Platform type : S2A	WMO inst type : 854	FLOAT SERIAL : 7417	Date : 2019	1	24
Float : 3901814	Cycle : 117	PI : BRECK OWENS, STEVEN JAYNE, P.E. ROBBINS	Data mode : R	Platform type : S2A	WMO inst type : 854	FLOAT SERIAL : 7417	Date : 2019	1	29
Float : 4901435	Cycle : 227	PI : GREGORY C. JOHNSON	Data mode : A	Platform type : APEX	WMO inst type : 846	FLOAT SERIAL : 5323	Date : 2018	5	14
Float : 4902087	Cycle : 129	PI : GREGORY C. JOHNSON	Data mode : A	Platform type : NAVIS_A	WMO inst type : 863	FLOAT SERIAL : 0537	Date : 2019	1	27
Float : 4902901	Cycle : 77	PI : GREGORY C. JOHNSON	Data mode : A	Platform type : NAVIS_A	WMO inst type : 863	FLOAT SERIAL : 0723	Date : 2019	1	18
Float : 4902901	Cycle : 78	PI : GREGORY C. JOHNSON	Data mode : A	Platform type : NAVIS_A	WMO inst type : 863	FLOAT SERIAL : 0723	Date : 2019	1	28
Float : 5901411	Cycle : 390	PI : GREGORY C. JOHNSON	Data mode : A	Platform type : APEX	WMO inst type : 846	FLOAT SERIAL : 3017	Date : 2018	5	7
Float : 5902232	Cycle : 328	PI : GREGORY C. JOHNSON	Data mode : A	Platform type : APEX	WMO inst type : 846	FLOAT SERIAL : 4179	Date : 2019	1	31
Float : 5902394	Cycle : 101	PI : DEAN ROEMMICH	Data mode : D	Platform type : SOLO_II	WMO inst type : 853	FLOAT SERIAL : 8347	Date : 2018	5	18
Float : 5902411	Cycle : 124	PI : DEAN ROEMMICH	Data mode : A	Platform type : SOLO_II	WMO inst type : 853	FLOAT SERIAL : 8398	Date : 2019	1	19
Float : 5902504	Cycle : 57	PI : DEAN ROEMMICH	Data mode : A	Platform type : SOLO_II	WMO inst type : 853	FLOAT SERIAL : 8514	Date : 2018	5	31
Float : 5902517	Cycle : 87	PI : DEAN ROEMMICH	Data mode : R	Platform type : SOLO_II	WMO inst type : 853	FLOAT SERIAL : 8528	Date : 2019	1	24
Float : 5903435	Cycle : 200	PI : STEPHEN RISER	Data mode : A	Platform type : APEX	WMO inst type : 846	FLOAT SERIAL : 5231	Date : 2018	6	14
Float : 5903981	Cycle : 197	PI : STEPHEN RISER	Data mode : A	Platform type : APEX	WMO inst type : 846	FLOAT SERIAL : 6219	Date : 2018	5	18
Float : 5903981	Cycle : 198	PI : STEPHEN RISER	Data mode : A	Platform type : APEX	WMO inst type : 846	FLOAT SERIAL : 6219	Date : 2018	5	28
Float : 5903981	Cycle : 200	PI : STEPHEN RISER	Data mode : A	Platform type : APEX	WMO inst type : 846	FLOAT SERIAL : 6219	Date : 2018	6	17
Float : 5903981	Cycle : 201	PI : STEPHEN RISER	Data mode : A	Platform type : APEX	WMO inst type : 846	FLOAT SERIAL : 6219	Date : 2018	6	28
Float : 5903990	Cycle : 197	PI : STEPHEN RISER	Data mode : A	Platform type : APEX	WMO inst type : 846	FLOAT SERIAL : 6121	Date : 2018	5	5
Float : 5903990	Cycle : 198	PI : STEPHEN RISER	Data mode : A	Platform type : APEX	WMO inst type : 846	FLOAT SERIAL : 6121	Date : 2018	5	15
Float : 5903990	Cycle : 199	PI : STEPHEN RISER	Data mode : A	Platform type : APEX	WMO inst type : 846	FLOAT SERIAL : 6121	Date : 2018	5	25
Float : 5903990	Cycle : 200	PI : STEPHEN RISER	Data mode : A	Platform type : APEX	WMO inst type : 846	FLOAT SERIAL : 6121	Date : 2018	6	4
Float : 5903990	Cycle : 201	PI : STEPHEN RISER	Data mode : A	Platform type : APEX	WMO inst type : 846	FLOAT SERIAL : 6121	Date : 2018	6	14
Float : 5904398	Cycle : 135	PI : STEPHEN RISER	Data mode : A	Platform type : APEX	WMO inst type : 846	FLOAT SERIAL : 6122	Date : 2018	5	7
Float : 5904398	Cycle : 136	PI : STEPHEN RISER	Data mode : A	Platform type : APEX	WMO inst type : 846	FLOAT SERIAL : 6122	Date : 2018	5	17
Float : 5904398	Cycle : 140	PI : STEPHEN RISER	Data mode : A	Platform type : APEX	WMO inst type : 846	FLOAT SERIAL : 6122	Date : 2018	6	27
Float : 5904401	Cycle : 135	PI : STEPHEN RISER	Data mode : A	Platform type : APEX	WMO inst type : 846	FLOAT SERIAL : 6930	Date : 2018	5	6
Float : 5904401	Cycle : 136	PI : STEPHEN RISER	Data mode : A	Platform type : APEX	WMO inst type : 846	FLOAT SERIAL : 6930	Date : 2018	5	16
Float : 5904401	Cycle : 137	PI : STEPHEN RISER	Data mode : A	Platform type : APEX	WMO inst type : 846	FLOAT SERIAL : 6930	Date : 2018	5	27
Float : 5904401	Cycle : 138	PI : STEPHEN RISER	Data mode : A	Platform type : APEX	WMO inst type : 846	FLOAT SERIAL : 6930	Date : 2018	6	6
Float : 5904401	Cycle : 139	PI : STEPHEN RISER	Data mode : A	Platform type : APEX	WMO inst type : 846	FLOAT SERIAL : 6930	Date : 2018	6	16
Float : 5904401	Cycle : 140	PI : STEPHEN RISER	Data mode : A	Platform type : APEX	WMO inst type : 846	FLOAT SERIAL : 6930	Date : 2018	6	26
Float : 5904402	Cycle : 136	PI : STEPHEN RISER	Data mode : A	Platform type : APEX	WMO inst type : 846	FLOAT SERIAL : 6931	Date : 2018	5	19
Float : 5904402	Cycle : 138	PI : STEPHEN RISER	Data mode : A	Platform type : APEX	WMO inst type : 846	FLOAT SERIAL : 6931	Date : 2018	6	8

Float : 5904402 Cycle : 139 PI : STEPHEN RISER Data mode : A Platform type : APEX WMO inst type : 846 FLOAT SERIAL : 6931 Date : 2018 6 19  
 Float : 5904402 Cycle : 140 PI : STEPHEN RISER Data mode : A Platform type : APEX WMO inst type : 846 FLOAT SERIAL : 6931 Date : 2018 6 29  
 Float : 5904457 Cycle : 127 PI : STEPHEN RISER Data mode : A Platform type : APEX WMO inst type : 846 FLOAT SERIAL : 6926 Date : 2018 5 7  
 Float : 5904463 Cycle : 262 PI : STEPHEN RISER Data mode : A Platform type : APEX WMO inst type : 846 FLOAT SERIAL : 6530 Date : 2018 6 7  
 Float : 5904666 Cycle : 183 PI : STEPHEN RISER Data mode : A Platform type : APEX WMO inst type : 846 FLOAT SERIAL : 7446 Date : 2018 6 29  
 Float : 5904718 Cycle : 87 PI : GREGORY C. JOHNSON Data mode : D Platform type : NAVIS\_A WMO inst type : 863 FLOAT SERIAL : 0503 Date : 2018 6 6  
 Float : 5904718 Cycle : 88 PI : GREGORY C. JOHNSON Data mode : D Platform type : NAVIS\_A WMO inst type : 863 FLOAT SERIAL : 0503 Date : 2018 6 16  
 Float : 5904718 Cycle : 89 PI : GREGORY C. JOHNSON Data mode : D Platform type : NAVIS\_A WMO inst type : 863 FLOAT SERIAL : 0503 Date : 2018 6 26  
 Float : 5904773 Cycle : 75 PI : STEPHEN RISER Data mode : A Platform type : APEX WMO inst type : 846 FLOAT SERIAL : 7393 Date : 2018 6 1  
 Float : 7900211 Cycle : 122 PI : DEAN ROEMMICH Data mode : A Platform type : SOLO\_II WMO inst type : 853 FLOAT SERIAL : 8329 Date : 2018 5 31



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

AO,1901515,283,08/02/2019 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=63143757> ,PRES,0,0,1,4,Primary sampling  
 AO,1901515,283,08/02/2019 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=63143757> ,PRES,438.9,438.9,1,4,Primary sampling  
 AO,1901515,283,08/02/2019 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=63143757> ,PRES\_ADJUSTED,0,0,1,4,Primary sampling  
 AO,1901515,283,08/02/2019 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=63143757> ,PRES\_ADJUSTED,438.9,438.9,1,4,Primary sampling  
 AO,1901515,283,08/02/2019 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=63143757> ,PSAL,-1037.7,-1037.7,1,4,Primary sampling  
 AO,1901515,283,08/02/2019 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=63143757> ,PSAL,1572.2,1572.2,1,4,Primary sampling  
 AO,1901515,283,08/02/2019 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=63143757> ,PSAL\_ADJUSTED,-1037.7,-1037.7,1,4,Primary sampling  
 AO,1901515,283,08/02/2019 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=63143757> ,PSAL\_ADJUSTED,1572.2,1572.2,1,4,Primary sampling  
 AO,1901515,283,08/02/2019 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=63143757> ,TEMP,-1558.7,-1037.7,1,4,Primary sampling  
 AO,1901515,283,08/02/2019 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=63143757> ,TEMP,438.9,438.9,1,4,Primary sampling  
 AO,1901515,283,08/02/2019 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=63143757> ,TEMP\_ADJUSTED,-1558.7,-1037.7,1,4,Primary sampling  
 AO,1901515,283,08/02/2019 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=63143757> ,TEMP\_ADJUSTED,438.9,438.9,1,4,Primary sampling  
 AO,1901515,284,18/02/2019 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=63215816> ,PSAL,-3039.6,-3039.6,1,4,Primary sampling  
 AO,1901515,284,18/02/2019 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=63215816> ,PSAL,0,0,1,4,Primary sampling  
 AO,1901515,284,18/02/2019 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=63215816> ,PSAL\_ADJUSTED,-3039.6,-3039.6,1,4,Primary sampling  
 AO,1901515,284,18/02/2019 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=63215816> ,PSAL\_ADJUSTED,0,0,1,4,Primary sampling  
 AO,1901515,284,18/02/2019 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=63215816> ,TEMP,-3039.6,-3039.6,1,4,Primary sampling  
 AO,1901515,284,18/02/2019 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=63215816> ,TEMP,-437,-437,1,4,Primary sampling  
 AO,1901515,284,18/02/2019 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=63215816> ,TEMP,0,0,1,4,Primary sampling  
 AO,1901515,284,18/02/2019 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=63215816> ,TEMP\_ADJUSTED,-3039.6,-3039.6,1,4,Primary sampling  
 AO,1901515,284,18/02/2019 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=63215816> ,TEMP\_ADJUSTED,-437,-437,1,4,Primary sampling  
 AO,1901515,284,18/02/2019 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=63215816> ,TEMP\_ADJUSTED,0,0,1,4,Primary sampling  
 AO,1901650,223,12/02/2019 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=63168385> ,PSAL,1.16,234.08,3,4,Primary sampling  
 AO,1901650,223,12/02/2019 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=63168385> ,PSAL,237.88,237.88,3,4,Primary sampling  
 AO,1901650,223,12/02/2019 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=63168385> ,PSAL,241.96,241.96,3,4,Primary sampling  
 AO,1901650,223,12/02/2019 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=63168385> ,PSAL,248.12,260.08,3,4,Primary sampling  
 AO,1901650,223,12/02/2019 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=63168385> ,PSAL,264.04,264.04,3,4,Primary sampling  
 AO,1901650,223,12/02/2019 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=63168385> ,PSAL,271.96,271.96,1,4,Primary sampling  
 AO,1901650,223,12/02/2019 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=63168385> ,PSAL,286.04,286.04,1,4,Primary sampling  
 AO,1901650,223,12/02/2019 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=63168385> ,PSAL,302.306,302.306,1,4,Primary sampling  
 AO,1901650,223,12/02/2019 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=63168385> ,PSAL,316.04,316.04,1,4,Primary sampling  
 AO,1901650,223,12/02/2019 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=63168385> ,PSAL,326.04,328.08,1,4,Primary sampling  
 AO,1901650,223,12/02/2019 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=63168385> ,PSAL,334.04,341.96,1,4,Primary sampling

















































































































































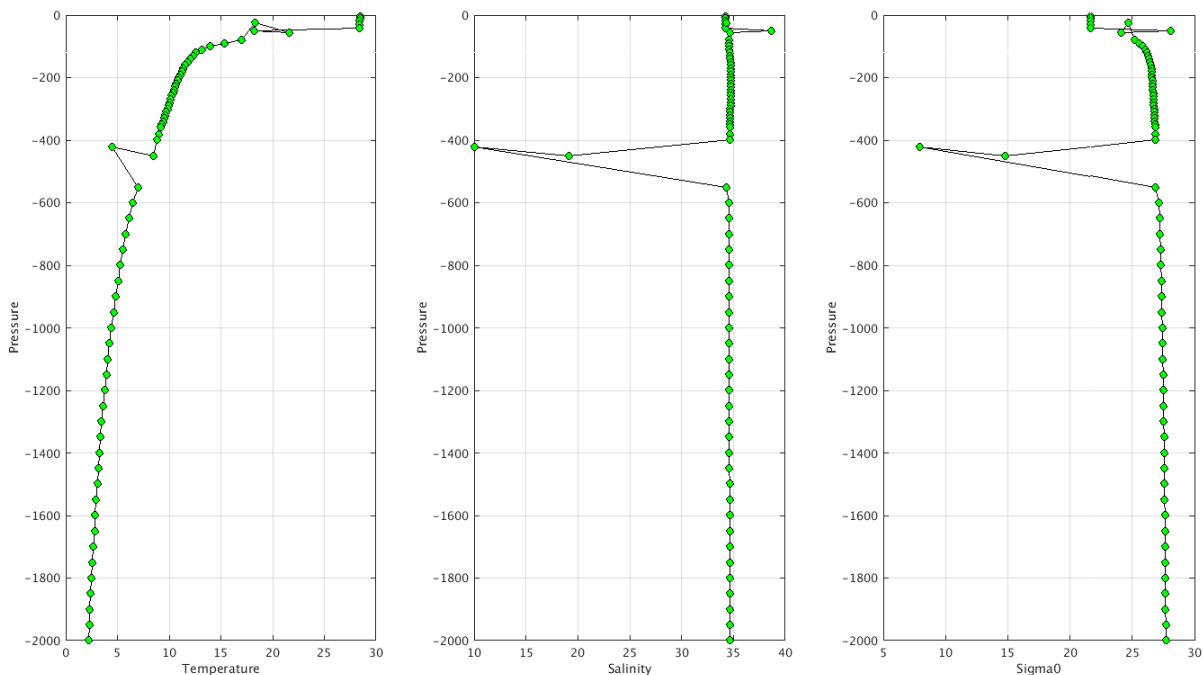


AO,5905379,38,11/02/2019 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=63167907 ,PSAL\_ADJUSTED,4.2,1999.11,1,4,Primary sampling  
 AO,5905379,39,20/02/2019 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=63241932 ,PSAL,4.4,1998.21,1,4,Primary sampling  
 AO,5905379,39,20/02/2019 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=63241932 ,PSAL\_ADJUSTED,4.4,1998.21,1,4,Primary sampling  
 AO,5905679,38,14/02/2019 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=63199688 ,PSAL,,4.,4,1,4,Near-surface sampling  
 AO,5905679,38,24/02/2019 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=63199688 ,PSAL,,4.,4,1,4,Near-surface sampling  
 AO,5905710,17,11/02/2019 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=63075349 ,PSAL,1,1,1,4,Primary sampling  
 AO,5905710,17,30/01/2019 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=63075349 ,PSAL,1,1,1,4,Primary sampling  
 AO,5905719,16,04/02/2019 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=63039393 ,PSAL,233.92,284.12,1,4,Primary sampling  
 AO,5905743,22,31/01/2019 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=63078667 ,PSAL,318,378,1,4,Primary sampling  
 AO,5905743,22,31/01/2019 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=63078667 ,PSAL,384,652,1,4,Primary sampling  
 AO,5905743,22,31/01/2019 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=63078667 ,PSAL\_ADJUSTED,318,378,1,4,Primary sampling  
 AO,5905743,22,31/01/2019 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=63078667 ,PSAL\_ADJUSTED,384,652,1,4,Primary sampling  
 AO,5905779,0,05/02/2019 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=63114175 ,PSAL,,2.,2,1,4,Near-surface sampling  
 AO,7900208,149,04/02/2019 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=63039446 ,PSAL,1.12,234.04,1,4,Primary sampling  
 AO,7900211,122,10/06/2018 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=59391731 ,PSAL\_ADJUSTED,1972,1974,1,4,Primary sampling  
 AO,7900211,122,10/06/2018 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=59391731 ,PSAL\_ADJUSTED,252,252,1,4,Primary sampling  
 AO,7900667,104,01/02/2019 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=63090337 ,PSAL,1.08,28,1,4,Primary sampling  
 AO,7900667,104,01/02/2019 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=63090337 ,PSAL,211.96,332,1,4,Primary sampling  
 AO,7900667,104,01/02/2019 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=63090337 ,PSAL,34,38,1,4,Primary sampling  
 AO,7900667,104,01/02/2019 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=63090337 ,PSAL,44,206,1,4,Primary sampling  
 AO,7900681,40,13/02/2019 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=63184265 ,PSAL,1.04,1.04,1,4,Primary sampling  
 AO,7900681,40,13/02/2019 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=63184266 ,PSAL,,.68,.68,1,4,Near-surface sampling  
 AO,7900681,40,14/02/2019 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=63184266 ,PSAL,,.68,.68,1,4,Near-surface sampling  
 AO,7900681,40,23/02/2019 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=63184265 ,PSAL,1.04,1.04,1,4,Primary sampling  
 AO,7900681,40,23/02/2019 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=63184266 ,PSAL,,.68,.68,1,4,Near-surface sampling  
 AO,7900681,40,26/02/2019 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=63184266 ,PSAL,,.68,.68,1,4,Near-surface sampling

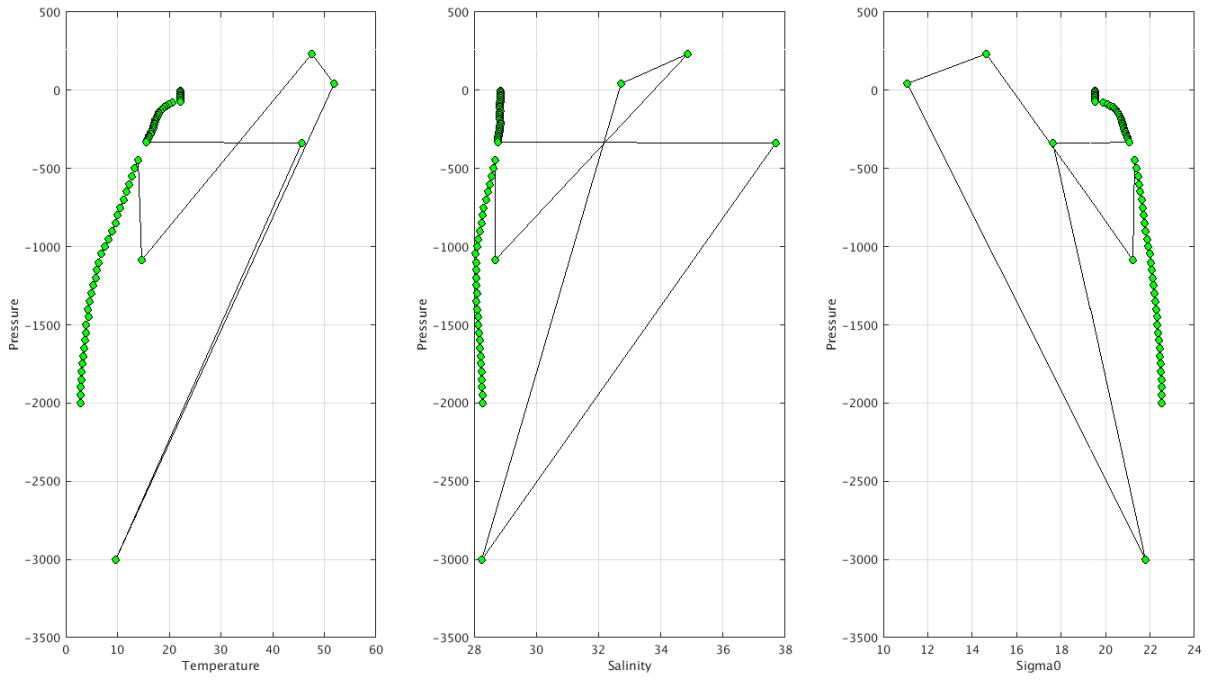
**APEX to put on the grey list:**

Example of corrections:

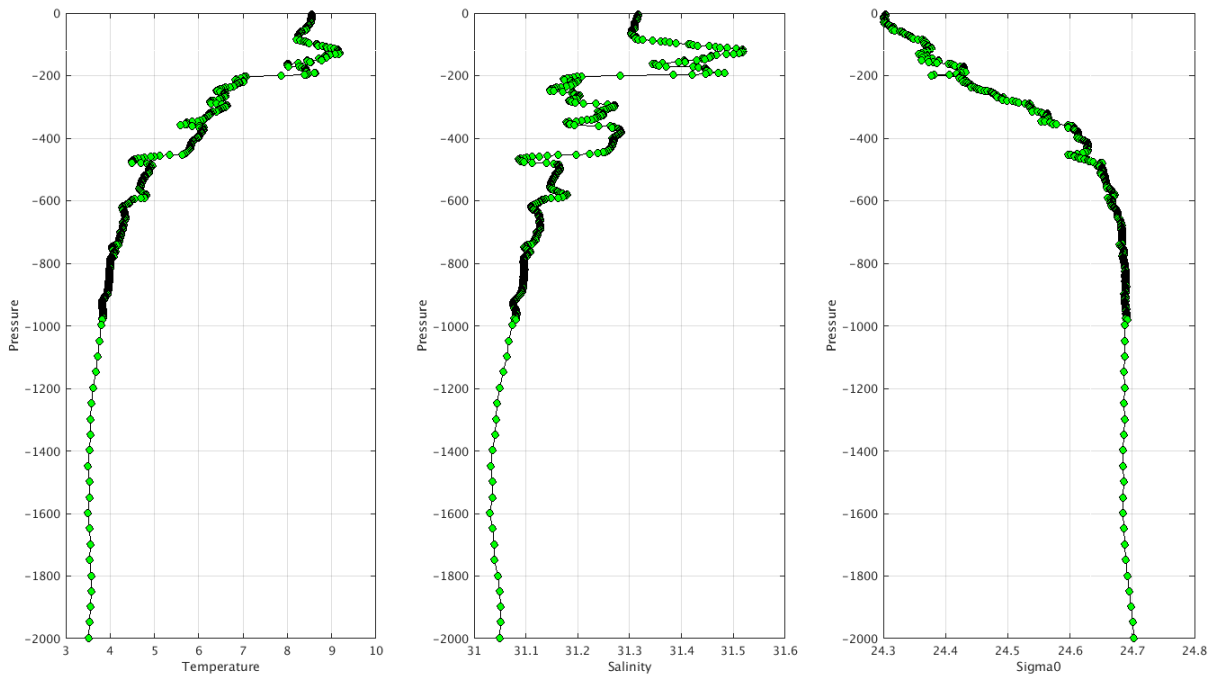
Warning Objective Analysis Anomalies 2019 February TEMP PSAL : DAC AO- Float 5904402 - 139



Warning Objective Analysis Anomalies 2019 February TEMP PSAL : DAC AO- Float 5904457 - 127



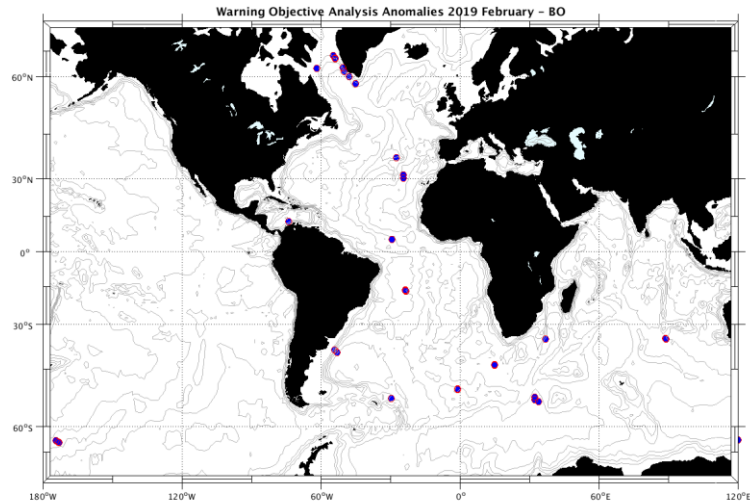
Warning Objective Analysis Anomalies 2019 February TEMP PSAL : DAC AO- Float 5904773 - 75



## 2. DAC BODC

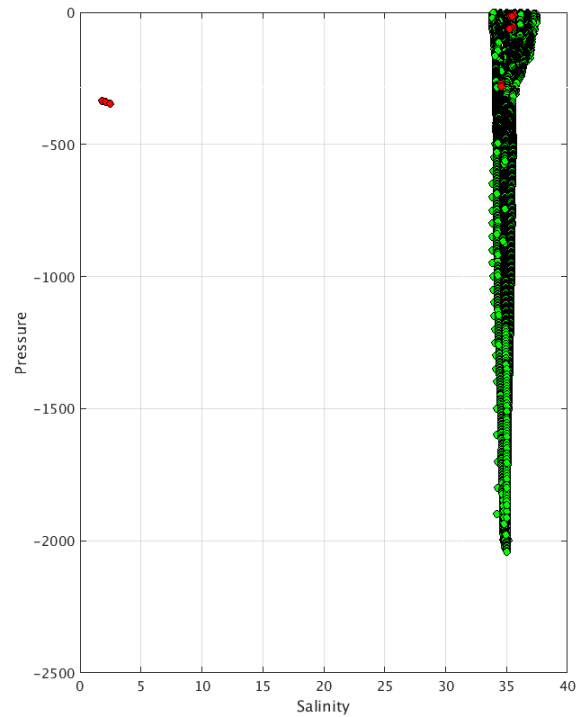
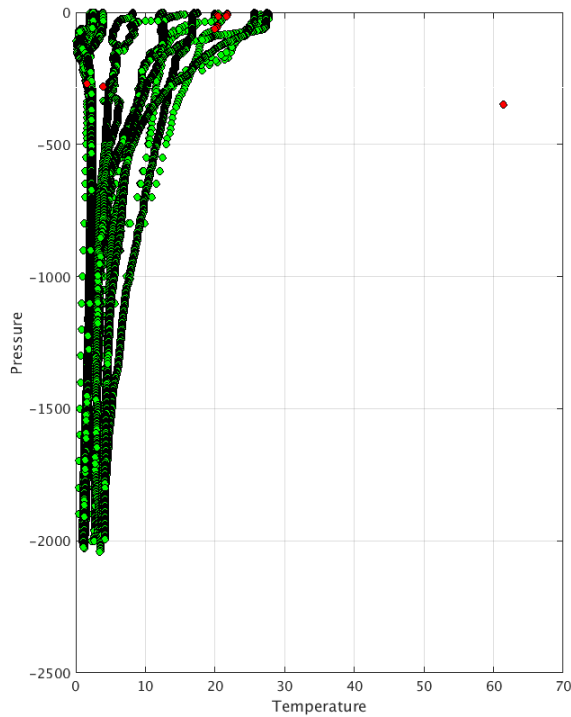
Profiles detected by the objective analysis: 33 profiles (14 floats – float can have several cycles with anomalies)

Data_mode ='R'	Data_mode ='A'	Data_mode ='D'
14 cycles	10 cycles	9 cycles



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

Float : 1901280 - Cycle : 263 - PI : Jon Turton - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 4999 - Date : 2019 2 5  
 Float : 1901280 - Cycle : 264 - PI : Jon Turton - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 4999 - Date : 2019 2 15  
 Float : 1901300 - Cycle : 217 - PI : Jon Turton - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 5590 - Date : 2019 2 18  
 Float : 1901305 - Cycle : 215 - PI : Jon Turton - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 6242 - Date : 2019 2 2  
 Float : 1901305 - Cycle : 216 - PI : Jon Turton - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 6242 - Date : 2019 2 12  
 Float : 1901305 - Cycle : 217 - PI : Jon Turton - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 6242 - Date : 2019 2 22  
 Float : 3901532 - Cycle : 42 - PI : Jon Turton - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7590 - Date : 2018 5 6  
 Float : 3901548 - Cycle : 12 - PI : Jon Turton - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7001 - Date : 2019 2 2  
 Float : 3901548 - Cycle : 13 - PI : Jon Turton - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7001 - Date : 2019 2 12  
 Float : 3901548 - Cycle : 14 - PI : Jon Turton - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7001 - Date : 2019 2 22  
 Float : 3901883 - Cycle : 75 - PI : Andreas Sterl - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : AI2600-16FR046 - Date : 2019 2 9  
 Float : 3901883 - Cycle : 76 - PI : Andreas Sterl - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : AI2600-16FR046 - Date : 2019 2 19  
 Float : 3901889 - Cycle : 68 - PI : Andreas Sterl - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : AI2600-16FR052 - Date : 2019 2 7  
 Float : 3901889 - Cycle : 69 - PI : Andreas Sterl - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : AI2600-16FR052 - Date : 2019 2 17  
 Float : 3901904 - Cycle : 34 - PI : Pierre-Marie Poulain - Data mode : D - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : AR2600-16FR067 - Date : 2017 12 22  
 Float : 3901904 - Cycle : 75 - PI : Pierre-Marie Poulain - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : AR2600-16FR067 - Date : 2019 2 5  
 Float : 3901904 - Cycle : 76 - PI : Pierre-Marie Poulain - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : AR2600-16FR067 - Date : 2019 2 15  
 Float : 3901904 - Cycle : 77 - PI : Pierre-Marie Poulain - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : AR2600-16FR067 - Date : 2019 2 25  
 Float : 3901946 - Cycle : 26 - PI : Andreas Sterl - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : AI2600-16FR089 - Date : 2018 10 2  
 Float : 3901946 - Cycle : 27 - PI : Andreas Sterl - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : AI2600-16FR089 - Date : 2018 10 12  
 Float : 3901954 - Cycle : 51 - PI : Andy Rees - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : AI2600-16FR097 - Date : 2019 2 23  
 Float : 3901970 - Cycle : 20 - PI : Romain Cancouet - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : AI2600-16FR113 - Date : 2019 1 28  
 Float : 3901979 - Cycle : 123 - PI : Femke de Jong - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : AI2600-16FR122 - Date : 2019 2 9  
 Float : 6900198 - Cycle : 5 - PI : Jon Turton - Data mode : D - Platform type : PROVOR - WMO inst type : 842 - FLOAT SERIAL : OIN-00-02-34 - Date : 2002 1 26  
 Float : 6900198 - Cycle : 14 - PI : Jon Turton - Data mode : D - Platform type : PROVOR - WMO inst type : 842 - FLOAT SERIAL : OIN-00-02-34 - Date : 2002 4 26  
 Float : 6900198 - Cycle : 16 - PI : Jon Turton - Data mode : D - Platform type : PROVOR - WMO inst type : 842 - FLOAT SERIAL : OIN-00-02-34 - Date : 2002 5 16  
 Float : 6900198 - Cycle : 18 - PI : Jon Turton - Data mode : D - Platform type : PROVOR - WMO inst type : 842 - FLOAT SERIAL : OIN-00-02-34 - Date : 2002 6 5  
 Float : 6900198 - Cycle : 28 - PI : Jon Turton - Data mode : D - Platform type : PROVOR - WMO inst type : 842 - FLOAT SERIAL : OIN-00-02-34 - Date : 2002 9 13  
 Float : 6900198 - Cycle : 29 - PI : Jon Turton - Data mode : D - Platform type : PROVOR - WMO inst type : 842 - FLOAT SERIAL : OIN-00-02-34 - Date : 2002 9 23  
 Float : 6900198 - Cycle : 32 - PI : Jon Turton - Data mode : D - Platform type : PROVOR - WMO inst type : 842 - FLOAT SERIAL : OIN-00-02-34 - Date : 2002 10 23  
 Float : 6900198 - Cycle : 42 - PI : Jon Turton - Data mode : D - Platform type : PROVOR - WMO inst type : 842 - FLOAT SERIAL : OIN-00-02-34 - Date : 2003 1 31  
 Float : 6901151 - Cycle : 82 - PI : Giorgio Dall'Olmo - Data mode : R - Platform type : PROVOR\_III - WMO inst type : 836 - FLOAT SERIAL : OIN13EN-S4-01 - Date : 2014 6 12  
 Float : 6901151 - Cycle : 170 - PI : Giorgio Dall'Olmo - Data mode : R - Platform type : PROVOR\_III - WMO inst type : 836 - FLOAT SERIAL : OIN13EN-S4-01 - Date : 2015 6 29



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

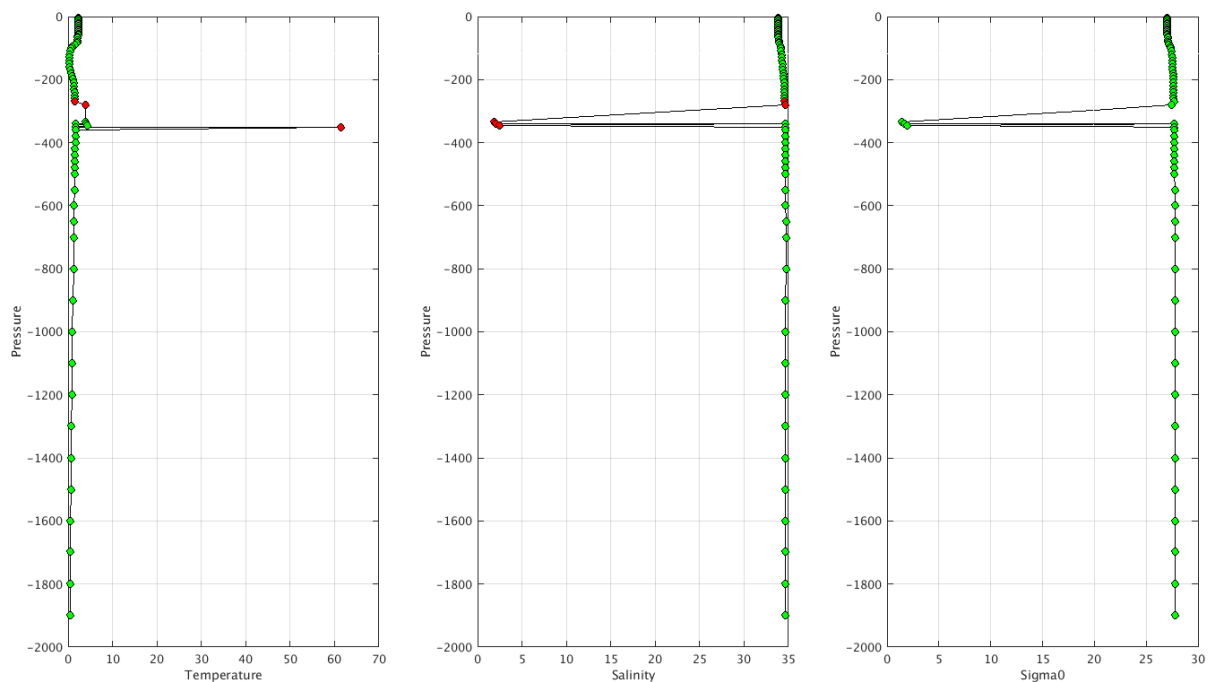
BO,1901280,263,06/02/2019 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=63129939> ,PSAL,3.9,1997.1,1,3,Primary sampling  
 BO,1901280,263,06/02/2019 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=63129939> ,PSAL\_ADJUSTED,3.9,1997.1,1,3,Primary sampling  
 BO,1901280,264,16/02/2019 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=63200196> ,PSAL,20.1,2000.3,1,3,Primary sampling  
 BO,1901280,264,16/02/2019 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=63200196> ,PSAL,4.6,3.1,3,Primary sampling  
 BO,1901280,264,16/02/2019 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=63200196> ,PSAL\_ADJUSTED,20.1,2000.3,1,3,Primary sampling  
 BO,1901280,264,16/02/2019 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=63200196> ,PSAL\_ADJUSTED,4.6,3.1,3,Primary sampling  
 BO,1901300,217,18/02/2019 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=63218857> ,PSAL,1998.8,1998.8,1,4,Primary sampling  
 BO,1901300,217,18/02/2019 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=63218857> ,PSAL\_ADJUSTED,1998.8,1998.8,1,4,Primary sampling  
 BO,1901305,215,02/02/2019 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=63095916> ,PSAL,10.6,1900.2,1,3,Primary sampling  
 BO,1901305,215,02/02/2019 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=63095916> ,PSAL\_ADJUSTED,10.6,1900.2,1,3,Primary sampling  
 BO,1901305,216,12/02/2019 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=63168265> ,PSAL,9.5,1899.6,1,3,Primary sampling  
 BO,1901305,216,12/02/2019 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=63168265> ,PSAL\_ADJUSTED,9.5,1899.6,1,3,Primary sampling  
 BO,1901305,217,22/02/2019 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=63253125> ,PSAL,9.7,1900.3,1,3,Primary sampling  
 BO,1901305,217,22/02/2019 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=63253125> ,PSAL\_ADJUSTED,9.7,1900.3,1,3,Primary sampling  
 BO,3901532,42,06/05/2018 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=56381357> ,TEMP\_ADJUSTED,334.6,339.2,1,4,Primary sampling  
 BO,3901532,42,06/05/2018 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=56381357> ,TEMP\_ADJUSTED,346.2,346.2,1,4,Primary sampling  
 BO,3901548,12,02/02/2019 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=63105176> ,PSAL,4,1899.3,1,3,Primary sampling  
 BO,3901548,12,02/02/2019 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=63105176> ,PSAL\_ADJUSTED,4,1899.3,1,3,Primary sampling  
 BO,3901548,13,12/02/2019 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=63181505> ,PSAL,10.2,1899.7,1,3,Primary sampling  
 BO,3901548,13,12/02/2019 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=63181505> ,PSAL\_ADJUSTED,10.2,1899.7,1,3,Primary sampling  
 BO,3901548,14,22/02/2019 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=63253452> ,PSAL,3.7,1899.5,1,4,Primary sampling  
 BO,3901548,14,22/02/2019 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=63253452> ,PSAL\_ADJUSTED,3.7,1899.5,1,4,Primary sampling  
 BO,3901548,14,22/02/2019 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=63253452> ,TEMP,3.7,1899.5,1,3,Primary sampling  
 BO,3901548,14,22/02/2019 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=63253452> ,TEMP\_ADJUSTED,3.7,1899.5,1,3,Primary sampling  
 BO,3901883,75,09/02/2019 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=63149781> ,PSAL,2.9,1985.3,1,3,Primary sampling  
 BO,3901883,76,20/02/2019 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=63238865> ,PSAL,2.9,2008.7,1,3,Primary sampling  
 BO,3901889,68,07/02/2019 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=63143758> ,PSAL,3.1,1990.3,1,3,Primary sampling  
 BO,3901889,69,17/02/2019 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=63215476> ,PSAL,151.2,165.8,1,4,Primary sampling  
 BO,3901889,69,17/02/2019 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=63215476> ,PSAL,169.6,2001.6,1,4,Primary sampling  
 BO,3901889,69,17/02/2019 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=63215476> ,PSAL,23.7,76.2,1,4,Primary sampling  
 BO,3901889,69,17/02/2019 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=63215476> ,PSAL,3.5,1.4,Primary sampling  
 BO,3901889,69,17/02/2019 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=63215476> ,PSAL,79.3,146.5,1,4,Primary sampling  
 BO,3901889,69,17/02/2019 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=63215476> ,PSAL,8.2,21.1,1,4,Primary sampling  
 BO,3901904,34,23/01/2019 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=54512910> ,PSAL,125.7,125.7,1,4,Primary sampling  
 BO,3901904,34,23/01/2019 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=54512910> ,PSAL,183.4,183.4,1,4,Primary sampling  
 BO,3901904,34,23/01/2019 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=54512910> ,PSAL,36.8,37.6,1,4,Primary sampling  
 BO,3901904,34,23/01/2019 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=54512910> ,PSAL\_ADJUSTED,125.7,125.7,1,4,Primary sampling  
 BO,3901904,34,23/01/2019 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=54512910> ,PSAL\_ADJUSTED,183.4,183.4,1,4,Primary sampling  
 BO,3901904,34,23/01/2019 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=54512910> ,PSAL\_ADJUSTED,36.8,37.6,1,4,Primary sampling  
 BO,3901904,75,05/02/2019 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=63117123> ,PSAL,143.2,155.3,1,3,Primary sampling  
 BO,3901904,75,05/02/2019 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=63117123> ,PSAL,158.1,2029.2,1,3,Primary sampling  
 BO,3901904,75,05/02/2019 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=63117123> ,PSAL,3.1,139.9,1,3,Primary sampling  
 BO,3901904,76,15/02/2019 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=63199862> ,PSAL,2.8,60,1,4,Primary sampling  
 BO,3901904,76,15/02/2019 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=63199862> ,PSAL,63,2022.4,1,4,Primary sampling



BO,3901904,77,25/02/2019 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=63272567 ,PSAL,2.9,238.7,1,4,Primary sampling  
BO,3901904,77,25/02/2019 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=63272567 ,PSAL,241.7,2026.5,1,4,Primary sampling  
BO,3901946,26,03/10/2018 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=61349562 ,PSAL,453.8,453.8,1,4,Primary sampling  
BO,3901946,26,03/10/2018 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=61349562 ,TEMP,453.8,453.8,1,4,Primary sampling  
BO,3901946,27,13/10/2018 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=61449607 ,PSAL,79.5,79.5,1,4,Primary sampling  
BO,3901946,27,13/10/2018 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=61449607 ,TEMP,78.5,79.5,4,1,Primary sampling  
BO,3901954,51,23/02/2019 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=63265501 ,PSAL,2.9,2040.6,1,4,Primary sampling  
BO,3901970,20,28/01/2019 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=63057167 ,PSAL,207.7,307.3,1,4,Primary sampling  
BO,3901970,20,28/01/2019 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=63057167 ,PSAL,315.7,469.1,1,4,Primary sampling  
BO,3901970,20,28/01/2019 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=63057167 ,PSAL,473.4,473.4,1,4,Primary sampling  
BO,3901979,123,09/02/2019 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=63158386 ,PSAL,1762.6,1762.6,1,4,Primary sampling  
BO,3901979,123,09/02/2019 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=63158386 ,TEMP,1754.6,1758.6,4,1,Primary sampling  
BO,6900198,14,01/02/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=240538 ,TEMP,66,110,1,4,Primary sampling  
BO,6900198,14,01/02/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=240538 ,TEMP\_ADJUSTED,66,110,1,4,Primary sampling  
BO,6900198,16,01/02/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=239491 ,TEMP,1659,1659,2,4,Primary sampling  
BO,6900198,16,01/02/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=239491 ,TEMP,579,579,2,4,Primary sampling  
BO,6900198,16,01/02/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=239491 ,TEMP\_ADJUSTED,1659,1659,2,4,Primary sampling  
BO,6900198,16,01/02/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=239491 ,TEMP\_ADJUSTED,579,579,2,4,Primary sampling  
BO,6900198,18,01/02/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=237435 ,TEMP,2029,2029,1,4,Primary sampling  
BO,6900198,28,01/02/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=321532 ,PSAL,1764,1780,1,4,Primary sampling  
BO,6900198,29,01/02/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=326576 ,TEMP,1150,1150,1,4,Primary sampling  
BO,6900198,32,01/02/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=343175 ,PSAL,1884,1884,1,4,Primary sampling  
BO,6900198,42,01/02/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=388165 ,PSAL,1035,1041,1,4,Primary sampling  
BO,6900198,5,01/02/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=27182 ,TEMP,127,127,2,4,Primary sampling  
BO,6900198,5,01/02/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=27182 ,TEMP\_ADJUSTED,127,127,2,4,Primary sampling  
BO,6901151,170,27/02/2019 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=62530946 ,PSAL,105.5,140.6,1,4,Primary sampling  
BO,6901151,170,27/02/2019 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=62530946 ,PSAL,147.7,176.5,1,4,Primary sampling  
BO,6901151,170,27/02/2019 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=62530946 ,PSAL,186.4,1012.1,1,4,Primary sampling  
BO,6901151,170,27/02/2019 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=62530946 ,PSAL,2.6,67.4,1,4,Primary sampling  
BO,6901151,170,27/02/2019 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=62530946 ,PSAL,71.5,102.6,1,4,Primary sampling  
BO,6901151,170,27/02/2019 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=62530946 ,TEMP,103.7,104.5,4,1,Primary sampling  
BO,6901151,170,27/02/2019 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=62530946 ,TEMP,141.4,146.6,4,1,Primary sampling  
BO,6901151,170,27/02/2019 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=62530946 ,TEMP,177.5,185.3,4,1,Primary sampling  
BO,6901151,170,27/02/2019 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=62530946 ,TEMP,68.5,70.7,4,1,Primary sampling  
BO,6901151,82,27/02/2019 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=62530403 ,PSAL,378.7,385.6,1,4,Primary sampling  
BO,6901151,82,27/02/2019 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=62530403 ,PSAL,388.5,430.7,1,4,Primary sampling  
BO,6901151,82,27/02/2019 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=62530403 ,PSAL,434.6,546.7,1,4,Primary sampling  
BO,6901151,82,27/02/2019 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=62530403 ,TEMP,386.7,387.4,4,1,Primary sampling  
BO,6901151,82,27/02/2019 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=62530403 ,TEMP,431.5,433.4,4,1,Primary sampling

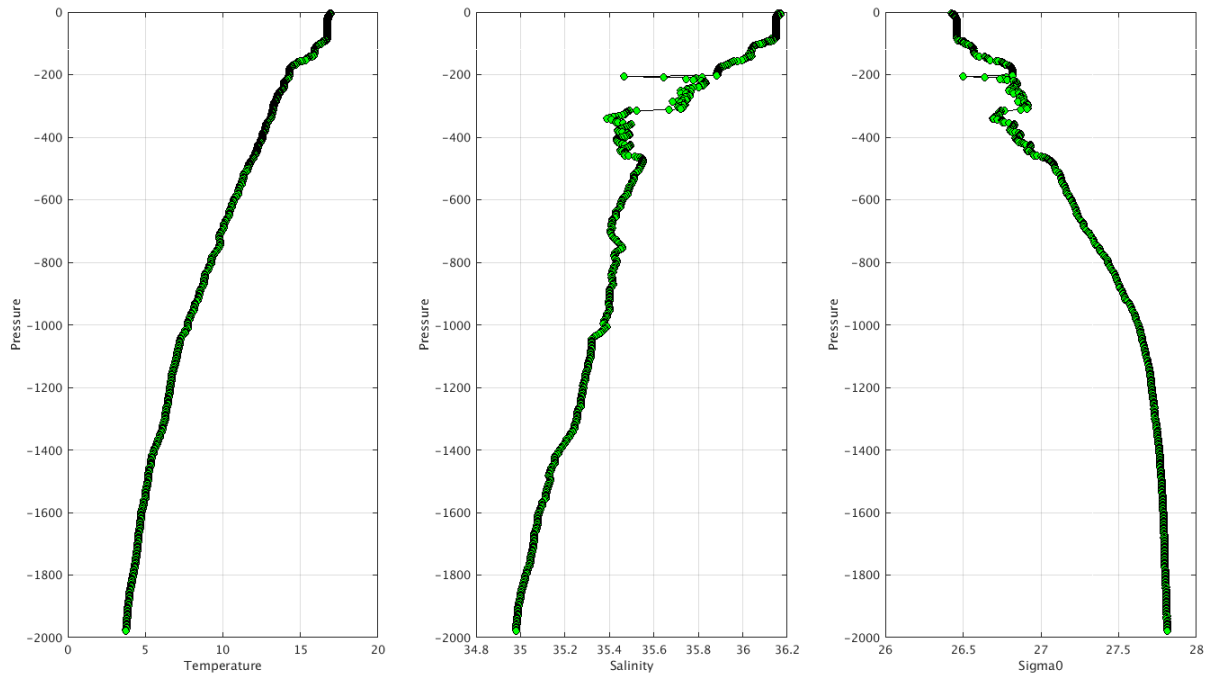
Example of corrections:

Warning Objective Analysis Anomalies 2019 February TEMP PSAL : DAC BO - Float 3901532 - 42

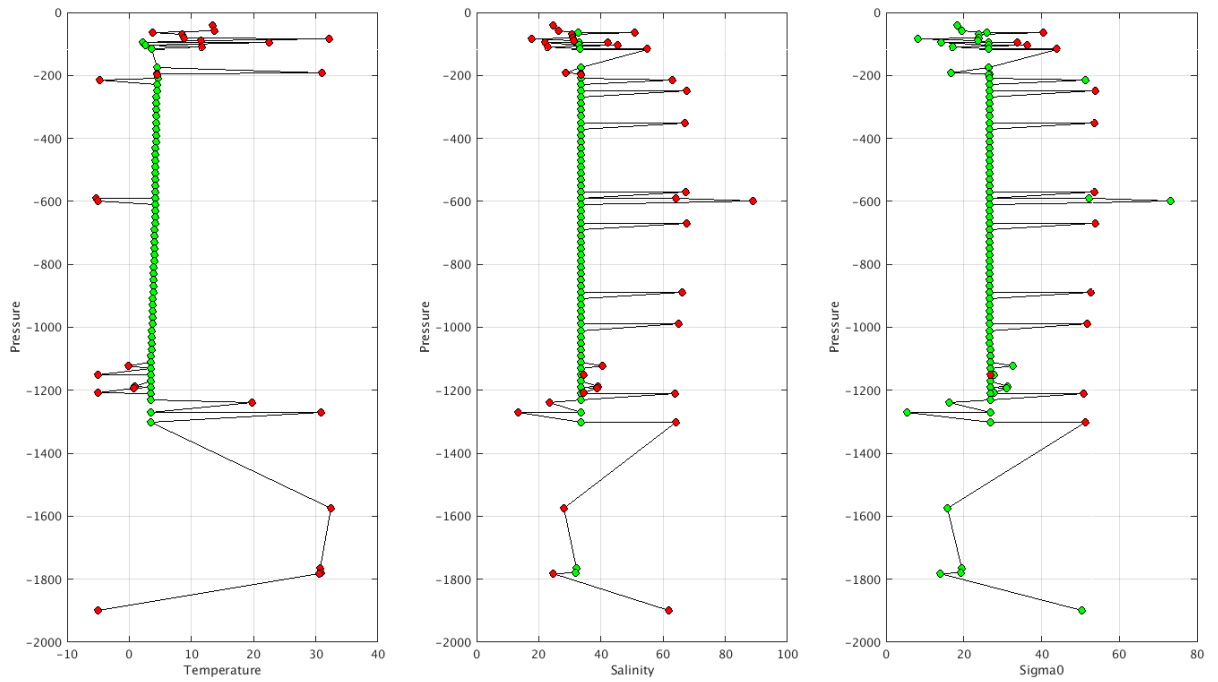




Warning Objective Analysis Anomalies 2019 February TEMP PSAL : DAC BO - Float 3901970 - 20



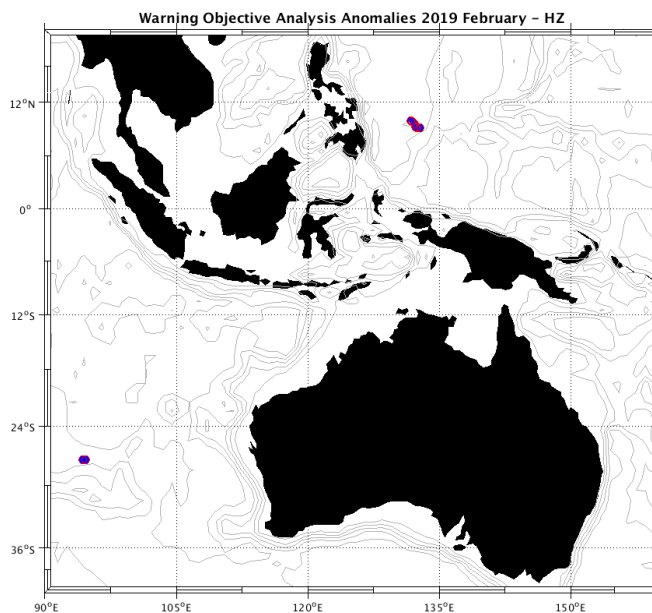
Warning Objective Analysis Anomalies 2019 February TEMP PSAL : DAC BO - Float 6900198 - 28



### 3. DAC CSIO

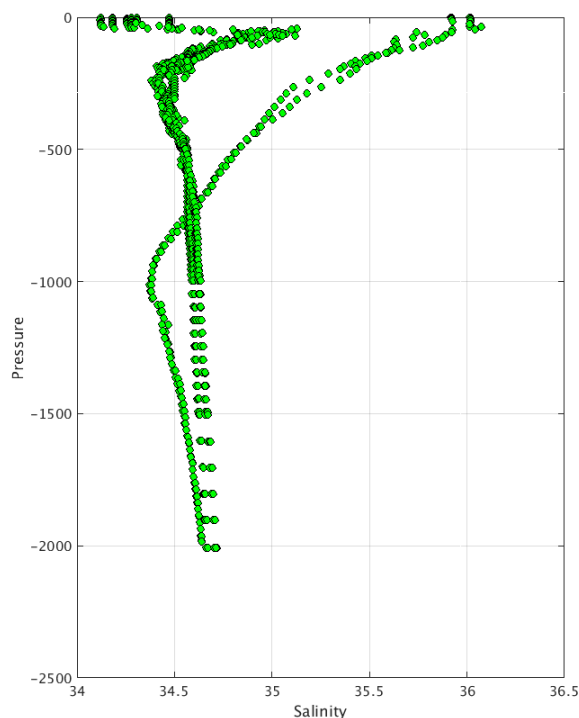
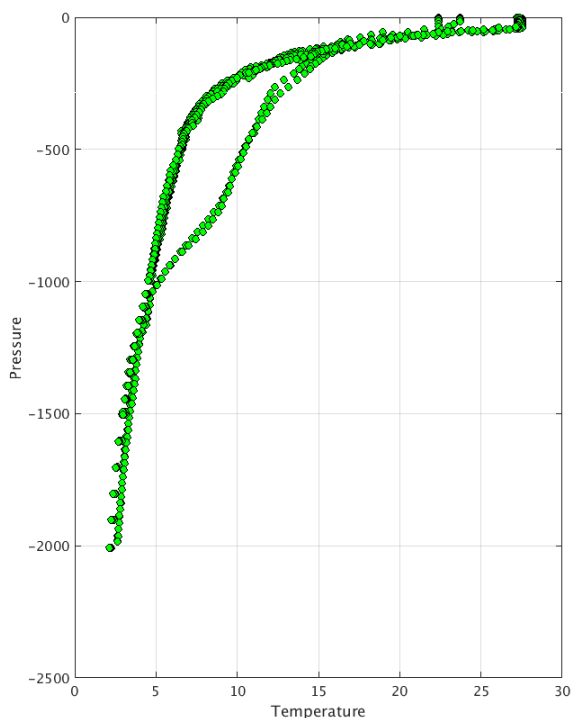
Profiles detected by the objective analysis: 8 profiles (2 floats – float can have several cycles with anomalies)

Data_mode ='R'	Data_mode ='A'	Data_mode ='D'
0 cycle	8 cycles	0 cycle



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

Float : 2902600 - Cycle : 161 - PI : ZENGHONG LIU - Data mode : A - Platform type : PROVOR - WMO inst type : 841 - FLOAT SERIAL : OIN-13CH-S31-13 - Date : 2019 2 5  
 Float : 2902600 - Cycle : 162 - PI : ZENGHONG LIU - Data mode : A - Platform type : PROVOR - WMO inst type : 841 - FLOAT SERIAL : OIN-13CH-S31-13 - Date : 2019 2 16  
 Float : 2902715 - Cycle : 78 - PI : JIANPING XU - Data mode : A - Platform type : HM2000 - WMO inst type : 870 - FLOAT SERIAL : HM2000-2017-022 - Date : 2019 1 31  
 Float : 2902715 - Cycle : 79 - PI : JIANPING XU - Data mode : A - Platform type : HM2000 - WMO inst type : 870 - FLOAT SERIAL : HM2000-2017-022 - Date : 2019 2 5  
 Float : 2902715 - Cycle : 80 - PI : JIANPING XU - Data mode : A - Platform type : HM2000 - WMO inst type : 870 - FLOAT SERIAL : HM2000-2017-022 - Date : 2019 2 10  
 Float : 2902715 - Cycle : 81 - PI : JIANPING XU - Data mode : A - Platform type : HM2000 - WMO inst type : 870 - FLOAT SERIAL : HM2000-2017-022 - Date : 2019 2 15  
 Float : 2902715 - Cycle : 83 - PI : JIANPING XU - Data mode : A - Platform type : HM2000 - WMO inst type : 870 - FLOAT SERIAL : HM2000-2017-022 - Date : 2019 2 20  
 Float : 2902715 - Cycle : 84 - PI : JIANPING XU - Data mode : A - Platform type : HM2000 - WMO inst type : 870 - FLOAT SERIAL : HM2000-2017-022 - Date : 2019 2 25

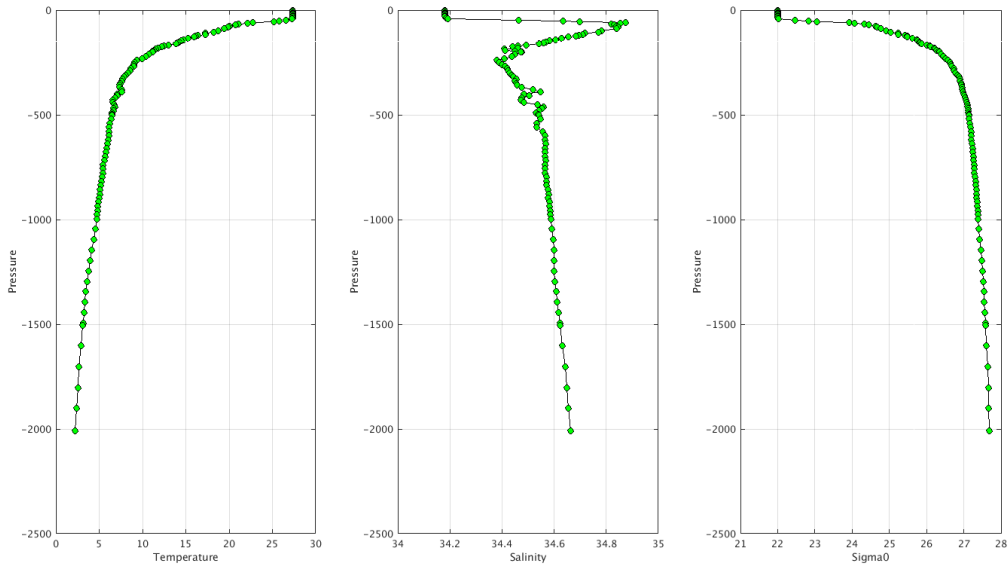


DAC\_CODE,PLATFORM\_CODE,CV\_NUMBER,DATE\_UPDATE,DIRECTION,WEB\_URL,PARAMETER,START\_IMMERSION,STOP\_IMMERSION,OLD\_QC,NEW\_QC,VERTICAL\_SAMPLING\_SCHEME

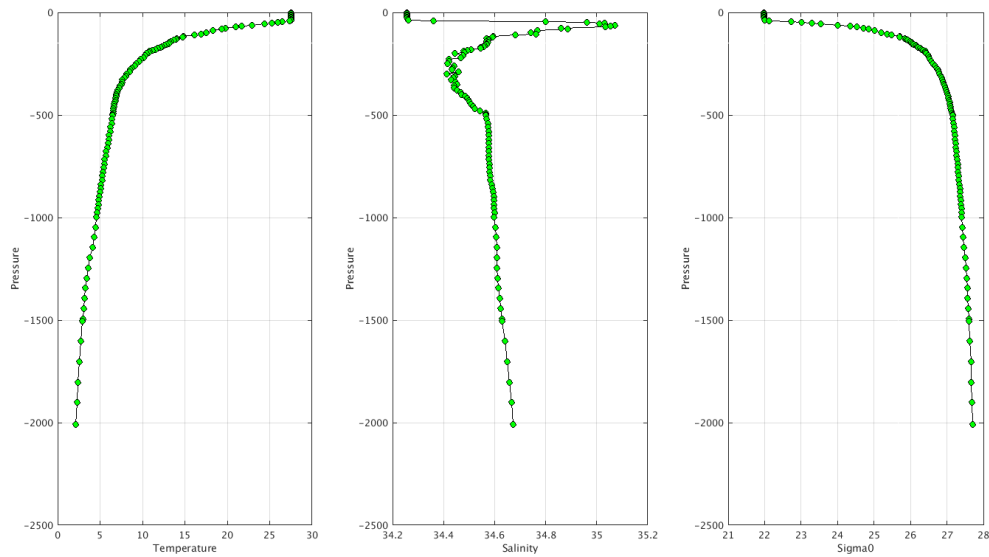
HZ,2902600,161,06/02/2019 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=63132582> ,PSAL,2,1979,1,3,Primary sampling  
HZ,2902600,161,06/02/2019 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=63132582> ,PSAL\_ADJUSTED,2,1979,1,3,Primary sampling  
HZ,2902600,162,16/02/2019 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=63212602> ,PSAL,1,1983,1,3,Primary sampling  
HZ,2902600,162,16/02/2019 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=63212602> ,PSAL\_ADJUSTED,1,1983,1,3,Primary sampling  
HZ,2902715,78,31/01/2019 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=63078780> ,PSAL,2.7,2007.3,1,3,Primary sampling  
HZ,2902715,78,31/01/2019 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=63078780> ,PSAL\_ADJUSTED,2.7,2007.3,1,3,Primary sampling  
HZ,2902715,79,05/02/2019 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=63129642> ,PSAL,3,2007.2,1,3,Primary sampling  
HZ,2902715,79,05/02/2019 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=63129642> ,PSAL\_ADJUSTED,3,2007.2,1,3,Primary sampling  
HZ,2902715,80,10/02/2019 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=63161024> ,PSAL,3.5,2007.5,1,3,Primary sampling  
HZ,2902715,80,10/02/2019 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=63161024> ,PSAL\_ADJUSTED,3.5,2007.5,1,3,Primary sampling  
HZ,2902715,81,15/02/2019 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=63199806> ,PSAL,2.8,2008.4,1,3,Primary sampling  
HZ,2902715,81,15/02/2019 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=63199806> ,PSAL\_ADJUSTED,2.8,2008.4,1,3,Primary sampling  
HZ,2902715,83,25/02/2019 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=63272612> ,PSAL,2.4,2007.6,1,3,Primary sampling  
HZ,2902715,83,25/02/2019 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=63272612> ,PSAL\_ADJUSTED,2.4,2007.6,1,3,Primary sampling  
HZ,2902715,84,25/02/2019 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=63272613> ,PSAL,3.1,2007.7,1,3,Primary sampling  
HZ,2902715,84,25/02/2019 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=63272613> ,PSAL\_ADJUSTED,3.1,2007.7,1,3,Primary sampling

Example of corrections:

Warning Objective Analysis Anomalies 2019 February TEMP PSAL : DAC HZ- Float 2902715 - 78



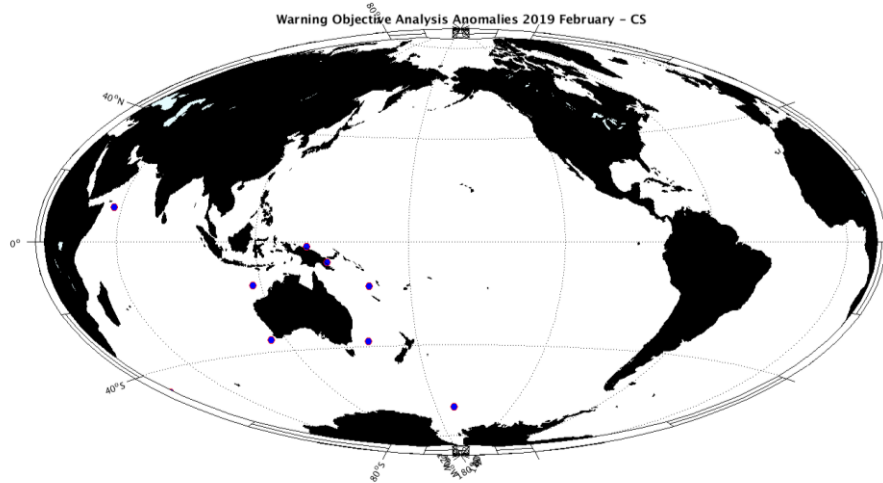
Warning Objective Analysis Anomalies 2019 February TEMP PSAL : DAC HZ- Float 2902715 - 80



## 4. DAC CSIRO

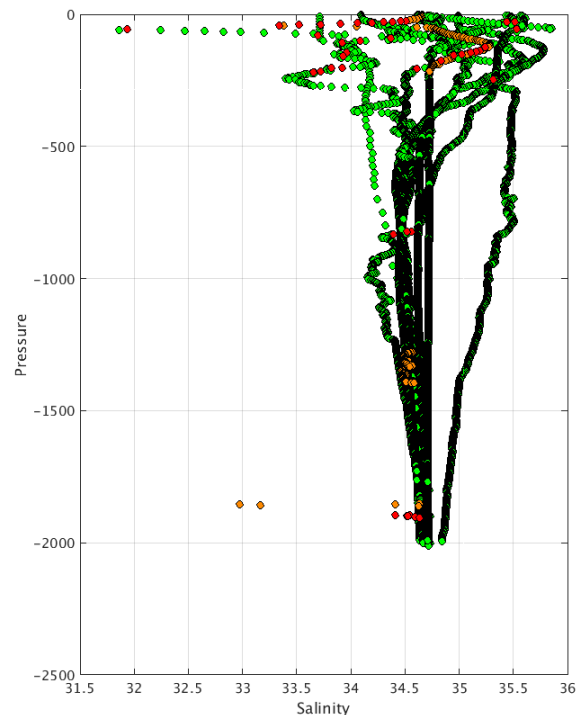
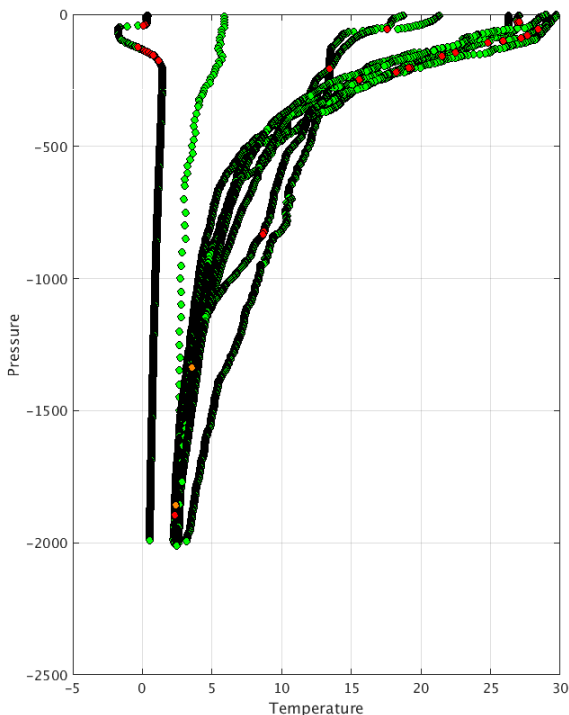
Profiles detected by the objective analysis: 9 profiles (9 floats – float can have several cycles with anomalies)

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



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

Float : 2901855 - Cycle : 202 - PI : Susan Wijffels - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 5930 - Date : 2019 2 19  
 Float : 5903227 - Cycle : 309 - PI : Susan Wijffels - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 4723 - Date : 2018 5 14  
 Float : 5904253 - Cycle : 207 - PI : Susan Wijffels - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 6547 - Date : 2019 2 25  
 Float : 5904907 - Cycle : 127 - PI : Susan Wijffels - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 6540 - Date : 2018 5 1  
 Float : 5905040 - Cycle : 99 - PI : Susan Wijffels - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7604 - Date : 2019 2 17  
 Float : 5905385 - Cycle : 47 - PI : Peter Oke - Data mode : A - Platform type : NAVIS\_EBR - WMO inst type : 869 - FLOAT SERIAL : 796 - Date : 2019 2 23  
 Float : 5905400 - Cycle : 33 - PI : Peter Oke - Data mode : A - Platform type : NAVIS\_EBR - WMO inst type : 869 - FLOAT SERIAL : 904 - Date : 2019 2 23  
 Float : 5905418 - Cycle : 13 - PI : Peter Oke - Data mode : A - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : AI2600-18AU001 - Date : 2019 2 15  
 Float : 7900628 - Cycle : 32 - PI : Steve Rintoul - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 8151 - Date : 2019 2 9



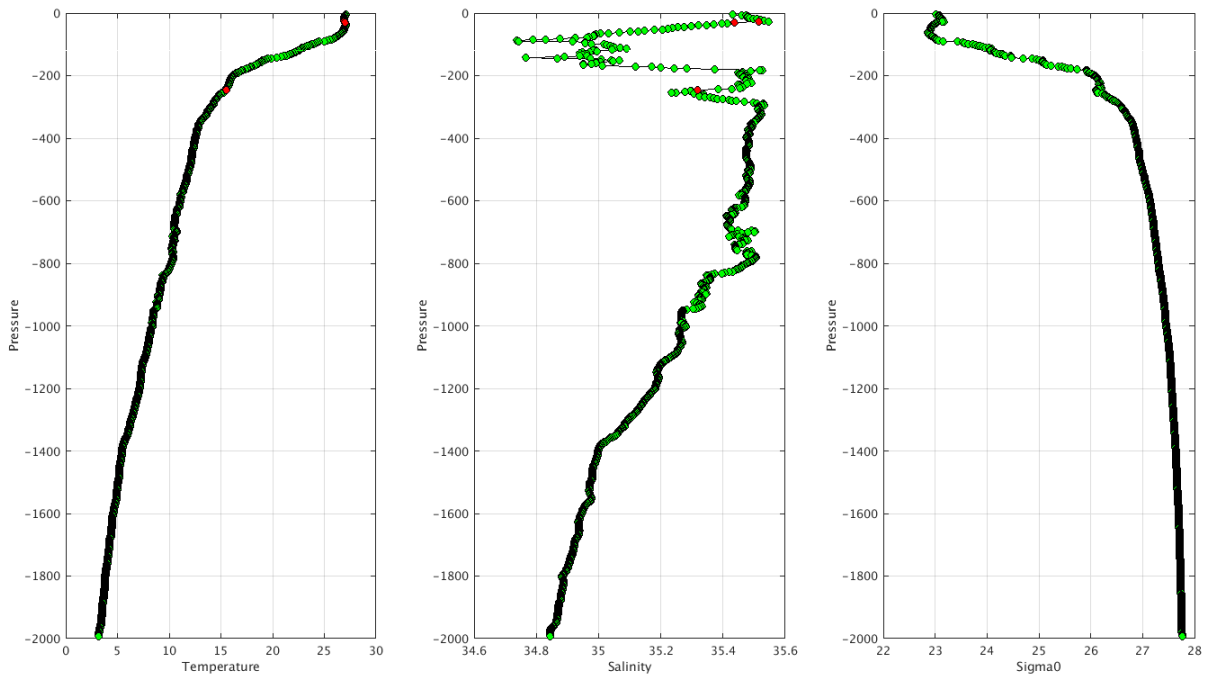




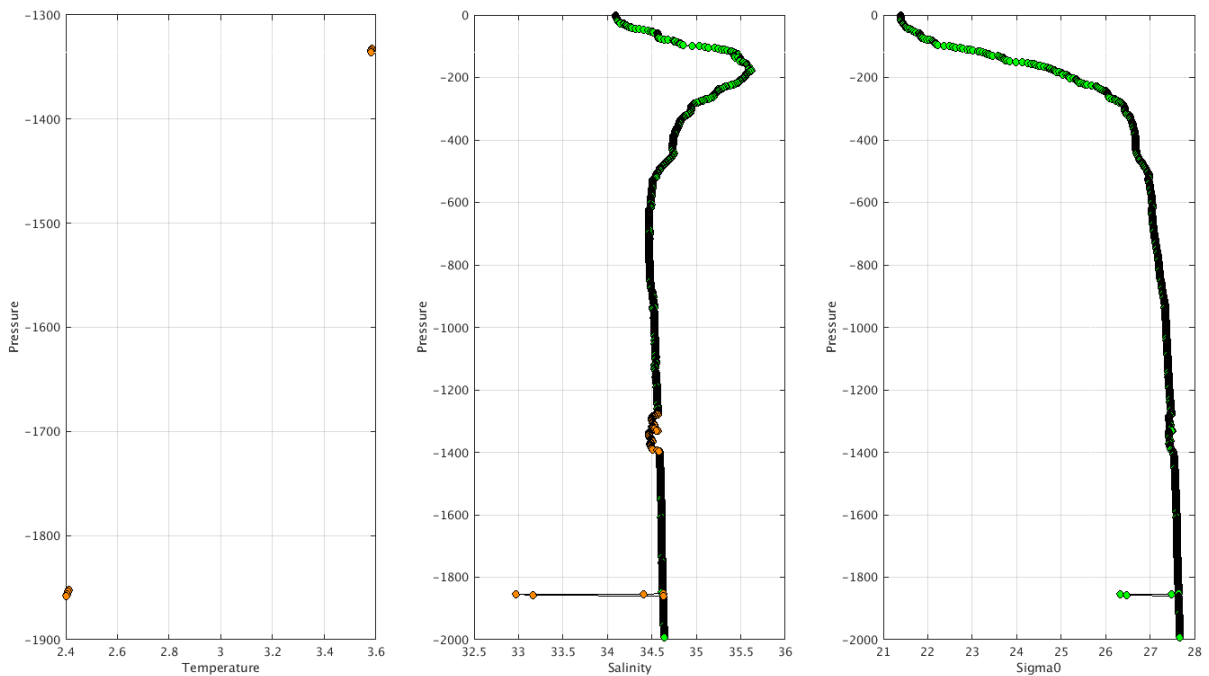
CS,7900628,32,09/02/2019 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=63158534 ,TEMP,126,126,4,1,Primary sampling  
 CS,7900628,32,09/02/2019 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=63158534 ,TEMP,138,140,4,1,Primary sampling  
 CS,7900628,32,09/02/2019 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=63158534 ,TEMP,146,146,4,1,Primary sampling  
 CS,7900628,32,09/02/2019 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=63158534 ,TEMP,152,154,4,1,Primary sampling  
 CS,7900628,32,09/02/2019 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=63158534 ,TEMP,176,176,4,1,Primary sampling  
 CS,7900628,32,09/02/2019 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=63158534 ,TEMP,24,42,4,1,Primary sampling

Example of corrections:

Warning Objective Analysis Anomalies 2019 February TEMP PSAL : DAC CS- Float 2901855 - 202



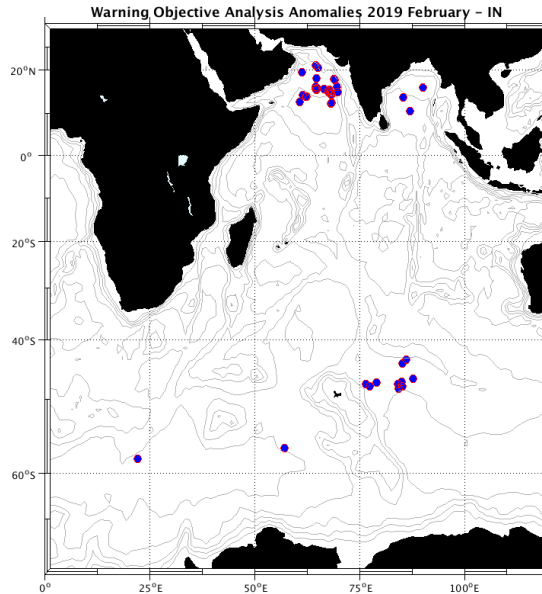
Warning Objective Analysis Anomalies 2019 February TEMP PSAL : DAC CS- Float 5904907 - 127



## 5. DAC INCOIS

Profiles detected by the objective analysis: 43 profiles ( 22 floats – float can have several cycles with anomalies)

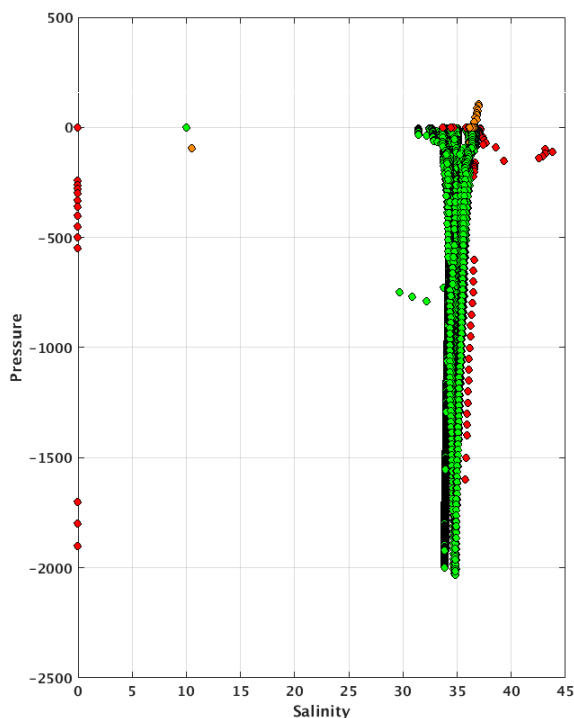
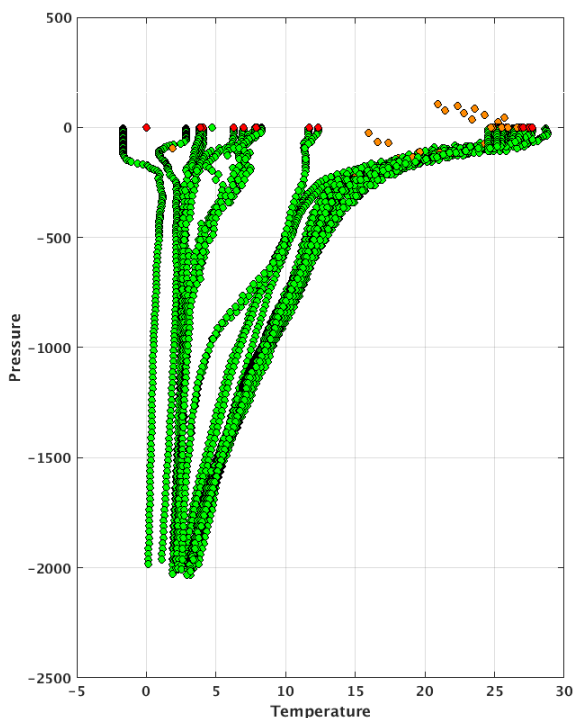
Data_mode ='R'	Data_mode ='A'	Data_mode ='D'
5 cycles	38 cycles	0 cycle



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

Float : 2902086 - Cycle : 32 - PI : M Ravichandran - Data mode : R - Platform type : PROVOR\_III - WMO inst type : 836 - FLOAT SERIAL : OIN 12\_IND-FLBB-06 - Date : 2013 3 23  
 Float : 2902086 - Cycle : 171 - PI : M Ravichandran - Data mode : R - Platform type : PROVOR\_III - WMO inst type : 836 - FLOAT SERIAL : OIN 12\_IND-FLBB-06 - Date : 2015 2 16  
 Float : 2902087 - Cycle : 23 - PI : M Ravichandran - Data mode : R - Platform type : PROVOR\_III - WMO inst type : 836 - FLOAT SERIAL : OIN 12\_IND-FLBB-01 - Date : 2013 2 28  
 Float : 2902090 - Cycle : 6 - PI : M Ravichandran - Data mode : R - Platform type : PROVOR\_III - WMO inst type : 836 - FLOAT SERIAL : OIN 12\_IND-FLBB-07 - Date : 2013 2 11  
 Float : 2902129 - Cycle : 27 - PI : M Ravichandran - Data mode : R - Platform type : PROVOR\_III - WMO inst type : 836 - FLOAT SERIAL : OIN 13IND\_S4\_008 - Date : 2014 9 3  
 Float : 2902175 - Cycle : 302 - PI : M Ravichandran - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7123 - Date : 2019 1 28  
 Float : 2902175 - Cycle : 303 - PI : M Ravichandran - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7123 - Date : 2019 2 7  
 Float : 2902175 - Cycle : 304 - PI : M Ravichandran - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7123 - Date : 2019 2 17  
 Float : 2902206 - Cycle : 106 - PI : M Ravichandran - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7540 - Date : 2019 1 27  
 Float : 2902246 - Cycle : 22 - PI : M Ravichandran - Data mode : A - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 17101- Date : 2018 7 29  
 Float : 2902246 - Cycle : 23 - PI : M Ravichandran - Data mode : A - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 17101 - Date : 2018 8 8  
 Float : 2902246 - Cycle : 30 - PI : M Ravichandran - Data mode : A - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 17101 - Date : 2018 10 17  
 Float : 2902246 - Cycle : 37 - PI : M Ravichandran - Data mode : A - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 17101 - Date : 2018 12 26  
 Float : 2902246 - Cycle : 38 - PI : M Ravichandran - Data mode : A - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 17101 - Date : 2019 1 5  
 Float : 2902246 - Cycle : 40 - PI : M Ravichandran - Data mode : A - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 17101 - Date : 2019 1 25  
 Float : 2902246 - Cycle : 41 - PI : M Ravichandran - Data mode : A - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 17101 - Date : 2019 2 4  
 Float : 2902246 - Cycle : 42 - PI : M Ravichandran - Data mode : A - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 17101 - Date : 2019 2 14  
 Float : 2902250 - Cycle : 37 - PI : M Ravichandran - Data mode : A - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 17105 - Date : 2019 2 1  
 Float : 2902250 - Cycle : 38 - PI : M Ravichandran - Data mode : A - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 17105 - Date : 2019 2 11  
 Float : 2902254 - Cycle : 59 - PI : M Ravichandran - Data mode : A - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 17107 - Date : 2019 1 25  
 Float : 2902254 - Cycle : 60 - PI : M Ravichandran - Data mode : A - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 17107 - Date : 2019 2 4  
 Float : 2902254 - Cycle : 61 - PI : M Ravichandran - Data mode : A - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 17107 - Date : 2019 2 14  
 Float : 2902255 - Cycle : 143 - PI : M Ravichandran - Data mode : A - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 17108 - Date : 2019 1 31  
 Float : 2902255 - Cycle : 144 - PI : M Ravichandran - Data mode : A - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 17108 - Date : 2019 2 10  
 Float : 2902256 - Cycle : 143 - PI : M Ravichandran - Data mode : A - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 17109 - Date : 2019 1 31  
 Float : 2902256 - Cycle : 144 - PI : M Ravichandran - Data mode : A - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 17109 - Date : 2019 2 10  
 Float : 2902257 - Cycle : 143 - PI : M Ravichandran - Data mode : A - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 17110 - Date : 2019 1 31  
 Float : 2902257 - Cycle : 144 - PI : M Ravichandran - Data mode : A - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 17110 - Date : 2019 2 10  
 Float : 2902258 - Cycle : 135 - PI : M Ravichandran - Data mode : A - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 17111 - Date : 2019 1 30  
 Float : 2902259 - Cycle : 36 - PI : M Ravichandran - Data mode : A - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 17112 - Date : 2019 2 1  
 Float : 2902259 - Cycle : 37 - PI : M Ravichandran - Data mode : A - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 17112 - Date : 2019 2 11  
 Float : 2902260 - Cycle : 36 - PI : M Ravichandran - Data mode : A - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 17113 - Date : 2019 2 1  
 Float : 2902260 - Cycle : 37 - PI : M Ravichandran - Data mode : A - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 17113 - Date : 2019 2 11  
 Float : 2902261 - Cycle : 36 - PI : M Ravichandran - Data mode : A - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 17114 - Date : 2019 2 1  
 Float : 2902262 - Cycle : 36 - PI : M Ravichandran - Data mode : A - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 17115 - Date : 2019 2 2  
 Float : 2902265 - Cycle : 2 - PI : M Ravichandran - Data mode : A - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 18001 - Date : 2019 2 16  
 Float : 2902266 - Cycle : 1 - PI : M Ravichandran - Data mode : A - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 18002 - Date : 2019 2 5  
 Float : 2902266 - Cycle : 2 - PI : M Ravichandran - Data mode : A - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 18002 - Date : 2019 2 15  
 Float : 2902267 - Cycle : 0 - PI : M Ravichandran - Data mode : A - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 18003 - Date : 2019 1 21

Float : 2902267 - Cycle : 1 - PI : M Ravichandran - Data mode : A - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 18003 - Date : 2019 1 31  
 Float : 2902268 - Cycle : 2 - PI : M Ravichandran - Data mode : A - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 18004 - Date : 2019 2 11  
 Float : 2902269 - Cycle : 1 - PI : M Ravichandran - Data mode : A - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 18005 - Date : 2019 2 2  
 Float : 2902269 - Cycle : 2 - PI : M Ravichandran - Data mode : A - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 18005 - Date : 2019 2 12



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

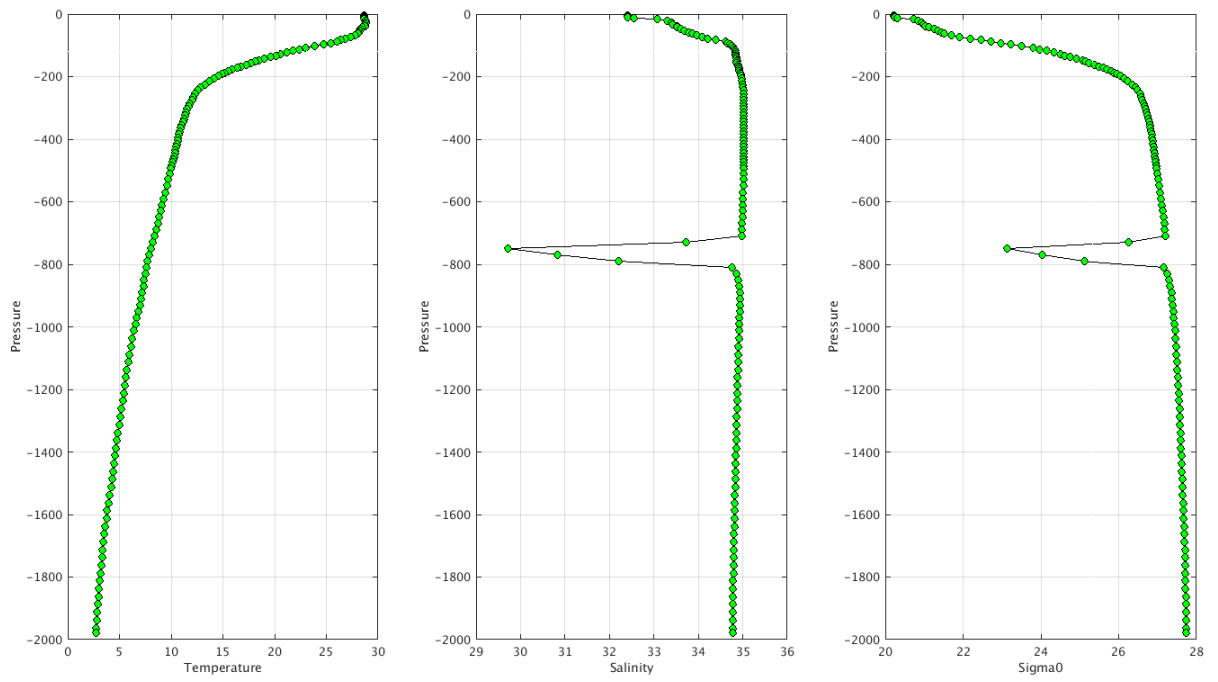
IN,2902086,171,27/02/2019 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=62510175> ,PSAL,484.8,550.3,1,4,Primary sampling  
 IN,2902086,171,27/02/2019 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=62510175> ,TEMP,465,475.2,4,1,Primary sampling  
 IN,2902086,32,27/02/2019 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=62509627> ,PSAL,829.6,890.3,1,4,Primary sampling  
 IN,2902086,32,27/02/2019 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=62509627> ,TEMP,689.9,689.9,4,1,Primary sampling  
 IN,2902086,32,27/02/2019 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=62509627> ,TEMP,730,730,4,1,Primary sampling  
 IN,2902086,32,27/02/2019 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=62509627> ,TEMP,770,770,4,1,Primary sampling  
 IN,2902087,23,27/02/2019 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=62510673> ,PSAL,444.6,530.1,1,4,Primary sampling  
 IN,2902087,23,27/02/2019 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=62510673> ,TEMP,424.8,434.8,4,1,Primary sampling  
 IN,2902090,6,27/02/2019 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=62513398> ,PSAL,157.9,167.6,1,4,Primary sampling  
 IN,2902090,6,27/02/2019 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=62513398> ,PSAL,182.3,187.3,1,4,Primary sampling  
 IN,2902090,6,27/02/2019 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=62513398> ,PSAL,205.1,205.1,1,4,Primary sampling  
 IN,2902090,6,27/02/2019 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=62513398> ,PSAL,254.9,1963,1,4,Primary sampling  
 IN,2902090,6,27/02/2019 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=62513398> ,PSAL,6,32.6,1,4,Primary sampling  
 IN,2902090,6,27/02/2019 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=62513398> ,PSAL,77.5,137.3,1,4,Primary sampling  
 IN,2902090,6,27/02/2019 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=62513398> ,TEMP,142.3,152.4,4,1,Primary sampling  
 IN,2902090,6,27/02/2019 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=62513398> ,TEMP,172.5,177.5,4,1,Primary sampling  
 IN,2902090,6,27/02/2019 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=62513398> ,TEMP,192.7,197.7,4,1,Primary sampling  
 IN,2902090,6,27/02/2019 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=62513398> ,TEMP,215.3,245.1,4,1,Primary sampling  
 IN,2902090,6,27/02/2019 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=62513398> ,TEMP,37.6,72.5,4,1,Primary sampling  
 IN,2902129,27,27/02/2019 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=62519331> ,PSAL,5.6,1982.6,1,4,Primary sampling  
 IN,2902175,302,18/02/2019 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=63057350> ,PSAL,5.75,2000.21,3,4,Secondary sampling  
 IN,2902175,302,18/02/2019 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=63057350> ,PSAL\_ADJUSTED,5.75,2000.21,3,4,Secondary sampling  
 IN,2902175,302,29/01/2019 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=63057349> ,PSAL,2.9,1997.6,1,4,Primary sampling  
 IN,2902175,302,29/01/2019 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=63057349> ,PSAL\_ADJUSTED,2.9,1997.6,1,4,Primary sampling  
 IN,2902175,302,29/01/2019 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=63057350> ,PSAL,5.75,2000.21,1,4,Secondary sampling  
 IN,2902175,303,08/02/2019 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=63143931> ,PSAL,4,1978,1,4,Primary sampling  
 IN,2902175,303,08/02/2019 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=63143931> ,PSAL\_ADJUSTED,4,1978,1,4,Primary sampling  
 IN,2902175,304,18/02/2019 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=63215750> ,PSAL,4,1994,1,4,Primary sampling  
 IN,2902175,304,18/02/2019 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=63215750> ,PSAL\_ADJUSTED,4,1994,1,4,Primary sampling  
 IN,2902175,304,18/02/2019 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=63215751> ,PSAL,5.59,2000.98,3,4,Secondary sampling  
 IN,2902175,304,18/02/2019 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=63215751> ,PSAL\_ADJUSTED,5.59,2000.98,3,4,Secondary sampling  
 IN,2902175,304,18/02/2019 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=63215751> ,TEMP,2000.98,2000.98,1,3,Secondary sampling  
 IN,2902175,304,18/02/2019 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=63215751> ,TEMP\_ADJUSTED,2000.98,2000.98,1,3,Secondary sampling  
 IN,2902206,106,30/01/2019 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=63053903> ,PSAL,150.5,199.6,3,4,Primary sampling  
 IN,2902206,106,30/01/2019 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=63053903> ,PSAL,4.1,90.6,3,4,Primary sampling  
 IN,2902206,106,30/01/2019 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=63053903> ,PSAL,599.8,1499.7,3,4,Primary sampling  
 IN,2902206,106,30/01/2019 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=63053903> ,PSAL\_ADJUSTED,150.5,199.6,3,4,Primary sampling  
 IN,2902206,106,30/01/2019 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=63053903> ,PSAL\_ADJUSTED,4.1,90.6,3,4,Primary sampling



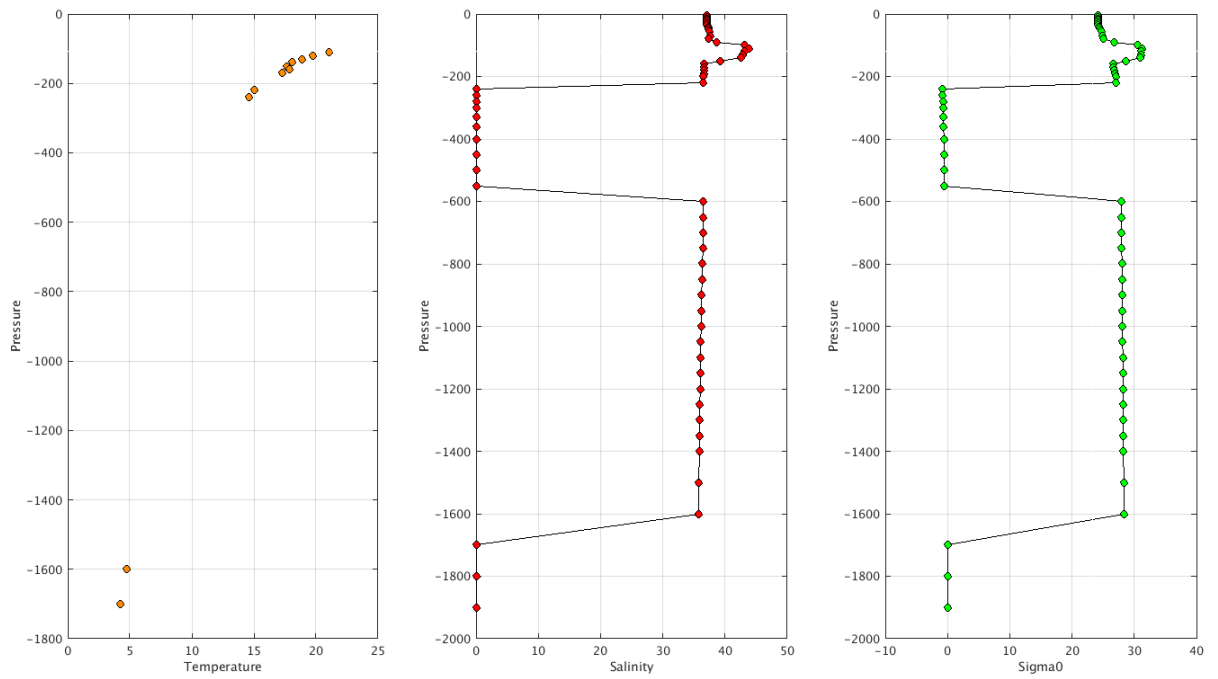




Warning Objective Analysis Anomalies 2019 February TEMP PSAL : DAC IN- Float 2902086 - 32



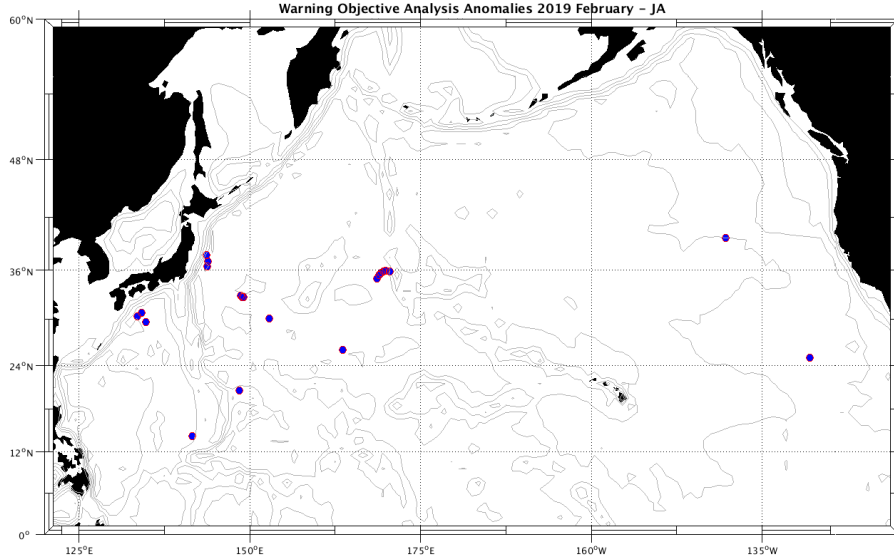
Warning Objective Analysis Anomalies 2019 February TEMP PSAL : DAC IN- Float 2902206 - 106



## 6. DAC JMA/JAMSTEC

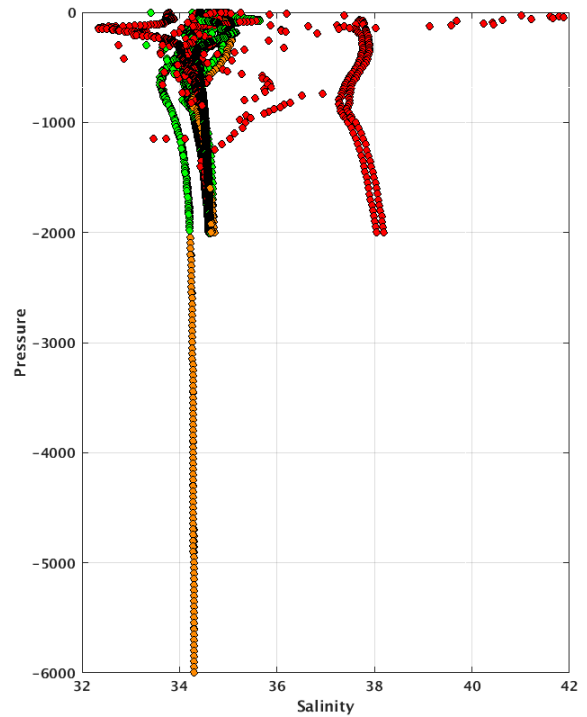
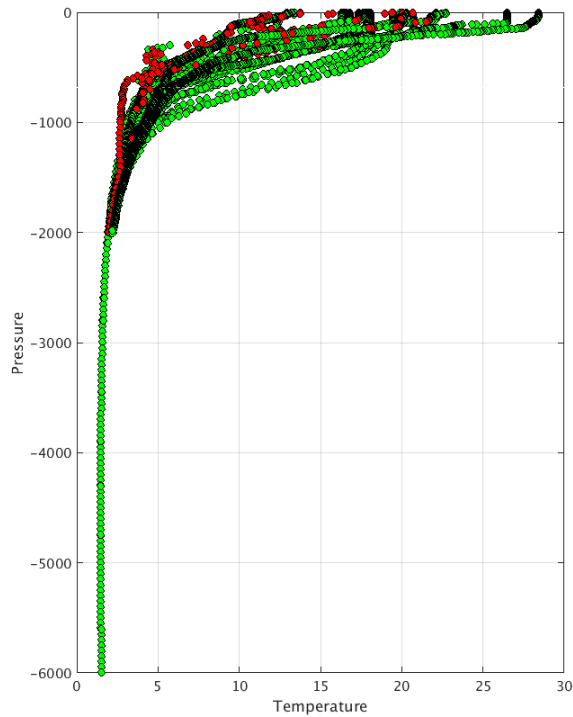
Profiles detected by the objective analysis: 23 profiles (10 floats – float can have several cycles with anomalies)

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



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

Float : 2903177 - Cycle : 138 - PI : JMA - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : AK - Date : 2019	1	25
Float : 2903177 - Cycle : 140 - PI : JMA - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : AK - Date : 2019	2	4
Float : 2903177 - Cycle : 141 - PI : JMA - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : AK - Date : 2019	2	9
Float : 2903188 - Cycle : 141 - PI : JMA - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : AK - Date : 2019	2	9
Float : 2903188 - Cycle : 142 - PI : JMA - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : AK - Date : 2019	2	14
Float : 2903188 - Cycle : 143 - PI : JMA - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : AK - Date : 2019	2	19
Float : 2903188 - Cycle : 144 - PI : JMA - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : AK - Date : 2019	2	24
Float : 2903190 - Cycle : 126 - PI : JMA - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : AK - Date : 2019	1	25
Float : 2903203 - Cycle : 103 - PI : JMA - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : AK - Date : 2019	1	28
Float : 2903203 - Cycle : 104 - PI : JMA - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : AK - Date : 2019	2	2
Float : 2903203 - Cycle : 105 - PI : JMA - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : AK - Date : 2019	2	7
Float : 2903203 - Cycle : 106 - PI : JMA - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : AK - Date : 2019	2	12
Float : 2903203 - Cycle : 107 - PI : JMA - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : AK - Date : 2019	2	17
Float : 2903203 - Cycle : 108 - PI : JMA - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : AK - Date : 2019	2	22
Float : 2903212 - Cycle : 39 - PI : JAMSTEC - Data mode : R - Platform type : APEX_D - WMO inst type : 849 - FLOAT SERIAL : 29 - Date : 2019	1	30
Float : 2903212 - Cycle : 40 - PI : JAMSTEC - Data mode : R - Platform type : APEX_D - WMO inst type : 849 - FLOAT SERIAL : 29 - Date : 2019	2	14
Float : 2903222 - Cycle : 25 - PI : JMA - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : AK1000-17JP008 - Date : 2019	2	3
Float : 2903222 - Cycle : 26 - PI : JMA - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : AK1000-17JP008 - Date : 2019	2	8
Float : 2903222 - Cycle : 27 - PI : JMA - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : AK1000-17JP008 - Date : 2019	2	13
Float : 4902371 - Cycle : 148 - PI : JAMSTEC - Data mode : A - Platform type : NAVIS_A - WMO inst type : 863 - FLOAT SERIAL : 0585 - Date : 2019	1	31
Float : 5904935 - Cycle : 145 - PI : JAMSTEC - Data mode : A - Platform type : NAVIS_A - WMO inst type : 863 - FLOAT SERIAL : 0401 - Date : 2019	1	25
Float : 5905056 - Cycle : 343 - PI : JAMSTEC - Data mode : A - Platform type : NAVIS_A - WMO inst type : 863 - FLOAT SERIAL : 0672 - Date : 2018	5	2
Float : 5905057 - Cycle : 122 - PI : JAMSTEC - Data mode : A - Platform type : NAVIS_A - WMO inst type : 863 - FLOAT SERIAL : 0674 - Date : 2019	1	26



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

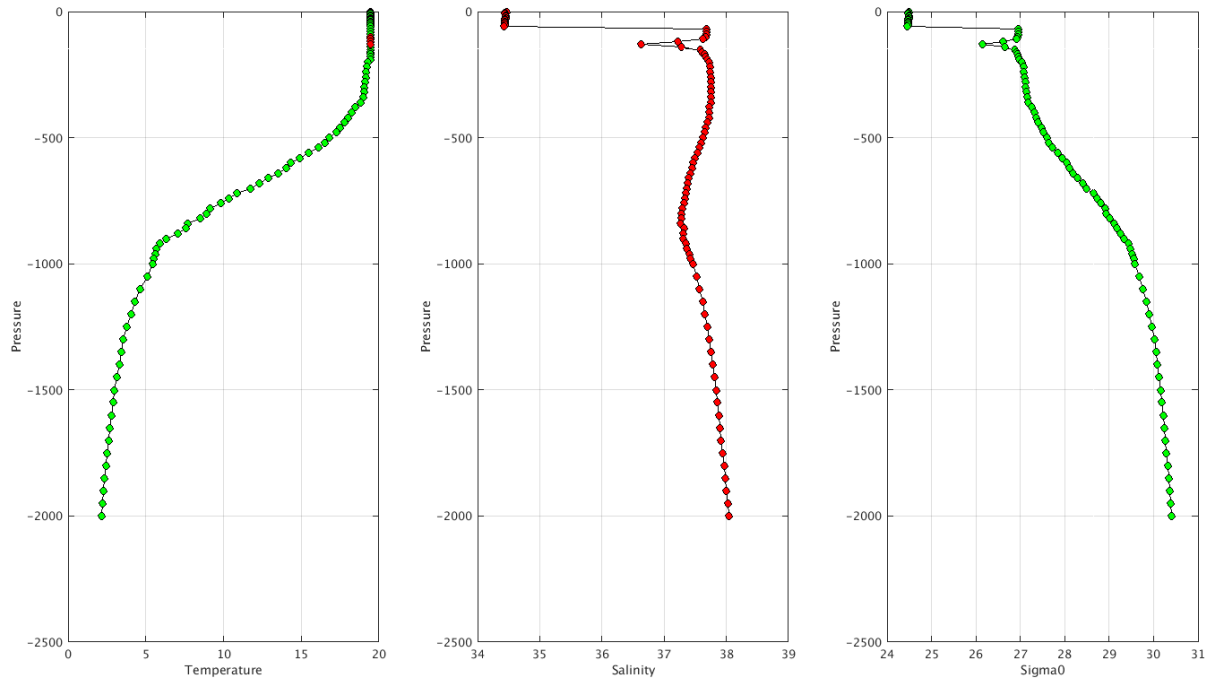
JA,2903177,138,29/01/2019 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=63041611> ,PSAL,4.8,2001.1,1,3,Primary sampling  
 JA,2903177,140,04/02/2019 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=63111868> ,PSAL,1,49.8,1,4,Primary sampling  
 JA,2903177,140,04/02/2019 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=63111868> ,PSAL,139.6,2001.2,1,4,Primary sampling  
 JA,2903177,140,04/02/2019 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=63111868> ,PSAL,69.4,89.2,1,4,Primary sampling  
 JA,2903177,140,08/02/2019 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=63111868> ,PSAL,1,49.8,1,4,Primary sampling  
 JA,2903177,140,08/02/2019 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=63111868> ,PSAL,139.6,2001.2,1,4,Primary sampling  
 JA,2903177,140,08/02/2019 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=63111868> ,PSAL,69.4,89.2,1,4,Primary sampling  
 JA,2903177,141,09/02/2019 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=63158491> ,PSAL,.6,60.5,1,4,Primary sampling  
 JA,2903177,141,09/02/2019 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=63158491> ,PSAL,140.2,2000.6,1,4,Primary sampling  
 JA,2903177,141,09/02/2019 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=63158491> ,PSAL,80.1,100.3,1,4,Primary sampling  
 JA,2903188,141,09/02/2019 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=63158492> ,PSAL,.9,1999.5,1,3,Primary sampling  
 JA,2903188,141,13/02/2019 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=63158492> ,PSAL,.9,1999.5,1,3,Primary sampling  
 JA,2903188,142,18/02/2019 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=63196564> ,PSAL,.6,1999.2,1,3,Primary sampling  
 JA,2903188,143,19/02/2019 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=63235573> ,PSAL,.3,1998.8,1,3,Primary sampling  
 JA,2903188,143,23/02/2019 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=63235573> ,PSAL,.3,1998.8,1,3,Primary sampling  
 JA,2903188,144,24/02/2019 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=63268828> ,PSAL,.8,1999.4,1,3,Primary sampling  
 JA,2903190,126,29/01/2019 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=63039570> ,PSAL,1,1,1,4,Primary sampling  
 JA,2903190,126,29/01/2019 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=63039570> ,PSAL,10.3,10.3,1,4,Primary sampling  
 JA,2903190,126,29/01/2019 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=63039570> ,PSAL,100.1,100.1,1,4,Primary sampling  
 JA,2903190,126,29/01/2019 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=63039570> ,PSAL,1400.1,1999.9,1,4,Primary sampling  
 JA,2903190,126,29/01/2019 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=63039570> ,PSAL,169.5,179.7,1,4,Primary sampling  
 JA,2903190,126,29/01/2019 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=63039570> ,PSAL,20.6,25.7,1,4,Primary sampling  
 JA,2903190,126,29/01/2019 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=63039570> ,PSAL,279.8,299.7,1,4,Primary sampling  
 JA,2903190,126,29/01/2019 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=63039570> ,PSAL,399.7,419.6,1,4,Primary sampling  
 JA,2903190,126,29/01/2019 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=63039570> ,PSAL,460.1,460.1,1,4,Primary sampling  
 JA,2903190,126,29/01/2019 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=63039570> ,PSAL,519.7,660.2,1,4,Primary sampling  
 JA,2903190,126,29/01/2019 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=63039570> ,PSAL,720.3,720.3,1,4,Primary sampling  
 JA,2903190,126,29/01/2019 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=63039570> ,PSAL,79.7,79.7,1,4,Primary sampling  
 JA,2903190,126,29/01/2019 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=63039570> ,TEMP,1,1,1,4,Primary sampling  
 JA,2903190,126,29/01/2019 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=63039570> ,TEMP,10.3,10.3,1,4,Primary sampling  
 JA,2903190,126,29/01/2019 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=63039570> ,TEMP,100.1,100.1,1,4,Primary sampling  
 JA,2903190,126,29/01/2019 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=63039570> ,TEMP,1400.1,1999.9,1,4,Primary sampling  
 JA,2903190,126,29/01/2019 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=63039570> ,TEMP,169.5,179.7,1,4,Primary sampling  
 JA,2903190,126,29/01/2019 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=63039570> ,TEMP,20.6,25.7,1,4,Primary sampling  
 JA,2903190,126,29/01/2019 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=63039570> ,TEMP,259.8,299.7,1,4,Primary sampling  
 JA,2903190,126,29/01/2019 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=63039570> ,TEMP,399.7,419.6,1,4,Primary sampling  
 JA,2903190,126,29/01/2019 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=63039570> ,TEMP,460.1,460.1,1,4,Primary sampling



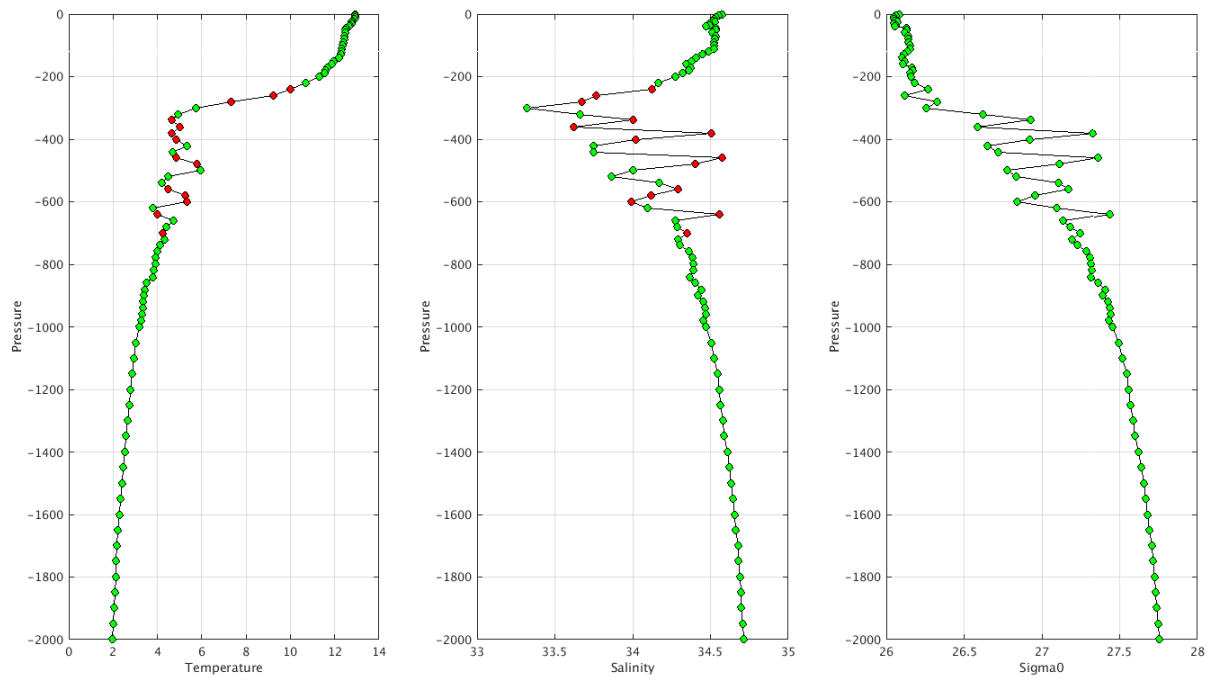




Warning Objective Analysis Anomalies 2019 February TEMP PSAL : DAC JA- Float 2903177 - 140



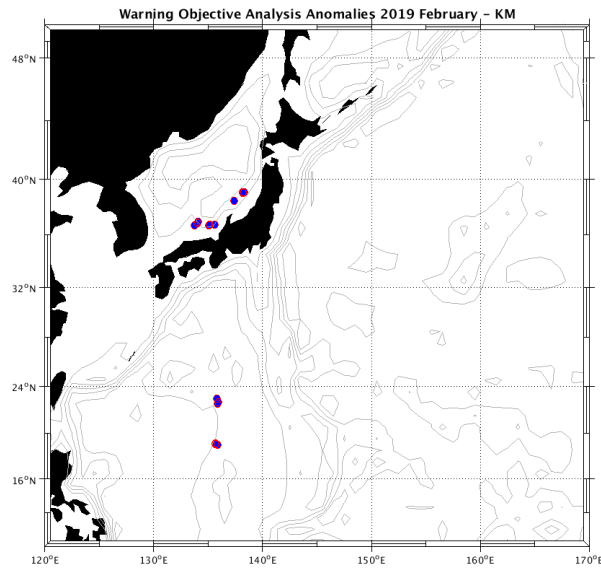
Warning Objective Analysis Anomalies 2019 February TEMP PSAL : DAC JA- Float 2903222 - 25



## 7. DAC KMA

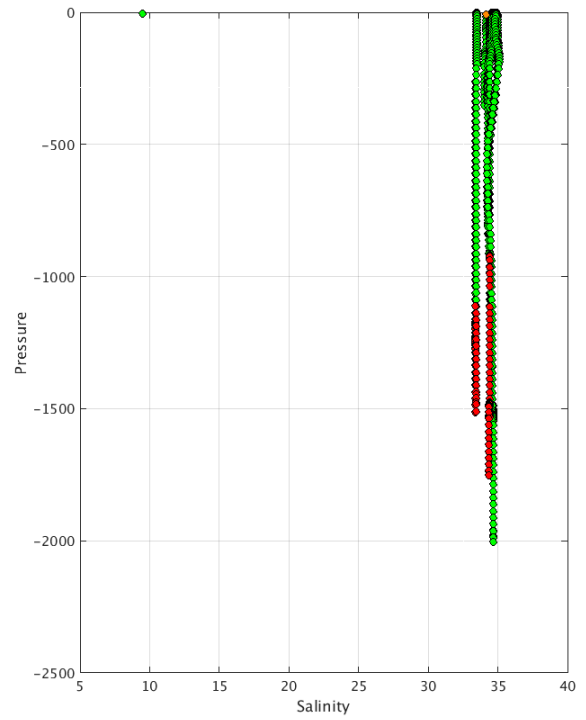
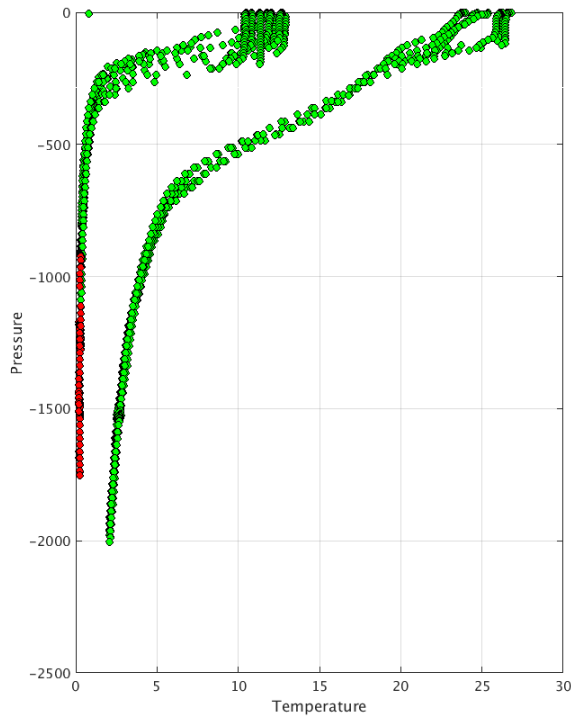
Profiles detected by the objective analysis: 16 profiles (6 floats – float can have several cycles with anomalies)

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



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

Float : 2901708 - Cycle : 265 - PI : Young-Hwa Kim - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : n/a - Date : 2019 2 21  
 Float : 2901744 - Cycle : 194 - PI : ByungHwan Lim - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : n/a - Date : 2019 2 7  
 Float : 2901744 - Cycle : 195 - PI : ByungHwan Lim - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : n/a - Date : 2019 2 14  
 Float : 2901744 - Cycle : 196 - PI : ByungHwan Lim - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : n/a - Date : 2019 2 21  
 Float : 2901758 - Cycle : 83 - PI : Jaeyoung Byon - Data mode : R - Platform type : ARVOR - WMO inst type : 846 - FLOAT SERIAL : n/a - Date : 2019 2 5  
 Float : 2901758 - Cycle : 84 - PI : Jaeyoung Byon - Data mode : R - Platform type : ARVOR - WMO inst type : 846 - FLOAT SERIAL : n/a - Date : 2019 2 15  
 Float : 2901758 - Cycle : 85 - PI : Jaeyoung Byon - Data mode : R - Platform type : ARVOR - WMO inst type : 846 - FLOAT SERIAL : n/a - Date : 2019 2 25  
 Float : 2901759 - Cycle : 92 - PI : Jaeyoung Byon - Data mode : R - Platform type : ARVOR - WMO inst type : 846 - FLOAT SERIAL : n/a - Date : 2019 2 5  
 Float : 2901759 - Cycle : 93 - PI : Jaeyoung Byon - Data mode : R - Platform type : ARVOR - WMO inst type : 846 - FLOAT SERIAL : n/a - Date : 2019 2 15  
 Float : 2901759 - Cycle : 94 - PI : Jaeyoung Byon - Data mode : R - Platform type : ARVOR - WMO inst type : 846 - FLOAT SERIAL : n/a - Date : 2019 2 25  
 Float : 2901760 - Cycle : 92 - PI : Jaeyoung Byon - Data mode : R - Platform type : ARVOR - WMO inst type : 846 - FLOAT SERIAL : n/a - Date : 2019 2 6  
 Float : 2901760 - Cycle : 93 - PI : Jaeyoung Byon - Data mode : R - Platform type : ARVOR - WMO inst type : 846 - FLOAT SERIAL : n/a - Date : 2019 2 16  
 Float : 2901760 - Cycle : 94 - PI : Jaeyoung Byon - Data mode : R - Platform type : ARVOR - WMO inst type : 846 - FLOAT SERIAL : n/a - Date : 2019 2 26  
 Float : 2901765 - Cycle : 91 - PI : Jaeyoung Byon - Data mode : R - Platform type : ARVOR - WMO inst type : 846 - FLOAT SERIAL : n/a - Date : 2019 1 28  
 Float : 2901765 - Cycle : 92 - PI : Jaeyoung Byon - Data mode : R - Platform type : ARVOR - WMO inst type : 846 - FLOAT SERIAL : n/a - Date : 2019 2 7  
 Float : 2901765 - Cycle : 93 - PI : Jaeyoung Byon - Data mode : R - Platform type : ARVOR - WMO inst type : 846 - FLOAT SERIAL : n/a - Date : 2019 2 17

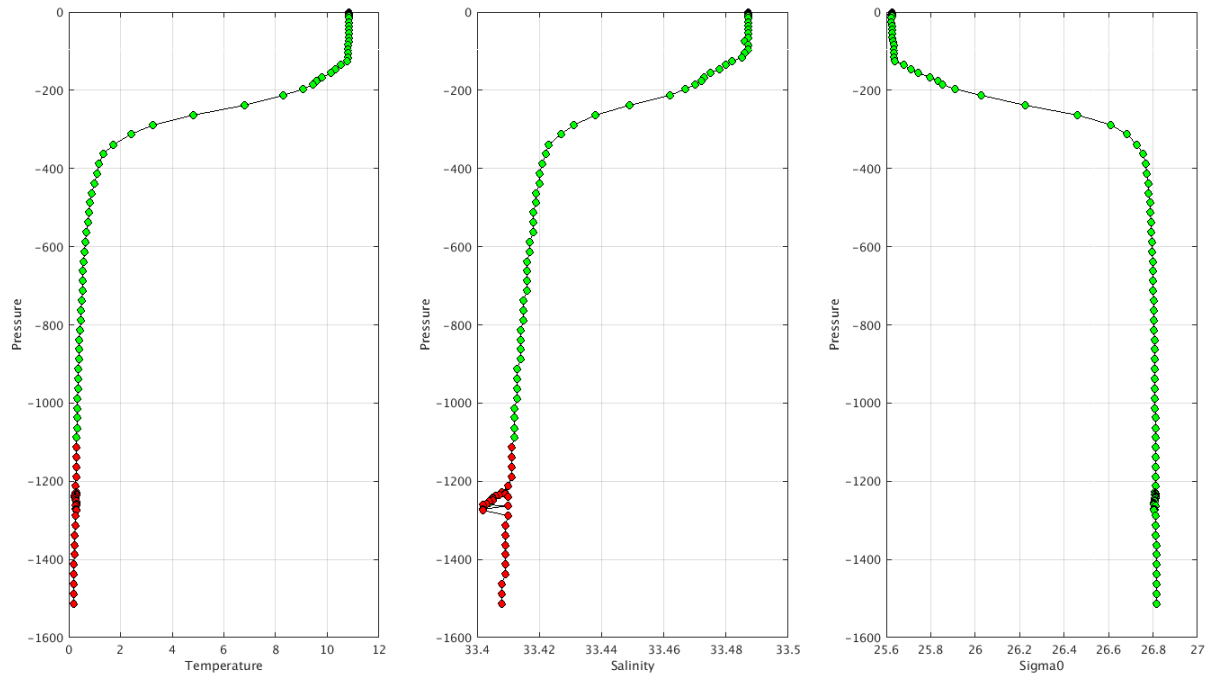


DAC\_CODE,PLATFORM\_CODE,CV\_NUMBER,DATE\_UPDATE,DIRECTION,WEB\_URL,PARAMETER,START\_IMMERSION,STOP\_IMMERSION,OLD\_QC,NEW\_QC,VERTICAL\_SAMPLING\_SCHEME

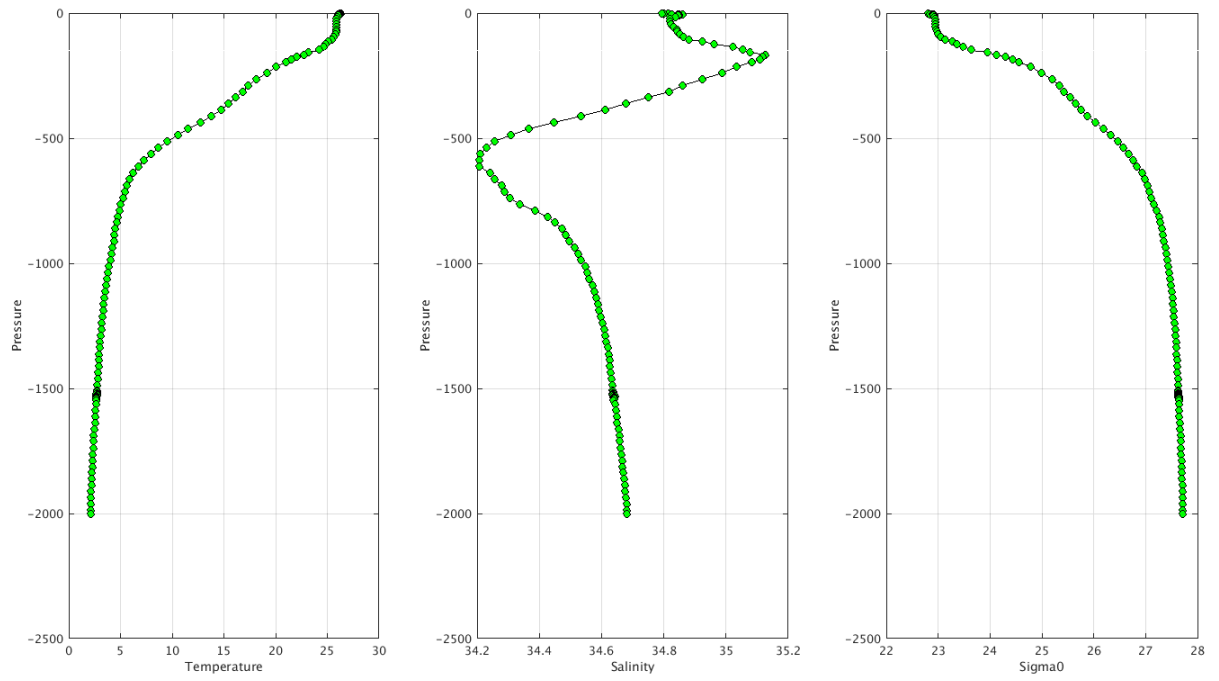
KM,2901708,265,22/02/2019 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=63253205> ,PSAL,3.8,3.8,1,4,Primary sampling  
 KM,2901708,265,22/02/2019 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=63253205> ,PSAL\_ADJUSTED,3.8,3.8,1,4,Primary sampling  
 KM,2901708,265,22/02/2019 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=63253205> ,TEMP,3.8,3.8,1,4,Primary sampling  
 KM,2901708,265,22/02/2019 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=63253205> ,TEMP\_ADJUSTED,3.8,3.8,1,4,Primary sampling  
 KM,2901744,194,07/02/2019 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=63143845> ,PSAL,14.7,800.7,1,3,Primary sampling  
 KM,2901744,194,07/02/2019 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=63143845> ,PSAL\_ADJUSTED,14.7,800.7,1,3,Primary sampling  
 KM,2901744,195,14/02/2019 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=63196637> ,PSAL,15,803.9,1,3,Primary sampling  
 KM,2901744,195,14/02/2019 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=63196637> ,PSAL\_ADJUSTED,15,803.9,1,3,Primary sampling  
 KM,2901744,196,21/02/2019 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=63250192> ,PSAL,15.2,804.5,1,3,Primary sampling  
 KM,2901744,196,21/02/2019 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=63250192> ,PSAL\_ADJUSTED,15.2,804.5,1,3,Primary sampling  
 KM,2901758,83,06/02/2019 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=63132230> ,PSAL,1,1088,1,4,Primary sampling  
 KM,2901758,83,06/02/2019 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=63132230> ,TEMP,1114,1751,4,1,Primary sampling  
 KM,2901758,84,16/02/2019 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=63202987> ,PSAL,1,1113,1,4,Primary sampling  
 KM,2901758,84,16/02/2019 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=63202987> ,TEMP,1138,1754,4,1,Primary sampling  
 KM,2901758,85,26/02/2019 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=63286113> ,PSAL,1,913,1,4,Primary sampling  
 KM,2901758,85,26/02/2019 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=63286113> ,PSAL,921,921,1,4,Primary sampling  
 KM,2901758,85,26/02/2019 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=63286113> ,PSAL,933,933,1,4,Primary sampling  
 KM,2901759,92,06/02/2019 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=63132231> ,PSAL,1,1088,1,4,Primary sampling  
 KM,2901759,92,06/02/2019 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=63132231> ,TEMP,1113,1261,4,1,Primary sampling  
 KM,2901759,93,16/02/2019 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=63202988> ,PSAL,1,1088,1,4,Primary sampling  
 KM,2901759,93,16/02/2019 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=63202988> ,PSAL,1255,1255,1,4,Primary sampling  
 KM,2901759,93,16/02/2019 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=63202988> ,TEMP,1113,1251,4,1,Primary sampling  
 KM,2901759,93,16/02/2019 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=63202988> ,TEMP,1257,1514,4,1,Primary sampling  
 KM,2901759,94,26/02/2019 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=63286115> ,PSAL,1,1113,1,4,Primary sampling  
 KM,2901759,94,26/02/2019 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=63286115> ,TEMP,1138,1510,4,1,Primary sampling  
 KM,2901760,92,07/02/2019 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=63135124> ,PSAL,1,1980,1,3,Primary sampling  
 KM,2901760,93,17/02/2019 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=63215080> ,PSAL,1,1936,1,3,Primary sampling  
 KM,2901760,94,27/02/2019 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=63323459> ,PSAL,1,1961,1,3,Primary sampling  
 KM,2901765,91,29/01/2019 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=63059864> ,PSAL,1,1960,1,3,Primary sampling  
 KM,2901765,92,08/02/2019 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=63146058> ,PSAL,1,1983,1,3,Primary sampling  
 KM,2901765,93,18/02/2019 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=63218141> ,PSAL,1,2003,1,3,Primary sampling

Example of anomalies:

Warning Objective Analysis Anomalies 2019 February TEMP PSAL : DAC KM- Float 2901759 - 93



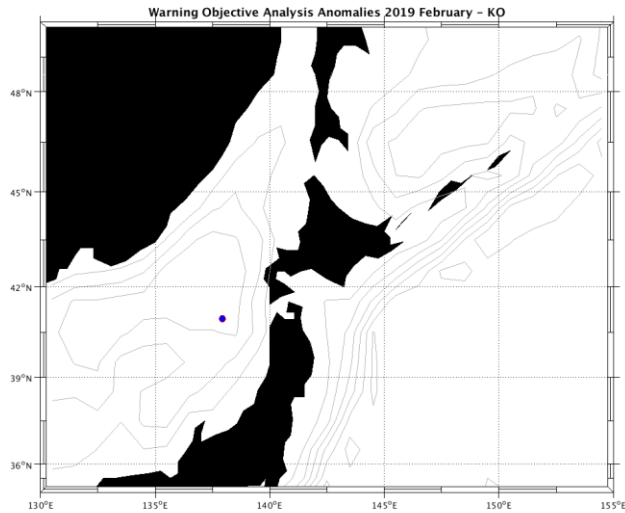
Warning Objective Analysis Anomalies 2019 February TEMP PSAL : DAC KM- Float 2901765 - 93



## 8. DAC KORDI/KIOST

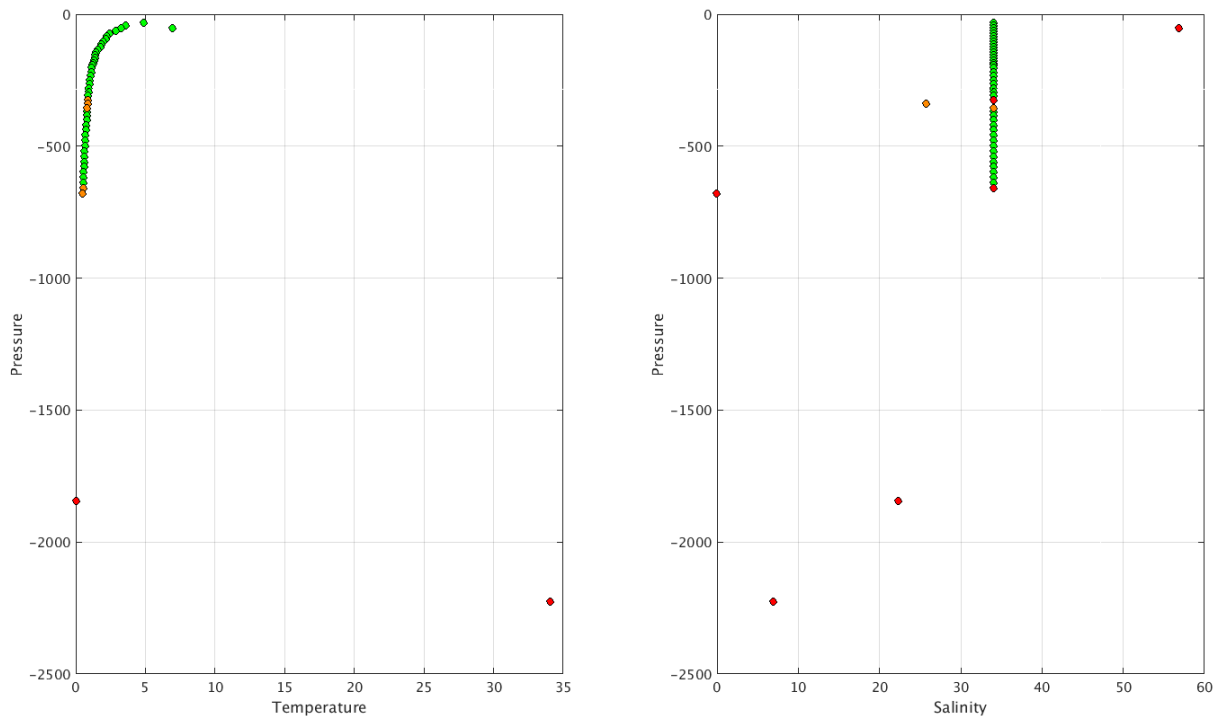
Profiles detected by the objective analysis: 1 profile (1 float – float can have several cycles with anomalies)

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



**Status of corrections: Corrections done, few feedback.**

Float : 2900451 - Cycle : 498 - PI : Moon-Sik Suk - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 1539 - Date : 2018 5 27

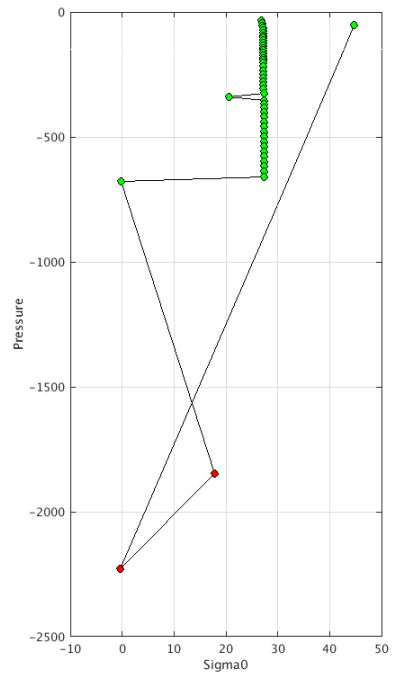
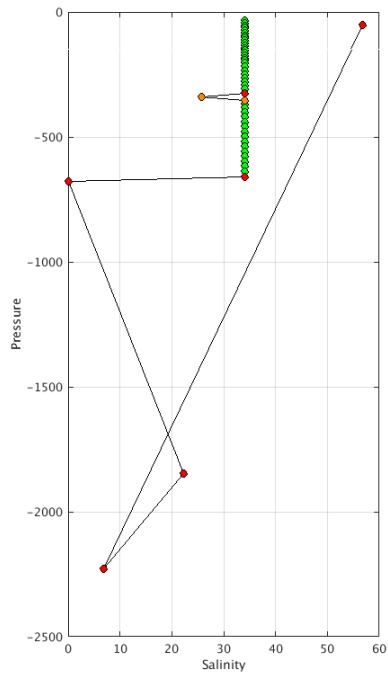
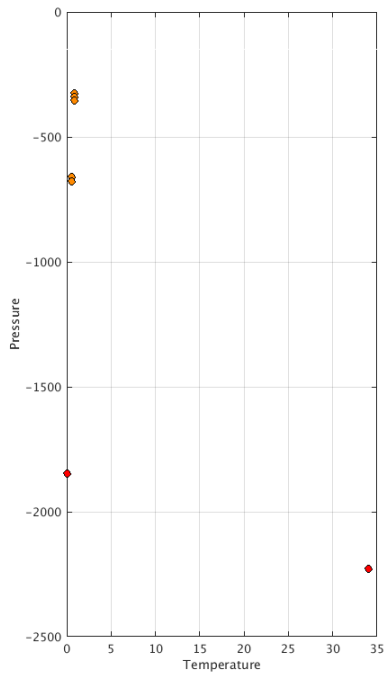


DAC\_CODE,PLATFORM\_CODE,CV\_NUMBER,DATE\_UPDATE,DIRECTION,WEB\_URL,PARAMETER,START\_IMMERSION,STOP\_IMMERSION,OLD\_QC,NEW\_QC,VERTICAL\_SAMPLING\_SCHEME

KO,2900451,498,31/05/2018 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=59358828> ,PSAL,33.7,309.2,1,4,Primary sampling

KO,2900451,498,31/05/2018 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=59358828> ,PSAL,354.4,639,3,4,Primary sampling

Example of anomalies:

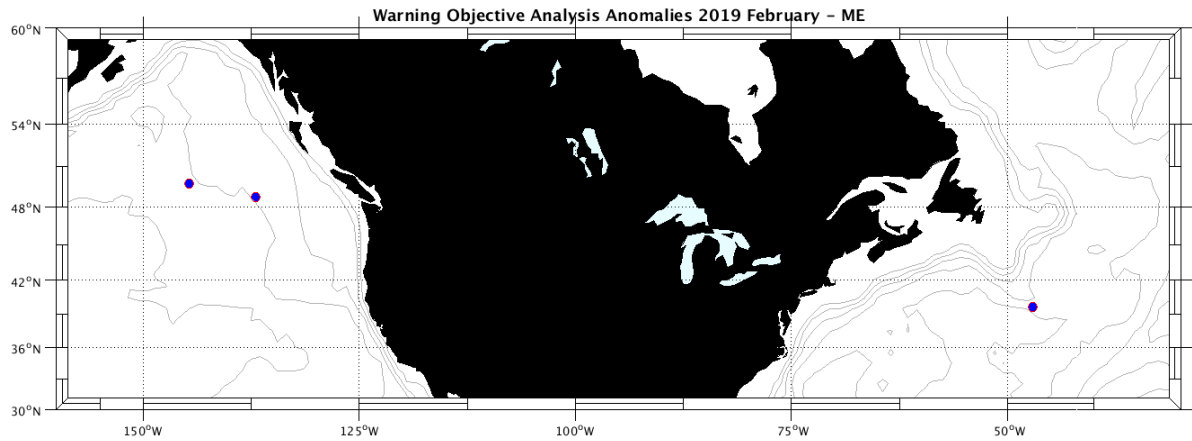




## 9. DAC MEDS

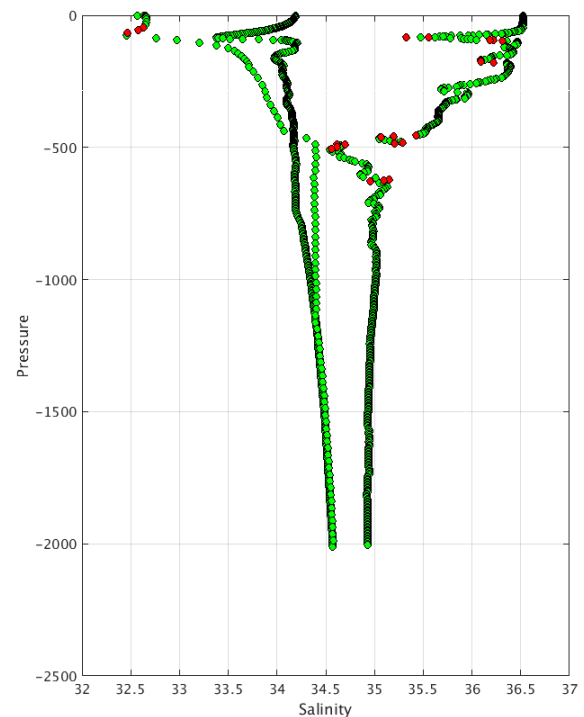
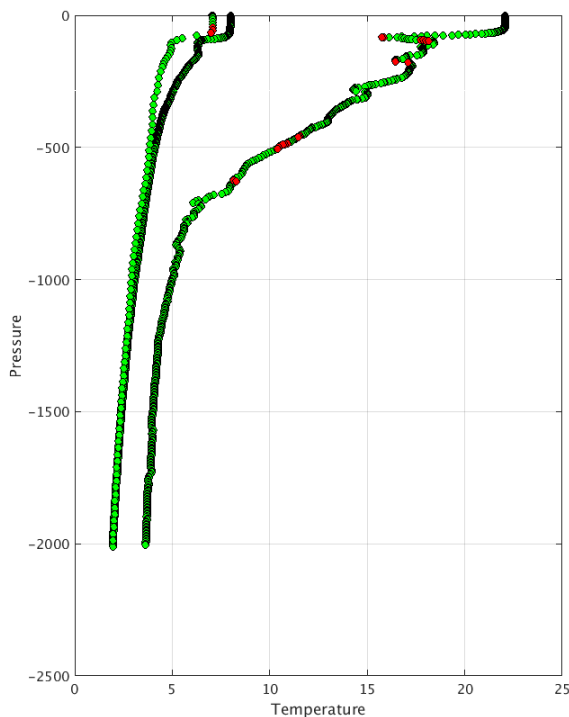
Profiles detected by the objective analysis: 3 profiles (3 floats – float can have several cycles with anomalies)

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



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

Float : 4901826 - Cycle : 98 - PI : Blair Greenan - Data mode : A - Platform type : NOVA - WMO inst type : 865 - FLOAT SERIAL : 332 - Date : 2019 2 16  
 Float : 4901827 - Cycle : 66 - PI : Blair Greenan - Data mode : A - Platform type : NOVA - WMO inst type : 865 - FLOAT SERIAL : 333 - Date : 2018 5 30  
 Float : 4902445 - Cycle : 24 - PI : Blair Greenan - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 260018CA08 - Date : 2019 2 1



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

ME,4901826,98,16/02/2019 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=63212529> ,PSAL,2,810,1,4,Primary sampling

ME,4901826,98,16/02/2019 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=63212529> ,PSAL\_ADJUSTED,2,810,1,4,Primary sampling

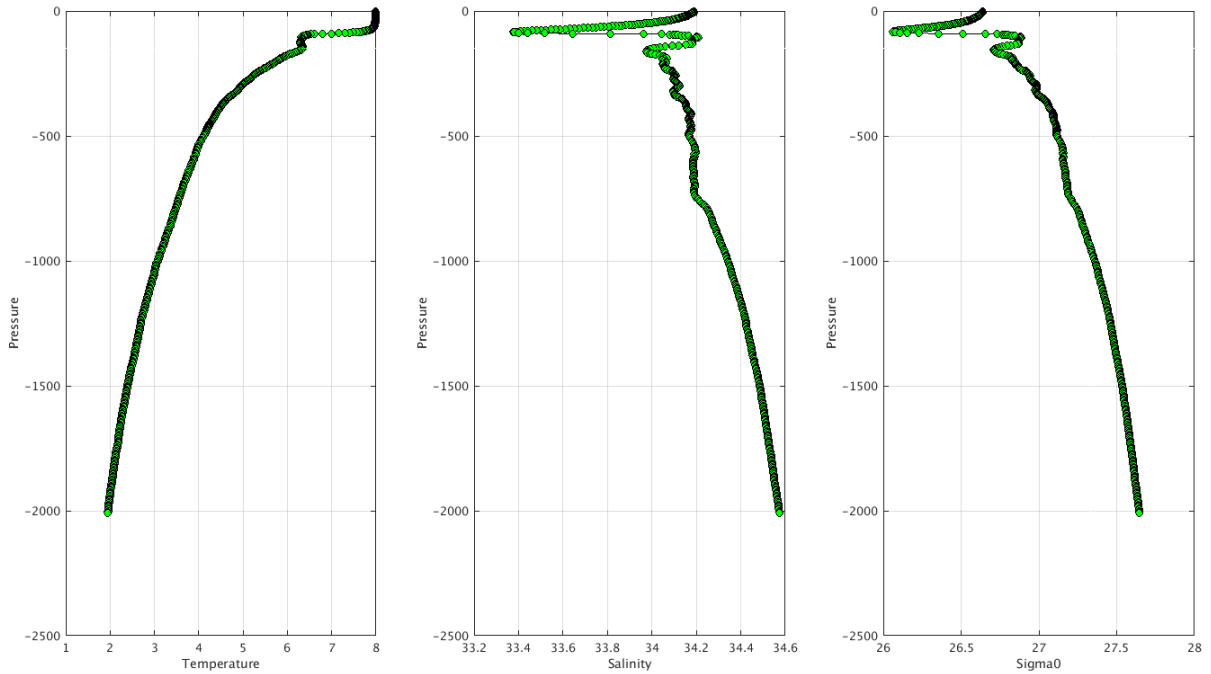
ME,4901827,66,30/05/2018 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=59388747> ,PSAL\_ADJUSTED,462.5,480,1,4,Primary sampling

ME,4901827,66,30/05/2018 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=59388747> ,PSAL\_ADJUSTED,492.5,497.6,1,4,Primary sampling

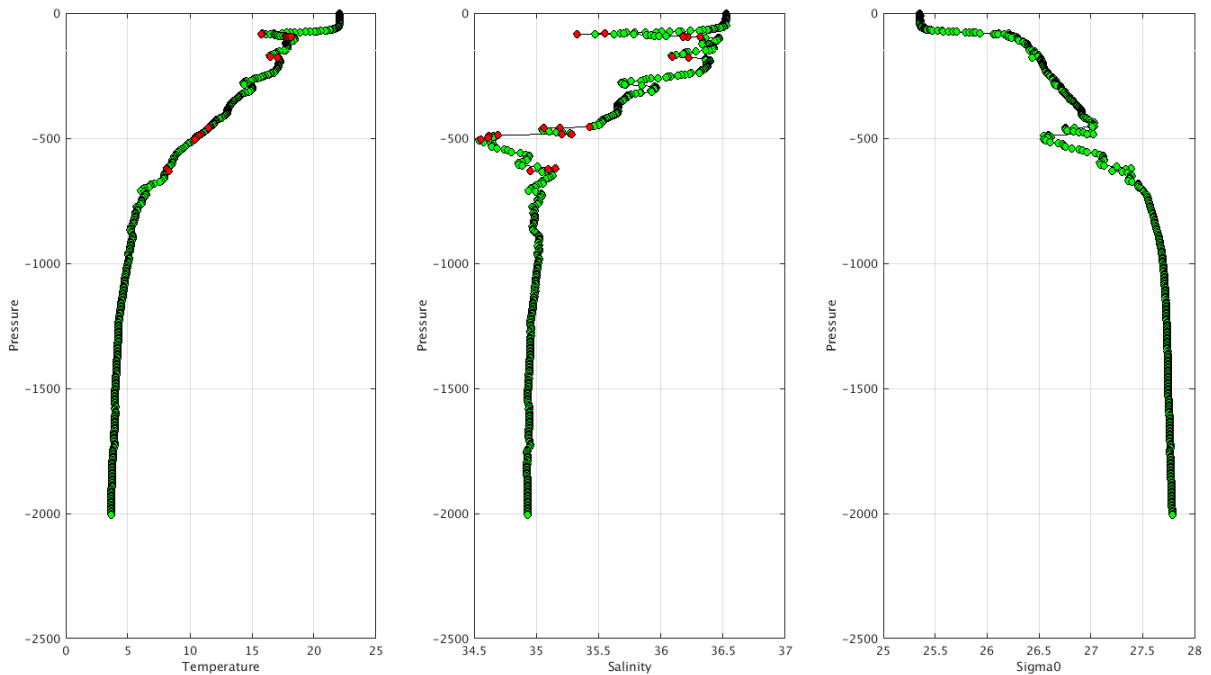
ME,4901827,66,30/05/2018 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=59388747> ,PSAL\_ADJUSTED,510,615,1,4,Primary sampling  
 ME,4901827,66,30/05/2018 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=59388747> ,PSAL\_ADJUSTED,635,730,1,4,Primary sampling  
 ME,4902445,24,01/02/2019 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=63090158> ,PSAL,1,35.5,1,3,Primary sampling  
 ME,4902445,24,01/02/2019 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=63090158> ,PSAL,463.8,1162.6,1,4,Primary sampling  
 ME,4902445,24,01/02/2019 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=63090158> ,PSAL,75.6,75.6,1,3,Primary sampling

Example of anomalies:

Warning Objective Analysis Anomalies 2019 February TEMP PSAL : DAC ME- Float 4901826 - 98



Warning Objective Analysis Anomalies 2019 February TEMP PSAL : DAC ME- Float 4901827 - 66

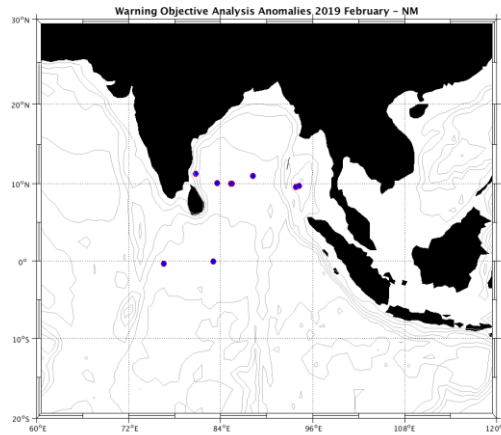


## 10. DAC NMDIS

Profiles detected by the objective analysis: 9 profiles (5 floats – float can have several cycles with anomalies)

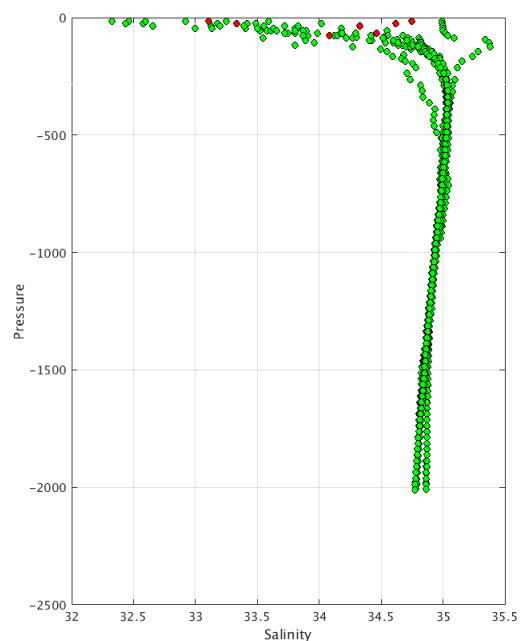
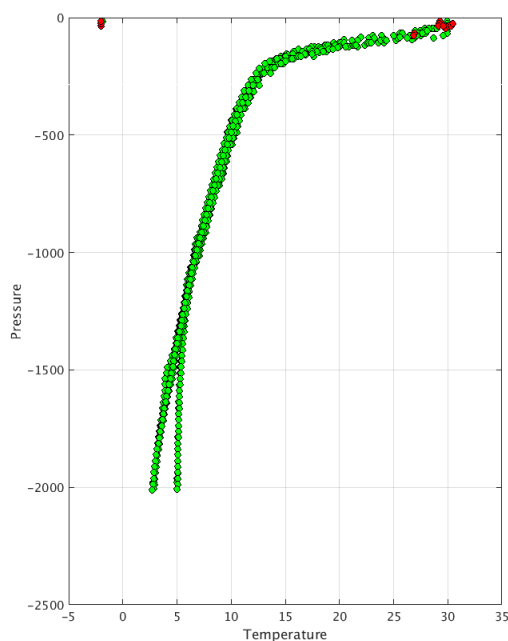
Data_mode ='R'	Data_mode ='A'	Data_mode ='D'
9 cycles	0 cycle	0 cycle

### INACTIVE FLOATS



**Status of corrections: Corrections not done, no feedback.**

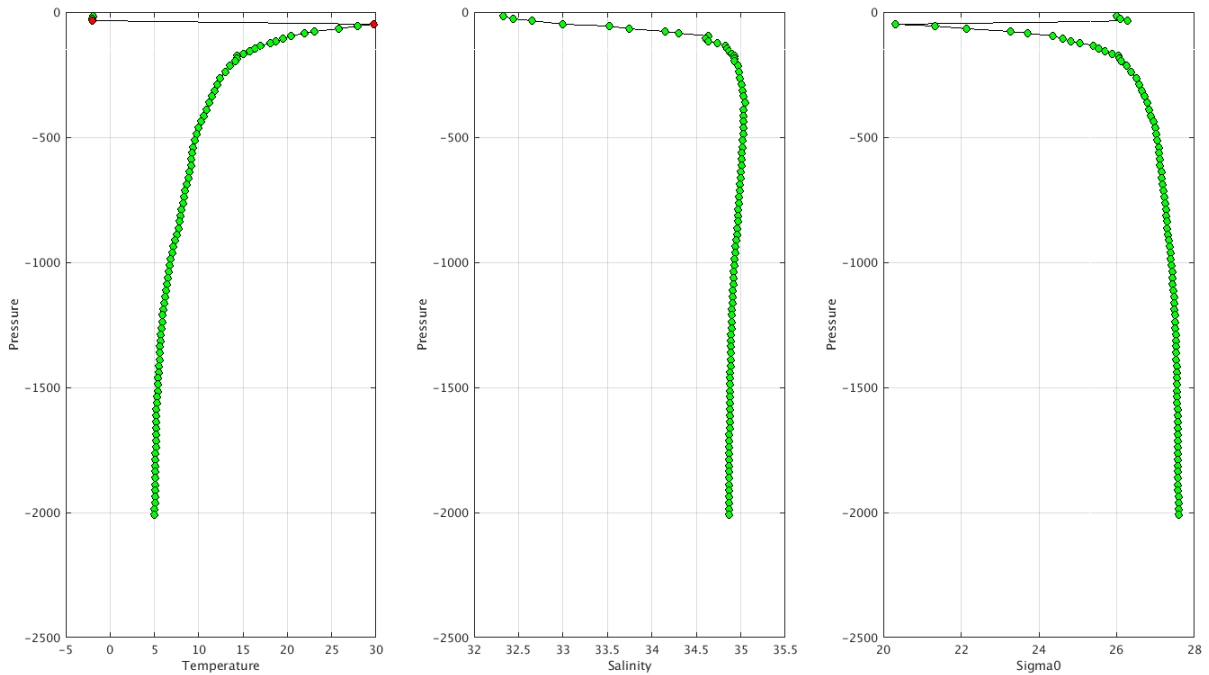
Float : 2901622 - Cycle : 1 - PI : Fengying JI - Data mode : R - Platform type : PROVOR - WMO inst type : 841 - FLOAT SERIAL : OIN-08CH-S3-022 - Date : 2010 5 6  
 Float : 2901622 - Cycle : 2 - PI : Fengying JI - Data mode : R - Platform type : PROVOR - WMO inst type : 841 - FLOAT SERIAL : OIN-08CH-S3-022 - Date : 2010 5 16  
 Float : 2901624 - Cycle : 110 - PI : Fengying JI - Data mode : R - Platform type : PROVOR - WMO inst type : 841 - FLOAT SERIAL : OIN-08CH-S3-024 - Date : 2013 5 2  
 Float : 2901625 - Cycle : 0 - PI : Fengying JI - Data mode : R - Platform type : PROVOR - WMO inst type : 841 - FLOAT SERIAL : OIN-08CH-S3-025 - Date : 2010 5 14  
 Float : 2901625 - Cycle : 85 - PI : Fengying JI - Data mode : R - Platform type : PROVOR - WMO inst type : 841 - FLOAT SERIAL : OIN-08CH-S3-025 - Date : 2012 9 10  
 Float : 2901626 - Cycle : 0 - PI : Fengying JI - Data mode : R - Platform type : PROVOR - WMO inst type : 841 - FLOAT SERIAL : OIN-08CH-S3-026 - Date : 2010 5 1  
 Float : 2901626 - Cycle : 1 - PI : Fengying JI - Data mode : R - Platform type : PROVOR - WMO inst type : 841 - FLOAT SERIAL : OIN-08CH-S3-026 - Date : 2010 5 11  
 Float : 2901626 - Cycle : 110 - PI : Fengying JI - Data mode : R - Platform type : PROVOR - WMO inst type : 841 - FLOAT SERIAL : OIN-08CH-S3-026 - Date : 2013 5 5  
 Float : 2901629 - Cycle : 0 - PI : Fengying JI - Data mode : R - Platform type : PROVOR - WMO inst type : 841 - FLOAT SERIAL : OIN-08CH-S3-029 - Date : 2010 5 2



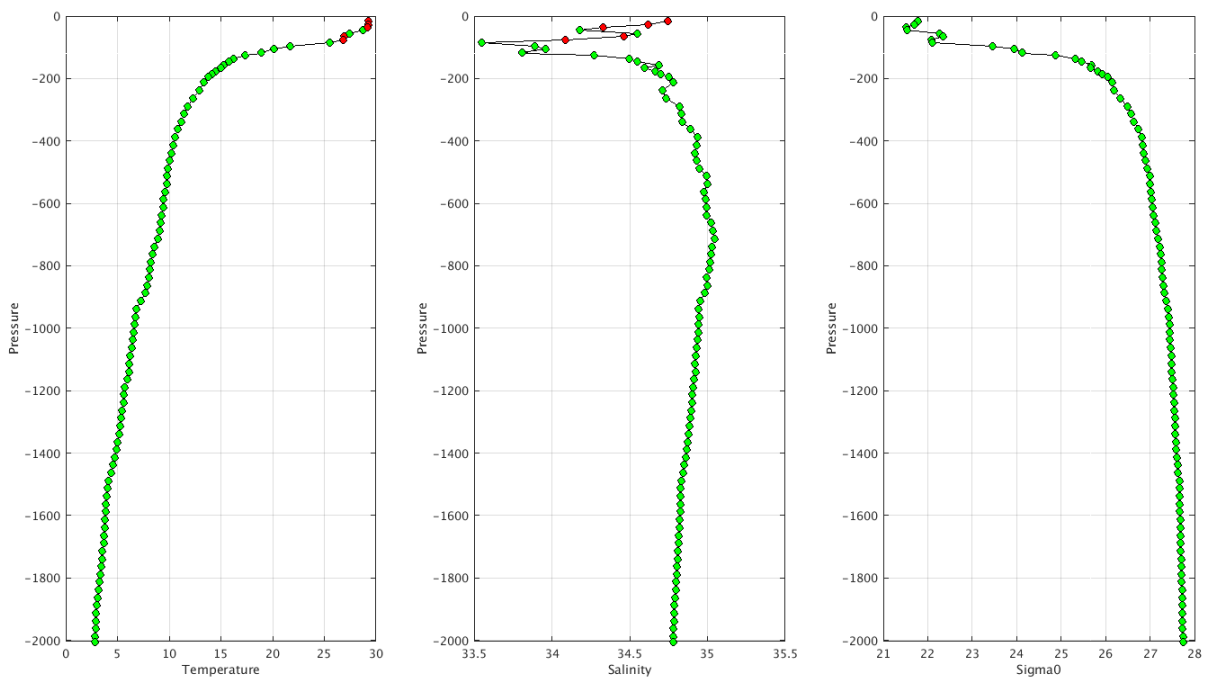
NM,2901622,2,27/11/2018 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=40265885> ,TEMP,16,26,1,4,Primary sampling  
 NM,2901624,110,27/11/2018 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=40267167> ,TEMP,16,16,1,4,Primary sampling  
 NM,2901625,0,27/11/2018 00:00:00,D,<http://www.ifremer.fr/co-argoFloats/station?stationId=40266243> ,PSAL,14,14,1,4,Primary sampling  
 NM,2901625,85,27/11/2018 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=40267084> ,PSAL,45,56,1,4,Primary sampling  
 NM,2901625,85,27/11/2018 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=40267084> ,PSAL,86,1188,1,4,Primary sampling  
 NM,2901625,85,27/11/2018 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=40267084> ,TEMP,16,36,4,1,Primary sampling  
 NM,2901625,85,27/11/2018 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=40267084> ,TEMP,66,77,4,1,Primary sampling  
 NM,2901626,0,27/11/2018 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=40266419> ,TEMP,16,16,1,4,Primary sampling  
 NM,2901626,0,27/11/2018 00:00:00,D,<http://www.ifremer.fr/co-argoFloats/station?stationId=40266412> ,TEMP,17,17,1,4,Primary sampling  
 NM,2901626,1,27/11/2018 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=40266430> ,TEMP,16,16,1,4,Primary sampling  
 NM,2901626,110,27/11/2018 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=40267625> ,TEMP,16,16,1,4,Primary sampling  
 NM,2901629,0,27/11/2018 00:00:00,D,<http://www.ifremer.fr/co-argoFloats/station?stationId=40266982> ,TEMP,16,25,1,4,Primary sampling

Example of anomalies:

Warning Objective Analysis Anomalies 2019 February TEMP PSAL : DAC NM- Float 2901622 - 2



Warning Objective Analysis Anomalies 2019 February TEMP PSAL : DAC NM- Float 2901625 - 85



## 11. 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`

### 11.1. 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 : 7028**

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 -

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 -

5905641 - Existing nc files

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

## 11.2. 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 monopofile, 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

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  
File : 3901503\_meta.nc - 3901503\_prof.nc - 3901503\_tech.nc -

3901504 - Existing nc files  
File : 3901504\_meta.nc - 3901504\_prof.nc - 3901504\_tech.nc -

3901505 - Existing nc files  
File : 3901505\_meta.nc - 3901505\_prof.nc - 3901505\_tech.nc -

3901506 - Existing nc files  
File : 3901506\_meta.nc - 3901506\_prof.nc - 3901506\_tech.nc -

3901507 - Existing nc files  
File : 3901507\_meta.nc - 3901507\_prof.nc - 3901507\_tech.nc -

3901508 - Existing nc files  
File : 3901508\_meta.nc - 3901508\_prof.nc - 3901508\_tech.nc -

3901509 - Existing nc files  
File : 3901509\_meta.nc - 3901509\_prof.nc - 3901509\_tech.nc -

3901510 - Existing nc files  
File : 3901510\_meta.nc - 3901510\_prof.nc - 3901510\_tech.nc -

3901511 - Existing nc files  
File : 3901511\_meta.nc - 3901511\_prof.nc - 3901511\_tech.nc -

3901512 - Existing nc files  
File : 3901512\_meta.nc - 3901512\_prof.nc - 3901512\_tech.nc -

3901513 - Existing nc files  
File : 3901513\_meta.nc - 3901513\_prof.nc - 3901513\_tech.nc -

3901514 - Existing nc files  
File : 3901514\_meta.nc - 3901514\_prof.nc - 3901514\_tech.nc -

3901515 - Existing nc files  
File : 3901515\_meta.nc - 3901515\_prof.nc - 3901515\_tech.nc -

3901516 - Existing nc files  
File : 3901516\_meta.nc - 3901516\_prof.nc - 3901516\_tech.nc -

3901517 - Existing nc files  
File : 3901517\_meta.nc - 3901517\_prof.nc - 3901517\_tech.nc -

3901519 - Existing nc files  
File : 3901519\_meta.nc - 3901519\_prof.nc - 3901519\_tech.nc -

3901520 - Existing nc files  
File : 3901520\_meta.nc - 3901520\_prof.nc - 3901520\_tech.nc -

3901521 - Existing nc files  
File : 3901521\_meta.nc - 3901521\_prof.nc - 3901521\_tech.nc -

3901522 - Existing nc files  
File : 3901522\_meta.nc - 3901522\_prof.nc - 3901522\_tech.nc -

3901523 - Existing nc files  
File : 3901523\_meta.nc - 3901523\_prof.nc - 3901523\_tech.nc -

3901524 - Existing nc files  
File : 3901524\_meta.nc - 3901524\_prof.nc - 3901524\_tech.nc -

3901525 - Existing nc files  
File : 3901525\_meta.nc - 3901525\_prof.nc - 3901525\_tech.nc -

3901526 - Existing nc files  
File : 3901526\_meta.nc - 3901526\_prof.nc - 3901526\_tech.nc -

3901527 - Existing nc files  
File : 3901527\_meta.nc - 3901527\_prof.nc - 3901527\_tech.nc -

3901528 - Existing nc files  
File : 3901528\_meta.nc - 3901528\_prof.nc - 3901528\_tech.nc -

3901529 - Existing nc files  
File : 3901529\_meta.nc - 3901529\_prof.nc - 3901529\_tech.nc -

3901532 - Existing nc files  
File : 3901532\_meta.nc - 3901532\_prof.nc - 3901532\_tech.nc -

3901533 - Existing nc files  
File : 3901533\_meta.nc - 3901533\_prof.nc - 3901533\_tech.nc -

3901534 - Existing nc files  
File : 3901534\_meta.nc - 3901534\_prof.nc - 3901534\_tech.nc -

3901535 - Existing nc files  
File : 3901535\_meta.nc - 3901535\_prof.nc - 3901535\_tech.nc -

3901536 - Existing nc files  
File : 3901536\_meta.nc - 3901536\_prof.nc - 3901536\_tech.nc -

3901537 - Existing nc files  
File : 3901537\_meta.nc - 3901537\_prof.nc - 3901537\_tech.nc -

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

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

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

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

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

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

### 11.3. 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 : 2808**

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 -

3901678 - Existing nc files

File : 3901678\_Rtraj.nc - 3901678\_meta.nc -

5902309 - Existing nc files

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

6900831 - Existing nc files

File : 6900831\_Rtraj.nc - 6900831\_meta.nc - 6900831\_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 -

6901069 - Existing nc files

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

6901438 - Existing nc files

File : 6901438\_Rtraj.nc - 6901438\_meta.nc -

6901469 - Existing nc files

File : 6901469\_Rtraj.nc - 6901469\_meta.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 -

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

## 11.4. 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 : 403**

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

## 11.5. 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 : 852**

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

## 11.6. 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 -

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

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

2902262 - Existing nc files

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

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

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

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

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

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

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

## 11.7. 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 : 1649**

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

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

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

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

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

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

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

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

902529 - Existing nc files  
File : 2902529\_Mprof.nc - 2902529\_meta.nc - 2902529\_prof.nc -

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

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

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

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

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

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

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 -

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 -

## 11.8. 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

## 11.9. 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  
File : 5900474\_meta.nc - 5900474\_prof.nc

## 11.10. MEDS

For some floats :

- traj file missing

See below the list of floats with existing nc files :

DAC name : meds – Number of floats : 517

## 11.11. NMDIS

For some floats :

- 

See below the list of floats with existing nc files :

DAC name : nmdis – Number of floats : 19

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

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

### 12.1. AOML

### 12.2. 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

### 12.3. CSIO

### 12.4. CSIRO





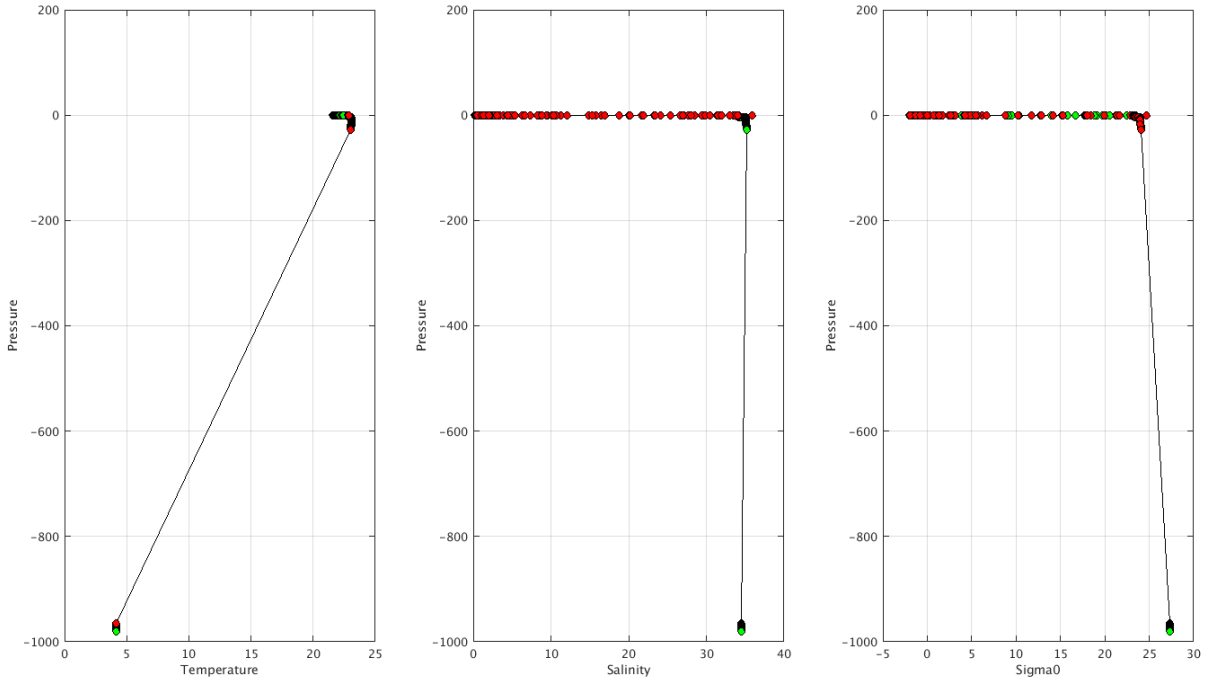


# 13. Automatic Tests (December 2017)

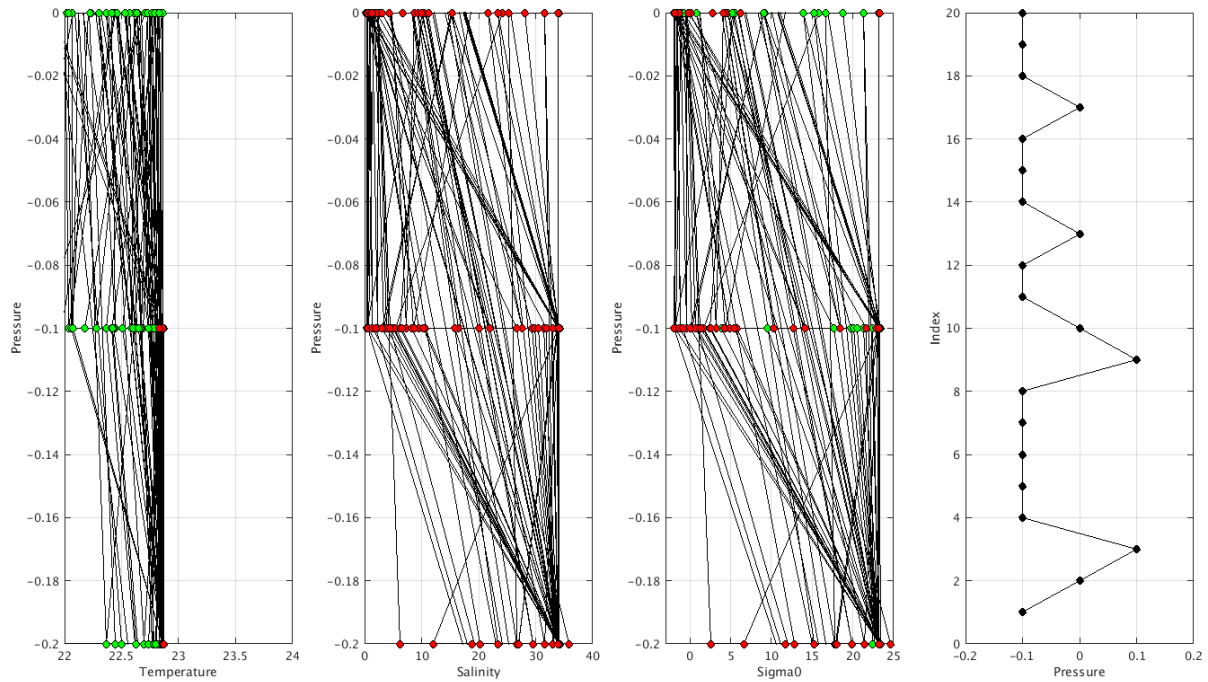
## 1. Near-surface sampling scheme

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).

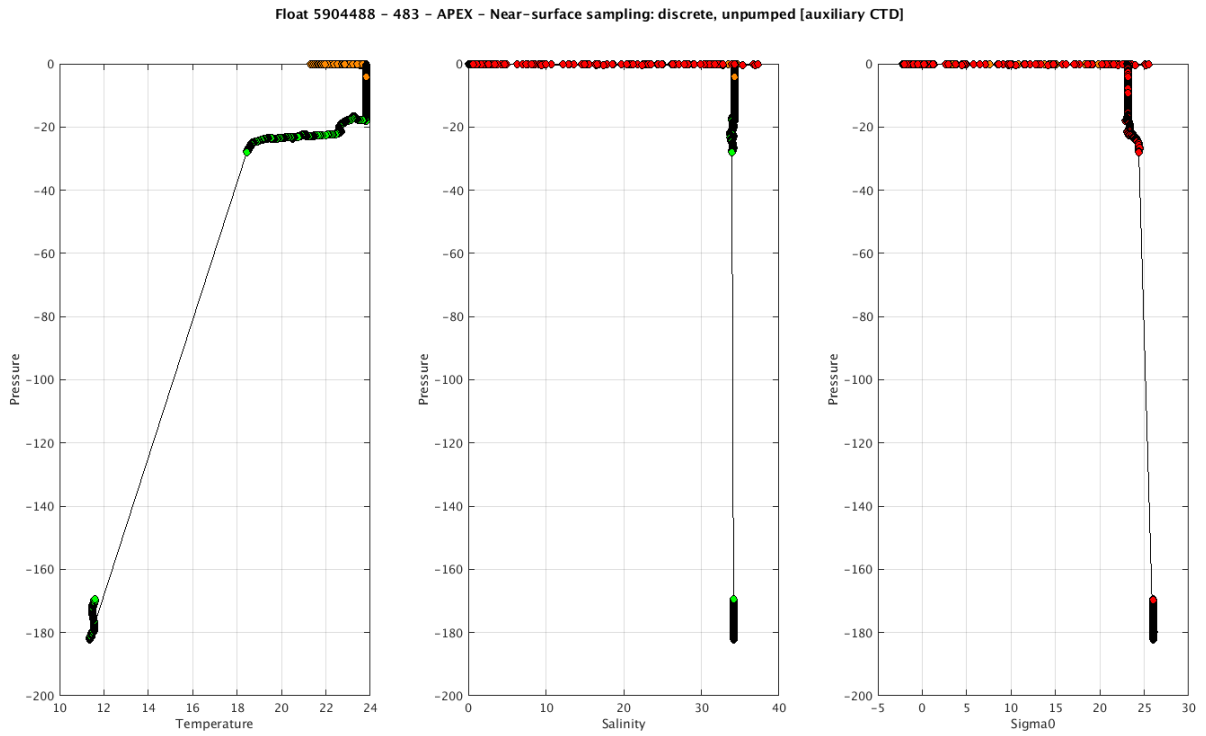
Float 5904656 - 156 - APEX - n/a



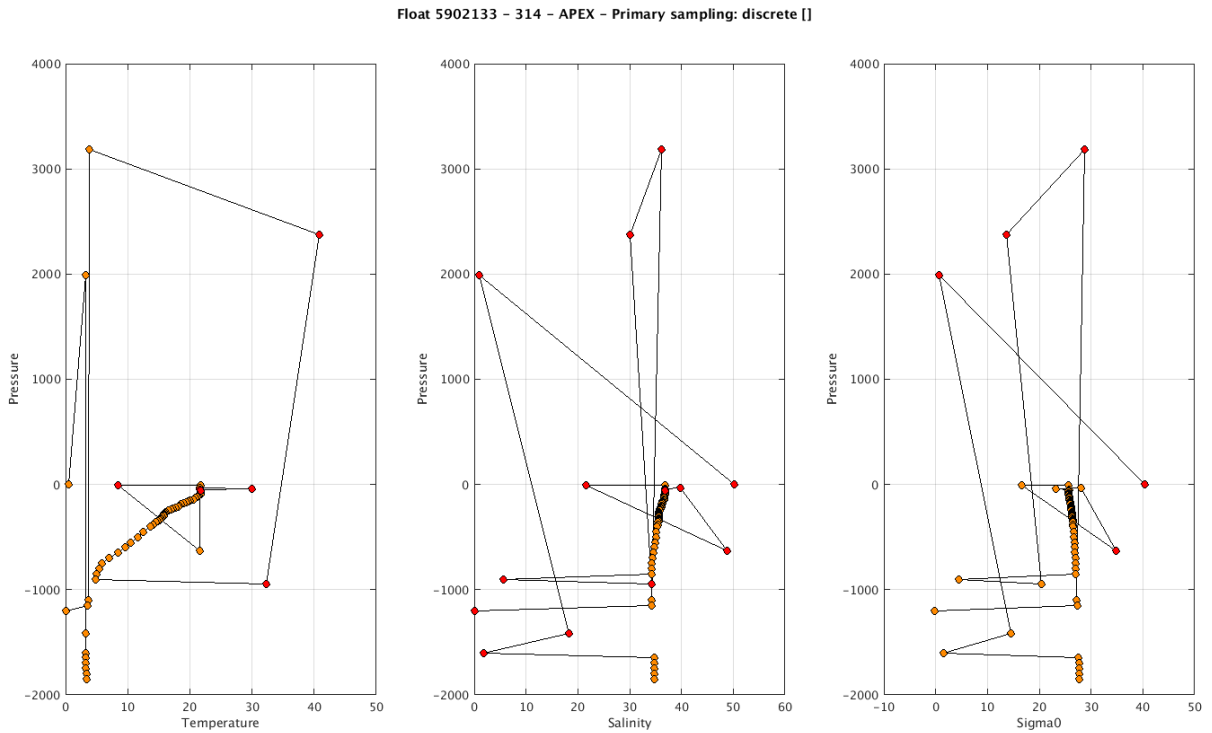
Float 5904656 - 156 - APEX - n/a



2. Strange profiles going through all the automatic tests :



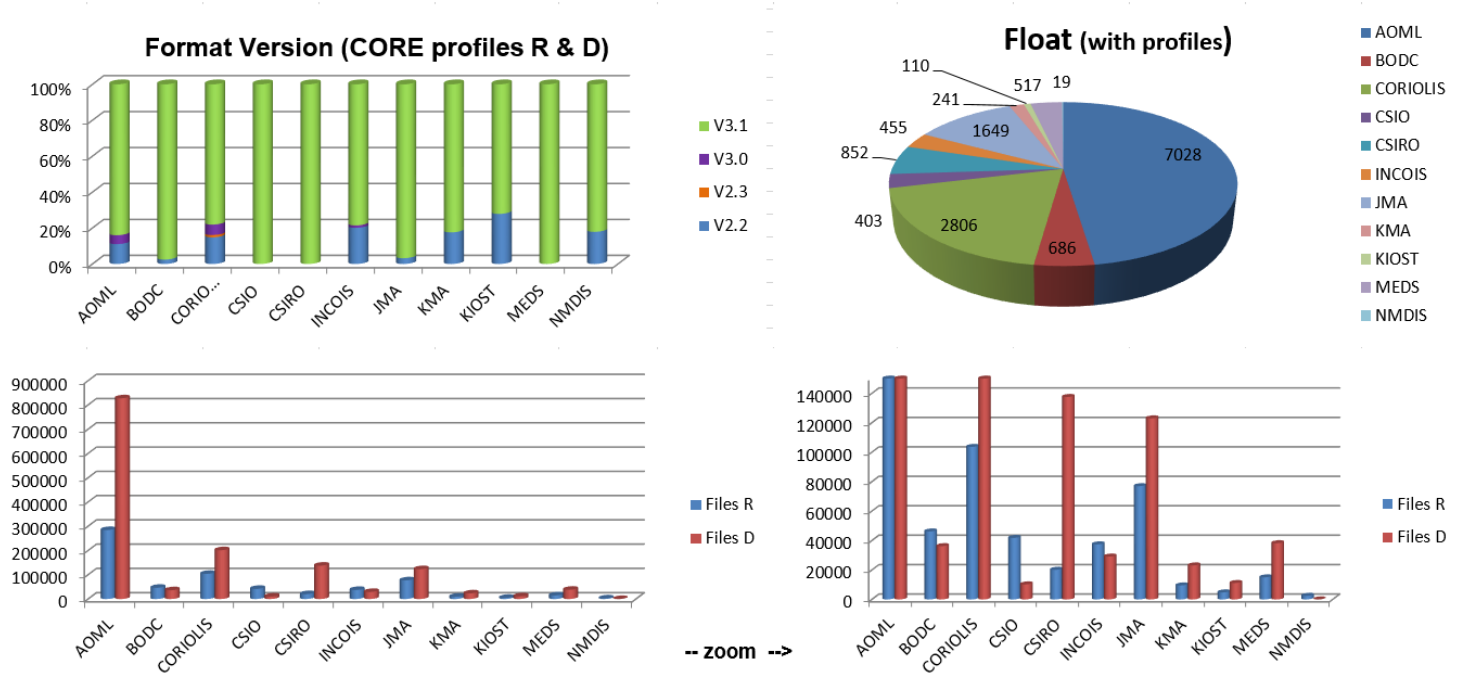
Profiles with strange groups of measurements like a strong decoding (may be some measurements should be in trajectory and not in the vertical profile).



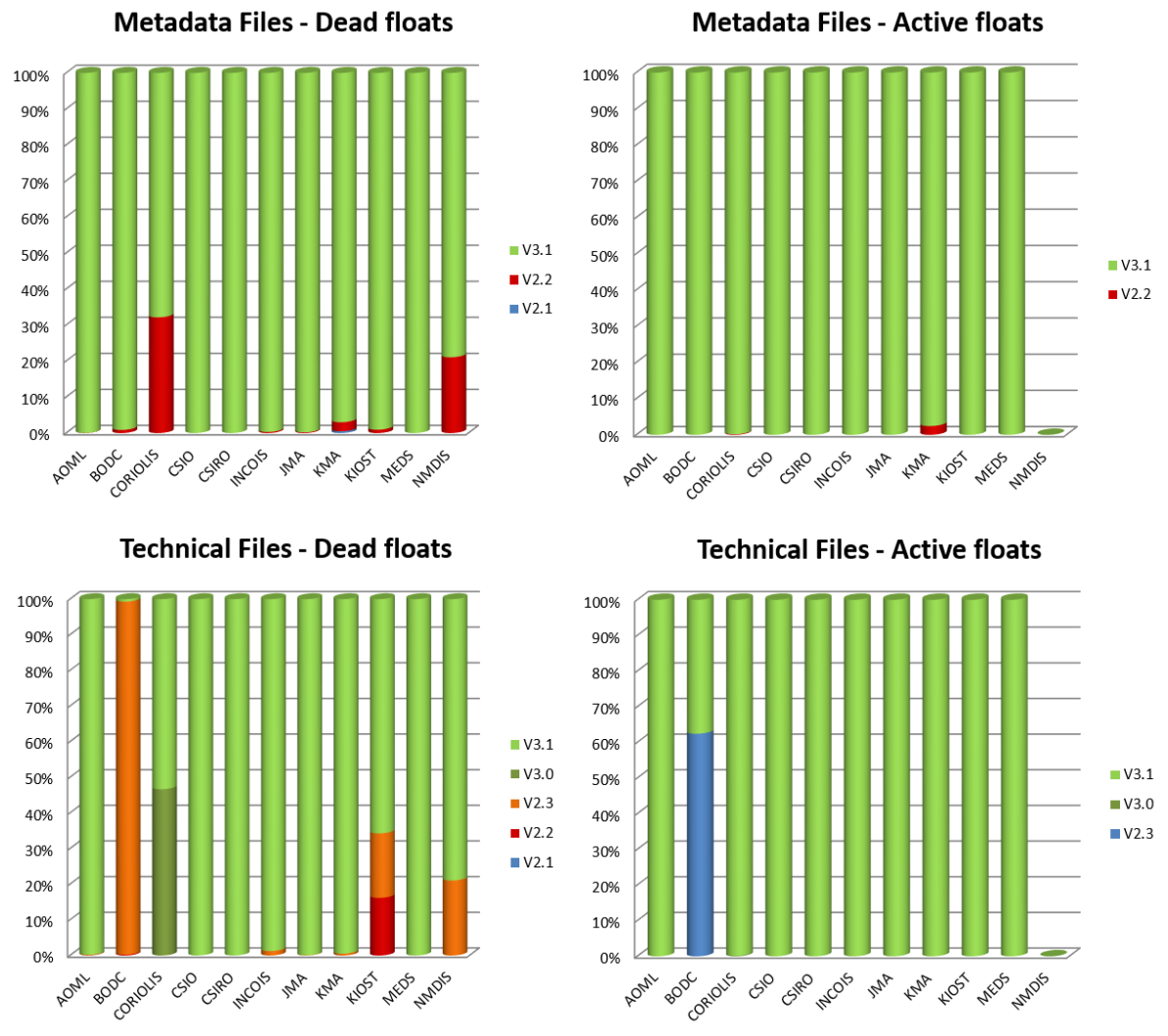
Problems of decoding

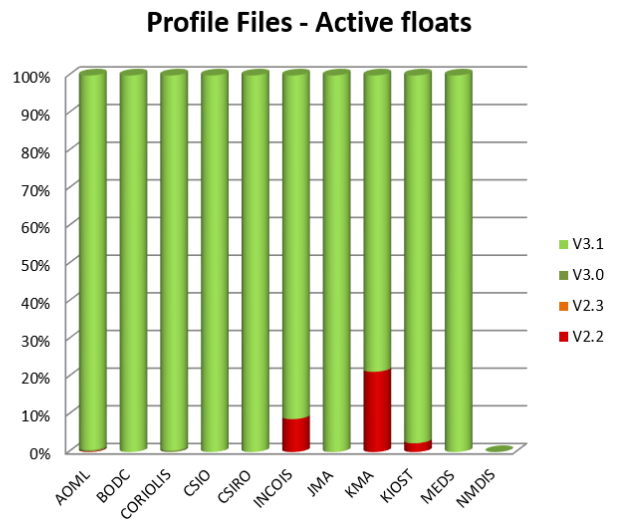
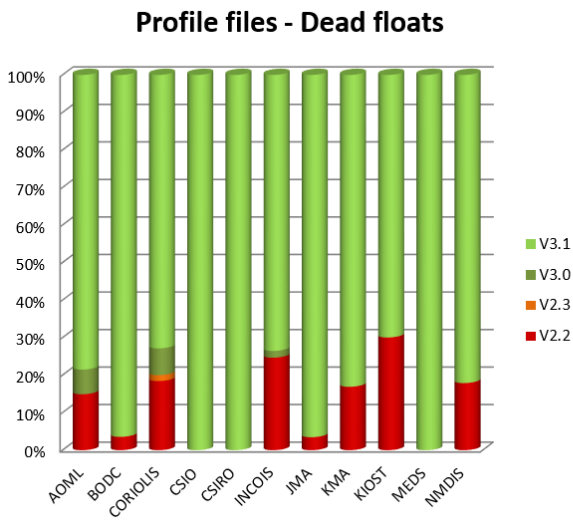
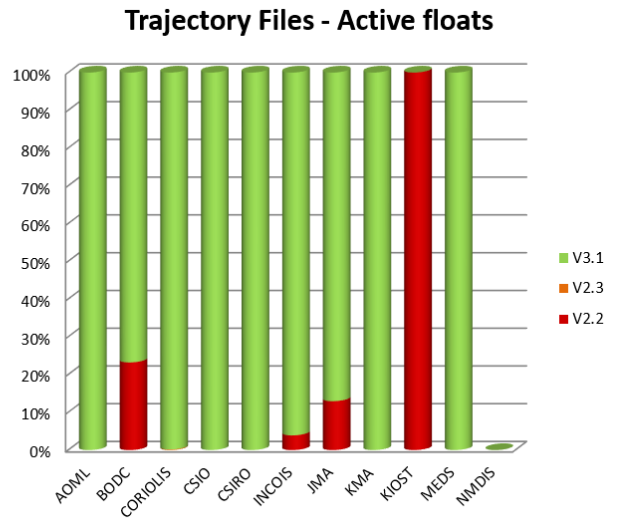
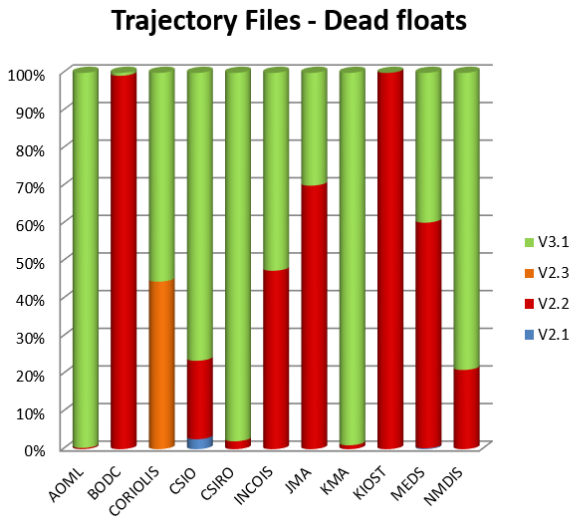
# 14. Statistics on floats and format version (End of February 2019)

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



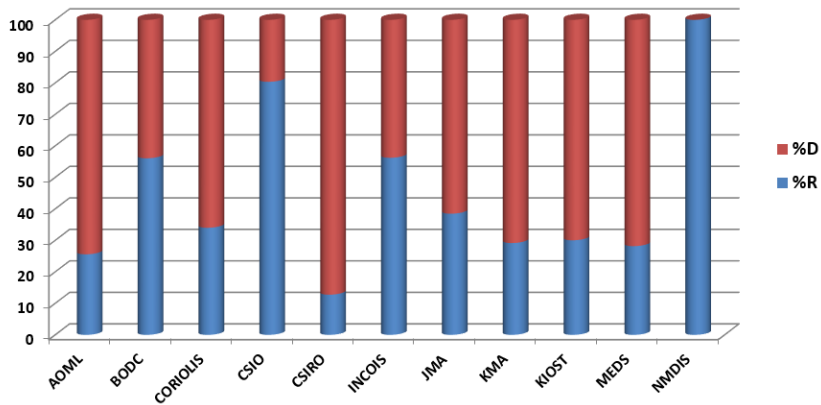
Plots showing format\_version percentage, for metadata-technical-trajectory and core profiles following dead or active floats.





### Delayed mode percentage by DAC

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



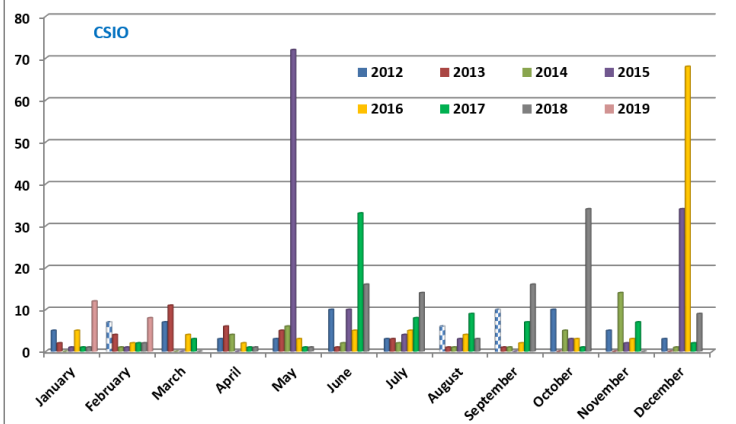
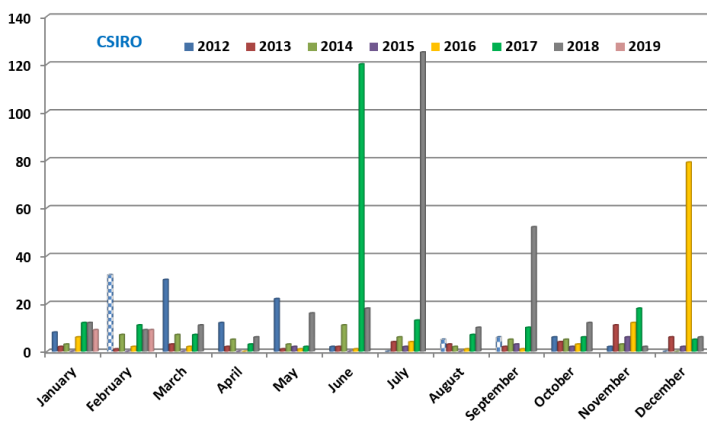
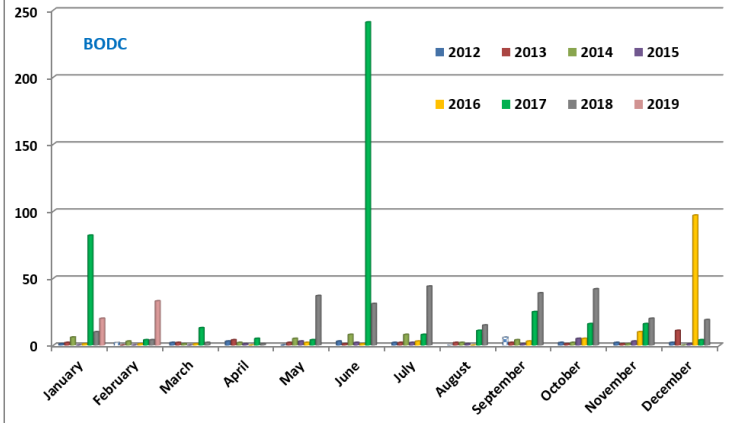
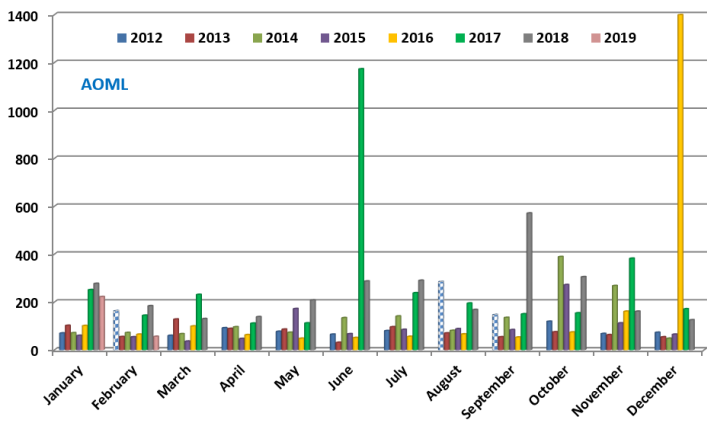
## 15. Statistics on anomalies

Plots showing evolution of number of anomalies by DAC.

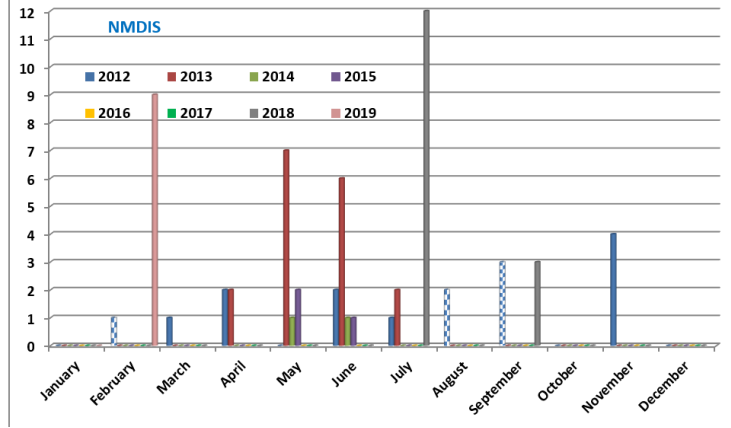
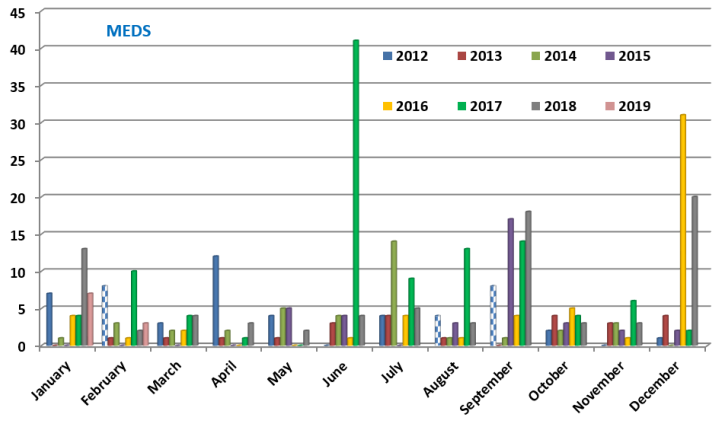
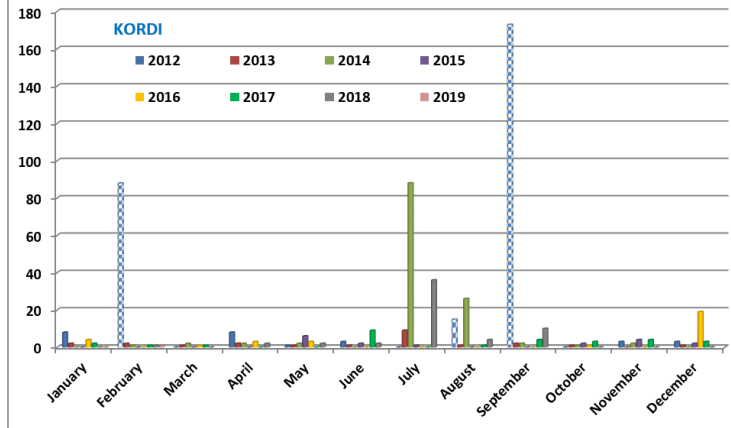
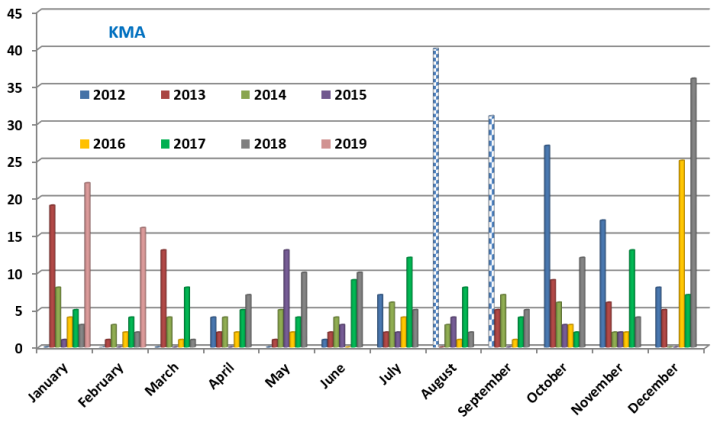
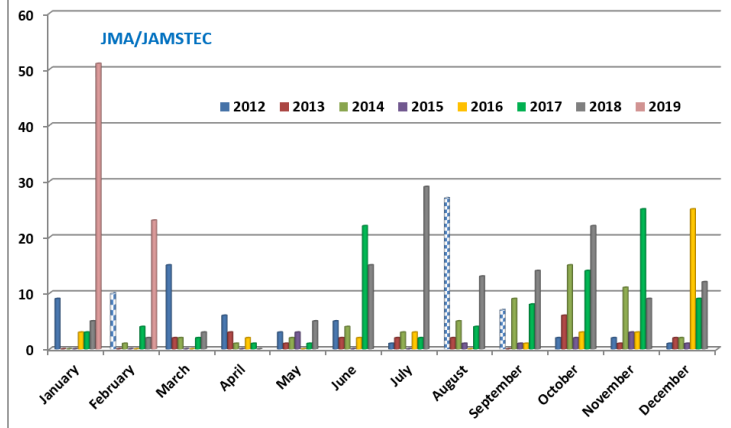
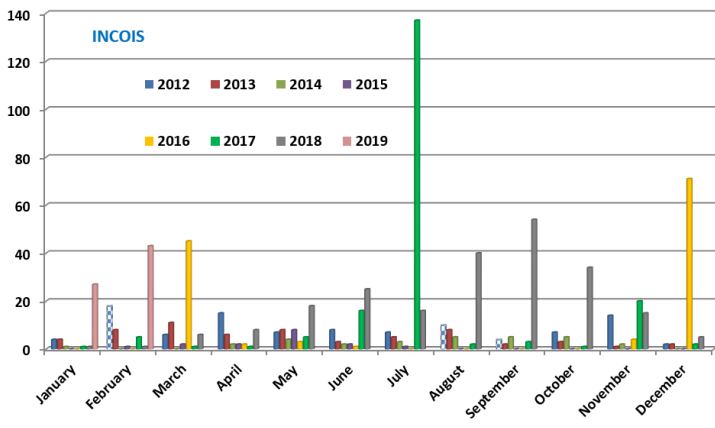
## 15.1. Year



## 15.2. DAC







### 15.3. Anomalies by year, by month

