



# Anomalies on Argo profiles

From warning objective analysis, netcdf file analysis

## Format version

**June 2016**

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**Coriolis**



# Anomalies by DAC

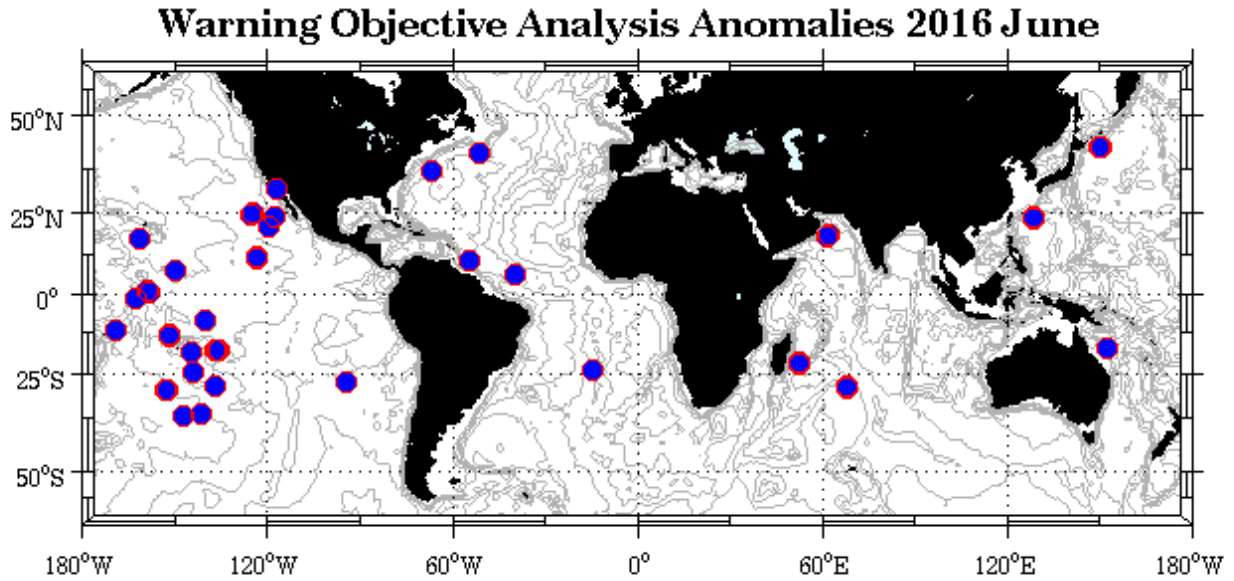
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# 1. DAC AOML

Profiles detected by the objective analysis: 51 profiles



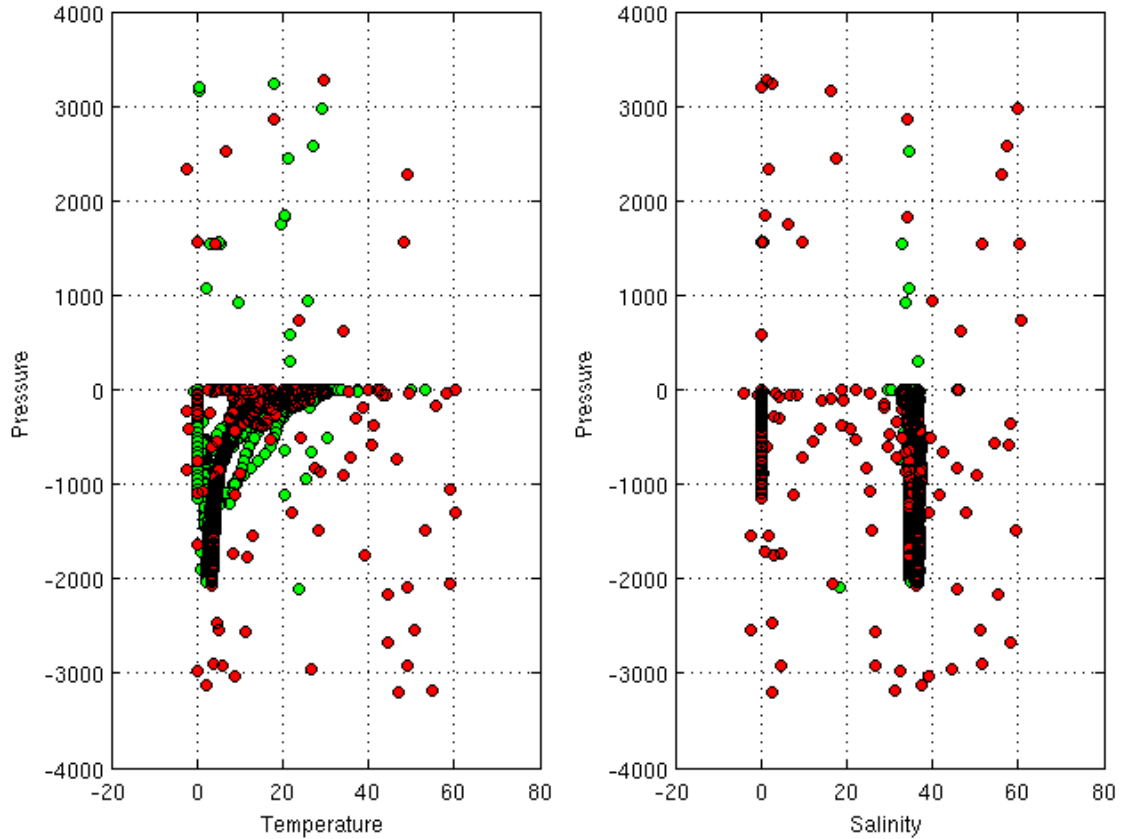
**Status of corrections: Done for few profiles – still bad QC no corrected**

**In blue: floats with multiprofiles.**

Float : 1900998 - Cycle : 239 - PI : BRECK OWENS - Data mode : R - INST REF : - Date : 2016 6 20  
Float : 1901504 - Cycle : 188 - PI : BRECK OWENS - Data mode : R - INST REF : - Date : 2016 6 19  
Float : 2901466 - Cycle : 197 - PI : CARL SZCZECZOWSKI - Data mode : A - INST REF : - Date : 2016 5 25  
Float : 2901466 - Cycle : 199 - PI : CARL SZCZECZOWSKI - Data mode : A - INST REF : - Date : 2016 6 2  
Float : 2901466 - Cycle : 201 - PI : CARL SZCZECZOWSKI - Data mode : A - INST REF : - Date : 2016 6 10  
Float : 3900844 - Cycle : 305 - PI : STEPHEN RISER - Data mode : A - INST REF : - Date : 2016 6 5  
Float : 4901484 - Cycle : 100 - PI : BRECK OWENS, STEVE JAYNE, P.E. ROBBINS - Data mode : R - Platform type : S2A - WMO inst type : 854 - FLOAT SERIAL : 7169 - Date : 2016 6 14  
Float : 4901670 - Cycle : 341 - PI : CARL SZCZECZOWSKI - Data mode : A - INST REF : - Date : 2016 5 22  
Float : 4901707 - Cycle : 123 - PI : BRECK OWENS, STEVEN JAYNE, P.E. ROBBINS - Data mode : R - INST REF : - Date : 2016 6 2  
Float : 4902076 - Cycle : 47 - PI : GREGORY C. JOHNSON - Data mode : A - INST REF : - Date : 2016 6 5  
Float : 4902076 - Cycle : 48 - PI : GREGORY C. JOHNSON - Data mode : A - INST REF : - Date : 2016 6 15  
Float : 4902093 - Cycle : 208 - PI : CARL SZCZECZOWSKI - Data mode : A - INST REF : - Date : 2016 5 30  
Float : 4902093 - Cycle : 216 - PI : CARL SZCZECZOWSKI - Data mode : A - INST REF : - Date : 2016 6 15  
Float : 4902095 - Cycle : 220 - PI : CARL SZCZECZOWSKI - Data mode : A - INST REF : - Date : 2016 6 20  
Float : 4902293 - Cycle : 111 - PI : CARL SZCZECZOWSKI - Data mode : A - INST REF : - Date : 2016 5 24  
Float : 5901012 - Cycle : 372 - PI : GREGORY C. JOHNSON - Data mode : A - INST REF : - Date : 2016 5 23  
Float : 5901012 - Cycle : 373 - PI : GREGORY C. JOHNSON - Data mode : A - INST REF : - Date : 2016 6 2  
Float : 5901012 - Cycle : 374 - PI : GREGORY C. JOHNSON - Data mode : A - INST REF : - Date : 2016 6 13  
Float : 5901015 - Cycle : 371 - PI : GREGORY C. JOHNSON - Data mode : A - INST REF : - Date : 2016 5 22  
Float : 5901884 - Cycle : 264 - PI : STEPHEN RISER - Data mode : A - INST REF : - Date : 2016 6 2  
Float : 5901884 - Cycle : 265 - PI : STEPHEN RISER - Data mode : A - INST REF : - Date : 2016 6 13  
Float : 5901895 - Cycle : 275 - PI : STEPHEN RISER - Data mode : A - INST REF : - Date : 2016 5 25  
Float : 5901895 - Cycle : 276 - PI : STEPHEN RISER - Data mode : A - INST REF : - Date : 2016 6 4  
Float : 5901895 - Cycle : 277 - PI : STEPHEN RISER - Data mode : A - INST REF : - Date : 2016 6 14  
Float : 5901897 - Cycle : 276 - PI : STEPHEN RISER - Data mode : A - INST REF : - Date : 2016 6 5  
Float : 5901897 - Cycle : 277 - PI : STEPHEN RISER - Data mode : A - INST REF : - Date : 2016 6 15  
Float : 5902092 - Cycle : 278 - PI : STEPHEN RISER - Data mode : A - INST REF : - Date : 2016 5 25  
Float : 5902092 - Cycle : 279 - PI : STEPHEN RISER - Data mode : A - INST REF : - Date : 2016 6 4  
Float : 5902092 - Cycle : 280 - PI : STEPHEN RISER - Data mode : A - INST REF : - Date : 2016 6 15  
Float : 5903424 - Cycle : 168 - PI : STEPHEN RISER - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 4932 - Date : 2016 6 12  
Float : 5903752 - Cycle : 126 - PI : STEPHEN RISER - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 5103 - Date : 2016 6 7  
Float : 5903752 - Cycle : 127 - PI : STEPHEN RISER - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 5103 - Date : 2016 6 17  
Float : 5903974 - Cycle : 127 - PI : STEPHEN RISER - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 5849 - Date : 2016 6 7  
Float : 5903974 - Cycle : 128 - PI : STEPHEN RISER - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 5849 - Date : 2016 6 17  
Float : 5903977 - Cycle : 126 - PI : STEPHEN RISER - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 6118 - Date : 2016 5 25  
Float : 5903977 - Cycle : 127 - PI : STEPHEN RISER - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 6118 - Date : 2016 6 3  
Float : 5903978 - Cycle : 128 - PI : STEPHEN RISER - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 6119 - Date : 2016 6 13  
Float : 5903979 - Cycle : 127 - PI : STEPHEN RISER - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 5850 - Date : 2016 6 9  
Float : 5903985 - Cycle : 128 - PI : STEPHEN RISER - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 6223 - Date : 2016 6 21

Float : 5903992 - Cycle : 128 - PI : STEPHEN RISER - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 6120 - Date : 2016 6 3  
 Float : 5904325 - Cycle : 242 - PI : CARL SZCZECHOWSKI - Data mode : A - INST REF : - Date : 2016 5 31  
 Float : 5904398 - Cycle : 65 - PI : STEPHEN RISER - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 6122 - Date : 2016 5 26  
 Float : 5904405 - Cycle : 68 - PI : STEPHEN RISER - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 6934 - Date : 2016 5 27  
 Float : 5904405 - Cycle : 69 - PI : STEPHEN RISER - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 6934 - Date : 2016 6 7  
 Float : 5904405 - Cycle : 70 - PI : STEPHEN RISER - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 6934 - Date : 2016 6 17  
 Float : 5904406 - Cycle : 68 - PI : STEPHEN RISER - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 6935 - Date : 2016 5 24  
 Float : 5904406 - Cycle : 69 - PI : STEPHEN RISER - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 6935 - Date : 2016 6 4  
 Float : 5904454 - Cycle : 57 - PI : STEPHEN RISER - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 6924 - Date : 2016 5 27  
 Float : 5904454 - Cycle : 58 - PI : STEPHEN RISER - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 6924 - Date : 2016 6 6  
 Float : 5904456 - Cycle : 58 - PI : STEPHEN RISER - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 6925 - Date : 2016 6 3  
 Float : 5904456 - Cycle : 59 - PI : STEPHEN RISER - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 6925 - Date : 2016 6 13

### Warning Objective Analysis Anomalies 2016 June 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,1900998,239,21/06/2016 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=44391871> ,PSAL,160,175,1,4  
 AO,1900998,239,21/06/2016 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=44391871> ,PSAL,200,300,1,4  
 AO,1900998,239,21/06/2016 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=44391871> ,TEMP,190,300,1,4  
 AO,1901504,188,20/06/2016 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=44388423> ,TEMP,140,1150,1,4  
 AO,1901504,188,20/06/2016 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=44388423> ,TEMP,60,80,1,4  
 AO,2901466,197,26/05/2016 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=44170124> ,PSAL,1199,1199,1,4  
 AO,2901466,197,26/05/2016 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=44170124> ,PSAL,225.4,349.8,1,4  
 AO,2901466,197,26/05/2016 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=44170124> ,PSAL,40.1,40.1,1,4  
 AO,2901466,199,03/06/2016 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=44241576> ,PSAL,50.1,50.1,1,4  
 AO,2901466,201,11/06/2016 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=44309078> ,PSAL,1200,1200,1,4  
 AO,3900844,305,06/06/2016 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=44262203> ,PSAL,-1071.9,-1071.9,1,4  
 AO,3900844,305,06/06/2016 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=44262203> ,TEMP,-1071.9,-1071.9,1,4  
 AO,3900844,305,06/06/2016 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=44262203> ,TEMP,-1753.5,-1753.5,1,4  
 AO,3900844,305,06/06/2016 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=44262203> ,TEMP,-3192.2,-3192.2,1,4  
 AO,3900844,305,06/06/2016 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=44262203> ,TEMP,0,0,1,4  
 AO,3900844,305,06/06/2016 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=44262203> ,TEMP,206,206,1,4  
 AO,3900844,305,06/06/2016 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=44262203> ,TEMP,207.2,220.9,1,4  
 AO,3900844,305,06/06/2016 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=44262203> ,TEMP,635.3,867.7,1,4  
 AO,3900844,305,06/06/2016 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=44262203> ,TEMP,939.4,939.4,1,4  
 AO,4901484,100,15/06/2016 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=44350624> ,PSAL,.88,.88,1,4  
 AO,4901670,341,23/05/2016 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=44139525> ,TEMP,5.3,5.3,1,4  
 AO,4901707,123,03/06/2016 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=44242287> ,PSAL,1,60,1,4  
 AO,4901707,123,03/06/2016 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=44242287> ,PSAL,1010,1032,1,4  
 AO,4901707,123,03/06/2016 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=44242287> ,PSAL,1038,1046,1,4  
 AO,4901707,123,03/06/2016 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=44242287> ,PSAL,1052,1052,1,4  
 AO,4901707,123,03/06/2016 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=44242287> ,PSAL,1060,1076,1,4



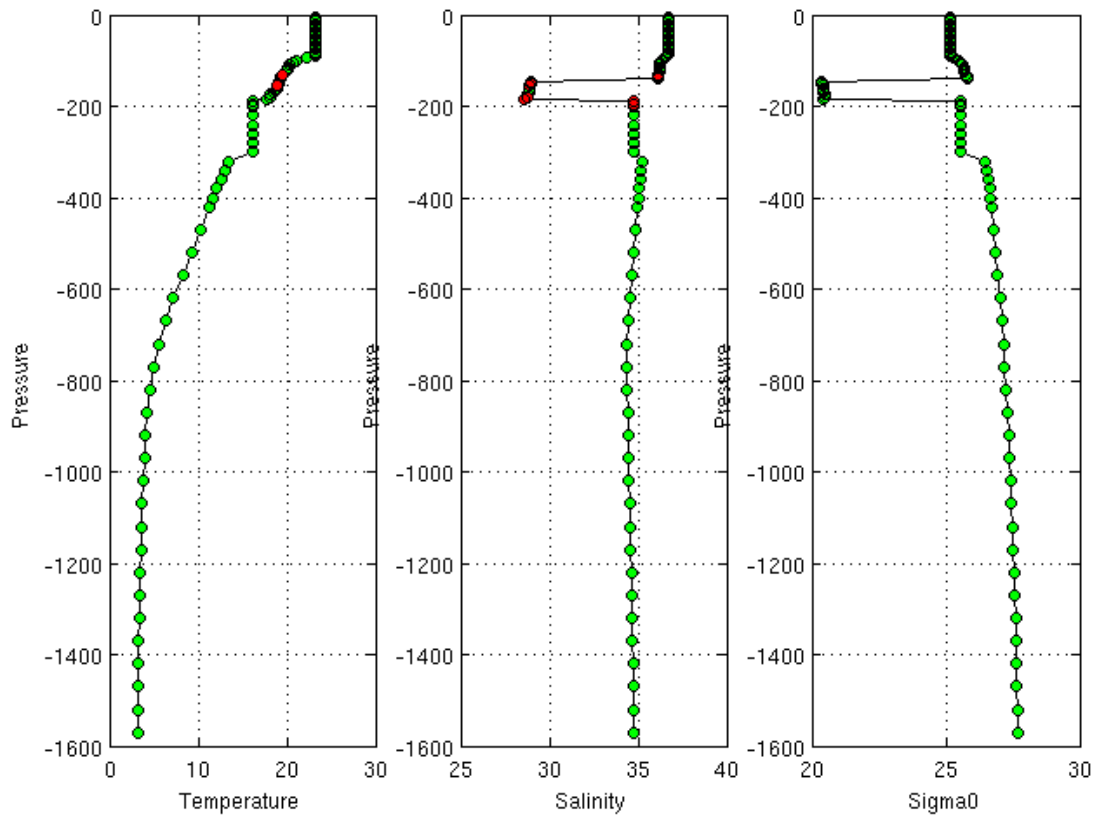




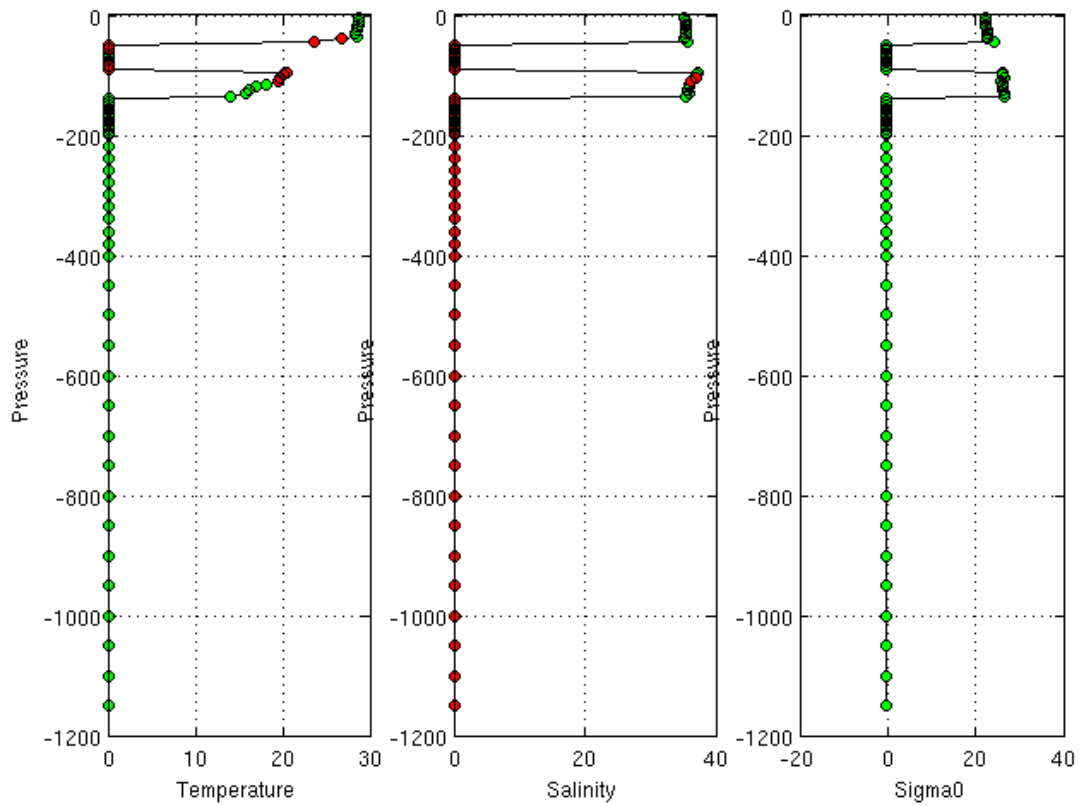




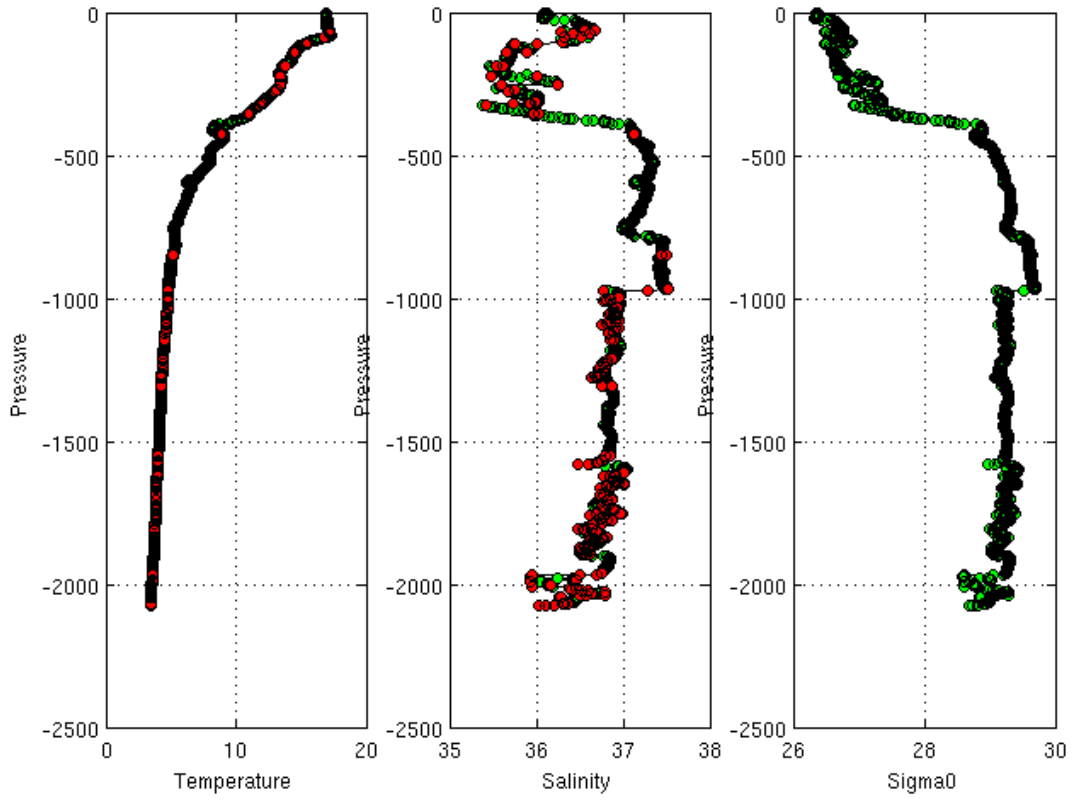
Warning Objective Analysis Anomalies 2016 June TEMP PSAL : DAC AO- Float 1900998-239



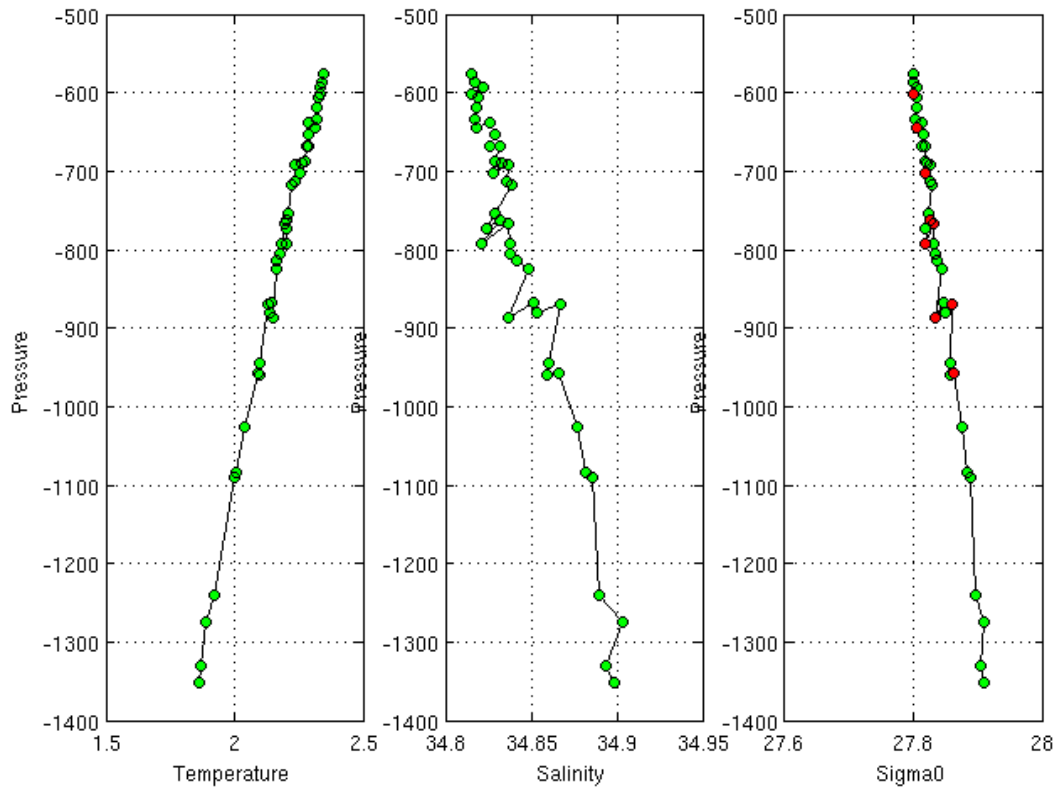
Warning Objective Analysis Anomalies 2016 June TEMP PSAL : DAC AO- Float 1901504-188



Warning Objective Analysis Anomalies 2016 June TEMP PSAL : DAC AO- Float 4901707-123

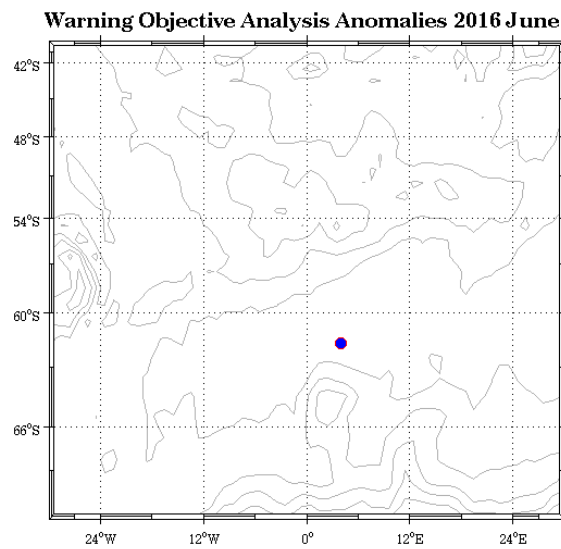


Warning Objective Analysis Anomalies 2016 June TEMP PSAL : DAC AO- Float 5902092-280



## 2. DAC BODC

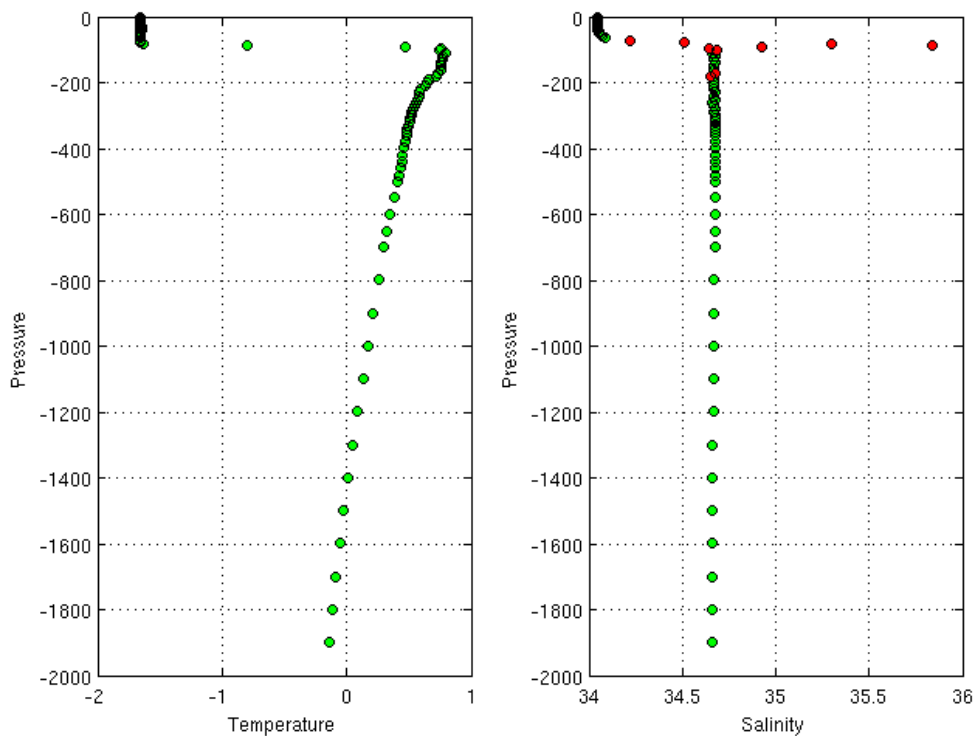
Profiles detected by the objective analysis: 1



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

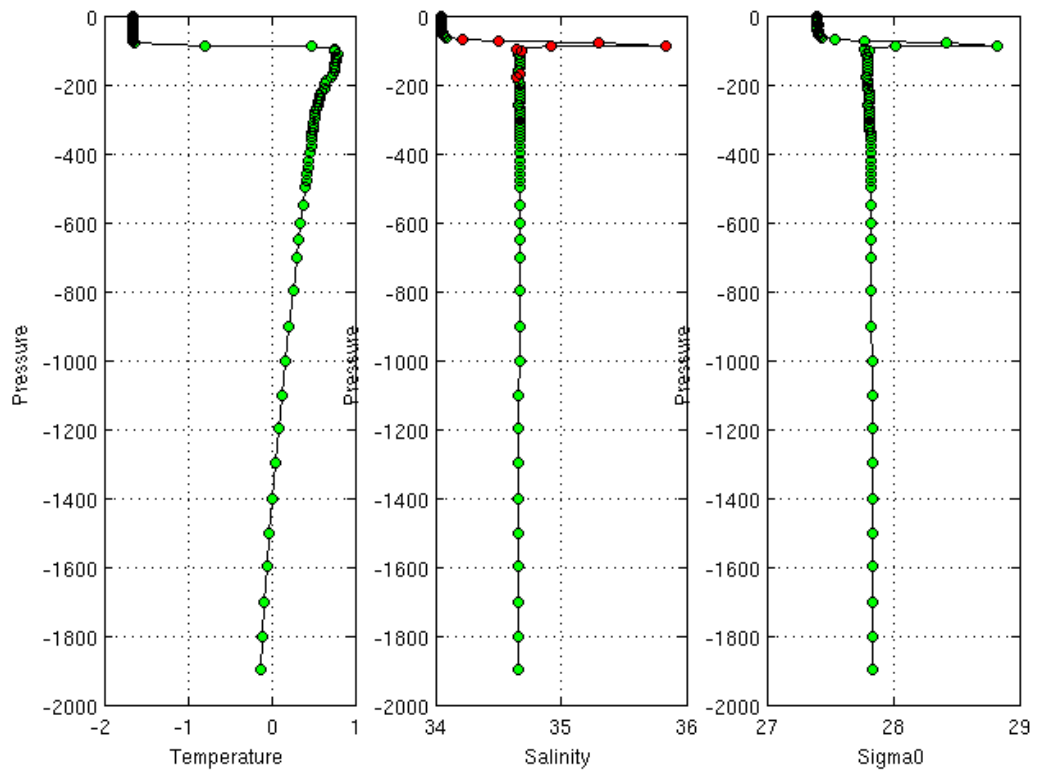
Float : 1901251 - Cycle : 226 - PI : Jon Turton - Data mode : R - INST REF : APEX-SBE 4502 - Date : 2016 6 12

### Warning Objective Analysis Anomalies 2016 June TEMP PSAL - DAC BO



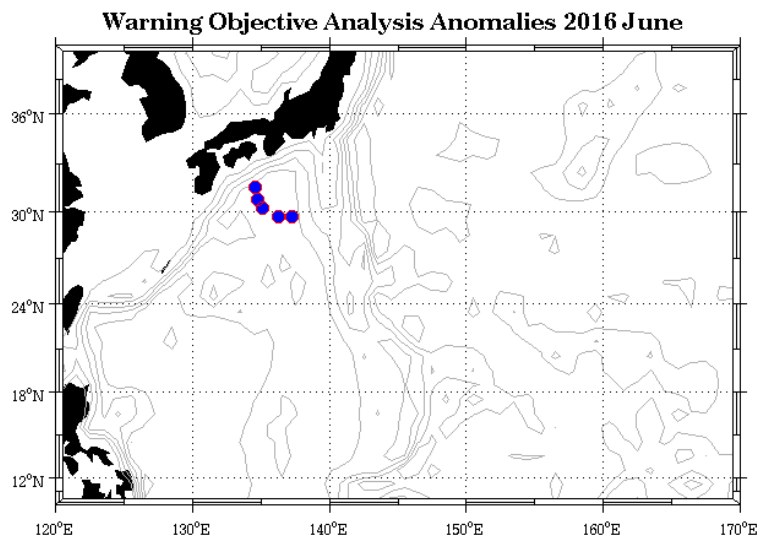
DAC\_CODE,PLATFORM\_CODE,CV\_NUMBER,DATE\_UPDATE,DIRECTION,WEB\_URL,PARAMETER,START\_IMMERSION,STOP\_IMMERSION,OLD\_QC,NEW\_QC  
BO,1901251,226,13/06/2016 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=44324077> ,PSAL,75.3,80.4,1,4

Example of corrections:



### 3. DAC CSIO

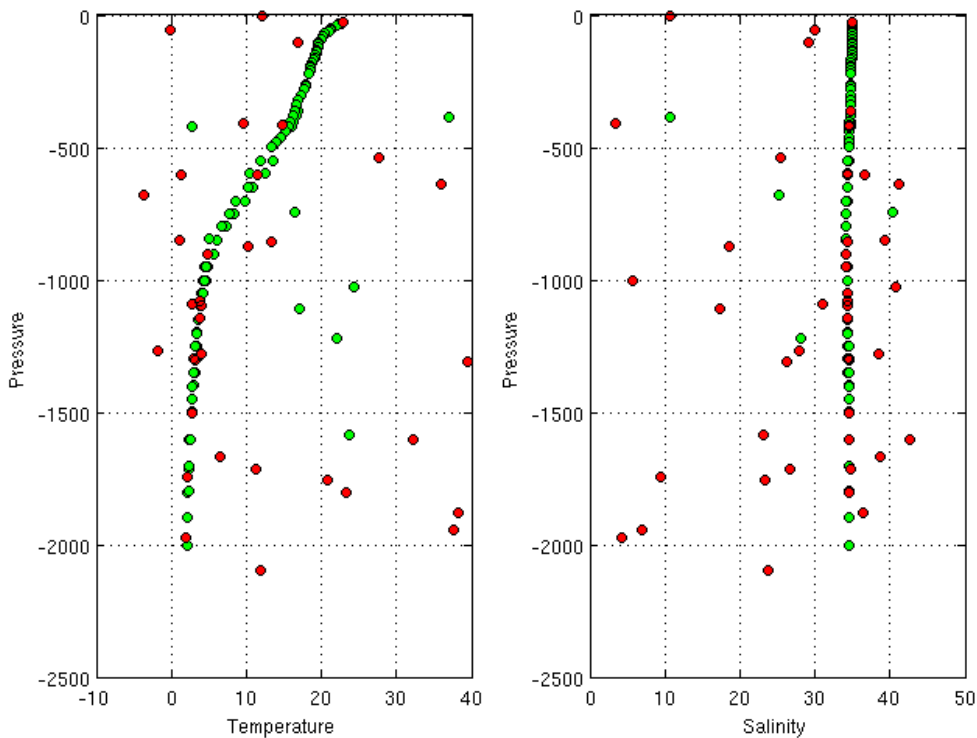
Profiles detected by the objective analysis: 5



**Status of corrections: no correction – no feedback**

Float : 2901572 - Cycle : 79 - PI : JIANPING XU - Data mode : A - INST REF : - Date : 2016 5 12  
Float : 2901572 - Cycle : 80 - PI : JIANPING XU - Data mode : A - INST REF : - Date : 2016 5 22  
Float : 2901572 - Cycle : 81 - PI : JIANPING XU - Data mode : A - INST REF : - Date : 2016 6 1  
Float : 2901572 - Cycle : 82 - PI : JIANPING XU - Data mode : A - INST REF : - Date : 2016 6 11  
Float : 2901572 - Cycle : 83 - PI : JIANPING XU - Data mode : A - INST REF : - Date : 2016 6 21

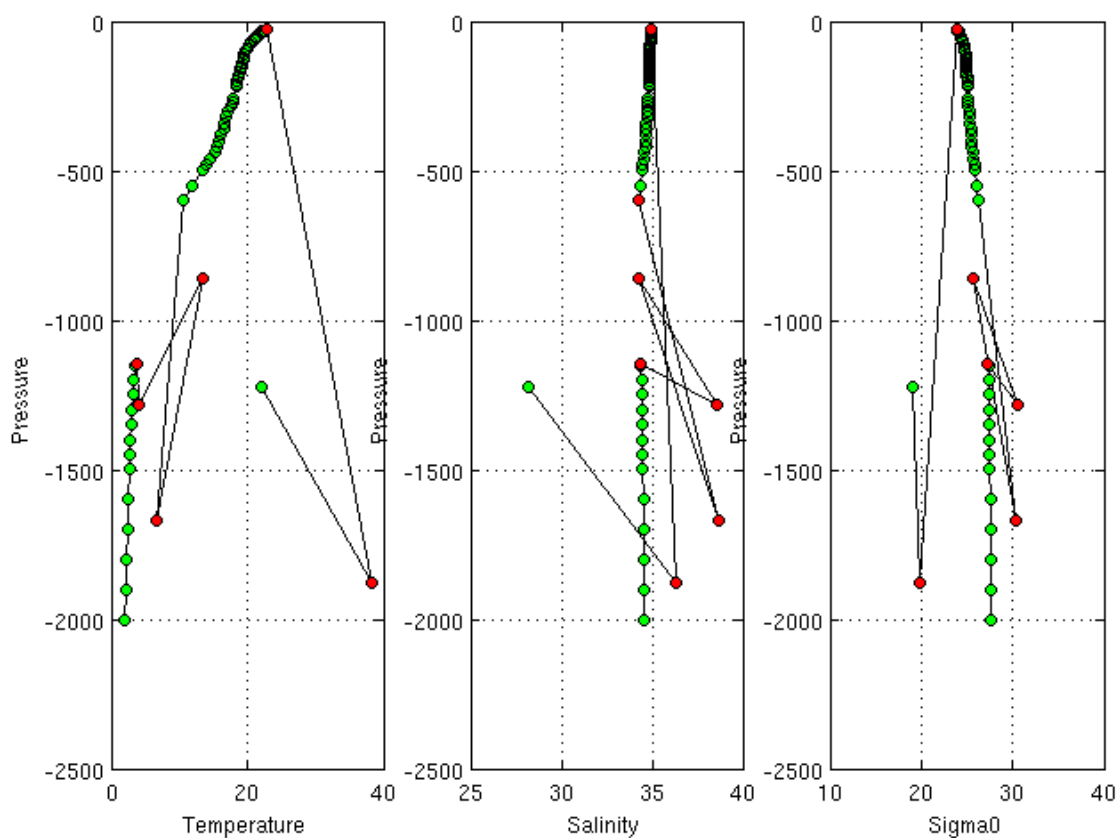
**Warning Objective Analysis Anomalies 2016 June TEMP PSAL - DAC HZ**



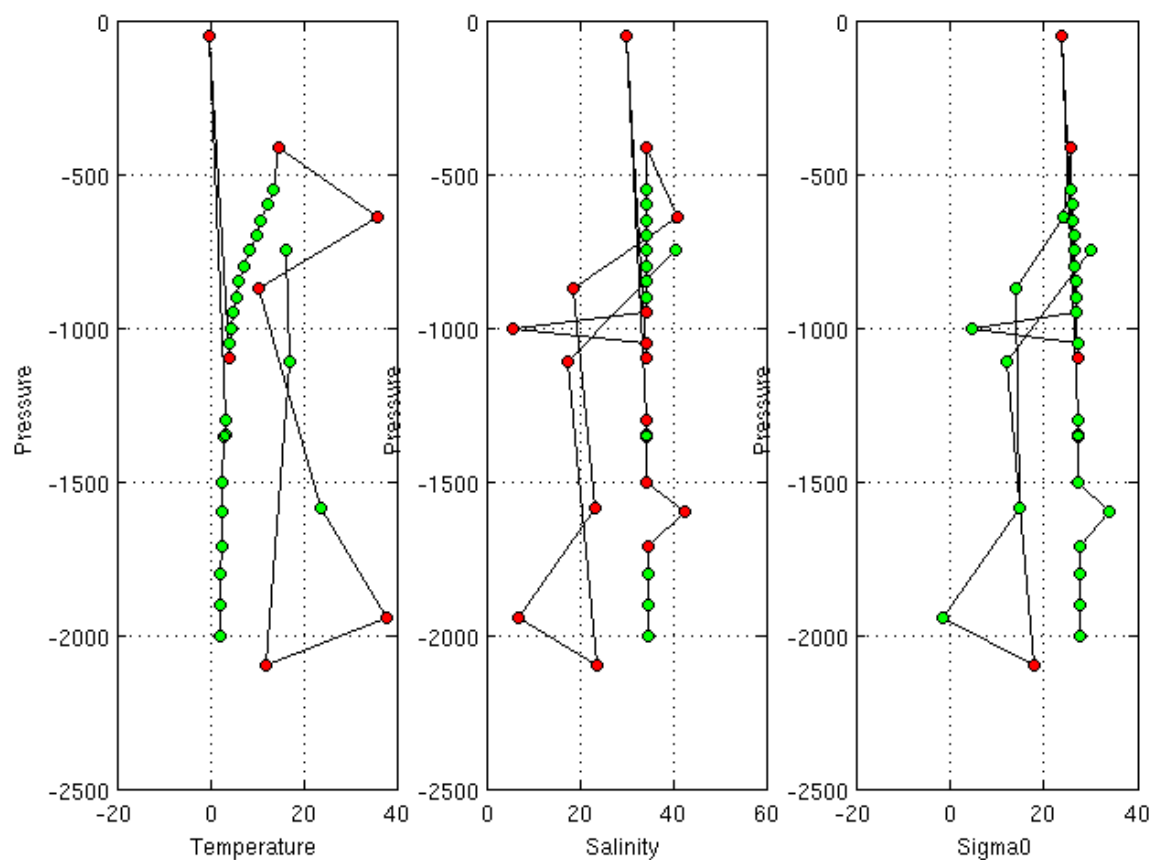
HZ,2901572,79,13/05/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=44323577 ,PSAL,384,384,1,4  
 HZ,2901572,79,13/05/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=44388926 ,PSAL,384,384,1,4  
 HZ,2901572,79,13/05/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=44388926 ,TEMP,384,384,1,4  
 HZ,2901572,80,23/05/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=44139734 ,PSAL,1222.5,1222.5,1,4  
 HZ,2901572,80,23/05/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=44139734 ,TEMP,1222.5,1222.5,1,4  
 HZ,2901572,80,23/05/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=44323575 ,PSAL,1222.5,1222.5,1,4  
 HZ,2901572,80,23/05/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=44323575 ,TEMP,1222.5,1222.5,1,4  
 HZ,2901572,80,23/05/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=44388921 ,PSAL,1222.5,1222.5,1,4  
 HZ,2901572,81,02/06/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=44239226 ,PSAL,679.1,679.1,1,4  
 HZ,2901572,81,02/06/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=44323576 ,PSAL,679.1,679.1,1,4  
 HZ,2901572,81,02/06/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=44388923 ,PSAL,679.1,679.1,1,4  
 HZ,2901572,82,12/06/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=44324021 ,PSAL,745.1,745.1,1,4  
 HZ,2901572,82,12/06/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=44324021 ,TEMP,745.1,1110.3,1,4  
 HZ,2901572,82,12/06/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=44388925 ,PSAL,745.1,745.1,1,4  
 HZ,2901572,82,12/06/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=44388925 ,TEMP,745.1,1110.3,1,4  
 HZ,2901572,83,22/06/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=44411824 ,TEMP,422.7,422.7,1,4

Example of corrections:

### Warning Objective Analysis Anomalies 2016 June TEMP PSAL : DAC HZ- Float 2901572-80



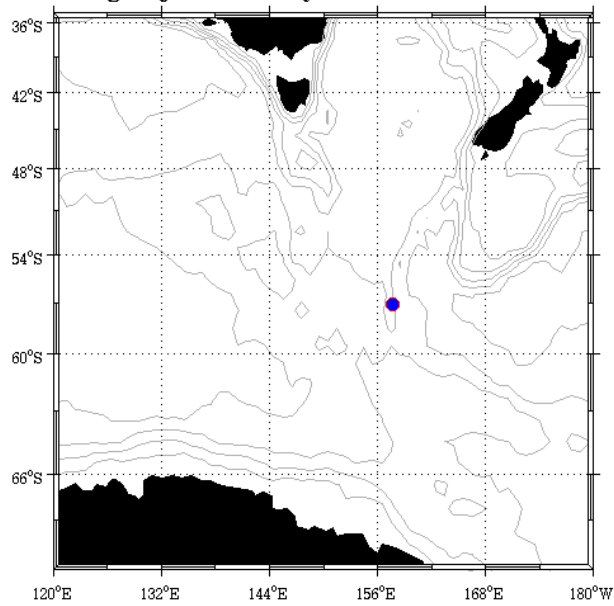




## 4. DAC CSIRO

Profiles detected by the objective analysis: 1

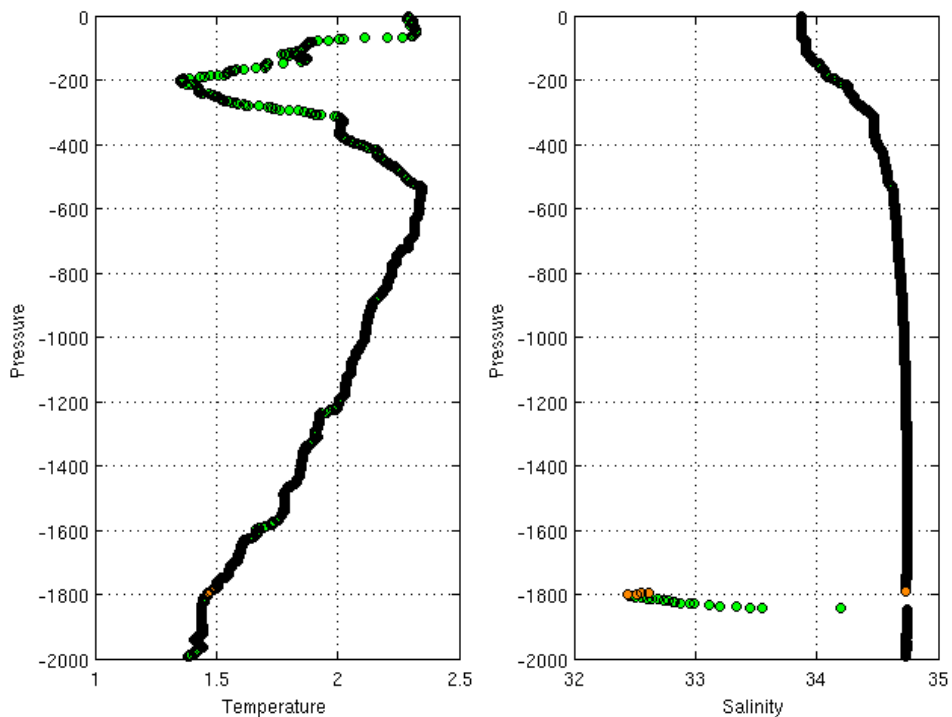
Warning Objective Analysis Anomalies 2016 June



**Status of corrections:** Correction not yet done

Float : 5905031 - Cycle : 6 - PI : Susan Wijffels - Data mode : A - INST REF : - Date : 2016 6 18

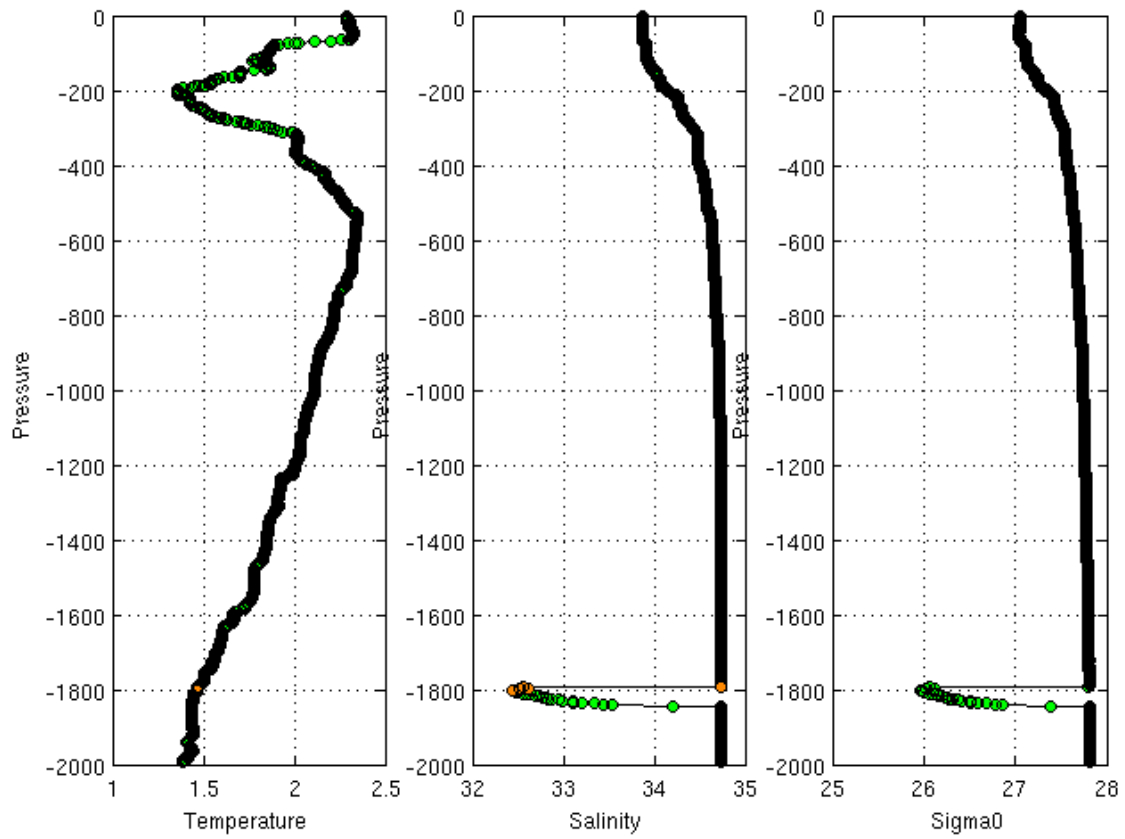
Warning Objective Analysis Anomalies 2016 June TEMP PSAL - DAC CS



DAC\_CODE,PLATFORM\_CODE,CV\_NUMBER,DATE\_UPDATE,DIRECTION,WEB\_URL,PARAMETER,START\_IMMERSION,STOP\_IMMERSION,OLD\_QC,NEW\_QC  
CS,5905031,6,20/06/2016 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=44391754> ,PSAL,1794,1844,3,4

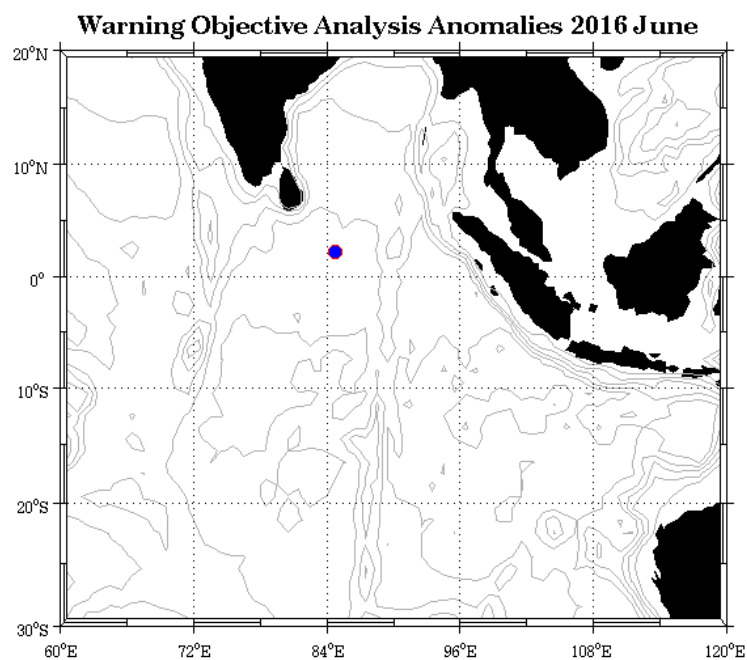
Example of corrections:

Warning Objective Analysis Anomalies 2016 June TEMP PSAL : DAC CS- Float 5905031-6



## 5. DAC INCOIS

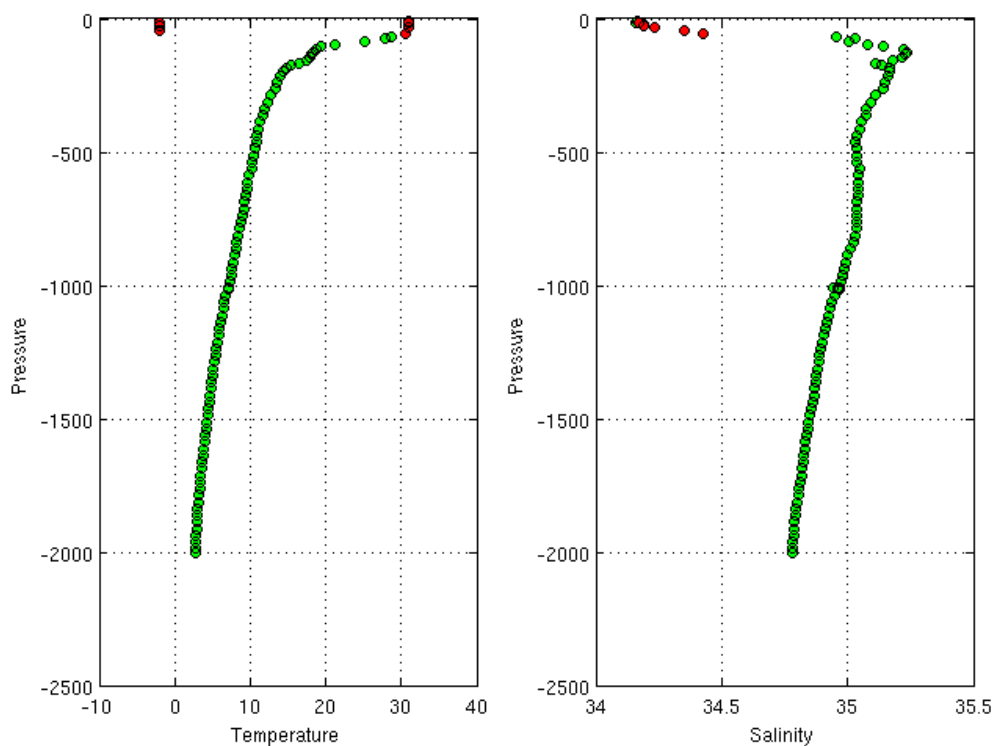
Profiles detected by the objective analysis: 1



**Status of corrections:** Correction not yet done (to be updated by Coriolis on GDAC, Provor floats)

Float : 2902136 - Cycle : 59 - PI : M Ravichandran - Data mode : A - INST REF : - Date : 2016 5 5

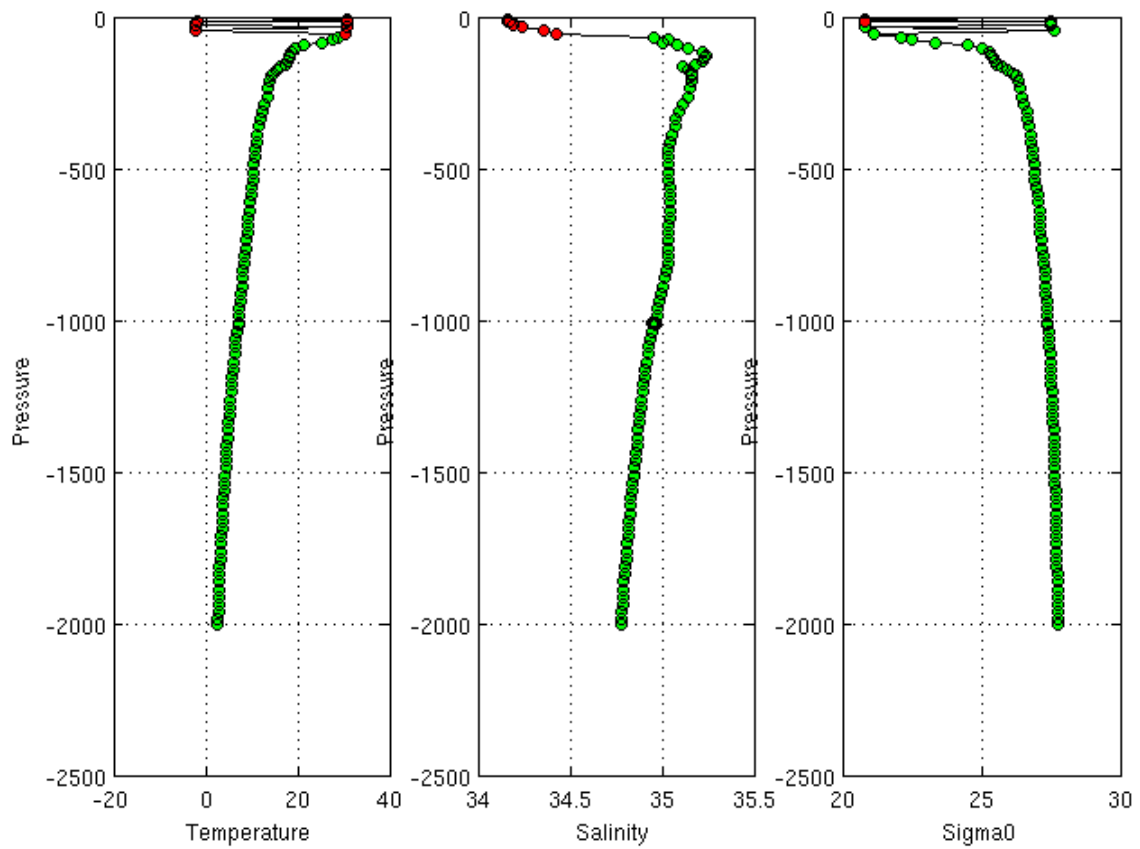
### Warning Objective Analysis Anomalies 2016 June TEMP PSAL - DAC IN



DAC\_CODE,PLATFORM\_CODE,CV\_NUMBER,DATE\_UPDATE,DIRECTION,WEB\_URL,PARAMETER,START\_IMMERSION,STOP\_IMMERSION,OLD\_QC,NEW\_QC  
IN,2902136,59,13/05/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=44066429 ,TEMP,19,23,1,4

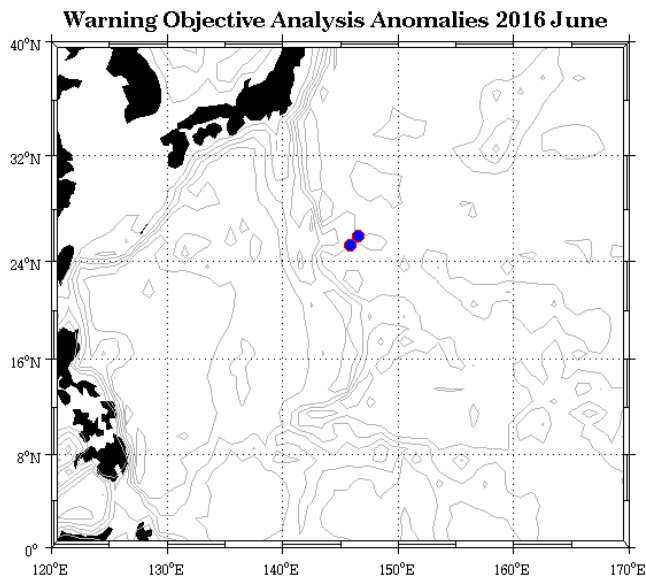
Example of corrections:

Warning Objective Analysis Anomalies 2016 June TEMP PSAL : DAC IN- Float 2902136-59



## 6. DAC JMA/JAMSTEC

Profiles detected by the objective analysis: 2

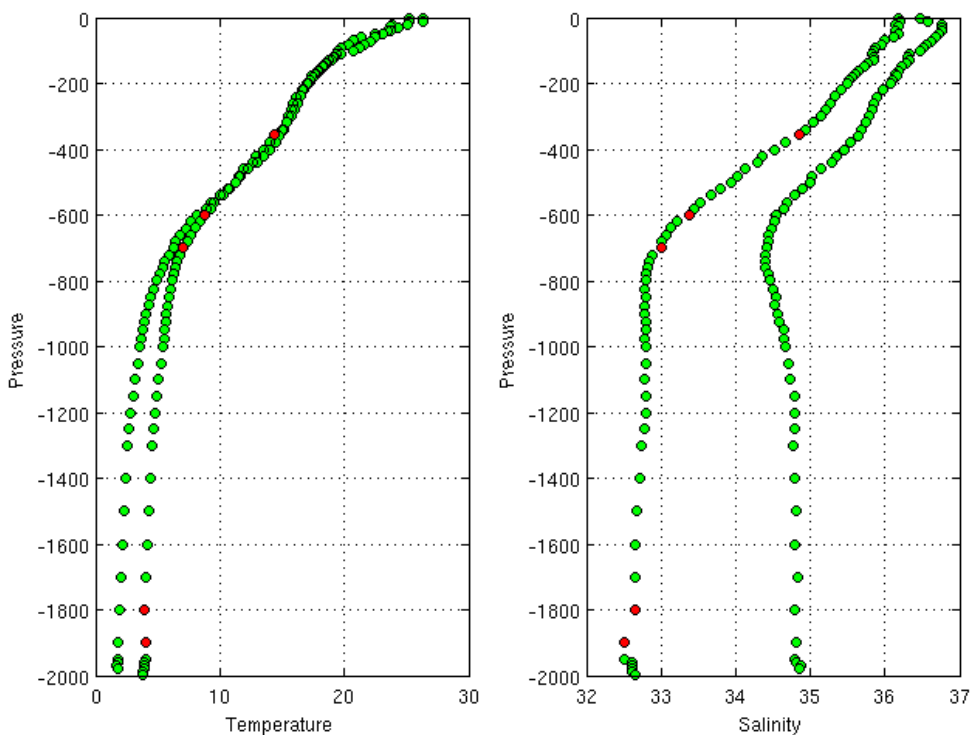


**Status of corrections: Corrections not done, no feedback**

Float : 2902965 - Cycle : 24 - PI : JMA - Data mode : A - INST REF : - Date : 2016 6 1

Float : 2902965 - Cycle : 28 - PI : JMA - Data mode : A - INST REF : - Date : 2016 6 21

**Warming Objective Analysis Anomalies 2016 June TEMP PSAL - DAC JA**

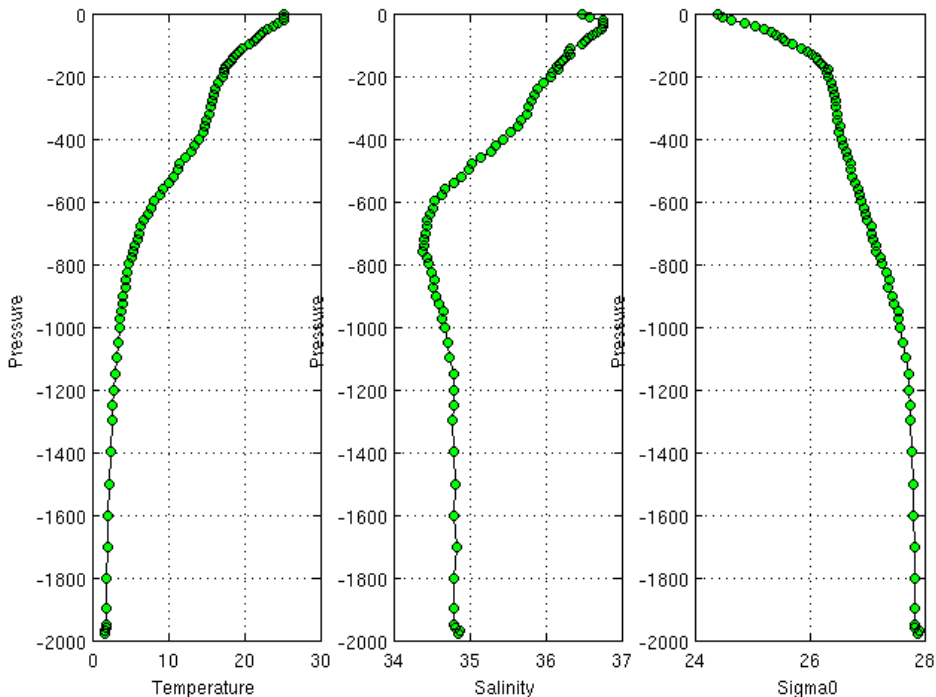


DAC\_CODE,PLATFORM\_CODE,CV\_NUMBER,DATE\_UPDATE,DIRECTION,WEB\_URL,PARAMETER,START\_IMMERSION,STOP\_IMMERSION,OLD\_QC,NEW\_QC  
 JA,2902965,24,01/06/2016 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=44224719> ,PSAL,1959.3,1977.8,1,4  
 JA,2902965,24,04/06/2016 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=44224719> ,PSAL,1949.3,1977.8,1,4  
 JA,2902965,28,21/06/2016 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=44408655> ,PSAL,4.6,340,1,4

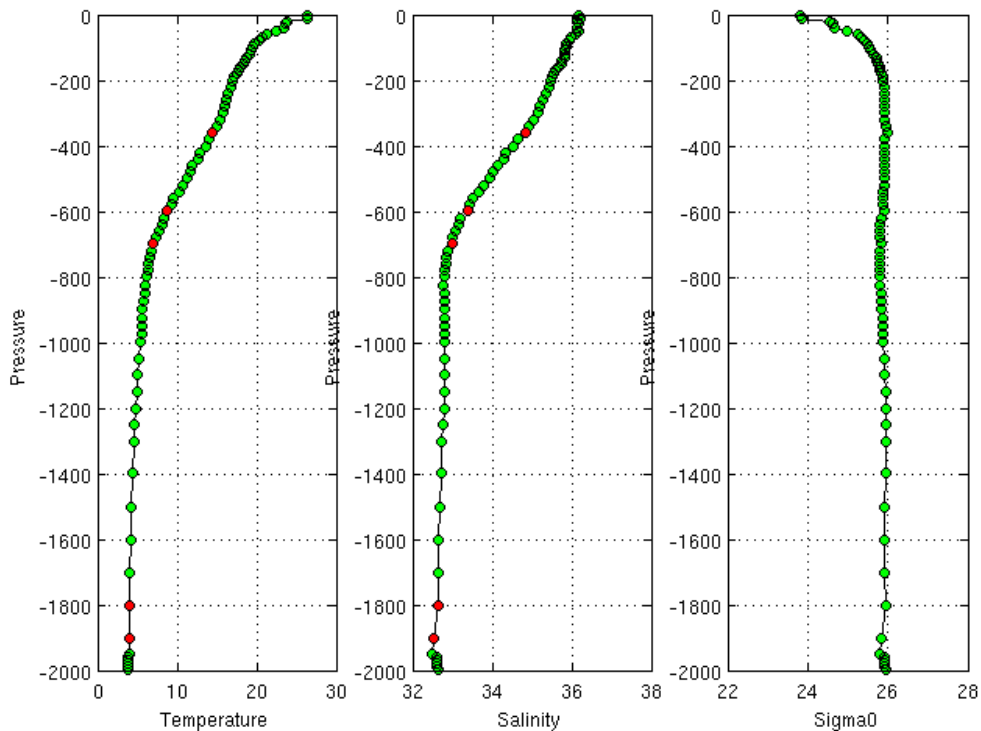
JA,2902965,28,21/06/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=44408655 ,PSAL,380.4,580.1,1,4  
JA,2902965,28,21/06/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=44408655 ,PSAL,620.680.3,1,4  
JA,2902965,28,21/06/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=44408655 ,PSAL,720.1,1700.3,1,4  
JA,2902965,28,21/06/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=44408655 ,PSAL,1949.5,1996.5,1,4  
JA,2902965,28,21/06/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=44408655 ,TEMP,759.9,1700.3,1,4  
JA,2902965,28,21/06/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=44408655 ,TEMP,1949.5,1996.5,1,4

Example of anomalies:

**Warning Objective Analysis Anomalies 2016 June TEMP PSAL : DAC JA- Float 2902965-24**



**Warning Objective Analysis Anomalies 2016 June TEMP PSAL : DAC JA- Float 2902965-28**



## 7. DAC KMA

Profiles detected by the objective analysis: 0

**Status of corrections:**

Example of anomalies:



## 8. DAC KORDI

Profiles detected by the objective analysis: 0

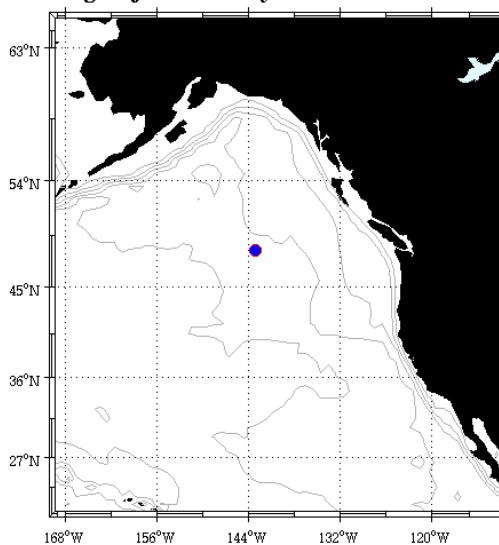
**Status of corrections:**

Example of anomalies:

## 9. DAC MEDS

Profiles detected by the objective analysis: 1

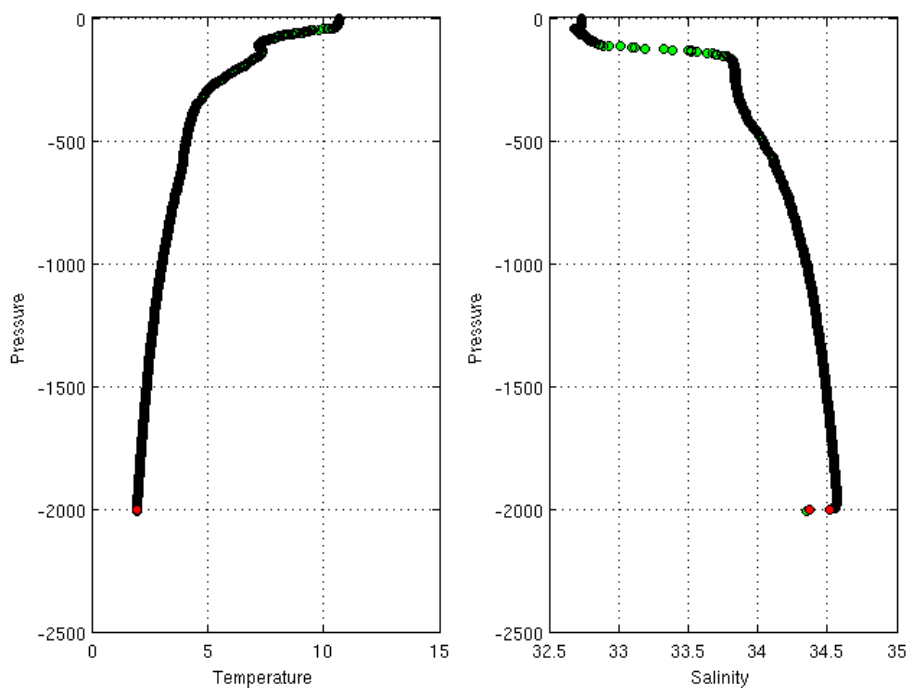
Warning Objective Analysis Anomalies 2016 June



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

Float : 4901795 - Cycle : 35 - PI : Blair Greenan - Data mode : A - INST REF : - Date : 2016 6 21

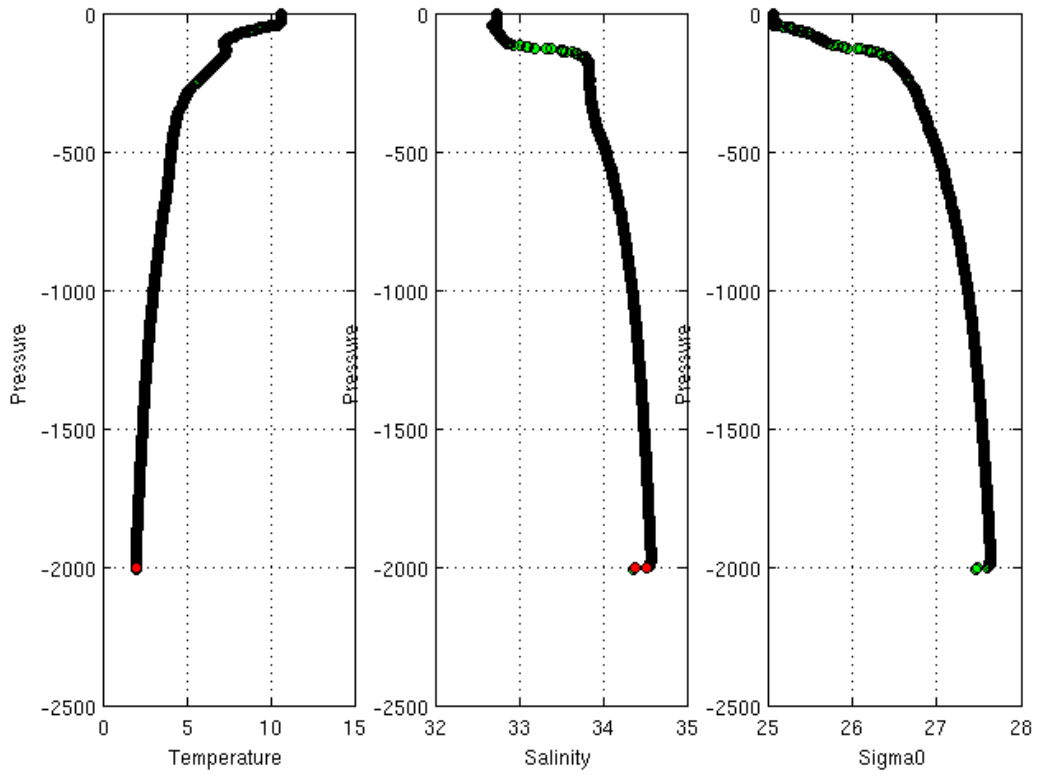
Warning Objective Analysis Anomalies 2016 June TEMP PSAL - DAC ME



DAC\_CODE,PLATFORM\_CODE,CV\_NUMBER,DATE\_UPDATE,DIRECTION,WEB\_URL,PARAMETER,START\_IMMERSION,STOP\_IMMERSION,OLD\_QC,NEW\_QC  
ME,4901795,35,21/06/2016 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=44408700> ,PSAL,2011.3,2011.3,1,4

Example of anomalies:

Warning Objective Analysis Anomalies 2016 June TEMP PSAL : DAC ME- Float 4901795-35



## 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 : 5967**

1900167 - Existing nc files

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

1900168 - Existing nc files

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

1901815 - Existing nc files

File : 1901815\_Rtraj.nc - 1901815\_meta.nc - 1901815\_prof.nc -

1901816 - Existing nc files

File : 1901816\_Rtraj.nc - 1901816\_meta.nc - 1901816\_prof.nc -

1901817 - Existing nc files

File : 1901817\_Rtraj.nc - 1901817\_meta.nc - 1901817\_prof.nc -

1901818 - Existing nc files

File : 1901818\_Rtraj.nc - 1901818\_meta.nc - 1901818\_prof.nc -

1901819 - Existing nc files

File : 1901819\_Rtraj.nc - 1901819\_meta.nc - 1901819\_prof.nc -

1901820 - Existing nc files

File : 1901820\_Rtraj.nc - 1901820\_meta.nc - 1901820\_prof.nc -

1901821 - Existing nc files

File : 1901821\_Rtraj.nc - 1901821\_meta.nc - 1901821\_prof.nc -

2901106 - Existing nc files

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

2902398 - Existing nc files

File : 2902398\_meta.nc - 2902398\_prof.nc - 2902398\_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 -

3901220 - Existing nc files

File : 3901220\_meta.nc - 3901220\_prof.nc - 3901220\_tech.nc -

3901227 - Existing nc files

File : 3901227\_meta.nc - 3901227\_prof.nc - 3901227\_tech.nc -

39029 - Existing nc files

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

41534 - Existing nc files

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

4900228 - Existing nc files

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

4900229 - Existing nc files

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

4900230 - Existing nc files

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

4900268 - Existing nc files

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

4900269 - Existing nc files

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

4900270 - Existing nc files

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

4900271 - Existing nc files

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

4900272 - Existing nc files

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

4900273 - Existing nc files

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

4900287 - Existing nc files

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

4900358 - Existing nc files

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

4900361 - Existing nc files

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

4900366 - Existing nc files

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

4900367 - Existing nc files

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

4900382 - Existing nc files

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

4900383 - Existing nc files

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

4900385 - Existing nc files

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

4900426 - Existing nc files

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

4900427 - Existing nc files

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

4900428 - Existing nc files

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

4900550 - Existing nc files

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

4900583 - Existing nc files

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

4900779 - Existing nc files

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

4901485 - Existing nc files

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

4901537 - Existing nc files

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

4901560 - Existing nc files

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

4901575 - Existing nc files

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

4901577 - Existing nc files

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

4902100 - Existing nc files

File : 4902100\_meta.nc - 4902100\_prof.nc - 4902100\_tech.nc -

4902310 - Existing nc files

File : 4902310\_Rtraj.nc - 4902310\_meta.nc - 4902310\_prof.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 -

5904593 - Existing nc files

File : 5904593\_Rtraj.nc - 5904593\_meta.nc - 5904593\_prof.nc -

5904681 - Existing nc files

File : 5904681\_Rtraj.nc - 5904681\_meta.nc - 5904681\_tech.nc -

5904768 - Existing nc files

File : 5904768\_Rtraj.nc - 5904768\_meta.nc - 5904768\_prof.nc

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

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

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

**aoml - R3901171\_044.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 = "4" ;  
JULD_LOCATION = _ ;  
LATITUDE = _ ;  
LONGITUDE = _ ;  
POSITION_QC = "9" ;
```

## **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 : 520**

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 -

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 -

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 -

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 -

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 -

### 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 : 2278**

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 -

1901349 - Existing nc files

File : 1901349\_meta.nc - 1901349\_prof.nc - 1901349\_tech.nc -

5903129 - Existing nc files

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

6900215 - Existing nc files

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

6900217 - Existing nc files

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

6900831 - Existing nc files

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

6900940 - Existing nc files

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

6901000 - Existing nc files

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

6901069 - Existing nc files

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

6901224 - Existing nc files

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

6901244 - Existing nc files

File : 6901244\_meta.nc - 6901244\_prof.nc - 6901244\_tech.nc -

6901438 - Existing nc files

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

6901469 - Existing nc files

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

6901551 - Existing nc files

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

6901594 - Existing nc files

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

69016 - Existing nc files

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

6901615 - Existing nc files

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

69017 - Existing nc files

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

69018 - Existing nc files

File : 69018\_meta.nc - 69018\_prof.nc - 69018\_tech.nc -

6901820 - Existing nc files

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

6901844 - Existing nc files

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

6901854 - Existing nc files

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

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 -

69021 - Existing nc files

File : 69021\_meta.nc - 69021\_prof.nc - 69021\_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 : 333**

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\_meta.nc - 2902670\_prof.nc -

2902671 - Existing nc files

File : 2902671\_meta.nc - 2902671\_prof.nc -

2902672 - Existing nc files

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

2902673 - Existing nc files

File : 2902673\_meta.nc - 2902673\_prof.nc -

2902674 - Existing nc files

File : 2902674\_meta.nc - 2902674\_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 : 739**

1901331 - Existing nc files

File : 1901331\_meta.nc - 1901331\_prof.nc - 1901331\_tech.nc -

1901332 - Existing nc files

File : 1901332\_meta.nc - 1901332\_prof.nc - 1901332\_tech.nc -

1901333 - Existing nc files

File : 1901333\_meta.nc - 1901333\_prof.nc - 1901333\_tech.nc -

1901334 - Existing nc files

File : 1901334\_meta.nc - 1901334\_prof.nc - 1901334\_tech.nc -

1901335 - Existing nc files

File : 1901335\_meta.nc - 1901335\_prof.nc - 1901335\_tech.nc -

1901336 - Existing nc files

File : 1901336\_meta.nc - 1901336\_prof.nc - 1901336\_tech.nc -

1901337 - Existing nc files

File : 1901337\_meta.nc - 1901337\_prof.nc - 1901337\_tech.nc -

1901340 - Existing nc files

File : 1901340\_meta.nc - 1901340\_prof.nc - 1901340\_tech.nc -

1901341 - Existing nc files

File : 1901341\_meta.nc - 1901341\_prof.nc - 1901341\_tech.nc -

1901342 - Existing nc files

File : 1901342\_meta.nc - 1901342\_prof.nc - 1901342\_tech.nc -

1901343 - Existing nc files

File : 1901343\_meta.nc - 1901343\_prof.nc - 1901343\_tech.nc -

1901344 - Existing nc files

File : 1901344\_meta.nc - 1901344\_prof.nc - 1901344\_tech.nc -

1901345 - Existing nc files

File : 1901345\_meta.nc - 1901345\_prof.nc - 1901345\_tech.nc -

1901346 - Existing nc files

File : 1901346\_meta.nc - 1901346\_prof.nc - 1901346\_tech.nc -

1901734 - Existing nc files

File : 1901734\_meta.nc - 1901734\_prof.nc - 1901734\_tech.nc -

2901852 - Existing nc files

File : 2901852\_meta.nc - 2901852\_prof.nc - 2901852\_tech.nc -

2901853 - Existing nc files

File : 2901853\_meta.nc - 2901853\_prof.nc - 2901853\_tech.nc -

2901854 - Existing nc files

File : 2901854\_meta.nc - 2901854\_prof.nc - 2901854\_tech.nc -

2901855 - Existing nc files

File : 2901855\_meta.nc - 2901855\_prof.nc - 2901855\_tech.nc -

2901856 - Existing nc files

File : 2901856\_meta.nc - 2901856\_prof.nc - 2901856\_tech.nc -

2901857 - Existing nc files

File : 2901857\_meta.nc - 2901857\_prof.nc - 2901857\_tech.nc -

2901859 - Existing nc files

File : 2901859\_meta.nc - 2901859\_prof.nc - 2901859\_tech.nc -

2901860 - Existing nc files

File : 2901860\_meta.nc - 2901860\_prof.nc - 2901860\_tech.nc -

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 -

5904263 - Existing nc files  
File : 5904263\_meta.nc - 5904263\_prof.nc - 5904263\_tech.nc -

5904264 - Existing nc files  
File : 5904264\_meta.nc - 5904264\_prof.nc - 5904264\_tech.nc -

5904265 - Existing nc files  
File : 5904265\_meta.nc - 5904265\_prof.nc - 5904265\_tech.nc -

5904266 - Existing nc files  
File : 5904266\_meta.nc - 5904266\_prof.nc - 5904266\_tech.nc -

5904267 - Existing nc files  
File : 5904267\_meta.nc - 5904267\_prof.nc - 5904267\_tech.nc -

5904881 - Existing nc files  
File : 5904881\_meta.nc - 5904881\_prof.nc - 5904881\_tech.nc -

5904883 - Existing nc files  
File : 5904883\_meta.nc - 5904883\_prof.nc - 5904883\_tech.nc -

5904884 - Existing nc files  
File : 5904884\_meta.nc - 5904884\_prof.nc - 5904884\_tech.nc -

5904885 - Existing nc files  
File : 5904885\_meta.nc - 5904885\_prof.nc - 5904885\_tech.nc -

5904886 - Existing nc files  
File : 5904886\_meta.nc - 5904886\_prof.nc - 5904886\_tech.nc -

5904887 - Existing nc files  
File : 5904887\_meta.nc - 5904887\_prof.nc - 5904887\_tech.nc -

5904888 - Existing nc files  
File : 5904888\_meta.nc - 5904888\_prof.nc - 5904888\_tech.nc -

5904889 - Existing nc files  
File : 5904889\_meta.nc - 5904889\_prof.nc - 5904889\_tech.nc -

5904890 - Existing nc files  
File : 5904890\_meta.nc - 5904890\_prof.nc - 5904890\_tech.nc -

5904891 - Existing nc files  
File : 5904891\_meta.nc - 5904891\_prof.nc - 5904891\_tech.nc -

5904892 - Existing nc files  
File : 5904892\_meta.nc - 5904892\_prof.nc - 5904892\_tech.nc -

5904893 - Existing nc files  
File : 5904893\_meta.nc - 5904893\_prof.nc - 5904893\_tech.nc -

5904894 - Existing nc files  
File : 5904894\_meta.nc - 5904894\_prof.nc - 5904894\_tech.nc -

5904895 - Existing nc files  
File : 5904895\_meta.nc - 5904895\_prof.nc - 5904895\_tech.nc -

5904896 - Existing nc files  
File : 5904896\_meta.nc - 5904896\_prof.nc - 5904896\_tech.nc -

5904897 - Existing nc files  
File : 5904897\_meta.nc - 5904897\_prof.nc - 5904897\_tech.nc -

5904898 - Existing nc files  
File : 5904898\_meta.nc - 5904898\_prof.nc - 5904898\_tech.nc -

5904899 - Existing nc files  
File : 5904899\_meta.nc - 5904899\_prof.nc - 5904899\_tech.nc -

5904900 - Existing nc files  
File : 5904900\_meta.nc - 5904900\_prof.nc - 5904900\_tech.nc -

5904901 - Existing nc files  
File : 5904901\_meta.nc - 5904901\_prof.nc - 5904901\_tech.nc -

5904902 - Existing nc files  
File : 5904902\_meta.nc - 5904902\_prof.nc - 5904902\_tech.nc -

5904903 - Existing nc files  
File : 5904903\_meta.nc - 5904903\_prof.nc - 5904903\_tech.nc -

5904904 - Existing nc files  
File : 5904904\_meta.nc - 5904904\_prof.nc - 5904904\_tech.nc -

5904905 - Existing nc files  
File : 5904905\_meta.nc - 5904905\_prof.nc - 5904905\_tech.nc -

5904907 - Existing nc files  
File : 5904907\_meta.nc - 5904907\_prof.nc - 5904907\_tech.nc -

5904908 - Existing nc files  
File : 5904908\_meta.nc - 5904908\_prof.nc - 5904908\_tech.nc -

5904911 - Existing nc files  
File : 5904911\_meta.nc - 5904911\_prof.nc - 5904911\_tech.nc -

5904912 - Existing nc files  
File : 5904912\_meta.nc - 5904912\_prof.nc - 5904912\_tech.nc -

5904913 - Existing nc files  
File : 5904913\_meta.nc - 5904913\_prof.nc - 5904913\_tech.nc -

5904914 - Existing nc files  
File : 5904914\_meta.nc - 5904914\_prof.nc - 5904914\_tech.nc -

5904915 - Existing nc files  
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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 -

5904919 - Existing nc files  
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5904920 - Existing nc files  
File : 5904920\_meta.nc - 5904920\_prof.nc - 5904920\_tech.nc -

5904921 - Existing nc files  
File : 5904921\_meta.nc - 5904921\_prof.nc - 5904921\_tech.nc -

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

5904926 - Existing nc files  
File : 5904926\_meta.nc - 5904926\_prof.nc - 5904926\_tech.nc -

5904927 - Existing nc files  
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5904928 - Existing nc files  
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5904929 - Existing nc files  
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5904930 - Existing nc files  
File : 5904930\_meta.nc - 5904930\_prof.nc - 5904930\_tech.nc -

5904994 - Existing nc files  
File : 5904994\_meta.nc - 5904994\_prof.nc - 5904994\_tech.nc -

5904995 - Existing nc files  
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5904996 - Existing nc files  
File : 5904996\_meta.nc - 5904996\_prof.nc - 5904996\_tech.nc -

5904997 - Existing nc files  
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5904998 - Existing nc files  
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5904999 - Existing nc files  
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5905000 - Existing nc files  
File : 5905000\_meta.nc - 5905000\_prof.nc - 5905000\_tech.nc -

5905001 - Existing nc files  
File : 5905001\_meta.nc - 5905001\_prof.nc - 5905001\_tech.nc -

5905002 - Existing nc files  
File : 5905002\_meta.nc - 5905002\_prof.nc - 5905002\_tech.nc -

5905003 - Existing nc files  
File : 5905003\_meta.nc - 5905003\_prof.nc - 5905003\_tech.nc -

5905004 - Existing nc files  
File : 5905004\_meta.nc - 5905004\_prof.nc - 5905004\_tech.nc -

5905005 - Existing nc files  
File : 5905005\_meta.nc - 5905005\_prof.nc - 5905005\_tech.nc -

5905006 - Existing nc files  
File : 5905006\_meta.nc - 5905006\_prof.nc - 5905006\_tech.nc -

5905007 - Existing nc files  
File : 5905007\_meta.nc - 5905007\_prof.nc - 5905007\_tech.nc -

5905008 - Existing nc files  
File : 5905008\_meta.nc - 5905008\_prof.nc - 5905008\_tech.nc -

5905009 - Existing nc files  
File : 5905009\_meta.nc - 5905009\_prof.nc - 5905009\_tech.nc -

5905010 - Existing nc files  
File : 5905010\_meta.nc - 5905010\_prof.nc - 5905010\_tech.nc -

5905011 - Existing nc files  
File : 5905011\_meta.nc - 5905011\_prof.nc - 5905011\_tech.nc -

5905012 - Existing nc files  
File : 5905012\_meta.nc - 5905012\_prof.nc - 5905012\_tech.nc -

5905013 - Existing nc files  
File : 5905013\_meta.nc - 5905013\_prof.nc - 5905013\_tech.nc -

5905014 - Existing nc files  
File : 5905014\_meta.nc - 5905014\_prof.nc - 5905014\_tech.nc -

5905015 - Existing nc files  
File : 5905015\_meta.nc - 5905015\_prof.nc - 5905015\_tech.nc -

5905017 - Existing nc files  
File : 5905017\_meta.nc - 5905017\_prof.nc - 5905017\_tech.nc -

5905018 - Existing nc files  
File : 5905018\_meta.nc - 5905018\_prof.nc - 5905018\_tech.nc -

5905019 - Existing nc files  
File : 5905019\_meta.nc - 5905019\_prof.nc - 5905019\_tech.nc -

5905020 - Existing nc files  
File : 5905020\_meta.nc - 5905020\_prof.nc - 5905020\_tech.nc -

5905021 - Existing nc files  
File : 5905021\_meta.nc - 5905021\_prof.nc - 5905021\_tech.nc -

5905024 - Existing nc files  
File : 5905024\_meta.nc - 5905024\_prof.nc - 5905024\_tech.nc -

5905025 - Existing nc files  
File : 5905025\_meta.nc - 5905025\_prof.nc - 5905025\_tech.nc -

5905026 - Existing nc files  
File : 5905026\_meta.nc - 5905026\_prof.nc - 5905026\_tech.nc -

5905027 - Existing nc files  
File : 5905027\_meta.nc - 5905027\_prof.nc - 5905027\_tech.nc -

5905028 - Existing nc files  
File : 5905028\_meta.nc - 5905028\_prof.nc - 5905028\_tech.nc -

5905029 - Existing nc files  
File : 5905029\_meta.nc - 5905029\_prof.nc - 5905029\_tech.nc -

5905031 - Existing nc files  
File : 5905031\_meta.nc - 5905031\_prof.nc - 5905031\_tech.nc -

5905032 - Existing nc files  
File : 5905032\_meta.nc - 5905032\_prof.nc - 5905032\_tech.nc -

5905033 - Existing nc files  
File : 5905033\_meta.nc - 5905033\_prof.nc - 5905033\_tech.nc -

5905034 - Existing nc files  
File : 5905034\_meta.nc - 5905034\_prof.nc - 5905034\_tech.nc -

5905035 - Existing nc files  
File : 5905035\_meta.nc - 5905035\_prof.nc - 5905035\_tech.nc -

5905036 - Existing nc files  
File : 5905036\_meta.nc - 5905036\_prof.nc - 5905036\_tech.nc -

5905037 - Existing nc files  
File : 5905037\_meta.nc - 5905037\_prof.nc - 5905037\_tech.nc -

5905038 - Existing nc files  
File : 5905038\_meta.nc - 5905038\_prof.nc - 5905038\_tech.nc -

7900390 - Existing nc files  
File : 7900390\_meta.nc - 7900390\_prof.nc - 7900390\_tech.nc -

7900391 - Existing nc files  
File : 7900391\_meta.nc - 7900391\_prof.nc - 7900391\_tech.nc -

7900392 - Existing nc files  
File : 7900392\_meta.nc - 7900392\_prof.nc - 7900392\_tech.nc -

7900393 - Existing nc files  
File : 7900393\_meta.nc - 7900393\_prof.nc - 7900393\_tech.nc -

7900394 - Existing nc files  
File : 7900394\_meta.nc - 7900394\_prof.nc - 7900394\_tech.nc -

7900395 - Existing nc files  
File : 7900395\_meta.nc - 7900395\_prof.nc - 7900395\_tech.nc -

7900396 - Existing nc files  
File : 7900396\_meta.nc - 7900396\_prof.nc - 7900396\_tech.nc -

7900397 - Existing nc files  
File : 7900397\_meta.nc - 7900397\_prof.nc - 7900397\_tech.nc -

7900398 - Existing nc files  
File : 7900398\_meta.nc - 7900398\_prof.nc - 7900398\_tech.nc -

7900602 - Existing nc files  
File : 7900602\_meta.nc - 7900602\_prof.nc - 7900602\_tech.nc -

7900603 - Existing nc files  
File : 7900603\_meta.nc - 7900603\_prof.nc - 7900603\_tech.nc -

7900604 - Existing nc files  
File : 7900604\_meta.nc - 7900604\_prof.nc - 7900604\_tech.nc -

7900605 - Existing nc files  
File : 7900605\_meta.nc - 7900605\_prof.nc - 7900605\_tech.nc -

7900606 - Existing nc files  
File : 7900606\_meta.nc - 7900606\_prof.nc - 7900606\_tech.nc -

7900607 - Existing nc files  
File : 7900607\_meta.nc - 7900607\_prof.nc - 7900607\_tech.nc -

7900608 - Existing nc files  
File : 7900608\_meta.nc - 7900608\_prof.nc - 7900608\_tech.nc -

7900609 - Existing nc files  
File : 7900609\_meta.nc - 7900609\_prof.nc - 7900609\_tech.nc -

7900610 - Existing nc files  
File : 7900610\_meta.nc - 7900610\_prof.nc - 7900610\_tech.nc -

7900611 - Existing nc files  
File : 7900611\_meta.nc - 7900611\_prof.nc - 7900611\_tech.nc -

7900612 - Existing nc files  
File : 7900612\_meta.nc - 7900612\_prof.nc - 7900612\_tech.nc -

7900613 - Existing nc files  
File : 7900613\_meta.nc - 7900613\_prof.nc - 7900613\_tech.nc -

7900614 - Existing nc files  
File : 7900614\_meta.nc - 7900614\_prof.nc - 7900614\_tech.nc -

7900615 - Existing nc files  
File : 7900615\_meta.nc - 7900615\_prof.nc - 7900615\_tech.nc -

7900616 - Existing nc files  
File : 7900616\_meta.nc - 7900616\_prof.nc - 7900616\_tech.nc -

7900617 - Existing nc files  
File : 7900617\_meta.nc - 7900617\_prof.nc - 7900617\_tech.nc -

7900618 - Existing nc files  
File : 7900618\_meta.nc - 7900618\_prof.nc - 7900618\_tech.nc -

7900619 - Existing nc files  
File : 7900619\_meta.nc - 7900619\_prof.nc - 7900619\_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 : 394

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 -

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

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

#### -Others : 8 floats

need further investigation

\*\*\*\*\*

### For some floats :

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

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

#### DAC name : jma - Number of floats : 1444

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 -

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 -

2902974 - Existing nc files

File : 2902974\_Rtraj.nc - 2902974\_meta.nc - 2902974\_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 -

2902980 - Existing nc files

File : 2902980\_Rtraj.nc - 2902980\_meta.nc - 2902980\_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

## 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 : 201**

DAC name : kma - Number of floats : 201

2901213 - Existing nc files

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

2901705 - Existing nc files

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

2901744 - Existing nc files

File : 2901744\_Rtraj.nc - 2901744\_meta.nc - 2901744\_tech.nc

## 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**

2900793 - Existing nc files



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

3900078 - Existing nc files

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

3900079 - Existing nc files

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

3900081 - Existing nc files

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

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

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

## **11.10. MEDS**

**For some floats :**

- traj file missing

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

**DAC name : meds - Number of floats : 426**

4901813 - Existing nc files

File : 4901813\_meta.nc - 4901813\_prof.nc - 4901813\_tech.nc -

4901826 - Existing nc files

File : 4901826\_meta.nc - 4901826\_prof.nc - 4901826\_tech.nc

## **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**

QC 1 reported on bad PRES\_ADJUSTED (negative values) – must be updated to 4

```
netcdf D6900198_003 {
```

```
PRES =
```

```
-99.0, -99.0, -99.0, -99.0, 2.0, 25.0, ,
```

```
PRES_QC =
```

"444114.....

PRES\_ADJUSTED =

\_, \_, -99.0, 2.0,

PRES\_ADJUSTED\_QC =

"444114.....

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. 1901060 cycle 180 (only PRES\_ADJUSTED filled)

### 12.3. CSIO

### 12.4. CSIRO

### 12.5. INCOIS

### 12.6. KMA

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

netcdf D2900171\_067 {

PSAL\_ADJUSTED\_ERROR =

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

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

D2900171_002.nc	D2900171_010.nc	D2900171_018.nc	D2900171_028.nc	D2900171_036.nc	D2900171_044.nc	D2900171_052.nc	D2900171_060.nc	D2900171_068.nc
D2900171_003.nc	D2900171_011.nc	D2900171_019.nc	D2900171_029.nc	D2900171_037.nc	D2900171_045.nc	D2900171_053.nc	D2900171_061.nc	D2900171_069.nc
D2900171_004.nc	D2900171_012.nc	D2900171_020.nc	D2900171_030.nc	D2900171_038.nc	D2900171_046.nc	D2900171_054.nc	D2900171_062.nc	D2900171_070.nc
D2900171_005.nc	D2900171_013.nc	D2900171_021.nc	D2900171_031.nc	D2900171_039.nc	D2900171_047.nc	D2900171_055.nc	D2900171_063.nc	D2900171_071.nc
D2900171_006.nc	D2900171_014.nc	D2900171_022.nc	D2900171_032.nc	D2900171_040.nc	D2900171_048.nc	D2900171_056.nc	D2900171_064.nc	R2900171_001.nc
D2900171_007.nc	D2900171_015.nc	D2900171_023.nc	D2900171_033.nc	D2900171_041.nc	D2900171_049.nc	D2900171_057.nc	D2900171_065.nc	R2900171_024.nc
D2900171_008.nc	D2900171_016.nc	D2900171_026.nc	D2900171_034.nc	D2900171_042.nc	D2900171_050.nc	D2900171_058.nc	D2900171_066.nc	R2900171_025.nc
D2900171_009.nc	D2900171_017.nc	D2900171_027.nc	D2900171_035.nc	D2900171_043.nc	D2900171_051.nc	D2900171_059.nc	D2900171_067.nc	

### 12.7. NMDIS

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

For floats : 2901615 – 2901631 - 2901632

2901615 ex. cycle 58, ...

DATA\_STATE\_INDICATOR = "2C " ;

DATA\_MODE = "R" ;

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

netcdf R2901632\_056 {

DATA\_STATE\_INDICATOR = "2C " ;

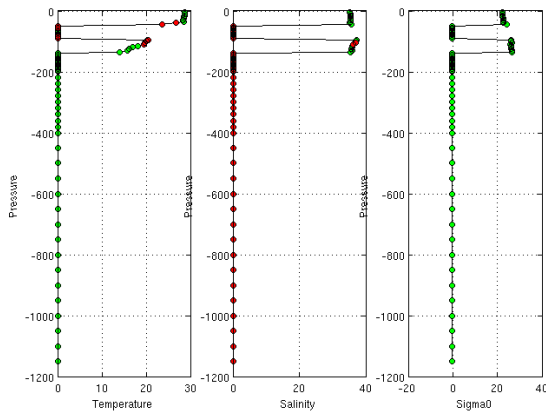
DATA\_MODE = "R" ;



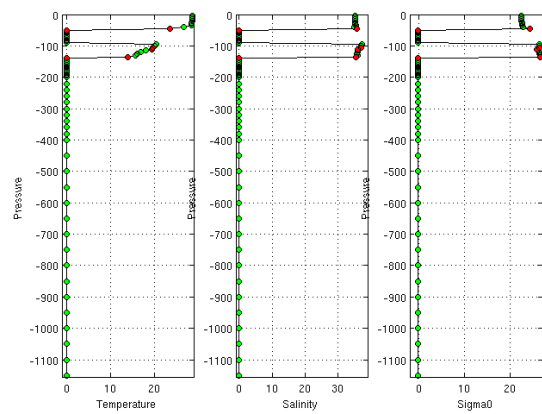
## 13. Automatic Tests ( )

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

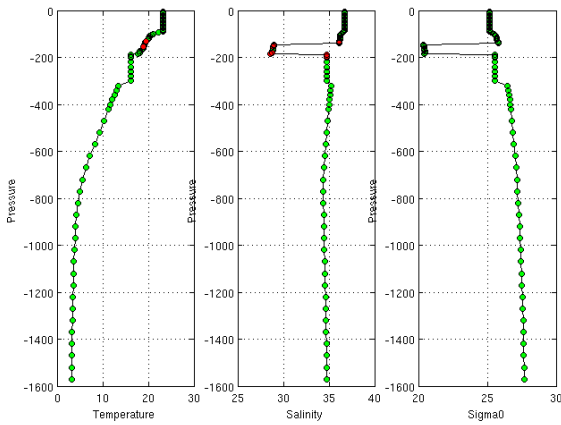
Warning Objective Analysis Anomalies 2016 June TEMP PSAL : DAC AO- Float 1901504-188



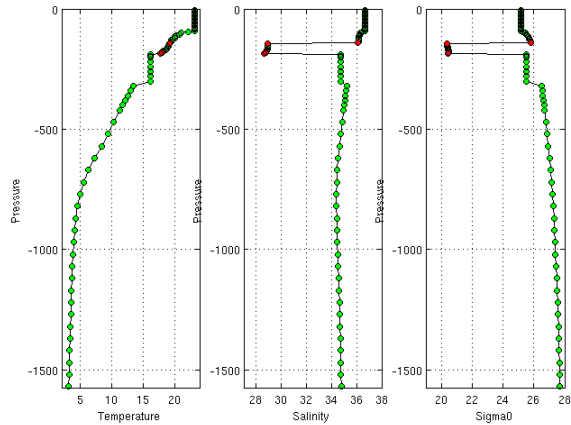
Using Jean Philippe Matlab density inversion test : Float 1901504\_88 Data mode : R



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



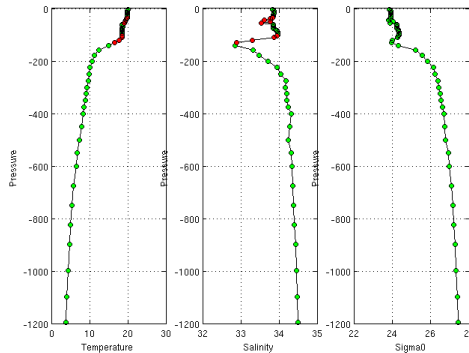
Using Jean Philippe Matlab density inversion test : Float 1900998\_39 Data mode : R



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

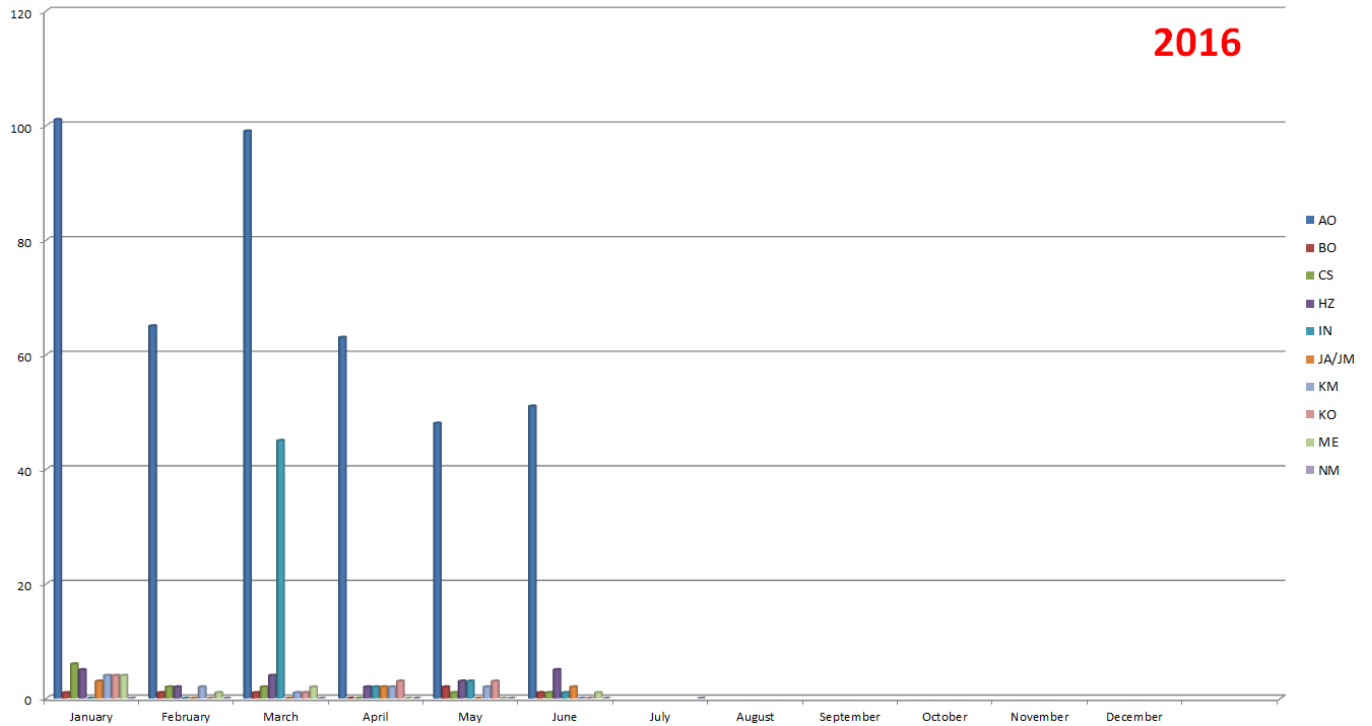
Plots showing format\_version percentage, number of floats (with profiles), number of D and R files by DACs.



# 15. Statistics on anomalies

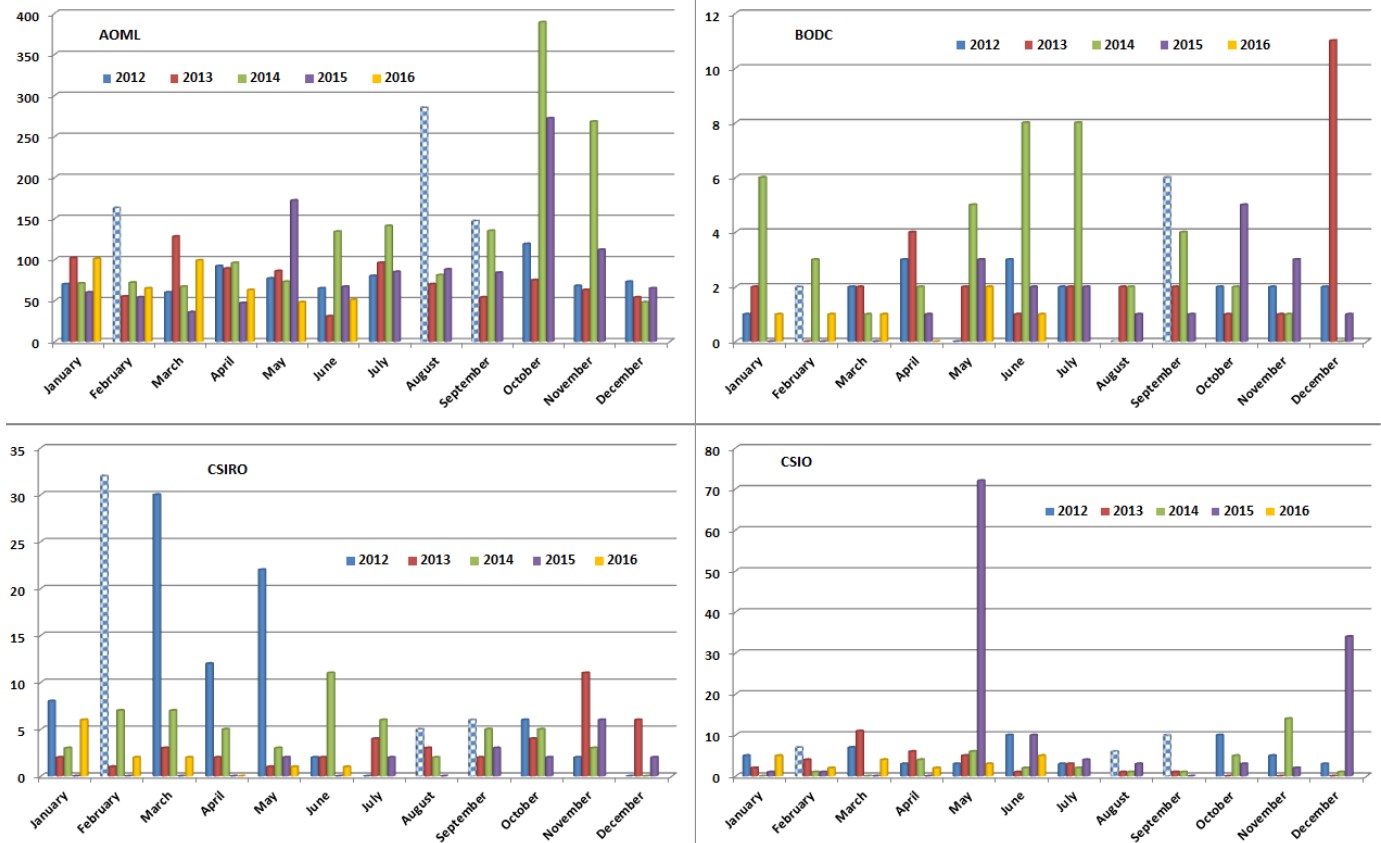
Plots showing evolution of number of anomalies by DAC.

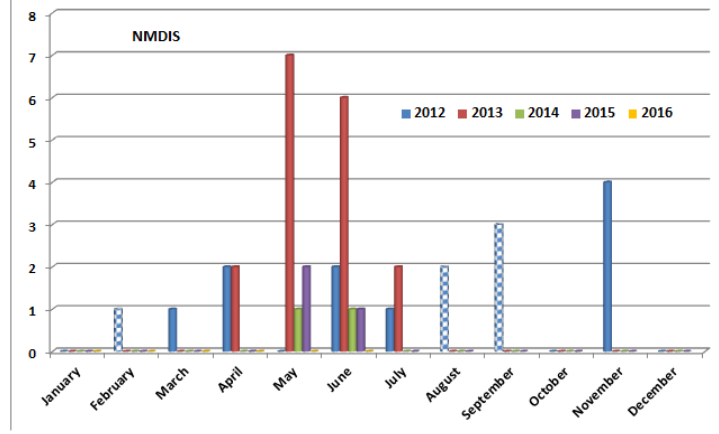
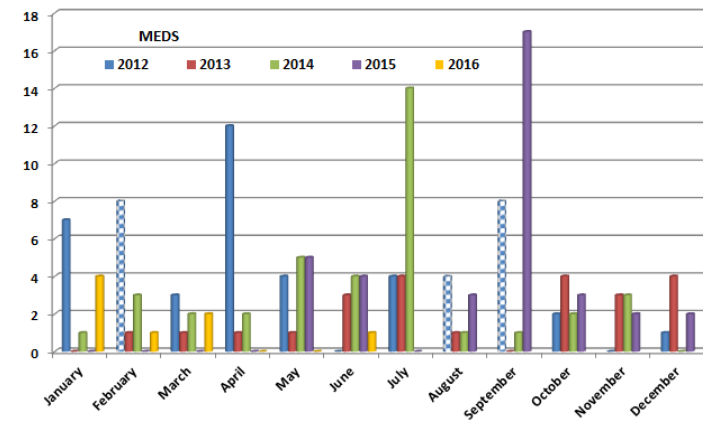
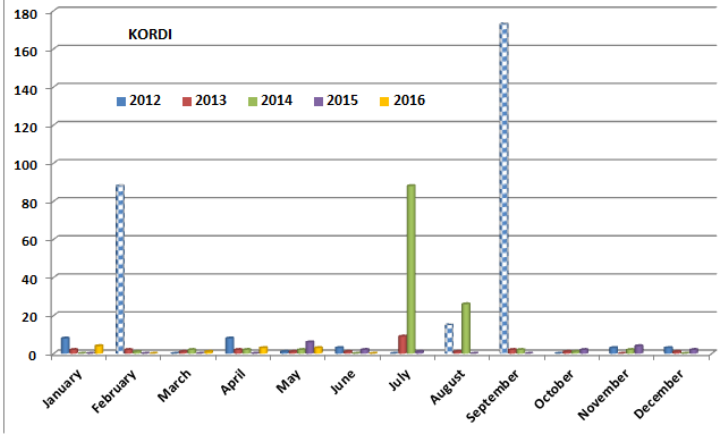
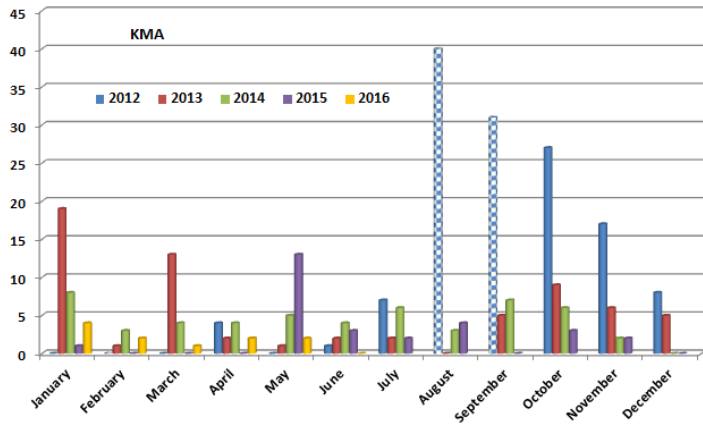
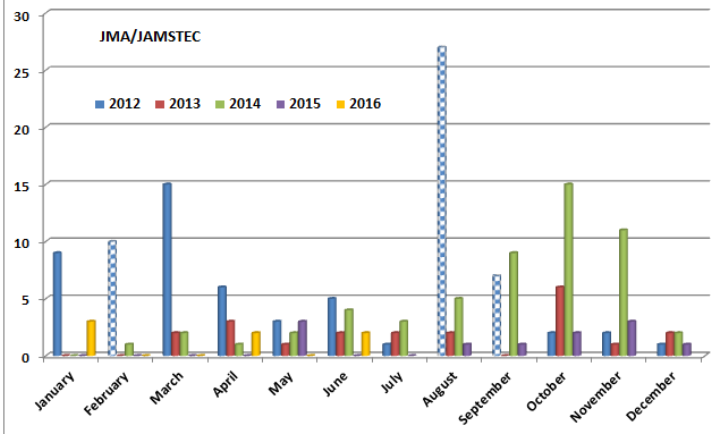
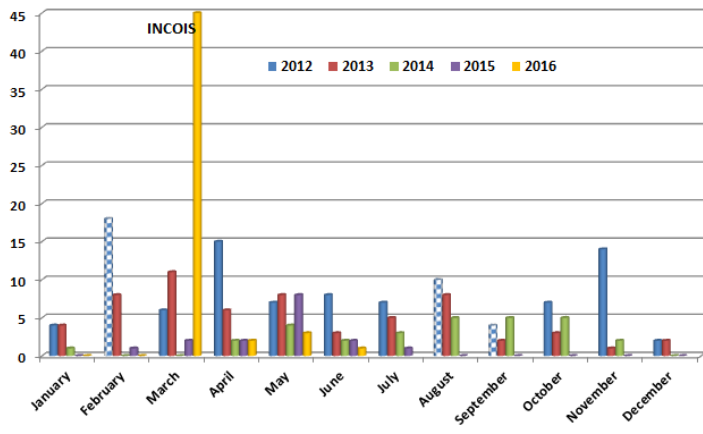
## 15.1. Year



Year 2016

## 15.2. DAC





### 15.3. Anomalies by year, by month

