



# Anomalies on Argo profiles

From warning objective analysis, netcdf file analysis

## Format version

**August 2017**

Christine Coatanoan-Girou

**Coriolis**

## **NOTES**

§14 New plot showing the percentage of DM and RT files by DAC

# Anomalies by DAC

## Summary

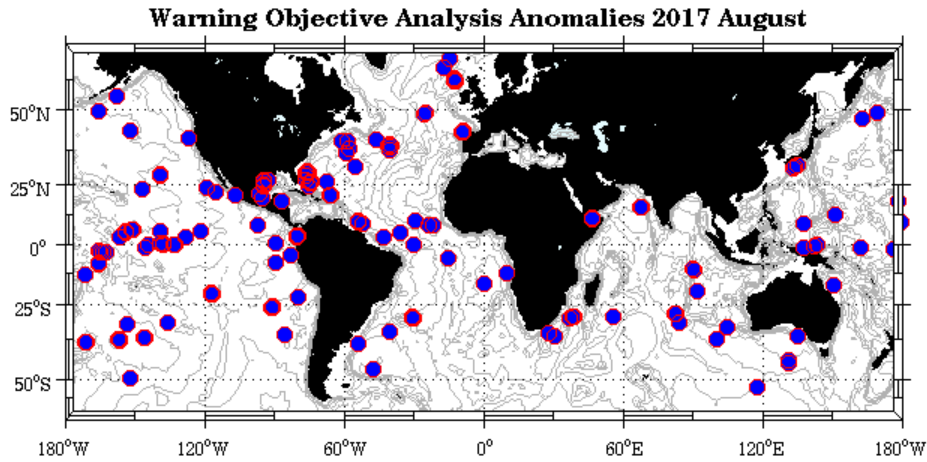
1.	DAC AOML .....	5
2.	DAC BODC .....	25
3.	DAC CSIO .....	28
4.	DAC CSIRO .....	31
5.	DAC INCOIS .....	33
6.	DAC JMA/JAMSTEC .....	35
7.	DAC KMA .....	37
8.	DAC KORDI .....	40
9.	DAC MEDS .....	42
10.	DAC NMDIS .....	45
11.	File anomalies (GDAC – Real time) .....	46
11.1.	AOML .....	46
11.2.	BODC .....	48
11.3.	CORIOLIS .....	51
11.4.	CSIO .....	52
11.5.	CSIRO .....	53
11.6.	INCOIS .....	53
11.7.	JMA .....	54
11.8.	KMA .....	56
11.9.	KORDI .....	56
11.10.	MEDS .....	56
11.11.	NMDIS .....	57
12.	Delayed Mode anomalies (adjusted fields) – date mode = 'A' or 'D' .....	57
12.1.	AOML .....	57
12.2.	BODC .....	57
12.3.	CSIO .....	57
12.4.	CSIRO .....	57
12.5.	INCOIS .....	58
12.6.	JMA/JAMSTEC .....	58
12.7.	KMA .....	58
12.8.	KORDI .....	58

12.9.	NMDIS .....	58
13.	Automatic Tests (June's version) .....	60
14.	Statistics on floats and format version (August 2017).....	61
15.	Statistics on anomalies .....	63
15.1.	Year .....	63
15.2.	DAC .....	63
15.3.	Anomalies by year, by month .....	65

# 1. DAC AOML

Profiles detected by the objective analysis: 195 profiles but 2 profiles missing since feedbacks (removal process) (102 floats, but floats can have several cycles with anomalies)

Data_mode ='R'	Data_mode ='A'	Data_mode ='D'
88 cycles	105 cycles	0 cycle



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

**In blue: floats with multipfiles.**

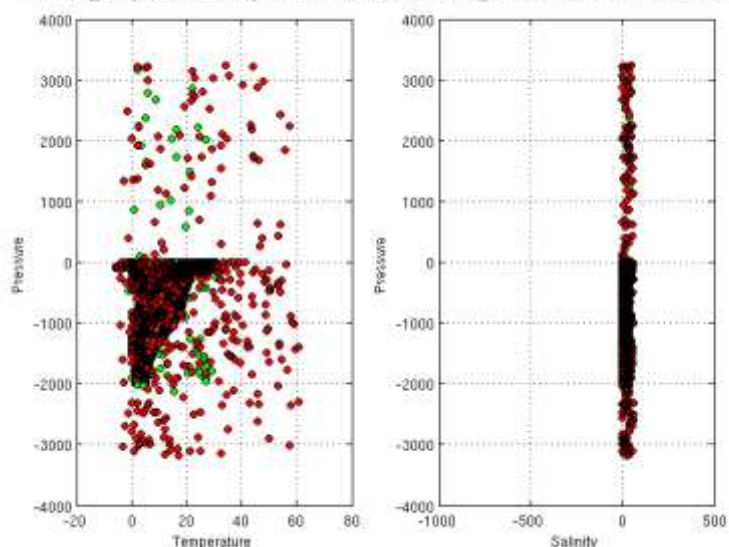
- Float : 1901563 - Cycle : 155 - PI : BRECK OWENS - Data mode : R - Platform type : SOLO\_W - WMO inst type : 851 - FLOAT SERIAL : 1085 - Date : 2017 8 21
- Float : 1901601 - Cycle : 171 - PI : BRECK OWENS - Data mode : R - Platform type : S2A - WMO inst type : 854 - FLOAT SERIAL : 7052 - Date : 2017 7 28
- Float : 1901654 - Cycle : 142 - PI : BRECK OWENS, STEVE JAYNE, P.E. ROBBINS - Data mode : R - Platform type : SOLO\_W - WMO inst type : 851 - FLOAT SERIAL : 1164 - Date : 2017 8 1
- Float : 1901654 - Cycle : 143 - PI : BRECK OWENS, STEVE JAYNE, P.E. ROBBINS - Data mode : R - Platform type : SOLO\_W - WMO inst type : 851 - FLOAT SERIAL : 1164 - Date : 2017 8 11
- Float : 1901654 - Cycle : 144 - PI : BRECK OWENS, STEVE JAYNE, P.E. ROBBINS - Data mode : R - Platform type : SOLO\_W - WMO inst type : 851 - FLOAT SERIAL : 1164 - Date : 2017 8 21
- Float : 1901689 - Cycle : 149 - PI : BRECK OWENS, STEVE JAYNE, P.E. ROBBINS - Data mode : R - Platform type : S2A - WMO inst type : 854 - FLOAT SERIAL : 7144 - Date : 2017 8 25
- Float : 1901715 - Cycle : 118 - PI : BRECK OWENS, STEVEN JAYNE, P.E. ROBBINS - Data mode : R - Platform type : S2A - WMO inst type : 854 - FLOAT SERIAL : 7244 - Date : 2017 8 13
- Float : 1901715 - Cycle : 119 - PI : BRECK OWENS, STEVEN JAYNE, P.E. ROBBINS - Data mode : R - Platform type : S2A - WMO inst type : 854 - FLOAT SERIAL : 7244 - Date : 2017 8 22
- Float : 1901717 - Cycle : 117 - PI : BRECK OWENS, STEVEN JAYNE, P.E. ROBBINS - Data mode : R - Platform type : S2A - WMO inst type : 854 - FLOAT SERIAL : 7219 - Date : 2017 8 7
- Float : 1901806 - Cycle : 76 - PI : BRECK OWENS, STEVEN JAYNE, P.E. ROBBINS - Data mode : R - Platform type : S2A - WMO inst type : 854 - FLOAT SERIAL : 7314 - Date : 2017 8 29
- Float : 1901807 - Cycle : 72 - PI : BRECK OWENS, STEVEN JAYNE, P.E. ROBBINS - Data mode : R - Platform type : S2A - WMO inst type : 854 - FLOAT SERIAL : 7315 - Date : 2017 7 19
- Float : 1902067 - Cycle : 27 - PI : BRECK OWENS, STEVEN JAYNE, P.E. ROBBINS - Data mode : R - Platform type : S2A - WMO inst type : 854 - FLOAT SERIAL : 7402 - Date : 2017 8 28
- Float : 2901466 - Cycle : 307 - PI : CARL SZCZECZOWSKI - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 6763 - Date : 2017 8 8
- Float : 2901466 - Cycle : 309 - PI : CARL SZCZECZOWSKI - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 6763 - Date : 2017 8 16
- Float : 2901466 - Cycle : 310 - PI : CARL SZCZECZOWSKI - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 6763 - Date : 2017 8 20
- Float : 2902400 - Cycle : 134 - PI : CARL SZCZECZOWSKI - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7567 - Date : 2017 8 17
- Float : 2902402 - Cycle : 124 - PI : CARL SZCZECZOWSKI - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7569 - Date : 2017 7 29
- Float : 2902402 - Cycle : 125 - PI : CARL SZCZECZOWSKI - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7569 - Date : 2017 8 2
- Float : 2902402 - Cycle : 126 - PI : CARL SZCZECZOWSKI - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7569 - Date : 2017 8 5
- Float : 2902402 - Cycle : 128 - PI : CARL SZCZECZOWSKI - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7569 - Date : 2017 8 12
- Float : 2902402 - Cycle : 129 - PI : CARL SZCZECZOWSKI - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7569 - Date : 2017 8 16
- Float : 2902402 - Cycle : 130 - PI : CARL SZCZECZOWSKI - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7569 - Date : 2017 8 20
- Float : 2902402 - Cycle : 131 - PI : CARL SZCZECZOWSKI - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7569 - Date : 2017 8 23
- Float : 2902404 - Cycle : 79 - PI : CARL SZCZECZOWSKI - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7571 - Date : 2017 8 5
- Float : 3900770 - Cycle : 214 - PI : BRECK OWENS - Data mode : R - Platform type : SOLO\_W - WMO inst type : 851 - FLOAT SERIAL : 1069 - Date : 2017 8 19
- Float : 3901123 - Cycle : 183 - PI : DEAN ROEMMICH - Data mode : R - Platform type : SOLO - WMO inst type : 851 - FLOAT SERIAL : 3058 - Date : 2017 8 3
- Float : 3901155 - Cycle : 148 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : NAVIS\_A - WMO inst type : 863 - FLOAT SERIAL : 0160 - Date : 2017 8 8
- Float : 3901184 - Cycle : 125 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : NAVIS\_A - WMO inst type : 863 - FLOAT SERIAL : 0297 - Date : 2017 8 18
- Float : 3901184 - Cycle : 126 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : NAVIS\_A - WMO inst type : 863 - FLOAT SERIAL : 0297 - Date : 2017 8 28
- Float : 3901199 - Cycle : 74 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : NAVIS\_A - WMO inst type : 863 - FLOAT SERIAL : 0478 - Date : 2017 6 20





Float : 5904402 - Cycle : 109 - PI : STEPHEN RISER - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 6931 - Date : 2017 8 18  
 Float : 5904402 - Cycle : 110 - PI : STEPHEN RISER - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 6931 - Date : 2017 8 28  
 Float : 5904406 - Cycle : 110 - PI : STEPHEN RISER - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 6935 - Date : 2017 7 25  
 Float : 5904414 - Cycle : 103 - PI : STEPHEN RISER - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 6388 - Date : 2017 8 28  
 Float : 5904449 - Cycle : 99 - PI : STEPHEN RISER - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 6950 - Date : 2017 8 9  
 Float : 5904449 - Cycle : 101 - PI : STEPHEN RISER - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 6950 - Date : 2017 8 29  
 Float : 5904454 - Cycle : 99 - PI : STEPHEN RISER - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 6924 - Date : 2017 7 28  
 Float : 5904454 - Cycle : 100 - PI : STEPHEN RISER - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 6924 - Date : 2017 8 7  
 Float : 5904454 - Cycle : 101 - PI : STEPHEN RISER - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 6924 - Date : 2017 8 17  
 Float : 5904454 - Cycle : 102 - PI : STEPHEN RISER - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 6924 - Date : 2017 8 27  
 Float : 5904456 - Cycle : 101 - PI : STEPHEN RISER - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 6925 - Date : 2017 8 14  
 Float : 5904456 - Cycle : 102 - PI : STEPHEN RISER - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 6925 - Date : 2017 8 25  
 Float : 5904500 - Cycle : 185 - PI : DEAN ROEMMICH - Data mode : R - Platform type : SOLO\_II - WMO inst type : 853 - FLOAT SERIAL : 8213 - Date : 2017 8 6  
 Float : 5904501 - Cycle : 185 - PI : DEAN ROEMMICH - Data mode : R - Platform type : SOLO\_II - WMO inst type : 853 - FLOAT SERIAL : 8214 - Date : 2017 7 28  
 Float : 5904501 - Cycle : 188 - PI : DEAN ROEMMICH - Data mode : R - Platform type : SOLO\_II - WMO inst type : 853 - FLOAT SERIAL : 8214 - Date : 2017 8 18  
 Float : 5904514 - Cycle : 181 - PI : DEAN ROEMMICH - Data mode : R - Platform type : SOLO\_II - WMO inst type : 853 - FLOAT SERIAL : 8227 - Date : 2017 8 4  
 Float : 5904515 - Cycle : 183 - PI : DEAN ROEMMICH - Data mode : R - Platform type : SOLO\_II - WMO inst type : 853 - FLOAT SERIAL : 8228 - Date : 2017 8 10  
 Float : 5904531 - Cycle : 132 - PI : DEAN ROEMMICH - Data mode : R - Platform type : SOLO\_II - WMO inst type : 853 - FLOAT SERIAL : 8247 - Date : 2017 8 1  
 Float : 5904548 - Cycle : 108 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : NAVIS\_A - WMO inst type : 863 - FLOAT SERIAL : 0258 - Date : 2017 8 22  
 Float : 5904552 - Cycle : 106 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : NAVIS\_A - WMO inst type : 863 - FLOAT SERIAL : 0321 - Date : 2017 8 29  
 Float : 5904568 - Cycle : 84 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : NAVIS\_A - WMO inst type : 863 - FLOAT SERIAL : 0434 - Date : 2017 8 2  
 Float : 5904577 - Cycle : 89 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : NAVIS\_A - WMO inst type : 863 - FLOAT SERIAL : 0448 - Date : 2017 8 20  
 Float : 5904587 - Cycle : 86 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : NAVIS\_A - WMO inst type : 863 - FLOAT SERIAL : 0458 - Date : 2017 8 27  
 Float : 5904656 - Cycle : 130 - PI : STEPHEN RISER - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 6431 - Date : 2017 8 6  
 Float : 5904656 - Cycle : 132 - PI : STEPHEN RISER - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 6431 - Date : 2017 8 17  
 Float : 5904686 - Cycle : 53 - PI : STEPHEN RISER - Data mode : A - Platform type : NAVIS\_A - WMO inst type : 863 - FLOAT SERIAL : 0510 - Date : 2017 7 31  
 Float : 5904718 - Cycle : 56 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : NAVIS\_A - WMO inst type : 863 - FLOAT SERIAL : 0503 - Date : 2017 7 31  
 Float : 5904718 - Cycle : 57 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : NAVIS\_A - WMO inst type : 863 - FLOAT SERIAL : 0503 - Date : 2017 8 10  
 Float : 5904718 - Cycle : 58 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : NAVIS\_A - WMO inst type : 863 - FLOAT SERIAL : 0503 - Date : 2017 8 20  
 Float : 5904732 - Cycle : 58 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : NAVIS\_A - WMO inst type : 863 - FLOAT SERIAL : 0547 - Date : 2017 8 22  
 Float : 5904761 - Cycle : 44 - PI : STEPHEN RISER - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7289 - Date : 2017 8 3  
 Float : 5904781 - Cycle : 33 - PI : STEPHEN RISER - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7662 - Date : 2017 7 27  
 Float : 5904829 - Cycle : 28 - PI : STEPHEN RISER - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7678 - Date : 2017 8 6  
 Float : 5904838 - Cycle : 112 - PI : STEPHEN RISER - Data mode : A - Platform type : APEX\_D - WMO inst type : 846 - FLOAT SERIAL : 0010 - Date : 2017 7 30  
 Float : 5904838 - Cycle : 113 - PI : STEPHEN RISER - Data mode : A - Platform type : APEX\_D - WMO inst type : 846 - FLOAT SERIAL : 0010 - Date : 2017 8 4  
 Float : 5904838 - Cycle : 117 - PI : STEPHEN RISER - Data mode : A - Platform type : APEX\_D - WMO inst type : 846 - FLOAT SERIAL : 0010 - Date : 2017 8 24  
 Float : 5904839 - Cycle : 79 - PI : STEPHEN RISER - Data mode : A - Platform type : APEX\_D - WMO inst type : 846 - FLOAT SERIAL : 0016 - Date : 2017 8 10  
 Float : 5904839 - Cycle : 81 - PI : STEPHEN RISER - Data mode : A - Platform type : APEX\_D - WMO inst type : 846 - FLOAT SERIAL : 0016 - Date : 2017 8 19  
 Float : 5904941 - Cycle : 18 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : NAVIS\_A - WMO inst type : 863 - FLOAT SERIAL : 0755 - Date : 2017 8 15  
 Float : 5905287 - Cycle : 3 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : NAVIS\_A - WMO inst type : 863 - FLOAT SERIAL : 0789 - Date : 2017 7 20  
 Float : 5905288 - Cycle : 2 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : NAVIS\_A - WMO inst type : 863 - FLOAT SERIAL : 0790 - Date : 2017 7 12  
 Float : 6900382 - Cycle : 171 - PI : CARL SZCZECHOWSKI - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 6882 - Date : 2017 7 30  
 Float : 6900382 - Cycle : 172 - PI : CARL SZCZECHOWSKI - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 6882 - Date : 2017 8 3  
 Float : 6900382 - Cycle : 173 - PI : CARL SZCZECHOWSKI - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 6882 - Date : 2017 8 7  
 Float : 6900382 - Cycle : 174 - PI : CARL SZCZECHOWSKI - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 6882 - Date : 2017 8 11  
 Float : 6900382 - Cycle : 175 - PI : CARL SZCZECHOWSKI - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 6882 - Date : 2017 8 15  
 Float : 6900382 - Cycle : 176 - PI : CARL SZCZECHOWSKI - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 6882 - Date : 2017 8 19  
 Float : 6900382 - Cycle : 177 - PI : CARL SZCZECHOWSKI - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 6882 - Date : 2017 8 23  
 Float : 6900382 - Cycle : 178 - PI : CARL SZCZECHOWSKI - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 6882 - Date : 2017 8 27

**Warning Objective Analysis Anomalies 2017 August TEMP PSAL - DAC AO**





AO,1901601,171,07/08/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53238306 ,PSAL,1.08,5.04,1,3  
AO,1901601,171,07/08/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53238306 ,PSAL,18,379.96,1,4  
AO,1901601,171,07/08/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53238307 ,PSAL,68,1010.28,1,3  
AO,1901601,171,17/08/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53238307 ,PSAL,68,1010.28,1,4  
AO,1901601,171,28/07/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53238306 ,PSAL,1.08,5.04,1,4  
AO,1901601,171,28/07/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53238306 ,PSAL,18,382,1,4  
AO,1901601,171,28/07/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53238307 ,PSAL,68,1010.28,1,3  
AO,1901654,142,02/08/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53309842 ,PSAL,5,1750,1,3  
AO,1901654,143,12/08/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53395457 ,PSAL,5,1750,1,3  
AO,1901654,144,22/08/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53479594 ,PSAL,5,1750,1,3  
AO,1901689,149,26/08/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53524191 ,PSAL,84,1008.12,1,3  
AO,1901715,118,13/08/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53403388 ,PSAL,76,1029.12,1,3  
AO,1901715,118,23/08/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53403388 ,PSAL,76,1029.12,1,3  
AO,1901715,119,23/08/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53500744 ,PSAL,8,977.08,1,3  
AO,1901717,117,07/08/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53352399 ,PSAL,84,1024.68,1,3  
AO,1901717,117,17/08/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53352399 ,PSAL,84,1024.68,1,3  
AO,1901806,76,29/08/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53550875 ,PSAL,133.96,133.96,1,4  
AO,1901806,76,29/08/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53550875 ,PSAL,144.12,144.12,1,4  
AO,1901806,76,29/08/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53550875 ,PSAL,153.96,156,1,4  
AO,1901806,76,29/08/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53550875 ,PSAL,180.04,187.96,1,4  
AO,1901806,76,29/08/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53550875 ,PSAL,53.96,53.96,1,4  
AO,1901806,76,29/08/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53550875 ,PSAL,89.92,91.92,1,4  
AO,1901807,72,29/07/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53049298 ,PSAL,356,386.12,1,4  
AO,1902067,27,29/08/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53548934 ,PSAL,48,2012.32,1,3  
AO,2901466,307,09/08/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53355820 ,PSAL,1199.9,1199.9,1,4  
AO,2901466,307,09/08/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53355820 ,PSAL\_ADJUSTED,1199.9,1199.9,1,4  
AO,2901466,309,17/08/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53432178 ,PSAL,62.9,62.9,1,4  
AO,2901466,309,17/08/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53432178 ,PSAL\_ADJUSTED,62.9,62.9,1,4  
AO,2901466,310,21/08/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53473110 ,PSAL,68.3,68.3,1,4  
AO,2901466,310,21/08/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53473110 ,PSAL\_ADJUSTED,68.3,68.3,1,4  
AO,2902400,134,18/08/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53449091 ,PSAL,162,186,1,4  
AO,2902400,134,18/08/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53449091 ,PSAL\_ADJUSTED,162,186,1,4  
AO,2902402,124,29/07/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53241577 ,PSAL,2.9,845,1,3  
AO,2902402,124,29/07/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53241577 ,PSAL\_ADJUSTED,2.9,845,1,3  
AO,2902402,125,02/08/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53310180 ,PSAL,2.9,829.7,1,3  
AO,2902402,125,02/08/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53310180 ,PSAL\_ADJUSTED,2.9,829.7,1,3  
AO,2902402,126,06/08/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53346384 ,PSAL,2.6,44,1,3  
AO,2902402,126,06/08/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53346384 ,PSAL,50,796.2,1,4  
AO,2902402,126,06/08/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53346384 ,PSAL\_ADJUSTED,2.6,44,1,3  
AO,2902402,126,06/08/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53346384 ,PSAL\_ADJUSTED,50,796.2,1,4  
AO,2902402,128,13/08/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53403637 ,PSAL,384,874.1,1,3  
AO,2902402,128,13/08/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53403637 ,PSAL,4.4,378,1,3  
AO,2902402,128,13/08/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53403637 ,PSAL\_ADJUSTED,384,874.1,1,3  
AO,2902402,128,13/08/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53403637 ,PSAL\_ADJUSTED,4.4,378,1,3  
AO,2902402,129,16/08/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53432000 ,PSAL,4.3,889.7,1,3  
AO,2902402,129,16/08/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53432000 ,PSAL\_ADJUSTED,4.3,889.7,1,3  
AO,2902402,130,20/08/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53472976 ,PSAL,4,856.1,1,3  
AO,2902402,130,20/08/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53472976 ,PSAL\_ADJUSTED,4,856.1,1,3  
AO,2902402,131,24/08/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53504792 ,PSAL,4,930.3,1,3  
AO,2902402,131,24/08/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53504792 ,PSAL\_ADJUSTED,5.9,930.3,1,3  
AO,2902404,79,06/08/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53346385 ,PSAL,1097.91,1097.91,1,3  
AO,2902404,79,06/08/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53346385 ,PSAL\_ADJUSTED,1097.91,1097.91,1,3  
AO,2902404,79,06/08/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53346385 ,TEMP,1097.91,1097.91,1,3  
AO,2902404,79,06/08/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53346385 ,TEMP\_ADJUSTED,1097.91,1097.91,1,3  
AO,3900770,214,20/08/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53472978 ,PSAL,184,212,1,4  
AO,3900770,214,20/08/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53472978 ,PSAL,286,290,1,4  
AO,3900770,214,20/08/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53472978 ,PSAL,314,322,1,4  
AO,3901123,183,04/08/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53326055 ,PSAL,6,6,1,4  
AO,3901123,183,14/08/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53326055 ,PSAL,10.72,10.72,1,4  
AO,3901123,183,14/08/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53326055 ,PSAL,3,3,1,4  
AO,3901123,183,14/08/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53326055 ,PSAL,6,8,1,4  
AO,3901155,148,08/08/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53355342 ,PSAL,17.9,20,1,4  
AO,3901155,148,08/08/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53355342 ,PSAL\_ADJUSTED,17.9,20,1,4  
AO,3901184,125,18/08/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53453924 ,PSAL,2.9,2001.9,1,3  
AO,3901184,125,18/08/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53453924 ,PSAL\_ADJUSTED,2.9,2001.9,1,3  
AO,3901184,126,28/08/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53545806 ,PSAL,4.2,1983.1,1,3  
AO,3901184,126,28/08/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53545806 ,PSAL\_ADJUSTED,4.2,1983.1,1,3  
AO,3901199,74,20/06/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=52870529 ,PSAL\_ADJUSTED,2.8,1981.6,1,3  
AO,3901199,75,30/06/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=52985908 ,PSAL\_ADJUSTED,2.9,2006.2,1,3  
AO,3901199,76,10/07/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53016781 ,PSAL\_ADJUSTED,4.1,1997.7,1,3  
AO,3901199,77,20/07/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53054639 ,PSAL\_ADJUSTED,4.3,2003.6,1,3  
AO,3901199,78,30/07/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53244400 ,PSAL\_ADJUSTED,4.1,2000.5,1,3  
AO,3901199,79,09/08/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53359109 ,PSAL\_ADJUSTED,4.3,1976.1,1,3  
AO,3901199,80,19/08/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53457059 ,PSAL\_ADJUSTED,2.9,2001.7,1,3  
AO,3901199,81,29/08/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53550518 ,PSAL\_ADJUSTED,4.4,1970.1,1,3  
AO,3901211,86,24/08/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53506657 ,PSAL,1.12,11.72,1,3  
AO,3901211,86,24/08/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53506658 ,PSAL,8,8,1,3  
AO,3901263,102,29/07/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53070733 ,PSAL,1.08,1196.04,1,3

























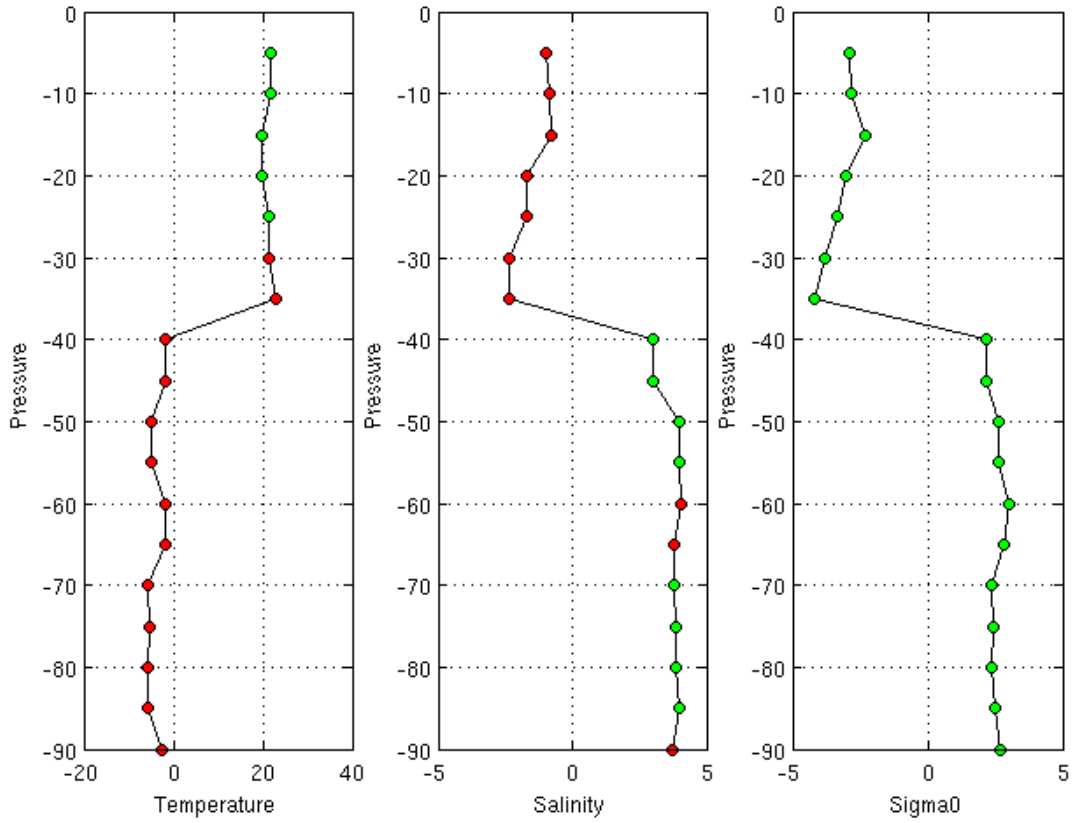


AO,5904941,18,16/08/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53412460 ,PSAL,178,182,1,4  
AO,5904941,18,16/08/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53412460 ,PSAL,234,240,1,4  
AO,5904941,18,16/08/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53412460 ,PSAL,278,294,1,4  
AO,5904941,18,16/08/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53412460 ,PSAL,332,358,1,4  
AO,5904941,18,16/08/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53412460 ,PSAL,372,378,1,4  
AO,5904941,18,16/08/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53412460 ,PSAL\_ADJUSTED,116,122,1,4  
AO,5904941,18,16/08/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53412460 ,PSAL\_ADJUSTED,144,150,1,4  
AO,5904941,18,16/08/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53412460 ,PSAL\_ADJUSTED,234,242,1,4  
AO,5904941,18,16/08/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53412460 ,PSAL\_ADJUSTED,278,294,1,4  
AO,5904941,18,16/08/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53412460 ,PSAL\_ADJUSTED,332,358,1,4  
AO,5904941,18,16/08/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53412460 ,PSAL\_ADJUSTED,372,378,1,4  
AO,5905287,3,02/08/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53310306 ,PSAL,860,868,1,4  
AO,5905287,3,02/08/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53310306 ,PSAL\_ADJUSTED,860,868,1,4  
AO,5905288,2,02/08/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53310309 ,PSAL,18,44,1,3  
AO,5905288,2,02/08/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53310309 ,PSAL,52,58,1,4  
AO,5905288,2,02/08/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53310309 ,PSAL\_ADJUSTED,18,44,1,3  
AO,5905288,2,02/08/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53310309 ,PSAL\_ADJUSTED,52,58,1,4  
AO,6900382,171,01/08/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53244475 ,PSAL,4.7,1099.6,1,3  
AO,6900382,171,01/08/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53244475 ,PSAL\_ADJUSTED,4.7,1099.6,1,3  
AO,6900382,172,04/08/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53313065 ,PSAL,4.6,1100.3,1,3  
AO,6900382,172,04/08/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53313065 ,PSAL\_ADJUSTED,4.6,1100.3,1,3  
AO,6900382,173,07/08/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53352266 ,PSAL,4.4,1100.4,1,3  
AO,6900382,173,07/08/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53352266 ,PSAL\_ADJUSTED,4.4,1100.4,1,3  
AO,6900382,174,11/08/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53393640 ,PSAL,5.1,1099.7,1,3  
AO,6900382,174,11/08/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53393640 ,PSAL\_ADJUSTED,5.1,1099.7,1,3  
AO,6900382,175,16/08/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53409601 ,PSAL,4.3,1100,1,3  
AO,6900382,175,16/08/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53409601 ,PSAL\_ADJUSTED,4.3,1100,1,3  
AO,6900382,176,19/08/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53457124 ,PSAL,4.8,74.8,1,3  
AO,6900382,176,19/08/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53457124 ,PSAL,89.7,1198.2,1,3  
AO,6900382,176,19/08/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53457124 ,PSAL\_ADJUSTED,4.8,74.8,1,3  
AO,6900382,176,19/08/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53457124 ,PSAL\_ADJUSTED,89.7,1198.2,1,3  
AO,6900382,177,23/08/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53501734 ,PSAL,4,60.1,1,3  
AO,6900382,177,23/08/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53501734 ,PSAL,75.3,1099.9,1,3  
AO,6900382,177,23/08/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53501734 ,PSAL\_ADJUSTED,4,60.1,1,3  
AO,6900382,177,23/08/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53501734 ,PSAL\_ADJUSTED,75.3,1099.9,1,3  
AO,6900382,178,27/08/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53542735 ,PSAL,4.8,1100.3,1,3  
AO,6900382,178,27/08/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53542735 ,PSAL\_ADJUSTED,4.8,1100.3,1,3

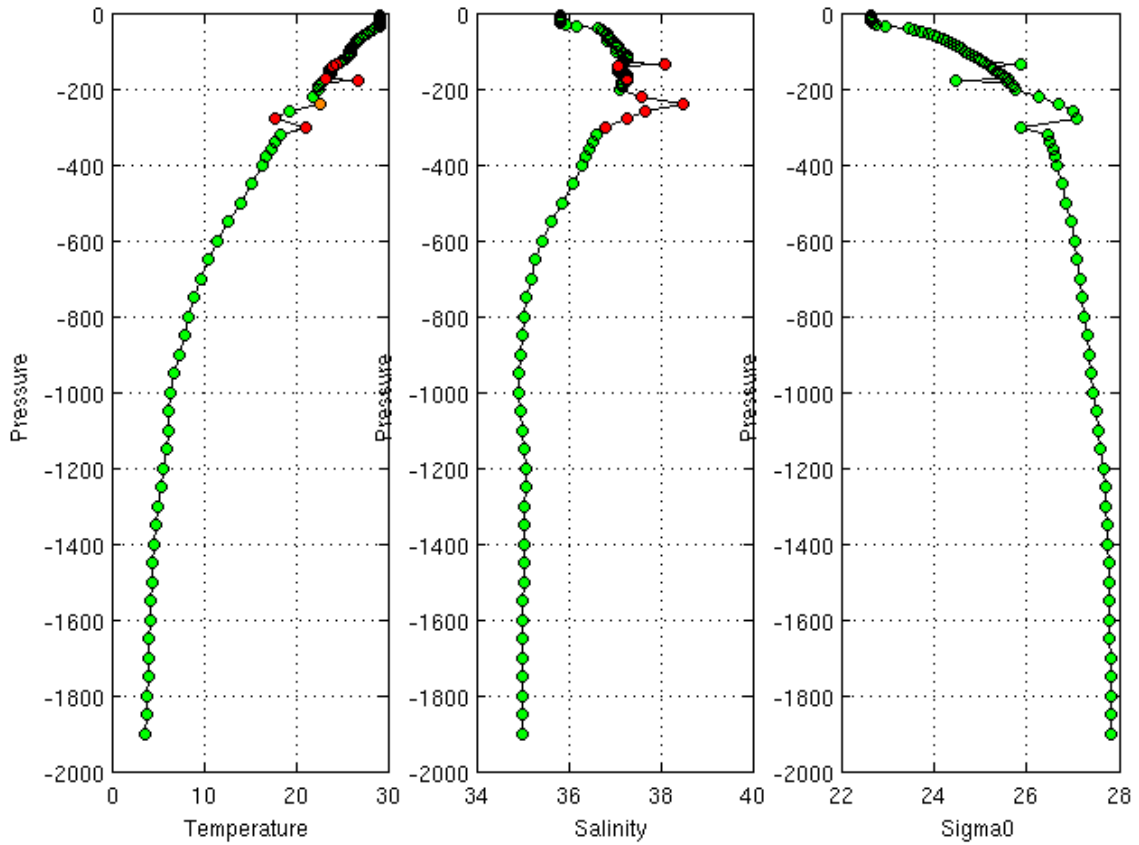
**APEX to put on the grey list:**

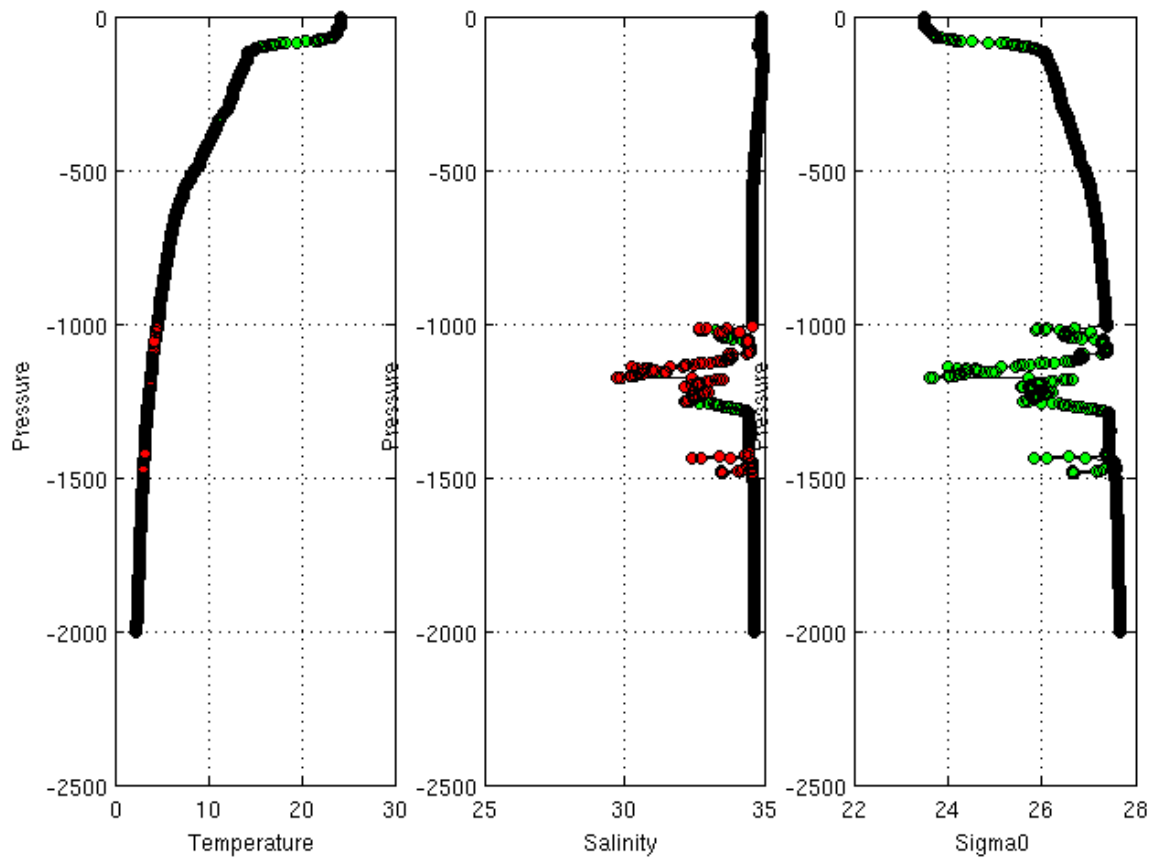
Example of corrections:

Warning Objective Analysis Anomalies 2017 August TEMP PSAL : DAC AO- Float 4901217-246



Warning Objective Analysis Anomalies 2017 August TEMP PSAL : DAC AO- Float 4901454-168





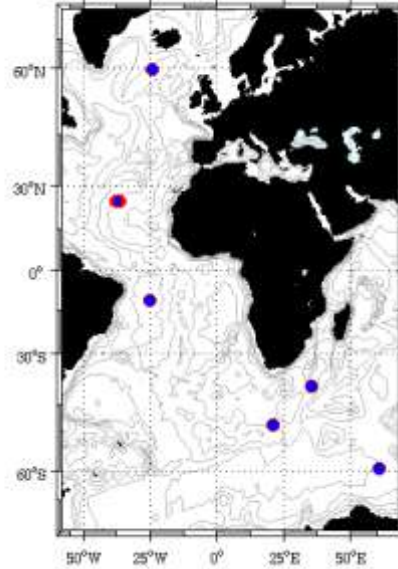


## 2. DAC BODC

Profiles detected by the objective analysis: 11 profiles (6 floats – float can have several cycles with anomalies)

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

Warning Objective Analysis Anomalies 2017 August



**Status of corrections:** Correction done for some profiles, some feedback, still profiles to correct.

Float : 1901277 - Cycle : 210 - PI : Jon Turton - Data mode : A - INST REF : APEX-SBE 4901 - Date : 2017 8 23

Float : 1901300 - Cycle : 162 - PI : Jon Turton - Data mode : A - INST REF : APEX-SBE 5590 - Date : 2017 8 17

Float : 3900559 - Cycle : 139 - PI : Jon Turton - Data mode : A - Platform type : NAVIS\_A - WMO inst type : 863 - FLOAT SERIAL : 0252 - Date : 2017 8 5

Float : 3901510 - Cycle : 93 - PI : Jon Turton - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7022 - Date : 2017 8 11

Float : 6901119 - Cycle : 210 - PI : Jon Turton - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 3908 - Date : 2017 6 21

Float : 6901119 - Cycle : 211 - PI : Jon Turton - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 3908 - Date : 2017 7 1

Float : 6901119 - Cycle : 212 - PI : Jon Turton - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 3908 - Date : 2017 7 11

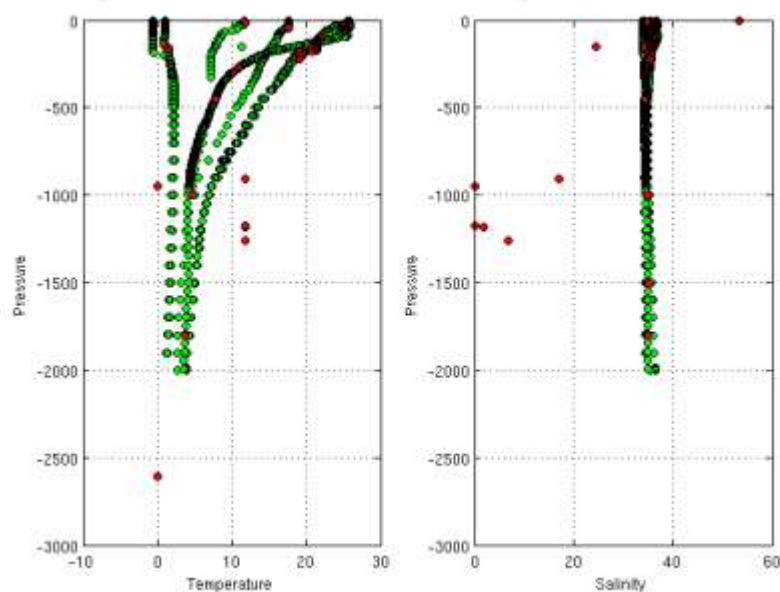
Float : 6901119 - Cycle : 213 - PI : Jon Turton - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 3908 - Date : 2017 7 21

Float : 6901119 - Cycle : 214 - PI : Jon Turton - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 3908 - Date : 2017 7 31

Float : 6901119 - Cycle : 216 - PI : Jon Turton - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 3908 - Date : 2017 8 20

Float : 6901170 - Cycle : 114 - PI : Jon Turton - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7011 - Date : 2017 8 9

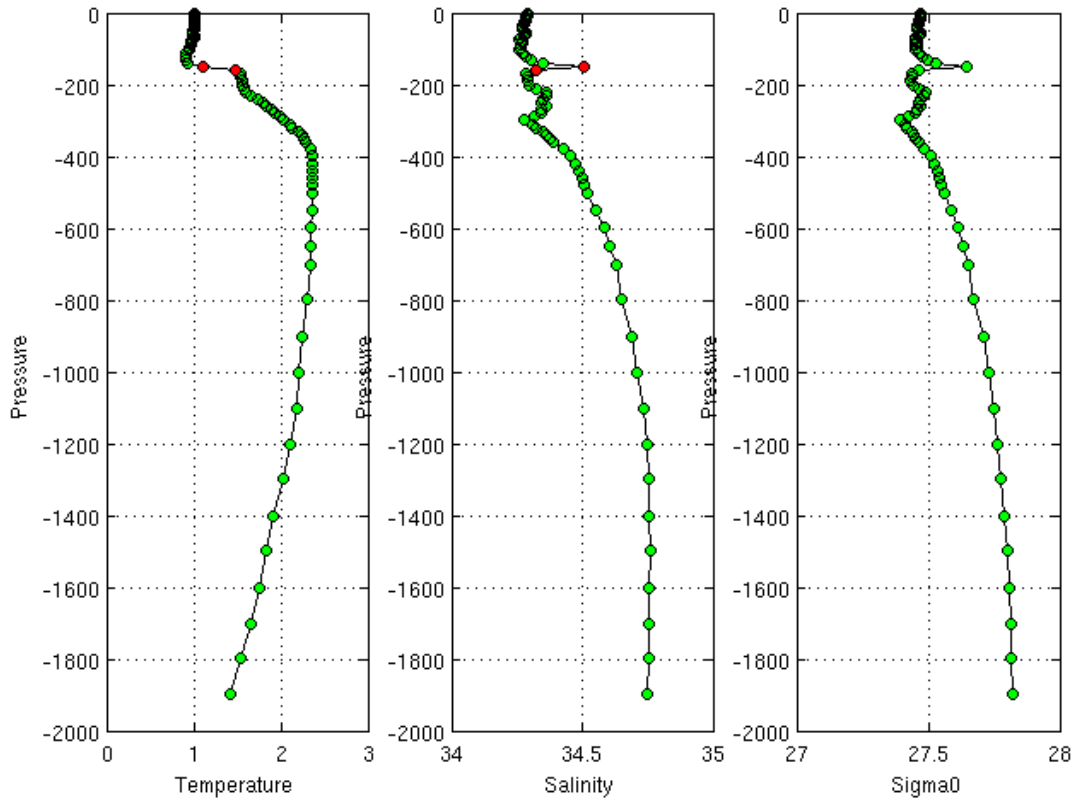
Warning Objective Analysis Anomalies 2017 August TEMP PSAL - DAC BO



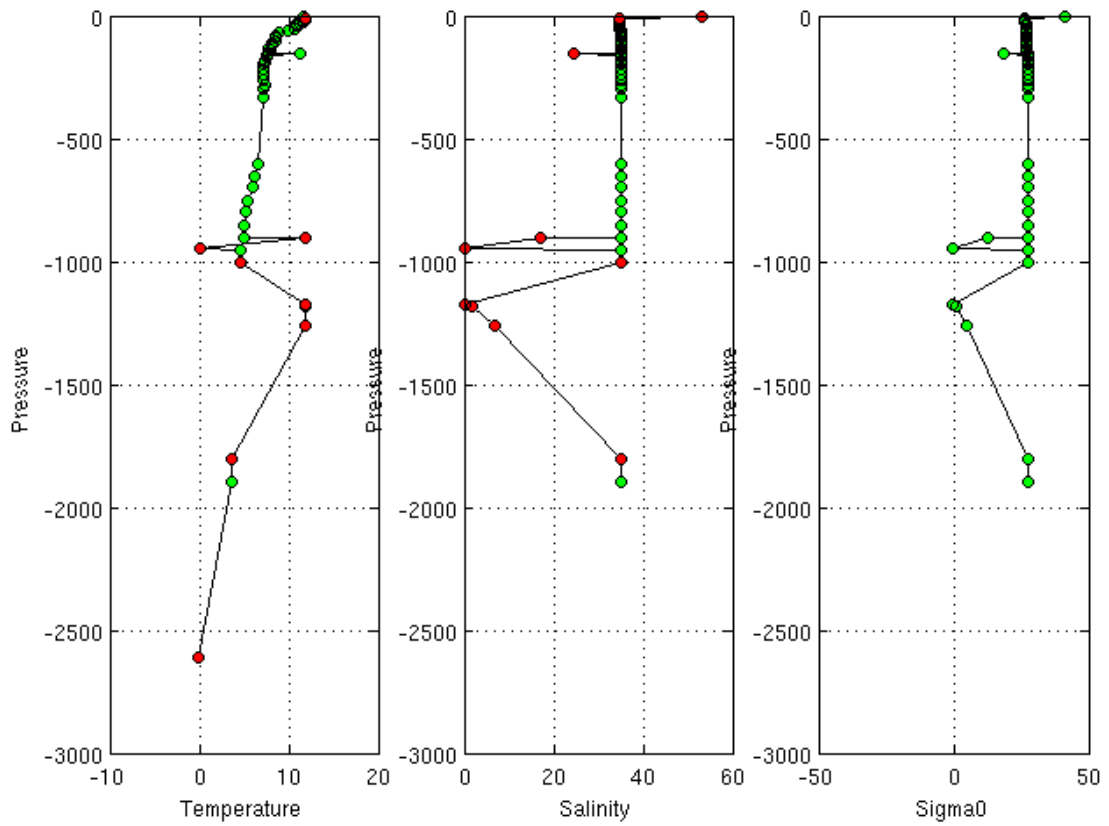
DAC\_CODE,PLATFORM\_CODE,CV\_NUMBER,DATE\_UPDATE,DIRECTION,WEB\_URL,PARAMETER,START\_IMMERSION,STOP\_IMMERSION,OLD\_QC,NEW\_QC  
BO,1901277,210,23/08/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53501549 ,PSAL,4.5,1899.7,1,3  
BO,1901277,210,23/08/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53501549 ,PSAL\_ADJUSTED,4.5,1899.7,1,3  
BO,1901277,210,23/08/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53501549 ,TEMP,4.5,1899.7,1,3  
BO,1901277,210,23/08/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53501549 ,TEMP\_ADJUSTED,4.5,1899.7,1,3  
BO,1901300,162,18/08/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53449050 ,PSAL,120.1,120.1,1,4  
BO,1901300,162,18/08/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53449050 ,PSAL,2000.3,2000.3,1,4  
BO,1901300,162,18/08/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53449050 ,PSAL,259.8,259.8,1,4  
BO,1901300,162,18/08/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53449050 ,PSAL,439.6,439.6,1,4  
BO,1901300,162,18/08/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53449050 ,PSAL,480.4,480.4,1,4  
BO,1901300,162,18/08/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53449050 ,PSAL\_ADJUSTED,120.1,120.1,1,4  
BO,1901300,162,18/08/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53449050 ,PSAL\_ADJUSTED,2000.3,2000.3,1,4  
BO,1901300,162,18/08/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53449050 ,PSAL\_ADJUSTED,259.8,259.8,1,4  
BO,1901300,162,18/08/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53449050 ,PSAL\_ADJUSTED,439.6,439.6,1,4  
BO,1901300,162,18/08/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53449050 ,PSAL\_ADJUSTED,480.4,480.4,1,4  
BO,3900559,139,08/08/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53355611 ,PSAL,292,294,1,4  
BO,3900559,139,08/08/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53355611 ,PSAL,300,414,1,3  
BO,3900559,139,08/08/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53355611 ,PSAL,440,448,1,3  
BO,3900559,139,08/08/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53355611 ,PSAL,456,832,1,3  
BO,3900559,139,08/08/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53355611 ,PSAL\_ADJUSTED,292,294,1,4  
BO,3900559,139,08/08/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53355611 ,PSAL\_ADJUSTED,300,422,1,3  
BO,3900559,139,08/08/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53355611 ,PSAL\_ADJUSTED,442.1,448,1,3  
BO,3900559,139,08/08/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53355611 ,PSAL\_ADJUSTED,456,828,1,3  
BO,3901510,93,11/08/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53393487 ,PSAL,169.9,289.7,1,3  
BO,3901510,93,11/08/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53393487 ,PSAL,4.3,139.1,1,3  
BO,3901510,93,11/08/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53393487 ,PSAL\_ADJUSTED,169.9,289.7,1,3  
BO,3901510,93,11/08/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53393487 ,PSAL\_ADJUSTED,4.3,139.1,1,3  
BO,6901119,210,21/06/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=52892298 ,PSAL,110.3,169.9,1,4  
BO,6901119,210,21/06/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=52892298 ,PSAL,199.8,1996.5,1,4  
BO,6901119,210,21/06/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=52892298 ,PSAL,23.8,80.2,1,4  
BO,6901119,211,01/07/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=52989074 ,PSAL,140.5,159.6,1,4  
BO,6901119,211,01/07/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=52989074 ,PSAL,1600.2,2000.7,1,4  
BO,6901119,211,01/07/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=52989074 ,PSAL,170.7,1400.4,1,4  
BO,6901119,211,01/07/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=52989074 ,PSAL,35.3,100.4,1,4  
BO,6901119,211,01/07/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=52989074 ,PSAL\_ADJUSTED,140.5,150.3,1,4  
BO,6901119,212,11/07/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53019905 ,PSAL,160,2001.9,1,4  
BO,6901119,212,11/07/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53019905 ,PSAL,40.3,130.2,1,4  
BO,6901119,213,21/07/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53059477 ,PSAL,190.3,200.3,1,4  
BO,6901119,213,21/07/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53059477 ,PSAL,220,2002,1,4  
BO,6901119,213,21/07/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53059477 ,PSAL,60.4,90.5,1,4  
BO,6901119,213,21/07/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53059477 ,PSAL,99.8,119.7,1,4  
BO,6901119,213,21/07/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53059477 ,PSAL\_ADJUSTED,190.3,200.3,1,4  
BO,6901119,213,21/07/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53059477 ,PSAL\_ADJUSTED,99.8,119.7,1,4  
BO,6901119,214,31/07/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53287376 ,PSAL,80.5,1988.4,1,4  
BO,6901119,214,31/07/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53287376 ,PSAL\_ADJUSTED,80.5,1988.4,1,4  
BO,6901119,216,20/08/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53472887 ,PSAL,240.6,2000.9,1,4  
BO,6901119,216,20/08/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53472887 ,PSAL,50.3,189.5,1,4  
BO,6901119,216,20/08/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53472887 ,PSAL\_ADJUSTED,240.6,2000.9,1,4  
BO,6901119,216,20/08/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53472887 ,PSAL\_ADJUSTED,50.3,189.5,1,4  
BO,6901170,114,11/08/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53393717 ,PSAL,1899.4,1899.4,1,4  
BO,6901170,114,11/08/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53393717 ,PSAL,950.2,950.2,1,4  
BO,6901170,114,11/08/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53393717 ,TEMP,1179.2,1179.2,1,4  
BO,6901170,114,11/08/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53393717 ,TEMP,153.9,153.9,1,4  
BO,6901170,114,11/08/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53393717 ,TEMP,1899.4,1899.4,1,4  
BO,6901170,114,11/08/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53393717 ,TEMP,950.2,950.2,1,4

Example of corrections:

Warning Objective Analysis Anomalies 2017 August TEMP PSAL : DAC BO- Float 3901510-93



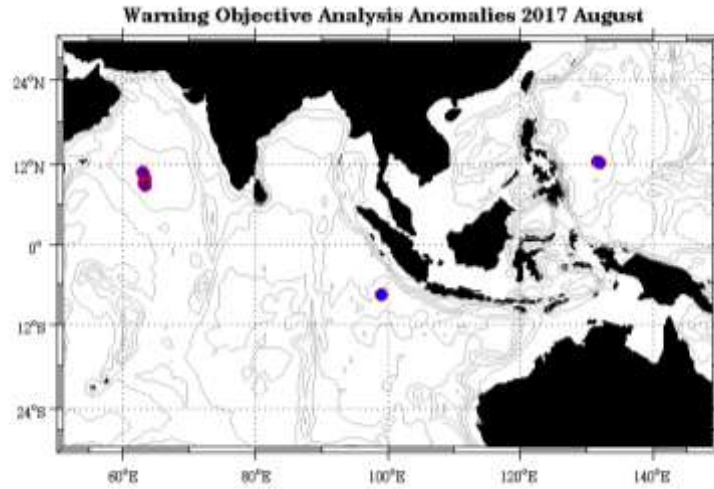
Warning Objective Analysis Anomalies 2017 August TEMP PSAL : DAC BO- Float 6901170-114



### 3. DAC CSIO

Profiles detected by the objective analysis: 9 profiles (4 floats – float can have several cycles with anomalies)

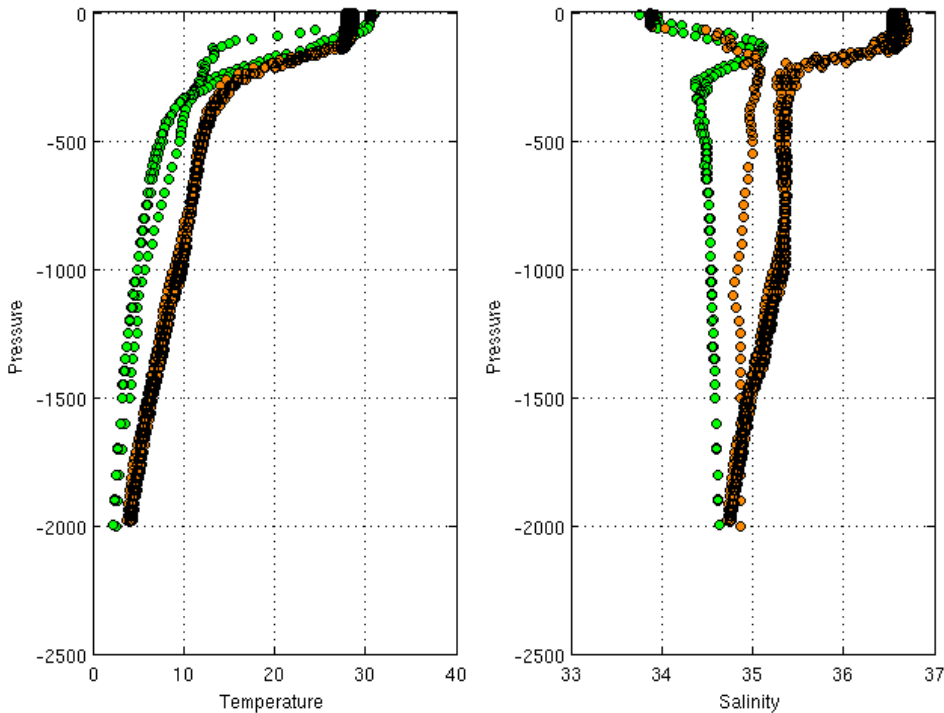
Data_mode ='R'	Data_mode ='A'	Data_mode ='D'
0 cycle	9cycles	0 cycle



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

- Float : 2901545 - Cycle : 133 - PI : JIANPING XU - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 6570 - Date : 2017 8 16
- Float : 2901545 - Cycle : 134 - PI : JIANPING XU - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 6570 - Date : 2017 8 26
- Float : 2902557 - Cycle : 130 - PI : ZENGHONG LIU - Data mode : A - Platform type : PROVOR - WMO inst type : 841 - FLOAT SERIAL : OIN-12-CH1-S31-3 - Date : 2017 8 8
- Float : 2902557 - Cycle : 131 - PI : ZENGHONG LIU - Data mode : A - Platform type : PROVOR - WMO inst type : 841 - FLOAT SERIAL : OIN-12-CH1-S31-3 - Date : 2017 8 18
- Float : 2902557 - Cycle : 132 - PI : ZENGHONG LIU - Data mode : A - Platform type : PROVOR - WMO inst type : 841 - FLOAT SERIAL : OIN-12-CH1-S31-3 - Date : 2017 8 28
- Float : 2902558 - Cycle : 131 - PI : ZENGHONG LIU - Data mode : A - Platform type : PROVOR - WMO inst type : 841 - FLOAT SERIAL : OIN-12-CH1-S31-4 - Date : 2017 8 1
- Float : 2902558 - Cycle : 132 - PI : ZENGHONG LIU - Data mode : A - Platform type : PROVOR - WMO inst type : 841 - FLOAT SERIAL : OIN-12-CH1-S31-4 - Date : 2017 8 11
- Float : 2902558 - Cycle : 133 - PI : ZENGHONG LIU - Data mode : A - Platform type : PROVOR - WMO inst type : 841 - FLOAT SERIAL : OIN-12-CH1-S31-4 - Date : 2017 8 21
- Float : 2902689 - Cycle : 36 - PI : Ju Chen - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7821 - Date : 2017 7 30

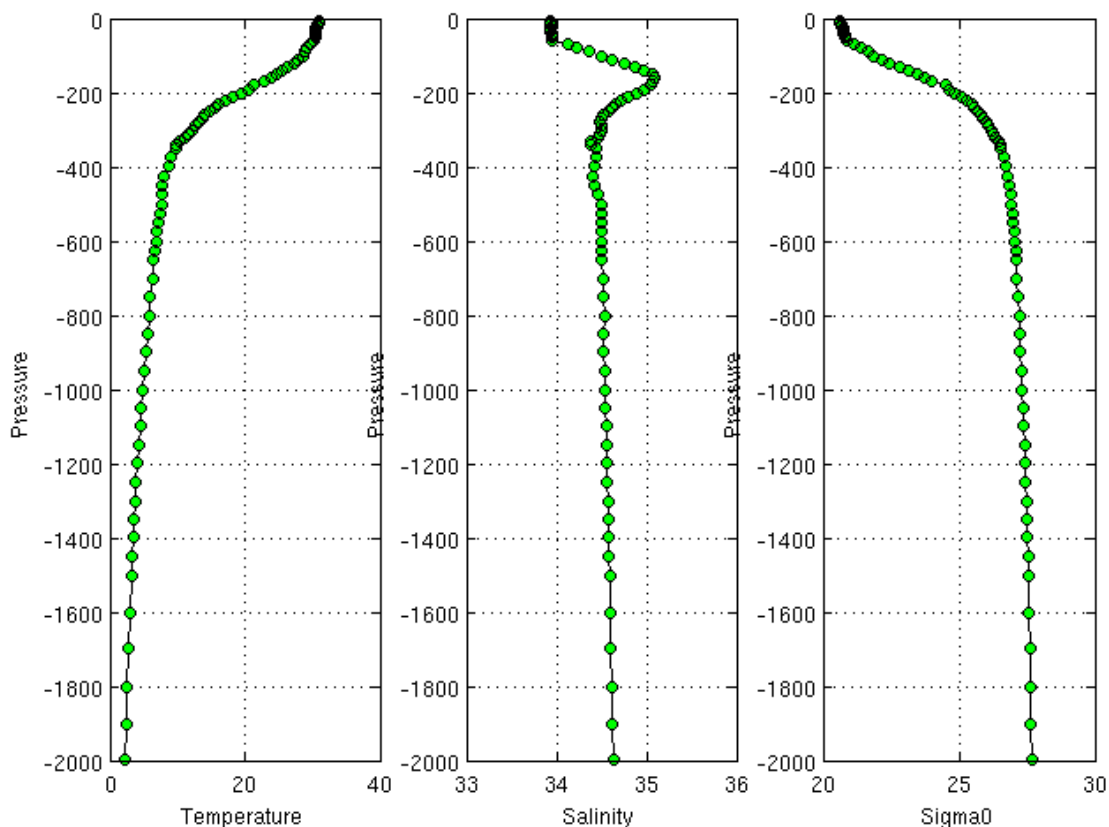
**Warning Objective Analysis Anomalies 2017 August TEMP PSAL - DAC HZ**

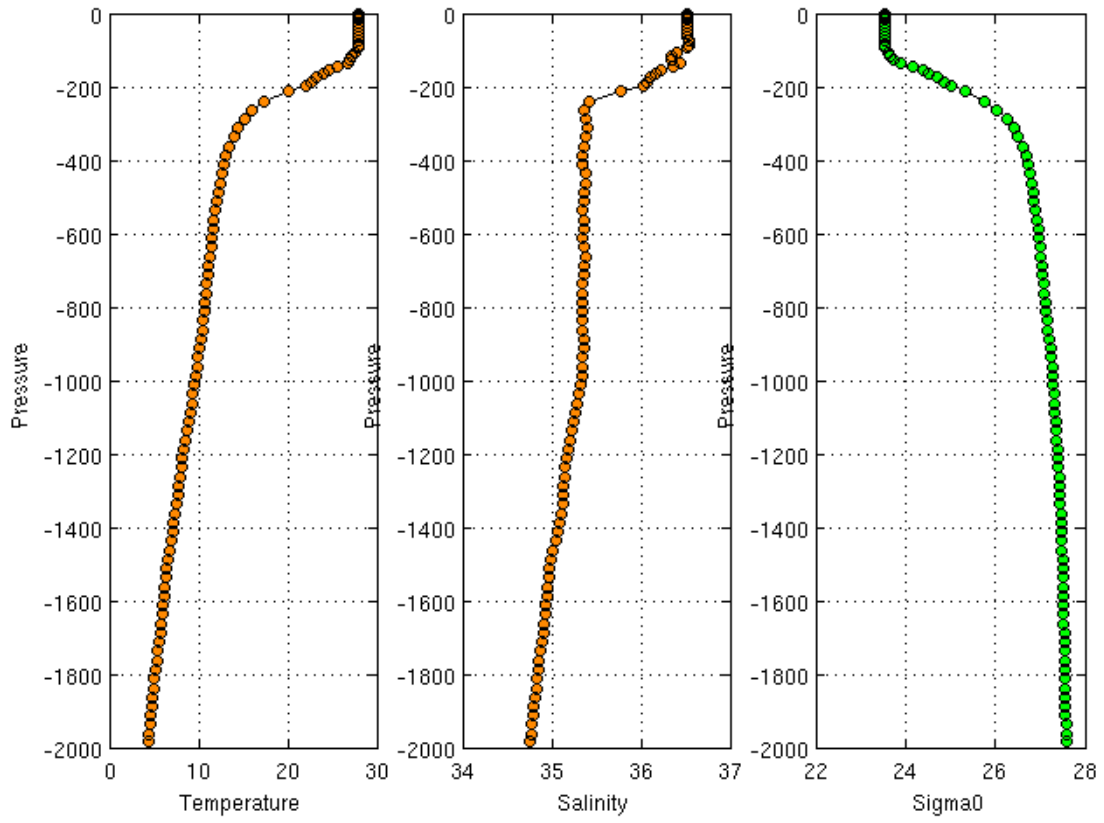


HZ,2901545,133,17/08/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53431960 ,TEMP,25.4,25.4,1,4  
 HZ,2901545,133,17/08/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53431960 ,TEMP\_ADJUSTED,25.4,25.4,1,4  
 HZ,2901545,134,27/08/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53539275 ,TEMP,25.4,25.4,1,4  
 HZ,2901545,134,27/08/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53539275 ,TEMP\_ADJUSTED,25.4,25.4,1,4  
 HZ,2902557,130,09/08/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53359014 ,TEMP,1,1980,1,3  
 HZ,2902557,130,09/08/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53359014 ,TEMP\_ADJUSTED,1,1980,1,3  
 HZ,2902557,131,19/08/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53469690 ,TEMP,1,1985,1,3  
 HZ,2902557,131,19/08/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53469690 ,TEMP\_ADJUSTED,1,1985,1,3  
 HZ,2902557,132,29/08/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53550693 ,TEMP,1,1980,1,3  
 HZ,2902557,132,29/08/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53550693 ,TEMP\_ADJUSTED,1,1980,1,3  
 HZ,2902558,131,02/08/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53310135 ,PSAL,1,1981,1,3  
 HZ,2902558,131,02/08/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53310135 ,PSAL\_ADJUSTED,1,1981,1,3  
 HZ,2902558,131,02/08/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53310135 ,TEMP,1,1981,1,3  
 HZ,2902558,131,02/08/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53310135 ,TEMP\_ADJUSTED,1,1981,1,3  
 HZ,2902558,132,12/08/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53400419 ,PSAL,15,1981,1,3  
 HZ,2902558,132,12/08/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53400419 ,PSAL\_ADJUSTED,1,1981,1,3  
 HZ,2902558,132,12/08/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53400419 ,TEMP,1,1981,1,3  
 HZ,2902558,132,12/08/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53400419 ,TEMP\_ADJUSTED,1,1981,1,3  
 HZ,2902558,133,22/08/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53497815 ,TEMP,1,1988,1,3  
 HZ,2902558,133,22/08/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53497815 ,TEMP\_ADJUSTED,1,1988,1,3  
 HZ,2902689,36,31/07/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53284132 ,PSAL,5.2,2001.1,1,3  
 HZ,2902689,36,31/07/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53284132 ,PSAL\_ADJUSTED,5.2,2001.1,1,3

Example of corrections:

### Warning Objective Analysis Anomalies 2017 August TEMP PSAL : DAC HZ- Float 2901545-133

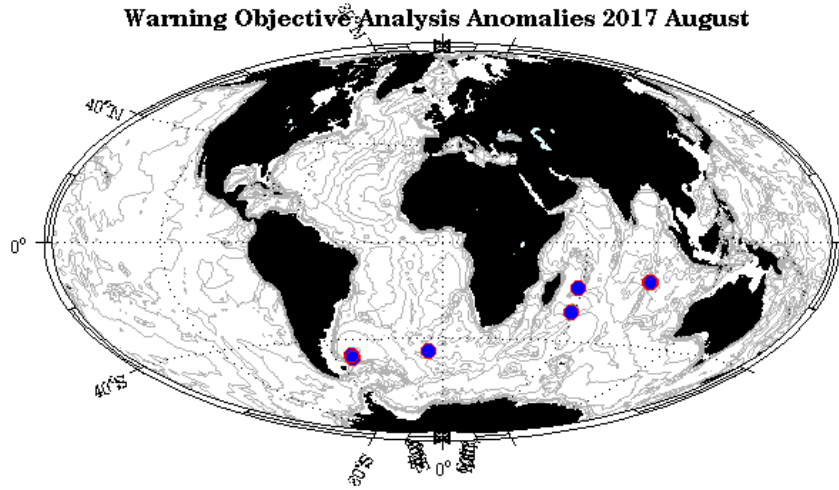




## 4. DAC CSIRO

Profiles detected by the objective analysis: 7 profiles (5 floats – float can have several cycles with anomalies)

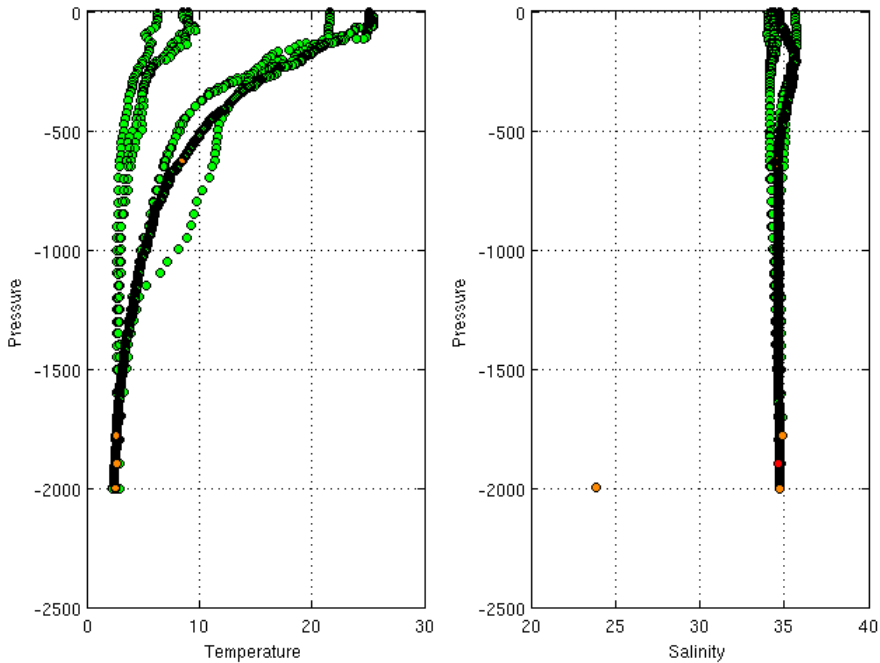
Data_mode ='R'	Data_mode ='A'	Data_mode ='D'
0 cycle	7cycles	0 cycle



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

Float : 1901737 - Cycle : 26 - PI : Susan Wijffels - Data mode : A - Platform type : NAVIS\_A - WMO inst type : 863 - FLOAT SERIAL : 701 - Date : 2017 7 28  
 Float : 5901671 - Cycle : 319 - PI : Susan Wijffels - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 3814 - Date : 2017 7 26  
 Float : 5903227 - Cycle : 283 - PI : Susan Wijffels - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 4723 - Date : 2017 8 27  
 Float : 5903252 - Cycle : 272 - PI : Susan Wijffels - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 4715 - Date : 2017 7 27  
 Float : 5903252 - Cycle : 273 - PI : Susan Wijffels - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 4715 - Date : 2017 8 6  
 Float : 5903914 - Cycle : 208 - PI : Susan Wijffels - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 5478 - Date : 2017 8 2  
 Float : 5903914 - Cycle : 209 - PI : Susan Wijffels - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 5478 - Date : 2017 8 12

**Warning Objective Analysis Anomalies 2017 August TEMP PSAL - DAC CS**

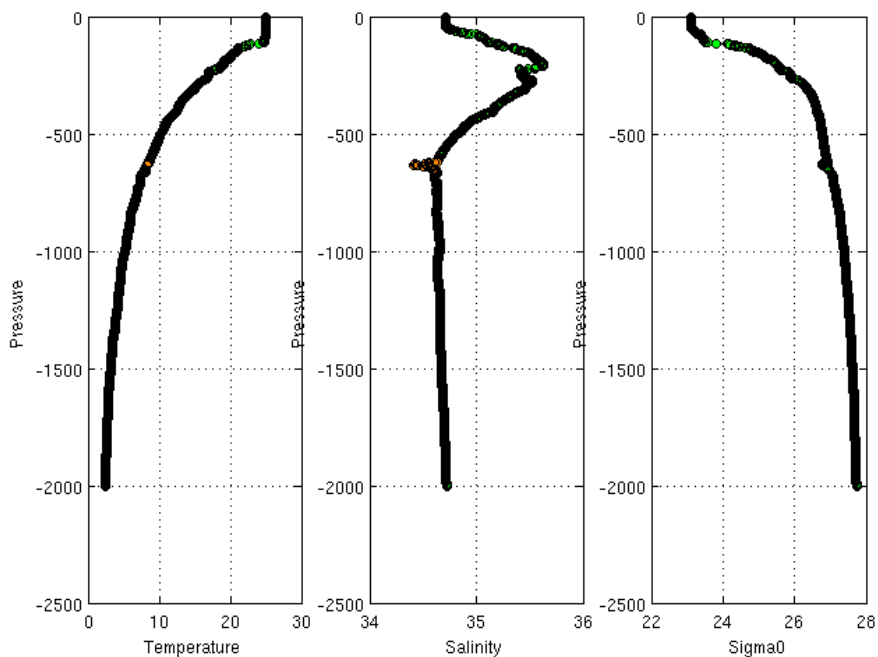


DAC\_CODE,PLATFORM\_CODE,CV\_NUMBER,DATE\_UPDATE,DIRECTION,WEB\_URL,PARAMETER,START\_IMMERSION,STOP\_IMMERSION,OLD\_QC,NEW\_QC  
 CS,1901737,26,28/07/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53238198 ,PSAL,634.1,650,1,3  
 CS,1901737,26,28/07/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53238198 ,PSAL\_ADJUSTED,634.1,652,1,3

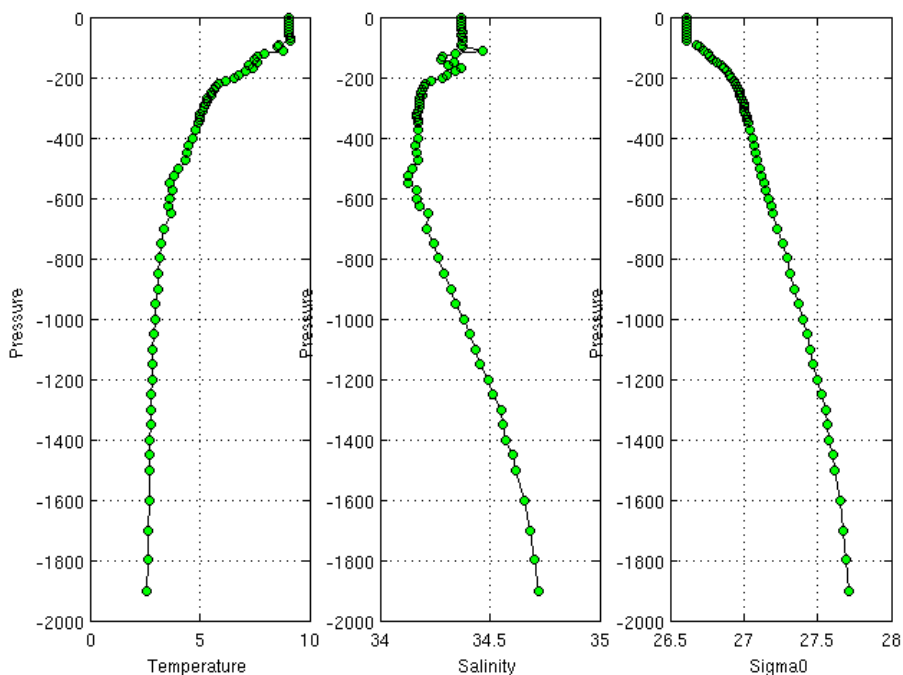
CS,5901671,319,25/08/2017 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=53077536> ,PSAL,1999.7,1999.7,3,4  
 CS,5901671,319,25/08/2017 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=53077536> ,PSAL\_ADJUSTED,1999.7,1999.7,3,4  
 CS,5901671,319,29/07/2017 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=53077536> ,PSAL,1999.7,1999.7,3,4  
 CS,5901671,319,29/07/2017 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=53077536> ,PSAL\_ADJUSTED,1999.7,1999.7,3,4  
 CS,5903227,283,28/08/2017 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=53545722> ,PSAL\_ADJUSTED,10.6,1899.9,1,3  
 CS,5903252,272,30/07/2017 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=53235473> ,PSAL\_ADJUSTED,4.4,2000.3,1,3  
 CS,5903252,273,07/08/2017 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=53352144> ,PSAL\_ADJUSTED,4,1900.3,1,3  
 CS,5903914,208,05/08/2017 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=53313118> ,PSAL,20.6,1700,1,3  
 CS,5903914,209,15/08/2017 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=53403514> ,PSAL,20.2,1700.4,1,3

Example of corrections:

Warning Objective Analysis Anomalies 2017 August TEMP PSAL : DAC CS- Float 1901737-26



Warning Objective Analysis Anomalies 2017 August TEMP PSAL : DAC CS- Float 5903252-273



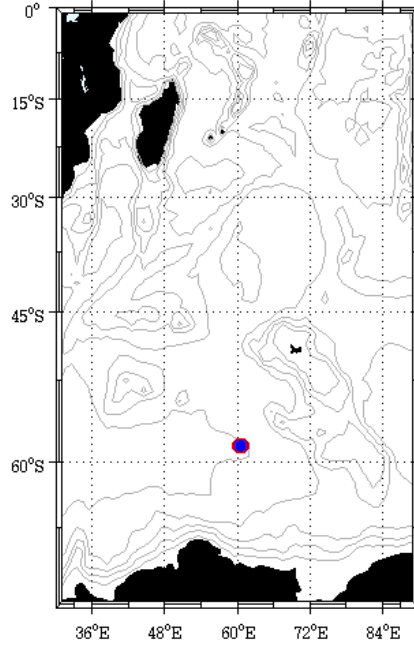


## 5. DAC INCOIS

Profiles detected by the objective analysis: 2 profiles (1 float – float can have several cycles with anomalies)

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

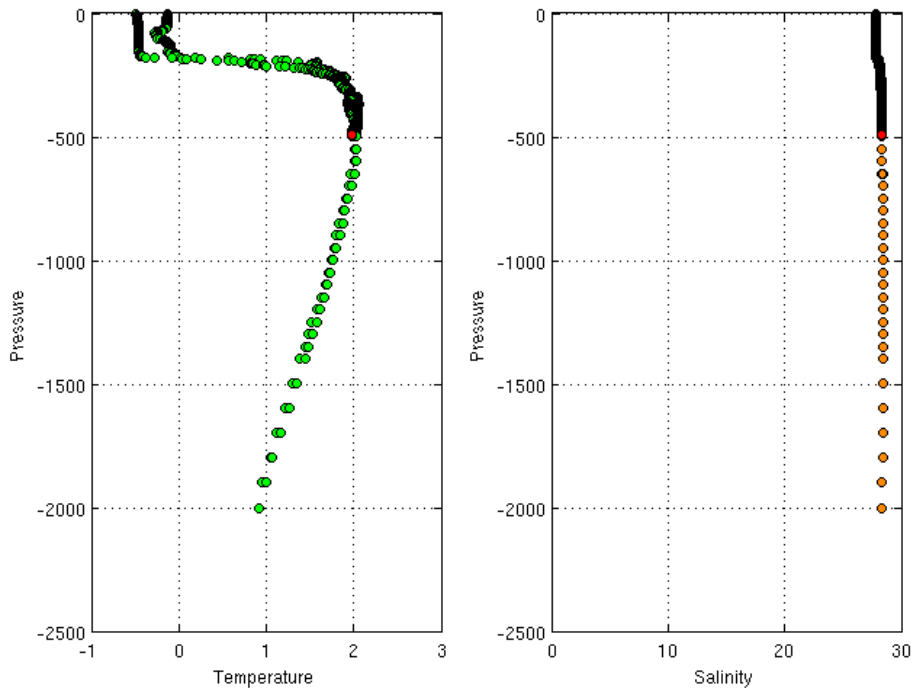
**Warning Objective Analysis Anomalies 2017 August**



**Status of corrections: Corrections done, no feedback**

Float : 2902164 - Cycle : 95 - PI : M Ravichandran - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7093 - Date : 2017 8 2  
 Float : 2902164 - Cycle : 96 - PI : M Ravichandran - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7093 - Date : 2017 8 12

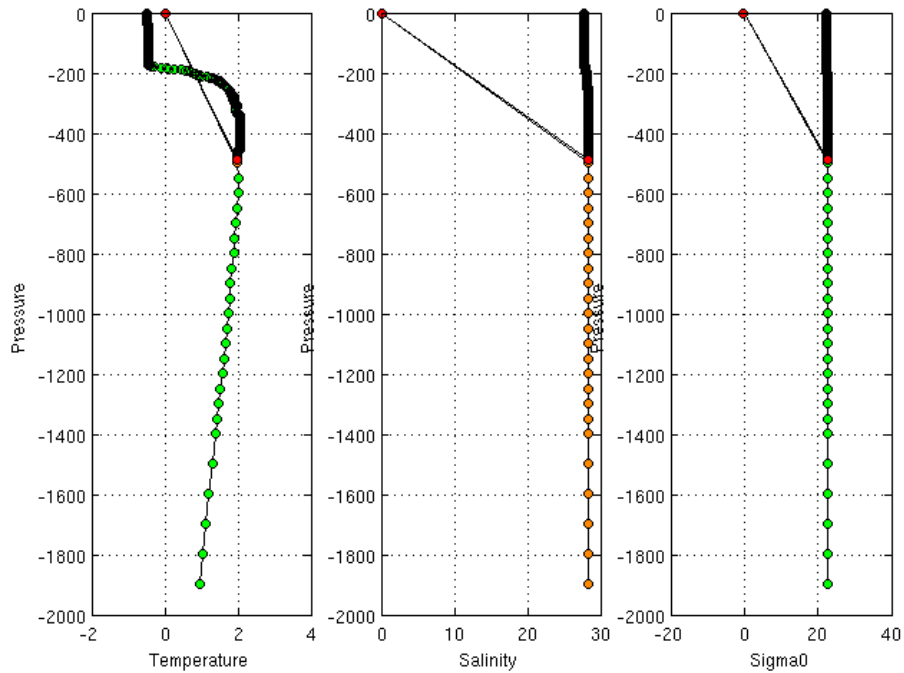
**Warning Objective Analysis Anomalies 2017 August TEMP PSAL - DAC IN**



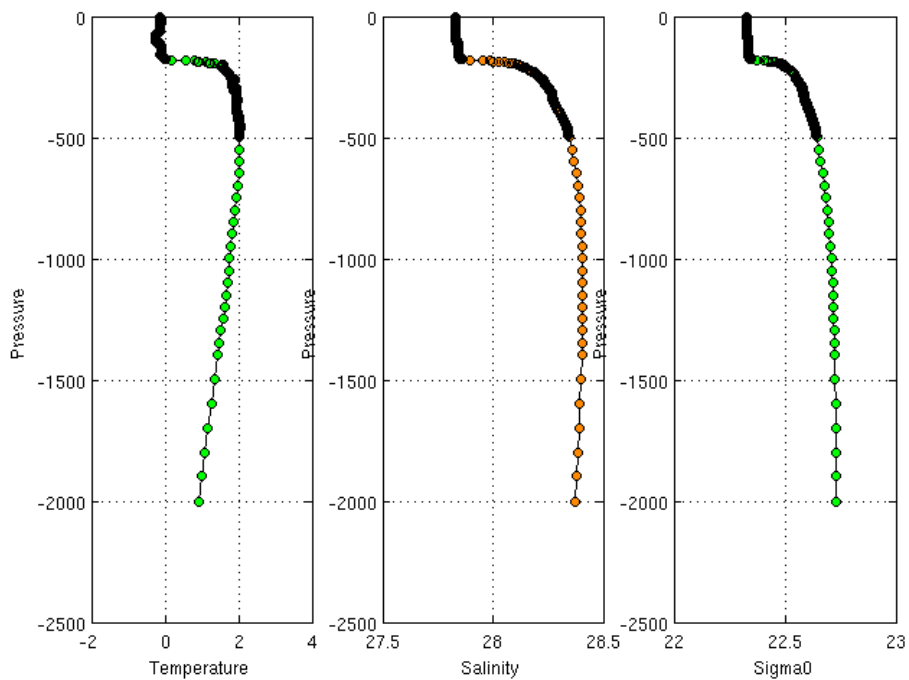
IN,2902164,95,03/08/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53310464 ,PSAL,4.1,488,1,3  
 IN,2902164,95,03/08/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53310464 ,PSAL,548.65,1898.14,1,3  
 IN,2902164,95,03/08/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53310464 ,PSAL\_ADJUSTED,4.1,488,1,3  
 IN,2902164,95,03/08/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53310464 ,PSAL\_ADJUSTED,548.65,1898.14,1,3  
 IN,2902164,96,13/08/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53400693 ,PSAL,2.6,2000.83,1,3  
 IN,2902164,96,13/08/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53400693 ,PSAL\_ADJUSTED,2.6,2000.83,1,3  
 IN,2902164,96,17/08/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53400693 ,PSAL,2000.83,2000.83,1,3  
 IN,2902164,96,17/08/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53400693 ,PSAL\_ADJUSTED,2000.83,2000.83,1,3

Example of corrections:

Warning Objective Analysis Anomalies 2017 August TEMP PSAL : DAC IN- Float 2902164-95



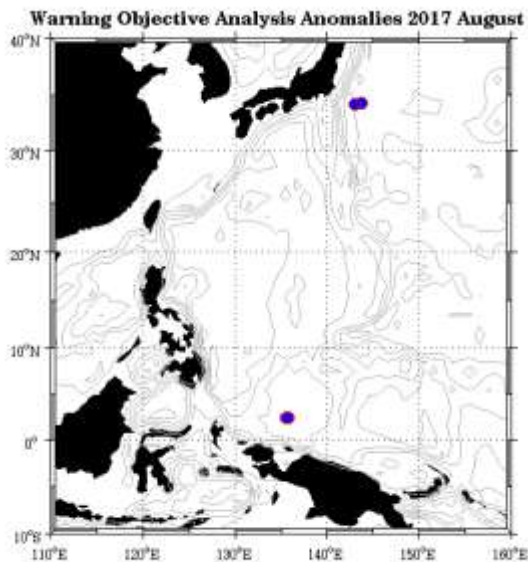
Warning Objective Analysis Anomalies 2017 August TEMP PSAL : DAC IN- Float 2902164-96



## 6. DAC JMA/JAMSTEC

Profiles detected by the objective analysis: 4 profiles (2 floats – float can have several cycles with anomalies)

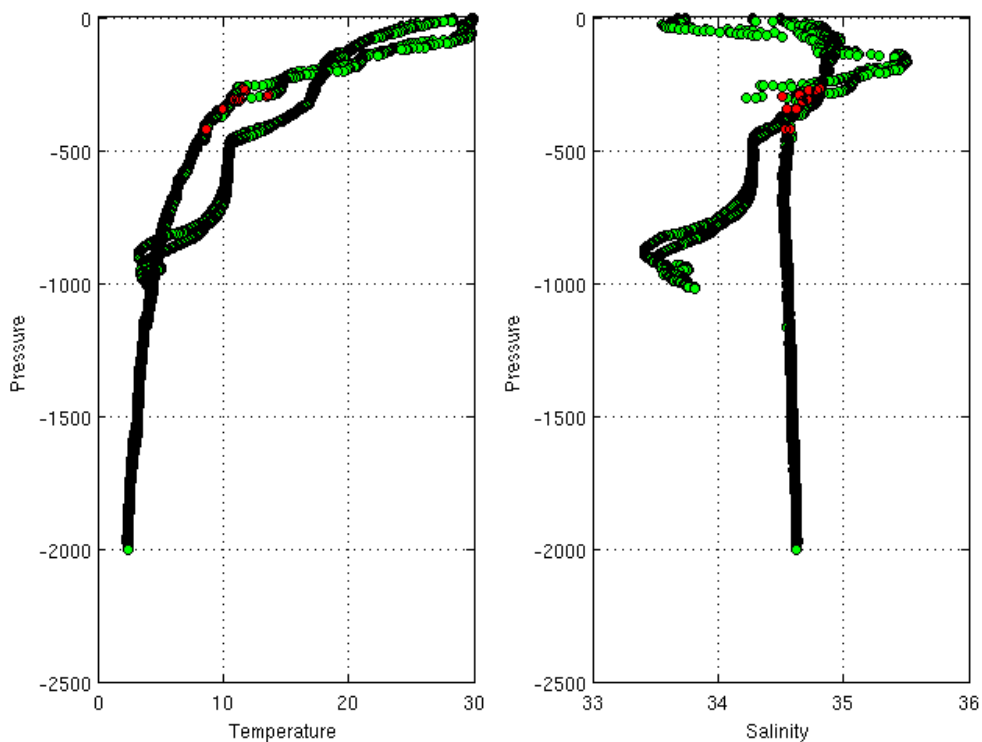
Data_mode ='R'	Data_mode ='A'	Data_mode ='D'
0 cycle	4 cycles	0 cycle



### Status of corrections: Correction not done, no feedback

Float : 2902523 - Cycle : 111 - PI : JAMSTEC - Data mode : A - Platform type : NAVIS\_A - WMO inst type : 863 - FLOAT SERIAL : 0385 - Date : 2017 8 9  
 Float : 2902523 - Cycle : 112 - PI : JAMSTEC - Data mode : A - Platform type : NAVIS\_A - WMO inst type : 863 - FLOAT SERIAL : 0385 - Date : 2017 8 19  
 Float : 5905045 - Cycle : 260 - PI : JAMSTEC - Data mode : A - Platform type : NAVIS\_A - WMO inst type : 863 - FLOAT SERIAL : 0563 - Date : 2017 8 6  
 Float : 5905045 - Cycle : 261 - PI : JAMSTEC - Data mode : A - Platform type : NAVIS\_A - WMO inst type : 863 - FLOAT SERIAL : 0563 - Date : 2017 8 8

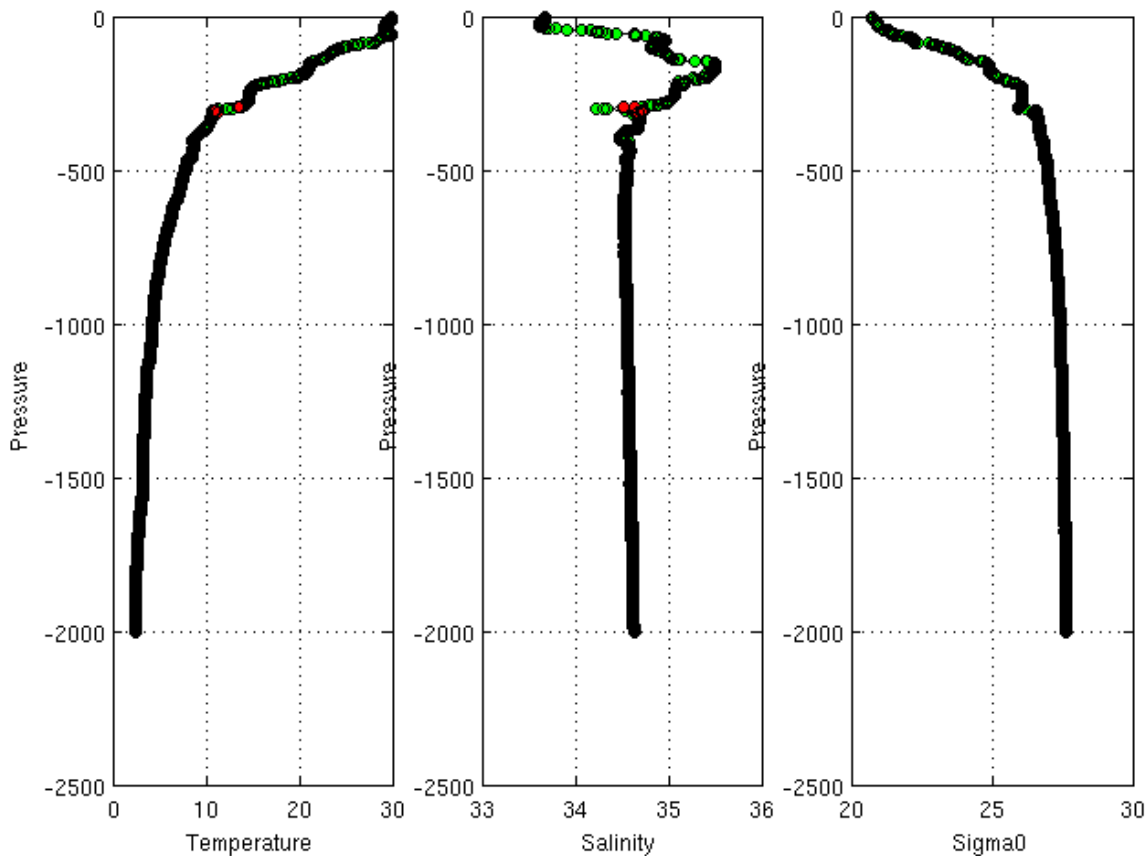
### Warming Objective Analysis Anomalies 2017 August TEMP PSAL - DAC JA



DAC\_CODE,PLATFORM\_CODE,CV\_NUMBER,DATE\_UPDATE,DIRECTION,WEB\_URL,PARAMETER,START\_IMMERSION,STOP\_IMMERSION,OLD\_QC,NEW\_QC  
 JA,2902523,111,09/08/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53359062 ,PSAL,794,1018,1,3  
 JA,2902523,111,09/08/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53359062 ,PSAL\_ADJUSTED,794,1018,1,3  
 JA,2902523,112,19/08/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53469734 ,PSAL,830,1015.4,1,3  
 JA,2902523,112,19/08/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53469734 ,PSAL\_ADJUSTED,832,1015.4,1,3  
 JA,5905045,260,07/08/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53352137 ,PSAL,254,256,1,4  
 JA,5905045,260,07/08/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53352137 ,PSAL,266,268,1,4  
 JA,5905045,260,07/08/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53352137 ,PSAL,272,272,1,4  
 JA,5905045,260,07/08/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53352137 ,PSAL\_ADJUSTED,254,256,1,4  
 JA,5905045,260,07/08/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53352137 ,PSAL\_ADJUSTED,266,268,1,4  
 JA,5905045,260,07/08/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53352137 ,PSAL\_ADJUSTED,272,272,1,4  
 JA,5905045,261,09/08/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53355945 ,PSAL,298,300,1,4  
 JA,5905045,261,09/08/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53355945 ,PSAL,314,316,1,4  
 JA,5905045,261,09/08/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53355945 ,PSAL,368,372,1,4  
 JA,5905045,261,09/08/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53355945 ,PSAL,390,390,1,4  
 JA,5905045,261,09/08/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53355945 ,PSAL\_ADJUSTED,298,300,1,4  
 JA,5905045,261,09/08/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53355945 ,PSAL\_ADJUSTED,314,316,1,4  
 JA,5905045,261,09/08/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53355945 ,PSAL\_ADJUSTED,368,372,1,4  
 JA,5905045,261,09/08/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53355945 ,PSAL\_ADJUSTED,390,390,1,4

Example of anomalies:

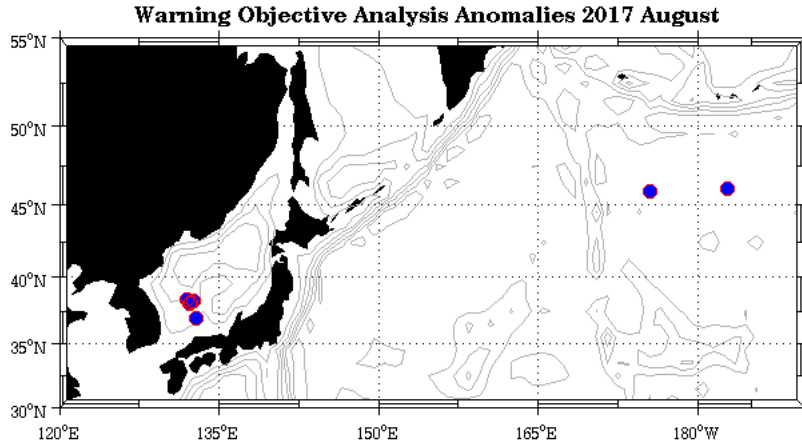
### Warning Objective Analysis Anomalies 2017 August TEMP PSAL : DAC JA- Float 5905045-261



## 7. DAC KMA

Profiles detected by the objective analysis: 8 profiles (4 floats – float can have several cycles with anomalies)

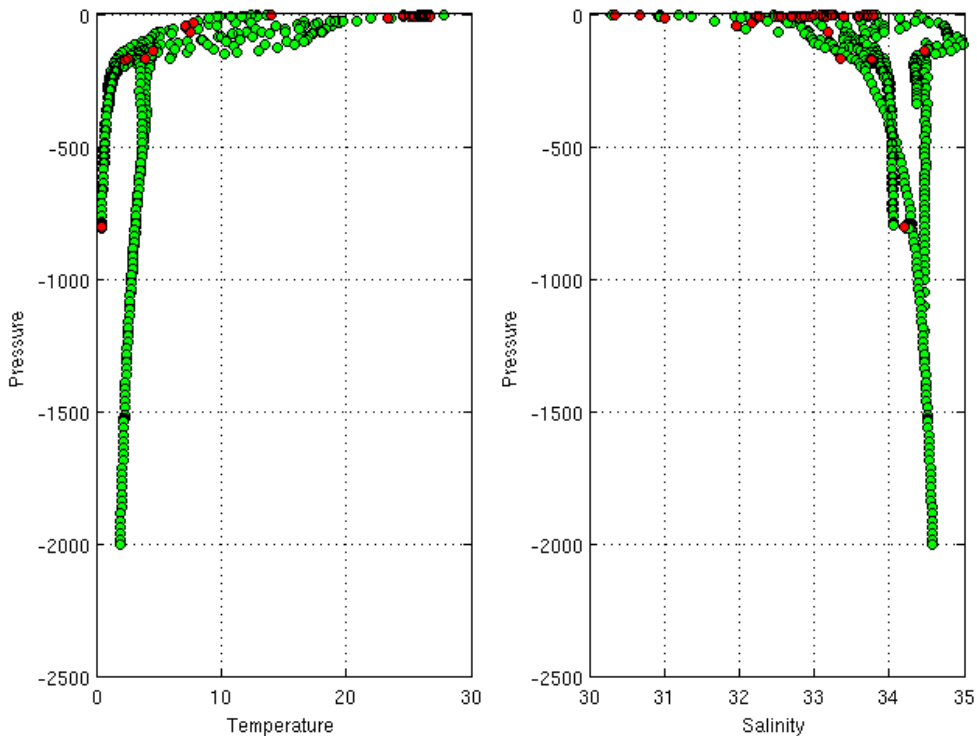
Data_mode = 'R'	Data_mode = 'A'	Data_mode = 'D'
7 cycles	1 cycle	0 cycle



**Status of corrections: Correction not done, no feedback**

Float : 2901713 - Cycle : 148 - PI : Young-Hwa Kim - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : n/a - Date : 2017 8 22  
 Float : 2901730 - Cycle : 109 - PI : Youngsoo Jeon - Data mode : R - Platform type : ARVOR - WMO inst type : 846 - FLOAT SERIAL : n/a - Date : 2017 7 31  
 Float : 2901740 - Cycle : 117 - PI : ByungHwan Lim - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : n/a - Date : 2017 8 16  
 Float : 2901740 - Cycle : 118 - PI : ByungHwan Lim - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : n/a - Date : 2017 8 23  
 Float : 2901750 - Cycle : 52 - PI : Jaeyoung Byon - Data mode : R - Platform type : ARVOR - WMO inst type : 846 - FLOAT SERIAL : n/a - Date : 2017 7 29  
 Float : 2901750 - Cycle : 53 - PI : Jaeyoung Byon - Data mode : R - Platform type : ARVOR - WMO inst type : 846 - FLOAT SERIAL : n/a - Date : 2017 8 5  
 Float : 2901750 - Cycle : 54 - PI : Jaeyoung Byon - Data mode : R - Platform type : ARVOR - WMO inst type : 846 - FLOAT SERIAL : n/a - Date : 2017 8 12  
 Float : 2901750 - Cycle : 56 - PI : Jaeyoung Byon - Data mode : R - Platform type : ARVOR - WMO inst type : 846 - FLOAT SERIAL : n/a - Date : 2017 8 26

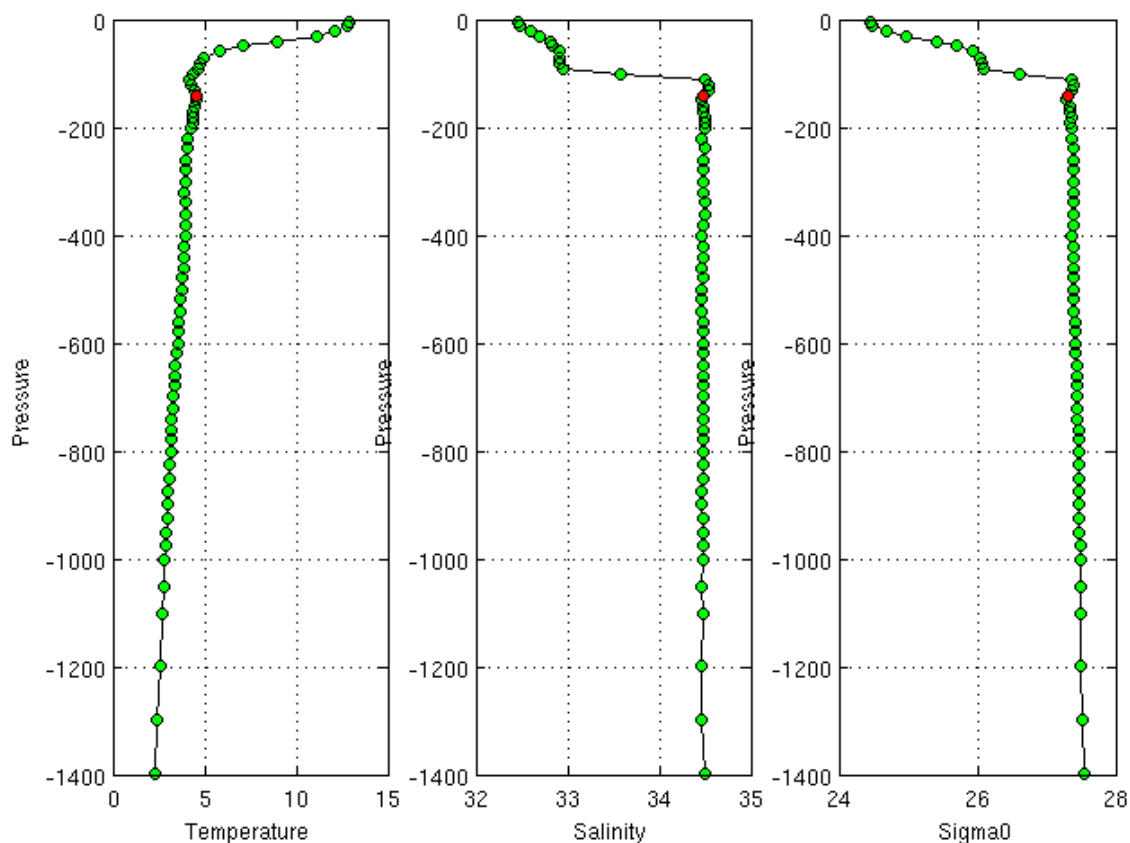
**Warning Objective Analysis Anomalies 2017 August TEMP PSAL - DAC KM**



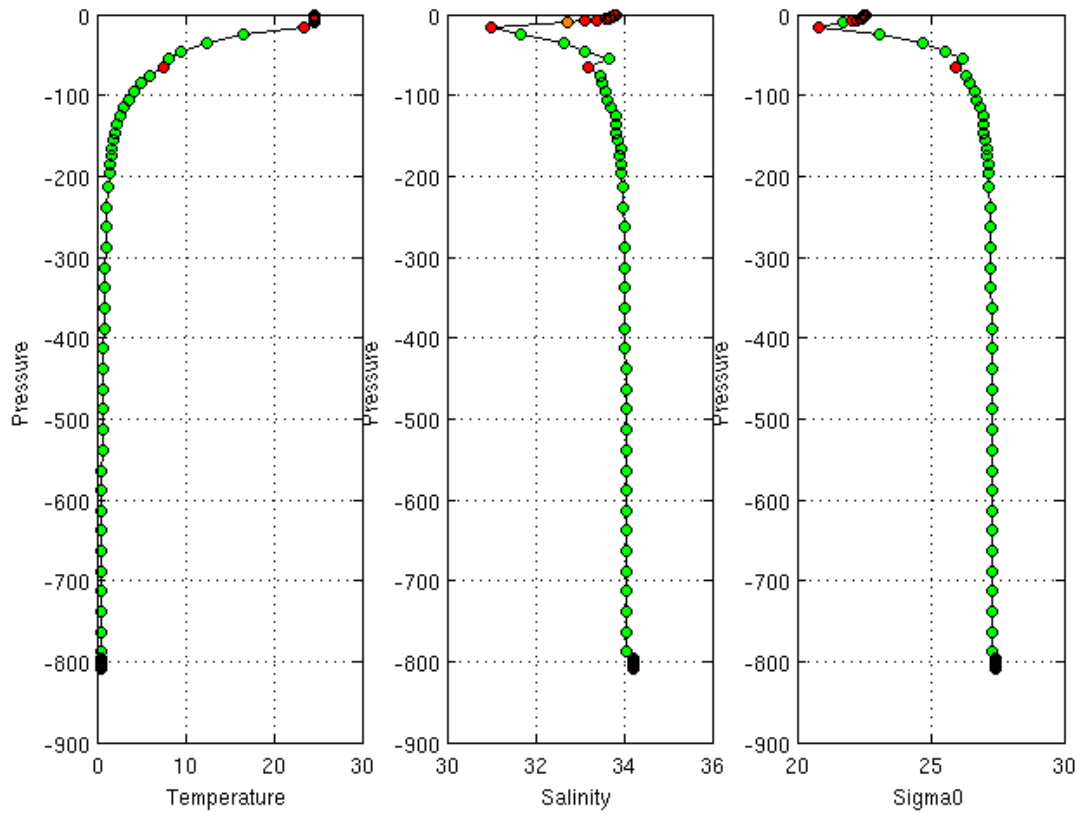
DAC\_CODE,PLATFORM\_CODE,CV\_NUMBER,DATE\_UPDATE,DIRECTION,WEB\_URL,PARAMETER,START\_IMMERSION,STOP\_IMMERSION,OLD\_QC,NEW\_QC  
 KM,2901713,148,23/08/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53502075 ,PSAL,110.3,130.4,1,4  
 KM,2901713,148,23/08/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53502075 ,PSAL,149.6,1199.9,1,4  
 KM,2901713,148,23/08/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53502075 ,PSAL\_ADJUSTED,110.3,130.4,1,4  
 KM,2901713,148,23/08/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53502075 ,PSAL\_ADJUSTED,149.6,1199.9,1,4  
 KM,2901730,109,01/08/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53290005 ,PSAL,1,1,1,3  
 KM,2901730,109,01/08/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53290005 ,PSAL,4,25,1,4  
 KM,2901730,109,01/08/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53290005 ,PSAL,55,65,1,3  
 KM,2901740,117,17/08/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53436557 ,PSAL,4.3,265.6,1,3  
 KM,2901740,118,24/08/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53506790 ,PSAL,4.4,339.4,1,3  
 KM,2901750,52,30/07/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53244344 ,PSAL,3,3,1,4  
 KM,2901750,52,30/07/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53244344 ,PSAL,795,809,1,4  
 KM,2901750,53,06/08/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53348914 ,PSAL,15,15,1,4  
 KM,2901750,53,06/08/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53348914 ,PSAL,7,7,1,4  
 KM,2901750,54,13/08/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53403295 ,PSAL,792,801,1,4  
 KM,2901750,54,13/08/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53403295 ,PSAL,805,806,1,4  
 KM,2901750,56,27/08/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53542148 ,PSAL,3,4,1,4  
 KM,2901750,56,27/08/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53542148 ,PSAL,7,7,1,4  
 KM,2901750,56,27/08/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53542148 ,PSAL,791,804,1,4  
 KM,2901750,56,27/08/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53542148 ,PSAL,95,95,1,4

Example of anomalies:

### Warning Objective Analysis Anomalies 2017 August TEMP PSAL : DAC KM- Float 2901713-148



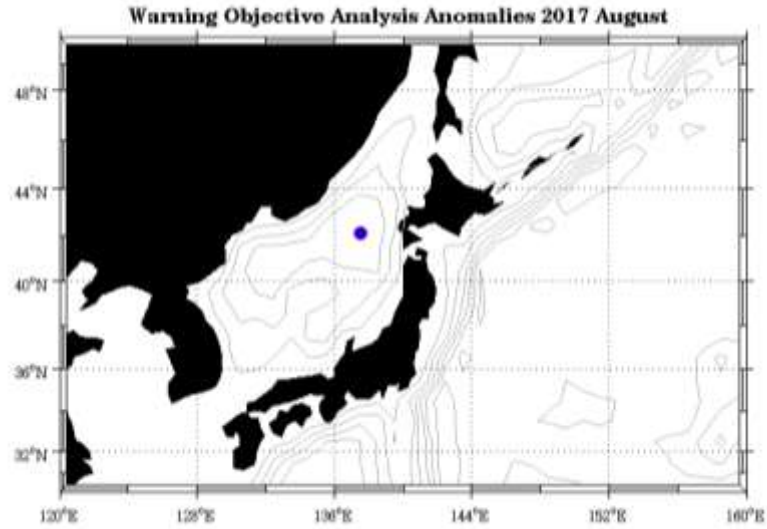
Warning Objective Analysis Anomalies 2017 August TEMP PSAL : DAC KM- Float 2901750-52



## 8. DAC KORDI

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

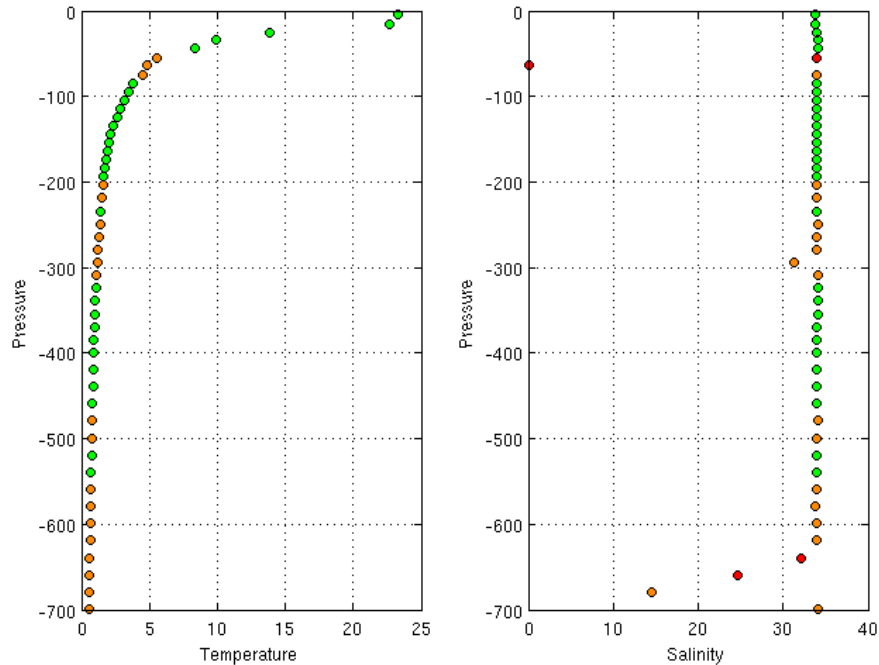
Data_mode ='R'	Data_mode ='A'	Data_mode ='D'
0 cycle	1 cycle	0 cycle



### Status of corrections:

Float : 2900205 - Cycle : 547 - PI : Moon-Sik Suk - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 663 - Date : 2017 8 24

### Warning Objective Analysis Anomalies 2017 August TEMP PSAL - DAC KO



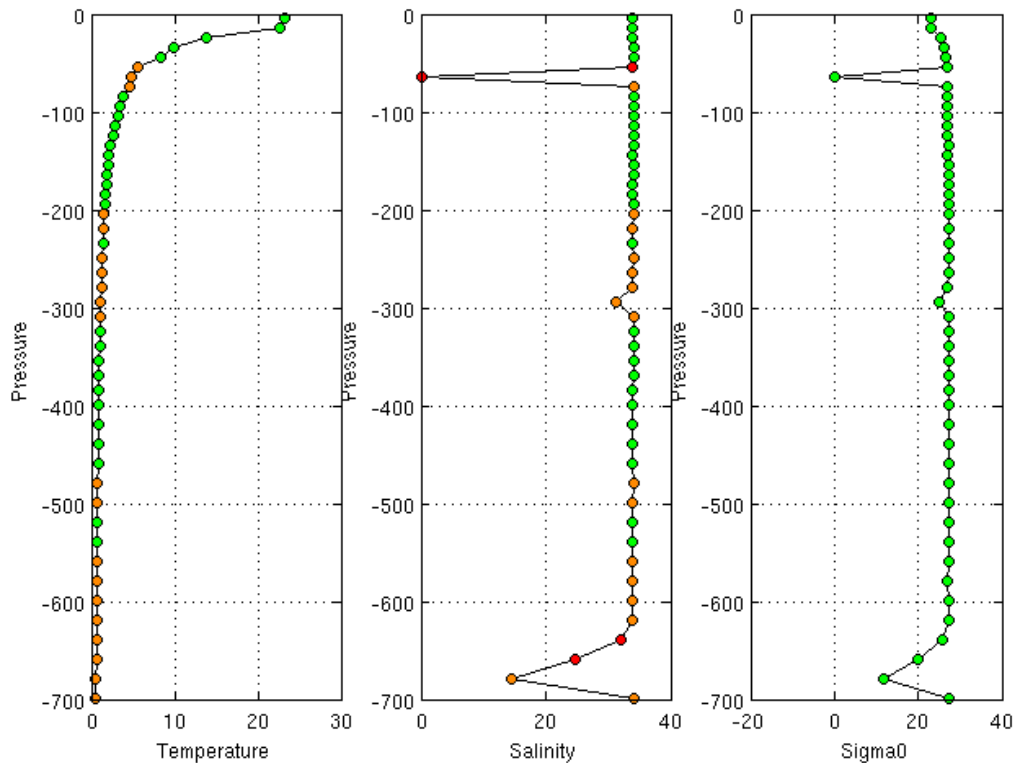
DAC\_CODE,PLATFORM\_CODE,CV\_NUMBER,DATE\_UPDATE,DIRECTION,WEB\_URL,PARAMETER,START\_IMMERSION,STOP\_IMMERSION,OLD\_QC,NEW\_QC  
 KO,2900205,547,27/08/2017 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=53523596> ,PSAL,234.3,234.3,1,3  
 KO,2900205,547,27/08/2017 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=53523596> ,PSAL,293.8,293.8,3,4  
 KO,2900205,547,27/08/2017 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=53523596> ,PSAL,369.3,459.1,1,3  
 KO,2900205,547,27/08/2017 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=53523596> ,PSAL,519.2,538.8,1,3  
 KO,2900205,547,27/08/2017 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=53523596> ,PSAL,679,679,3,4



KO,2900205,547,27/08/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53523596 ,PSAL\_ADJUSTED,234.3,234.3,1,3  
KO,2900205,547,27/08/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53523596 ,PSAL\_ADJUSTED,293.8,293.8,3,4  
KO,2900205,547,27/08/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53523596 ,PSAL\_ADJUSTED,369.3,459.1,1,3  
KO,2900205,547,27/08/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53523596 ,PSAL\_ADJUSTED,519.2,538.8,1,3  
KO,2900205,547,27/08/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53523596 ,PSAL\_ADJUSTED,679,679,3,4

Example of anomalies:

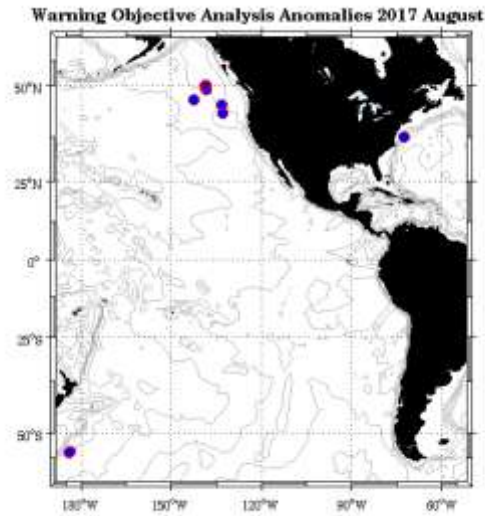
**Warning Objective Analysis Anomalies 2017 August TEMP PSAL : DAC KO- Float 2900205-547**



## 9. DAC MEDS

Profiles detected by the objective analysis: 13 profiles (7 floats – float can have several cycles with anomalies)

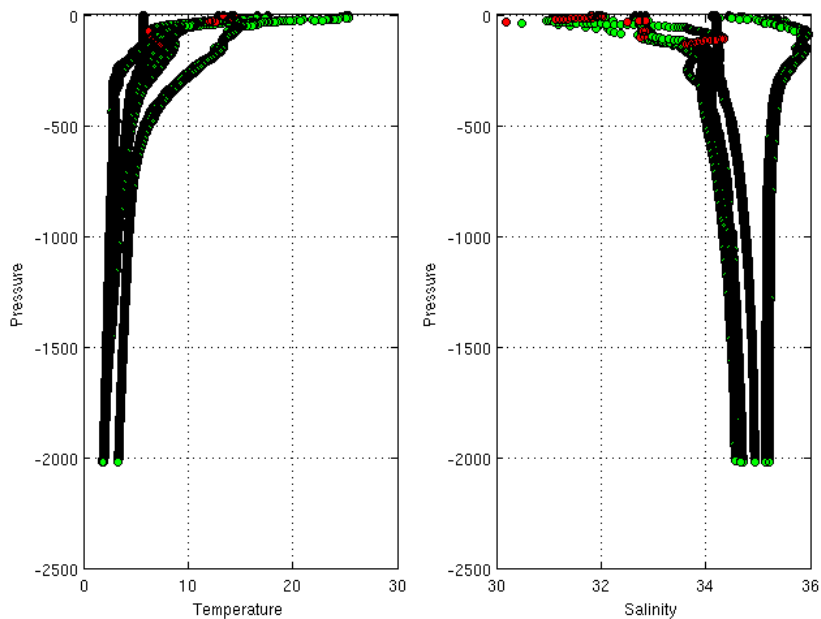
Data_mode ='R'	Data_mode ='A'	Data_mode ='D'
0 cycle	10 cycles	3 cycles



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

Float : 4901186 - Cycle : 184 - PI : Blair Greenan - Data mode : A - Platform type : NOVA - WMO inst type : 865 - FLOAT SERIAL : 26 - Date : 2017 8 1  
 Float : 4901772 - Cycle : 77 - PI : Blair Greenan - Data mode : A - Platform type : NOVA - WMO inst type : 865 - FLOAT SERIAL : 188 - Date : 2017 8 13  
 Float : 4901784 - Cycle : 76 - PI : Blair Greenan - Data mode : A - Platform type : NOVA - WMO inst type : 865 - FLOAT SERIAL : 200 - Date : 2017 8 3  
 Float : 4901790 - Cycle : 75 - PI : Blair Greenan - Data mode : D - Platform type : NOVA - WMO inst type : 865 - FLOAT SERIAL : 206 - Date : 2017 7 25  
 Float : 4901790 - Cycle : 76 - PI : Blair Greenan - Data mode : D - Platform type : NOVA - WMO inst type : 865 - FLOAT SERIAL : 206 - Date : 2017 8 4  
 Float : 4901790 - Cycle : 77 - PI : Blair Greenan - Data mode : D - Platform type : NOVA - WMO inst type : 865 - FLOAT SERIAL : 206 - Date : 2017 8 14  
 Float : 4901792 - Cycle : 61 - PI : Blair Greenan - Data mode : A - Platform type : NOVA - WMO inst type : 865 - FLOAT SERIAL : 208 - Date : 2017 7 30  
 Float : 4901792 - Cycle : 62 - PI : Blair Greenan - Data mode : A - Platform type : NOVA - WMO inst type : 865 - FLOAT SERIAL : 208 - Date : 2017 8 9  
 Float : 4901792 - Cycle : 63 - PI : Blair Greenan - Data mode : A - Platform type : NOVA - WMO inst type : 865 - FLOAT SERIAL : 208 - Date : 2017 8 19  
 Float : 4901792 - Cycle : 64 - PI : Blair Greenan - Data mode : A - Platform type : NOVA - WMO inst type : 865 - FLOAT SERIAL : 208 - Date : 2017 8 29  
 Float : 4901795 - Cycle : 78 - PI : Blair Greenan - Data mode : A - Platform type : NOVA - WMO inst type : 865 - FLOAT SERIAL : 211 - Date : 2017 8 25  
 Float : 4901798 - Cycle : 85 - PI : Blair Greenan - Data mode : A - Platform type : NOVA - WMO inst type : 865 - FLOAT SERIAL : 214 - Date : 2017 8 17  
 Float : 4901798 - Cycle : 86 - PI : Blair Greenan - Data mode : A - Platform type : NOVA - WMO inst type : 865 - FLOAT SERIAL : 214 - Date : 2017 8 27

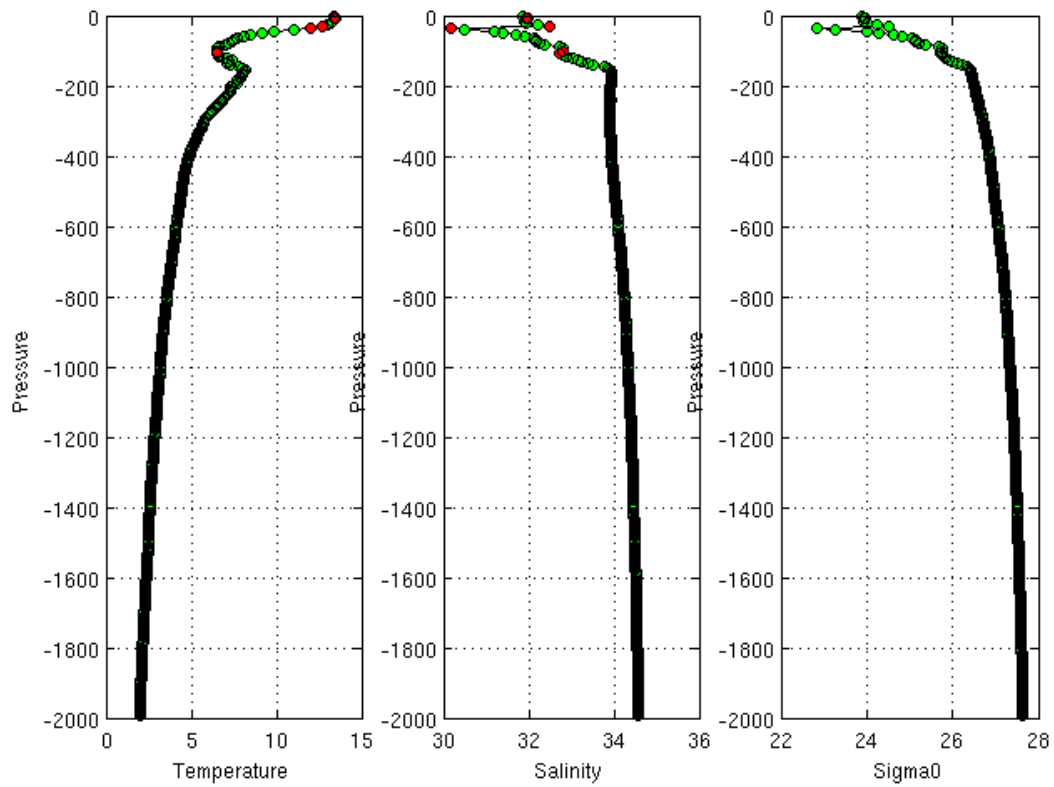
### Warning Objective Analysis Anomalies 2017 August TEMP PSAL - DAC ME



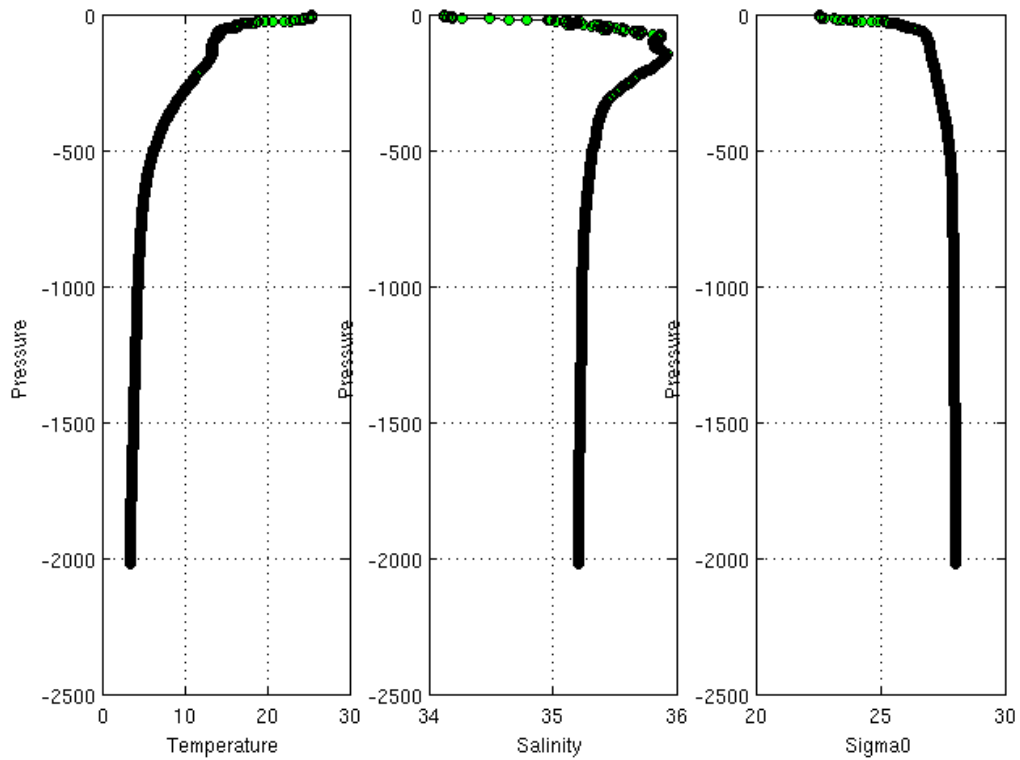
DAC\_CODE,PLATFORM\_CODE,CV\_NUMBER,DATE\_UPDATE,DIRECTION,WEB\_URL,PARAMETER,START\_IMMERSION,STOP\_IMMERSION,OLD\_QC,NEW\_QC  
ME,4901186,184,01/08/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53290466 ,PSAL,0,0,1,3  
ME,4901186,184,01/08/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53290466 ,PSAL,14.8,25.8,1,3  
ME,4901186,184,01/08/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53290466 ,PSAL,39.5,80.7,1,4  
ME,4901186,184,01/08/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53290466 ,PSAL\_ADJUSTED,0,0,1,3  
ME,4901186,184,01/08/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53290466 ,PSAL\_ADJUSTED,14.8,25.8,1,3  
ME,4901186,184,01/08/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53290466 ,PSAL\_ADJUSTED,39.5,80.7,1,4  
ME,4901772,77,13/08/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53403319 ,PSAL,51,52,1,4  
ME,4901772,77,13/08/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53403319 ,PSAL\_ADJUSTED,51,52,1,4  
ME,4901784,76,03/08/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53313145 ,PSAL,2.7,2019.7,1,3  
ME,4901784,76,03/08/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53313145 ,PSAL\_ADJUSTED,2.7,2019.7,1,3  
ME,4901790,75,18/08/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53077233 ,PSAL,2.1,2021.2,1,3  
ME,4901790,75,18/08/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53077233 ,PSAL\_ADJUSTED,2.1,2021.2,1,3  
ME,4901790,76,04/08/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53330331 ,PSAL,3,2020.1,1,3  
ME,4901790,76,04/08/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53330331 ,PSAL\_ADJUSTED,3,2020.1,1,3  
ME,4901790,76,18/08/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53330331 ,PSAL,3,2020.1,1,3  
ME,4901790,76,18/08/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53330331 ,PSAL\_ADJUSTED,3,2020.1,1,3  
ME,4901790,77,14/08/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53406615 ,PSAL,1179.8,1179.8,2,4  
ME,4901790,77,14/08/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53406615 ,PSAL,40,40,2,4  
ME,4901790,77,14/08/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53406615 ,PSAL,56.5,56.5,2,4  
ME,4901790,77,14/08/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53406615 ,PSAL,785.2,849.8,2,4  
ME,4901790,77,14/08/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53406615 ,PSAL\_ADJUSTED,1179.8,1179.8,2,4  
ME,4901790,77,14/08/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53406615 ,PSAL\_ADJUSTED,40,40,2,4  
ME,4901790,77,14/08/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53406615 ,PSAL\_ADJUSTED,56.5,56.5,2,4  
ME,4901790,77,14/08/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53406615 ,PSAL\_ADJUSTED,71.1,72.7,2,4  
ME,4901790,77,14/08/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53406615 ,PSAL\_ADJUSTED,789.8,849.8,2,4  
ME,4901790,77,18/08/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53406615 ,PSAL,2.6,2020.2,2,3  
ME,4901790,77,18/08/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53406615 ,PSAL\_ADJUSTED,2.6,2020.2,2,3  
ME,4901792,61,30/07/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53244363 ,PSAL,2.2,2010.7,1,3  
ME,4901792,61,30/07/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53244363 ,PSAL\_ADJUSTED,2.2,2010.7,1,3  
ME,4901792,62,09/08/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53358981 ,PSAL,2.1,2020.2,1,3  
ME,4901792,62,09/08/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53358981 ,PSAL\_ADJUSTED,2.1,2020.2,1,3  
ME,4901792,63,19/08/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53457016 ,PSAL,2.1,2020,1,3  
ME,4901792,63,19/08/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53457016 ,PSAL\_ADJUSTED,2.1,2020,1,3  
ME,4901792,64,29/08/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53550436 ,PSAL,2.2,2020.1,1,3  
ME,4901792,64,29/08/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53550436 ,PSAL\_ADJUSTED,2.2,2020.1,1,3  
ME,4901795,78,25/08/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53523791 ,PSAL,135,307.5,1,3  
ME,4901795,78,25/08/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53523791 ,PSAL,22,105,1,4  
ME,4901795,78,25/08/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53523791 ,PSAL,6,9,1,3  
ME,4901795,78,25/08/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53523791 ,PSAL,920,1755,1,3  
ME,4901795,78,25/08/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53523791 ,PSAL\_ADJUSTED,135,307.5,1,3  
ME,4901795,78,25/08/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53523791 ,PSAL\_ADJUSTED,22,105,1,4  
ME,4901795,78,25/08/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53523791 ,PSAL\_ADJUSTED,6,9,1,3  
ME,4901795,78,25/08/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53523791 ,PSAL\_ADJUSTED,920,1719.9,4,3  
ME,4901798,85,17/08/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53436520 ,PSAL,2.1,2020.1,1,3  
ME,4901798,85,17/08/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53436520 ,PSAL\_ADJUSTED,2.1,2020.1,1,3  
ME,4901798,86,27/08/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53542710 ,PSAL,2.2,2020.1,1,3  
ME,4901798,86,27/08/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53542710 ,PSAL\_ADJUSTED,2.2,2020.1,1,3

Example of anomalies:

Warning Objective Analysis Anomalies 2017 August TEMP PSAL : DAC ME- Float 4901186-184



Warning Objective Analysis Anomalies 2017 August TEMP PSAL : DAC ME- Float 4901798-86



## 10. DAC NMDIS

Profiles detected by the objective analysis: 0

**Status of corrections:**

Example of anomalies:

## 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.

### 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 : 6432**

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

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 -

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

5904014 - Existing nc files

File : 5904014\_Rtraj.nc - 5904014\_meta.nc - 5904014\_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

-

5905241 - Existing nc files  
File : 5905241\_Dtraj.nc - 5905241\_meta.nc -

### **Files in real time :**

**aoml - R5904488\_210.nc - A profile date-time is not defined, location not defined but right QC on those parameters – If JULD missing, put QC 9 ? or put position\_qc=4 ? but be consistent**

```
JULD = _ _ ;  
JULD_QC = "44" ;  
JULD_LOCATION = _ _ ;  
LATITUDE = _ _ ;  
LONGITUDE = _ _ ;  
POSITION_QC = "99" ;
```

## **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 monopprofile, no trajectory)

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

**DAC name : bodc - Number of floats : 614**

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

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

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

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

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

## 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 : 2499**

1900380 - Existing nc files

1900380 - Existing nc files

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

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

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

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

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

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

6901224 - Existing nc files  
File : 6901224\_Rtraj.nc - 6901224\_meta.nc - 6901224\_tech.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

69016 - Existing nc files  
File : 69016\_meta.nc - 69016\_prof.nc - 69016\_tech.nc

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

69017 - Existing nc files  
File : 69017\_meta.nc - 69017\_prof.nc - 69017\_tech.nc

69018 - Existing nc files  
File : 69018\_meta.nc - 69018\_prof.nc - 69018\_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 -

6902020 - Existing nc files  
File : 6902020\_meta.nc - 6902020\_prof.nc - 6902020\_tech.nc

6902021 - Existing nc files  
File : 6902021\_meta.nc - 6902021\_prof.nc - 6902021\_tech.nc

6902023 - Existing nc files  
File : 6902023\_meta.nc - 6902023\_prof.nc - 6902023\_tech.nc

6902024 - Existing nc files  
File : 6902024\_meta.nc - 6902024\_prof.nc - 6902024\_tech.nc

6902025 - Existing nc files  
File : 6902025\_meta.nc - 6902025\_prof.nc - 6902025\_tech.nc

69021 - Existing nc files  
File : 69021\_meta.nc - 69021\_prof.nc - 69021\_tech.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 - 6903181\_tech.nc

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

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

6903272 - Existing nc files  
File : 6903272\_meta.nc - 6903272\_prof.nc - 6903272\_tech.nc

6903273 - Existing nc files  
File : 6903273\_meta.nc - 6903273\_prof.nc - 6903273\_tech.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 : 356**

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 -

2902691 - Existing nc files

File : 2902691\_Rtraj.nc - 2902691\_meta.nc - 2902691\_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 : 795**

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

## 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 : 422**

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 -  
  
2900763 - Existing nc files  
File : 2900763\_Rtraj.nc - 2900763\_meta.nc -  
  
2900772 - Existing nc files  
File : 2900772\_Rtraj.nc - 2900772\_meta.nc -  
  
2900775 - Existing nc files  
File : 2900775\_Rtraj.nc - 2900775\_meta.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  
  
7654321 - Existing nc files  
File : 7654321\_meta.nc - 7654321\_prof.nc

### 11.7. JMA

**Feedback sent by Wataru.(few 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 by the end of this month**

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

**-Others : 8 floats**

**need further investigation**

\*\*\*\*\*

**For some floats :**

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

See below the list of floats with existing nc files :

**DAC name : jma - Number of floats : 1537**

DAC name : jma - Number of floats : 1537  
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 -

2902529 - 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

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 -

2903195 - Existing nc files  
File : 2903195\_Rtraj.nc - 2903195\_meta.nc - 2903195\_tech.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 -

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 -

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 -

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

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

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

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

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

7900655 - Existing nc files  
File : 7900655\_meta.nc - 7900655\_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 : 227

2901213 - Existing nc files  
File : 2901213\_Rtraj.nc - 2901213\_meta.nc - 2901213\_prof.nc

File : 2901705\_Rtraj.nc - 2901705\_meta.nc - 2901705\_tech.nc

2901705 - Existing nc files

## 11.9. KORDI

### 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 : 119

2900793 - Existing nc files  
File : 2900793\_Rtraj.nc - 2900793\_meta.nc - 2900793\_prof.nc -

3900079 - Existing nc files  
File : 3900079\_Rtraj.nc - 3900079\_meta.nc -

3900078 - Existing nc files  
File : 3900078\_Rtraj.nc - 3900078\_meta.nc -

3900081 - Existing nc files  
File : 3900081\_Rtraj.nc - 3900081\_meta.nc

### Files in real time :

**2900204** : Some positions are with values **-999** instead of the FillValue "99999" and POSITION\_QC = "1".  
Ex. Cycles 92-179-223-286

## 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 : 457

### 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

- Some files with data\_mode='A' have only one parameter that is filled. See §2.3.3 (Quality Control Manual), all PARAM\_ADJUSTED variables should be filled.

Ex.

Float 1901060 cycle 180 (only PRES\_ADJUSTED filled & all <Param>\_ADJUSTED\_ERROR missing)

Float 1901074 cycle 105 (only PRES\_ADJUSTED filled & all <Param>\_ADJUSTED\_ERROR missing)

Float 2901094 cycle 130 (only PRES\_ADJUSTED filled & all <Param>\_ADJUSTED\_ERROR missing)

Float 2901095 cycle 130 (only PRES\_ADJUSTED filled & all <Param>\_ADJUSTED\_ERROR missing)

Float 1901060 cycle 203, 234 (all <Param>\_ADJUSTED\_ERROR missing) & cycle 230 PSAL\_ADJUSTED also missing

- Other 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

## 12.5. INCOIS

## 12.6. JMA/JAMSTEC

## 12.7. KMA

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

netcdf D2900171\_067 {

PSAL\_ADJUSTED\_ERROR =

0.000, 0.000, 0.000, 0.000, 0.000, 0.000, .....

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

D2900171_002.nc	D2900171_010.nc	D2900171_018.nc	D2900171_028.nc	D2900171_036.nc	D2900171_044.nc	D2900171_052.nc	D2900171_060.nc	D2900171_068.nc
D2900171_003.nc	D2900171_011.nc	D2900171_019.nc	D2900171_029.nc	D2900171_037.nc	D2900171_045.nc	D2900171_053.nc	D2900171_061.nc	D2900171_069.nc
D2900171_004.nc	D2900171_012.nc	D2900171_020.nc	D2900171_030.nc	D2900171_038.nc	D2900171_046.nc	D2900171_054.nc	D2900171_062.nc	D2900171_070.nc
D2900171_005.nc	D2900171_013.nc	D2900171_021.nc	D2900171_031.nc	D2900171_039.nc	D2900171_047.nc	D2900171_055.nc	D2900171_063.nc	D2900171_071.nc
D2900171_006.nc	D2900171_014.nc	D2900171_022.nc	D2900171_032.nc	D2900171_040.nc	D2900171_048.nc	D2900171_056.nc	D2900171_064.nc	D2900171_001.nc
D2900171_007.nc	D2900171_015.nc	D2900171_023.nc	D2900171_033.nc	D2900171_041.nc	D2900171_049.nc	D2900171_057.nc	D2900171_065.nc	R2900171_024.nc
D2900171_008.nc	D2900171_016.nc	D2900171_026.nc	D2900171_034.nc	D2900171_042.nc	D2900171_050.nc	D2900171_058.nc	D2900171_066.nc	R2900171_025.nc
D2900171_009.nc	D2900171_017.nc	D2900171_027.nc	D2900171_035.nc	D2900171_043.nc	D2900171_051.nc	D2900171_059.nc	D2900171_067.nc	

## 12.8. KORDI

DM files – 2900204 DMQC for this float till cycle 371 but still R files waiting for DMQC : Cycles 000, 009, 010, 088, 092, 117, 179, 223, 225, 286, 345, 358, 368

## 12.9. NMDIS

DM files - data\_state\_indicator="2C" but data\_mode="R" and R\*.nc

For floats : 2901615 – 2901631 - 2901632

**2901615** ex. cycle 58, ...

```
DATA_STATE_INDICATOR = "2C " ;  
DATA_MODE = "R" ;
```

**2901632** : all cycles with data\_state\_indicator="2C" – DM files but still R\*\*\*.nc and data\_mode='R'

netcdf R2901632\_056 {

```
DATA_STATE_INDICATOR = "2C " ;
```

```
DATA_MODE = "R" ;
```

```
PRES_ADJUSTED =
```

```
0.0, 5.0, 16.0, 26.0, 36.0, 46.0, 56.0,
```

```
PSAL_ADJUSTED =
```

```
34.687, 34.694, 34.684, 34.670, 34.664, 34.657, 34.658,
```

```
TEMP_ADJUSTED =
```

```
18.364, 18.379, 18.277, 18.115, 18.069, 18.007, 17.965,
```

```
SCIENTIFIC_CALIB_COMMENT =
```

```
"Calibration error is manufacturers specified PRES accuracy at time of lab calibration",
```

```
"Calibration error is manufacturers specified TEMP accuracy at time of lab calibration",
```

```
"No salinity adjustment needed according to OW1.1. Ref. Data are CTD_for_DMQC_2013V01+ARGO_for_DMQC_2013V01";
```

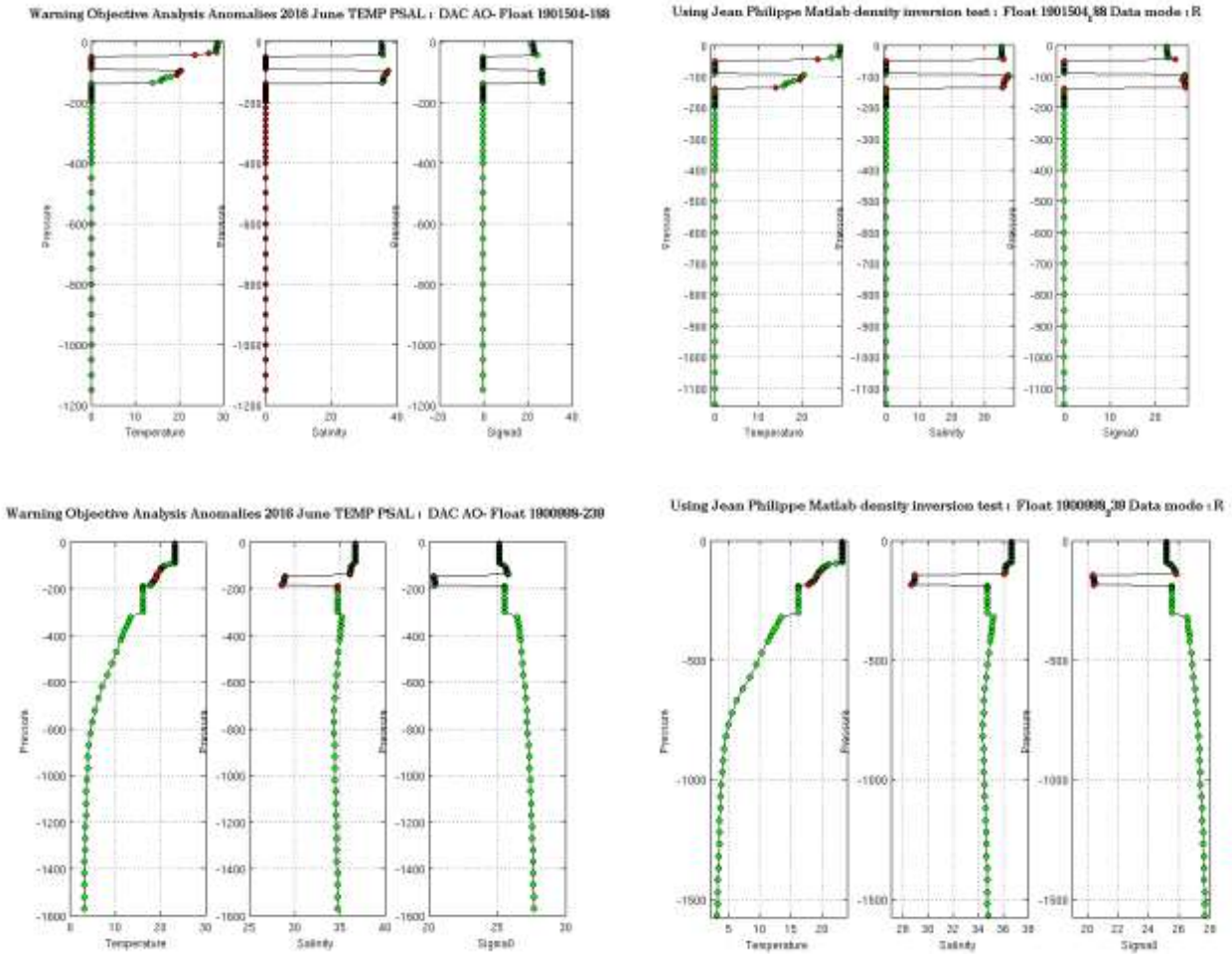
*Other problem for the same file (R2901632\_056):*

TEMP\_ADJUSTED values exist but



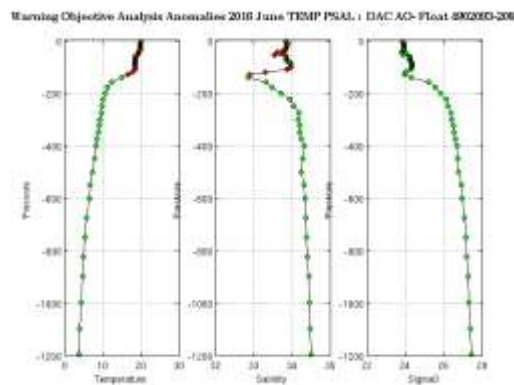
### 13. Automatic Tests (June's version)

- Density inversion tests – Comparison between DACs' results (left column) and Matlab program developed by Jean Philippe Rannou at Coriolis (right column)



Results show that density inversion test is not enough to catch some bad data that are not also caught by other tests. In other cases, this test can catch bad data. Some DACs need to check their codes.

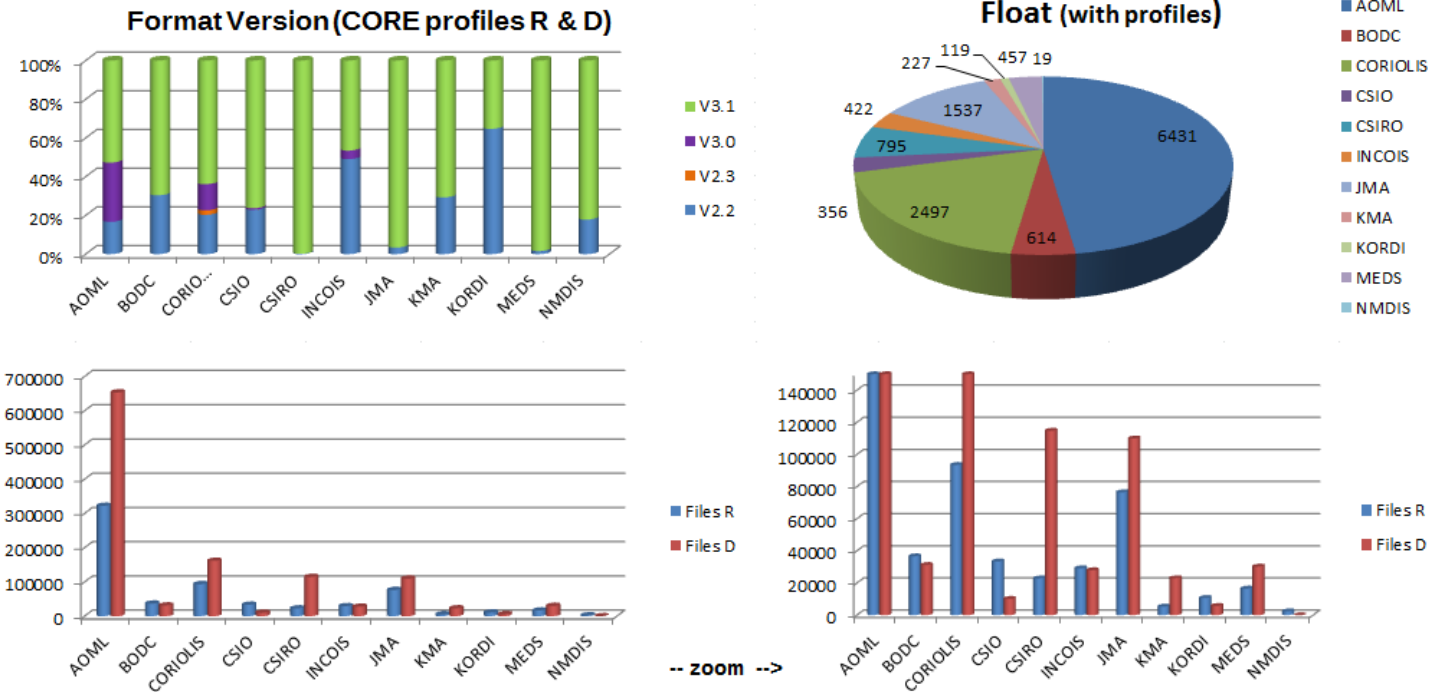
- Strange profiles going through all the automatic tests :



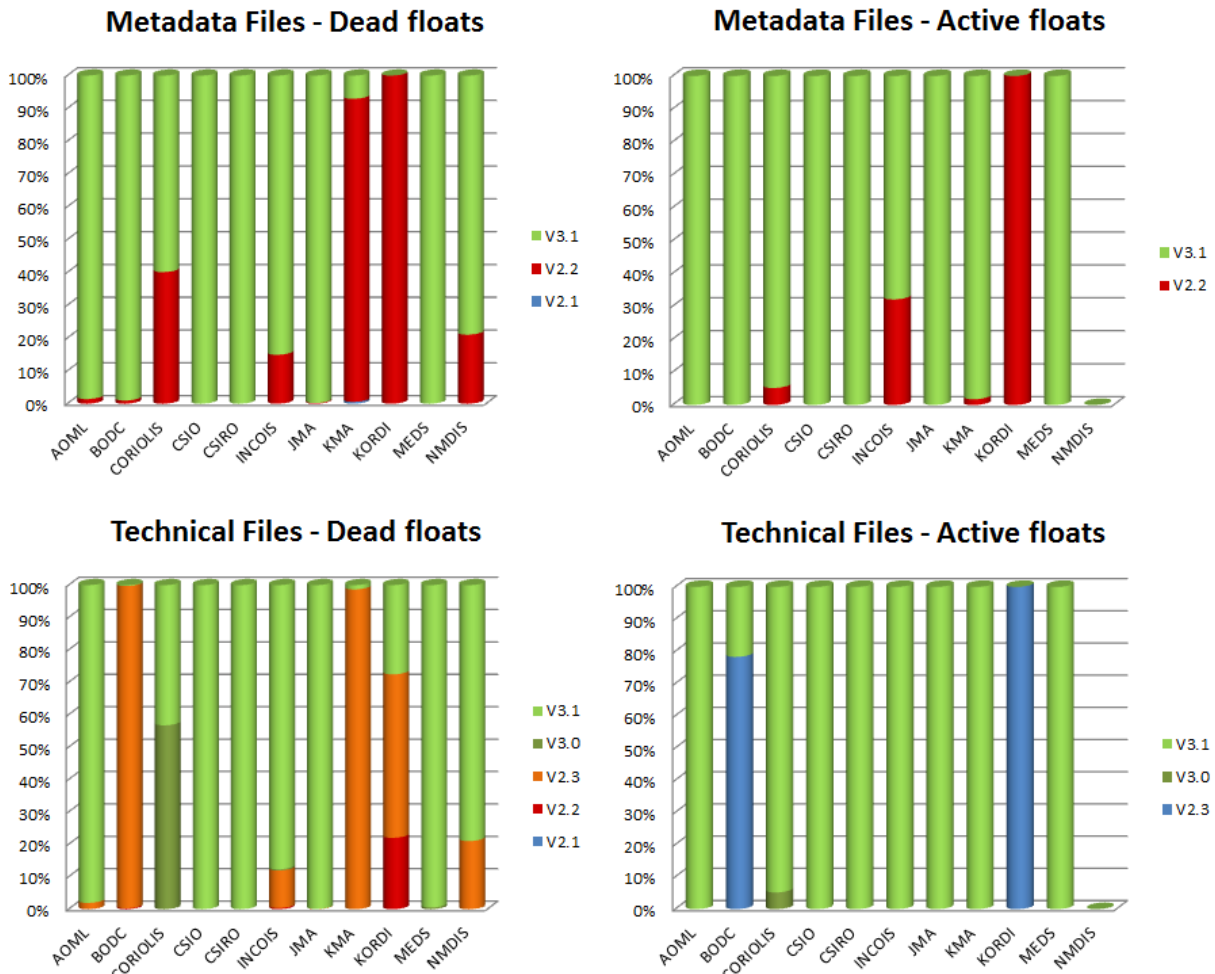
Some profiles have temperature measurements with the zero values which are not good but they did not fail with any test.

# 14. Statistics on floats and format version (August 2017)

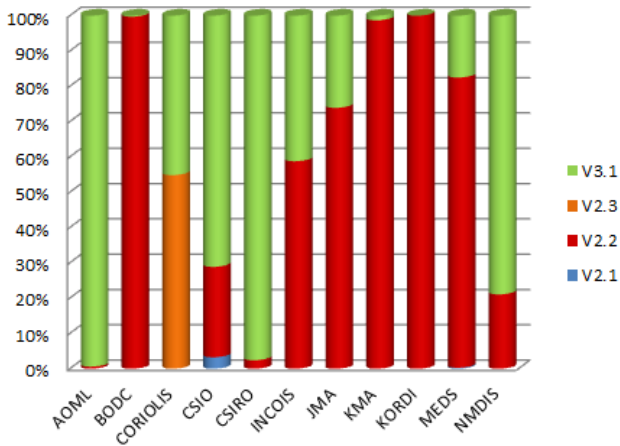
Plots showing format\_version percentage, number of floats (with profiles), number of D and R files by DACs.



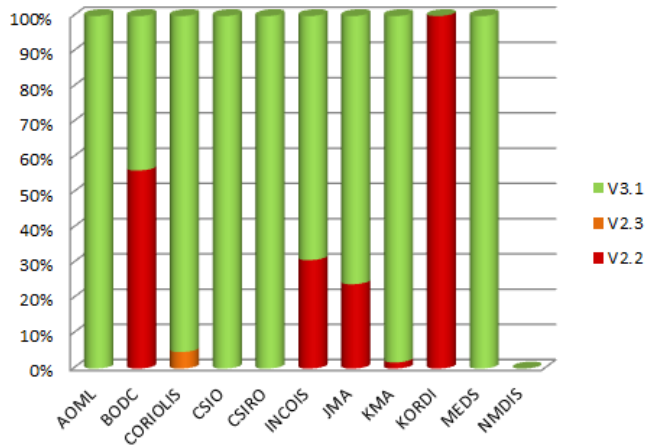
Plots showing format\_version percentage, for metadata-technical-trajectory and core profiles following dead or active floats.



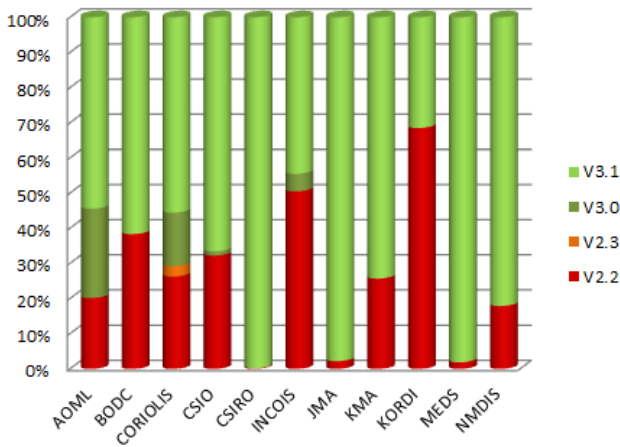
**Trajectory Files - Dead floats**



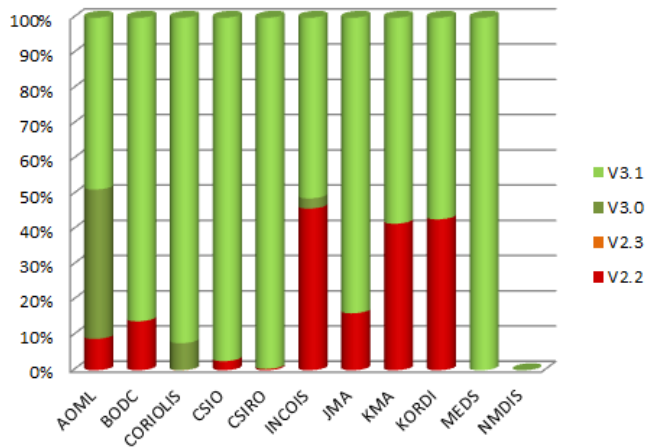
**Trajectory Files - Active floats**



**Profile files - Dead floats**

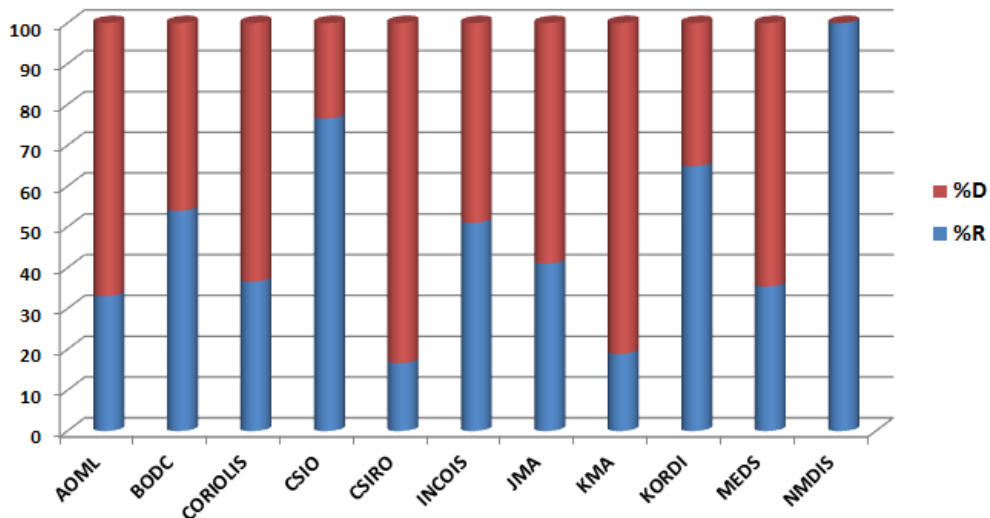


**Profile Files - Active floats**



**Delayed mode percentage by DAC**

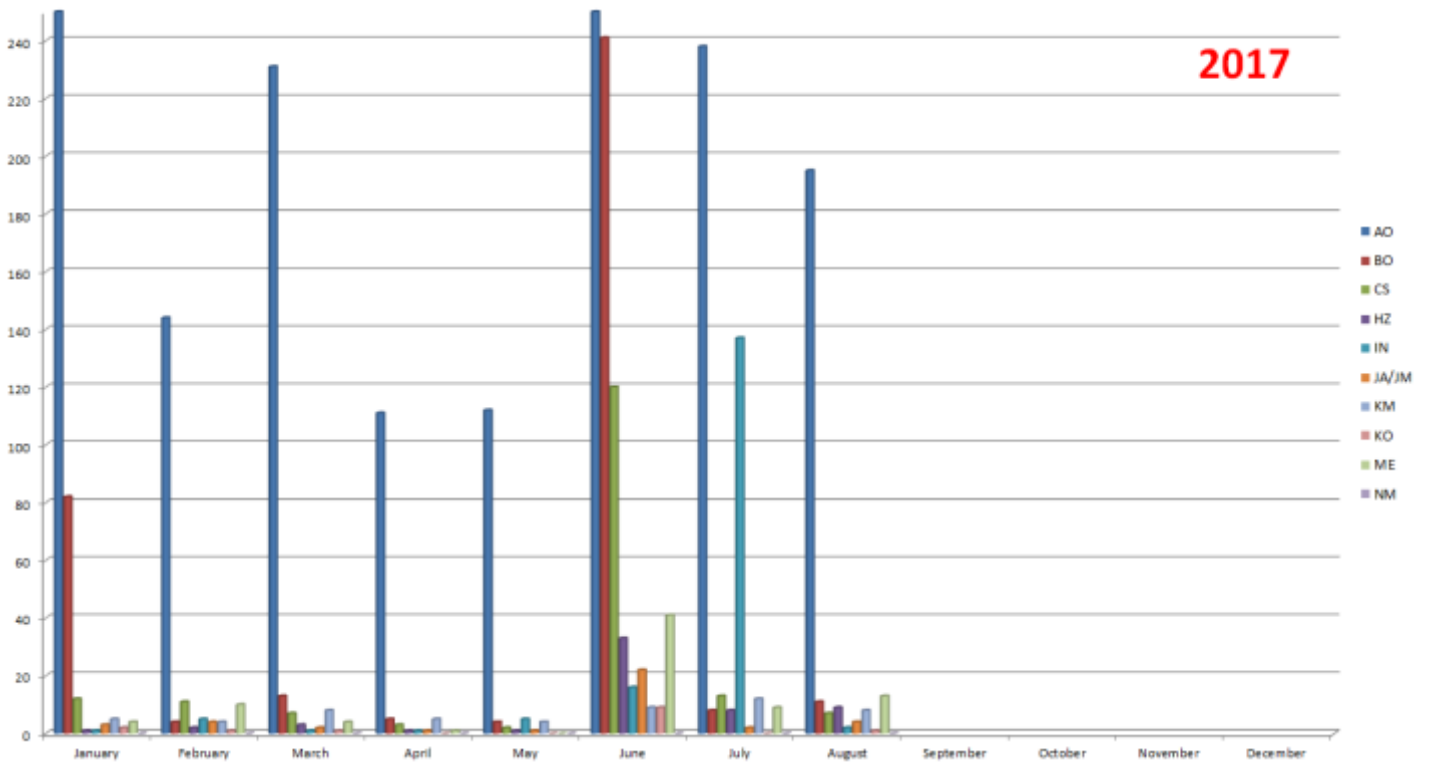
**Percentage of DM and RT files by DAC**



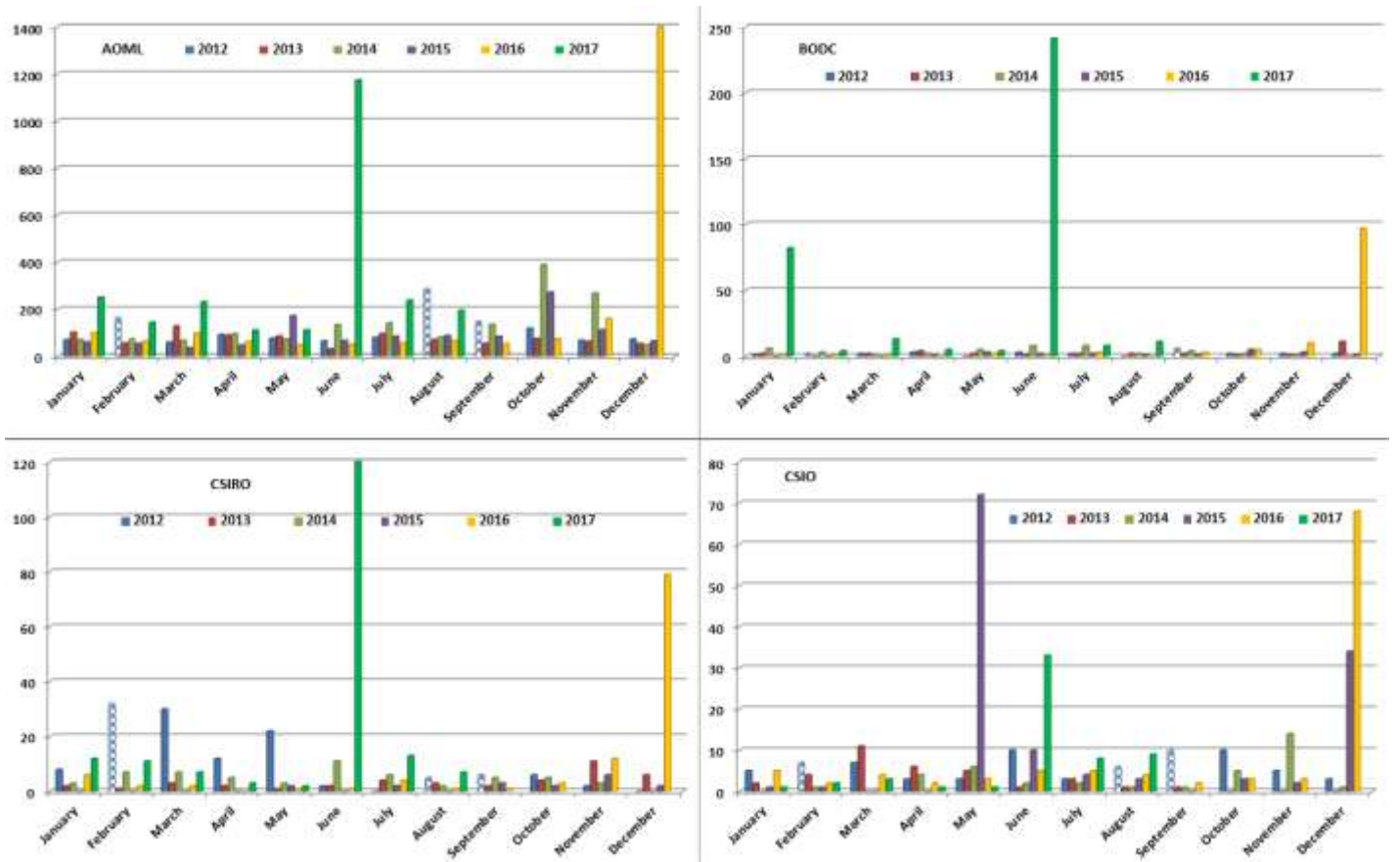
# 15. Statistics on anomalies

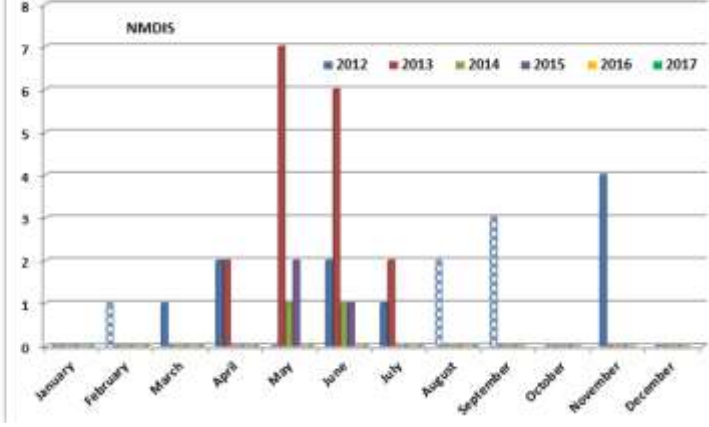
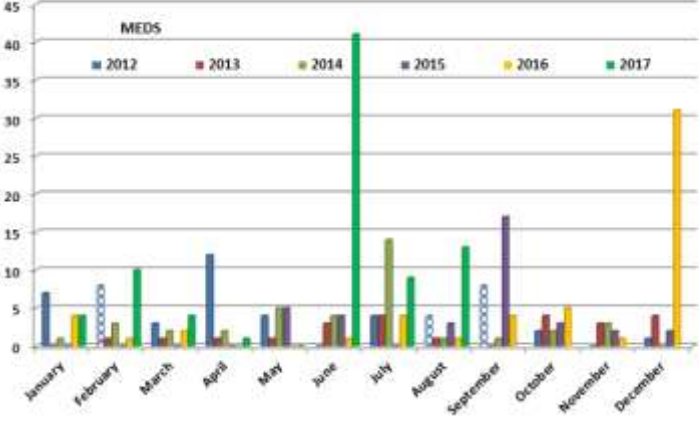
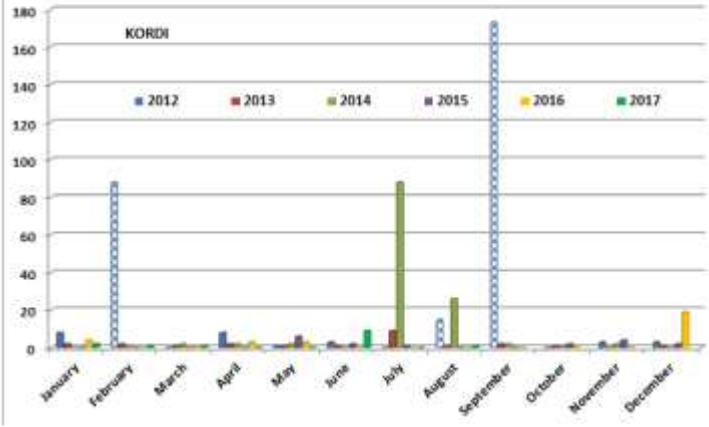
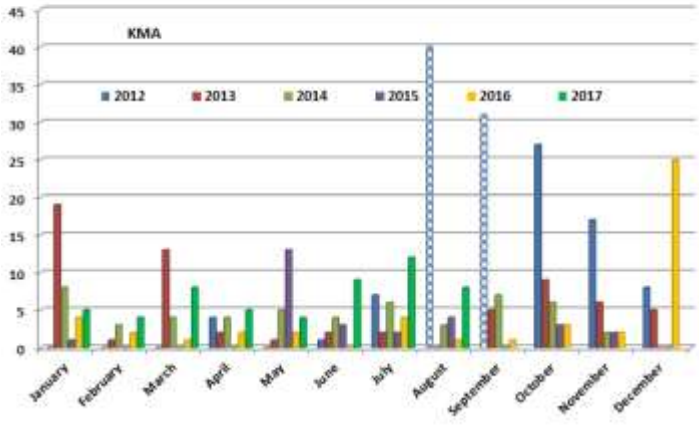
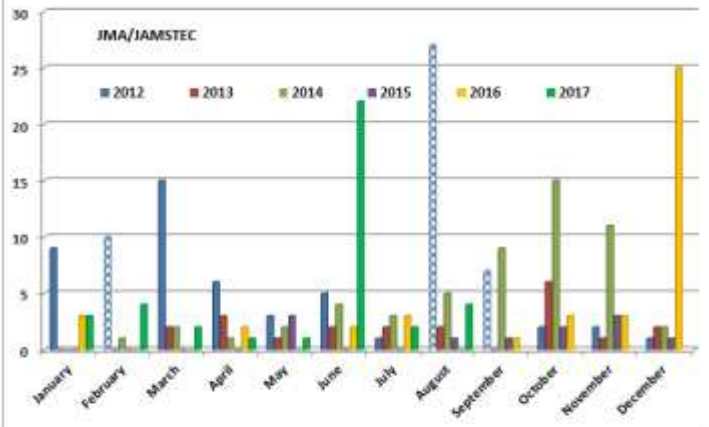
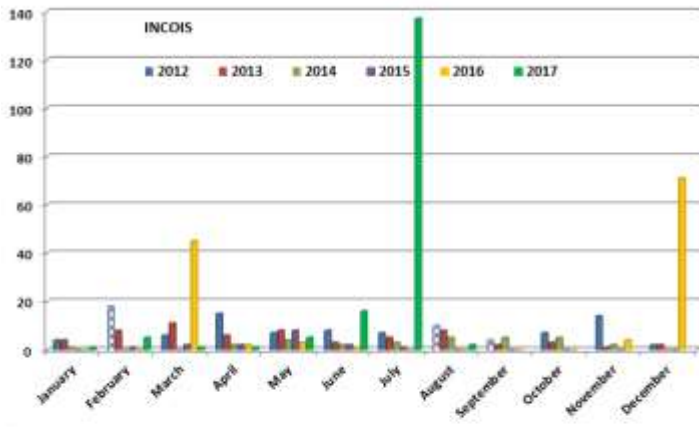
Plots showing evolution of number of anomalies by DAC.

## 15.1. Year



## 15.2. DAC







### 15.3. Anomalies by year, by month

