



# Anomalies on Argo profiles

From warning objective analysis, netcdf file analysis

## Format version

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**Coriolis**



# Anomalies by DAC

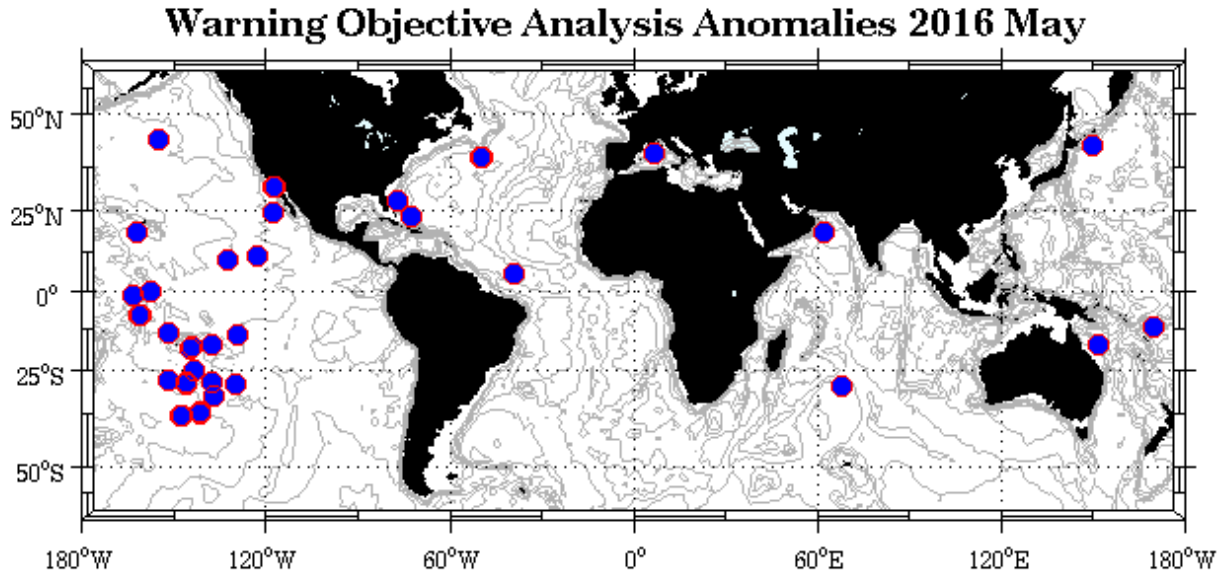
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# 1. DAC AOML

Profiles detected by the objective analysis: 48 profiles



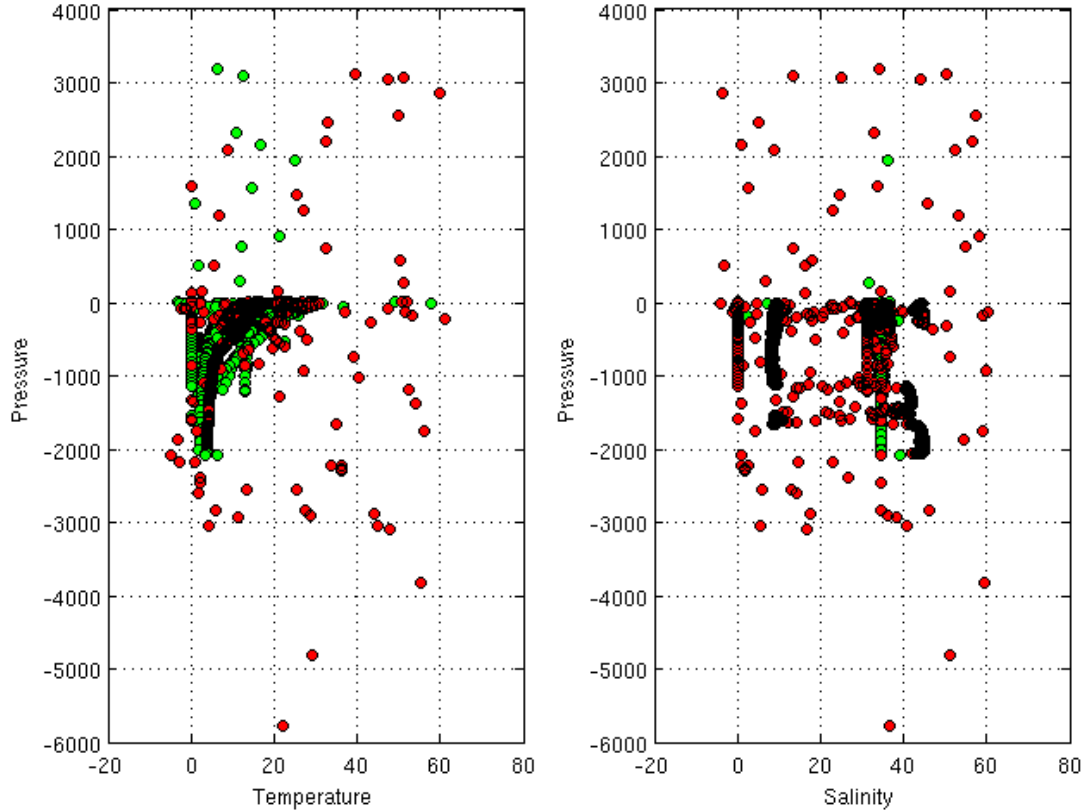
**Status of corrections: Done for few profiles – still bad QC no corrected**

**In blue: floats with multipfiles.**

Float : 1901504 - Cycle : 183 - PI : BRECK OWENS - Data mode : R - INST REF : - Date : 2016 4 30  
Float : 1901584 - Cycle : 151 - PI : BRECK OWENS - Data mode : R - INST REF : - Date : 2016 4 29  
Float : 2901466 - Cycle : 196 - PI : CARL SZCZECZOWSKI - Data mode : A - INST REF : - Date : 2016 5 21  
Float : 4901435 - Cycle : 157 - PI : GREGORY C. JOHNSON - Data mode : A - INST REF : - Date : 2016 4 30  
Float : 4901670 - Cycle : 331 - PI : CARL SZCZECZOWSKI - Data mode : A - INST REF : - Date : 2016 5 2  
Float : 4901670 - Cycle : 335 - PI : CARL SZCZECZOWSKI - Data mode : A - INST REF : - Date : 2016 5 10  
Float : 4901707 - Cycle : 117 - PI : BRECK OWENS, STEVEN JAYNE, P.E. ROBBINS - Data mode : R - INST REF : - Date : 2016 5 3  
Float : 4901707 - Cycle : 118 - PI : BRECK OWENS, STEVEN JAYNE, P.E. ROBBINS - Data mode : R - INST REF : - Date : 2016 5 8  
Float : 4902060 - Cycle : 142 - PI : CARL SZCZECZOWSKI - Data mode : A - INST REF : - Date : 2016 5 11  
Float : 4902293 - Cycle : 102 - PI : CARL SZCZECZOWSKI - Data mode : A - INST REF : - Date : 2016 5 6  
Float : 4902293 - Cycle : 103 - PI : CARL SZCZECZOWSKI - Data mode : A - INST REF : - Date : 2016 5 8  
Float : 4902293 - Cycle : 106 - PI : CARL SZCZECZOWSKI - Data mode : A - INST REF : - Date : 2016 5 14  
Float : 4902293 - Cycle : 108 - PI : CARL SZCZECZOWSKI - Data mode : A - INST REF : - Date : 2016 5 18  
Float : 4902293 - Cycle : 109 - PI : CARL SZCZECZOWSKI - Data mode : A - INST REF : - Date : 2016 5 20  
Float : 5900944 - Cycle : 380 - PI : STEPHEN RISER - Data mode : A - INST REF : - Date : 2016 5 1  
Float : 5901012 - Cycle : 370 - PI : GREGORY C. JOHNSON - Data mode : A - INST REF : - Date : 2016 5 1  
Float : 5901061 - Cycle : 353 - PI : STEPHEN RISER - Data mode : A - INST REF : - Date : 2016 4 29  
Float : 5901884 - Cycle : 262 - PI : STEPHEN RISER - Data mode : A - INST REF : - Date : 2016 5 11  
Float : 5901895 - Cycle : 274 - PI : STEPHEN RISER - Data mode : A - INST REF : - Date : 2016 5 15  
Float : 5901897 - Cycle : 273 - PI : STEPHEN RISER - Data mode : A - INST REF : - Date : 2016 5 5  
Float : 5901897 - Cycle : 274 - PI : STEPHEN RISER - Data mode : A - INST REF : - Date : 2016 5 16  
Float : 5902078 - Cycle : 271 - PI : STEPHEN RISER - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 3944 - Date : 2016 5 9  
Float : 5902092 - Cycle : 277 - PI : STEPHEN RISER - Data mode : A - INST REF : - Date : 2016 5 15  
Float : 5903974 - Cycle : 123 - PI : STEPHEN RISER - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 5849 - Date : 2016 4 27  
Float : 5903976 - Cycle : 124 - PI : STEPHEN RISER - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 5848 - Date : 2016 5 10  
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Float : 5903984 - Cycle : 125 - PI : STEPHEN RISER - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 6222 - Date : 2016 5 12  
Float : 5903985 - Cycle : 124 - PI : STEPHEN RISER - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 6223 - Date : 2016 5 11  
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Float : 5904398 - Cycle : 64 - PI : STEPHEN RISER - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 6122 - Date : 2016 5 15  
Float : 5904401 - Cycle : 63 - PI : STEPHEN RISER - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 6930 - Date : 2016 5 4  
Float : 5904401 - Cycle : 64 - PI : STEPHEN RISER - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 6930 - Date : 2016 5 14  
Float : 5904405 - Cycle : 66 - PI : STEPHEN RISER - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 6934 - Date : 2016 5 7

Float : 5904406 - Cycle : 66 - PI : STEPHEN RISER - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 6935 - Date : 2016 5 4  
 Float : 5904456 - Cycle : 55 - PI : STEPHEN RISER - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 6925 - Date : 2016 5 4  
 Float : 5904456 - Cycle : 56 - PI : STEPHEN RISER - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 6925 - Date : 2016 5 14  
 Float : 6900320 - Cycle : 186 - PI : CARL SZCZECZOWSKI - Data mode : A - INST REF : - Date : 2016 4 28  
 Float : 6900320 - Cycle : 187 - PI : CARL SZCZECZOWSKI - Data mode : A - INST REF : - Date : 2016 5 2  
 Float : 6900320 - Cycle : 188 - PI : CARL SZCZECZOWSKI - Data mode : A - INST REF : - Date : 2016 5 6  
 Float : 6900320 - Cycle : 189 - PI : CARL SZCZECZOWSKI - Data mode : A - INST REF : - Date : 2016 5 10  
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### Warning Objective Analysis Anomalies 2016 May TEMP PSAL - DAC AO



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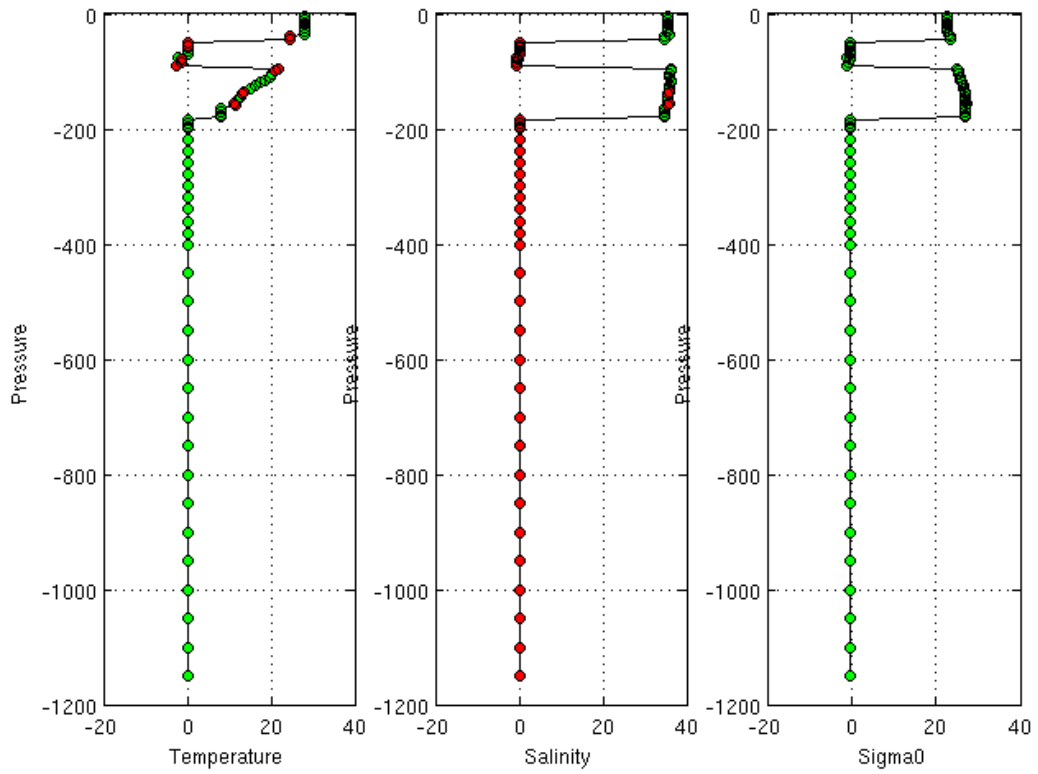


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AO,5903985,125,22/05/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=44136724 ,TEMP,-2990,1737.8,1,4  
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AO,5903985,125,22/05/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=44136724 ,TEMP,49.8,49.8,1,4  
AO,5903985,125,22/05/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=44136724 ,TEMP,6.2,925,1,4  
AO,5904325,238,16/05/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=44084047 ,PSAL,1200.8,1200.8,1,4  
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AO,5904456,56,15/05/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=44081147 ,TEMP,-899.1,89.8,1,4  
AO,5904456,56,15/05/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=44081147 ,TEMP,14.4,57,1,4  
AO,5904456,56,15/05/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=44081147 ,TEMP,40.4,40.4,1,4  
AO,5904456,56,15/05/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=44081147 ,TEMP,456.2,456.2,1,4  
AO,6900320,186,29/04/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=43964735 ,PSAL,4.9,1099.7,1,3  
AO,6900320,187,03/05/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=43985259 ,PSAL,5.6,1200.6,1,3  
AO,6900320,188,07/05/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=44026175 ,PSAL,5.4,1099.5,1,3  
AO,6900320,189,11/05/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=44051504 ,PSAL,5.3,1196.9,1,3  
AO,6900320,190,15/05/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=44081351 ,PSAL,5.4,1099.4,1,3

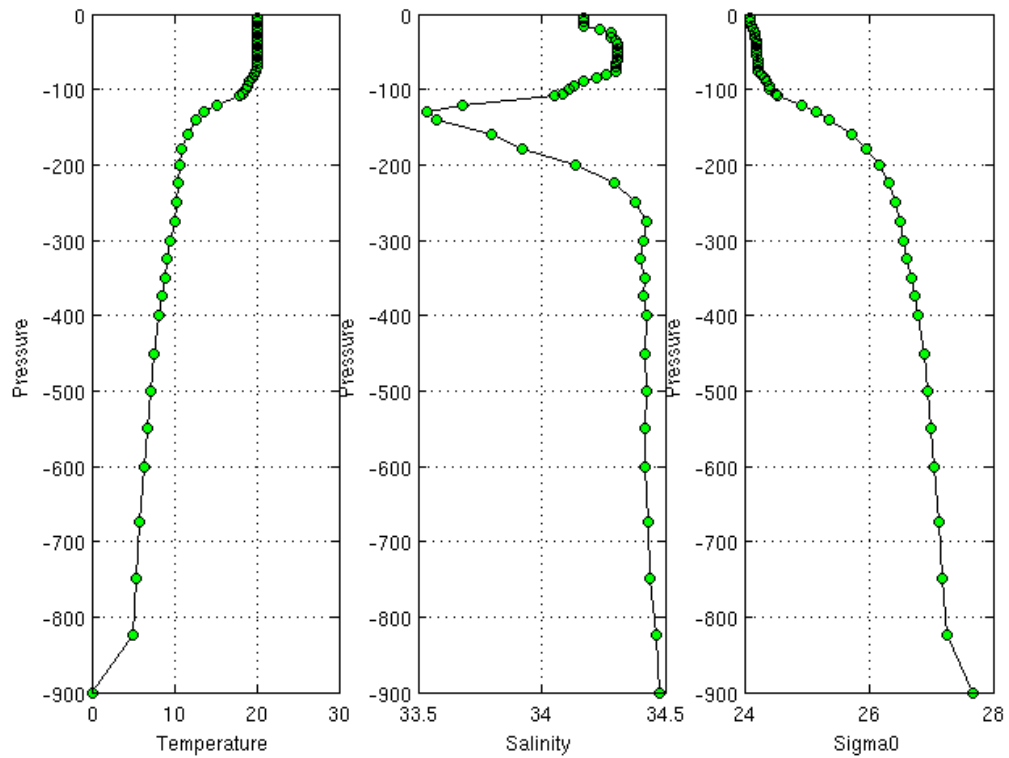
**APEX to put on the grey list:**

Example of corrections:

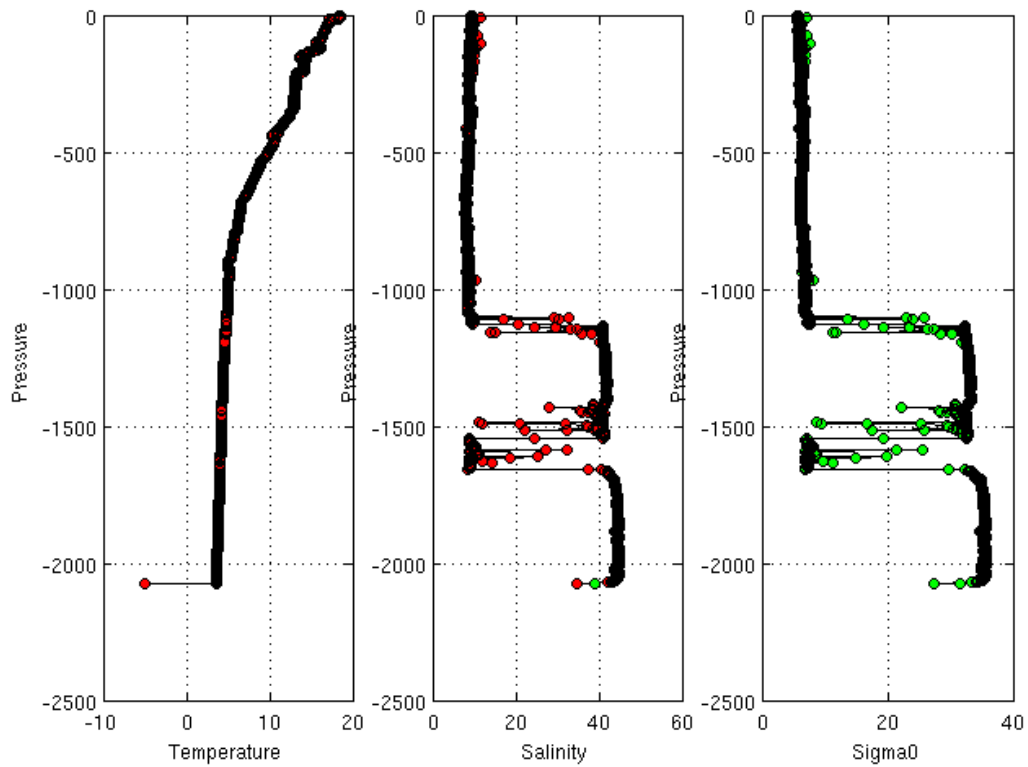
Warning Objective Analysis Anomalies 2016 May TEMP PSAL : DAC AO- Float 1901504-183



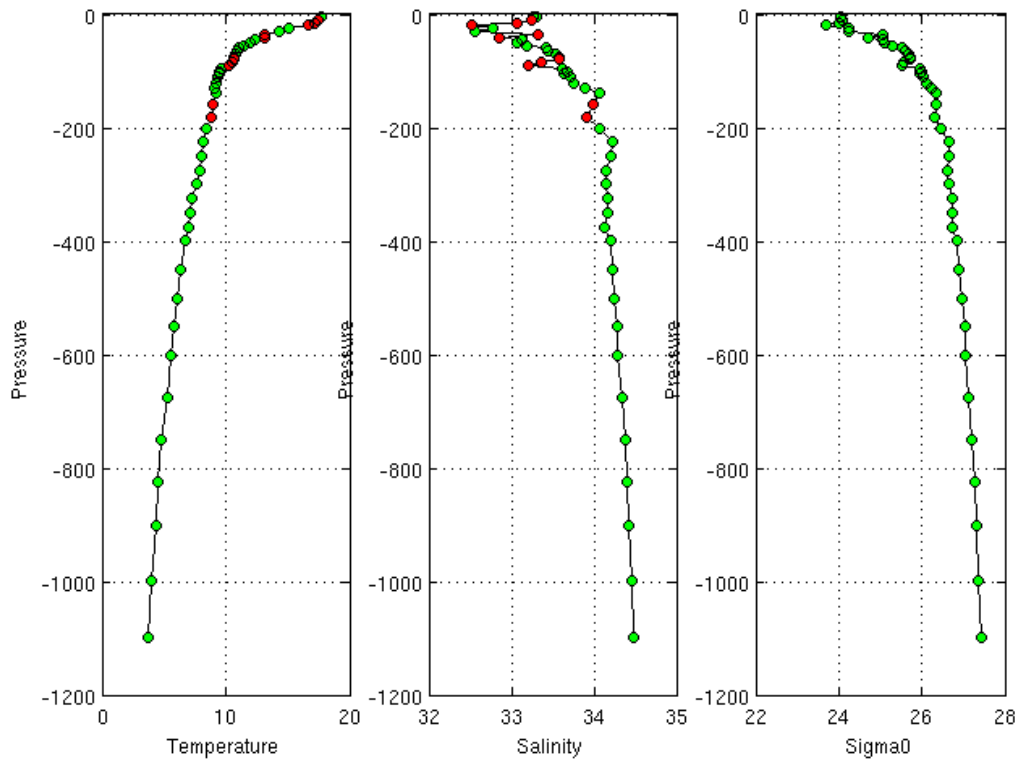
Warning Objective Analysis Anomalies 2016 May TEMP PSAL : DAC AO- Float 4901670-335



Warning Objective Analysis Anomalies 2016 May TEMP PSAL : DAC AO- Float 4901707-118

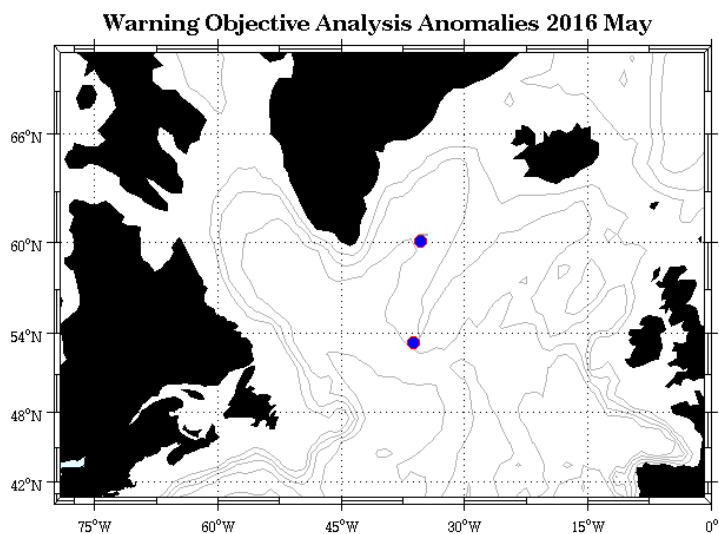


Warning Objective Analysis Anomalies 2016 May TEMP PSAL : DAC AO- Float 4902293-103



## 2. DAC BODC

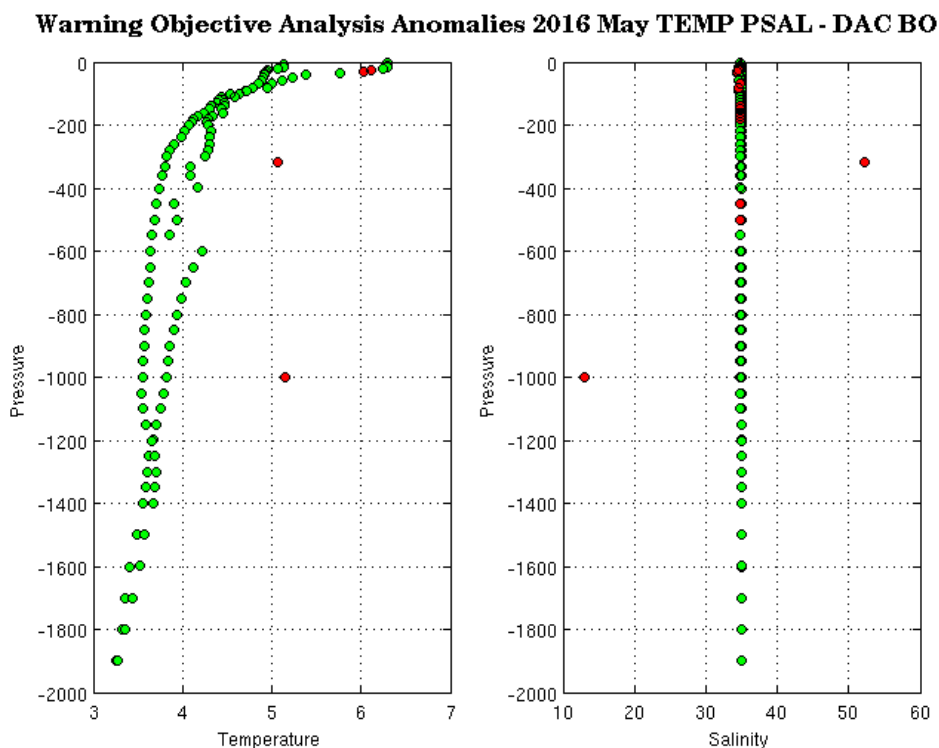
Profiles detected by the objective analysis: 2



**Status of corrections: Corrections done but not for all profiles, no feedback**

Float : 6901168 - Cycle : 68 - PI : Jon Turton - Data mode : A - INST REF : APEX-SBE 6610 - Date : 2016 5 14

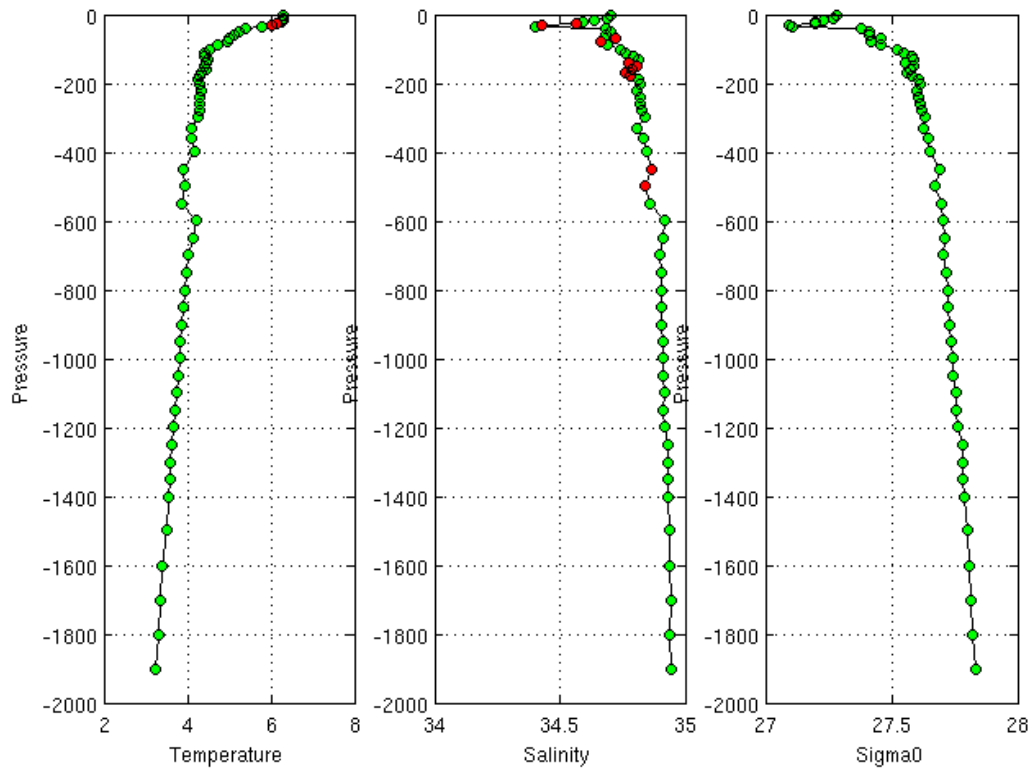
Float : 6901169 - Cycle : 67 - PI : Jon Turton - Data mode : A - INST REF : APEX-SBE 6611 - Date : 2016 5 3



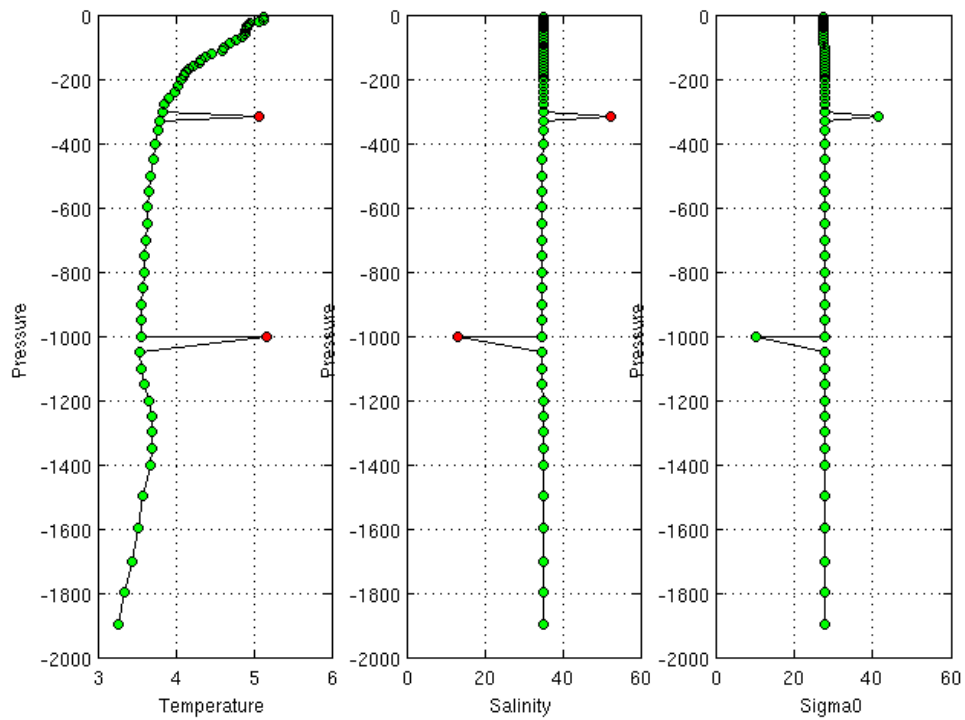
DAC\_CODE,PLATFORM\_CODE,CV\_NUMBER,DATE\_UPDATE,DIRECTION,WEB\_URL,PARAMETER,START\_IMMERSION,STOP\_IMMERSION,OLD\_QC,NEW\_QC  
BO,6901168,68,14/05/2016 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=44078802> ,PSAL,3.9,19.9,1,4  
BO,6901168,68,14/05/2016 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=44078802> ,PSAL,35.1,35.1,1,4  
BO,6901168,68,20/05/2016 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=44078802> ,PSAL,35.1,35.1,1,4  
BO,6901169,67,03/05/2016 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=43997473> ,TEMP,1001.4,1001.4,1,4  
BO,6901169,67,03/05/2016 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=43997473> ,TEMP,316.8,316.8,1,4

Example of corrections:

Warning Objective Analysis Anomalies 2016 May TEMP PSAL : DAC BO- Float 6901168-68

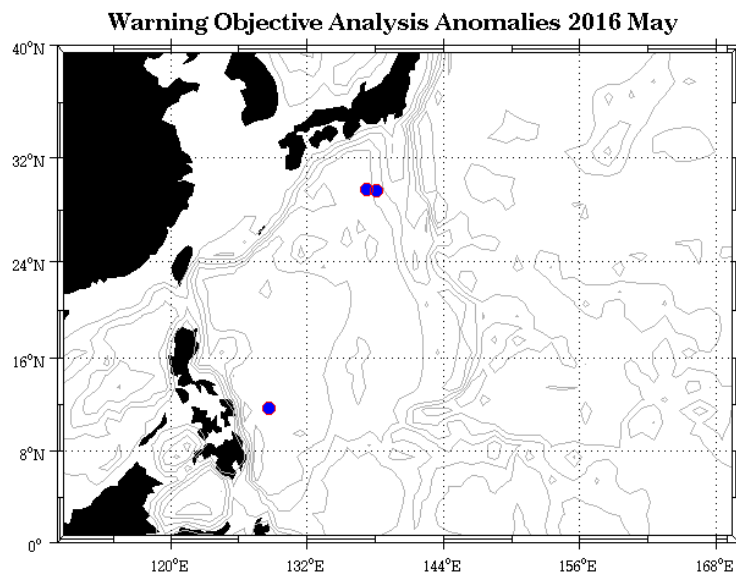


Warning Objective Analysis Anomalies 2016 May TEMP PSAL : DAC BO- Float 6901169-67



### 3. DAC CSIO

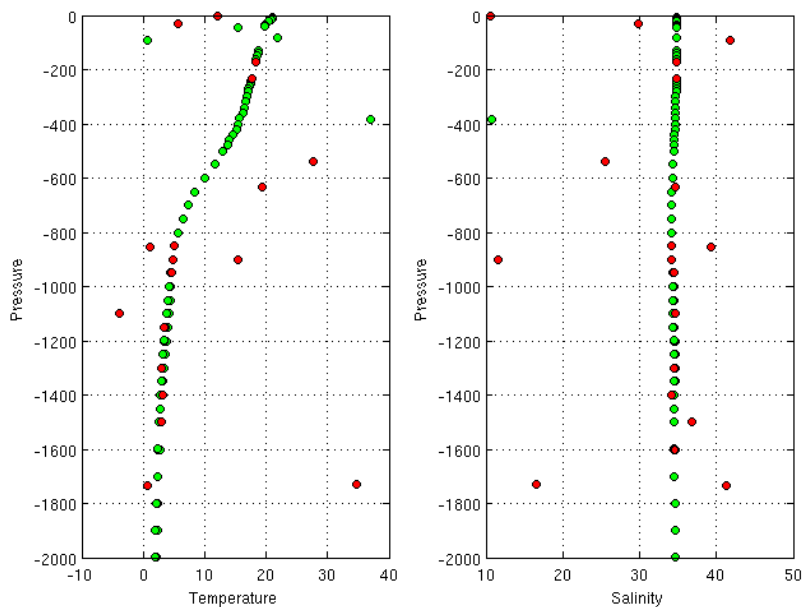
Profiles detected by the objective analysis: 3



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

Float : 2901572 - Cycle : 78 - PI : JIANPING XU - Data mode : A - INST REF : - Date : 2016 5 2  
Float : 2901572 - Cycle : 79 - PI : JIANPING XU - Data mode : A - INST REF : - Date : 2016 5 12  
Float : 2902653 - Cycle : 58 - PI : JIANPING XU - Data mode : A - INST REF : - Date : 2016 5 3

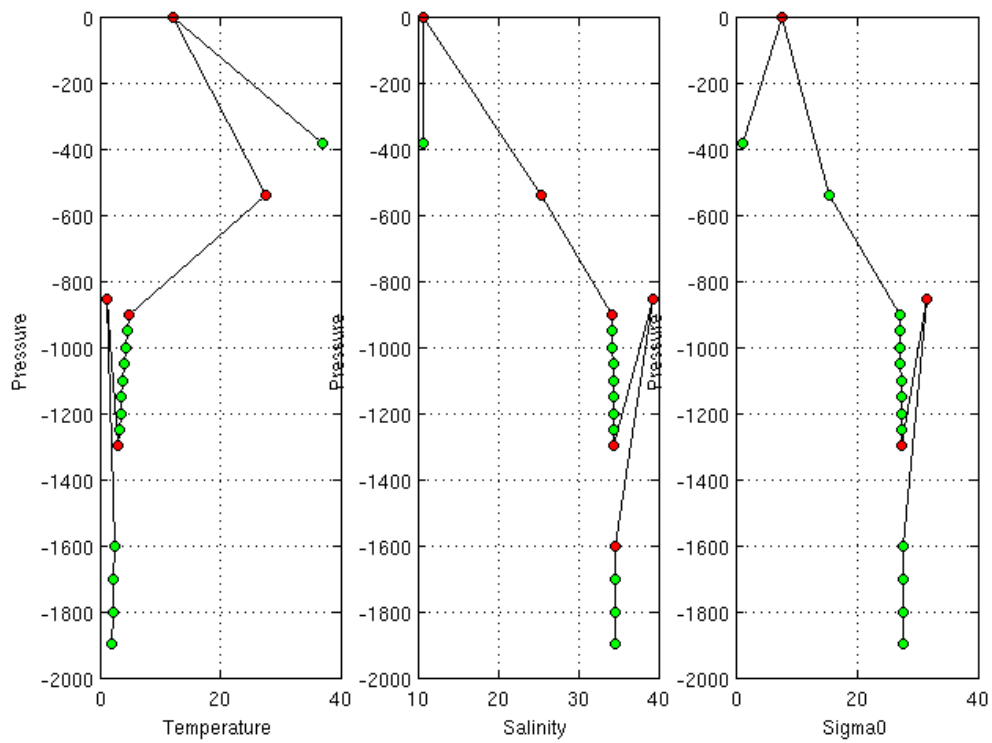
Warning Objective Analysis Anomalies 2016 May TEMP PSAL - DAC HZ



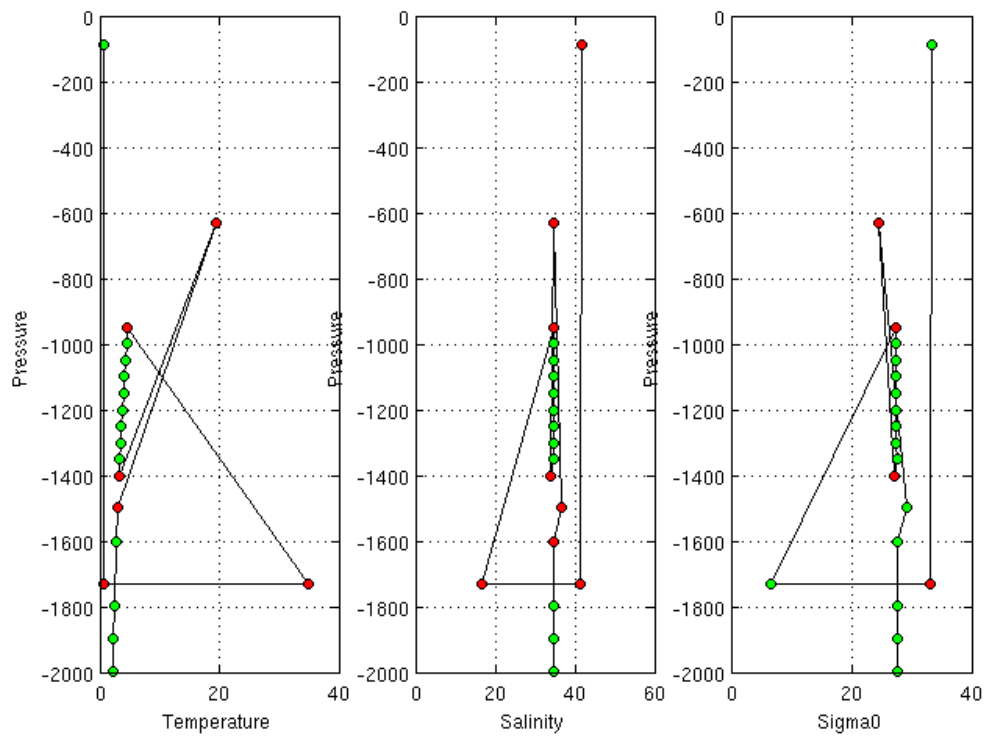
DAC\_CODE,PLATFORM\_CODE,CV\_NUMBER,DATE\_UPDATE,DIRECTION,WEB\_URL,PARAMETER,START\_IMMERSION,STOP\_IMMERSION,OLD\_QC,NEW\_QC  
HZ,2901572,78,03/05/2016 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=43997412>,TEMP,42.7,80.5,1,4  
HZ,2901572,79,13/05/2016 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=44066508>,PSAL,384,384,1,4  
HZ,2901572,79,13/05/2016 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=44066508>,TEMP,384,384,1,4  
HZ,2902653,58,04/05/2016 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=43997423>,TEMP,90.3,90.3,1,4

Example of corrections:

Warning Objective Analysis Anomalies 2016 May TEMP PSAL : DAC HZ- Float 2901572-79



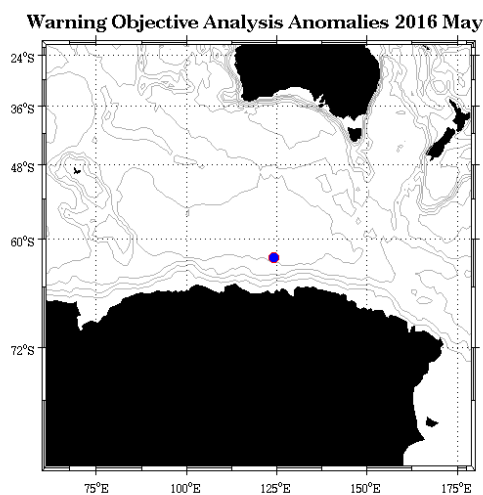
Warning Objective Analysis Anomalies 2016 May TEMP PSAL : DAC HZ- Float 2902653-58





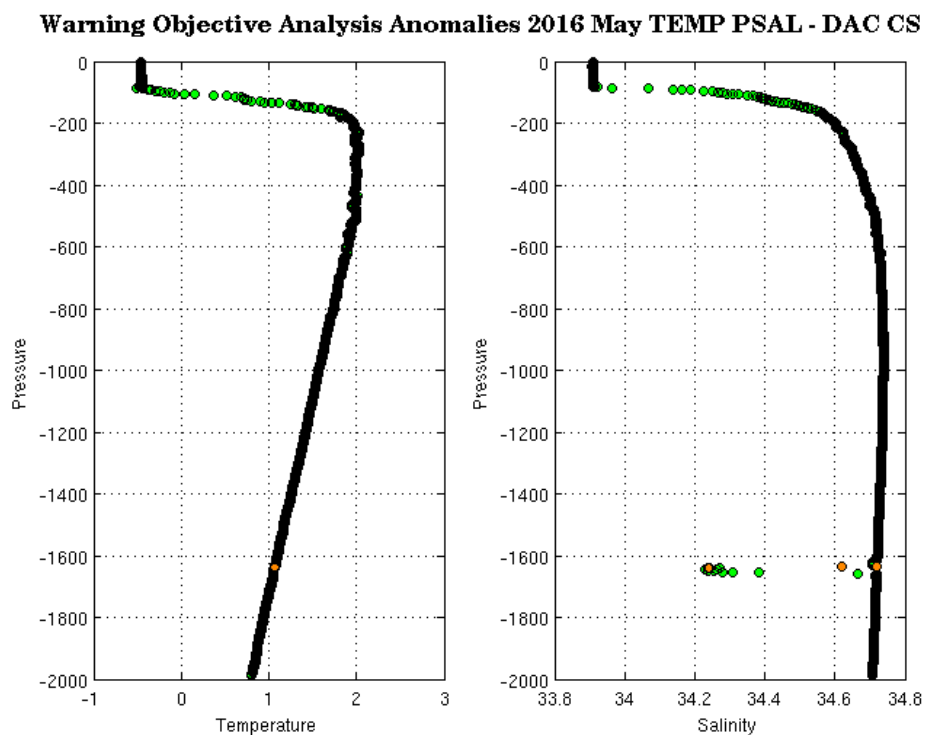
## 4. DAC CSIRO

Profiles detected by the objective analysis: 1



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

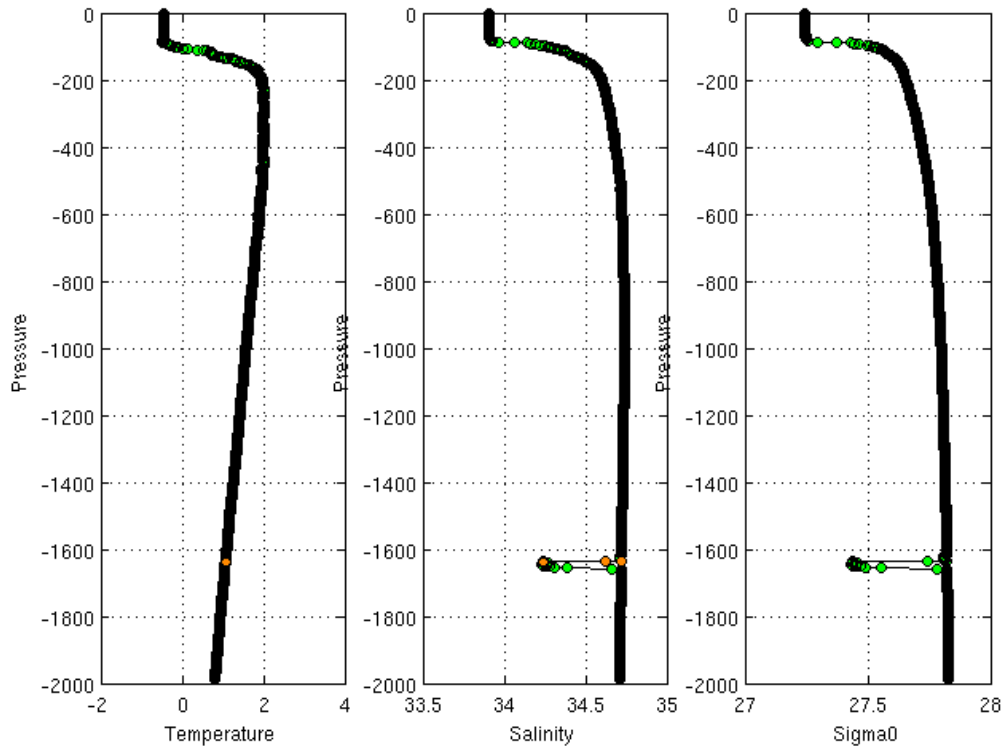
Float : 7900610 - Cycle : 17 - PI : Susan Wijffels - Data mode : A - INST REF : - Date : 2016 5 21



DAC\_CODE,PLATFORM\_CODE,CV\_NUMBER,DATE\_UPDATE,DIRECTION,WEB\_URL,PARAMETER,START\_IMMERSION,STOP\_IMMERSION,OLD\_QC,NEW\_QC  
CS,7900610,17,21/05/2016 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=44122869>,PSAL,1620,1658,3,4

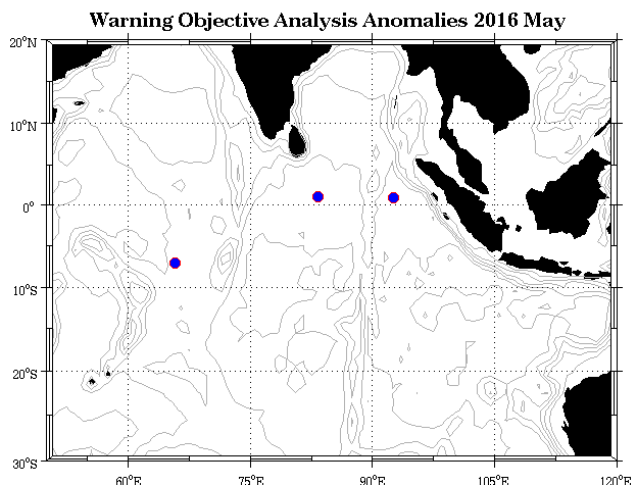
Example of corrections:

Warning Objective Analysis Anomalies 2016 May TEMP PSAL : DAC CS- Float 7900610-17



## 5. DAC INCOIS

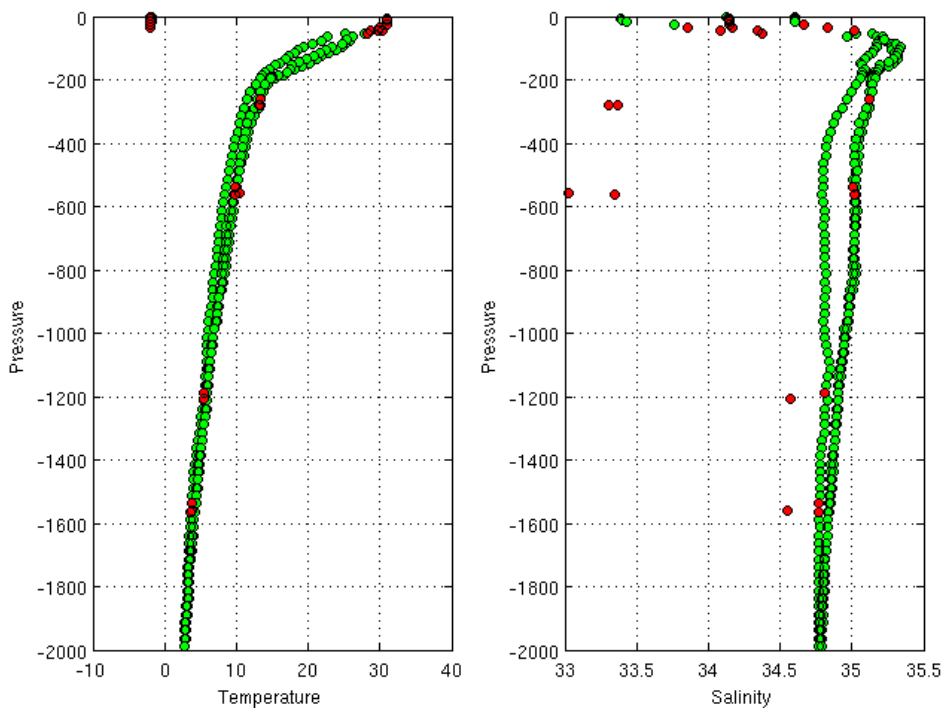
Profiles detected by the objective analysis: 3



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

Float : 2902100 - Cycle : 104 - PI : M Ravichandran - Data mode : A - INST REF : PLATFORM\_TYPE=ARVOR - Date : 2016 5 10  
Float : 2902110 - Cycle : 102 - PI : M Ravichandran - Data mode : A - INST REF : PLATFORM\_TYPE=ARVOR - Date : 2016 5 3  
Float : 2902111 - Cycle : 101 - PI : M Ravichandran - Data mode : A - INST REF : PLATFORM\_TYPE=ARVOR - Date : 2016 4 24

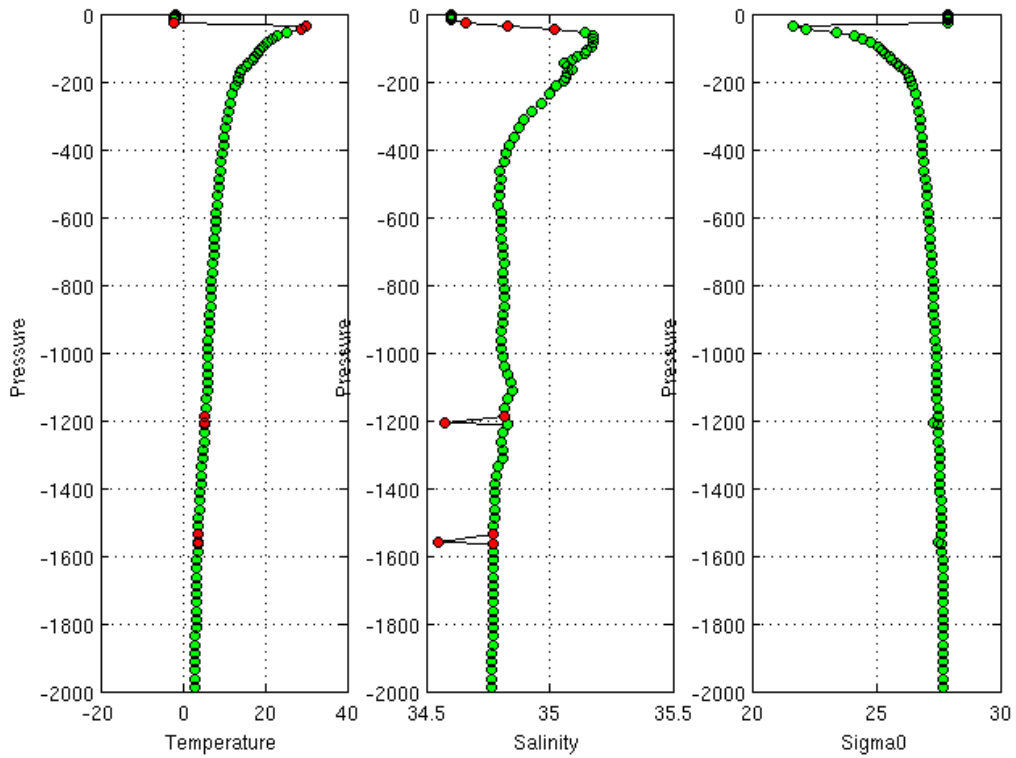
**Warning Objective Analysis Anomalies 2016 May TEMP PSAL - DAC IN**



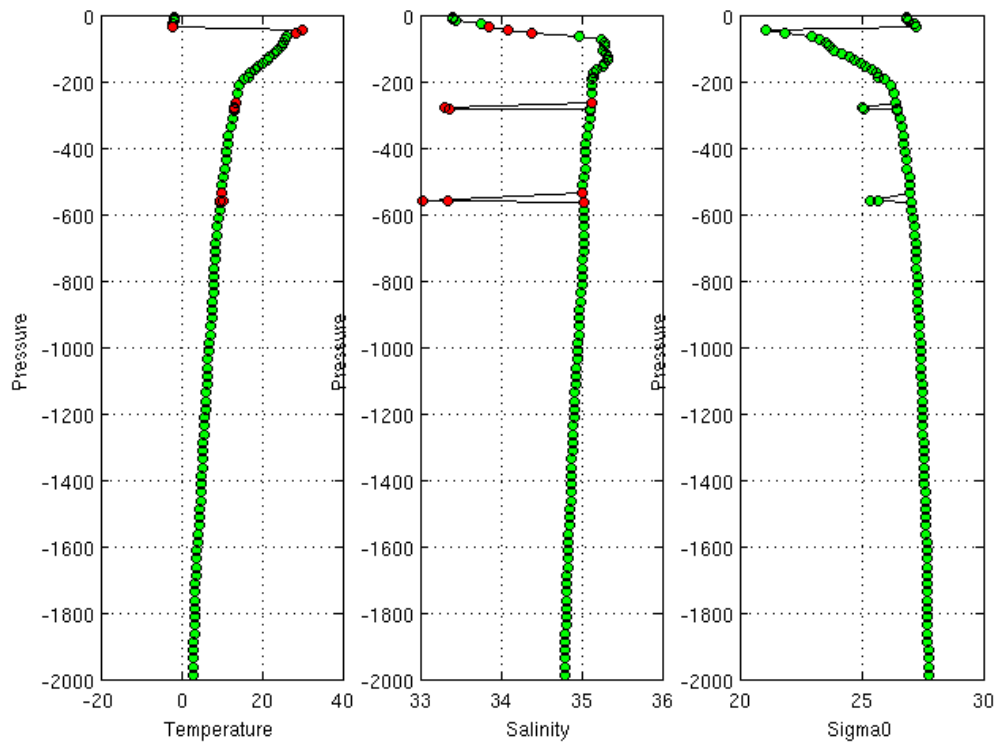
DAC\_CODE,PLATFORM\_CODE,CV\_NUMBER,DATE\_UPDATE,DIRECTION,WEB\_URL,PARAMETER,START\_IMMERSION,STOP\_IMMERSION,OLD\_QC,NEW\_QC  
IN,2902100,104,13/05/2016 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=44087229> ,PSAL,1209,1209,1,4  
IN,2902100,104,13/05/2016 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=44087229> ,TEMP,4,15,1,4  
IN,2902110,102,13/05/2016 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=44087240> ,TEMP,45,55,4,1  
IN,2902110,102,13/05/2016 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=44087240> ,TEMP,6,25,1,4  
IN,2902111,101,27/04/2016 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=44000365> ,TEMP,3,5,1,4

Example of corrections:

Warning Objective Analysis Anomalies 2016 May TEMP PSAL : DAC IN- Float 2902100-104



Warning Objective Analysis Anomalies 2016 May TEMP PSAL : DAC IN- Float 2902110-102



## 6. DAC JMA/JAMSTEC

Profiles detected by the objective analysis: 0

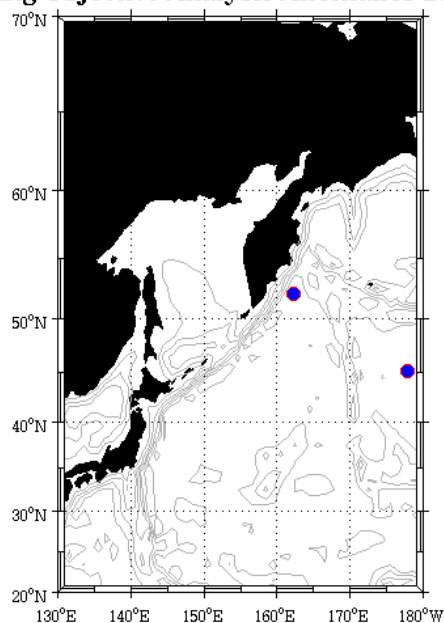
**Status of corrections:**

Example of anomalies:

## 7. DAC KMA

Profiles detected by the objective analysis: 2

### Warning Objective Analysis Anomalies 2016 May

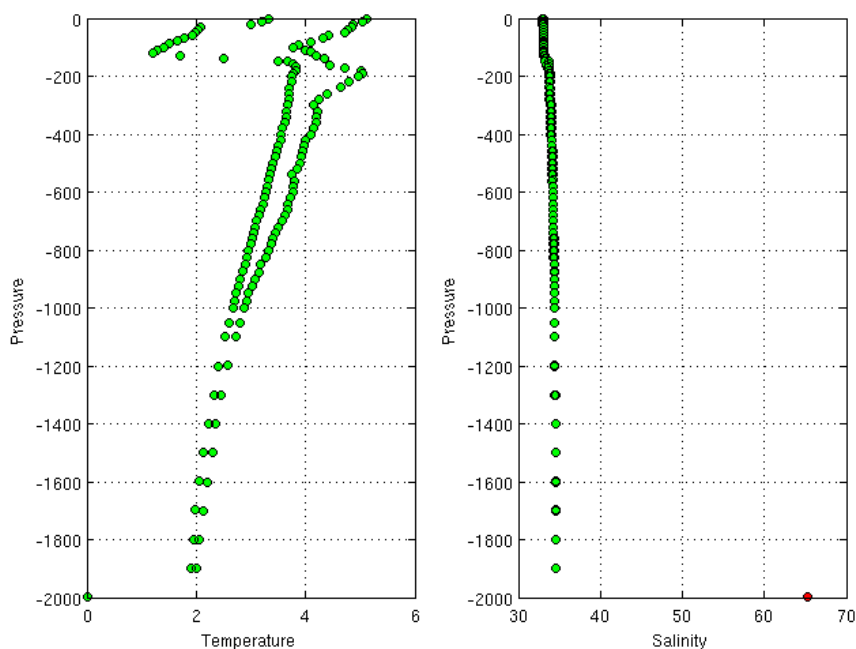


**Status of corrections: Correction not done, no feedback**

Float : 2901713 - Cycle : 102 - PI : Young-Hwa Kim - Data mode : R - INST REF : APEX Profiling Float - Date : 2016 5 19

Float : 2901714 - Cycle : 102 - PI : Young-Hwa Kim - Data mode : R - INST REF : APEX Profiling Float - Date : 2016 5 20

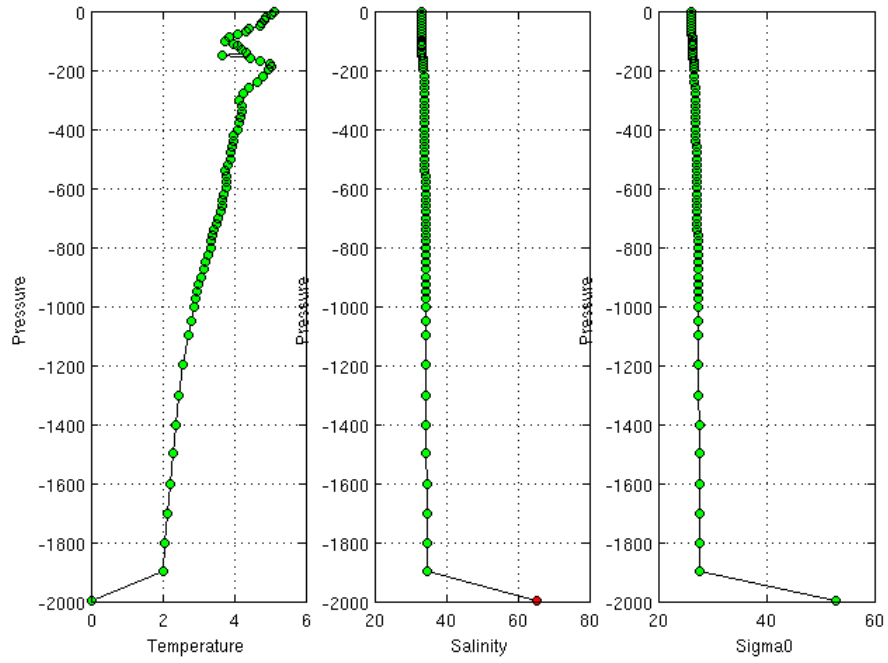
### Warning Objective Analysis Anomalies 2016 May TEMP PSAL - DAC KM



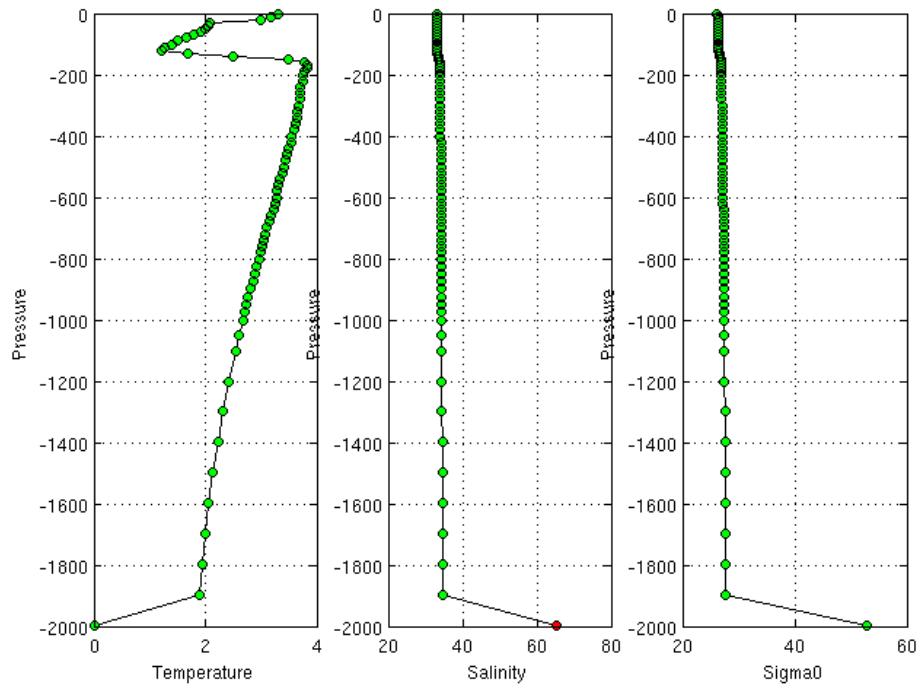
DAC\_CODE,PLATFORM\_CODE,CV\_NUMBER,DATE\_UPDATE,DIRECTION,WEB\_URL,PARAMETER,START\_IMMERSION,STOP\_IMMERSION,OLD\_QC,NEW\_QC  
KM,2901713,102,20/05/2016 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=44120158> ,TEMP,1997.5,1997.5,1,4  
KM,2901714,102,21/05/2016 00:00:00,A,<http://www.ifremer.fr/co-argoFloats/station?stationId=44122755> ,TEMP,1997.5,1997.5,1,4

Example of anomalies:

Warning Objective Analysis Anomalies 2016 May TEMP PSAL : DAC KM- Float 2901713-102



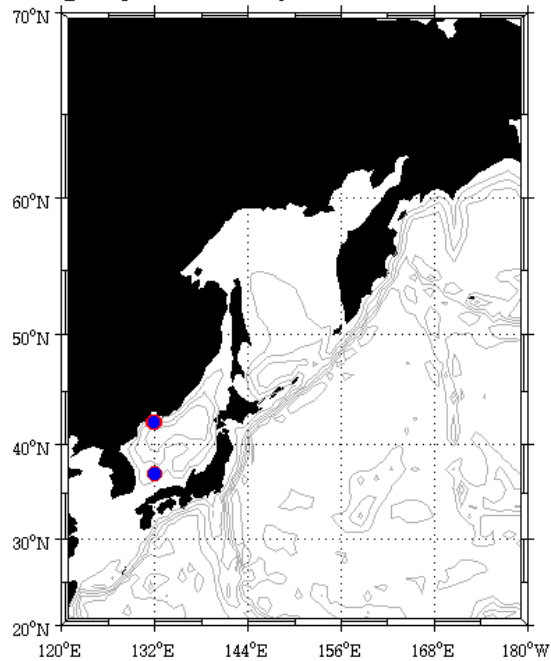
Warning Objective Analysis Anomalies 2016 May TEMP PSAL : DAC KM- Float 2901714-102



## 8. DAC KORDI

Profiles detected by the objective analysis: 3

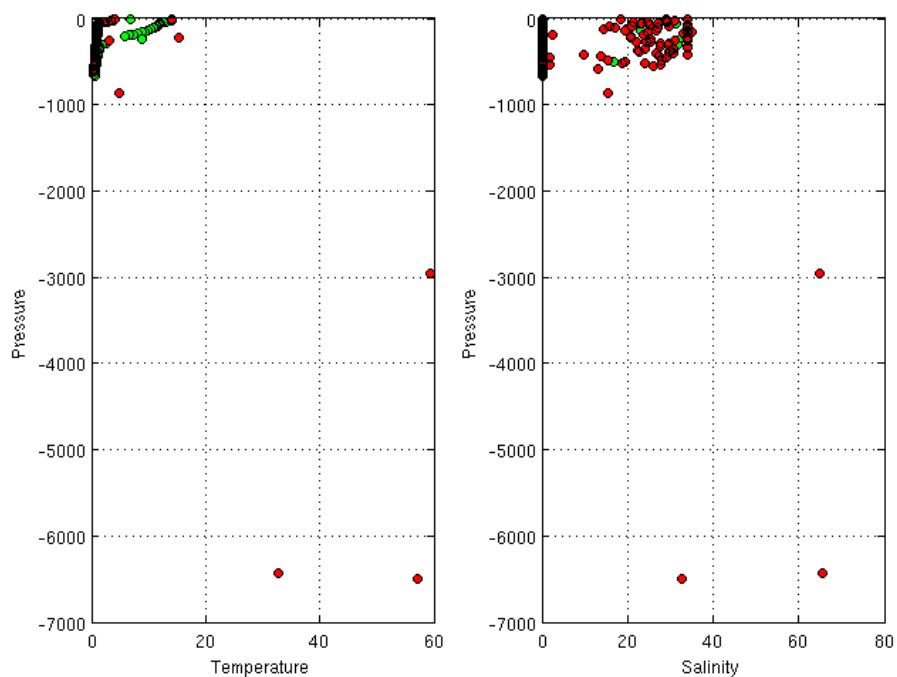
### Warning Objective Analysis Anomalies 2016 May



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

Float : 2900450 - Cycle : 334 - PI : Moon-Sik Suk - Data mode : A - INST REF : APEX-SBE 3109 - Date : 2016 4 29  
Float : 2900450 - Cycle : 335 - PI : Moon-Sik Suk - Data mode : A - INST REF : APEX-SBE 3109 - Date : 2016 5 9  
Float : 2900922 - Cycle : 316 - PI : Moon-Sik Suk - Data mode : A - INST REF : APEX-SBE 3436 - Date : 2016 5 5

### Warning Objective Analysis Anomalies 2016 May TEMP PSAL - DAC KO

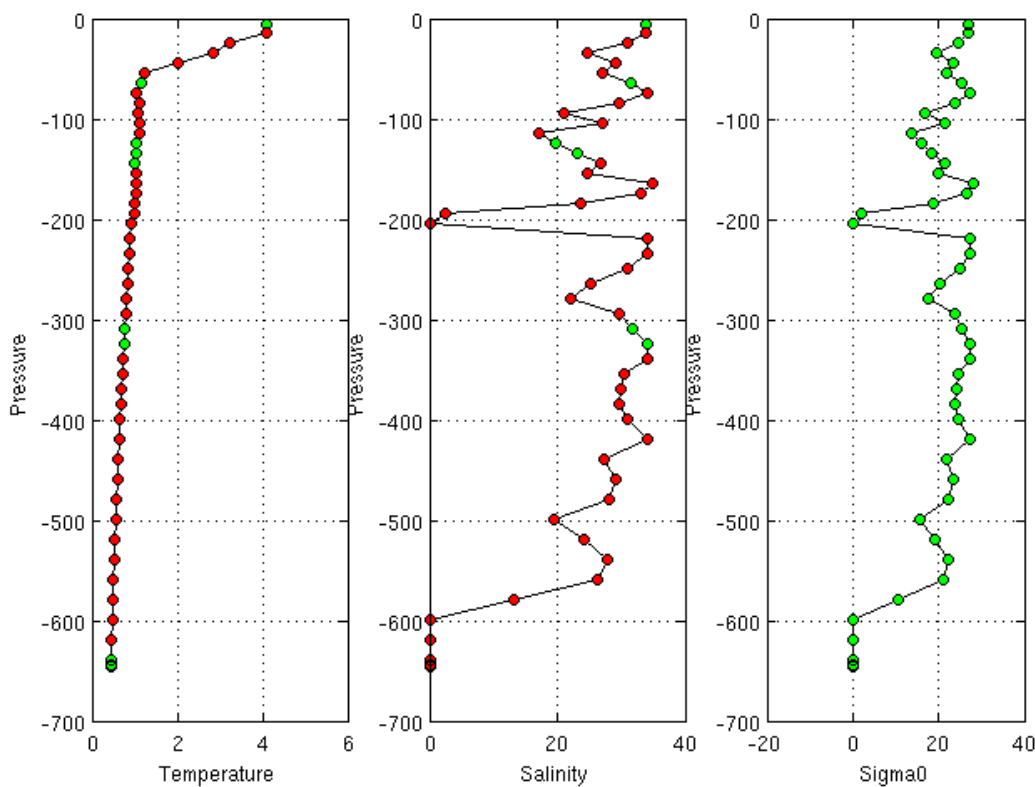




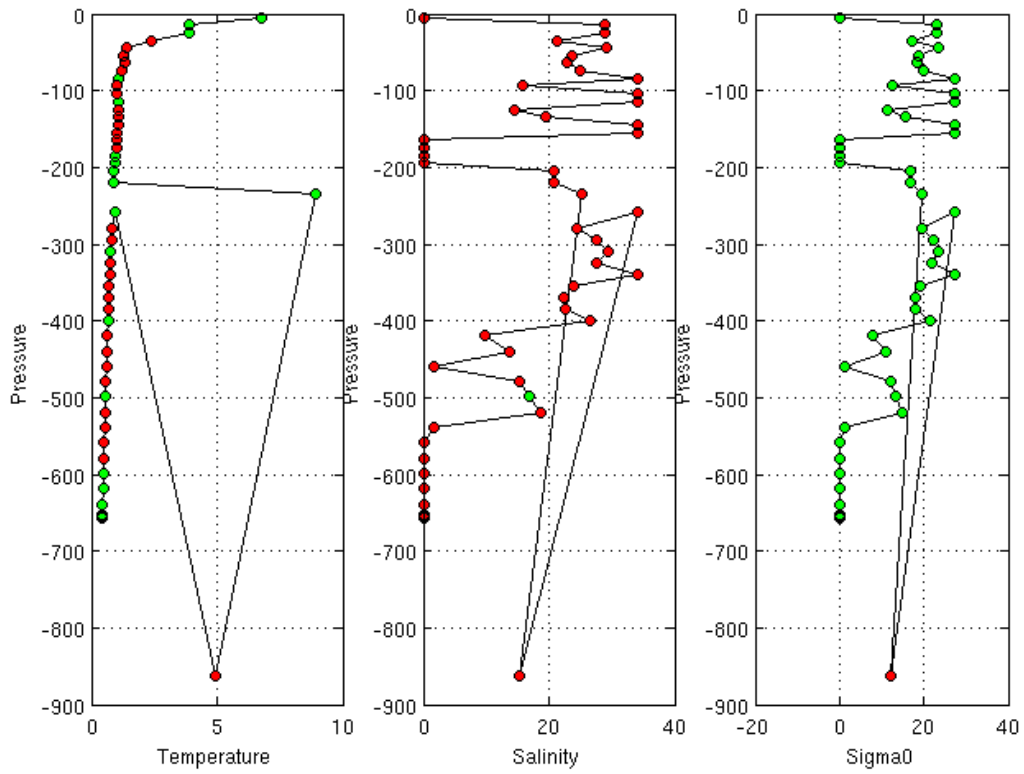
DAC\_CODE,PLATFORM\_CODE,CV\_NUMBER,DATE\_UPDATE,DIRECTION,WEB\_URL,PARAMETER,START\_IMMERSION,STOP\_IMMERSION,OLD\_QC,NEW\_QC  
 KO,2900450,334,04/05/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=43997356 ,PSAL,124.3,134.2,1,4  
 KO,2900450,334,04/05/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=43997356 ,PSAL,309.3,324.1,1,4  
 KO,2900450,334,04/05/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=43997356 ,PSAL,5,5,1,4  
 KO,2900450,334,04/05/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=43997356 ,PSAL,64.5,64.5,1,4  
 KO,2900450,334,04/05/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=43997356 ,TEMP,124.3,144.2,1,4  
 KO,2900450,334,04/05/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=43997356 ,TEMP,309.3,324.1,1,4  
 KO,2900450,334,04/05/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=43997356 ,TEMP,5,5,1,4  
 KO,2900450,334,04/05/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=43997356 ,TEMP,638.8,645.3,1,4  
 KO,2900450,334,04/05/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=43997356 ,TEMP,64.5,64.5,1,4  
 KO,2900450,335,13/05/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=44048636 ,PSAL,498.8,498.8,1,4  
 KO,2900450,335,13/05/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=44048636 ,TEMP,114.4,114.4,1,4  
 KO,2900450,335,13/05/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=44048636 ,TEMP,184.4,233.7,1,4  
 KO,2900450,335,13/05/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=44048636 ,TEMP,258.1,258.1,1,4  
 KO,2900450,335,13/05/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=44048636 ,TEMP,309.4,309.4,1,4  
 KO,2900450,335,13/05/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=44048636 ,TEMP,398.9,398.9,1,4  
 KO,2900450,335,13/05/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=44048636 ,TEMP,4.5,24.4,1,4  
 KO,2900450,335,13/05/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=44048636 ,TEMP,498.8,498.8,1,4  
 KO,2900450,335,13/05/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=44048636 ,TEMP,599,655.8,1,4  
 KO,2900450,335,13/05/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=44048636 ,TEMP,84.2,84.2,1,4  
 KO,2900922,316,09/05/2016 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=44015070 ,PSAL,219.4,219.4,1,4

Example of anomalies:

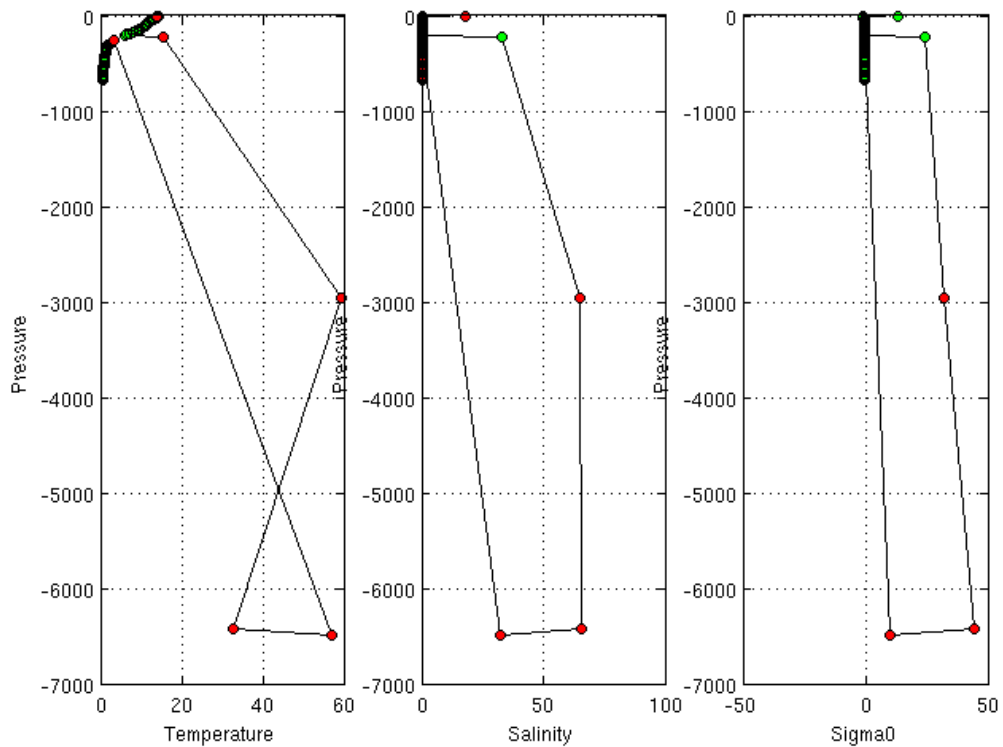
**Warning Objective Analysis Anomalies 2016 May TEMP PSAL : DAC KO- Float 2900450-334**



Warning Objective Analysis Anomalies 2016 May TEMP PSAL : DAC KO- Float 2900450-335



Warning Objective Analysis Anomalies 2016 May TEMP PSAL : DAC KO- Float 2900922-316



## 9. DAC MEDS

Profiles detected by the objective analysis: 0

**Status of corrections:**

Example of anomalies:

## 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.

### 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 monoprofile, no trajectory, no technical file)

See below the list of floats with existing nc files :

**DAC name : aoml - Number of floats : 5934**

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 -

1900202 - Existing nc files

File : 1900202\_meta.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 -

1900423 - Existing nc files

File : 1900423\_meta.nc -

1900436 - Existing nc files

File : 1900436\_meta.nc -

1900437 - Existing nc files

File : 1900437\_meta.nc -

1900448 - Existing nc files

File : 1900448\_meta.nc -

1900574 - Existing nc files

File : 1900574\_meta.nc -

1900709 - Existing nc files

File : 1900709\_meta.nc -

1900739 - Existing nc files

File : 1900739\_meta.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 -

1900784 - Existing nc files

File : 1900784\_meta.nc -

1900793 - Existing nc files

File : 1900793\_meta.nc -

1900825 - Existing nc files

File : 1900825\_meta.nc -

1900831 - Existing nc files

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

1900950 - Existing nc files

File : 1900950\_meta.nc -

1900985 - Existing nc files

File : 1900985\_meta.nc -

1900990 - Existing nc files

File : 1900990\_meta.nc -

1900992 - Existing nc files

File : 1900992\_meta.nc -

1900994 - Existing nc files  
File : 1900994\_meta.nc -

1900995 - Existing nc files  
File : 1900995\_meta.nc -

1901008 - Existing nc files  
File : 1901008\_meta.nc -

1901500 - Existing nc files  
File : 1901500\_meta.nc -

1901519 - Existing nc files  
File : 1901519\_meta.nc -

1901521 - Existing nc files  
File : 1901521\_meta.nc -

1901522 - Existing nc files  
File : 1901522\_meta.nc -

1901542 - Existing nc files  
File : 1901542\_meta.nc -

1901545 - Existing nc files  
File : 1901545\_meta.nc -

1901546 - Existing nc files  
File : 1901546\_meta.nc -

1901555 - Existing nc files  
File : 1901555\_meta.nc -

1901570 - Existing nc files  
File : 1901570\_meta.nc -

1901630 - Existing nc files  
File : 1901630\_meta.nc -

1901631 - Existing nc files  
File : 1901631\_meta.nc -

1901635 - Existing nc files  
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1901636 - Existing nc files  
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1901648 - Existing nc files  
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1901658 - Existing nc files  
File : 1901658\_meta.nc - 1901658\_tech.nc -

1901662 - Existing nc files  
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1901699 - Existing nc files  
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1901707 - Existing nc files  
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1901731 - Existing nc files  
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1901732 - Existing nc files  
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1901733 - Existing nc files  
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1901784 - Existing nc files  
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1901785 - Existing nc files  
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1901806 - Existing nc files  
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1901807 - Existing nc files  
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1901808 - Existing nc files  
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1901809 - Existing nc files  
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1901810 - Existing nc files  
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1901811 - Existing nc files  
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1901812 - Existing nc files  
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1901813 - Existing nc files  
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2900386 - Existing nc files  
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2900390 - Existing nc files  
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2900796 - Existing nc files  
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2900798 - Existing nc files  
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2900824 - Existing nc files  
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2901103 - Existing nc files  
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2901106 - Existing nc files  
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2901110 - Existing nc files  
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2901114 - Existing nc files  
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2901360 - Existing nc files  
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2901378 - Existing nc files  
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2901383 - Existing nc files  
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2901393 - Existing nc files  
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2901400 - Existing nc files  
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2901401 - Existing nc files  
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2901404 - Existing nc files  
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2901405 - Existing nc files  
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2901442 - Existing nc files  
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2902050 - Existing nc files  
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2902051 - Existing nc files  
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2902052 - Existing nc files  
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2902064 - Existing nc files  
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2902065 - Existing nc files  
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2902386 - Existing nc files  
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2902387 - Existing nc files  
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2902388 - Existing nc files  
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2902389 - Existing nc files  
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2902390 - Existing nc files  
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2902391 - Existing nc files  
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2902392 - Existing nc files  
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2902393 - Existing nc files  
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2902394 - Existing nc files  
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2902395 - Existing nc files  
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2902396 - Existing nc files  
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2902397 - Existing nc files  
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2902398 - Existing nc files  
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2902399 - Existing nc files  
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2902400 - Existing nc files  
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2902401 - Existing nc files

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2902402 - Existing nc files

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3900148 - Existing nc files

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3900160 - Existing nc files

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3900260 - Existing nc files

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3900416 - Existing nc files

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3900454 - Existing nc files

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3900612 - Existing nc files

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3900709 - Existing nc files

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3900731 - Existing nc files

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3900744 - Existing nc files

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3900761 - Existing nc files

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3901061 - Existing nc files

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3901062 - Existing nc files

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3901063 - Existing nc files

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3901064 - Existing nc files

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3901105 - Existing nc files

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3901106 - Existing nc files

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3901107 - Existing nc files

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3901108 - Existing nc files

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3901109 - Existing nc files

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3901110 - Existing nc files

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3901111 - Existing nc files

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3901112 - Existing nc files

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3901113 - Existing nc files

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3901114 - Existing nc files

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3901143 - Existing nc files

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3901145 - Existing nc files

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3901210 - Existing nc files

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3901220 - Existing nc files

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3901221 - Existing nc files

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3901222 - Existing nc files

File : 3901222\_meta.nc - 3901222\_prof.nc - 3901222\_tech.nc -

3901223 - Existing nc files

File : 3901223\_meta.nc - 3901223\_prof.nc - 3901223\_tech.nc -

3901224 - Existing nc files

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3901225 - Existing nc files

File : 3901225\_meta.nc - 3901225\_prof.nc - 3901225\_tech.nc -

3901226 - Existing nc files

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3901227 - Existing nc files

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3901228 - Existing nc files

File : 3901228\_meta.nc - 3901228\_prof.nc - 3901228\_tech.nc -

3901229 - Existing nc files

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3901230 - Existing nc files

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3901231 - Existing nc files  
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3901232 - Existing nc files  
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3901233 - Existing nc files  
File : 3901233\_meta.nc - 3901233\_prof.nc - 3901233\_tech.nc -

3901234 - Existing nc files  
File : 3901234\_meta.nc - 3901234\_prof.nc - 3901234\_tech.nc -

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

39050 - Existing nc files  
File : 39050\_meta.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  
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4900269 - Existing nc files  
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4900270 - Existing nc files  
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4900271 - Existing nc files  
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4900272 - Existing nc files  
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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  
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4900367 - Existing nc files  
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4900368 - Existing nc files  
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4900382 - Existing nc files  
File : 4900382\_meta.nc - 4900382\_prof.nc -

4900383 - Existing nc files  
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4900385 - Existing nc files  
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4900426 - Existing nc files  
File : 4900426\_meta.nc - 4900426\_prof.nc -

4900427 - Existing nc files  
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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 -

4900576 - Existing nc files  
File : 4900576\_meta.nc -

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

4900591 - Existing nc files  
File : 4900591\_meta.nc -

4900592 - Existing nc files  
File : 4900592\_meta.nc -

4900774 - Existing nc files  
File : 4900774\_meta.nc -

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

4900783 - Existing nc files  
File : 4900783\_meta.nc -

4900793 - Existing nc files  
File : 4900793\_meta.nc -

4900807 - Existing nc files  
File : 4900807\_meta.nc -

4901013 - Existing nc files  
File : 4901013\_meta.nc -

4901023 - Existing nc files  
File : 4901023\_meta.nc -

4901025 - Existing nc files  
File : 4901025\_meta.nc -

4901026 - Existing nc files  
File : 4901026\_meta.nc -

4901034 - Existing nc files  
File : 4901034\_meta.nc -

4901038 - Existing nc files  
File : 4901038\_meta.nc -

4901042 - Existing nc files  
File : 4901042\_meta.nc -

4901053 - Existing nc files  
File : 4901053\_meta.nc -

4901220 - Existing nc files  
File : 4901220\_meta.nc -

4901293 - Existing nc files  
File : 4901293\_meta.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 -

4901673 - Existing nc files  
File : 4901673\_meta.nc -

4901674 - Existing nc files  
File : 4901674\_meta.nc -

4901676 - Existing nc files  
File : 4901676\_meta.nc -

4901716 - Existing nc files  
File : 4901716\_meta.nc - 4901716\_prof.nc - 4901716\_tech.nc -

4901717 - Existing nc files  
File : 4901717\_meta.nc - 4901717\_prof.nc - 4901717\_tech.nc -

4901718 - Existing nc files  
File : 4901718\_meta.nc - 4901718\_prof.nc - 4901718\_tech.nc -

4901719 - Existing nc files  
File : 4901719\_meta.nc - 4901719\_prof.nc - 4901719\_tech.nc -

4901720 - Existing nc files  
File : 4901720\_meta.nc - 4901720\_prof.nc - 4901720\_tech.nc -

4901721 - Existing nc files  
File : 4901721\_meta.nc - 4901721\_prof.nc - 4901721\_tech.nc -

4902098 - Existing nc files  
File : 4902098\_meta.nc - 4902098\_prof.nc - 4902098\_tech.nc -

4902099 - Existing nc files  
File : 4902099\_meta.nc - 4902099\_prof.nc - 4902099\_tech.nc -

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

4902102 - Existing nc files  
File : 4902102\_meta.nc - 4902102\_prof.nc - 4902102\_tech.nc -

4902103 - Existing nc files  
File : 4902103\_meta.nc - 4902103\_prof.nc - 4902103\_tech.nc -

4902104 - Existing nc files  
File : 4902104\_meta.nc - 4902104\_prof.nc - 4902104\_tech.nc -

4902105 - Existing nc files  
File : 4902105\_meta.nc - 4902105\_prof.nc - 4902105\_tech.nc -

4902106 - Existing nc files  
File : 4902106\_meta.nc - 4902106\_prof.nc - 4902106\_tech.nc -

4902107 - Existing nc files  
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4902108 - Existing nc files  
File : 4902108\_meta.nc - 4902108\_prof.nc - 4902108\_tech.nc -

4902109 - Existing nc files  
File : 4902109\_meta.nc - 4902109\_prof.nc - 4902109\_tech.nc -

4902110 - Existing nc files  
File : 4902110\_meta.nc - 4902110\_prof.nc - 4902110\_tech.nc -

4902111 - Existing nc files  
File : 4902111\_meta.nc - 4902111\_prof.nc - 4902111\_tech.nc -

4902113 - Existing nc files  
File : 4902113\_meta.nc - 4902113\_prof.nc - 4902113\_tech.nc -

4902114 - Existing nc files  
File : 4902114\_meta.nc - 4902114\_prof.nc - 4902114\_tech.nc -

4902115 - Existing nc files  
File : 4902115\_meta.nc - 4902115\_prof.nc - 4902115\_tech.nc -

4902296 - Existing nc files  
File : 4902296\_meta.nc -

5900088 - Existing nc files  
File : 5900088\_meta.nc -

5900115 - Existing nc files  
File : 5900115\_meta.nc -

5900124 - Existing nc files  
File : 5900124\_meta.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 -

5900936 - Existing nc files  
File : 5900936\_meta.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 -

5901307 - Existing nc files  
File : 5901307\_meta.nc -

5901428 - Existing nc files  
File : 5901428\_meta.nc -

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

5902336 - Existing nc files  
File : 5902336\_meta.nc -

5902445 - Existing nc files  
File : 5902445\_meta.nc -

5903296 - Existing nc files  
File : 5903296\_meta.nc - 5903296\_tech.nc -

5903313 - Existing nc files  
File : 5903313\_meta.nc -

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

5903449 - Existing nc files  
File : 5903449\_meta.nc -

5903789 - Existing nc files  
File : 5903789\_meta.nc -

5904014 - Existing nc files  
File : 5904014\_Rtraj.nc - 5904014\_meta.nc - 5904014\_tech.nc -

5904063 - Existing nc files  
File : 5904063\_meta.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 -

5904298 - Existing nc files  
File : 5904298\_meta.nc -

5904388 - Existing nc files  
File : 5904388\_meta.nc -

5904393 - Existing nc files  
File : 5904393\_meta.nc -

5904495 - Existing nc files  
File : 5904495\_meta.nc -

5904665 - Existing nc files  
File : 5904665\_meta.nc -

5904673 - Existing nc files  
File : 5904673\_Rtraj.nc - 5904673\_meta.nc - 5904673\_prof.nc -

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

5904695 - Existing nc files  
File : 5904695\_meta.nc -

59047 - Existing nc files  
File : 59047\_meta.nc -

5904763 - Existing nc files  
File : 5904763\_meta.nc -

5904764 - Existing nc files  
File : 5904764\_meta.nc -

5904767 - Existing nc files  
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5904768 - Existing nc files  
File : 5904768\_meta.nc -

59048 - Existing nc files  
File : 59048\_meta.nc -

59049 - Existing nc files  
File : 59049\_meta.nc -

6900104 - Existing nc files  
File : 6900104\_meta.nc -

6900106 - Existing nc files  
File : 6900106\_meta.nc -

6900108 - Existing nc files  
File : 6900108\_meta.nc -

6900314 - Existing nc files  
File : 6900314\_meta.nc -

6900416 - Existing nc files  
File : 6900416\_meta.nc -

6900417 - Existing nc files  
File : 6900417\_meta.nc -

6900418 - Existing nc files  
File : 6900418\_meta.nc -

6900419 - Existing nc files  
File : 6900419\_meta.nc -

6900421 - Existing nc files

File : 6900421\_meta.nc -

6900422 - Existing nc files  
File : 6900422\_meta.nc -

6900423 - Existing nc files  
File : 6900423\_meta.nc -

6900424 - Existing nc files  
File : 6900424\_meta.nc -

6900425 - Existing nc files  
File : 6900425\_meta.nc -

7900056 - Existing nc files  
File : 7900056\_meta.nc -

7900059 - Existing nc files  
File : 7900059\_meta.nc -

7900108 - Existing nc files  
File : 7900108\_meta.nc

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

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

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

**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 monopprofile, no trajectory)

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

**DAC name : bodc - Number of floats : 518**

1900088 - Existing nc files  
File : 1900088\_meta.nc -

1900093 - Existing nc files  
File : 1900093\_meta.nc -

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

1900371 - Existing nc files  
File : 1900371\_meta.nc -

1900936 - Existing nc files  
File : 1900936\_meta.nc -

1901059 - Existing nc files  
File : 1901059\_meta.nc -

1901229 - Existing nc files  
File : 1901229\_meta.nc -

1901249 - Existing nc files  
File : 1901249\_meta.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 -

2900160 - Existing nc files  
File : 2900160\_meta.nc -

2900195 - Existing nc files  
File : 2900195\_meta.nc -

3900377 - Existing nc files  
File : 3900377\_meta.nc -

3900379 - Existing nc files  
File : 3900379\_meta.nc -

3900380 - Existing nc files  
File : 3900380\_meta.nc -

3900382 - Existing nc files  
File : 3900382\_meta.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

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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 -

49065 - Existing nc files

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

5900181 - Existing nc files

File : 5900181\_meta.nc -

6900085 - Existing nc files

File : 6900085\_meta.nc -

6900201 - Existing nc files

File : 6900201\_meta.nc -

6900409 - Existing nc files

File : 6900409\_meta.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\_tech.nc -

6901161 - Existing nc files

File : 6901161\_meta.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 -

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)
- only meta file and tech file (no monopprofile, no trajectory)
- 

See below the list of floats with existing nc files :

**DAC name : coriolis - Number of floats : 2257**

1900069 - Existing nc files

File : 1900069\_meta.nc -

1900229 - Existing nc files

File : 1900229\_meta.nc - 1900229\_tech.nc -

1900231 - Existing nc files

File : 1900231\_meta.nc - 1900231\_tech.nc -

1900232 - Existing nc files

File : 1900232\_meta.nc - 1900232\_tech.nc -

1900233 - Existing nc files

File : 1900233\_meta.nc - 1900233\_tech.nc -

1900234 - Existing nc files

File : 1900234\_meta.nc - 1900234\_tech.nc -

1900235 - Existing nc files

File : 1900235\_meta.nc - 1900235\_tech.nc -

1900236 - Existing nc files

File : 1900236\_meta.nc - 1900236\_tech.nc -

1900237 - Existing nc files

File : 1900237\_meta.nc - 1900237\_tech.nc -

1900238 - Existing nc files

File : 1900238\_meta.nc - 1900238\_tech.nc -

1900239 - Existing nc files

File : 1900239\_meta.nc - 1900239\_tech.nc -

1900327 - Existing nc files

File : 1900327\_meta.nc - 1900327\_tech.nc -

1900330 - Existing nc files

File : 1900330\_meta.nc - 1900330\_tech.nc -

1900348 - Existing nc files

File : 1900348\_meta.nc - 1900348\_tech.nc -

1900380 - Existing nc files

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

1900464 - Existing nc files

File : 1900464\_meta.nc - 1900464\_tech.nc -

1900465 - Existing nc files

File : 1900465\_meta.nc - 1900465\_tech.nc -

1900557 - Existing nc files

File : 1900557\_meta.nc - 1900557\_tech.nc -

1900860 - Existing nc files

File : 1900860\_meta.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 -

3900794 - Existing nc files

File : 3900794\_Mprof.nc - 3900794\_meta.nc -

3900990 - Existing nc files

File : 3900990\_meta.nc -

3901001 - Existing nc files

File : 3901001\_meta.nc -

4900226 - Existing nc files

File : 4900226\_meta.nc - 4900226\_tech.nc -

4900351 - Existing nc files

File : 4900351\_meta.nc - 4900351\_tech.nc -

5902296 - Existing nc files

File : 5902296\_meta.nc - 5902296\_tech.nc -

5902309 - Existing nc files

File : 5902309\_meta.nc -

5903129 - Existing nc files

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

6900129 - Existing nc files

File : 6900129\_meta.nc -

6900131 - Existing nc files

File : 6900131\_meta.nc -

6900164 - Existing nc files

File : 6900164\_meta.nc -

6900165 - Existing nc files

File : 6900165\_meta.nc -

6900182 - Existing nc files

File : 6900182\_meta.nc - 6900182\_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 -

6900235 - Existing nc files

File : 6900235\_meta.nc -

6900283 - Existing nc files

File : 6900283\_meta.nc - 6900283\_tech.nc -

6900296 - Existing nc files

File : 6900296\_meta.nc - 6900296\_tech.nc -

6900633 - Existing nc files

File : 6900633\_meta.nc - 6900633\_tech.nc -

6900634 - Existing nc files

File : 6900634\_meta.nc - 6900634\_tech.nc -

6900684 - Existing nc files

File : 6900684\_meta.nc -

6900704 - Existing nc files

File : 6900704\_meta.nc -

6900713 - Existing nc files

File : 6900713\_meta.nc -

6900809 - Existing nc files

File : 6900809\_meta.nc - 6900809\_tech.nc -

6900831 - Existing nc files

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

6900832 - Existing nc files

File : 6900832\_meta.nc - 6900832\_tech.nc -

6900833 - Existing nc files

File : 6900833\_meta.nc - 6900833\_tech.nc -

6900886 - Existing nc files

File : 6900886\_meta.nc - 6900886\_tech.nc -

6900887 - Existing nc files

File : 6900887\_meta.nc - 6900887\_tech.nc -

6900940 - Existing nc files



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

6900983 - Existing nc files

File : 6900983\_meta.nc -

6900999 - Existing nc files

File : 6900999\_meta.nc - 6900999\_tech.nc -

6901000 - Existing nc files

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

6901057 - Existing nc files

File : 6901057\_meta.nc - 6901057\_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 -

6901388 - Existing nc files

File : 6901388\_meta.nc - 6901388\_tech.nc -

6901438 - Existing nc files

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

6901469 - Existing nc files

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

6901479 - Existing nc files

File : 6901479\_meta.nc - 6901479\_tech.nc -

6901498 - Existing nc files

File : 6901498\_meta.nc - 6901498\_tech.nc -

6901499 - Existing nc files

File : 6901499\_meta.nc - 6901499\_tech.nc -

6901551 - Existing nc files

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

6901555 - Existing nc files

File : 6901555\_meta.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 -

6901719 - Existing nc files

File : 6901719\_meta.nc - 6901719\_tech.nc -

6901720 - Existing nc files

File : 6901720\_meta.nc - 6901720\_tech.nc -

6901722 - Existing nc files

File : 6901722\_meta.nc - 6901722\_tech.nc -

6901724 - Existing nc files

File : 6901724\_meta.nc - 6901724\_tech.nc -

6901725 - Existing nc files

File : 6901725\_meta.nc - 6901725\_tech.nc -

6901726 - Existing nc files

File : 6901726\_meta.nc - 6901726\_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 -

6901866 - Existing nc files

File : 6901866\_meta.nc - 6901866\_tech.nc -

6901871 - Existing nc files

File : 6901871\_meta.nc - 6901871\_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 -

6902041 - Existing nc files

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

69021 - Existing nc files

File : 69021\_meta.nc - 69021\_prof.nc - 69021\_tech.nc -

6902583 - Existing nc files

File : 6902583\_meta.nc - 6902583\_tech.nc -

6902688 - Existing nc files

File : 6902688\_meta.nc - 6902688\_tech.nc -

69029 - Existing nc files

File : 69029\_meta.nc -

6903174 - Existing nc files

File : 6903174\_meta.nc - 6903174\_tech.nc -

6903177 - Existing nc files

File : 6903177\_meta.nc - 6903177\_tech.nc -

6903178 - Existing nc files

File : 6903178\_meta.nc - 6903178\_tech.nc -

6903179 - Existing nc files

File : 6903179\_meta.nc - 6903179\_tech.nc -

6903181 - Existing nc files

File : 6903181\_meta.nc - 6903181\_tech.nc -

6903182 - Existing nc files

File : 6903182\_meta.nc - 6903182\_tech.nc -

6903183 - Existing nc files

File : 6903183\_meta.nc - 6903183\_tech.nc -

6903184 - Existing nc files

File : 6903184\_meta.nc - 6903184\_tech.nc -

6903185 - Existing nc files

File : 6903185\_meta.nc - 6903185\_tech.nc -

6903186 - Existing nc files

File : 6903186\_meta.nc - 6903186\_tech.nc -

6903187 - Existing nc files

File : 6903187\_meta.nc - 6903187\_tech.nc -

6903188 - Existing nc files

File : 6903188\_meta.nc - 6903188\_tech.nc -

6903189 - Existing nc files

File : 6903189\_meta.nc - 6903189\_tech.nc -

6903190 - Existing nc files

File : 6903190\_meta.nc - 6903190\_tech.nc -

6903191 - Existing nc files

File : 6903191\_meta.nc - 6903191\_tech.nc -

6903192 - Existing nc files

File : 6903192\_meta.nc - 6903192\_tech.nc -

6903193 - Existing nc files

File : 6903193\_meta.nc - 6903193\_tech.nc -

6903194 - Existing nc files

File : 6903194\_meta.nc - 6903194\_tech.nc -

6903195 - Existing nc files

File : 6903195\_meta.nc - 6903195\_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 -

69033 - Existing nc files

File : 69033\_meta.nc -

7900038 - Existing nc files

File : 7900038\_meta.nc - 7900038\_tech.nc -

7900039 - Existing nc files

File : 7900039\_meta.nc - 7900039\_tech.nc -

7900092 - Existing nc files

File : 7900092\_meta.nc - 7900092\_tech.nc -

7900218 - Existing nc files

File : 7900218\_meta.nc - 7900218\_tech.nc -

7900221 - Existing nc files

File : 7900221\_meta.nc - 7900221\_tech.nc -

7900234 - Existing nc files

File : 7900234\_meta.nc - 7900234\_tech.nc -

7900338 - Existing nc files

File : 7900338\_meta.nc - 7900338\_tech.nc -

7900339 - Existing nc files

File : 7900339\_meta.nc - 7900339\_tech.nc -

7900342 - Existing nc files

File : 7900342\_meta.nc - 7900342\_tech.nc -

7900348 - Existing nc files

File : 7900348\_meta.nc - 7900348\_tech.nc -

7900349 - Existing nc files

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

7900358 - Existing nc files

File : 7900358\_meta.nc - 7900358\_tech.nc -

7900360 - Existing nc files

File : 7900360\_meta.nc - 7900360\_tech.nc -

7900371 - Existing nc files

File : 7900371\_meta.nc - 7900371\_tech.nc -

7900399 - Existing nc files

File : 7900399\_meta.nc -

7900405 - Existing nc files

File : 7900405\_meta.nc - 7900405\_tech.nc

## 11.4. CSIO

## **GDAC (missing nc files)**

### **For some floats :**

- multiprof.nc is missing (no profiles but tech, traj, meta exist)
- only meta file (no monopofile)

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

#### **DAC name : csio - Number of floats : 332**

2901195 - Existing nc files

File : 2901195\_meta.nc -

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 -

5900319 - Existing nc files

File : 5900319\_meta.nc -

5900320 - Existing nc files

File : 5900320\_meta.nc

## **11.5. CSIRO**

## **GDAC (missing nc files)**

### **For some floats :**

- traj.nc is missing (only meta.nc, tech.nc and prof.nc files)
- one float (1901144) with only meta.nc and tech.nc
- only meta file (no monopofile)

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

#### **DAC name : csiro - Number of floats : 738**

1901122 - Existing nc files

File : 1901122\_meta.nc -

1901144 - Existing nc files

File : 1901144\_meta.nc -

1901326 - Existing nc files

File : 1901326\_meta.nc -

1901328 - Existing nc files

File : 1901328\_meta.nc -

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 -

5900333 - Existing nc files

File : 5900333\_meta.nc -

5900851 - Existing nc files

File : 5900851\_meta.nc -

5900864 - Existing nc files

File : 5900864\_meta.nc -

5901136 - Existing nc files

File : 5901136\_meta.nc -

5901146 - Existing nc files

File : 5901146\_meta.nc -

5903680 - Existing nc files

File : 5903680\_meta.nc -

5903684 - Existing nc files

File : 5903684\_meta.nc -

5903946 - Existing nc files

File : 5903946\_meta.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 -

5904237 - Existing nc files

File : 5904237\_meta.nc -

5904238 - Existing nc files

File : 5904238\_meta.nc -

5904240 - Existing nc files

File : 5904240\_meta.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 : 5904995\_meta.nc - 5904995\_prof.nc - 5904995\_tech.nc -

5904996 - Existing nc files

File : 5904996\_meta.nc - 5904996\_prof.nc - 5904996\_tech.nc -

5904997 - Existing nc files

File : 5904997\_meta.nc - 5904997\_prof.nc - 5904997\_tech.nc -

5904998 - Existing nc files

File : 5904998\_meta.nc - 5904998\_prof.nc - 5904998\_tech.nc -

5904999 - Existing nc files

File : 5904999\_meta.nc - 5904999\_prof.nc - 5904999\_tech.nc -

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 -

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 -

7900620 - Existing nc files

File : 7900620\_meta.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)
- only meta file or only meta.nc + tech.nc (no monoprofile, no trajectory)

### 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 -

2901295 - Existing nc files  
 File : 2901295\_meta.nc -

2901352 - Existing nc files  
 File : 2901352\_meta.nc -

2902104 - Existing nc files  
 File : 2902104\_meta.nc -

2902126 - Existing nc files

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

2902144 - Existing nc files  
 File : 2902144\_meta.nc -

2902145 - Existing nc files  
 File : 2902145\_meta.nc -

2902176 - Existing nc files  
 File : 2902176\_meta.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. The details and their WMO ID are as follows.

-No profile data are available: 11 floats

2900748	2902455	4902032
2901030	2902469	5900277
2901068	2902521	7900656
2901657	4900293	

-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
- only meta file and/or tech file (no monopprofile, no trajectory)

See below the list of floats with existing nc files :

**DAC name : jma - Number of floats : 1440**

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

2901068 - Existing nc files  
 File : 2901068\_meta.nc -

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

2901657 - Existing nc files  
 File : 2901657\_meta.nc -

2900748 - Existing nc files  
 File : 2900748\_meta.nc -

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

2901000 - Existing nc files  
 File : 2901000\_meta.nc -

2902408 - Existing nc files  
 File : 2902408\_meta.nc -

2901030 - Existing nc files  
 File : 2901030\_meta.nc -

2902409 - Existing nc files  
 File : 2902409\_meta.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 -

2902521 - Existing nc files  
File : 2902521\_meta.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 -

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

4902032 - Existing nc files  
File : 4902032\_meta.nc -

4902362 - Existing nc files  
File : 4902362\_meta.nc - 4902362\_prof.nc -

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

5901559 - Existing nc files  
File : 5901559\_meta.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 -

7900656 - Existing nc files  
File : 7900656\_meta.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)
- only meta file (no monopofile, no trajectory, no tech file)

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

**DAC name : kma - Number of floats : 201**

2900198 - Existing nc files  
File : 2900198\_meta.nc -

2900310 - Existing nc files  
File : 2900310\_meta.nc -

2900893 - Existing nc files  
File : 2900893\_meta.nc -

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 -

2901731 - Existing nc files  
File : 2901731\_meta.nc -

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

5900137 - Existing nc files  
File : 5900137\_meta.nc -

5900140 - Existing nc files  
File : 5900140\_meta.nc -

5900141 - Existing nc files  
File : 5900141\_meta.nc -

5900142 - Existing nc files  
File : 5900142\_meta.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 :**

- only meta file (no monoprofile)
- traj file missing

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

**DAC name : meds - Number of floats : 423**

4900079 - Existing nc files  
File : 4900079\_meta.nc -

4900114 - Existing nc files  
File : 4900114\_meta.nc -

4900527 - Existing nc files  
File : 4900527\_meta.nc -

4900529 - Existing nc files  
File : 4900529\_meta.nc -

4901184 - Existing nc files  
File : 4901184\_meta.nc -

4901197 - Existing nc files  
File : 4901197\_meta.nc -

4901757 - Existing nc files  
File : 4901757\_meta.nc -

4901760 - Existing nc files  
File : 4901760\_meta.nc -

4901796 - Existing nc files  
File : 4901796\_meta.nc -

4901808 - Existing nc files  
File : 4901808\_meta.nc -

4901809 - Existing nc files  
File : 4901809\_meta.nc - 4901809\_prof.nc - 4901809\_tech.nc -

4901810 - Existing nc files  
File : 4901810\_meta.nc -

4901811 - Existing nc files  
File : 4901811\_meta.nc -

4901813 - Existing nc files  
File : 4901813\_meta.nc - 4901813\_prof.nc - 4901813\_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....."
```



DATA\_MODE = "R" => DATA\_MODE = "D" ;

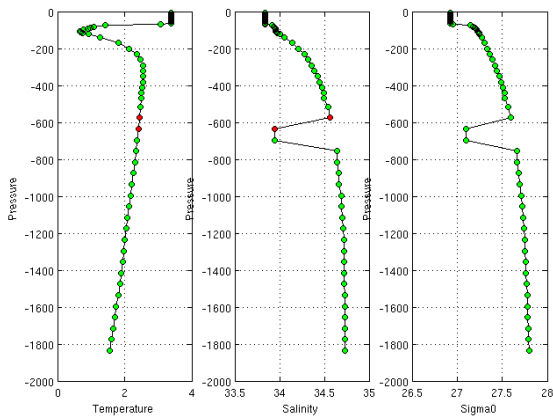
Name of the files R2901632\_<cycle\_number>.nc => D2901632\_<cycle\_number>.nc

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

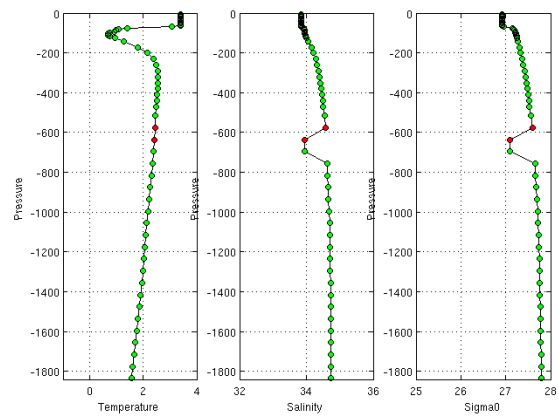
## 13. Automatic Tests ()

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

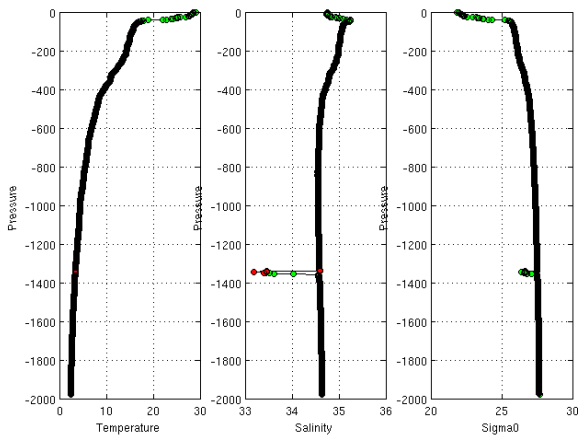
Warning Objective Analysis Anomalies 2016 March TEMP PSAL : DAC AO- Float 1901433-226



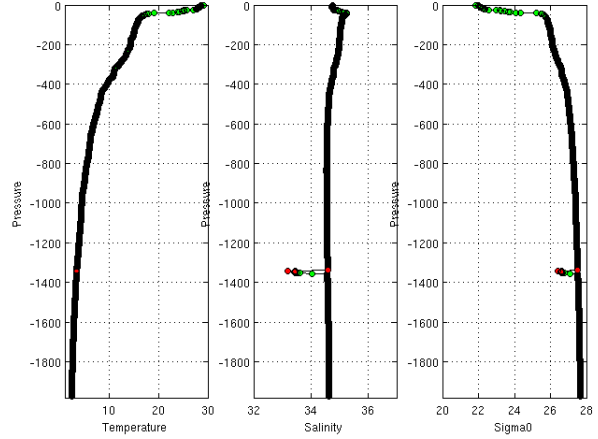
Using Jean Philippe Matlab density inversion test : Float 1901433\_26 Data mode : R



Warning Objective Analysis Anomalies 2016 March TEMP PSAL : DAC AO- Float 3901149-108



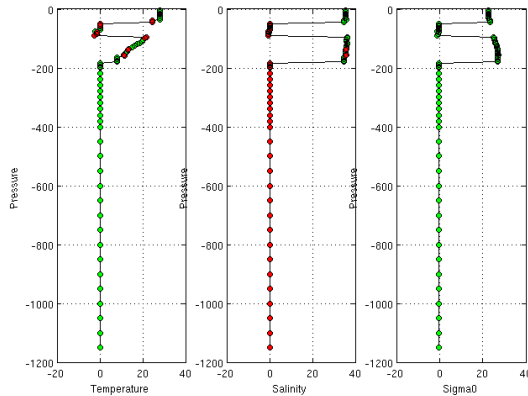
Using Jean Philippe Matlab density inversion test : Float 3901149\_08 Data mode : A



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 :

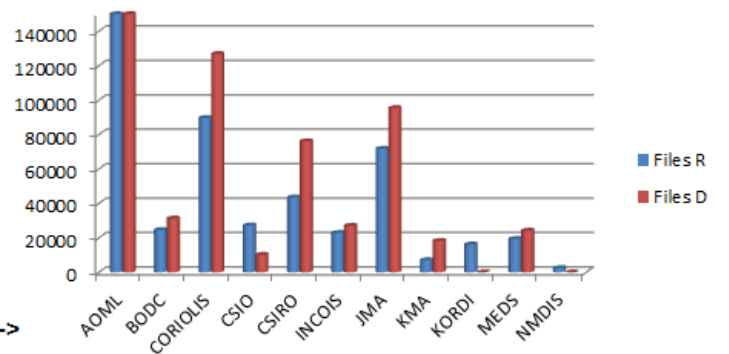
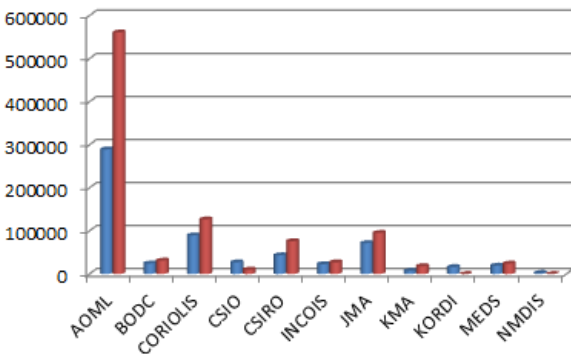
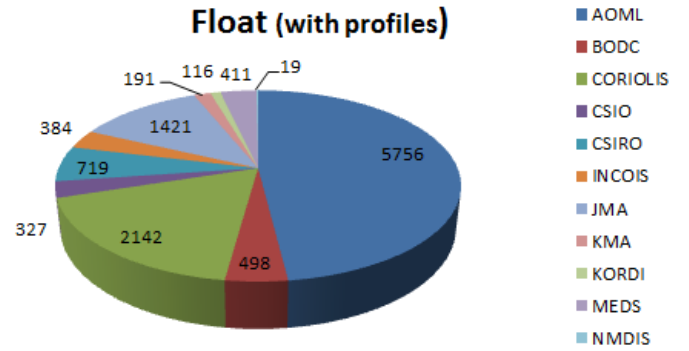
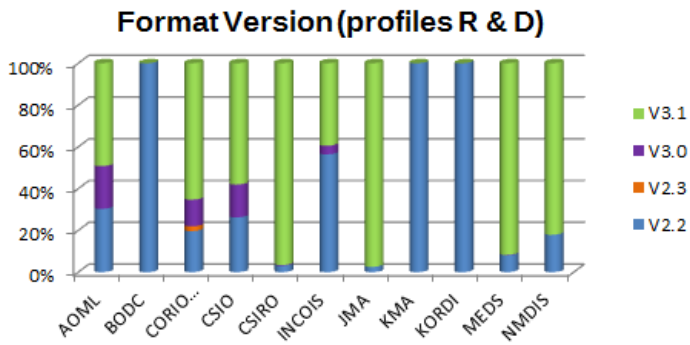
Warning Objective Analysis Anomalies 2016 May TEMP PSAL : DAC AO- Float 1901504-183



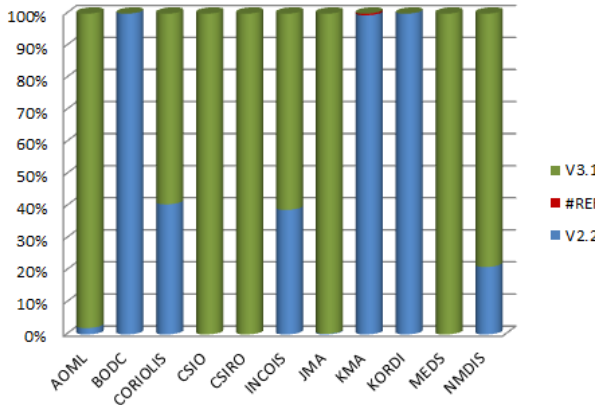
Some profiles have temperature measurements with the zero values which are not good but they did not fail with any test.

# 14. Statistics on floats and format version

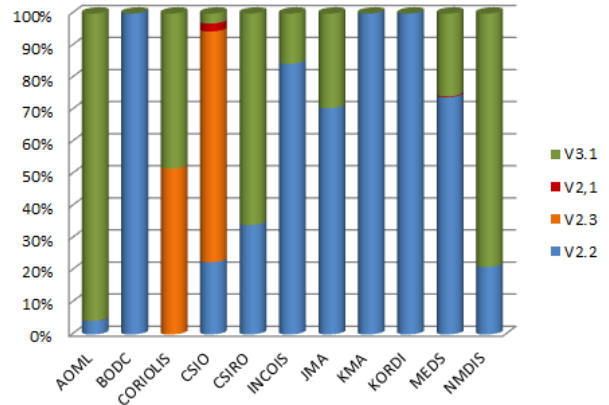
Plots showing format\_version percentage, number of floats (with profiles), number of D and R files by DACs.



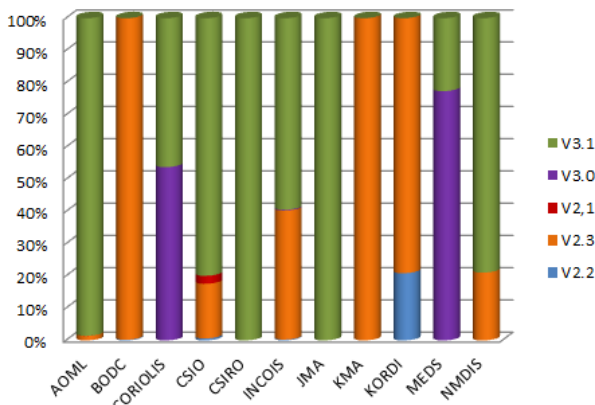
**Metadata files**



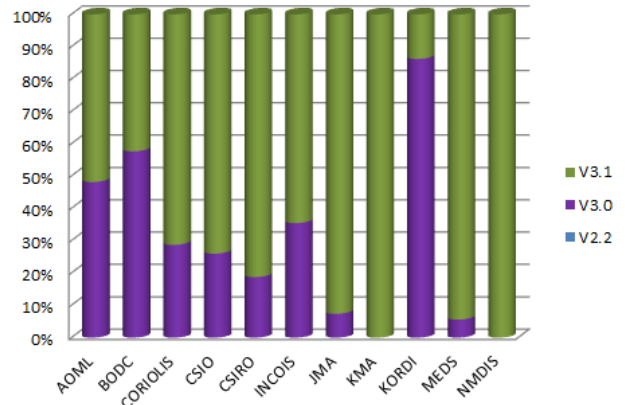
**Trajectory files**



**Technical files**



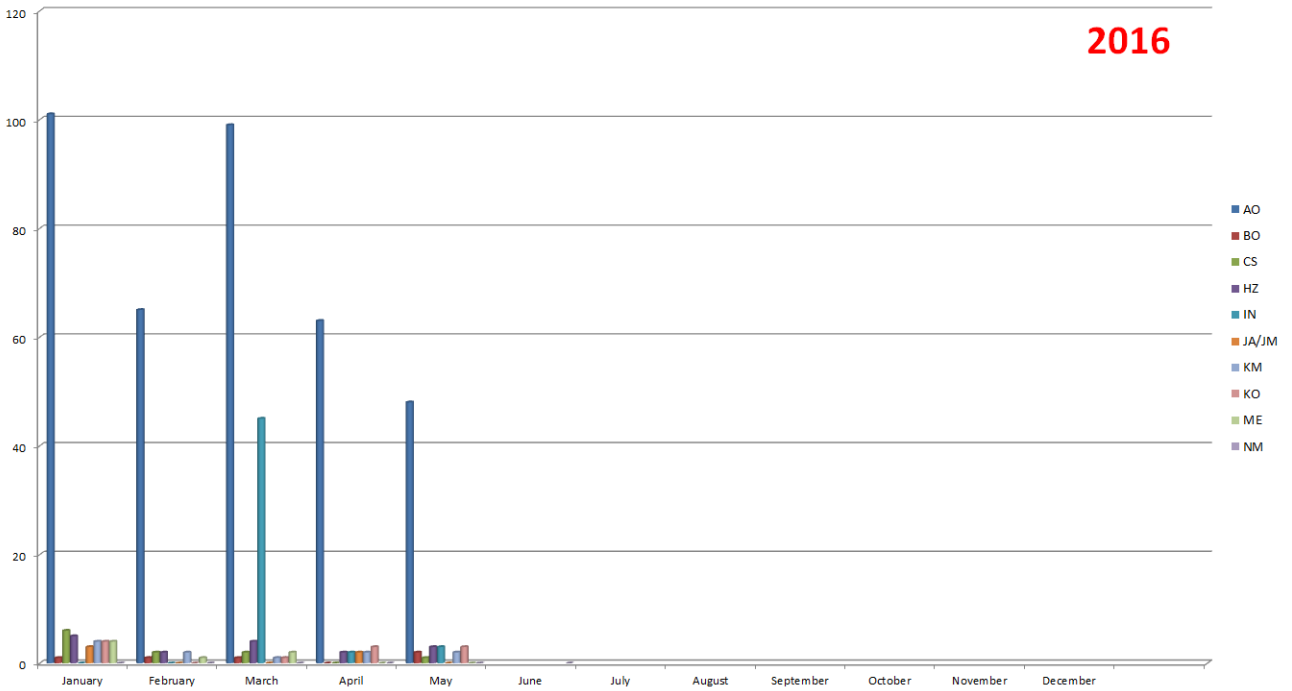
**Multiprofile files**



# 15. Statistics on anomalies

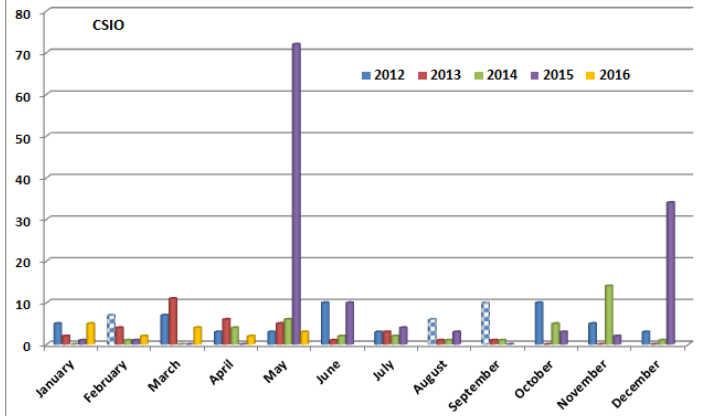
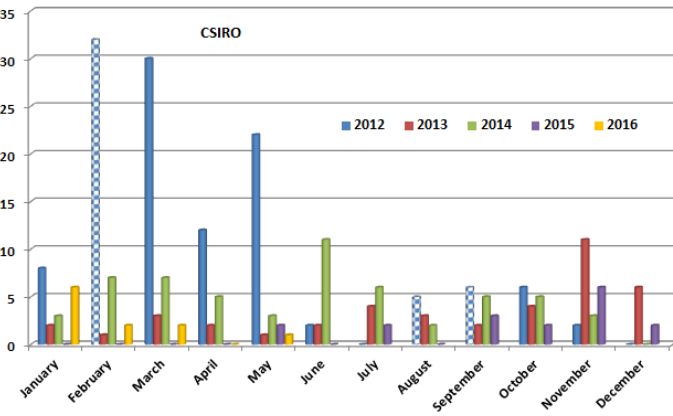
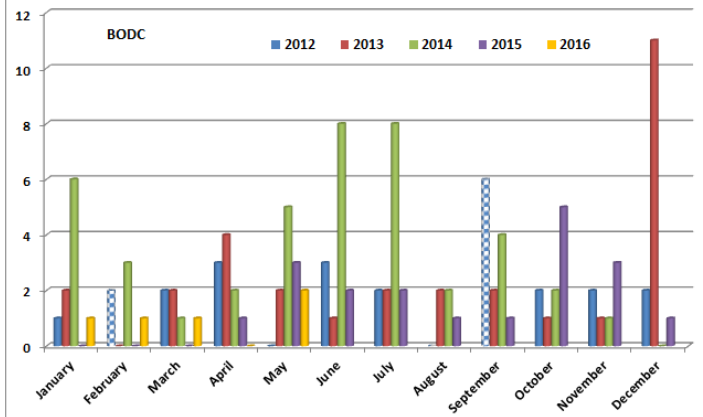
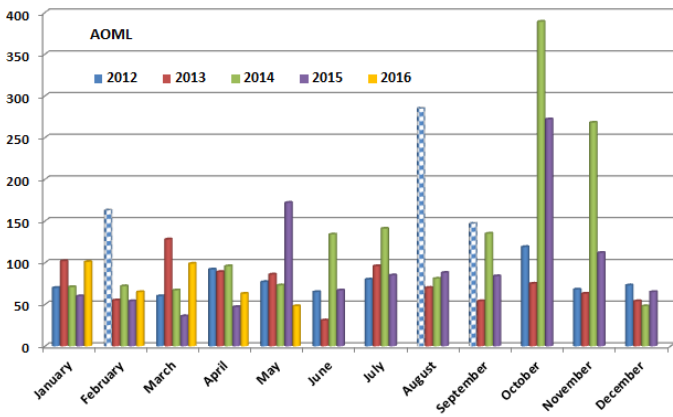
Plots showing evolution of number of anomalies by DAC.

## 15.1. Year

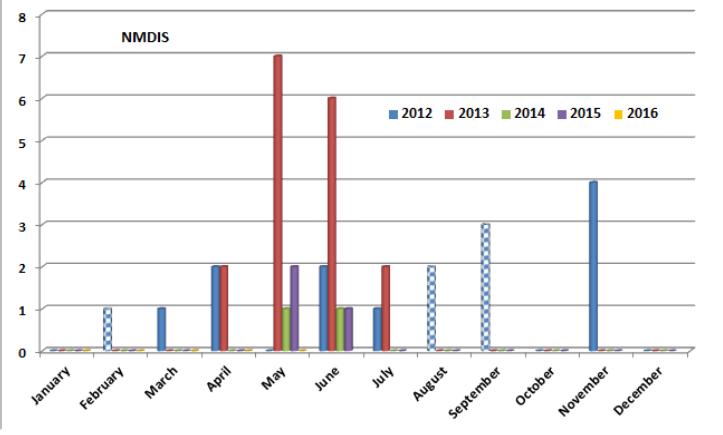
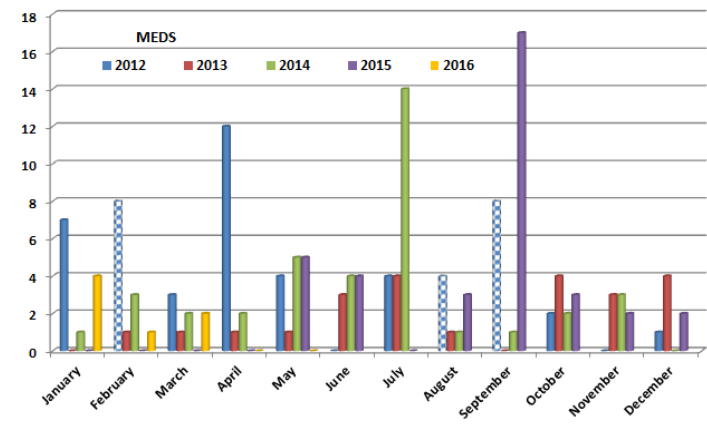
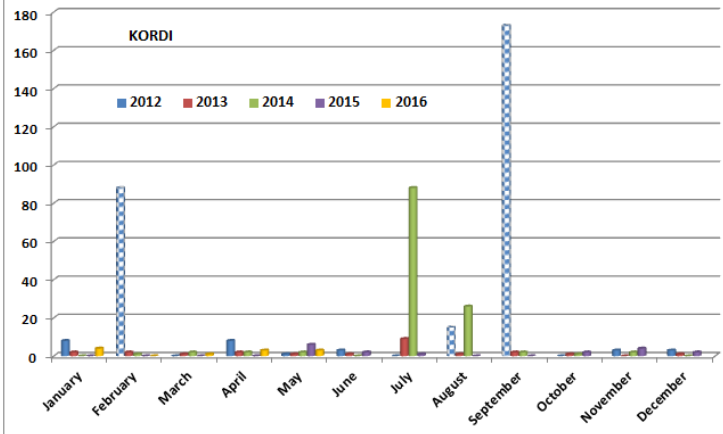
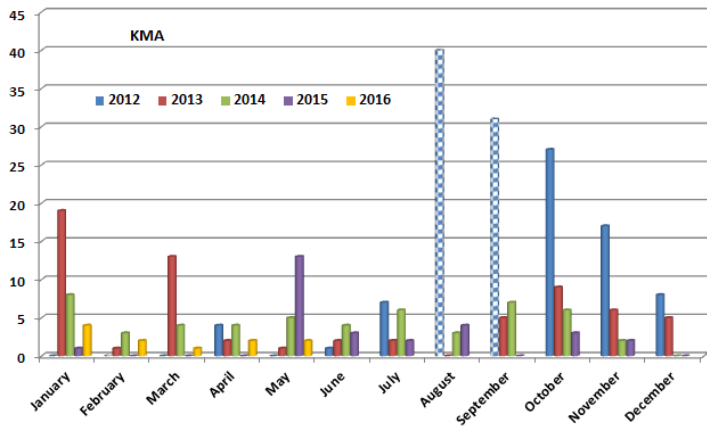
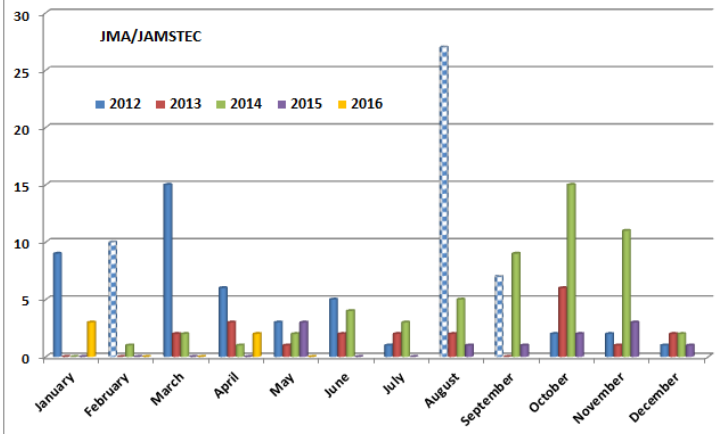
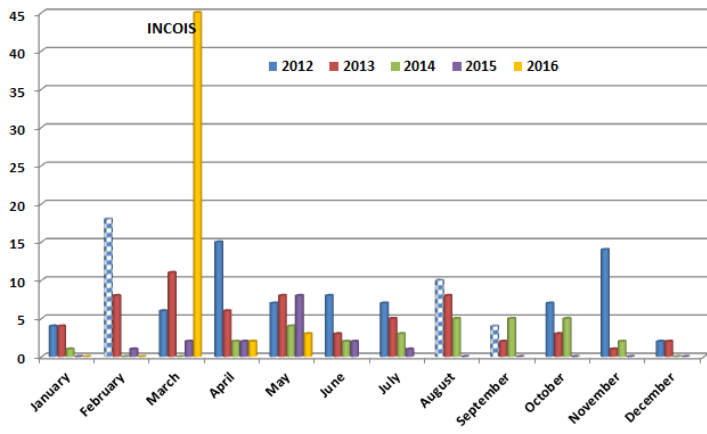


Year 2016

## 15.2. DAC







### 15.3. Anomalies by year, by month

