



# Anomalies on Argo profiles

From warning objective analysis, netcdf file analysis

March 2015

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Coriolis

# Anomalies by DAC

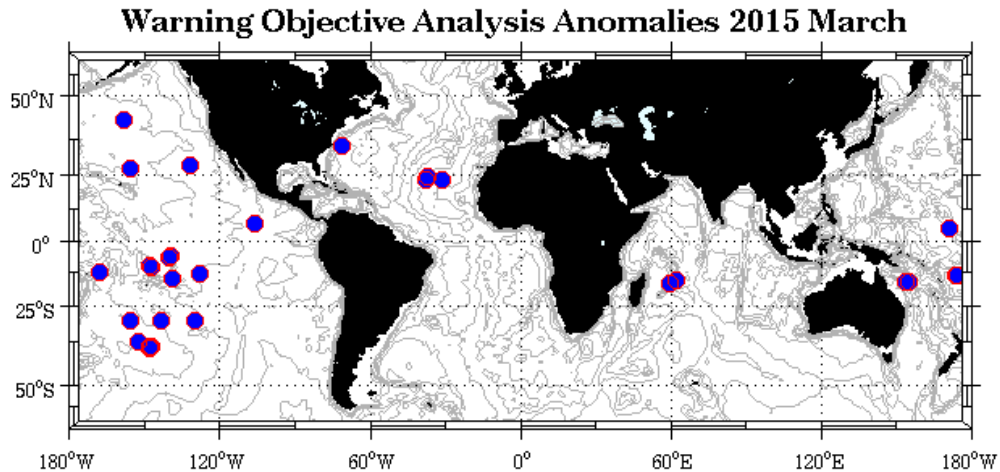
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# 1. DAC AOML

Profiles detected by the objective analysis: 36



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

**In blue: floats with multipfiles.**

Float : 3900500 - Cycle : 320 - PI : STEPHEN RISER - Data mode : A - INST REF : - Date : 2015 3 3  
Float : 3900845 - Cycle : 257 - PI : STEPHEN RISER - Data mode : A - INST REF : - Date : 2015 2 3  
Float : 3900845 - Cycle : 259 - PI : STEPHEN RISER - Data mode : A - INST REF : - Date : 2015 2 24  
Float : 4901435 - Cycle : 114 - PI : GREGORY C. JOHNSON - Data mode : A - INST REF : - Date : 2015 1 29  
Float : 5900414 - Cycle : 283 - PI : STEPHEN RISER - Data mode : A - INST REF : - Date : 2015 2 6  
Float : 5900414 - Cycle : 285 - PI : STEPHEN RISER - Data mode : A - INST REF : - Date : 2015 2 26  
Float : 5900708 - Cycle : 347 - PI : GREGORY C. JOHNSON - Data mode : A - INST REF : - Date : 2015 2 9  
Float : 5901061 - Cycle : 313 - PI : STEPHEN RISER - Data mode : A - INST REF : - Date : 2015 3 4  
Float : 5901746 - Cycle : 251 - PI : STEPHEN RISER - Data mode : A - INST REF : - Date : 2015 3 1  
Float : 5901884 - Cycle : 220 - PI : STEPHEN RISER - Data mode : A - INST REF : - Date : 2015 2 4  
Float : 5901884 - Cycle : 222 - PI : STEPHEN RISER - Data mode : A - INST REF : - Date : 2015 2 26  
Float : 5901884 - Cycle : 223 - PI : STEPHEN RISER - Data mode : A - INST REF : - Date : 2015 3 9  
Float : 5901895 - Cycle : 229 - PI : STEPHEN RISER - Data mode : A - INST REF : - Date : 2015 2 12  
Float : 5902078 - Cycle : 228 - PI : STEPHEN RISER - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 3944 - Date : 2015 2 27  
Float : 5902078 - Cycle : 229 - PI : STEPHEN RISER - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 3944 - Date : 2015 3 9  
Float : 5903424 - Cycle : 122 - PI : STEPHEN RISER - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 4932 - Date : 2015 3 3  
Float : 5903598 - Cycle : 120 - PI : STEPHEN RISER - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 5651 - Date : 2015 2 22  
Float : 5903974 - Cycle : 81 - PI : STEPHEN RISER - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 5849 - Date : 2015 2 25  
Float : 5903974 - Cycle : 82 - PI : STEPHEN RISER - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 5849 - Date : 2015 3 7  
Float : 5903976 - Cycle : 80 - PI : STEPHEN RISER - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 5848 - Date : 2015 2 18  
Float : 5903976 - Cycle : 81 - PI : STEPHEN RISER - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 5848 - Date : 2015 2 28  
Float : 5903979 - Cycle : 78 - PI : STEPHEN RISER - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 5850 - Date : 2015 1 27  
Float : 5903979 - Cycle : 79 - PI : STEPHEN RISER - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 5850 - Date : 2015 2 7  
Float : 5903979 - Cycle : 80 - PI : STEPHEN RISER - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 5850 - Date : 2015 2 17  
Float : 5903984 - Cycle : 80 - PI : STEPHEN RISER - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 6222 - Date : 2015 2 10  
Float : 5903984 - Cycle : 82 - PI : STEPHEN RISER - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 6222 - Date : 2015 3 2  
Float : 5903985 - Cycle : 78 - PI : STEPHEN RISER - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 6223 - Date : 2015 1 30  
Float : 5903997 - Cycle : 233 - PI : STEPHEN RISER - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 5742 - Date : 2015 2 8  
Float : 5903998 - Cycle : 163 - PI : STEPHEN RISER - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 5580 - Date : 2015 3 5  
Float : 5904005 - Cycle : 127 - PI : STEPHEN RISER - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 6003 - Date : 2015 2 4  
Float : 5904005 - Cycle : 128 - PI : STEPHEN RISER - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 6003 - Date : 2015 2 12  
Float : 5904007 - Cycle : 127 - PI : STEPHEN RISER - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 6018 - Date : 2015 2 3  
Float : 5904007 - Cycle : 128 - PI : STEPHEN RISER - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 6018 - Date : 2015 2 11  
Float : 5904405 - Cycle : 21 - PI : STEPHEN RISER - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 6934 - Date : 2015 2 5  
Float : 5904405 - Cycle : 23 - PI : STEPHEN RISER - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 6934 - Date : 2015 2 25  
Float : 5904405 - Cycle : 24 - PI : STEPHEN RISER - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 6934 - Date : 2015 3 7























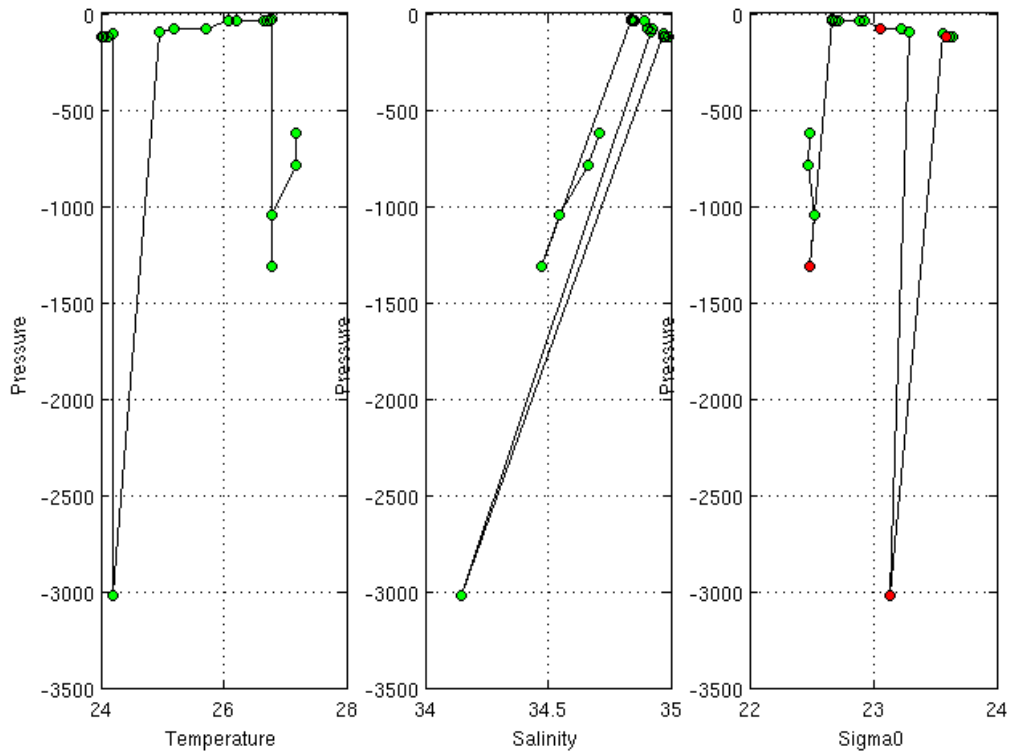




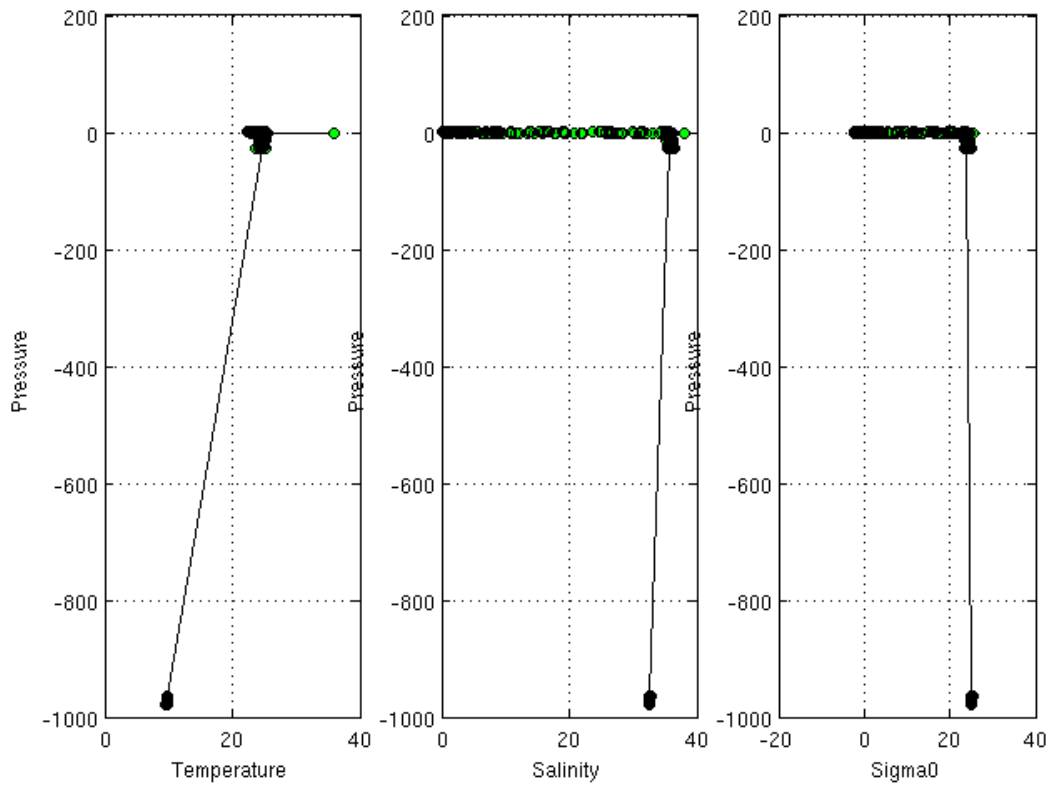




Warning Objective Analysis Anomalies 2015 March TEMP PSAL : DAC AO- Float 5900414-283



Warning Objective Analysis Anomalies 2015 March TEMP PSAL : DAC AO- Float 5904007-127



## 2. DAC BODC

Profiles detected by the objective analysis: 0

### Status of corrections:

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

### Example of corrections:

### 3. DAC CSIO

Profiles detected by the objective analysis: 0

**Status of corrections:**

Example of corrections:

## 4. DAC CSIRO

Profiles detected by the objective analysis: 0

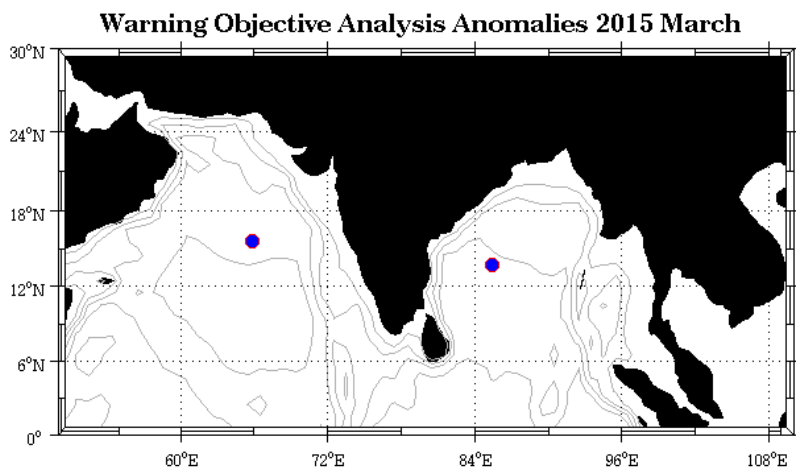
### Status of corrections:

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

### Example of corrections:

## 5. DAC INCOIS

Profiles detected by the objective analysis: 2



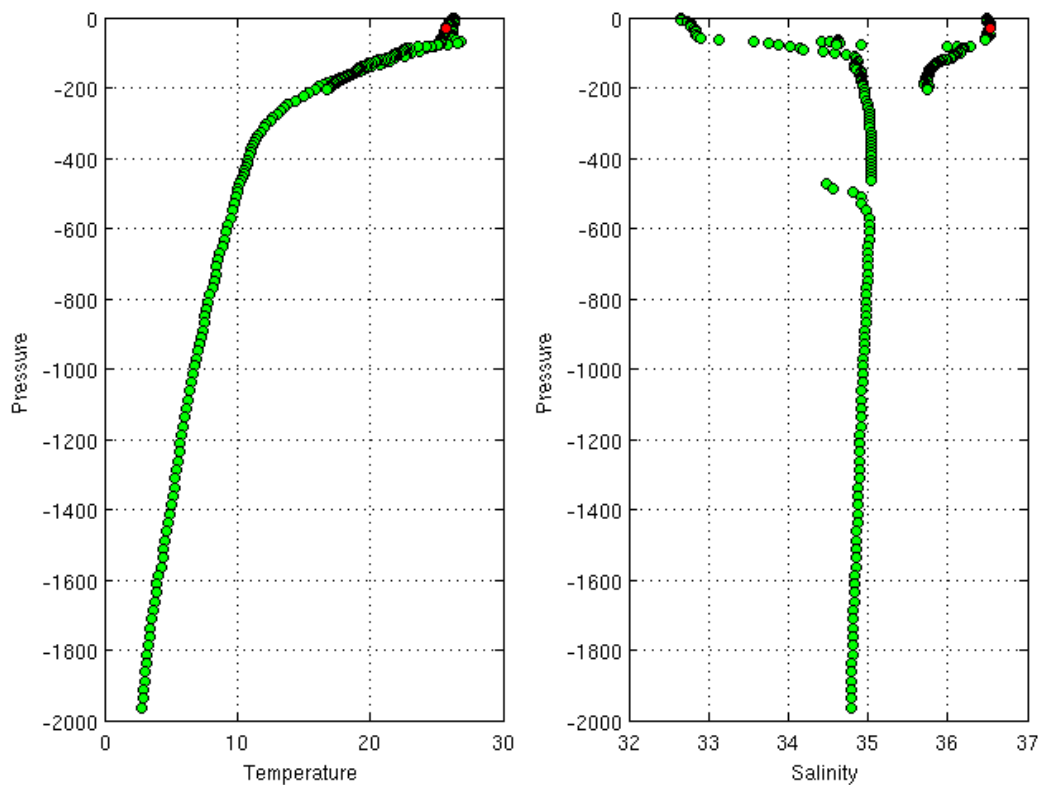
**Status of corrections: Done in database (correction has to be done at Coriolis)**

**(Comment: Some (Provor/Arvor) are directly taken into account in the Coriolis process, such as decoding and quality control).**

Float : 2902086 - Cycle : 170 - PI : M Ravichandran - Data mode : A - Platform type : PROVOR - WMO inst type : 841 - FLOAT SERIAL : OIN 12\_IND-FLBB- - Date : 2015 2 16

Float : 2902175 - Cycle : 42 - PI : M Ravichandran - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7123 - Date : 2015 2 24

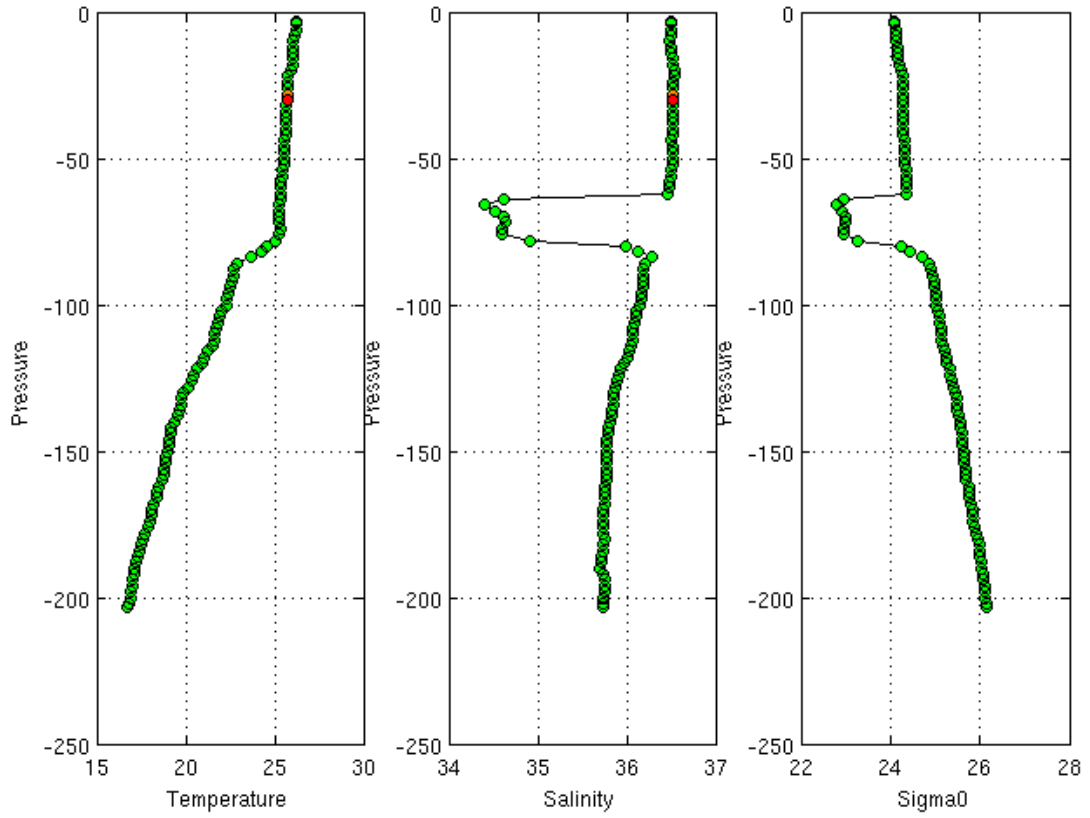
**Warning Objective Analysis Anomalies 2015 March TEMP PSAL - DAC IN**



DAC\_CODE,PLATFORM\_CODE,CV\_NUMBER,DATE\_UPDATE,DIRECTION,WEB\_URL,PARAMETER,START\_IMMERSION,STOP\_IMMERSION,OLD\_QC,NEW\_QC  
IN,2902175,42,09/03/2015 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=37527027 ,PSAL,70,70,1,4  
IN,2902175,42,09/03/2015 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=37527027 ,PSAL,78,82,1,4  
IN,2902086,170,22/03/2015 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=35973181 ,PSAL,530.1,484.8,1,4

Example of corrections:

**Warning Objective Analysis Anomalies 2015 March TEMP PSAL : DAC IN- Float 2902175-42**



## 6. DAC JMA/JAMSTEC

Profiles detected by the objective analysis: 0

### Status of corrections:

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

### Example of anomalies:

## 7. DAC KMA

Profiles detected by the objective analysis: 0

### Status of corrections:

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

### Example of anomalies:



## 8. DAC KORDI

Profiles detected by the objective analysis: 0

### Status of corrections:

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

### Example of anomalies:

## 9. DAC MEDS

Profiles detected by the objective analysis: 0

### Status of corrections:

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

### Example of anomalies:

## 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 :

1900167 - Existing nc files

File : 1900167\_meta.nc1900167\_prof.nc

1900168 - Existing nc files

File : 1900168\_meta.nc1900168\_prof.nc

1900189 - Existing nc files

File : 1900189\_Rtraj.nc1900189\_meta.nc1900189\_tech.nc

1900202 - Existing nc files

File : 1900202\_meta.nc

1900244 - Existing nc files

File : 1900244\_meta.nc1900244\_prof.nc

1900245 - Existing nc files

File : 1900245\_meta.nc1900245\_prof.nc

1900255 - Existing nc files

File : 1900255\_meta.nc1900255\_prof.nc

1900257 - Existing nc files

File : 1900257\_meta.nc1900257\_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.nc1900748\_meta.nc1900748\_tech.nc

1900751 - Existing nc files

File : 1900751\_Rtraj.nc1900751\_meta.nc1900751\_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.nc1900831\_meta.nc1900831\_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

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

File : 1901635\_meta.nc

1901636 - Existing nc files

File : 1901636\_meta.nc

1901648 - Existing nc files

File : 1901648\_meta.nc

1901658 - Existing nc files

File : 1901658\_meta.nc

1901662 - Existing nc files

File : 1901662\_meta.nc

1901699 - Existing nc files

File : 1901699\_meta.nc

1901707 - Existing nc files

File : 1901707\_meta.nc

2900386 - Existing nc files

File : 2900386\_meta.nc

2900390 - Existing nc files

File : 2900390\_meta.nc

2900796 - Existing nc files

File : 2900796\_meta.nc

2900798 - Existing nc files

File : 2900798\_meta.nc

2900824 - Existing nc files

File : 2900824\_meta.nc

2901103 - Existing nc files

File : 2901103\_meta.nc

2901106 - Existing nc files

File : 2901106\_Rtraj.nc2901106\_meta.nc2901106\_tech.nc

2901110 - Existing nc files

File : 2901110\_meta.nc

2901114 - Existing nc files

File : 2901114\_meta.nc

2901360 - Existing nc files

File : 2901360\_meta.nc

2901378 - Existing nc files

File : 2901378\_meta.nc

2901383 - Existing nc files

File : 2901383\_meta.nc

2901393 - Existing nc files

File : 2901393\_meta.nc

2901395 - Existing nc files

File : 2901395\_meta.nc

2901396 - Existing nc files

File : 2901396\_meta.nc

2901397 - Existing nc files

File : 2901397\_meta.nc

2901400 - Existing nc files

File : 2901400\_meta.nc

2901401 - Existing nc files

File : 2901401\_meta.nc

2901404 - Existing nc files

File : 2901404\_meta.nc

2901405 - Existing nc files

File : 2901405\_meta.nc

2901442 - Existing nc files

File : 2901442\_meta.nc

3900148 - Existing nc files

File : 3900148\_meta.nc3900148\_prof.nc

3900160 - Existing nc files

File : 3900160\_Rtraj.nc3900160\_meta.nc3900160\_tech.nc

3900260 - Existing nc files

File : 3900260\_meta.nc

3900416 - Existing nc files

File : 3900416\_meta.nc

3900454 - Existing nc files

File : 3900454\_meta.nc

3900612 - Existing nc files

File : 3900612\_meta.nc

3900709 - Existing nc files

File : 3900709\_meta.nc

3900731 - Existing nc files

File : 3900731\_meta.nc

3900744 - Existing nc files

File : 3900744\_meta.nc

3900761 - Existing nc files

File : 3900761\_meta.nc

3901054 - Existing nc files

File : 3901054\_meta.nc

3901058 - Existing nc files

File : 3901058\_meta.nc

3901061 - Existing nc files

File : 3901061\_meta.nc

3901062 - Existing nc files

File : 3901062\_meta.nc

3901143 - Existing nc files

File : 3901143\_meta.nc

3901145 - Existing nc files

File : 3901145\_meta.nc

3901210 - Existing nc files

File : 3901210\_meta.nc

39029 - Existing nc files

File : 39029\_Rtraj.nc39029\_meta.nc39029\_tech.nc

39050 - Existing nc files

File : 39050\_meta.nc

41534 - Existing nc files

File : 41534\_Rtraj.nc41534\_meta.nc41534\_tech.nc

4900228 - Existing nc files

File : 4900228\_meta.nc4900228\_prof.nc

4900229 - Existing nc files

File : 4900229\_meta.nc4900229\_prof.nc

4900230 - Existing nc files

File : 4900230\_meta.nc4900230\_prof.nc

4900268 - Existing nc files

File : 4900268\_meta.nc4900268\_prof.nc

4900269 - Existing nc files

File : 4900269\_meta.nc4900269\_prof.nc

4900270 - Existing nc files

File : 4900270\_meta.nc4900270\_prof.nc

4900271 - Existing nc files

File : 4900271\_meta.nc4900271\_prof.nc

4900272 - Existing nc files

File : 4900272\_meta.nc4900272\_prof.nc

4900273 - Existing nc files

File : 4900273\_meta.nc4900273\_prof.nc

4900287 - Existing nc files

File : 4900287\_Rtraj.nc4900287\_meta.nc4900287\_tech.nc

4900358 - Existing nc files

File : 4900358\_meta.nc4900358\_prof.nc

4900361 - Existing nc files

File : 4900361\_meta.nc4900361\_prof.nc

4900366 - Existing nc files

File : 4900366\_meta.nc4900366\_prof.nc

4900367 - Existing nc files

File : 4900367\_meta.nc4900367\_prof.nc

4900368 - Existing nc files

File : 4900368\_meta.nc

4900382 - Existing nc files

File : 4900382\_meta.nc4900382\_prof.nc

4900383 - Existing nc files

File : 4900383\_meta.nc4900383\_prof.nc

4900385 - Existing nc files

File : 4900385\_meta.nc4900385\_prof.nc

4900426 - Existing nc files

File : 4900426\_meta.nc4900426\_prof.nc

4900427 - Existing nc files

File : 4900427\_meta.nc4900427\_prof.nc

4900428 - Existing nc files

File : 4900428\_meta.nc4900428\_prof.nc

4900433 - Existing nc files

File : 4900433\_meta.nc

4900550 - Existing nc files

File : 4900550\_Rtraj.nc4900550\_meta.nc4900550\_tech.nc

4900576 - Existing nc files

File : 4900576\_meta.nc

4900583 - Existing nc files

File : 4900583\_Rtraj.nc4900583\_meta.nc4900583\_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.nc4900779\_meta.nc4900779\_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.nc4901485\_meta.nc4901485\_tech.nc

4901537 - Existing nc files

File : 4901537\_Rtraj.nc4901537\_meta.nc4901537\_tech.nc

4901560 - Existing nc files

File : 4901560\_Rtraj.nc4901560\_meta.nc4901560\_tech.nc

4901575 - Existing nc files

File : 4901575\_Rtraj.nc4901575\_meta.nc4901575\_tech.nc

4901577 - Existing nc files

File : 4901577\_Rtraj.nc4901577\_meta.nc4901577\_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

4902076 - Existing nc files

File : 4902076\_Rtraj.nc4902076\_meta.nc4902076\_tech.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.nc5900253\_meta.nc5900253\_tech.nc

5900637 - Existing nc files

File : 5900637\_Rtraj.nc5900637\_meta.nc5900637\_tech.nc

5900765 - Existing nc files

File : 5900765\_Rtraj.nc5900765\_meta.nc5900765\_tech.nc

5900936 - Existing nc files

File : 5900936\_meta.nc

5901006 - Existing nc files

File : 5901006\_Rtraj.nc5901006\_meta.nc5901006\_tech.nc

5901082 - Existing nc files

File : 5901082\_Rtraj.nc5901082\_meta.nc5901082\_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.nc5901732\_meta.nc5901732\_tech.nc

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

5902341 - Existing nc files  
File : 5902341\_meta.nc

5902342 - Existing nc files  
File : 5902342\_meta.nc

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

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

5903442 - Existing nc files  
File : 5903442\_Rtraj.nc5903442\_meta.nc5903442\_tech.nc

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

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

5904006 - Existing nc files  
File : 5904006\_Rtraj.nc5904006\_meta.nc5904006\_prof.nc

5904014 - Existing nc files  
File : 5904014\_Rtraj.nc5904014\_meta.nc5904014\_tech.nc

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

5904097 - Existing nc files  
File : 5904097\_Rtraj.nc5904097\_meta.nc5904097\_tech.nc

5904282 - Existing nc files  
File : 5904282\_Rtraj.nc5904282\_meta.nc5904282\_tech.nc

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

5904318 - Existing nc files  
File : 5904318\_meta.nc5904318\_prof.nc

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

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

5904475 - Existing nc files  
File : 5904475\_meta.nc5904475\_prof.nc

5904479 - Existing nc files  
File : 5904479\_meta.nc5904479\_prof.nc

59047 - Existing nc files  
File : 59047\_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

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 :**

**3900844 (cycle 243 for instance) - QC missing (blank should be replaced by 9)**

PRES\_QC =  
"111141111111111111111111111111114411111111444111111 411111111";  
PRES\_ADJUSTED\_QC =  
"111141111111111111111111111111114411111111444111111 411111111";  
TEMP\_QC =  
"1111111111111111441111111111111111111111111444444111 111111111";  
TEMP\_ADJUSTED\_QC =  
"1111111111111111441111111111111111111111111444444111 111111111";



```

PSAL_QC =
"114441111111111144111111111111114441111111444111111" 4111111111";
PSAL_ADJUSTED_QC =
"114441111111111144111111111111114441111111444111111" 4111111111";

```

**aoml - R5904488\_210.nc - A profile date-time is not defined, location not defined but right QC on those parameters**

```

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**

```

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 :**

1900088 - Existing nc files File : 1900088_meta.nc	File : 1901312_meta.nc1901312_prof.nc1901312_tech.nc
1900093 - Existing nc files File : 1900093_meta.nc	1901845 - Existing nc files File : 1901845_meta.nc1901845_prof.nc1901845_tech.nc
1900176 - Existing nc files File : 1900176_meta.nc1900176_prof.nc1900176_tech.nc	1901846 - Existing nc files File : 1901846_meta.nc1901846_prof.nc1901846_tech.nc
1900371 - Existing nc files File : 1900371_meta.nc	1901847 - Existing nc files File : 1901847_meta.nc1901847_prof.nc1901847_tech.nc
1900936 - Existing nc files File : 1900936_meta.nc	1901848 - Existing nc files File : 1901848_meta.nc1901848_prof.nc1901848_tech.nc
1901059 - Existing nc files File : 1901059_meta.nc	1901849 - Existing nc files File : 1901849_meta.nc1901849_prof.nc1901849_tech.nc
1901229 - Existing nc files File : 1901229_meta.nc	1901850 - Existing nc files File : 1901850_meta.nc1901850_prof.nc1901850_tech.nc
1901249 - Existing nc files File : 1901249_meta.nc	1901851 - Existing nc files File : 1901851_meta.nc1901851_prof.nc1901851_tech.nc
1901312 - Existing nc files	1901852 - Existing nc files File : 1901852_meta.nc1901852_prof.nc1901852_tech.nc

1901853 - Existing nc files  
File : 1901853\_meta.nc1901853\_prof.nc1901853\_tech.nc

1901854 - Existing nc files  
File : 1901854\_meta.nc1901854\_prof.nc1901854\_tech.nc

1901855 - Existing nc files  
File : 1901855\_meta.nc1901855\_prof.nc1901855\_tech.nc

1901856 - Existing nc files  
File : 1901856\_meta.nc1901856\_prof.nc1901856\_tech.nc

1901857 - Existing nc files  
File : 1901857\_meta.nc1901857\_prof.nc1901857\_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.nc3900538\_prof.nc3900538\_tech.nc

3900559 - Existing nc files  
File : 3900559\_meta.nc3900559\_prof.nc3900559\_tech.nc

3900560 - Existing nc files  
File : 3900560\_meta.nc3900560\_prof.nc3900560\_tech.nc

3901488 - Existing nc files  
File : 3901488\_meta.nc3901488\_prof.nc3901488\_tech.nc

3901489 - Existing nc files  
File : 3901489\_meta.nc3901489\_prof.nc3901489\_tech.nc

3901490 - Existing nc files  
File : 3901490\_meta.nc3901490\_prof.nc3901490\_tech.nc

3901491 - Existing nc files  
File : 3901491\_meta.nc3901491\_prof.nc3901491\_tech.nc

3901492 - Existing nc files  
File : 3901492\_meta.nc3901492\_prof.nc3901492\_tech.nc

3901493 - Existing nc files  
File : 3901493\_meta.nc3901493\_prof.nc3901493\_tech.nc

3901494 - Existing nc files  
File : 3901494\_meta.nc3901494\_prof.nc3901494\_tech.nc

3901495 - Existing nc files  
File : 3901495\_meta.nc3901495\_prof.nc3901495\_tech.nc

3901500 - Existing nc files  
File : 3901500\_meta.nc3901500\_prof.nc3901500\_tech.nc

3901501 - Existing nc files  
File : 3901501\_meta.nc3901501\_prof.nc3901501\_tech.nc

3901502 - Existing nc files  
File : 3901502\_meta.nc3901502\_prof.nc3901502\_tech.nc

3901503 - Existing nc files  
File : 3901503\_meta.nc3901503\_prof.nc3901503\_tech.nc

3901504 - Existing nc files  
File : 3901504\_meta.nc3901504\_prof.nc3901504\_tech.nc

3901505 - Existing nc files  
File : 3901505\_meta.nc3901505\_prof.nc3901505\_tech.nc

3901506 - Existing nc files  
File : 3901506\_meta.nc3901506\_prof.nc3901506\_tech.nc

3901507 - Existing nc files  
File : 3901507\_meta.nc3901507\_prof.nc3901507\_tech.nc

3901511 - Existing nc files  
File : 3901511\_meta.nc3901511\_prof.nc3901511\_tech.nc

3901512 - Existing nc files  
File : 3901512\_meta.nc3901512\_prof.nc3901512\_tech.nc

49065 - Existing nc files  
File : 49065\_meta.nc49065\_prof.nc49065\_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.nc6901153\_prof.nc6901153\_tech.nc

6901155 - Existing nc files  
File : 6901155\_meta.nc6901155\_prof.nc6901155\_tech.nc

6901156 - Existing nc files  
File : 6901156\_meta.nc6901156\_prof.nc6901156\_tech.nc

6901160 - Existing nc files

File : 6901160\_meta.nc6901160\_tech.nc

6901161 - Existing nc files

File : 6901161\_meta.nc6901161\_tech.nc

6901162 - Existing nc files

File : 6901162\_meta.nc6901162\_prof.nc6901162\_tech.nc

6901163 - Existing nc files

File : 6901163\_meta.nc6901163\_prof.nc6901163\_tech.nc

6901164 - Existing nc files

File : 6901164\_meta.nc6901164\_prof.nc6901164\_tech.nc

6901165 - Existing nc files

File : 6901165\_meta.nc6901165\_prof.nc6901165\_tech.nc

6901166 - Existing nc files

File : 6901166\_meta.nc6901166\_prof.nc6901166\_tech.nc

6901168 - Existing nc files

File : 6901168\_meta.nc6901168\_prof.nc6901168\_tech.nc

6901169 - Existing nc files

File : 6901169\_meta.nc6901169\_prof.nc6901169\_tech.nc

6901170 - Existing nc files

File : 6901170\_meta.nc6901170\_prof.nc6901170\_tech.nc

6901171 - Existing nc files

File : 6901171\_meta.nc6901171\_prof.nc6901171\_tech.nc

6901172 - Existing nc files

File : 6901172\_meta.nc6901172\_prof.nc6901172\_tech.nc

6901173 - Existing nc files

File : 6901173\_meta.nc6901173\_prof.nc6901173\_tech.nc

### 11.3. 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 :**

2901195 - Existing nc files

File : 2901195\_meta.nc

2901498 - Existing nc files

File : 2901498\_Rtraj.nc2901498\_meta.nc2901498\_tech.nc

2901505 - Existing nc files

File : 2901505\_Rtraj.nc2901505\_meta.nc2901505\_tech.nc

5900319 - Existing nc files

File : 5900319\_meta.nc

5900320 - Existing nc files

File : 5900320\_meta.nc

### 11.4. 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 :**

1901122 - Existing nc files

File : 1901122\_meta.nc

1901144 - Existing nc files File : 1901144_meta.nc1901144_tech.nc	2901853 - Existing nc files File : 2901853_meta.nc2901853_prof.nc2901853_tech.nc
1901326 - Existing nc files File : 1901326_meta.nc	2901854 - Existing nc files File : 2901854_meta.nc2901854_prof.nc2901854_tech.nc
1901328 - Existing nc files File : 1901328_meta.nc	2901855 - Existing nc files File : 2901855_meta.nc2901855_prof.nc2901855_tech.nc
1901331 - Existing nc files File : 1901331_meta.nc1901331_prof.nc1901331_tech.nc	2901856 - Existing nc files File : 2901856_meta.nc2901856_prof.nc2901856_tech.nc
1901332 - Existing nc files File : 1901332_meta.nc1901332_prof.nc1901332_tech.nc	2901857 - Existing nc files File : 2901857_meta.nc2901857_prof.nc2901857_tech.nc
1901333 - Existing nc files File : 1901333_meta.nc1901333_prof.nc1901333_tech.nc	2901859 - Existing nc files File : 2901859_meta.nc2901859_prof.nc2901859_tech.nc
1901334 - Existing nc files File : 1901334_meta.nc1901334_prof.nc1901334_tech.nc	2901860 - Existing nc files File : 2901860_meta.nc2901860_prof.nc2901860_tech.nc
1901335 - Existing nc files File : 1901335_meta.nc1901335_prof.nc1901335_tech.nc	3901467 - Existing nc files File : 3901467_meta.nc3901467_prof.nc3901467_tech.nc
1901336 - Existing nc files File : 1901336_meta.nc1901336_prof.nc1901336_tech.nc	5900333 - Existing nc files File : 5900333_meta.nc
1901337 - Existing nc files File : 1901337_meta.nc1901337_prof.nc1901337_tech.nc	5900851 - Existing nc files File : 5900851_meta.nc
1901338 - Existing nc files File : 1901338_meta.nc1901338_prof.nc1901338_tech.nc	5900864 - Existing nc files File : 5900864_meta.nc
1901339 - Existing nc files File : 1901339_meta.nc1901339_prof.nc1901339_tech.nc	5901136 - Existing nc files File : 5901136_meta.nc
1901340 - Existing nc files File : 1901340_meta.nc1901340_prof.nc1901340_tech.nc	5901146 - Existing nc files File : 5901146_meta.nc
1901341 - Existing nc files File : 1901341_meta.nc1901341_prof.nc1901341_tech.nc	5903680 - Existing nc files File : 5903680_meta.nc
1901342 - Existing nc files File : 1901342_meta.nc1901342_prof.nc1901342_tech.nc	5903684 - Existing nc files File : 5903684_meta.nc
1901343 - Existing nc files File : 1901343_meta.nc1901343_prof.nc1901343_tech.nc	5903946 - Existing nc files File : 5903946_meta.nc
1901344 - Existing nc files File : 1901344_meta.nc1901344_prof.nc1901344_tech.nc	5904221 - Existing nc files File : 5904221_meta.nc5904221_prof.nc5904221_tech.nc
1901345 - Existing nc files File : 1901345_meta.nc1901345_prof.nc1901345_tech.nc	5904224 - Existing nc files File : 5904224_meta.nc5904224_prof.nc5904224_tech.nc
1901346 - Existing nc files File : 1901346_meta.nc1901346_prof.nc1901346_tech.nc	5904226 - Existing nc files File : 5904226_meta.nc5904226_prof.nc5904226_tech.nc
2901852 - Existing nc files File : 2901852_meta.nc2901852_prof.nc2901852_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.nc5904263\_prof.nc5904263\_tech.nc

5904264 - Existing nc files

File : 5904264\_meta.nc5904264\_prof.nc5904264\_tech.nc

5904265 - Existing nc files

File : 5904265\_meta.nc5904265\_prof.nc5904265\_tech.nc

5904266 - Existing nc files

File : 5904266\_meta.nc5904266\_prof.nc5904266\_tech.nc

5904267 - Existing nc files

File : 5904267\_meta.nc5904267\_prof.nc5904267\_tech.nc

5904881 - Existing nc files

File : 5904881\_meta.nc5904881\_prof.nc5904881\_tech.nc

5904882 - Existing nc files

File : 5904882\_meta.nc5904882\_prof.nc5904882\_tech.nc

5904883 - Existing nc files

File : 5904883\_meta.nc5904883\_prof.nc5904883\_tech.nc

5904884 - Existing nc files

File : 5904884\_meta.nc5904884\_prof.nc5904884\_tech.nc

5904885 - Existing nc files

File : 5904885\_meta.nc5904885\_prof.nc5904885\_tech.nc

5904886 - Existing nc files

File : 5904886\_meta.nc5904886\_prof.nc5904886\_tech.nc

5904887 - Existing nc files

File : 5904887\_meta.nc5904887\_prof.nc5904887\_tech.nc

5904888 - Existing nc files

File : 5904888\_meta.nc5904888\_prof.nc5904888\_tech.nc

5904889 - Existing nc files

File : 5904889\_meta.nc5904889\_prof.nc5904889\_tech.nc

5904890 - Existing nc files

File : 5904890\_meta.nc5904890\_prof.nc5904890\_tech.nc

5904891 - Existing nc files

File : 5904891\_meta.nc5904891\_prof.nc5904891\_tech.nc

5904892 - Existing nc files

File : 5904892\_meta.nc5904892\_prof.nc5904892\_tech.nc

5904893 - Existing nc files

File : 5904893\_meta.nc5904893\_prof.nc5904893\_tech.nc

5904894 - Existing nc files

File : 5904894\_meta.nc5904894\_prof.nc5904894\_tech.nc

5904895 - Existing nc files

File : 5904895\_meta.nc5904895\_prof.nc5904895\_tech.nc

5904896 - Existing nc files

File : 5904896\_meta.nc5904896\_prof.nc5904896\_tech.nc

5904897 - Existing nc files

File : 5904897\_meta.nc5904897\_prof.nc5904897\_tech.nc

5904898 - Existing nc files

File : 5904898\_meta.nc5904898\_prof.nc5904898\_tech.nc

5904899 - Existing nc files

File : 5904899\_meta.nc5904899\_prof.nc5904899\_tech.nc

5904900 - Existing nc files

File : 5904900\_meta.nc5904900\_prof.nc5904900\_tech.nc

5904901 - Existing nc files

File : 5904901\_meta.nc5904901\_prof.nc5904901\_tech.nc

5904902 - Existing nc files

File : 5904902\_meta.nc5904902\_prof.nc5904902\_tech.nc

5904903 - Existing nc files

File : 5904903\_meta.nc5904903\_prof.nc5904903\_tech.nc

5904904 - Existing nc files

File : 5904904\_meta.nc5904904\_prof.nc5904904\_tech.nc

5904905 - Existing nc files

File : 5904905\_meta.nc5904905\_prof.nc5904905\_tech.nc

5904906 - Existing nc files

File : 5904906\_meta.nc

5904907 - Existing nc files

File : 5904907\_meta.nc5904907\_prof.nc5904907\_tech.nc

5904908 - Existing nc files

File : 5904908\_meta.nc5904908\_prof.nc5904908\_tech.nc

5904910 - Existing nc files

File : 5904910\_meta.nc

5904911 - Existing nc files

File : 5904911\_meta.nc5904911\_prof.nc5904911\_tech.nc

5904912 - Existing nc files

File : 5904912\_meta.nc5904912\_prof.nc5904912\_tech.nc

5904913 - Existing nc files

File : 5904913\_meta.nc5904913\_prof.nc5904913\_tech.nc

5904914 - Existing nc files

File : 5904914\_meta.nc5904914\_prof.nc5904914\_tech.nc

5904915 - Existing nc files  
File : 5904915\_meta.nc5904915\_prof.nc5904915\_tech.nc

5904916 - Existing nc files  
File : 5904916\_meta.nc5904916\_prof.nc5904916\_tech.nc

5904917 - Existing nc files  
File : 5904917\_meta.nc5904917\_prof.nc5904917\_tech.nc

5904918 - Existing nc files  
File : 5904918\_meta.nc

5904919 - Existing nc files  
File : 5904919\_meta.nc5904919\_prof.nc5904919\_tech.nc

5904920 - Existing nc files  
File : 5904920\_meta.nc5904920\_prof.nc5904920\_tech.nc

5904921 - Existing nc files  
File : 5904921\_meta.nc5904921\_prof.nc5904921\_tech.nc

7900390 - Existing nc files  
File : 7900390\_meta.nc7900390\_prof.nc7900390\_tech.nc

7900391 - Existing nc files  
File : 7900391\_meta.nc7900391\_prof.nc7900391\_tech.nc

7900392 - Existing nc files  
File : 7900392\_meta.nc7900392\_prof.nc7900392\_tech.nc

7900393 - Existing nc files  
File : 7900393\_meta.nc7900393\_prof.nc7900393\_tech.nc

7900394 - Existing nc files

File : 7900394\_meta.nc7900394\_prof.nc7900394\_tech.nc

7900395 - Existing nc files  
File : 7900395\_meta.nc7900395\_prof.nc7900395\_tech.nc

7900396 - Existing nc files  
File : 7900396\_meta.nc7900396\_prof.nc7900396\_tech.nc

7900397 - Existing nc files  
File : 7900397\_meta.nc7900397\_prof.nc7900397\_tech.nc

7900398 - Existing nc files  
File : 7900398\_meta.nc7900398\_prof.nc7900398\_tech.nc

7900602 - Existing nc files  
File : 7900602\_meta.nc7900602\_prof.nc7900602\_tech.nc

7900603 - Existing nc files  
File : 7900603\_meta.nc7900603\_prof.nc7900603\_tech.nc

7900604 - Existing nc files  
File : 7900604\_meta.nc7900604\_prof.nc7900604\_tech.nc

7900605 - Existing nc files  
File : 7900605\_meta.nc7900605\_prof.nc7900605\_tech.nc

7900606 - Existing nc files  
File : 7900606\_meta.nc7900606\_prof.nc7900606\_tech.nc

7900607 - Existing nc files  
File : 7900607\_meta.nc7900607\_prof.nc7900607\_tech.nc

7900608 - Existing nc files  
File : 7900608\_meta.nc7900608\_prof.nc7900608\_tech.nc

## 11.5. 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 :

2900268 - Existing nc files  
File : 2900268\_Rtraj.nc2900268\_meta.nc2900268\_prof.nc

2900275 - Existing nc files  
File : 2900275\_Rtraj.nc2900275\_meta.nc2900275\_prof.nc

2900763 - Existing nc files  
File : 2900763\_Rtraj.nc2900763\_meta.nc

2900772 - Existing nc files  
File : 2900772\_Rtraj.nc2900772\_meta.nc

2900775 - Existing nc files  
File : 2900775\_Rtraj.nc2900775\_meta.nc

2901295 - Existing nc files  
File : 2901295\_meta.nc2901295\_tech.nc

2901352 - Existing nc files  
File : 2901352\_meta.nc2901352\_tech.nc

2902104 - Existing nc files

File : 2902104\_meta.nc  
 2902126 - Existing nc files  
 File : 2902126\_Rtraj.nc2902126\_meta.nc2902126\_tech.nc  
 2902144 - Existing nc files  
 File : 2902144\_meta.nc  
 2902145 - Existing nc files  
 File : 2902145\_meta.nc  
 2902156 - Existing nc files  
 File : 2902156\_meta.nc2902156\_prof.nc2902156\_tech.nc  
 2902158 - Existing nc files  
 File : 2902158\_meta.nc2902158\_prof.nc2902158\_tech.nc  
 2902160 - Existing nc files  
 File : 2902160\_meta.nc2902160\_prof.nc2902160\_tech.nc  
 2902161 - Existing nc files  
 File : 2902161\_meta.nc2902161\_prof.nc2902161\_tech.nc  
 2902174 - Existing nc files  
 File : 2902174\_meta.nc2902174\_prof.nc2902174\_tech.nc  
 2902175 - Existing nc files  
 File : 2902175\_meta.nc2902175\_prof.nc2902175\_tech.nc  
 2902176 - Existing nc files  
 File : 2902176\_meta.nc  
 7654321 - Existing nc files  
 File : 7654321\_meta.nc7654321\_prof.nc

## 11.6. JMA

### Feedback sent by Wataru.

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 monoprofile, no trajectory)

See below the list of floats with existing nc files :

2900748 - Existing nc files  
 File : 2900748\_meta.nc2900748\_tech.nc  
 2900923 - Existing nc files  
 File : 2900923\_meta.nc2900923\_prof.nc2900923\_tech.nc  
 2900924 - Existing nc files  
 File : 2900924\_meta.nc2900924\_prof.nc2900924\_tech.nc  
 2900925 - Existing nc files  
 File : 2900925\_meta.nc2900925\_prof.nc2900925\_tech.nc  
 2900961 - Existing nc files  
 File : 2900961\_meta.nc2900961\_prof.nc2900961\_tech.nc  
 2900962 - Existing nc files  
 File : 2900962\_meta.nc2900962\_prof.nc2900962\_tech.nc  
 2901030 - Existing nc files  
 File : 2901030\_meta.nc  
 2901068 - Existing nc files  
 File : 2901068\_meta.nc2901068\_tech.nc

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

2901998 - Existing nc files  
File : 2901998\_meta.nc2901998\_prof.nc

2902455 - Existing nc files  
File : 2902455\_Rtraj.nc2902455\_meta.nc2902455\_tech.nc

2902469 - Existing nc files  
File : 2902469\_Rtraj.nc2902469\_meta.nc2902469\_tech.nc

2902508 - Existing nc files  
File : 2902508\_meta.nc2902508\_prof.nc

2902509 - Existing nc files  
File : 2902509\_meta.nc2902509\_prof.nc

2902510 - Existing nc files  
File : 2902510\_meta.nc2902510\_prof.nc

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

3900854 - Existing nc files  
File : 3900854\_meta.nc3900854\_prof.nc3900854\_tech.nc

4900293 - Existing nc files  
File : 4900293\_Rtraj.nc4900293\_meta.nc4900293\_tech.nc

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

5900277 - Existing nc files  
File : 5900277\_Rtraj.nc5900277\_meta.nc5900277\_tech.nc

5901582 - Existing nc files

File : 5901582\_meta.nc5901582\_prof.nc5901582\_tech.nc

5904937 - Existing nc files  
File : 5904937\_meta.nc5904937\_prof.nc

7900599 - Existing nc files  
File : 7900599\_meta.nc7900599\_prof.nc

7900600 - Existing nc files  
File : 7900600\_meta.nc7900600\_prof.nc

7900601 - Existing nc files  
File : 7900601\_meta.nc

7900652 - Existing nc files  
File : 7900652\_meta.nc7900652\_prof.nc

7900653 - Existing nc files  
File : 7900653\_meta.nc7900653\_prof.nc

7900654 - Existing nc files  
File : 7900654\_meta.nc7900654\_prof.nc

7900655 - Existing nc files  
File : 7900655\_meta.nc7900655\_prof.nc

7900656 - Existing nc files  
File : 7900656\_meta.nc

7900657 - Existing nc files  
File : 7900657\_meta.nc7900657\_prof.nc

7900658 - Existing nc files  
File : 7900658\_meta.nc7900658\_prof.nc

7900660 - Existing nc files  
File : 7900660\_meta.nc7900660\_prof.nc

## 11.7. 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 monoprofile, no trajectory, no tech file)

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

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.nc2901213\_meta.nc2901213\_prof.nc

2901705 - Existing nc files  
File : 2901705\_Rtraj.nc2901705\_meta.nc2901705\_tech.nc

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

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



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

File : 5900141\_meta.nc

5900141 - Existing nc files

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

## 11.8. 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 :**

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

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

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

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

**Files in real time :**

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

## 11.9. MEDS

**For some floats :**

- traj.nc is missing (meta.nc, traj.nc and prof.nc files existing)
- only meta file (no monoprofile)

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

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

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

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

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

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

4901762 - Existing nc files  
File : 4901762\_meta.nc 4901762\_prof.nc 4901762\_tech.nc

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

4901768 - Existing nc files  
File : 4901768\_meta.nc 4901768\_prof.nc 4901768\_tech.nc

## 12. Delayed Mode anomalies (adjusted fields)

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

## 12.1. AOML

## 12.2. BODC – problem n°1

**ADJUSTED pressure exists (except error) but not the others parameters (still in progress)**

*Ifremer. : The old files (before 2013) are not updated.*

*Justin B. : 09/18/2013 That will happen either when we resubmit data when we do new formats work or when the floats are processed in delayed mode (both are on-going).*

R1900677\_215, R1900677\_224, R1900679\_207, R1900679\_206, R6900656\_094,...

And all files in real time with adjusted parameters

**netcdf R1900677\_215 {**

DATE\_CREATION = "20120110210843" ;

DATE\_UPDATE = "20120110210843" ;

DATA\_MODE = "A" ;

PRES\_ADJUSTED = 4.5, 9.2, 14.3, 19.0, 23.9, 29.1, 33.9, 39.2, 48.9, 59.4, 69.3, 79.4, 89.2, 98.8, 108.8, 119.1, 128.7, 138.8, 149.1, 159.0, 169.2, 178.5, 188.6, 198.8, 219.3, 239.3, 259.1, 279.3, 299.2, 328.8, 358.7, 399.0, 449.3, 498.8, 549.1, 598.8, 649.1, 699.3, 749.1, 798.8, 849.1, 899.2, 948.4, 998.8, 1004.1 ;

PRES\_ADJUSTED\_ERROR = \_ \_ \_ \_ \_ ;

PSAL\_ADJUSTED = \_ \_ \_ \_ \_ ;

TEMP\_ADJUSTED = \_ \_ \_ \_ \_ ;

}

## BODC – problem n°2

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....."

## 12.3. CSIO

**Adjusted value in real time files ok but <param>\_adjusted\_ERROR still empty for PRES, TEMP and PSAL**

**netcdf R5901605\_246 {**

DATE\_CREATION = "20130422191738" ;

DATE\_UPDATE = "20140211124428" ;

DATA\_MODE = "A" ;

```

PSAL_ADJUSTED =
  34.765, 34.761, 34.858, 35.051, 35.070, 35.079, 35.081, 35.078, 35.071, 35.071, 35.062, 35.040, 35.009, 34.983,
  34.930, 34.904, 34.885, 34.858, 34.842, 34.823, 34.800, 34.782, 34.768, 34.759, 34.746, 34.735, 34.723, 34.716,
  34.700, 34.683, 34.654, 34.628, 34.603, 34.577, 34.559, 34.539, 34.501, 34.433, 34.369, 34.313, 34.268, 34.216,
  34.187, 34.164, 34.144, 34.139, 34.146, 34.162, 34.205, 34.242, 34.315, 34.356, 34.408, 34.428, 34.464, 34.480,
  34.492, 34.504, 34.524, 34.543, 34.555, 34.566, 34.574, 34.587, 34.599, 34.616, 34.633, 34.644, 34.653, 34.660;

```

```

PSAL_ADJUSTED_ERROR =
  _____
  _____;
PRES_ADJUSTED_ERROR =
  _____

TEMP_ADJUSTED_ERROR =
  _____

```

## 12.4. INCOIS

adjusted parameters with DATA\_MODE = 'A' and <PARAM>\_ADJUSTED\_ERROR empty

```

APEX - netcdf R4900670_051 {
DATE_CREATION = "20070208230218" ;
DATE_UPDATE = "20091029162137" ;
DATA_MODE = "A" ;
PRES_ADJUSTED_ERROR =
  _____;
TEMP_ADJUSTED_ERROR =
  _____;
PSAL_ADJUSTED_ERROR =
  _____;
PSAL_ADJUSTED =
  34.354, 34.353, 34.360, 34.360, 34.359, 34.356, 34.121, 34.144, 34.333, 34.411, 34.700, 34.644, .....
}

```

## 12.5. KMA

ADJUSTED pressure exists but not the others parameters, comments are empty

R2900171\_067, R2900171\_048, R7900236\_064, R7900249\_052,... and all adjusted real time files

```

netcdf R2900171_067 {
DATE_CREATION = "20030610085419" ;
DATE_UPDATE = "20100810073304" ;
DATA_MODE = "R" ;
PRES_ADJUSTED = 6.5, 16.4, 26.5, 36.5, 46.0, 56.3, 66.0, 76.0, 86.3, 96.4, 106.6, 116.2, 126.2, 136.1, 146.6, 156.4, 166.1, 176.3, 186.4,
196.2, 206.0, 215.9, 226.2, 236.0, 246.0, 256.5, 266.4, 275.9, 286.2, 296.2, 306.4, 316.2, 326.2, 336.3, 345.9, 356.1, 375.8, 395.8,
446.1, 496.0, 546.4, 596.2, 646.3, 695.6, 745.7 ;
TEMP_ADJUSTED = _____;
PSAL_ADJUSTED = _____;
}

```



# 13. Statistics

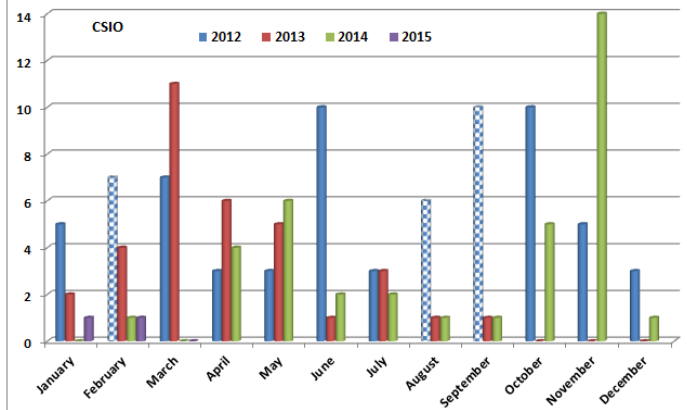
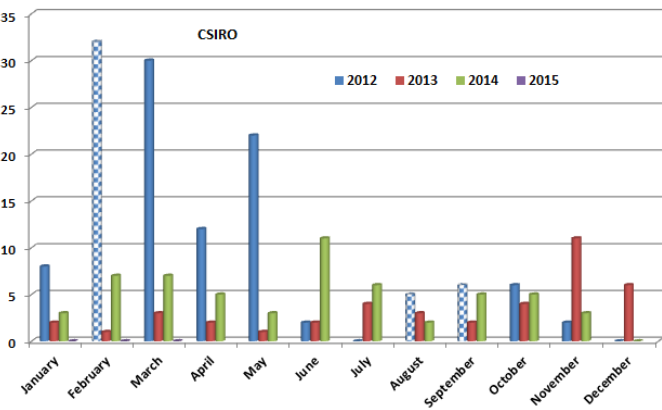
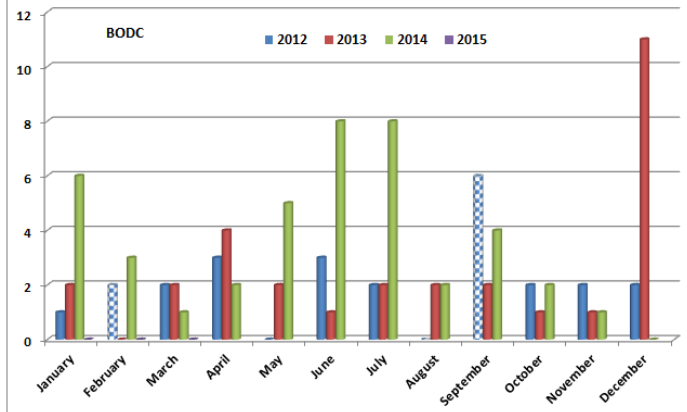
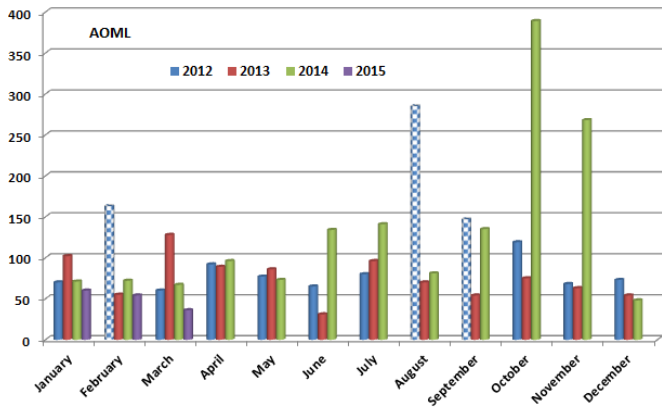
Plots showing evolution of number of anomalies by DAC.

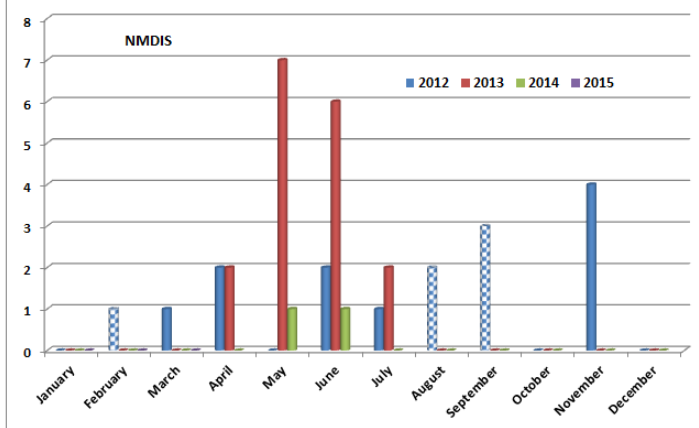
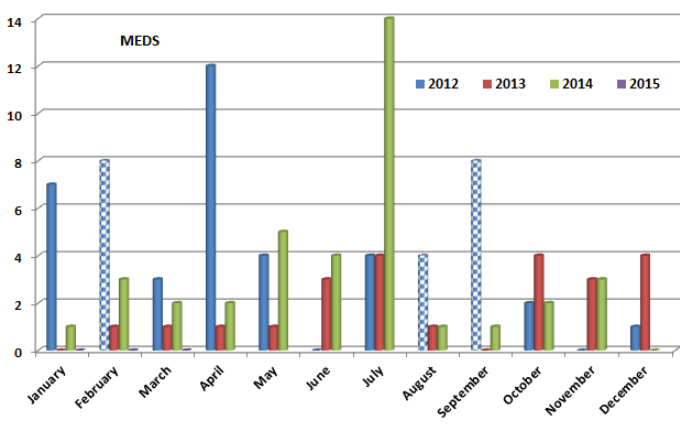
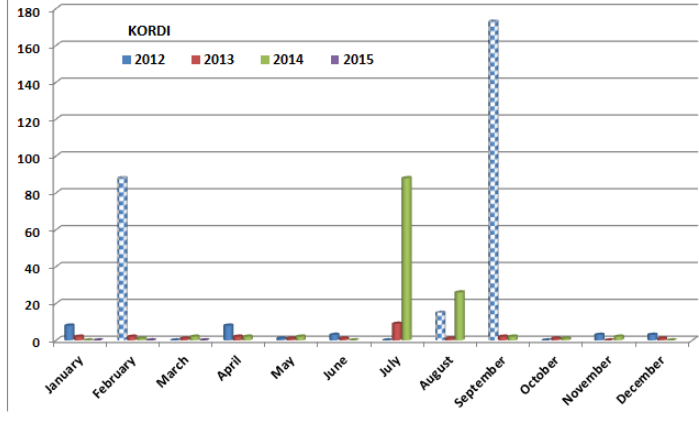
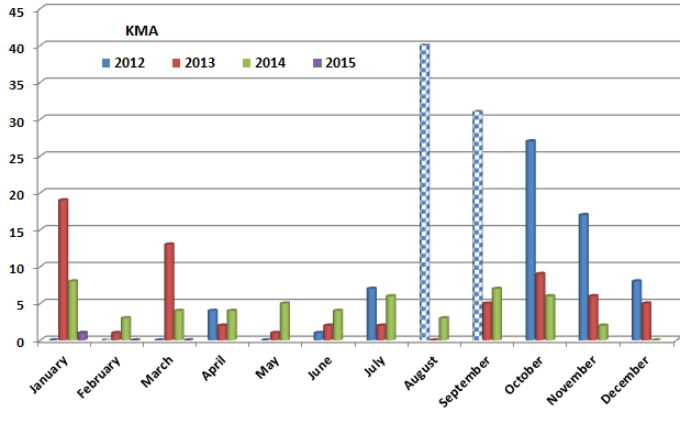
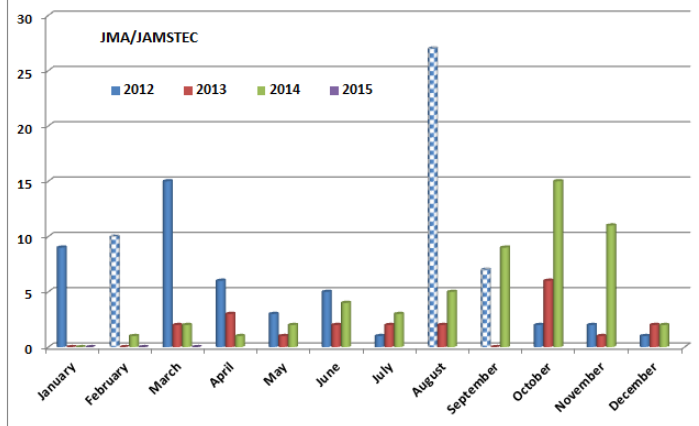
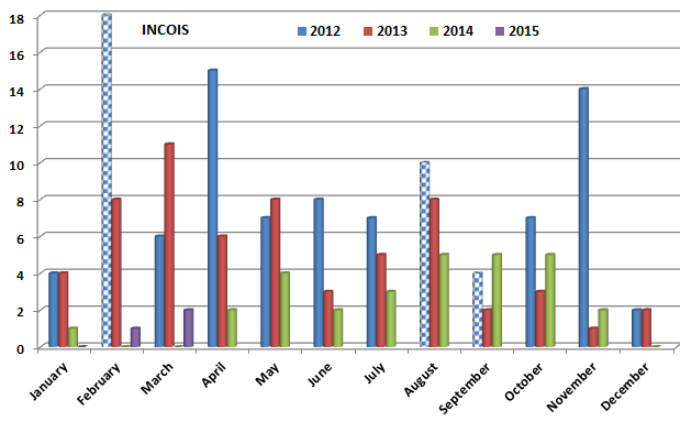
## 13.1. Year



Year 2015

## 13.2. DAC





### 13.3. Anomalies by year, by month

