



# Anomalies on Argo profiles

From warning objective analysis, netcdf file analysis

## Format version

**July 2017**

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**Coriolis**

## **NOTES**

Some DMQC files been submitted for the KORDI DAC.

# Anomalies by DAC

## Summary

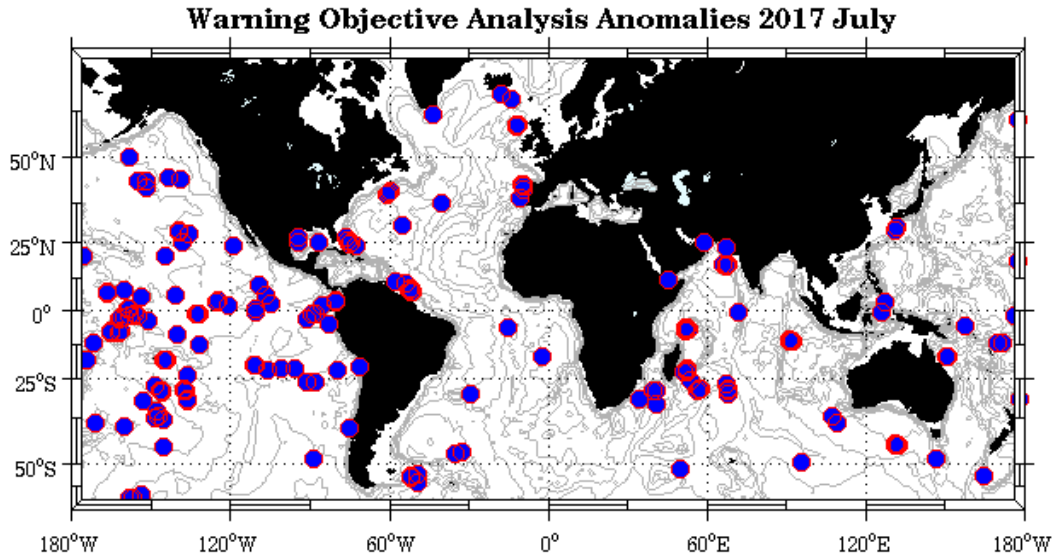
1.	DAC AOML .....	5
2.	DAC BODC .....	26
3.	DAC CSIO .....	29
4.	DAC CSIRO .....	31
5.	DAC INCOIS .....	34
6.	DAC JMA/JAMSTEC .....	40
7.	DAC KMA .....	42
8.	DAC KORDI .....	45
9.	DAC MEDS .....	46
10.	DAC NMDIS .....	48
11.	File anomalies (GDAC – Real time) .....	49
11.1.	AOML .....	49
11.2.	BODC .....	51
11.3.	CORIOLIS .....	54
11.4.	CSIO .....	55
11.5.	CSIRO .....	56
11.6.	INCOIS .....	56
11.7.	JMA .....	57
11.8.	KMA .....	59
11.9.	KORDI .....	59
11.10.	MEDS .....	59
11.11.	NMDIS .....	60
12.	Delayed Mode anomalies (adjusted fields) – date mode = 'A' or 'D' .....	60
12.1.	AOML .....	60
12.2.	BODC .....	60
12.3.	CSIO .....	60
12.4.	CSIRO .....	60
12.5.	INCOIS .....	60
12.6.	JMA/JAMSTEC .....	60
12.7.	KMA .....	60
12.8.	KORDI .....	61

12.9.	NMDIS .....	61
13.	Automatic Tests (June's version) .....	63
14.	Statistics on floats and format version (July2017).....	64
15.	Statistics on anomalies .....	65
15.1.	Year .....	65
15.2.	DAC .....	66
15.3.	Anomalies by year, by month .....	67

# 1. DAC AOML

Profiles detected by the objective analysis: 238 profiles but 2 profiles missing since feedbacks (removal process) (108 floats, but floats can have several cycles with anomalies)

Data_mode ='R'	Data_mode ='A'	Data_mode ='D'
78 cycles	131 cycles	27 cycles



**Status of corrections: Done for few profiles – still bad QC no corrected**  
**In blue: floats with multiprofiles.**

- Float : 1901599 - Cycle : 174 - PI : BRECK OWENS - Data mode : R - Platform type : S2A - WMO inst type : 854 - FLOAT SERIAL : 7050 - Date : 2017 6 18
- Float : 1901654 - Cycle : 141 - PI : BRECK OWENS, STEVE JAYNE, P.E. ROBBINS - Data mode : R - Platform type : SOLO\_W - WMO inst type : 851 - FLOAT SERIAL : 1164 - Date : 2017 7 22
- Float : 1901681 - Cycle : 143 - PI : BRECK OWENS, STEVE JAYNE, P.E. ROBBINS - Data mode : R - Platform type : S2A - WMO inst type : 854 - FLOAT SERIAL : 7082 - Date : 2017 7 10
- Float : 1901732 - Cycle : 34 - PI : BRECK OWENS, STEVEN JAYNE, P.E. ROBBINS - Data mode : R - Platform type : S2A - WMO inst type : 854 - FLOAT SERIAL : 7300 - Date : 2016 7 3
- Float : 1901786 - Cycle : 100 - PI : DEAN ROEMMICH - Data mode : R - Platform type : SOLO\_II - WMO inst type : 853 - FLOAT SERIAL : 8269 - Date : 2017 6 21
- Float : 1901803 - Cycle : 49 - PI : GREGORY C. JOHNSON - Data mode : D - Platform type : NAVIS\_A - WMO inst type : 863 - FLOAT SERIAL : 0498 - Date : 2017 3 12
- Float : 1901803 - Cycle : 50 - PI : GREGORY C. JOHNSON - Data mode : D - Platform type : NAVIS\_A - WMO inst type : 863 - FLOAT SERIAL : 0498 - Date : 2017 3 22
- Float : 1901803 - Cycle : 51 - PI : GREGORY C. JOHNSON - Data mode : D - Platform type : NAVIS\_A - WMO inst type : 863 - FLOAT SERIAL : 0498 - Date : 2017 4 1
- Float : 1901803 - Cycle : 52 - PI : GREGORY C. JOHNSON - Data mode : D - Platform type : NAVIS\_A - WMO inst type : 863 - FLOAT SERIAL : 0498 - Date : 2017 4 11
- Float : 1901803 - Cycle : 53 - PI : GREGORY C. JOHNSON - Data mode : D - Platform type : NAVIS\_A - WMO inst type : 863 - FLOAT SERIAL : 0498 - Date : 2017 4 21
- Float : 1901803 - Cycle : 54 - PI : GREGORY C. JOHNSON - Data mode : D - Platform type : NAVIS\_A - WMO inst type : 863 - FLOAT SERIAL : 0498 - Date : 2017 5 1
- Float : 1901803 - Cycle : 55 - PI : GREGORY C. JOHNSON - Data mode : D - Platform type : NAVIS\_A - WMO inst type : 863 - FLOAT SERIAL : 0498 - Date : 2017 5 11
- Float : 1901803 - Cycle : 56 - PI : GREGORY C. JOHNSON - Data mode : D - Platform type : NAVIS\_A - WMO inst type : 863 - FLOAT SERIAL : 0498 - Date : 2017 5 21
- 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 : 2901466 - Cycle : 297 - PI : CARL SZCZECHOWSKI - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 6763 - Date : 2017 6 29
- Float : 2901466 - Cycle : 299 - PI : CARL SZCZECHOWSKI - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 6763 - Date : 2017 7 7
- Float : 2901466 - Cycle : 304 - PI : CARL SZCZECHOWSKI - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 6763 - Date : 2017 7 27
- Float : 2902040 - Cycle : 204 - PI : CARL SZCZECHOWSKI - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 6802 - Date : 2017 6 26
- Float : 2902060 - Cycle : 149 - PI : CARL SZCZECHOWSKI - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7483 - Date : 2017 7 15
- Float : 2902065 - Cycle : 165 - PI : CARL SZCZECHOWSKI - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7322 - Date : 2017 7 4
- Float : 2902397 - Cycle : 60 - PI : BRECK OWENS, STEVEN JAYNE, P.E. ROBBINS - Data mode : R - Platform type : S2A - WMO inst type : 854 - FLOAT SERIAL : 7339 - Date : 2017 6 24
- Float : 2902402 - Cycle : 88 - PI : CARL SZCZECHOWSKI - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7569 - Date : 2017 3 20
- Float : 2902402 - Cycle : 89 - PI : CARL SZCZECHOWSKI - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7569 - Date : 2017 3 24
- Float : 2902402 - Cycle : 90 - PI : CARL SZCZECHOWSKI - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7569 - Date : 2017 3 28
- Float : 2902402 - Cycle : 110 - PI : CARL SZCZECHOWSKI - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7569 - Date : 2017 6 8
- Float : 2902402 - Cycle : 116 - PI : CARL SZCZECHOWSKI - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7569 - Date : 2017 6 30
- Float : 2902402 - Cycle : 117 - PI : CARL SZCZECHOWSKI - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7569 - Date : 2017 7 4
- Float : 2902402 - Cycle : 119 - PI : CARL SZCZECHOWSKI - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7569 - Date : 2017 7 11
- Float : 2902402 - Cycle : 120 - PI : CARL SZCZECHOWSKI - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7569 - Date : 2017 7 14
- Float : 2902402 - Cycle : 121 - PI : CARL SZCZECHOWSKI - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7569 - Date : 2017 7 18
- Float : 2902402 - Cycle : 122 - PI : CARL SZCZECHOWSKI - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7569 - Date : 2017 7 22
- Float : 2902402 - Cycle : 123 - PI : CARL SZCZECHOWSKI - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7569 - Date : 2017 7 25

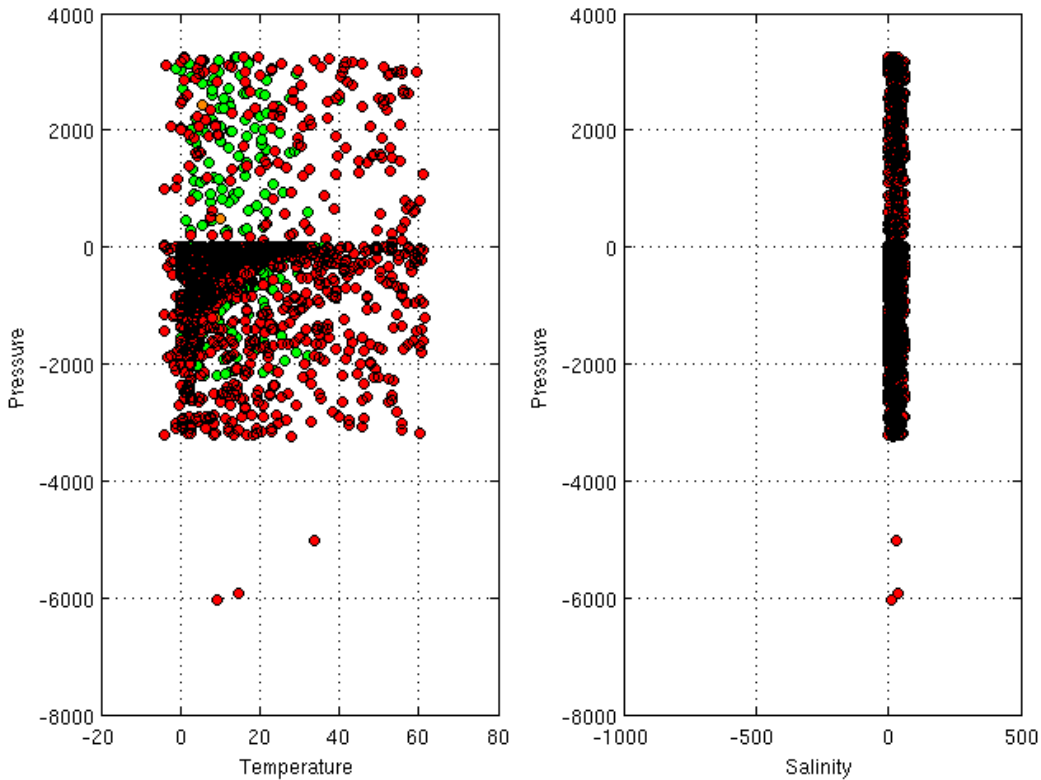








## Warning Objective Analysis Anomalies 2017 July TEMP PSAL - DAC AO



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

AO,1901599,174,28/06/2017 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=52866809> ,PSAL,1.12,96,1,4  
 AO,1901599,174,28/06/2017 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=52866809> ,PSAL,1008,1011.48,1,4  
 AO,1901599,174,28/06/2017 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=52866809> ,PSAL,106.04,477.96,1,3  
 AO,1901599,174,28/06/2017 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=52866809> ,PSAL,484,504,1,3  
 AO,1901599,174,28/06/2017 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=52866809> ,PSAL,521.96,549.96,1,4  
 AO,1901599,174,28/06/2017 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=52866809> ,PSAL,591.96,671.96,1,4  
 AO,1901599,174,28/06/2017 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=52866809> ,PSAL,683.96,700,1,4  
 AO,1901599,174,28/06/2017 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=52866809> ,PSAL,711.96,714,1,4  
 AO,1901599,174,28/06/2017 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=52866809> ,PSAL,719.96,721.96,1,4  
 AO,1901599,174,28/06/2017 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=52866809> ,PSAL,734,736.04,1,4  
 AO,1901599,174,28/06/2017 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=52866809> ,PSAL,742.04,742.04,1,4  
 AO,1901599,174,28/06/2017 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=52866809> ,PSAL,755.96,755.96,1,4  
 AO,1901599,174,28/06/2017 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=52866809> ,PSAL,780.04,780.04,1,4  
 AO,1901599,174,28/06/2017 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=52866809> ,PSAL,816,824.04,1,4  
 AO,1901599,174,28/06/2017 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=52866809> ,PSAL,858,862,1,4  
 AO,1901599,174,28/06/2017 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=52866809> ,PSAL,867.96,874,1,4  
 AO,1901599,174,28/06/2017 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=52866809> ,PSAL,896,902,1,4  
 AO,1901599,174,28/06/2017 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=52866809> ,PSAL,918,930,1,4  
 AO,1901599,174,28/06/2017 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=52866809> ,PSAL,945.96,984.04,1,4  
 AO,1901599,174,28/06/2017 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=52866809> ,PSAL,996,996,1,4  
 AO,1901599,174,28/06/2017 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=52866810> ,PSAL,84,84,1,4  
 AO,1901654,141,23/07/2017 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=53067520> ,PSAL,5,1650,1,3  
 AO,1901681,143,10/07/2017 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=53016753> ,PSAL,146,147.96,1,4  
 AO,1901681,143,10/07/2017 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=53016753> ,PSAL,95.96,98,1,4  
 AO,1901681,143,10/07/2017 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=53016755> ,PSAL,896.56,1025.96,1,3  
 AO,1901681,143,10/07/2017 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=53016755> ,TEMP,896.56,1025.96,1,3  
 AO,1901732,34,08/10/2016 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=44499104> ,PSAL,70,70,1,3  
 AO,1901732,34,08/10/2016 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=44499104> ,TEMP,70,70,1,3  
 AO,1901786,100,02/07/2017 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=52892579> ,PSAL,792.04,893.92,1,4  
 AO,1901786,100,02/07/2017 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=52892579> ,PSAL,900,900,1,4  
 AO,1901786,100,02/07/2017 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=52892579> ,PSAL,906,987.92,1,4  
 AO,1901786,100,02/07/2017 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=52892579> ,PSAL,993.96,993.96,1,4  
 AO,1901803,49,02/06/2017 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=51970141> ,PSAL,4,2004.1,1,3  
 AO,1901803,50,02/06/2017 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=52076514> ,PSAL,4.1,1871.7,1,3  
 AO,1901803,51,02/06/2017 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=52154571> ,PSAL,4.2,2011.2,1,3  
 AO,1901803,52,02/06/2017 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=52262093> ,PSAL,6,2001,1,3  
 AO,1901803,53,02/06/2017 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=52328775> ,PSAL,3,1953.5,4,3  
 AO,1901803,54,02/06/2017 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=52398404> ,PSAL,2.9,2000.2,1,3  
 AO,1901803,55,02/06/2017 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=52484076> ,PSAL,4.1,1969.6,1,3  
 AO,1901803,56,02/06/2017 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=52557155> ,PSAL,4.1,2000.1,1,3  
 AO,1901807,72,19/07/2017 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=53049298> ,PSAL,341.96,347.96,1,3  
 AO,1901807,72,19/07/2017 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=53049298> ,PSAL,356,386.12,1,4









AO,5901897,275,26/05/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=44176663 ,TEMP,233,669.5,1,4  
AO,5901897,275,26/05/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=44176663 ,TEMP,411.4,411.4,1,4  
AO,5901897,277,16/06/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=44353625 ,TEMP,107.8,107.8,1,3  
AO,5901897,277,16/06/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=44353625 ,TEMP,280.3,280.3,1,3  
AO,5901897,284,26/08/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=45041618 ,TEMP,1867.4,1867.4,1,4  
AO,5901897,294,06/12/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=51239230 ,PSAL,-2526,-2526,1,4  
AO,5902078,273,31/05/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=44204260 ,PSAL,0,0,1,4  
AO,5902078,273,31/05/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=44204260 ,PSAL,155.2,155.2,1,4  
AO,5902078,273,31/05/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=44204260 ,TEMP,-1166.8,-1166.8,1,4  
AO,5902078,273,31/05/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=44204260 ,TEMP,0,0,1,4  
AO,5902078,273,31/05/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=44204260 ,TEMP,1600.1,1600.1,1,4  
AO,5902078,283,09/09/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=45164027 ,PSAL,170.5,210.1,1,4  
AO,5902078,283,09/09/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=45164027 ,PSAL,872.1,872.1,1,4  
AO,5902078,283,09/09/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=45164027 ,TEMP,872.1,872.1,1,4  
AO,5902247,217,09/07/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53014246 ,PSAL,1450,1458,1,4  
AO,5902247,217,09/07/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53014246 ,PSAL,1462,1470,1,4  
AO,5902247,217,09/07/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53014246 ,PSAL,1482,1488,1,4  
AO,5902247,217,09/07/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53014246 ,PSAL,1498,1498,1,4  
AO,5902247,217,09/07/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53014246 ,PSAL\_ADJUSTED,1450,1458,1,4  
AO,5902247,217,09/07/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53014246 ,PSAL\_ADJUSTED,1462,1470,1,4  
AO,5902247,217,09/07/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53014246 ,PSAL\_ADJUSTED,1482,1488,1,4  
AO,5902247,217,09/07/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53014246 ,PSAL\_ADJUSTED,1498,1498,1,4  
AO,5902260,224,05/05/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=44012031 ,PSAL,6.2,60.3,1,3  
AO,5902374,100,22/07/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53062246 ,PSAL,.84,4.96,1,3  
AO,5902374,98,11/07/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=52989239 ,PSAL,.76,4.84,1,3  
AO,5902374,99,11/07/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53020094 ,PSAL,.88,4.92,1,3  
AO,5902441,129,11/07/2017 00:00:00,D,http://www.ifremer.fr/co-argoFloats/station?stationId=53019775 ,PSAL,900.9,900.9,1,4  
AO,5902441,129,11/07/2017 00:00:00,D,http://www.ifremer.fr/co-argoFloats/station?stationId=53019775 ,PSAL,968.1,968.1,1,4  
AO,5902441,129,11/07/2017 00:00:00,D,http://www.ifremer.fr/co-argoFloats/station?stationId=53019775 ,PSAL\_ADJUSTED,900.9,900.9,1,4  
AO,5902441,129,11/07/2017 00:00:00,D,http://www.ifremer.fr/co-argoFloats/station?stationId=53019775 ,PSAL\_ADJUSTED,968.1,968.1,1,4  
AO,5902441,129,26/07/2017 00:00:00,D,http://www.ifremer.fr/co-argoFloats/station?stationId=53019775 ,PSAL,900.9,900.9,1,4  
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AO,5902441,129,26/07/2017 00:00:00,D,http://www.ifremer.fr/co-argoFloats/station?stationId=53019775 ,PSAL\_ADJUSTED,900.9,900.9,1,4  
AO,5902441,129,26/07/2017 00:00:00,D,http://www.ifremer.fr/co-argoFloats/station?stationId=53019775 ,PSAL\_ADJUSTED,968.1,968.1,1,4  
AO,5902441,130,26/07/2017 00:00:00,D,http://www.ifremer.fr/co-argoFloats/station?stationId=53076568 ,PSAL,1253.6,1253.6,1,4  
AO,5902441,130,26/07/2017 00:00:00,D,http://www.ifremer.fr/co-argoFloats/station?stationId=53076568 ,PSAL\_ADJUSTED,1253.6,1253.6,1,4  
AO,5902459,23,18/11/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=48097284 ,PSAL,1597.96,1700.08,3,1  
AO,5902459,23,18/11/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=48097284 ,PSAL,1597.96,1709.28,1,1  
AO,5902469,31,13/07/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53025934 ,PSAL,1.08,1.08,1,4  
AO,5902469,31,23/07/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53025934 ,PSAL,1.08,1.08,1,4  
AO,5902495,23,26/06/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=52845239 ,PSAL,1.12,146.04,1,4  
AO,5902495,23,26/06/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=52845239 ,PSAL,163.96,316.04,1,3  
AO,5902495,23,26/06/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=52845239 ,PSAL,325.96,431.96,1,3  
AO,5902495,23,26/06/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=52845239 ,PSAL,438,1985.2,1,3  
AO,5902495,23,26/06/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=52845240 ,PSAL,.76,151.64,1,4  
AO,5902495,23,26/06/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=52845240 ,PSAL,158.28,199.88,4,3  
AO,5902505,23,06/07/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=52944617 ,PSAL,.76,200.24,1,3  
AO,5902505,24,06/07/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53005351 ,PSAL,.84,199.72,1,3  
AO,5902505,24,16/07/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53005351 ,PSAL,.84,199.72,1,3  
AO,5902505,25,16/07/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53039285 ,PSAL,.92,200.12,1,3  
AO,5902505,25,26/07/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53039285 ,PSAL,.92,200.12,1,3  
AO,5902505,26,26/07/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53076575 ,PSAL,.8,199.72,1,3  
AO,5902509,29,07/07/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53005915 ,PSAL,.6,199.96,1,3  
AO,5902511,28,09/07/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=52969099 ,PSAL,.76,199.96,4,3  
AO,5903425,167,14/05/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=44078644 ,PSAL,189.6,189.6,1,3  
AO,5903425,167,14/05/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=44078644 ,PSAL,259.5,259.5,1,3  
AO,5903425,167,14/05/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=44078644 ,PSAL,90.4,90.4,1,3  
AO,5903435,128,13/06/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=44326824 ,PSAL,-128.7,-128.7,1,4  
AO,5903435,128,13/06/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=44326824 ,PSAL,199.3,199.3,1,4  
AO,5903435,128,13/06/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=44326824 ,TEMP,-1433.9,-1433.9,1,4  
AO,5903435,128,13/06/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=44326824 ,TEMP,-602.9,-602.9,1,4  
AO,5903435,128,13/06/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=44326824 ,TEMP,0,0,1,4  
AO,5903435,128,13/06/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=44326824 ,TEMP,199.3,199.3,1,4  
AO,5903435,128,13/06/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=44326824 ,TEMP,289.4,289.4,1,3  
AO,5903435,128,13/06/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=44326824 ,TEMP,496.8,496.8,1,4  
AO,5903558,194,18/05/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=44917216 ,PSAL,2.8,833.7,1,4  
AO,5903558,196,18/05/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=45188515 ,PSAL,198,699.5,1,4  
AO,5903558,197,18/05/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=45188516 ,PSAL,2.8,714.1,1,4  
AO,5903558,198,18/05/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=45283383 ,PSAL,4.5,685.4,1,4  
AO,5903568,211,05/07/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53002439 ,TEMP,-.3,-.3,1,3,4  
AO,5903568,211,05/07/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53002439 ,TEMP\_ADJUSTED,-.3,-.3,1,3,4  
AO,5903598,170,15/07/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=44618822 ,PSAL,218.6,234.1,1,4  
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AO,5903598,170,15/07/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=44618822 ,TEMP,1747.6,1748.9,1,3  
AO,5903598,170,15/07/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=44618822 ,TEMP,218.6,218.6,1,4  
AO,5903598,172,04/08/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=44831108 ,PSAL,1544.7,1544.7,1,4  
AO,5903598,172,04/08/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=44831108 ,PSAL,229.9,229.9,1,3  
AO,5903598,172,04/08/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=44831108 ,TEMP,1552.4,1552.4,1,4





















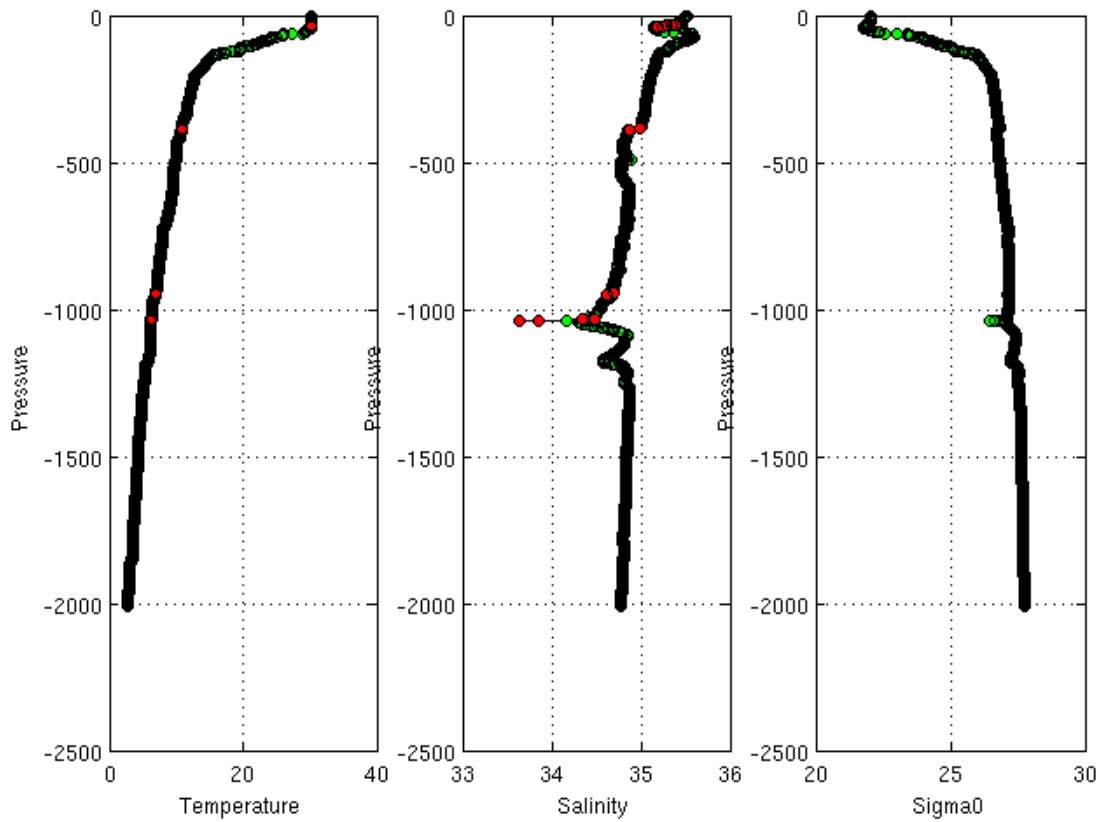
AO,7900663,82,14/07/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53028748 ,PSAL,.72,.72,1,3  
AO,7900663,82,24/07/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53028747 ,PSAL,1.08,162.04,1,3  
AO,7900663,82,24/07/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53028747 ,PSAL,168.04,2003.08,1,3  
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AO,7900664,57,16/11/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=45668939 ,PSAL,132,138,1,1  
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AO,7900664,57,16/11/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=45668939 ,PSAL,210,237.96,3,1  
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AO,7900665,77,04/06/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=52596393 ,PSAL,1.16,110,1,4  
AO,7900665,77,04/06/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=52596393 ,PSAL,118,136,1,4  
AO,7900665,77,04/06/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=52596393 ,PSAL,142,170,1,4  
AO,7900665,77,04/06/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=52596393 ,PSAL,178,212.04,1,4  
AO,7900665,77,04/06/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=52596393 ,PSAL,217.96,286,1,4  
AO,7900665,77,04/06/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=52596393 ,PSAL,291.96,806,1,4  
AO,7900676,21,10/11/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=45618011 ,TEMP,202,204,1,1  
AO,7900676,21,10/11/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=45618011 ,TEMP,202,204,3,1  
AO,7900676,22,20/11/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=48799990 ,TEMP,1.12,501.96,3,1  
AO,7900676,26,31/12/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=51359276 ,PSAL,122,128,1,1  
AO,7900676,26,31/12/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=51359276 ,PSAL,122,128,3,1  
AO,7900676,26,31/12/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=51359276 ,PSAL,166,169.96,1,1  
AO,7900676,26,31/12/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=51359276 ,PSAL,166,169.96,3,1  
AO,7900676,26,31/12/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=51359276 ,PSAL,183.96,186,1,1  
AO,7900676,26,31/12/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=51359276 ,PSAL,183.96,186,3,1  
AO,7900676,26,31/12/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=51359276 ,PSAL,250.04,253.96,1,1  
AO,7900676,26,31/12/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=51359276 ,PSAL,250.04,253.96,3,1  
AO,7900676,26,31/12/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=51359276 ,PSAL,330.04,336,1,1  
AO,7900676,26,31/12/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=51359276 ,PSAL,330.04,336,3,1  
AO,7900676,26,31/12/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=51359276 ,PSAL,354.04,359.96,1,1  
AO,7900676,26,31/12/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=51359276 ,PSAL,354.04,359.96,3,1  
AO,7900676,26,31/12/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=51359276 ,TEMP,120,133.96,1,1  
AO,7900676,26,31/12/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=51359276 ,TEMP,120,133.96,3,1  
AO,7900676,26,31/12/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=51359276 ,TEMP,162,195.96,1,1  
AO,7900676,26,31/12/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=51359276 ,TEMP,162,195.96,3,1  
AO,7900676,26,31/12/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=51359276 ,TEMP,248,253.96,1,1  
AO,7900676,26,31/12/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=51359276 ,TEMP,248,253.96,3,1  
AO,7900676,26,31/12/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=51359276 ,TEMP,333.96,340,1,1  
AO,7900676,26,31/12/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=51359276 ,TEMP,333.96,340,3,1  
AO,7900676,26,31/12/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=51359276 ,TEMP,359.96,369.96,1,1  
AO,7900676,26,31/12/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=51359276 ,TEMP,359.96,369.96,3,1

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

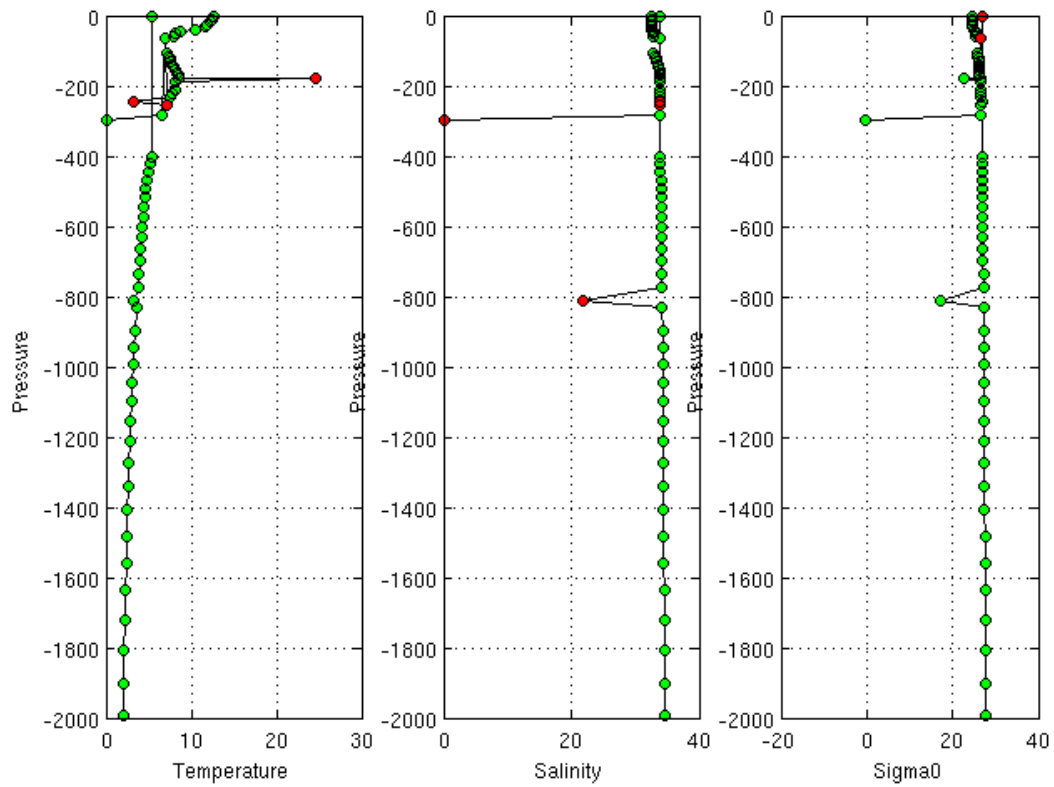
Example of corrections:



Warning Objective Analysis Anomalies 2017 July TEMP PSAL : DAC AO- Float 2902397-60



Warning Objective Analysis Anomalies 2017 July TEMP PSAL : DAC AO- Float 4901435-198

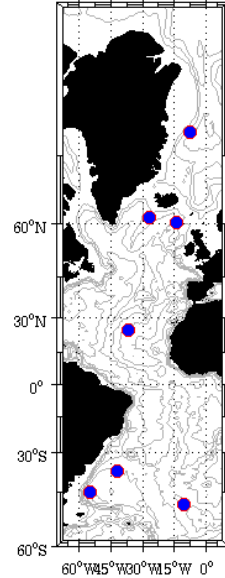


## 2. DAC BODC

Profiles detected by the objective analysis: 8 profiles (7 floats – float can have several cycles with anomalies)

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

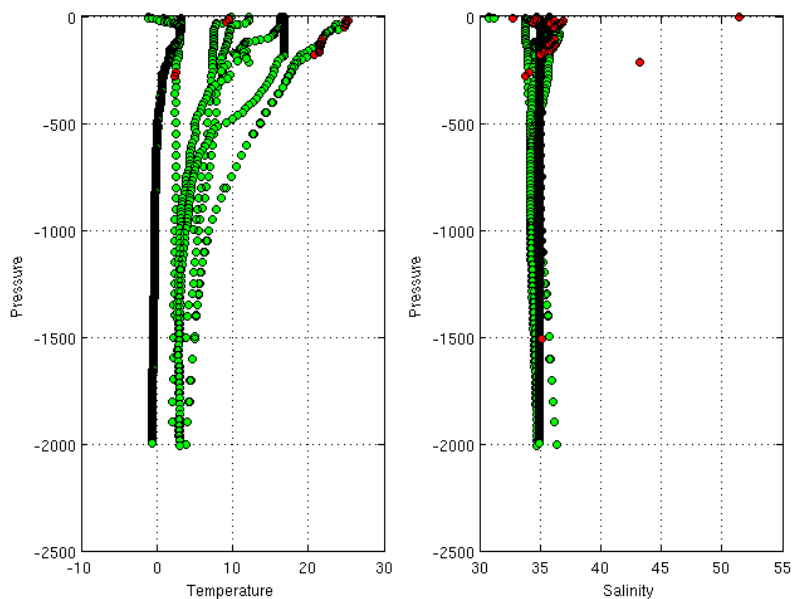
### Warning Objective Analysis Anomalies 2017 July



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

Float : 3901529 - Cycle : 27 - PI : Jon Turton - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7586 - Date : 2017 7 15  
 Float : 3901893 - Cycle : 28 - PI : Josep Lluís Pelegrí - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : AI2600-16FR056 - Date : 2017 7 24  
 Float : 3901894 - Cycle : 27 - PI : Josep Lluís Pelegrí - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : AI2600-16FR057 - Date : 2017 7 14  
 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 : 213 - PI : Jon Turton - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 3908 - Date : 2017 7 21  
 Float : 6901131 - Cycle : 186 - PI : Jon Turton - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 6235 - Date : 2017 7 6  
 Float : 6901189 - Cycle : 39 - PI : Jon Turton - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7575 - Date : 2017 6 28  
 Float : 6901202 - Cycle : 6 - PI : Jon Turton - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 8073 - Date : 2017 7 13

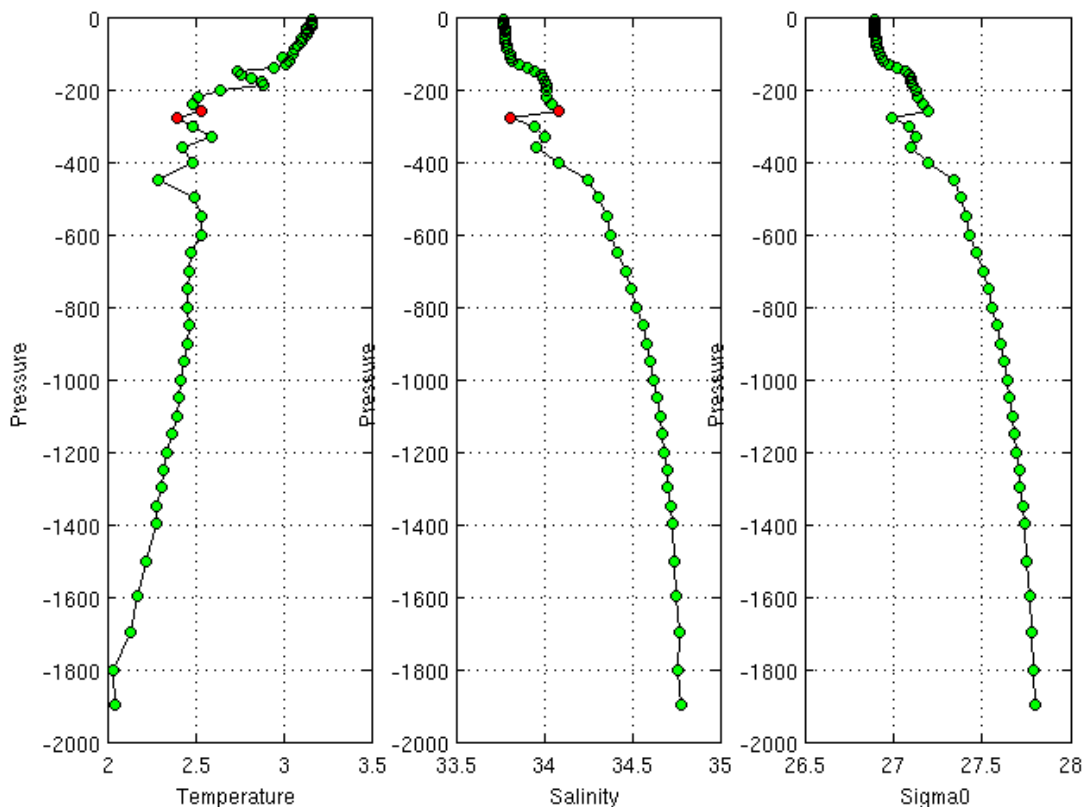
### Warning Objective Analysis Anomalies 2017 July TEMP PSAL - DAC BO



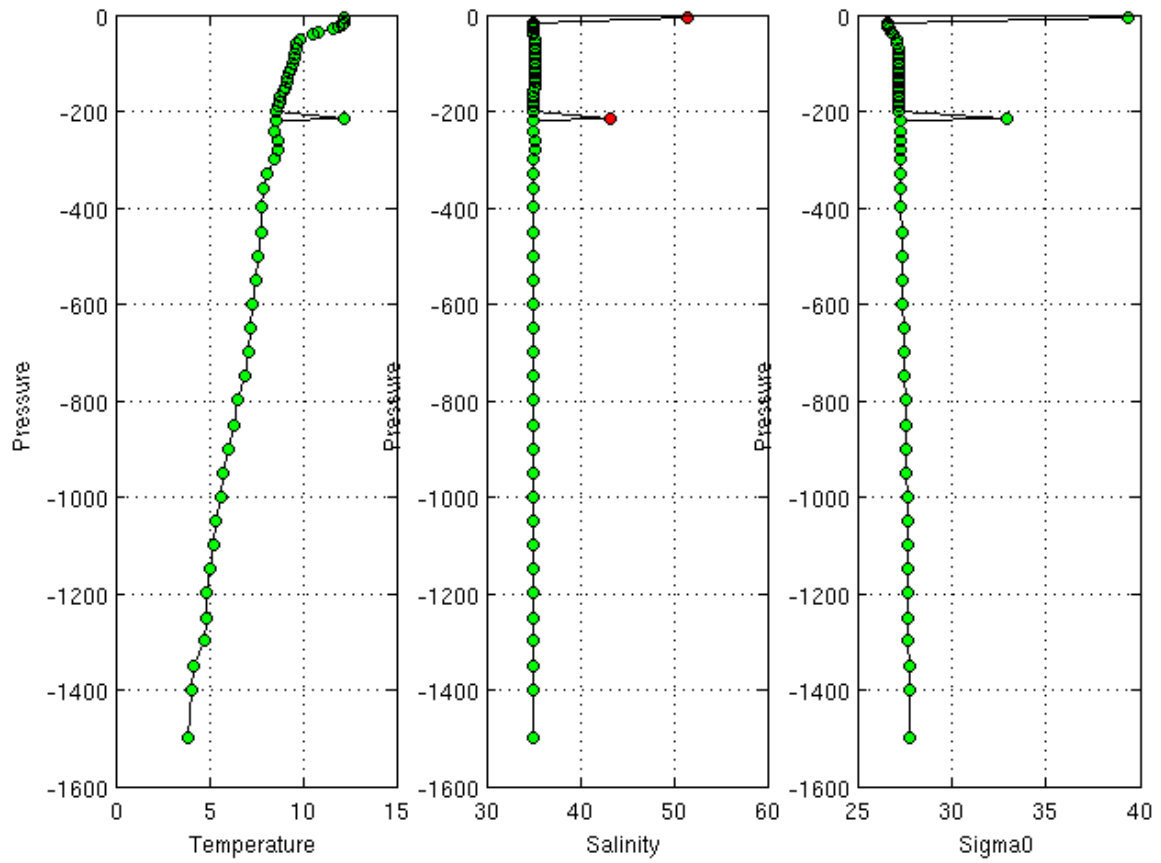
DAC\_CODE,PLATFORM\_CODE,CV\_NUMBER,DATE\_UPDATE,DIRECTION,WEB\_URL,PARAMETER,START\_IMMERSION,STOP\_IMMERSION,OLD\_QC,NEW\_QC  
BO,3901529,27,15/07/2017 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=53036082> ,PSAL,300.4,400.2,1,3  
BO,3901529,27,15/07/2017 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=53036082> ,PSAL\_ADJUSTED,300.4,400.2,1,3  
BO,3901893,28,24/07/2017 00:00:00,D,<http://www.ifremer.fr/co-argoFloats/station?stationId=53070389> ,PSAL,183.8,965.6,1,3  
BO,3901894,27,14/07/2017 00:00:00,D,<http://www.ifremer.fr/co-argoFloats/station?stationId=53028668> ,PSAL,135.4,151.3,1,3  
BO,3901894,27,14/07/2017 00:00:00,D,<http://www.ifremer.fr/co-argoFloats/station?stationId=53028668> ,PSAL,214.9,231.7,1,3  
BO,3901894,27,14/07/2017 00:00:00,D,<http://www.ifremer.fr/co-argoFloats/station?stationId=53028668> ,PSAL,327.5,327.5,1,3  
BO,3901894,27,14/07/2017 00:00:00,D,<http://www.ifremer.fr/co-argoFloats/station?stationId=53028668> ,PSAL,375.3,981.3,1,3  
BO,3901894,27,14/07/2017 00:00:00,D,<http://www.ifremer.fr/co-argoFloats/station?stationId=53028668> ,PSAL,71.8,71.8,1,3  
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\_ADJUSTED,140.5,150.3,1,4  
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,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,6901131,186,07/07/2017 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=53005934> ,PSAL,4.5,8,1,3  
BO,6901189,39,28/06/2017 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=52968801> ,PSAL,30.5,30.5,1,4  
BO,6901189,39,28/06/2017 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=52968801> ,PSAL\_ADJUSTED,30.5,30.5,1,4  
BO,6901202,6,14/07/2017 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=53026063> ,TEMP,214.8,214.8,1,4  
BO,6901202,6,14/07/2017 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=53026063> ,TEMP\_ADJUSTED,214.8,214.8,1,4

Example of corrections:

**Warning Objective Analysis Anomalies 2017 July TEMP PSAL : DAC BO- Float 3901529-27**



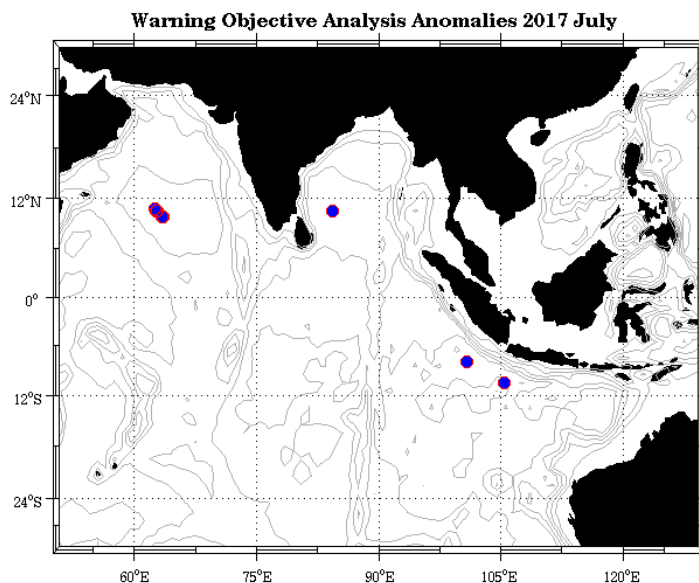
Warning Objective Analysis Anomalies 2017 July TEMP PSAL : DAC BO- Float 6901202-6



### 3. DAC CSIO

Profiles detected by the objective analysis: 8 profiles (5 floats – float can have several cycles with anomalies)

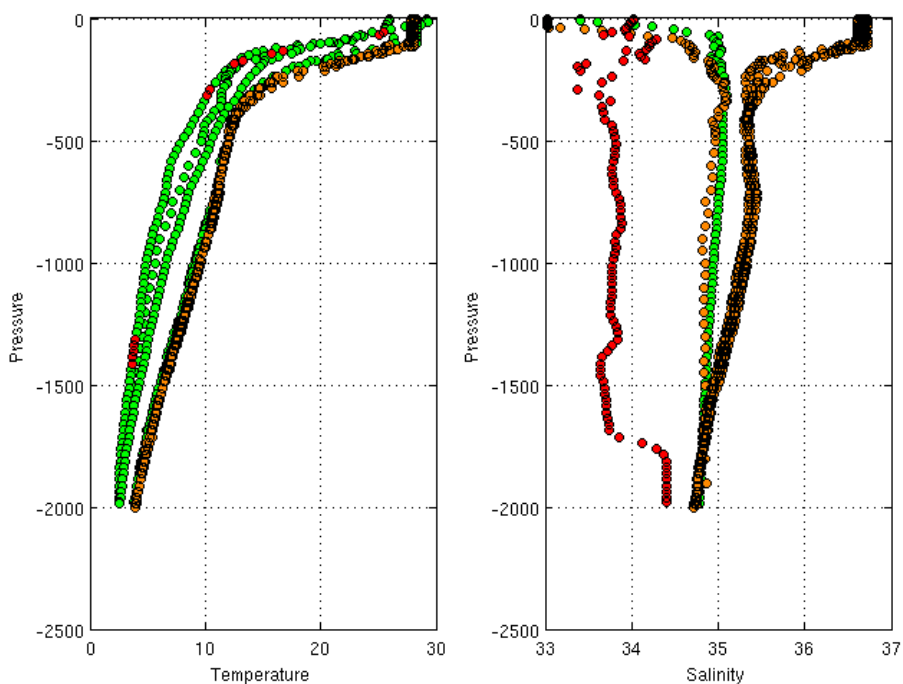
Data_mode = 'R'	Data_mode = 'A'	Data_mode = 'D'
0 cycle	8 cycles	0 cycle



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

Float : 2901595 - Cycle : 176 - PI : ZENGHONG LIU - Data mode : A - Platform type : PROVOR - WMO inst type : 841 - FLOAT SERIAL : OIN-10CH-CTS31-17 - Date : 2016 11 10  
 Float : 2902557 - Cycle : 127 - PI : ZENGHONG LIU - Data mode : A - Platform type : PROVOR - WMO inst type : 841 - FLOAT SERIAL : OIN-12-CH1-S31-3 - Date : 2017 7 9  
 Float : 2902557 - Cycle : 128 - PI : ZENGHONG LIU - Data mode : A - Platform type : PROVOR - WMO inst type : 841 - FLOAT SERIAL : OIN-12-CH1-S31-3 - Date : 2017 7 20  
 Float : 2902558 - Cycle : 128 - PI : ZENGHONG LIU - Data mode : A - Platform type : PROVOR - WMO inst type : 841 - FLOAT SERIAL : OIN-12-CH1-S31-4 - Date : 2017 7 2  
 Float : 2902558 - Cycle : 129 - PI : ZENGHONG LIU - Data mode : A - Platform type : PROVOR - WMO inst type : 841 - FLOAT SERIAL : OIN-12-CH1-S31-4 - Date : 2017 7 12  
 Float : 2902558 - Cycle : 130 - PI : ZENGHONG LIU - Data mode : A - Platform type : PROVOR - WMO inst type : 841 - FLOAT SERIAL : OIN-12-CH1-S31-4 - Date : 2017 7 23  
 Float : 2902574 - Cycle : 132 - PI : ZENGHONG LIU - Data mode : A - Platform type : PROVOR - WMO inst type : 841 - FLOAT SERIAL : OIN-12-CH1-S3-22 - Date : 2017 7 26  
 Float : 2902689 - Cycle : 35 - PI : Ju Chen - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7821 - Date : 2017 7 20

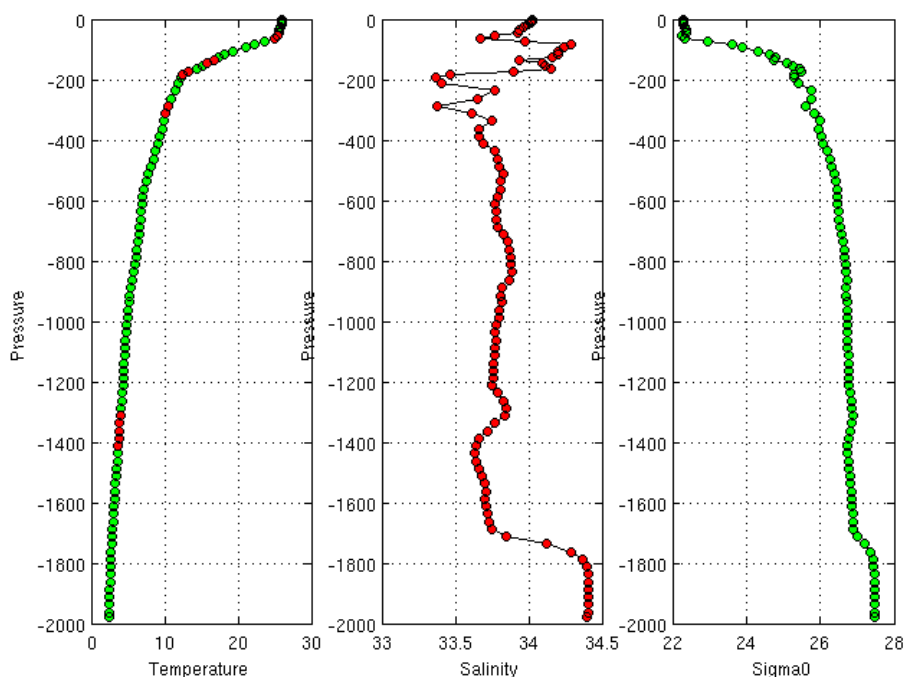
**Warning Objective Analysis Anomalies 2017 July TEMP PSAL - DAC HZ**



DAC\_CODE,PLATFORM\_CODE,CV\_NUMBER,DATE\_UPDATE,DIRECTION,WEB\_URL,PARAMETER,START\_IMMERSION,STOP\_IMMERSION,OLD\_QC,NEW\_QC  
 HZ,2901595,176,11/11/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=49571607 ,PSAL,3,3,1,3  
 HZ,2901595,176,11/11/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=49571607 ,TEMP,3,3,1,3  
 HZ,2902557,127,10/07/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53016995 ,PSAL,1,1982,1,3  
 HZ,2902557,127,10/07/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53016995 ,PSAL\_ADJUSTED,1,1982,1,3  
 HZ,2902557,127,10/07/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53016995 ,TEMP,1,1982,1,3  
 HZ,2902557,127,10/07/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53016995 ,TEMP\_ADJUSTED,1,1982,1,3  
 HZ,2902557,128,20/07/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53054830 ,PSAL,1,1989,1,3  
 HZ,2902557,128,20/07/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53054830 ,PSAL\_ADJUSTED,1,1989,1,3  
 HZ,2902557,128,20/07/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53054830 ,TEMP,1,1989,1,3  
 HZ,2902557,128,20/07/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53054830 ,TEMP\_ADJUSTED,1,1989,1,3  
 HZ,2902558,128,03/07/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=52995125 ,PSAL,1,2005,1,3  
 HZ,2902558,128,03/07/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=52995125 ,PSAL\_ADJUSTED,1,2005,1,3  
 HZ,2902558,128,03/07/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=52995125 ,TEMP,1,2005,1,3  
 HZ,2902558,128,03/07/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=52995125 ,TEMP\_ADJUSTED,1,2005,1,3  
 HZ,2902558,129,13/07/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53025800 ,PSAL,1,1985,1,3  
 HZ,2902558,129,13/07/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53025800 ,PSAL\_ADJUSTED,1,1985,1,3  
 HZ,2902558,129,13/07/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53025800 ,TEMP,1,1985,1,3  
 HZ,2902558,129,13/07/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53025800 ,TEMP\_ADJUSTED,1,1985,1,3  
 HZ,2902558,130,23/07/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53067793 ,PSAL,1,1976,1,3  
 HZ,2902558,130,23/07/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53067793 ,PSAL\_ADJUSTED,1,1976,1,3  
 HZ,2902558,130,23/07/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53067793 ,TEMP,1,1976,1,3  
 HZ,2902558,130,23/07/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53067793 ,TEMP\_ADJUSTED,1,1976,1,3  
 HZ,2902574,132,27/07/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53080692 ,PSAL,1,46,1,3  
 HZ,2902574,132,27/07/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53080692 ,PSAL,1438,1978,1,3  
 HZ,2902574,132,27/07/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53080692 ,PSAL,156,166,1,3  
 HZ,2902574,132,27/07/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53080692 ,PSAL,195,263,1,3  
 HZ,2902574,132,27/07/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53080692 ,PSAL,338,1288,1,3  
 HZ,2902574,132,27/07/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53080692 ,PSAL,75,126,1,3  
 HZ,2902574,132,27/07/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53080692 ,PSAL\_ADJUSTED,1,46,1,3  
 HZ,2902574,132,27/07/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53080692 ,PSAL\_ADJUSTED,1438,1978,1,3  
 HZ,2902574,132,27/07/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53080692 ,PSAL\_ADJUSTED,156,166,1,3  
 HZ,2902574,132,27/07/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53080692 ,PSAL\_ADJUSTED,195,263,1,3  
 HZ,2902574,132,27/07/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53080692 ,PSAL\_ADJUSTED,338,1288,1,3  
 HZ,2902574,132,27/07/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53080692 ,PSAL\_ADJUSTED,75,126,1,3  
 HZ,2902689,35,22/07/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53064983 ,PSAL,4.6,1900.3,1,3  
 HZ,2902689,35,22/07/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53064983 ,PSAL\_ADJUSTED,380.4,1900.3,1,3  
 HZ,2902689,35,22/07/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53064983 ,PSAL\_ADJUSTED,4.6,250.3,1,3

Example of corrections:

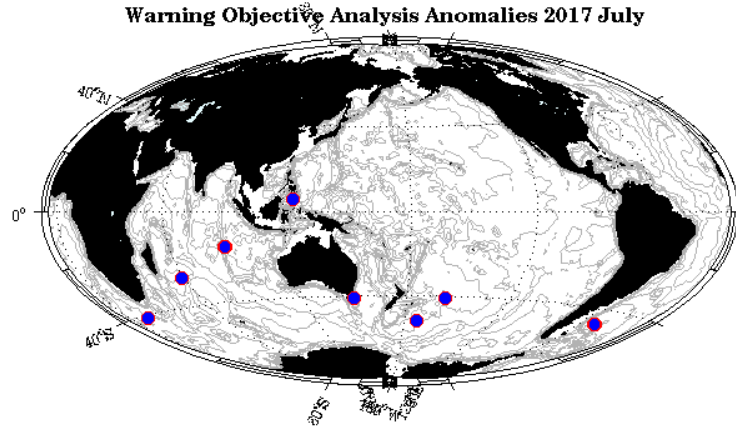
**Warning Objective Analysis Anomalies 2017 July TEMP PSAL : DAC HZ- Float 2902574-132**



## 4. DAC CSIRO

Profiles detected by the objective analysis: 13 profiles (8 floats – float can have several cycles with anomalies)

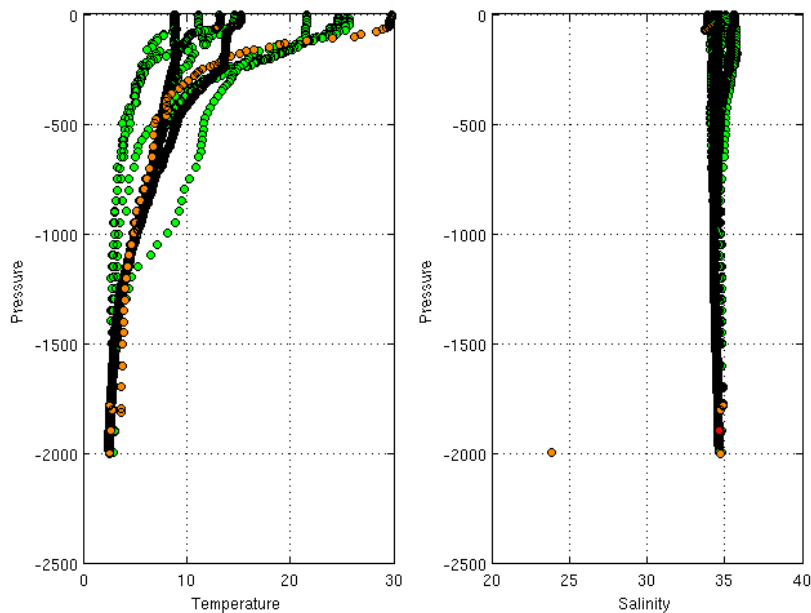
Data_mode ='R'	Data_mode ='A'	Data_mode ='D'
0 cycle	13cycles	0 cycle



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

Float : 1901324 - Cycle : 199 - PI : Susan Wijffels - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 5466 - Date : 2016 12 1  
 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 : 5901690 - Cycle : 316 - PI : Susan Wijffels - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 4078 - Date : 2017 7 14  
 Float : 5903252 - Cycle : 270 - PI : Susan Wijffels - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 4715 - Date : 2017 7 7  
 Float : 5903252 - Cycle : 271 - PI : Susan Wijffels - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 4715 - Date : 2017 7 17  
 Float : 5903914 - Cycle : 203 - PI : Susan Wijffels - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 5478 - Date : 2017 6 13  
 Float : 5903914 - Cycle : 204 - PI : Susan Wijffels - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 5478 - Date : 2017 6 23  
 Float : 5903914 - Cycle : 205 - PI : Susan Wijffels - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 5478 - Date : 2017 7 3  
 Float : 5903914 - Cycle : 206 - PI : Susan Wijffels - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 5478 - Date : 2017 7 13  
 Float : 5903914 - Cycle : 207 - PI : Susan Wijffels - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 5478 - Date : 2017 7 23  
 Float : 5903926 - Cycle : 205 - PI : Susan Wijffels - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 5940 - Date : 2017 6 28  
 Float : 5904266 - Cycle : 135 - PI : Susan Wijffels - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 6557 - Date : 2017 7 11  
 Float : 5905167 - Cycle : 380 - PI : Susan Wijffels - Data mode : A - Platform type : NAVIS\_A - WMO inst type : 863 - FLOAT SERIAL : 389 - Date : 2017 7 9

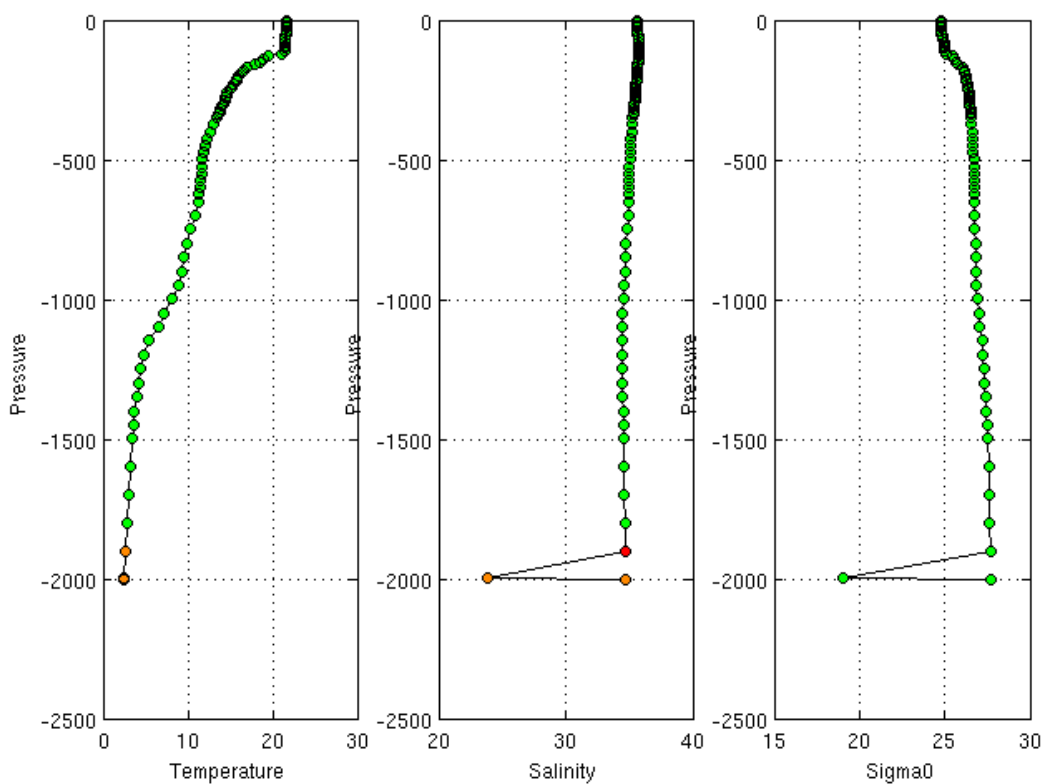
**Warning Objective Analysis Anomalies 2017 July TEMP PSAL - DAC CS**



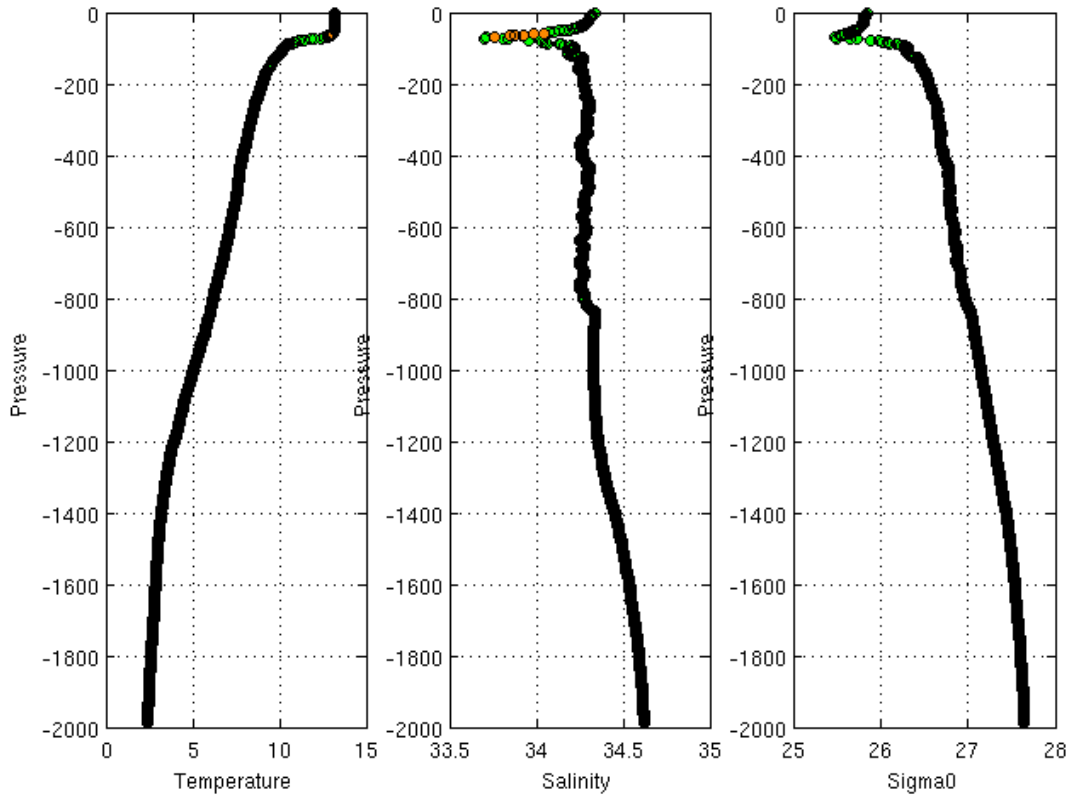
CS,1901324,199,04/12/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=51222213 ,PSAL,138.6,138.6,1,3  
 CS,5901671,319,26/07/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53077536 ,PSAL,1999.7,1999.7,3,4  
 CS,5901671,319,26/07/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53077536 ,PSAL\_ADJUSTED,1999.7,1999.7,3,4  
 CS,5901690,316,17/07/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53033106 ,PSAL,5.6,1813.3,1,3  
 CS,5901690,316,17/07/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53033106 ,PSAL\_ADJUSTED,5.6,1813.3,1,3  
 CS,5903252,270,10/07/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53011183 ,PSAL\_ADJUSTED,4.6,1899.6,1,3  
 CS,5903252,271,18/07/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53042862 ,PSAL\_ADJUSTED,4.2,1998.2,1,3  
 CS,5903914,203,16/06/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=52826529 ,PSAL,20.3,1775.1,1,3  
 CS,5903914,204,26/06/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=52938579 ,PSAL,20.2,1700.2,1,3  
 CS,5903914,205,06/07/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=52999548 ,PSAL,20.5,1700.1,1,3  
 CS,5903914,206,16/07/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53028821 ,PSAL,19.9,1781.5,1,3  
 CS,5903914,207,26/07/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53070697 ,PSAL,19.8,1771.6,1,3  
 CS,5903926,205,28/06/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=52968553 ,PSAL,4.2,846.3,4  
 CS,5903926,205,28/06/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=52968553 ,PSAL\_ADJUSTED,4.2,844.3,4  
 CS,5904266,135,11/07/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53019722 ,PSAL,4.2,1995.1,1,3  
 CS,5904266,135,11/07/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53019722 ,PSAL\_ADJUSTED,4.2,1995.1,1,3  
 CS,5904266,135,11/07/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53019722 ,TEMP,4.2,1995.1,1,3  
 CS,5904266,135,11/07/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53019722 ,TEMP\_ADJUSTED,4.2,1995.1,1,3  
 CS,5905167,380,09/07/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53014330 ,PSAL,4.1,987.9,1,3

Example of corrections:

**Warning Objective Analysis Anomalies 2017 July TEMP PSAL : DAC CS- Float 5901671-319**





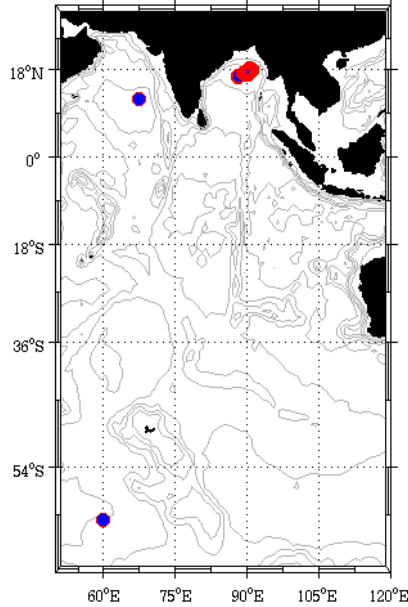


## 5. DAC INCOIS

Profiles detected by the objective analysis: 137 profiles (9 floats – float can have several cycles with anomalies)

Data_mode ='R'	Data_mode ='A'	Data_mode ='D'
0 cycle	137 cycles	0 cycle

**Warning Objective Analysis Anomalies 2017 July**



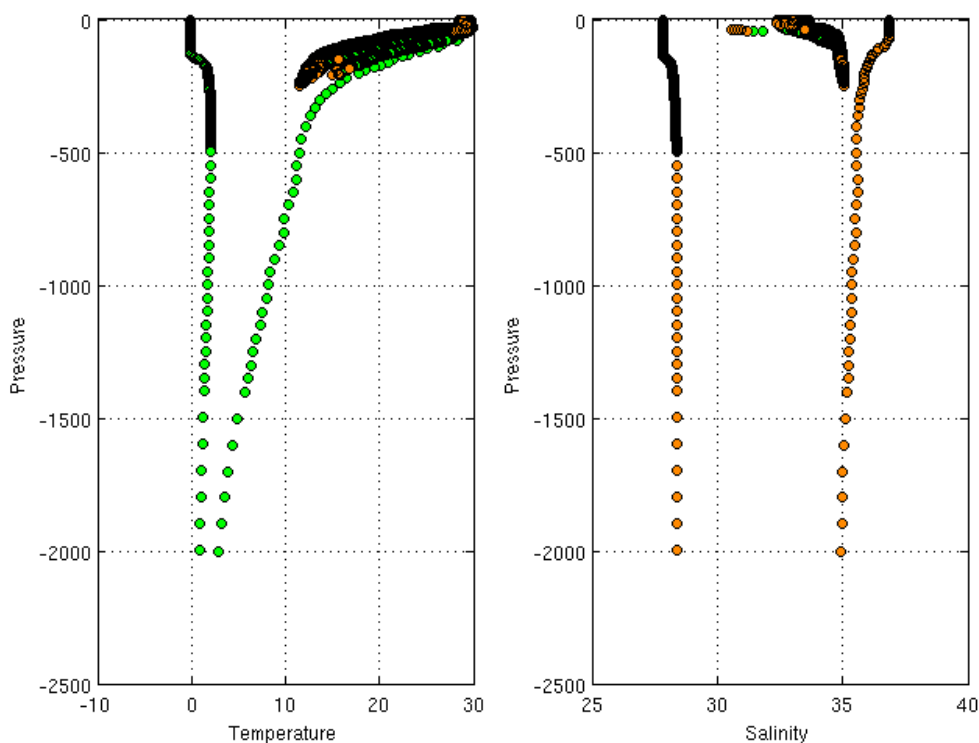
**Status of corrections: Correction done on APEX (updated by Coriolis on GDAC when Provior floats) – Error on TEMP\_ADJUSTED in data\_mode='A', floats have been re-decoded and re-submitted at the end of July**

Float : 2902164 - Cycle : 92 - PI : M Ravichandran - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7093 - Date : 2017 7 4  
 Float : 2902198 - Cycle : 51 - PI : M Ravichandran - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7544 - Date : 2017 7 18  
 Float : 2902229 - Cycle : 5 - PI : M Ravichandran - Data mode : A - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 17001 - Date : 2017 6 13  
 Float : 2902229 - Cycle : 6 - PI : M Ravichandran - Data mode : A - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 17001 - Date : 2017 6 14  
 Float : 2902229 - Cycle : 7 - PI : M Ravichandran - Data mode : A - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 17001 - Date : 2017 6 14  
 Float : 2902229 - Cycle : 8 - PI : M Ravichandran - Data mode : A - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 17001 - Date : 2017 6 14  
 Float : 2902229 - Cycle : 9 - PI : M Ravichandran - Data mode : A - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 17001 - Date : 2017 6 14  
 Float : 2902229 - Cycle : 11 - PI : M Ravichandran - Data mode : A - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 17001 - Date : 2017 6 14  
 Float : 2902229 - Cycle : 14 - PI : M Ravichandran - Data mode : A - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 17001 - Date : 2017 6 15  
 Float : 2902229 - Cycle : 15 - PI : M Ravichandran - Data mode : A - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 17001 - Date : 2017 6 15  
 Float : 2902229 - Cycle : 16 - PI : M Ravichandran - Data mode : A - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 17001 - Date : 2017 6 15  
 Float : 2902229 - Cycle : 17 - PI : M Ravichandran - Data mode : A - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 17001 - Date : 2017 6 15  
 Float : 2902229 - Cycle : 18 - PI : M Ravichandran - Data mode : A - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 17001 - Date : 2017 6 16  
 Float : 2902229 - Cycle : 19 - PI : M Ravichandran - Data mode : A - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 17001 - Date : 2017 6 16  
 Float : 2902229 - Cycle : 20 - PI : M Ravichandran - Data mode : A - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 17001 - Date : 2017 6 16  
 Float : 2902229 - Cycle : 22 - PI : M Ravichandran - Data mode : A - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 17001 - Date : 2017 6 16  
 Float : 2902229 - Cycle : 23 - PI : M Ravichandran - Data mode : A - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 17001 - Date : 2017 6 16  
 Float : 2902229 - Cycle : 24 - PI : M Ravichandran - Data mode : A - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 17001 - Date : 2017 6 17  
 Float : 2902229 - Cycle : 25 - PI : M Ravichandran - Data mode : A - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 17001 - Date : 2017 6 17  
 Float : 2902229 - Cycle : 26 - PI : M Ravichandran - Data mode : A - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 17001 - Date : 2017 6 17  
 Float : 2902229 - Cycle : 28 - PI : M Ravichandran - Data mode : A - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 17001 - Date : 2017 6 17  
 Float : 2902229 - Cycle : 29 - PI : M Ravichandran - Data mode : A - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 17001 - Date : 2017 6 17  
 Float : 2902229 - Cycle : 30 - PI : M Ravichandran - Data mode : A - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 17001 - Date : 2017 6 18  
 Float : 2902229 - Cycle : 31 - PI : M Ravichandran - Data mode : A - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 17001 - Date : 2017 6 18  
 Float : 2902229 - Cycle : 32 - PI : M Ravichandran - Data mode : A - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 17001 - Date : 2017 6 18  
 Float : 2902229 - Cycle : 35 - PI : M Ravichandran - Data mode : A - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 17001 - Date : 2017 6 18  
 Float : 2902229 - Cycle : 36 - PI : M Ravichandran - Data mode : A - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 17001 - Date : 2017 6 19  
 Float : 2902229 - Cycle : 37 - PI : M Ravichandran - Data mode : A - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 17001 - Date : 2017 6 19  
 Float : 2902229 - Cycle : 38 - PI : M Ravichandran - Data mode : A - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 17001 - Date : 2017 6 19  
 Float : 2902229 - Cycle : 39 - PI : M Ravichandran - Data mode : A - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 17001 - Date : 2017 6 19  
 Float : 2902229 - Cycle : 40 - PI : M Ravichandran - Data mode : A - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 17001 - Date : 2017 6 19  
 Float : 2902229 - Cycle : 41 - PI : M Ravichandran - Data mode : A - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 17001 - Date : 2017 6 19  
 Float : 2902229 - Cycle : 42 - PI : M Ravichandran - Data mode : A - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 17001 - Date : 2017 6 20  
 Float : 2902229 - Cycle : 43 - PI : M Ravichandran - Data mode : A - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 17001 - Date : 2017 6 20  
 Float : 2902229 - Cycle : 44 - PI : M Ravichandran - Data mode : A - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 17001 - Date : 2017 6 20



Float : 2902231 - Cycle : 47 - PI : M Ravichandran - Data mode : A - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 17004 - Date : 2017 6 18  
 Float : 2902231 - Cycle : 49 - PI : M Ravichandran - Data mode : A - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 17004 - Date : 2017 6 19  
 Float : 2902231 - Cycle : 51 - PI : M Ravichandran - Data mode : A - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 17004 - Date : 2017 6 19  
 Float : 2902231 - Cycle : 52 - PI : M Ravichandran - Data mode : A - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 17004 - Date : 2017 6 19  
 Float : 2902231 - Cycle : 53 - PI : M Ravichandran - Data mode : A - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 17004 - Date : 2017 6 19  
 Float : 2902231 - Cycle : 54 - PI : M Ravichandran - Data mode : A - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 17004 - Date : 2017 6 20  
 Float : 2902231 - Cycle : 55 - PI : M Ravichandran - Data mode : A - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 17004 - Date : 2017 6 20  
 Float : 2902231 - Cycle : 56 - PI : M Ravichandran - Data mode : A - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 17004 - Date : 2017 6 20  
 Float : 2902231 - Cycle : 58 - PI : M Ravichandran - Data mode : A - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 17004 - Date : 2017 6 20  
 Float : 2902231 - Cycle : 59 - PI : M Ravichandran - Data mode : A - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 17004 - Date : 2017 6 20  
 Float : 2902231 - Cycle : 61 - PI : M Ravichandran - Data mode : A - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 17004 - Date : 2017 6 21  
 Float : 2902231 - Cycle : 62 - PI : M Ravichandran - Data mode : A - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 17004 - Date : 2017 6 21  
 Float : 2902231 - Cycle : 63 - PI : M Ravichandran - Data mode : A - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 17004 - Date : 2017 6 21  
 Float : 2902231 - Cycle : 64 - PI : M Ravichandran - Data mode : A - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 17004 - Date : 2017 6 21  
 Float : 2902232 - Cycle : 1 - PI : M Ravichandran - Data mode : A - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 17002 - Date : 2017 6 17  
 Float : 2902232 - Cycle : 2 - PI : M Ravichandran - Data mode : A - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 17002 - Date : 2017 6 17  
 Float : 2902232 - Cycle : 3 - PI : M Ravichandran - Data mode : A - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 17002 - Date : 2017 6 17  
 Float : 2902233 - Cycle : 1 - PI : M Ravichandran - Data mode : A - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 17005 - Date : 2017 6 17  
 Float : 2902233 - Cycle : 2 - PI : M Ravichandran - Data mode : A - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 17005 - Date : 2017 6 17  
 Float : 2902233 - Cycle : 3 - PI : M Ravichandran - Data mode : A - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 17005 - Date : 2017 6 17  
 Float : 2902234 - Cycle : 1 - PI : M Ravichandran - Data mode : A - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 17006 - Date : 2017 6 17  
 Float : 2902234 - Cycle : 3 - PI : M Ravichandran - Data mode : A - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 17006 - Date : 2017 6 17  
 Float : 2902234 - Cycle : 4 - PI : M Ravichandran - Data mode : A - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 17006 - Date : 2017 6 17  
 Float : 2902235 - Cycle : 3 - PI : M Ravichandran - Data mode : A - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 17007 - Date : 2017 6 17

### Warning Objective Analysis Anomalies 2017 July TEMP PSAL - DAC IN

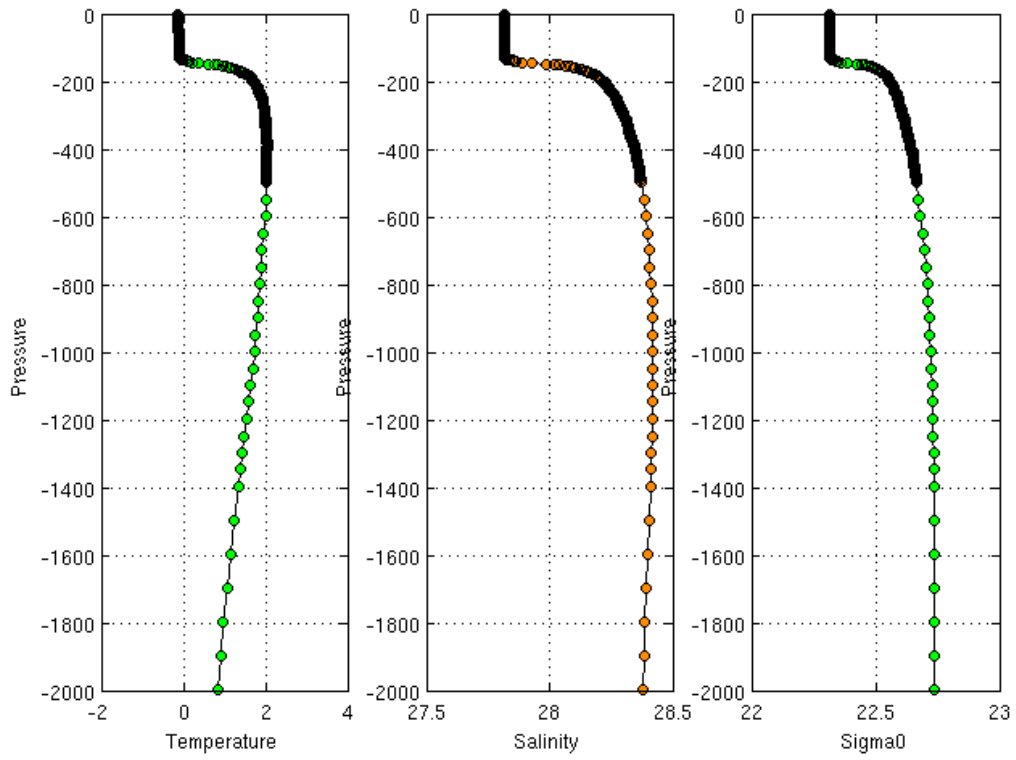


DAC\_CODE,PLATFORM\_CODE,CV\_NUMBER,DATE\_UPDATE,DIRECTION,WEB\_URL,PARAMETER,START\_IMMERSION,STOP\_IMMERSION,OLD\_QC,NEW\_QC  
 IN,2902164,92,06/07/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53005296 ,PSAL,2.7,1999.46,1,3  
 IN,2902164,92,06/07/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53005296 ,PSAL\_ADJUSTED,2.7,1999.46,1,3  
 IN,2902198,51,19/07/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53050687 ,PSAL,4.4,2000.9,1,3  
 IN,2902198,51,22/07/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53050687 ,PSAL,4.4,2000.9,1,3  
 IN,2902229,11,17/07/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53042423 ,TEMP\_ADJUSTED,1000,1000,1,4  
 IN,2902229,14,17/07/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53042426 ,TEMP\_ADJUSTED,1000,1000,1,4  
 IN,2902229,15,17/07/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53042427 ,TEMP\_ADJUSTED,1000,1000,1,4  
 IN,2902229,16,18/07/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53043481 ,TEMP\_ADJUSTED,1000,1000,1,4  
 IN,2902229,17,18/07/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53043483 ,TEMP\_ADJUSTED,1000,1000,1,4  
 IN,2902229,18,18/07/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53043485 ,TEMP\_ADJUSTED,1000,1000,1,4  
 IN,2902229,19,18/07/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53043486 ,TEMP\_ADJUSTED,1000,1000,1,4  
 IN,2902229,20,18/07/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53043487 ,TEMP\_ADJUSTED,1000,1000,1,4  
 IN,2902229,22,18/07/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53043491 ,TEMP\_ADJUSTED,1000,1000,1,4  
 IN,2902229,23,18/07/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53043492 ,TEMP\_ADJUSTED,1000,1000,1,4  
 IN,2902229,24,18/07/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53043493 ,TEMP\_ADJUSTED,1000,1000,1,4  
 IN,2902229,25,18/07/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53043496 ,TEMP\_ADJUSTED,1000,1000,1,4  
 IN,2902229,26,18/07/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53043497 ,TEMP\_ADJUSTED,1000,1000,1,4  
 IN,2902229,28,18/07/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53043499 ,TEMP\_ADJUSTED,1000,1000,1,4  
 IN,2902229,29,18/07/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53043501 ,TEMP\_ADJUSTED,1000,1000,1,4

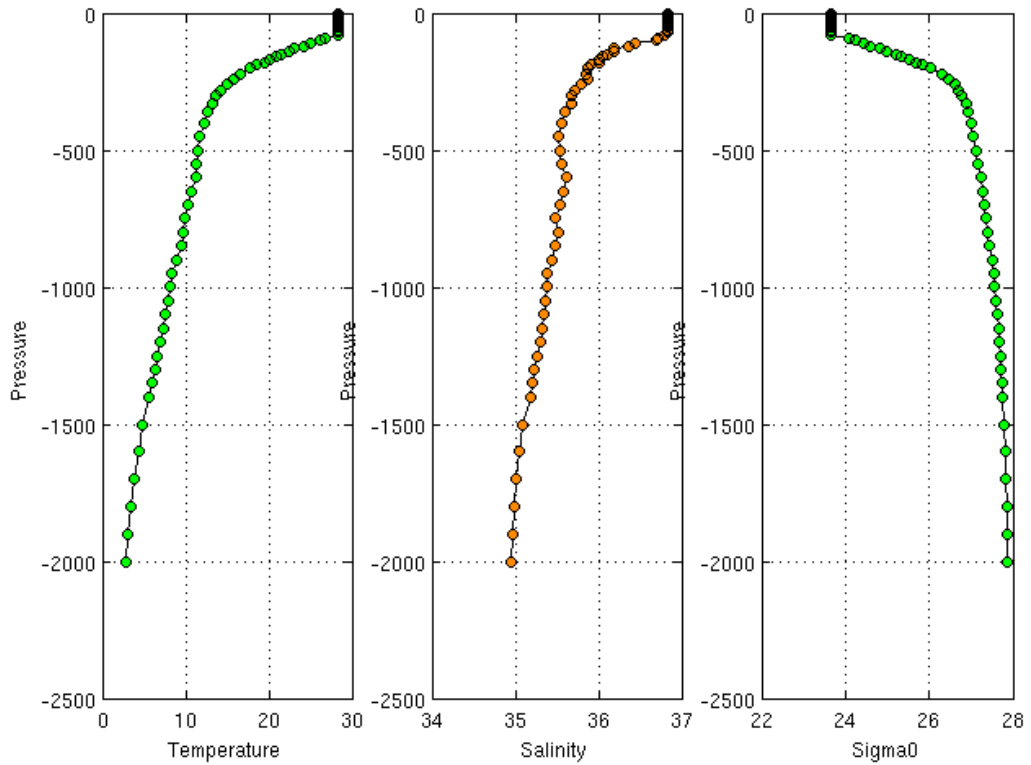




Warning Objective Analysis Anomalies 2017 July TEMP PSAL : DAC IN- Float 2902164-92



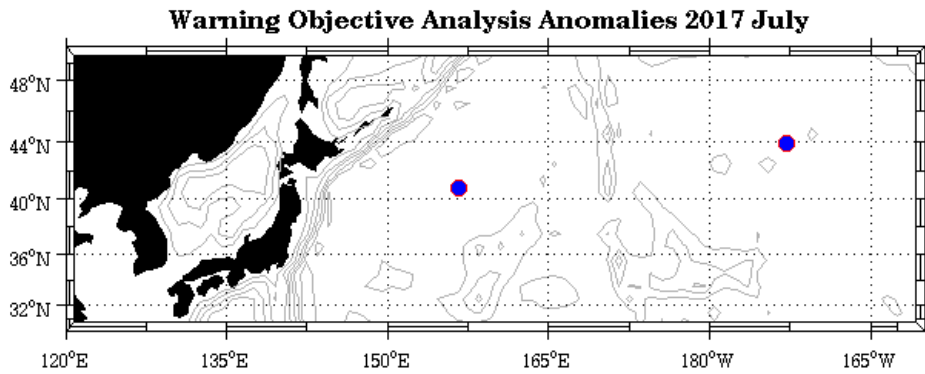
Warning Objective Analysis Anomalies 2017 July TEMP PSAL : DAC IN- Float 2902198-51



## 6. DAC JMA/JAMSTEC

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

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

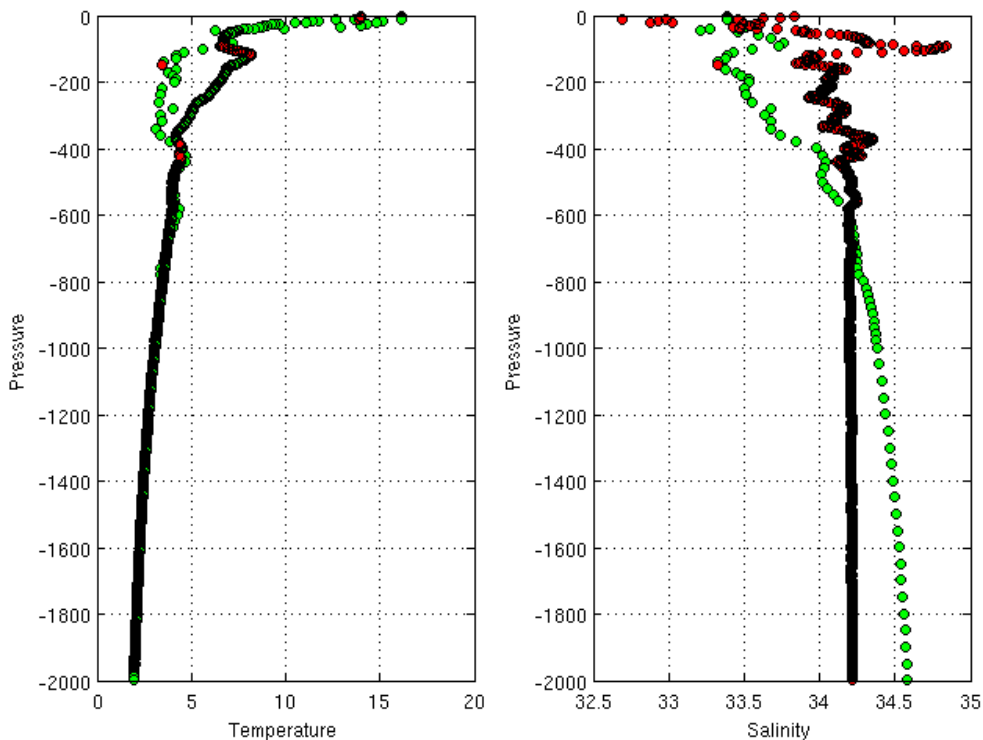


**Status of corrections: Correction done, no feedback**

Float : 2903197 - Cycle : 24 - PI : JMA - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : AK - Date : 2017 7 11

Float : 4902374 - Cycle : 3 - PI : JAMSTEC - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7850 - Date : 2017 7 21

**Warning Objective Analysis Anomalies 2017 July TEMP PSAL - DAC JA**

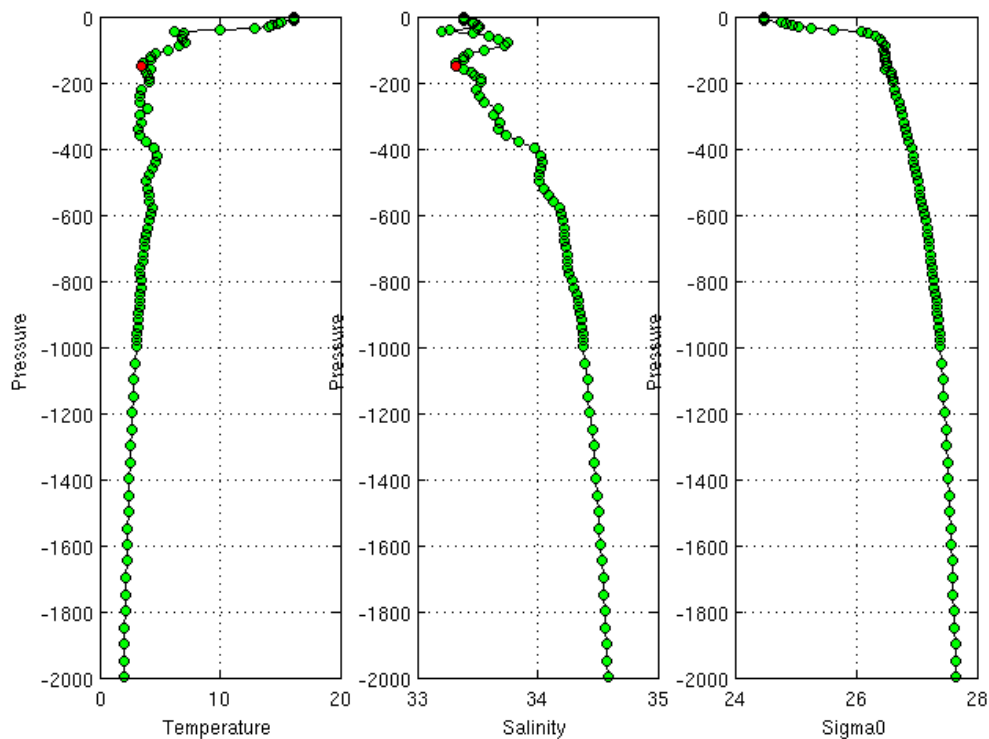


DAC\_CODE,PLATFORM\_CODE,CV\_NUMBER,DATE\_UPDATE,DIRECTION,WEB\_URL,PARAMETER,START\_IMMERSION,STOP\_IMMERSION,OLD\_QC,NEW\_QC  
 JA,2903197,24,15/07/2017 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=53033061> ,PSAL,160.3,160.3,1,4  
 JA,4902374,3,21/07/2017 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=53060426> ,PSAL,12.2,91.9,3,4  
 JA,4902374,3,21/07/2017 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=53060426> ,PSAL,120,382,1,4  
 JA,4902374,3,21/07/2017 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=53060426> ,PSAL,390,420,1,4  
 JA,4902374,3,21/07/2017 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=53060426> ,PSAL,426,1998,1,4

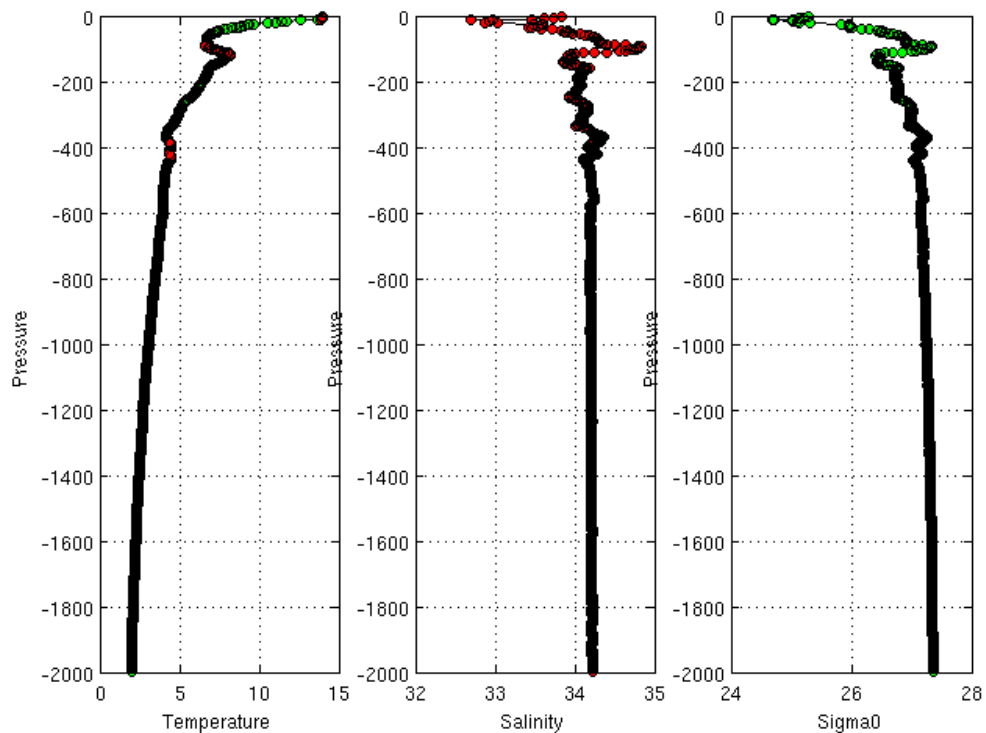


Example of anomalies:

**Warning Objective Analysis Anomalies 2017 July TEMP PSAL : DAC JA- Float 2903197-24**



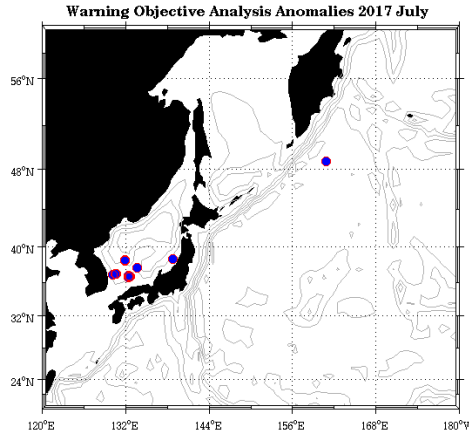
**Warning Objective Analysis Anomalies 2017 July TEMP PSAL : DAC JA- Float 4902374-3**



## 7. DAC KMA

Profiles detected by the objective analysis: 12 profiles (6 floats – float can have several cycles with anomalies)

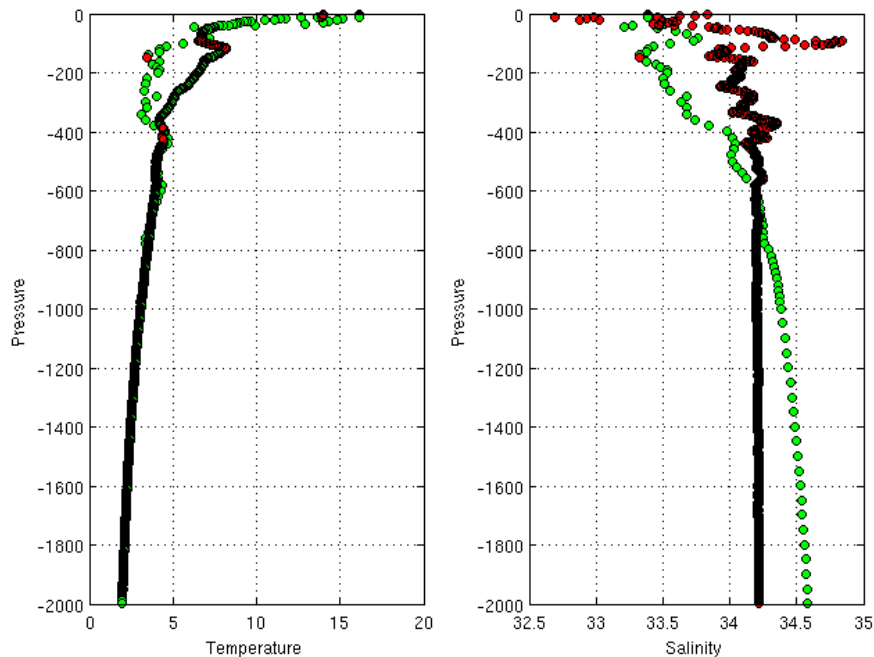
Data_mode ='R'	Data_mode ='A'	Data_mode ='D'
2 cycles	10 cycles	0 cycle



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

Float : 2901716 - Cycle : 144 - PI : Young-Hwa Kim - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : n/a - Date : 2017 7 14  
 Float : 2901724 - Cycle : 149 - PI : Youngsoo Jeon - Data mode : R - Platform type : ARVOR - WMO inst type : 846 - FLOAT SERIAL : n/a - Date : 2017 6 13  
 Float : 2901724 - Cycle : 150 - PI : Youngsoo Jeon - Data mode : R - Platform type : ARVOR - WMO inst type : 846 - FLOAT SERIAL : n/a - Date : 2017 6 20  
 Float : 2901724 - Cycle : 152 - PI : Youngsoo Jeon - Data mode : R - Platform type : ARVOR - WMO inst type : 846 - FLOAT SERIAL : n/a - Date : 2017 7 4  
 Float : 2901725 - Cycle : 153 - PI : Youngsoo Jeon - Data mode : R - Platform type : ARVOR - WMO inst type : 846 - FLOAT SERIAL : n/a - Date : 2017 7 11  
 Float : 2901740 - Cycle : 111 - PI : ByungHwan Lim - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : n/a - Date : 2017 7 5  
 Float : 2901740 - Cycle : 112 - PI : ByungHwan Lim - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : n/a - Date : 2017 7 12  
 Float : 2901740 - Cycle : 113 - PI : ByungHwan Lim - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : n/a - Date : 2017 7 19  
 Float : 2901740 - Cycle : 114 - PI : ByungHwan Lim - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : n/a - Date : 2017 7 26  
 Float : 2901744 - Cycle : 114 - PI : ByungHwan Lim - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : n/a - Date : 2017 7 27  
 Float : 2901750 - Cycle : 48 - PI : Jaeyoung Byon - Data mode : R - Platform type : ARVOR - WMO inst type : 846 - FLOAT SERIAL : n/a - Date : 2017 7 1  
 Float : 2901750 - Cycle : 50 - PI : Jaeyoung Byon - Data mode : R - Platform type : ARVOR - WMO inst type : 846 - FLOAT SERIAL : n/a - Date : 2017 7 15

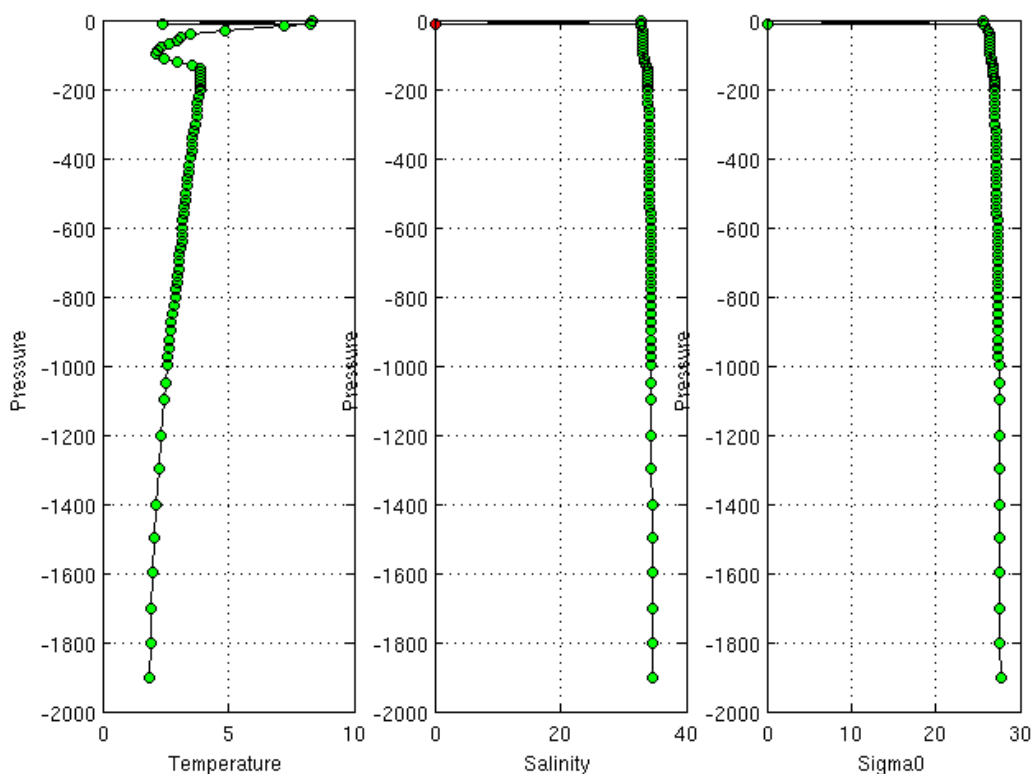
### Warning Objective Analysis Anomalies 2017 July TEMP PSAL - DAC JA

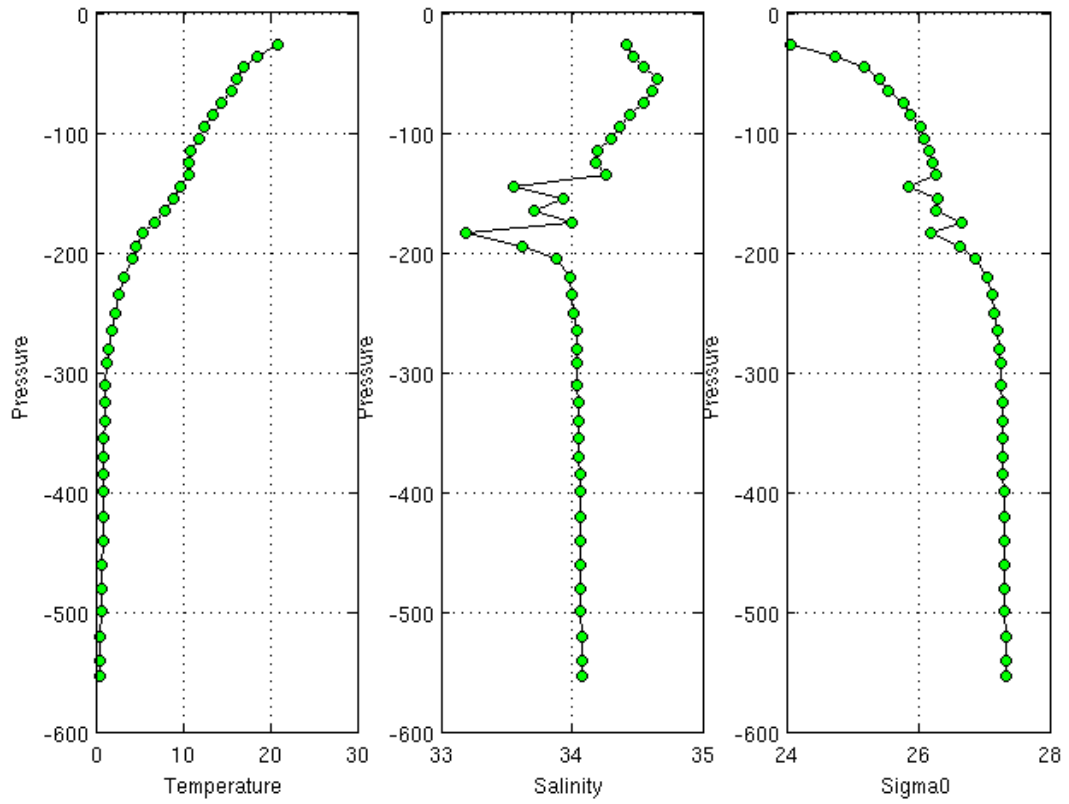


KM,2901716,144,15/07/2017 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=53036735> ,PSAL,4.3,4.3,1,3  
 KM,2901716,144,15/07/2017 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=53036735> ,PSAL\_ADJUSTED,4.3,4.3,1,3  
 KM,2901716,144,15/07/2017 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=53036735> ,TEMP,4.3,10.1,1,3  
 KM,2901716,144,15/07/2017 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=53036735> ,TEMP\_ADJUSTED,4.3,10.1,1,3  
 KM,2901724,149,14/06/2017 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=52826187> ,PSAL,1,787,1,3  
 KM,2901724,150,21/06/2017 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=52891252> ,PSAL,1,797,1,3  
 KM,2901724,152,05/07/2017 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=53002278> ,PSAL,1,805,1,3  
 KM,2901725,153,12/07/2017 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=53022479> ,PSAL,1,1,1,4  
 KM,2901740,111,06/07/2017 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=53005465> ,PSAL,4.7,774.6,1,3  
 KM,2901740,112,13/07/2017 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=53025688> ,PSAL,5.1,799.2,1,3  
 KM,2901740,113,20/07/2017 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=53054735> ,PSAL,5.7,797,1,3  
 KM,2901740,114,27/07/2017 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=53080421> ,PSAL,4.6,775,1,3  
 KM,2901744,114,27/07/2017 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=53080425> ,PSAL,144.6,194.9,1,4  
 KM,2901744,114,27/07/2017 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=53080425> ,PSAL\_ADJUSTED,144.6,194.9,1,4  
 KM,2901750,48,02/07/2017 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=52991919> ,PSAL,789,801,1,4  
 KM,2901750,48,02/07/2017 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=52991919> ,PSAL,8,8,1,4  
 KM,2901750,50,16/07/2017 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=53039153> ,PSAL,1,2,1,3  
 KM,2901750,50,16/07/2017 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=53039153> ,PSAL,16,36,1,3  
 KM,2901750,50,16/07/2017 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=53039153> ,PSAL,55,166,1,3  
 KM,2901750,50,16/07/2017 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=53039153> ,PSAL,783,794,1,4

Example of anomalies:

### Warning Objective Analysis Anomalies 2017 July TEMP PSAL : DAC KM- Float 2901716-144





## 8. DAC KORDI

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

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

### Status of corrections:

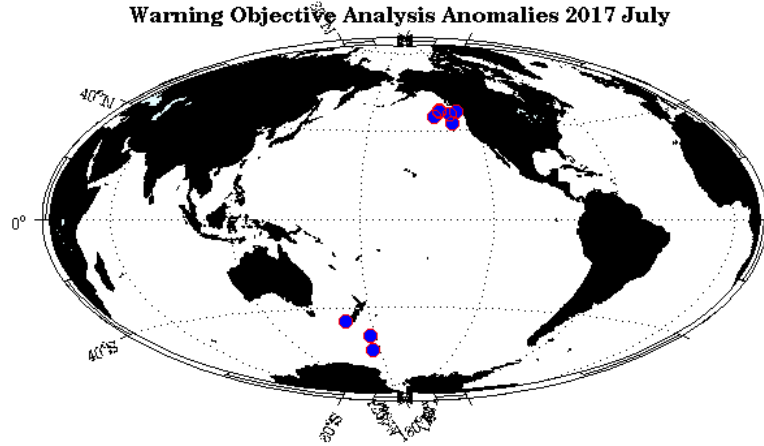
DAC\_CODE,PLATFORM\_CODE,CV\_NUMBER,DATE\_UPDATE,DIRECTION,WEB\_URL,PARAMETER,START\_IMMERSION,STOP\_IMMERSION,OLD\_QC,NEW\_QC

### Example of anomalies:

## 9. DAC MEDS

Profiles detected by the objective analysis: 9 profiles (7 floats – float can have several cycles with anomalies)

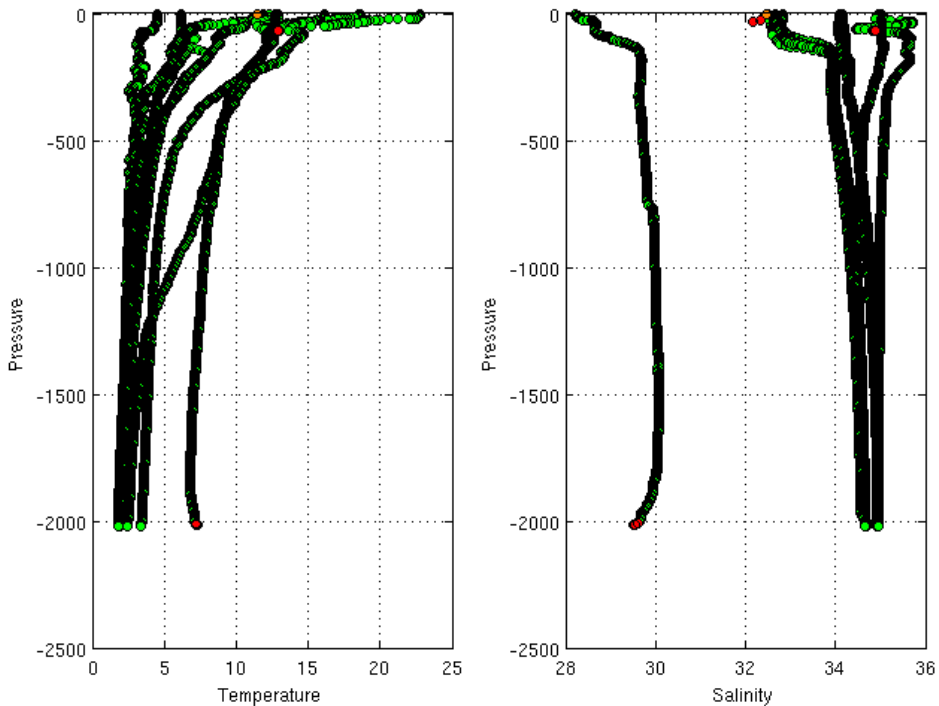
Data_mode ='R'	Data_mode ='A'	Data_mode ='D'
0 cycle	8 cycles	1 cycle



**Status of corrections: Correction not yet done for all the profiles of July, feedback on the anomalies from the June report**

Float : 4901186 - Cycle : 181 - PI : Blair Greenan - Data mode : D - Platform type : NOVA - WMO inst type : 865 - FLOAT SERIAL : 26 - Date : 2017 7 2  
 Float : 4901784 - Cycle : 75 - PI : Blair Greenan - Data mode : A - Platform type : NOVA - WMO inst type : 865 - FLOAT SERIAL : 200 - Date : 2017 7 24  
 Float : 4901790 - Cycle : 74 - PI : Blair Greenan - Data mode : A - Platform type : NOVA - WMO inst type : 865 - FLOAT SERIAL : 206 - Date : 2017 7 15  
 Float : 4901790 - Cycle : 75 - PI : Blair Greenan - Data mode : A - Platform type : NOVA - WMO inst type : 865 - FLOAT SERIAL : 206 - Date : 2017 7 25  
 Float : 4901792 - Cycle : 37 - PI : Blair Greenan - Data mode : A - Platform type : NOVA - WMO inst type : 865 - FLOAT SERIAL : 208 - Date : 2016 12 2  
 Float : 4901792 - Cycle : 58 - PI : Blair Greenan - Data mode : A - Platform type : NOVA - WMO inst type : 865 - FLOAT SERIAL : 208 - Date : 2017 6 30  
 Float : 4901794 - Cycle : 58 - PI : Blair Greenan - Data mode : A - Platform type : NOVA - WMO inst type : 865 - FLOAT SERIAL : 210 - Date : 2017 7 1  
 Float : 4901824 - Cycle : 39 - PI : Blair Greenan - Data mode : A - Platform type : NOVA - WMO inst type : 865 - FLOAT SERIAL : 330 - Date : 2017 7 5  
 Float : 4902407 - Cycle : 3 - PI : Blair Greenan - Data mode : A - Platform type : NOVA - WMO inst type : 865 - FLOAT SERIAL : 443 - Date : 2017 7 6

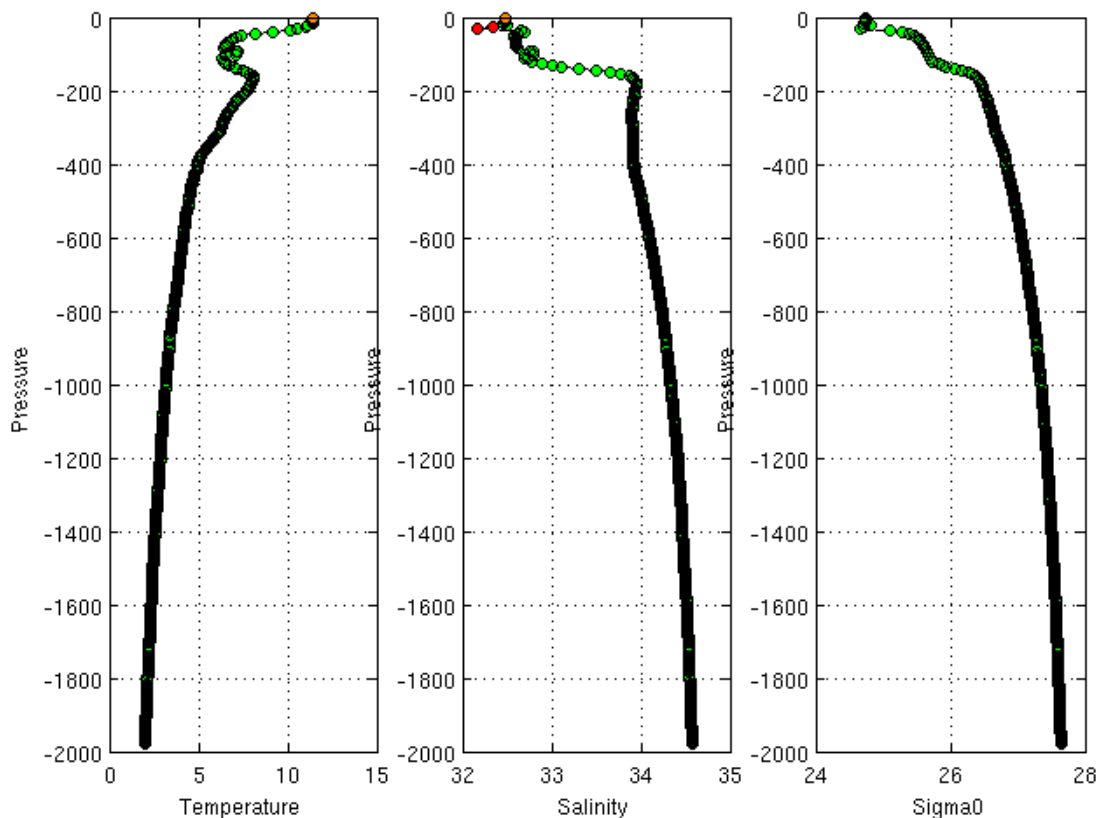
**Warning Objective Analysis Anomalies 2017 July TEMP PSAL - DAC ME**



DAC\_CODE,PLATFORM\_CODE,CV\_NUMBER,DATE\_UPDATE,DIRECTION,WEB\_URL,PARAMETER,START\_IMMERSION,STOP\_IMMERSION,OLD\_QC,NEW\_QC  
 ME,4901186,181,06/07/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53005740 ,PSAL,14.7,14.7,1,4  
 ME,4901186,181,06/07/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53005740 ,PSAL,24.7,29.6,1,4  
 ME,4901186,181,06/07/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53005740 ,PSAL\_ADJUSTED,14.7,14.7,1,4  
 ME,4901186,181,06/07/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53005740 ,PSAL\_ADJUSTED,24.7,29.6,1,4  
 ME,4901784,75,24/07/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53070555 ,PSAL,2.7,2020.3,1,3  
 ME,4901784,75,24/07/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53070555 ,PSAL\_ADJUSTED,2.7,2020.3,1,3  
 ME,4901790,74,15/07/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53034907 ,PSAL,2.5,2004.4,1,3  
 ME,4901790,74,15/07/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53034907 ,PSAL\_ADJUSTED,2.5,2004.4,1,3  
 ME,4901790,75,26/07/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53077233 ,PSAL,2.1,2021.2,1,3  
 ME,4901790,75,26/07/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53077233 ,PSAL\_ADJUSTED,2.1,2021.2,1,3  
 ME,4901792,37,02/12/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=51221512 ,PSAL,215,217.5,1,3  
 ME,4901792,37,02/12/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=51221512 ,PSAL,272.5,282.5,1,3  
 ME,4901792,37,02/12/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=51221512 ,PSAL,60,71,1,3  
 ME,4901792,37,02/12/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=51221512 ,TEMP,215,217.5,1,3  
 ME,4901792,37,02/12/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=51221512 ,TEMP,277.5,282.5,1,3  
 ME,4901792,37,02/12/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=51221512 ,TEMP,61,70,1,3  
 ME,4901792,58,30/06/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=52986295 ,PSAL,2.1,2003.6,1,3  
 ME,4901792,58,30/06/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=52986295 ,PSAL\_ADJUSTED,2.1,2003.6,1,3  
 ME,4901794,58,01/07/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=52989124 ,PSAL,2.1,2020.1,1,3  
 ME,4901794,58,01/07/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=52989124 ,PSAL\_ADJUSTED,2.1,2020.1,1,3  
 ME,4901824,39,11/07/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53002791 ,PSAL,1.5,2017.5,4,3  
 ME,4901824,39,11/07/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53002791 ,PSAL\_ADJUSTED,1.5,2017.5,4,3  
 ME,4901824,39,11/07/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53002791 ,TEMP,1.5,2017.5,4,3  
 ME,4901824,39,11/07/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53002791 ,TEMP\_ADJUSTED,1.5,2017.5,4,3  
 ME,4902407,3,11/07/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53008339 ,PSAL,1.4,2020.1,4,3  
 ME,4902407,3,11/07/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53008339 ,PSAL\_ADJUSTED,1.4,2020.1,4,3  
 ME,4902407,3,11/07/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53008339 ,TEMP,1.4,2020.1,4,3  
 ME,4902407,3,11/07/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=53008339 ,TEMP\_ADJUSTED,1.4,2020.1,4,3

Example of anomalies:

**Warning Objective Analysis Anomalies 2017 July TEMP PSAL : DAC ME- Float 4901186-181**



## 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 : 6428**

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 -

4900433 - Existing nc files

File : 4900433\_meta.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

5903296 - Existing nc files

File : 5903296\_meta.nc - 5903296\_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

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

5904838 - Existing nc files

5904840 - Existing nc files

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

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

5904839 - Existing nc files

### **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 monopofile, no trajectory)

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

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

1900176 - Existing nc files

File : 1900176\_meta.nc - 1900176\_tech.nc

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 : 2484**

1900380 - Existing nc files

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

1901216 - Existing nc files

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

5903129 - Existing nc files

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

6900215 - Existing nc files

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

6900217 - Existing nc files

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

6900940 - Existing nc files

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

6901000 - Existing nc files

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

6901069 - Existing nc files

File : 6901069\_Rtraj.nc - 6901069\_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

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

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 : 1534**

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 -

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 -

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

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

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

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

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

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

7900691 - Existing nc files

### 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 : 219**

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

2901213 - Existing nc - files

File : 2901213\_Rtraj.nc - 2901213\_meta.nc - 2901213\_prof.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 monoprofile, no tech.nc)

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

**DAC name : kordi - Number of floats : 119**

3900079 - Existing nc files

2900793 - Existing nc files

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

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

3900078 - Existing nc files

3900081 - Existing nc files

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

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

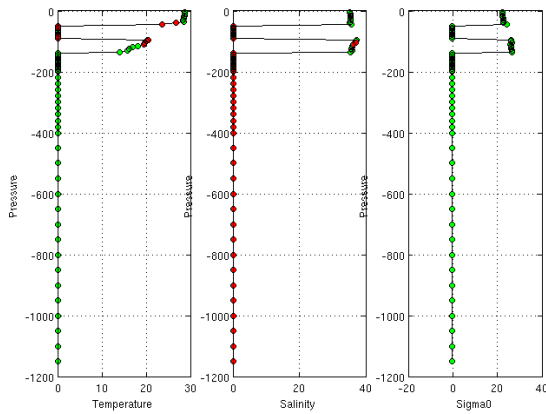


<<< NMDIS is working in priority on the format of the version 3.1 >>>

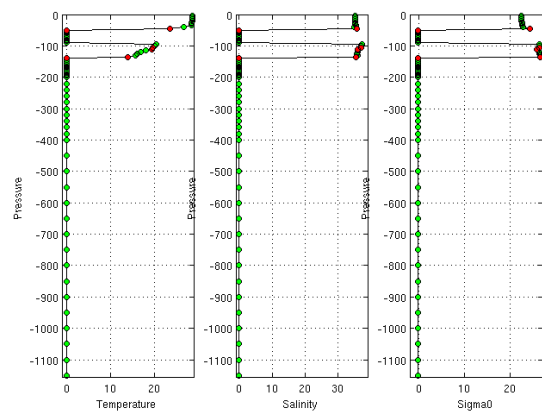
## 13. Automatic Tests (June's version)

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

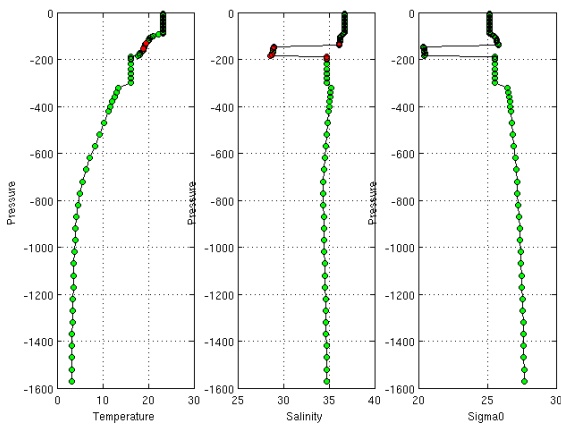
Warning Objective Analysis Anomalies 2016 June TEMP PSAL : DAC AO- Float 1901504-188



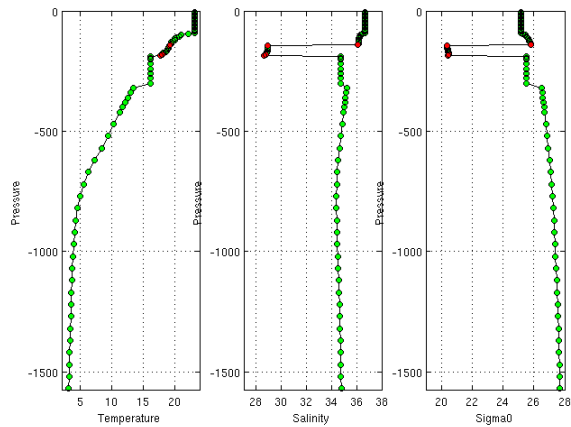
Using Jean Philippe Matlab density inversion test : Float 1901504\_88 Data mode : R



Warning Objective Analysis Anomalies 2016 June TEMP PSAL : DAC AO- Float 1900998-239



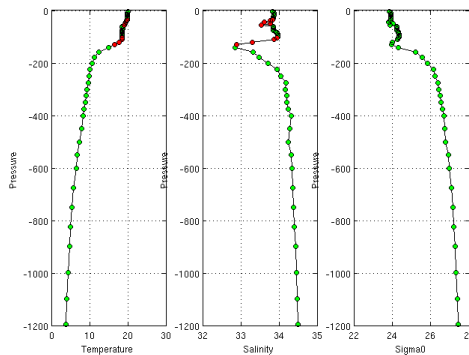
Using Jean Philippe Matlab density inversion test : Float 1900998\_39 Data mode : R



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 :

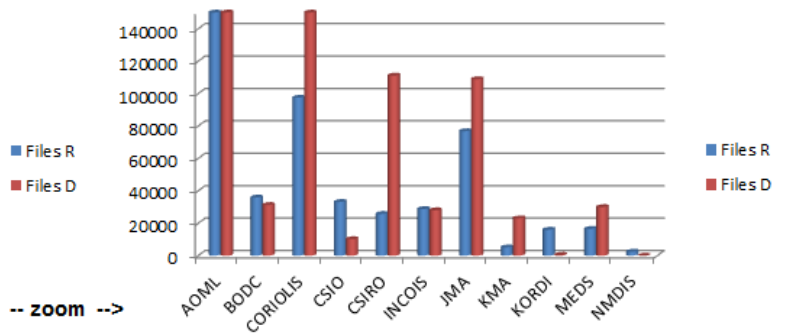
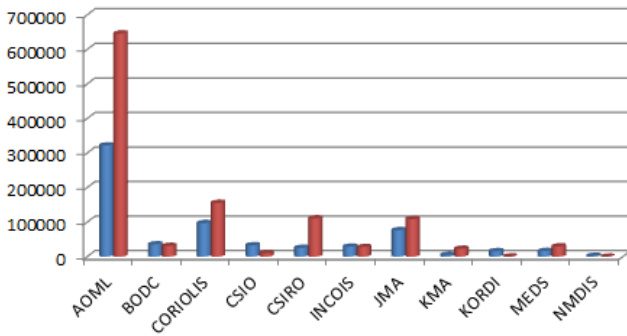
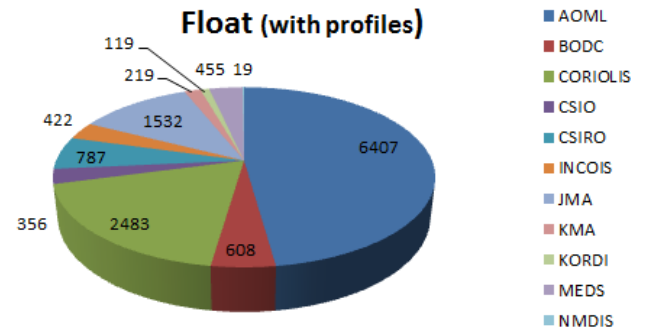
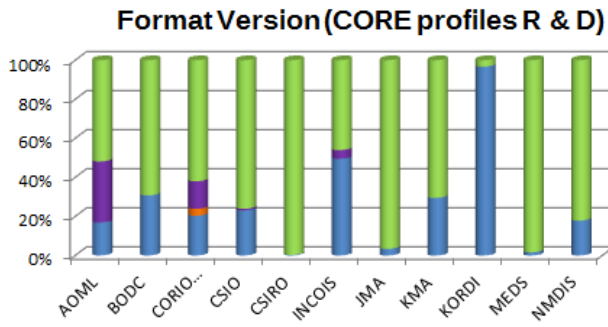
Warning Objective Analysis Anomalies 2016 June TEMP PSAL : DAC AO- Float 4902093-208



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

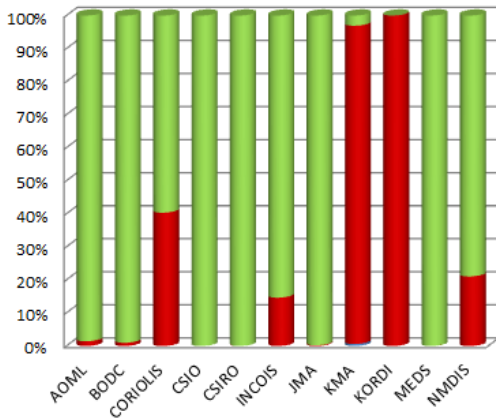
# 14. Statistics on floats and format version (July 2017)

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

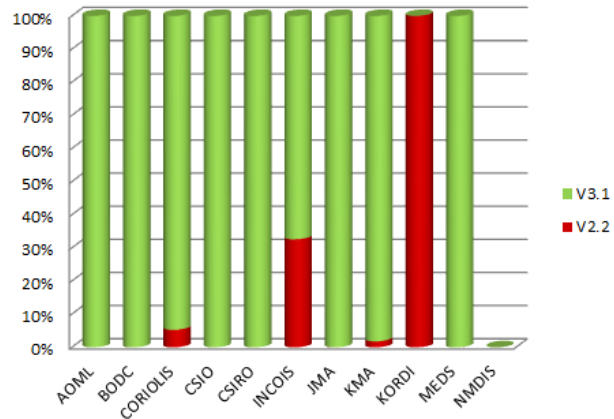


Plots showing format\_version percentage, for metadata-technical-trajectory and core profiles following dead or active floats.

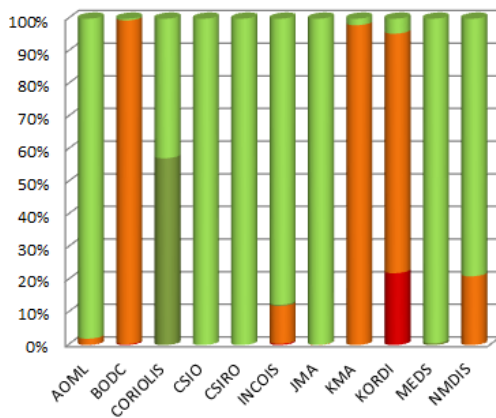
Metadata Files - Dead floats



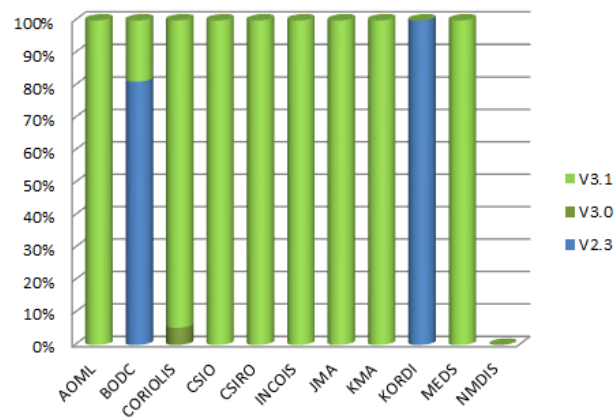
Metadata Files - Active floats



Technical Files - Dead floats

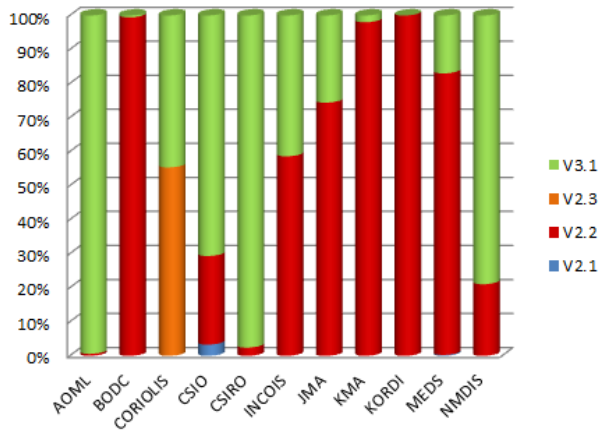


Technical Files - Active floats

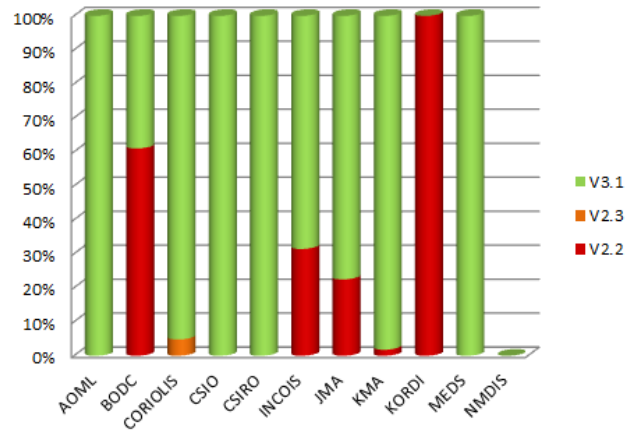




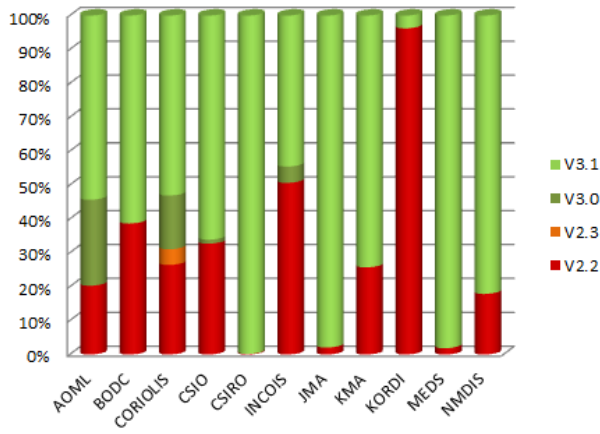
Trajectory Files - Dead floats



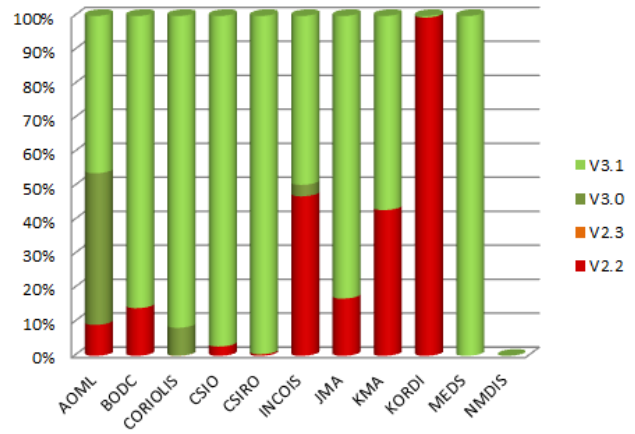
Trajectory Files - Active floats



Profile files - Dead floats



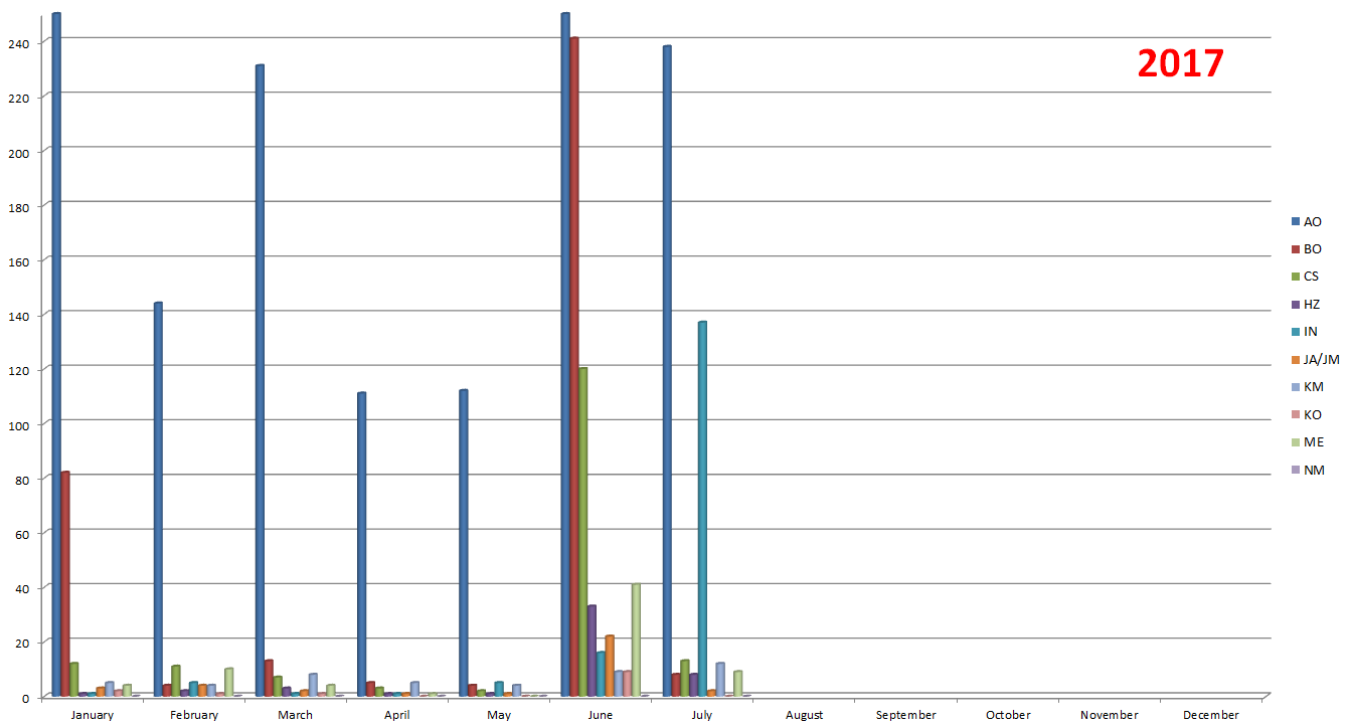
Profile Files - Active floats



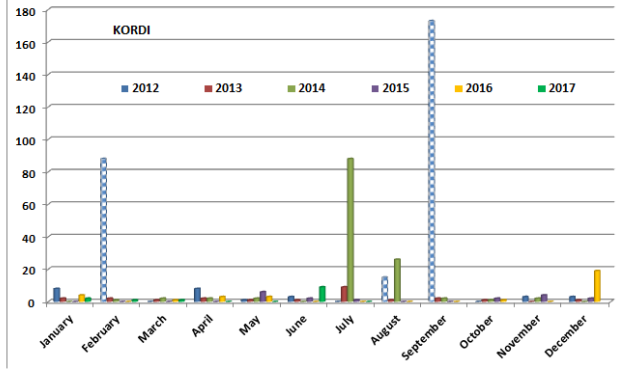
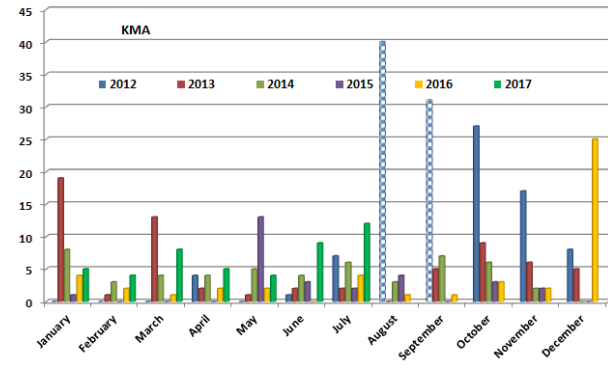
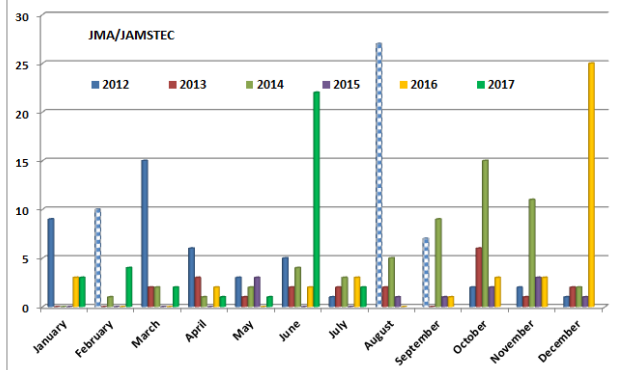
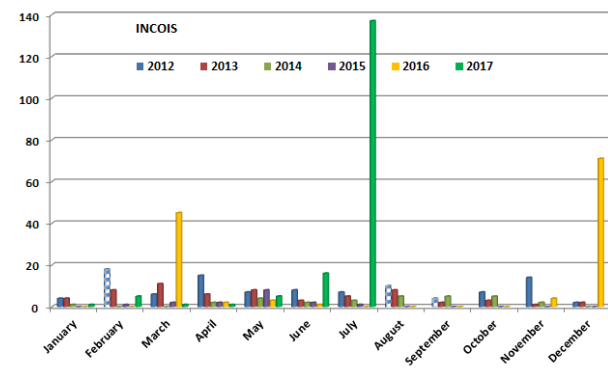
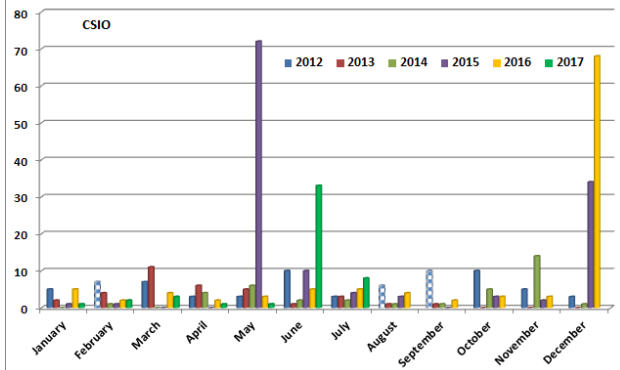
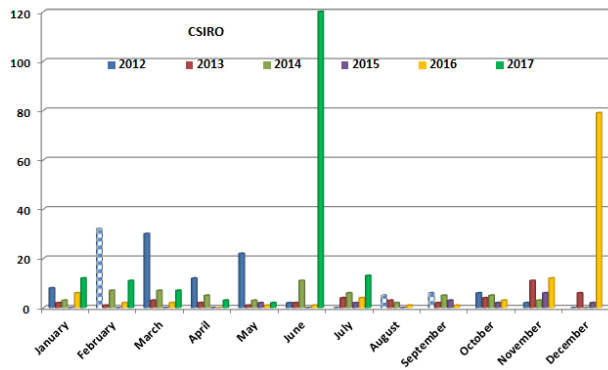
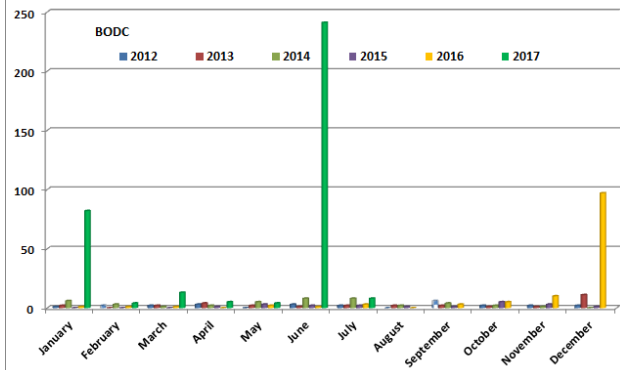
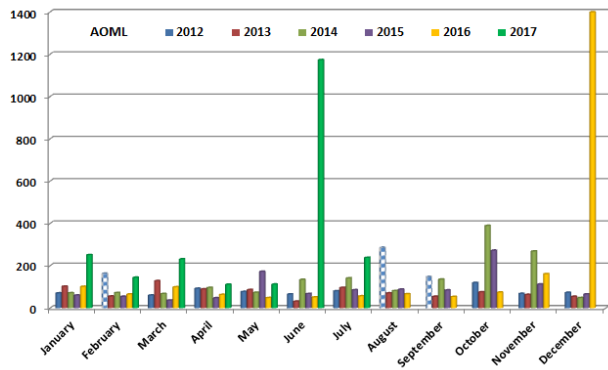
## 15. Statistics on anomalies

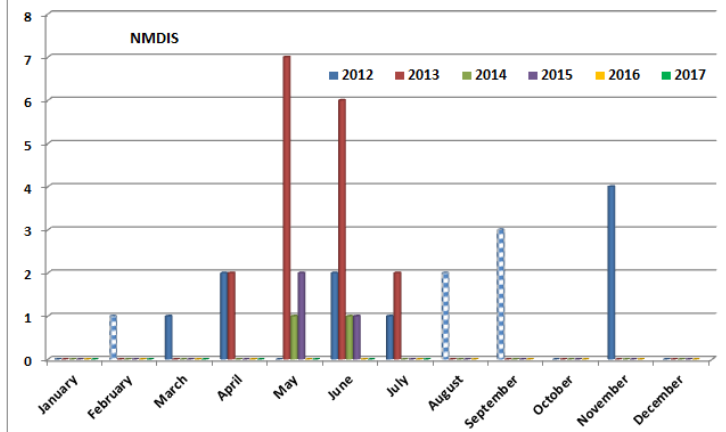
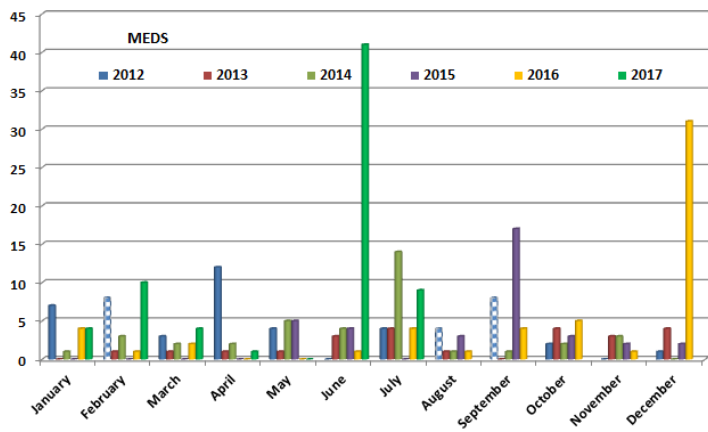
Plots showing evolution of number of anomalies by DAC.

### 15.1. Year



## 15.2. DAC





### 15.3. Anomalies by year, by month

