



## GDAC Float Anomalies Monitoring

October 2021

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**Coriolis**



## NOTES

### NOVEMBER 2017

§- (From last week of October) New version for the message sent to each DAC operator, information can be found on the vertical sampling scheme (only the beginning of the text), for instance :

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

AO,3901276,8,26/10/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=54124442 ,PSAL,.96,.96,1,4,Primary sampling

AO,5904770,104,26/10/2017 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=54124471 ,PSAL,6.15,1997.6,1,3,n/a

### DECEMBER 2017

§ A bug has been found in the message for the pressure, when a QC is changed this is the index and not the real value that is recorded in the message for START and STOP Immersion. The correction will be applied very soon.

§ New information in chapter 13 Automatic tests : it seems that for the near-surface data, the automatic tests are not taken into account as described in the Argo Quality Control Manual for CTD and Trajectory Data (see §2.5 test 21 & test 22). Strange profiles are also observed and it seems that the cutting between profile and trajectory data is not well applied.

### January 2018

During few days in January, no information was available in the message regarding the parameters and QC then the message was like :

BO,3901951,11,08/01/2018 00:00:00,A,http://www.ifremer.fr/co-argoFloats/station?stationId=54612977 ,,,,,,Primary sampling

The problem has been resolved rapidly.

### May 2018

A little bit more anomalies due to analysis of blacklist sent by CLS.

### July 2018

More anomalies have been listed, due to the 'DM Analysis' checks for the CORA dataset. Consequently old profiles have been detected for corrections and some can be in data mode D. A new approach has also been implemented (Min/Max : method developed by Jérôme Gourrion) and is now running in the Coriolis exploitation for improving the quality control.

### March 2019

A new table has been added with a list of floats showing a suspected drift, observed in the month. (feedback from Delphine Dobler/Coriolis)

### April 2019

Re-organization of the report

### June 2019

Many anomalies were detected following the return of the work done by the CORA team.

### September 2019

Many anomalies were detected after processing new spike test (test performed on DM files, resulting in many anomalies detected on DM profiles).

### October 2019

Many anomalies were detected after processing new spike test (test performed on RT files, resulting in many anomalies detected on RT profiles).

#### November 2019

Many anomalies were detected after processing MinMax method on the retroactive years (till end of 2014).

The list describing the floats has been divided in 2 parts : one for files with data\_mode = 'A' & 'R', an other for data\_mode='D'.

#### February 2020

More information in the first table with failure type, first cycle of smooth or hard failure.

#### March 2020

DM - Take care, some D files have a good correction on adjusted parameter (most of the time QC4 and Fill\_Value) but in real time, QC1 is always kept instead of QC3 or 4. See in Argo Quality Control Manual For CTD and Trajectory Data (Version 3.3) : §3.1. Editing raw qc flags in delayed-mode.

#### April 2020

The first table has been slightly reorganized to highlight the new floats for which drift has been detected. The others are left under the banner "Previous reports" and indicate those still detected by the anomalies (not yet in grey list). At the end, a new category indicates the floats for which the DAC operators do not agree although these floats still appear in the anomalies.

#### October 2020

The first table has been reorganized to move, at the end, the floats that have been present in the table in the previous month and that have been put in grey list.

#### November 2020

The first table has been reorganized to remove from the previous months part, all the profiles which have not been detected in alert for the last 5 months (greylisted by DAC ? dead floats ? no more drift ?).

#### March 2021

Release csv versions of the drift table each month in addition to the one in the pdf report.

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# 1. Anomalies of Argo profiles – Suspected drift

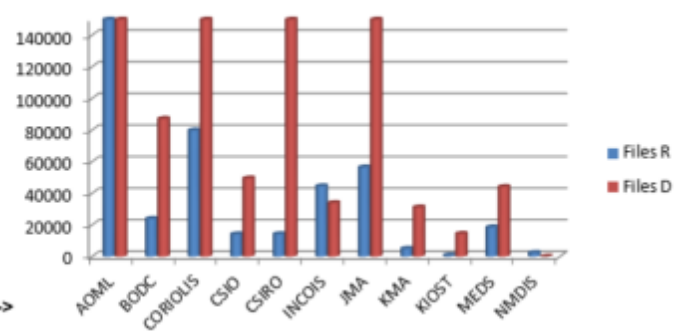
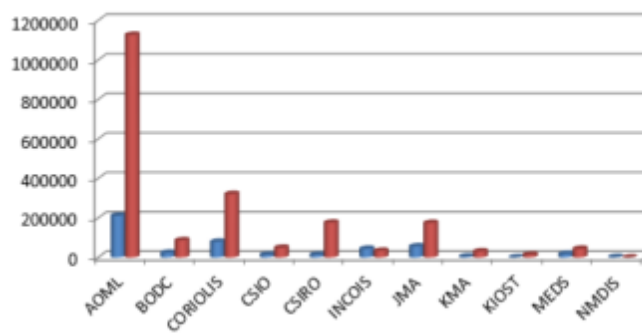
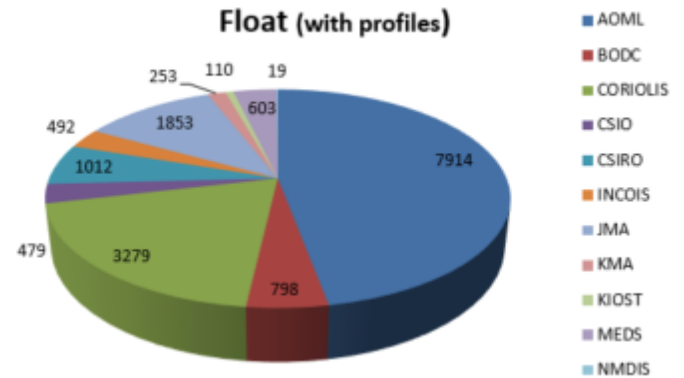
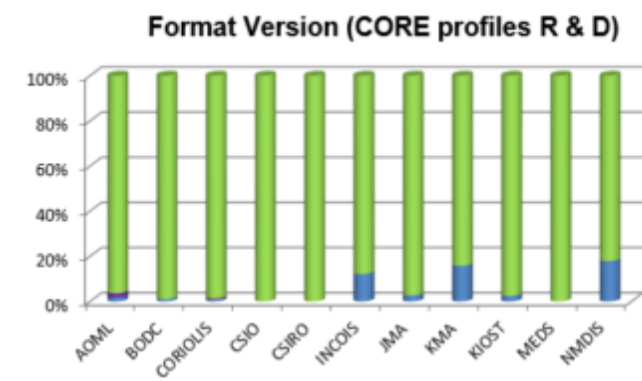
This table shows a list of floats showing a suspected drift/bias, observed in the month. (feedback from Coriolis).

DAC	WMO	PI	First station alert	First cycle in alert	Last Station in alert	Last cycle in alert	QC level in RT in Coriolis DB	Description	SENSOR_MODEL	SERIAL_NO	Failure_Type for Coriolis DB (1=drift, 2=bias, 3=weird, 4= wrecked, 5=pressure, adjustment issue)	Comment
<b>NEW</b>												
ADML	2902392	BRECK OWENS, STEVEN JAYNE, P.E. ROBBINS	2021/10/28	254			4	Argo WHOI	SBE41CP	7134	3	strange profile
ADML	3901279	GREGORY C. JOHNSON	2021/10/28	174	2021/10/02	175	3	Argo PMEL	SBE41CP	08464	3	Slight Drift
ADML	5904109	STEPHEN RISER	2021/10/08	293			3	Argo UW	SBE41	5950	1	Slight Drift
ADML	5904296	GREGORY C. JOHNSON	2021/10/26	264			3	Argo PMEL	SBE41CP	5092	1	Slight Drift
ADML	5904861	GREGORY C. JOHNSON	2021/04/14	175	2021/10/31	195	4	Argo PMEL	SBE41CP	07719	1	Bad profiles
ADML	5905598	ANDREA FASSBENDER	2021/06/25	153	2021/10/14	164	3	Argo UW-MDARI	SBE41CP	10762	1	Drift. float seems come back in the table
ADML	5906016	STEPHEN RISER	2021/10/18	95			3	Argo UW	SBE41CP	10191	1	Drift
CORIOLIS	6902782	babina SPECH	2021/11/01	137			3	CORIOLIS	SBE41CP_V7.2.5	8977	2	Jump ? Drift ?
CORIOLIS	6902814	Jean Baptiste SALLEE	2021/10/28	137			3	CORIOLIS	SBE41CP_V7.2.5	8148	1	Drift
CORIOLIS	6902851	Fabrice O'RYENEND	2021/10/07	231	2021/10/12	232	3	CORIOLIS	SBE41CP_V7.2.5	9601	6	Slight Drift
CORIOLIS	6902918	Sophie CHAVATTE	2021/10/14	97	2021/10/24	98	3	CORIOLIS	SBE41CP_V7.2.5	10764	1	Slight Drift
CORIOLIS	6903266	Pierre-Marie Poulin	2021/10/07	829	2021/11/01	334	3	ARGO Italy	SBE41CP	10595	1	Drift
CORIOLIS	6903270	Pierre-Marie Poulin	2021/10/17	154	2021/11/01	157	3	ARGO Italy	SBE41CP	11690	2	Jump ? Drift ?
CORIOLIS	7900509	Birgit Klein	2021/08/24	101	2021/10/23	107	3	Argo BSH	SBE41CP_V7.2.5	11167	1	Slight Drift
CSRS	5905173	Steven WYRAL	2021/10/17	136			3	ARGO Australia	SBE41CP_V7	7096	3	Wired, with bias ?
IOA	4902982	IAAMTEC	2021/10/12	85	2021/10/22	86	3	Argo IAAMTEC	SBE41CP_V7.2.5	10973	1	Drift
<b>PREVIOUS REPORTS (in last 5 months)</b>												
ADML	1902057	GREGORY C. JOHNSON	2020/06/24	168	2021/11/01	181	4	Argo PMEL	SBE41CP	08465	1	Drift/Jump
ADML	1902198	GREGORY C. JOHNSON	2020/02/20	61	2021/11/01	123	3 & 4	Argo PMEL	SBE41CP	9911	1	cycle 53 is 0.05 psu saltier than surrounding profiles.
ADML	1902200	GREGORY C. JOHNSON	2020/07/06	111	2021/10/22	115(112)	3 & 4	Argo PMEL	SBE41CP	09909	1	Drift and bad profiles, some missing cycles
ADML	1902201	GREGORY C. JOHNSON	2021/06/04	108	2021/09/26	112	3	Argo PMEL	SBE41CP	09913	1	Slight drift
ADML	2902390	BRECK OWENS, STEVEN JAYNE, P.E. ROBBINS	2021/07/08	211	2021/08/18	219	3	Argo WHOI	SBE41CP	7340	1	Slight Drift
ADML	3901179	GREGORY C. JOHNSON	2020/04/15	250	2021/10/22	269	3	Argo PMEL	SBE41CP	5542	1	Slight Drift
ADML	3901187	GREGORY C. JOHNSON	2020/11/22	29	2021/10/26	278	4	Argo PMEL	SBE41CP	5507	1 or 2	1 PSU saltier, Positions may be incorrect.
ADML	3901219	GREGORY C. JOHNSON	2020/02/25	172	2021/10/27	223	3 & 4	Argo PMEL	SBE41CP	6308	1	Drift, cycle 143 remains out of bounds.
ADML	3901257	GREGORY C. JOHNSON	2020/07/07	136	2021/10/30	184	3 & 4	Argo PMEL	SBE41CP	8338	1	Small drift
ADML	3901224	BRECK OWENS, STEVEN JAYNE, P.E. ROBBINS	2020/08/31	224	2021/10/28	230	4	Argo WHOI	SBE41CP	7145	1	Jump
ADML	3901259	GREGORY C. JOHNSON	2018/09/27	67	2021/10/31	180	3 & 4	Argo PMEL	SBE41CP	8462	1	drifting since at least cycle 79, cycle 105 is 0.15 PSU saltier than surrounding profiles
ADML	3901261	CARL SCZECZOWSKI	2021/09/04	977	2021/09/09	982(199-402)	3	Argo NAVOCEANO	SBE41CP_V3.0c	6517	1	Slight drift
ADML	3901266	CARL SCZECZOWSKI	2020/09/29	452	2021/10/26	452	4	Argo NAVOCEANO	SBE41CP_V3.0c	7131	1	Drift
ADML	3901282	GREGORY C. JOHNSON	2021/07/28	183	2021/10/24	183	3	Argo PMEL	SBE41CP	8531	6	salty jump at cycle 85, salinity data are unrecd
ADML	3901283	GREGORY C. JOHNSON	2020/08/11	114	2021/11/01	174	3	Argo PMEL	SBE41CP	8563	1	Slight drift, compared to cycle 114
ADML	3901289	GREGORY C. JOHNSON	2020/02/28	117	2021/10/25	178	4	Argo PMEL	SBE41CP	8651	1	cycle 99 is 0.2 PSU saltier than surrounding profiles
ADML	3901291	GREGORY C. JOHNSON	2020/07/04	129	2021/10/29	177	4	Argo PMEL	SBE41CP	8638	1	Slight drift
ADML	3901293	GREGORY C. JOHNSON	2020/02/13	125	2021/10/27	175	3	Argo PMEL	SBE41CP	8770	1	Slight drift
ADML	3901299	GREGORY C. JOHNSON	2020/02/28	52	2021/10/27	102	3	Argo PMEL	SBE41CP	9957	2	cycle 45 is affected by a 0.02 salty jump. Wait for more cycles
ADML	3901301	GREGORY C. JOHNSON	2020/08/18	128	2021/10/27	130	3	Argo PMEL	SBE41CP_V7.2.5	10020	1	Slight drift
ADML	3901306	GREGORY C. JOHNSON	2020/12/24	55	2021/10/30	86	3	Argo PMEL	SBE41CP	4600	1	Slight drift
ADML	3901307	GREGORY C. JOHNSON	2021/01/26	60	2021/10/27	87	3	Argo PMEL	SBE41CP	11064	1	Slight drift
ADML	3901308	GREGORY C. JOHNSON	2021/01/29	72	2021/10/26	87	3	Argo PMEL	SBE41CP	11066	1	Slight drift
ADML	3901352	GREGORY C. JOHNSON	2020/09/08	88	2021/10/14	79	3 & 4	Argo PMEL	SBE	5719	3	Bad profiles
ADML	3902207	GREGORY C. JOHNSON	2021/04/09	62	2021/10/14	82	4	Argo PMEL	SBE	5725	3	Bad profile
ADML	3902244	WIFFELS JAMES ROBBINS	2021/09/29	47	2021/10/29	70	3	Argo WHOI	SBE41CP	11065	1	Drift starting ?
ADML	4901651	GREGORY C. JOHNSON	2021/06/08	260	2021/10/08	264	3	Argo PMEL	SBE41CP	3578	1	Slight drift
ADML	4901659	GREGORY C. JOHNSON	2021/08/11	260	2021/10/31	265	3	Argo PMEL	SBE41CP	5935	1	Slight Drift
ADML	4902079	GREGORY C. JOHNSON	2021/07/25	228	2021/10/23	237	3	Argo PMEL	SBE41CP	6289	1	Slight Drift
ADML	4902090	GREGORY C. JOHNSON	2021/08/04	202	2021/07/14	215	3	Argo PMEL	SBE41CP	7229	1	Large drift
ADML	4902121	BRECK OWENS, STEVEN JAYNE, P.E. ROBBINS	2021/02/19	152	2021/10/28	183	3	Argo WHOI	SBE41CP	6478	1	Drift
ADML	4902102	BRECK OWENS, STEVEN JAYNE, P.E. ROBBINS	2020/02/17	174	2021/10/28	326	4 & 3	Argo WHOI	SBE41CP	6488	2	cycle 156B is affected by a 0.2 psu salty jump. Wait for more cycles
ADML	4902106	BRECK OWENS, STEVEN JAYNE, P.E. ROBBINS	2021/06/10	210	2021/08/19	217	3	Argo WHOI	SBE41CP	6510	1	Slight drift, on PSAL, from cycle 217 PSAL_ADJUSTED seems ok
ADML	4902303	GREGORY C. JOHNSON	2021/04/18	193	2021/10/31	207	3	Argo PMEL	SBE41CP	7478	1	Slight drift
ADML	4902307	GREGORY C. JOHNSON	2020/06/19	145	2021/11/01	154(145-155)	3	Argo PMEL	SBE41CP	7682	1	Drift
ADML	4902892	GREGORY C. JOHNSON	2021/08/28	160	2021/10/25	181	3 & 4	Argo PMEL	SBE41CP	8006	1	Drift is beginning
ADML	4902893	GREGORY C. JOHNSON	2019/10/12	107	2021/10/31	182	3	Argo PMEL	SBE41CP	8007	1	DMQC - cycles 20 to 22 are affected by fresh jump
ADML	4902897	GREGORY C. JOHNSON	2020/09/29	119	2021/10/31	182	3 & 4	Argo PMEL	SBE41CP	8310	1	smoothly drifting so far
ADML	4902900	GREGORY C. JOHNSON	2021/04/24	156	2021/10/31	179	3	Argo PMEL	SBE41CP	8663	1	Slight drift
ADML	4902901	GREGORY C. JOHNSON	2020/02/12	116	2021/10/24	178	4	Argo PMEL	SBE41CP	8692	1	probably drifting (0.04 PSU saltier on 2018/12/19), had salty jumps from cycle 80 (2019/02/17)
ADML	4902908	GREGORY C. JOHNSON	2021/03/06	154	2021/11/01	178	3	Argo PMEL	SBE41CP	8875	1	Drift
ADML	4902920	BRECK OWENS, STEVEN JAYNE, P.E. ROBBINS	2021/08/21	139	2021/07/19	141	3	Argo WHOI	SBE41CP	8654	1	Slight drift
ADML	4902926	GREGORY C. JOHNSON	2020/09/19	102	2021/11/01	152	3 & 4	Argo PMEL	SBE41CP	0908	1	Drift
ADML	4903011	DEAN ROEMMICH	2021/08/08	98	2021/10/08	101	3	Argo SIO	SBE41CP_V7.2.5	10792	1	Slight drift ? Also shown with comparison to neighboring profiles. John's answer : 4903011, although it's nearing 0.05psu drift is still drifting smoothly. So I'll hold off on anything that data quite yet. I'll stay on top of it though.
ADML	4903028	GREGORY C. JOHNSON	2020/09/19	50	2021/10/26	109	4 (3) 3 (T)	Argo PMEL	SBE41CP	10069	2	unrecovered
ADML	4903030	GREGORY C. JOHNSON	2020/09/28	60	2021/10/26	102	3 & 4	Argo PMEL	SBE41CP	10074	1	Fresher profiles from cycle 50, bias then come back to correct profiles ?
ADML	4903033	GREGORY C. JOHNSON	2019/11/11	47	2021/10/26	120	4 & 3	Argo PMEL	SBE41CP	10577	1	cycle 50 is 0.06 psu saltier than surrounding profiles and than cycle 51. Cycle 52 is 0.09 psu saltier than cycle 51.
ADML	4903048	BRECK OWENS, STEVEN JAYNE, P.E. ROBBINS	2021/08/20	105	2021/10/30	106	3	Argo WHOI	SBE41CP	10925	1	cycle 46 (2019/03/03) is affected by a 0.08 psu salty jump. Rapidly drifting.
ADML	4903058	BRECK OWENS, STEVEN JAYNE, P.E. ROBBINS	2021/08/23	94	2021/10/31	101	3	Argo WHOI	SBE41CP	11021	1	Slight drift, compared to neighboring profiles
ADML	4903173	GREGORY C. JOHNSON	2019/09/29	21	2021/10/25	111	3 & 4	Argo PMEL	SBE41CP	10997	1	cycle 42 and cycle 43 are 0.04 psu saltier than surrounding profiles. Drift may have begun cycle 38
ADML	4903178	GREGORY C. JOHNSON	2021/08/28	90	2021/10/28	109	4	Argo PMEL	SBE41CP	11047	1	Bad profile PSAL
ADML	4903180	GREGORY C. JOHNSON	2021/08/11	101	2021/10/30	109	3	Argo PMEL	SBE41CP	11049	1	Slight drift
ADML	4903183	GREGORY C. JOHNSON	2019/06/22	24	2021/09/09	105	3 & 4	Argo PMEL	SBE41CP	11041	3	Drift then Bad profiles
ADML	4903184	GREGORY C. JOHNSON	2020/02/17	48	2021/10/29	110	3 & 4	Argo PMEL	SBE41CP	11042	1	Drift then Bad profiles
ADML	4903188	GREGORY C. JOHNSON	2019/10/10	21	2021/10/29	96	4	Argo PMEL	SBE41CP	11069	1	fast salty drift
ADML	4903194	GREGORY C. JOHNSON	2020/09/20	56	2021/10/25	96	3 & 4	Argo PMEL	SBE41CP	11138	1	Small drift
ADML	4903198	GREGORY C. JOHNSON	2021/09/04	91	2021/10/24	93	3	Argo PMEL	SBE41CP	11161	1	Slight Drift
ADML	4903202	GREGORY C. JOHNSON	2020/01/27	27	2021/10/24	89	3 & 4	Argo PMEL	SBE41CP	11068	1	cycle 24 is 0.05 psu saltier than surrounding profiles. Wait for more cycles.
ADML	4903282	GREGORY C. JOHNSON	2021/08/22	70	2021/10/28	92	3	Argo PMEL	SBE41CP	11204	1	Slight drift
ADML	4903293	GREGORY C. JOHNSON	2020/09/26	16	2021/10/31	56	3(10) 4(44)	Argo PMEL	SBE41CP	11822	2	Beginning of drift or jump ?
ADML	4903333	WIFFELS JAMES ROBBINS	2021/04/12	18	2021/09/25	138	3	Argo WHOI	SBE41CP	11860	1	Slight Drift ? One profile
ADML	4903358	WIFFELS JAMES ROBBINS	2021/08/28	18	2021/10/31	120	3	Argo WHOI	SBE41CP	12673	1	Drift
ADML	5903806	GREGORY C. JOHNSON	2020/02/17	278	2021/10/28	336	3	Argo PMEL	SBE41	5646	1	cycle 257 is 0.04 PSU saltier than surrounding profiles.
ADML	5903807	GREGORY C. JOHNSON	2021/0									

BOIDC	2901905	Jon Turton	2021/08/22	140	2021/09/12	142	3	Argo UK	SBE41	7836	1	Drift
BODC	5902400	Jon Turton	2021/09/18	87	2021/09/27	71	3	Argo UK	SBE41CP_V7.2.5	10893	1	Drift
BODC	6001202	Jon Turton	2021/04/28	144	2021/09/10	158	3	Argo UK	SBE41	9203	1	Slight drift
BODC	6001926	Diamuid O'Conchubhair	2021/09/29	200	2021/10/31	204	3	Argo IRELAND	SBE41	8837	1	Drift
BODC	6003727	Brian King	2021/06/06	89	2021/09/24	55	3	Argo UK	RBB_ARGO3	203597	1	Vary slight drift - but also shown with comparison to neighboring profiles
BODC	6003753	Brian King	2020/12/19	1	2021/10/29	33	3	Argo UK	RBB_ARGO3	203430	1	Drift - Finally start at cycle 1 instead of cycle 12
COROLIS	5901990	Benoit Canouet	2021/09/01	108	2021/09/01	108	4	ARGO MOCCA	SBE41CP_V7.2.5	39104	3	Bad profile
COROLIS	6002848	Franck DUMAS	2021/04/15	195	2021/10/28	222	3	COROLIS	SBE41CP_V7.2.5	9588	1	Drift
COROLIS	6003038	Damien Deshayes	2021/09/27	11	2021/09/27	11	4	ARGO	SBE41CP_V7.2.5	12286	3	Bad profiles
COROLIS	6003083	Damien Deshayes	2021/09/29	7	2021/10/29	14	3	COROLIS	SBE41CP_V7.2.5	13346	1	Beginning of drift ? strange profile
COROLIS	6003239	Pierre-Marie Poulain	2021/09/29	258	2021/10/29	264	3 & 4	ARGO Italy	SBE41CP_V7.2.5	10063	1	Jump 2 Drift ?
COROLIS	6003291	Dimitri KASSIS	2021/04/15	41	2021/09/13	59	3	Argo GREECE	SBE41CP	6806	1	Slight drift ? Several water masses ?
COROLIS	6003557	Kjetil Arne Mark	2021/09/02	66	2021/10/28	90	3	Argo NORWAY	SBE41CP	10986	1	Drift on deep argo
COROLIS	6003574	Kjetil Arne Mark	2021/09/08	52	2021/10/25	87	3	ARGO NORWAY	SBE41CP	12716	1	Drift for some cycles
COROLIS	6003575	Kjetil Arne Mark	2021/09/08	78	2021/10/26	49	3 & 4	Argo NORWAY	SBE41CP	12717	1	Drift
COROLIS	6003800	Pierre-Marie Poulain	2021/04/24	11	2021/07/29	19	3	ARGO Italy	SBE41-CP	41-12905	1	Drift
COROLIS	6004134	Arne Klottinger	2021/06/08	2	2021/09/16	33	3 & 4	ARGO Geomar	SBE41CP	12546	1	Drift - Descending bad but ascending ok
COROLIS	7005000	Birgit Klein	2021/08/30	172	2021/08/30	172	4 (T & S)	Argo BSH	SBE41	41-8833	3	Strange profile
CSIO	2902747	FEI CHAI	2021/07/15	116	2021/08/12	119	3	Argo CHINA	SBE41CP_V7.2.5	9707	1	Drift
INCOIS	2902282	RAVICHANDRAN	2021/09/12	221	2021/09/12	221	3	Indian Argo	SBE41CP	7252	1	Slight Drift
INCOIS	2902185	M Ravichandran	2020/12/28	190	2021/10/25	220	3	Indian Argo	SBE41CP	6670	1	Slight Drift
INCOIS	2902201	M Ravichandran	2020/08/23	164	2021/10/27	207	3	Indian Argo	SBE41	7642	1	Drift
INCOIS	2902209	M Ravichandran	2020/09/10	92	2021/10/27	190	3 & 4	Indian Argo	SBE41CP	8353	1	drifting since cycle 87 (2019/01/20) and shape has changed, probably because it entered an eddy-rich region, cycle 109 (20190824) is 0.25 psu saltier than surrounding profiles
INCOIS	2902210	M Ravichandran	2021/09/24	233	2021/10/04	234	3	Indian Argo	SBE41CP	8358	1	Slight Drift
INCOIS	2902211	M Ravichandran	2020/07/22	162	2021/10/24	223	3	Indian Argo	SBE41CP	8355	1	Drift
INCOIS	2902222	M Ravichandran	2020/06/09	161	2021/10/17	174	3	Indian Argo	SBE41	6672	1	Drift
INCOIS	2902236	M Ravichandran	2020/08/27	233	2021/08/17	304	3	Argo INDIA	SBE41CP	9529	1	Drift
INCOIS	2902241	M Ravichandran	2021/07/22	114	2021/10/28	136	3	Argo INDIA	SBE41CP	5693	1	Slight drift
INCOIS	2902267	M Ravichandran	2021/08/08	93	2021/10/27	101	3	Argo INDIA	SBE41CP	11206	1	Slight drift
INCOIS	2902268	M Ravichandran	2020/04/15	51	2021/10/28	101	3	Argo INDIA	SBE41CP	11207	1	Slight drift
INCOIS	2902270	M Ravichandran	2021/07/20	91	2021/08/02	92	3	Argo INDIA	SBE41CP	11378	1	Slight drift
JMA	2902212	JAMSTEC	2019/04/06	49	2021/08/25	141	4 & 3 & 4	Argo eq. JAMSTEC	SBE41	5611	2	2019/09/29: "The qc flags of the following floats will be decided when the D-files are created. Float : 2903212 - Cycle : 49 - 55"
JMA	2903630	JAMSTEC	2021/06/04	67	2021/10/04	70	3 & 4	Argo JAMSTEC	SBE41CP_V7.2.5	10969	1	Drift
JMA	2903292	JAMSTEC	2021/07/15	60	2021/09/03	65	3	Argo JAMSTEC	SBE41CP_V7.2.5	11106	1	Slight drift
JMA	4902984	JAMSTEC	2021/04/05	65	2021/07/03	74	3	Argo JAMSTEC	SBE41CP_V7.2.5	10974	1	Drift
JMA	5905842	JMA	2020/08/29	61	2021/08/29	61	3	Argo eq. JAMSTEC	SBE61	5683	1	Drift (Deep Argo Float)
JMA	5905861	JAMSTEC	2021/09/21	89	2021/10/21	92	3	Argo JAMSTEC	SBE41CP_V7.2.5	10964	1	Slight Drift
JMA	5905862	JAMSTEC	2021/07/21	82	2021/10/29	92	3 & 4	Argo JAMSTEC	SBE41CP_V7.2.5	10429	1	Drift
JMA	5905863	JAMSTEC	2021/09/28	78	2021/10/28	81	3	Argo JAMSTEC	SBE41CP_V7.2.5	10966	1	Slight Drift
JMA	5906390	JAMSTEC	2021/08/30	20	2021/10/29	26	3 (T) 4 (S)	Argo JAMSTEC	SBE41CP_V7.2.5	11352	1	Drift T & S with jump for S ?
MEDS	4902459	Blair Greenan	2021/05/17	104	2021/10/24	104[116-120]	3	Argo CANADA	SBE41CP	41-10641	1	Slight drift ?
MEDS	4902462	Blair Greenan	2021/07/31	90	2021/10/29	99	3	Argo CANADA	SBE41CP	41-10630	1	Slight drift ?
MEDS	4902470	Blair Greenan	2020/09/17	40	2021/11/01	93	3+7	Argo CANADA	SBE41CP	41CP-11308	1	Drift, now bias on temp
Floats on grey list since last month (from feedback)												
AOML	5906431	DEAN ROEMMICH, SARAH PURKEY, NATHALIE ZILBERMAN, JOHN GILSON -> Grey List	2021/09/28	10	2021/10/03	11	3	Argo SIO	SBE41CP_V7.2.5	12038	1	Drift
COROLIS	3901921	Jose Luis Pedregal -> Grey List	2021/07/24	117	2021/11/01	127	3	ARGO MOCCA	SBE41CP_V7.2.5	8305	1	Slight Drift
COROLIS	6002781	Sabrina PEICH -> Grey List	2021/09/01	131	2021/10/31	137	3	COROLIS	SBE41CP_V7.2.5	8976	1	Drift
COROLIS	7905570	Birgit Klein -> Grey List	2021/09/15	45	2021/10/15	48	3	Argo BSH	SBE41CP	41-12684	1	Drift
CSIRO	5905382	Susan Wilfells -> Grey List	2021/09/06	176	2021/09/06	176	3	ARGO Australia	SBE41CP_V7.2.5	8180	3	Strange behaviour, drift ? Different water masses ? Not clear
CSIRO	7900616	Susan Wilfells -> Grey List	2021/09/18	210	2021/09/18	210	3	ARGO Australia	SBE41CP_V2	7111	3	Strange behaviour, drift ? Different water masses ? Not clear
JMA	2903401	JAMSTEC -> Grey List	2021/02/22	88	2021/09/15	97	3	Argo eq. JAMSTEC	SBE61	5695	1	Drift
JMA	5905856	JAMSTEC -> Grey List	2021/05/03	44	2021/09/09	57	3	Argo JAMSTEC	SBE41CP_V7.2.5	11095	1	Slight drift
JMA	5905864	JAMSTEC -> Grey List	2021/05/29	76	2021/09/14	78	3	Argo JAMSTEC	SBE41CP_V7.2.5	11096	1	Drift
JMA	5905877	JAMSTEC -> Grey List	2021/07/26	61	2021/09/14	66	3	Argo JAMSTEC	SBE41CP_V7.2.5	11097	1	Drift

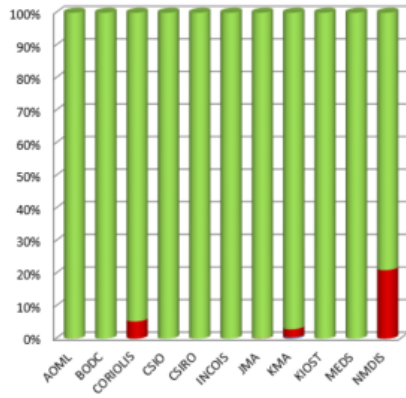
## 2. Statistics on floats and format version (End of October 2021)

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

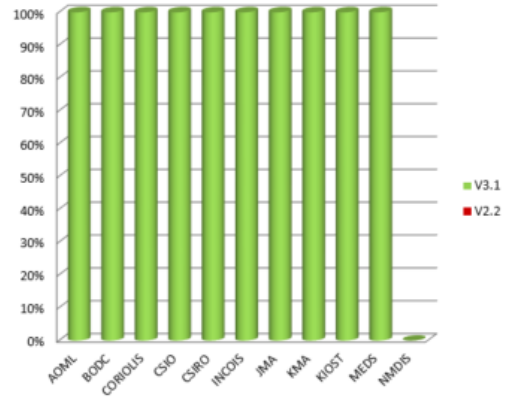


Plots showing format\_version percentage, for metadata-technical-trajectory and core profiles following dead or active floats.

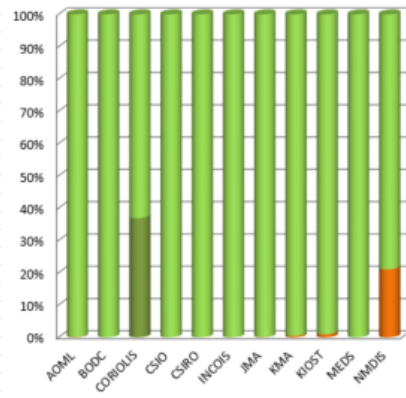
**Metadata Files - Dead floats**



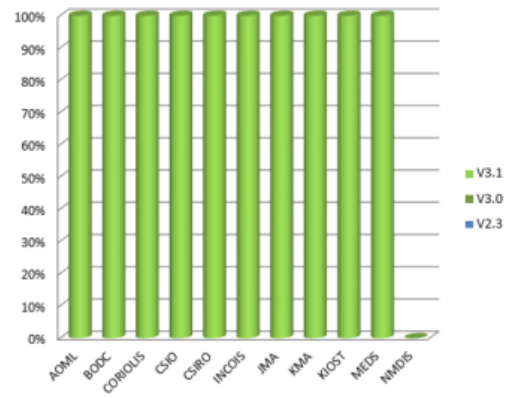
**Metadata Files - Active floats**



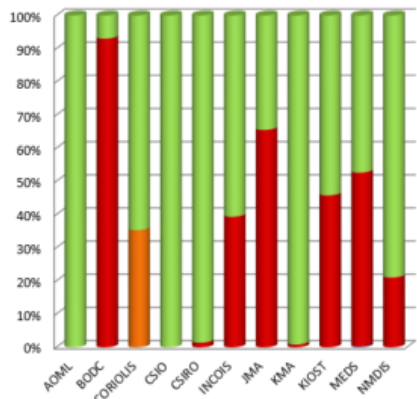
**Technical Files - Dead floats**



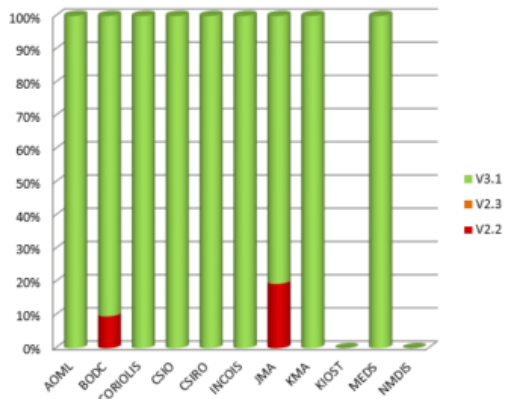
**Technical Files - Active floats**



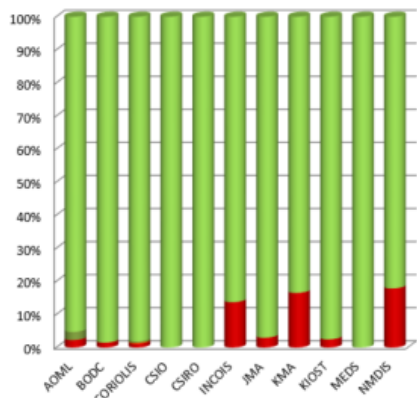
**Trajectory Files - Dead floats**



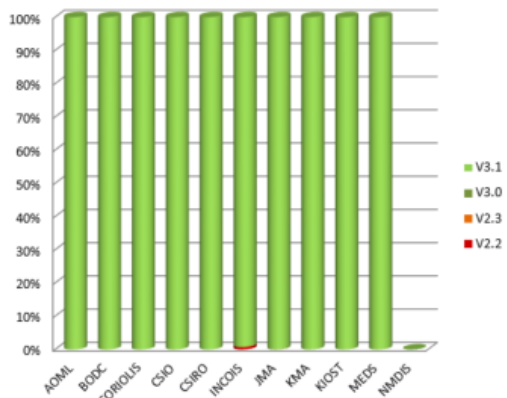
**Trajectory Files - Active floats**



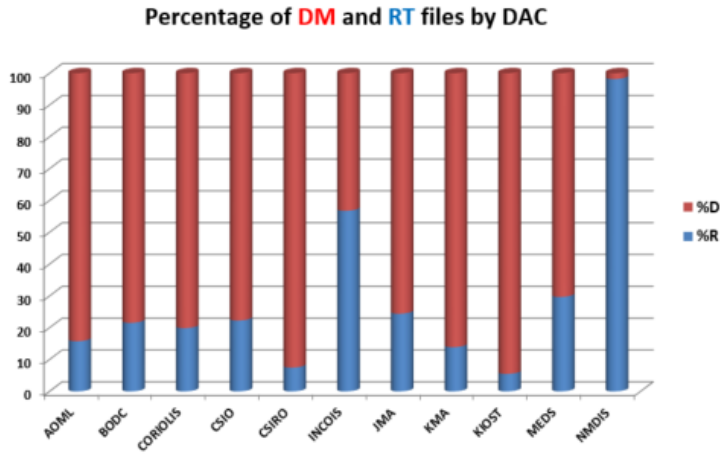
**Profile files - Dead floats**



**Profile Files - Active floats**



Delayed mode percentage by DAC

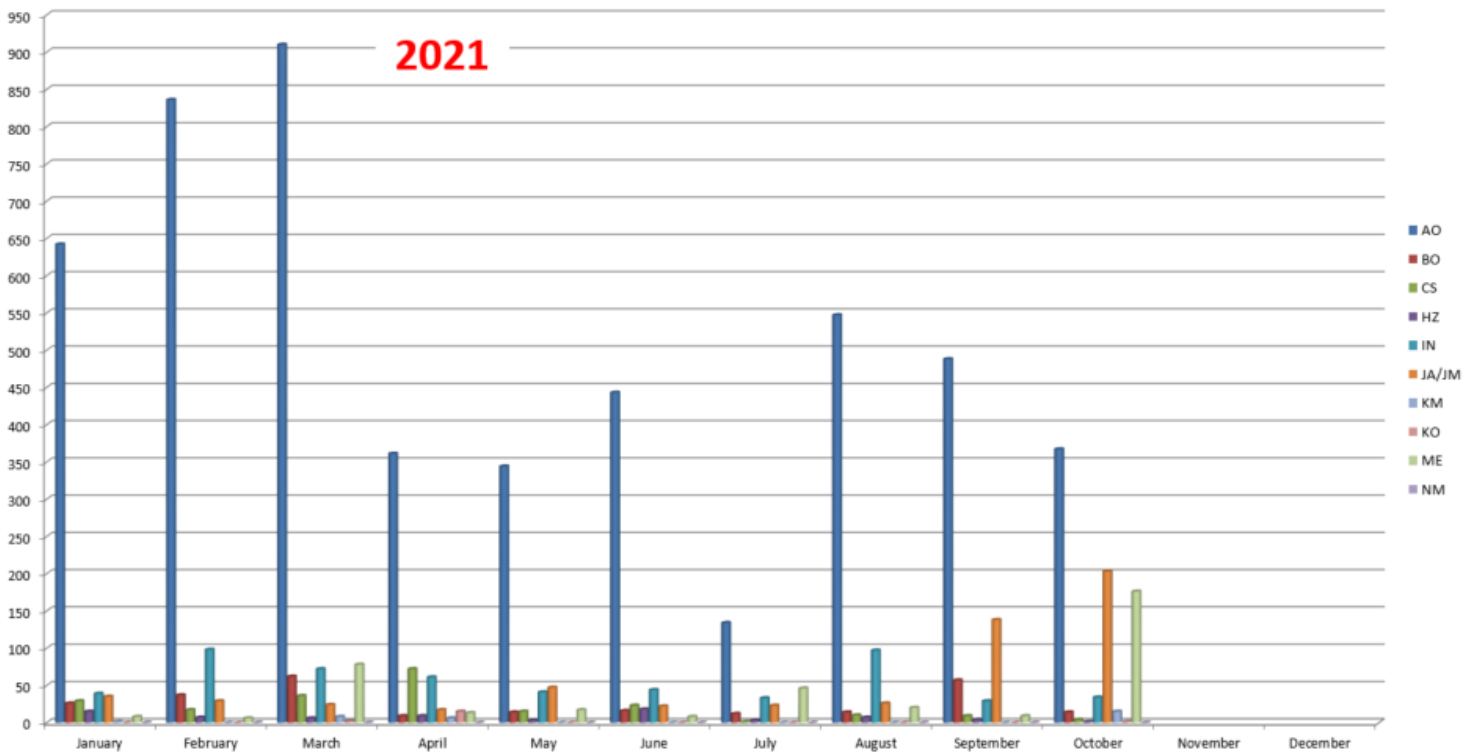


DACS	%R	%D
AOML	15,79	84,21
BODC	21,55	78,45
CORIOLIS	19,89	80,11
CSIO	22,29	77,71
CSIRO	7,48	92,52
INCOIS	56,77	43,23
JMA	24,41	75,59
KMA	13,91	86,09
KOST	5,49	94,51
MEDS	29,70	70,30
NMDIS	98,17	1,83

3. Statistics on Anomalies

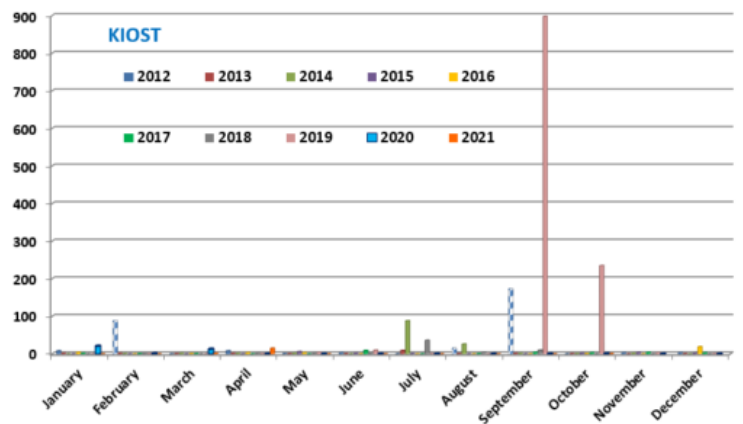
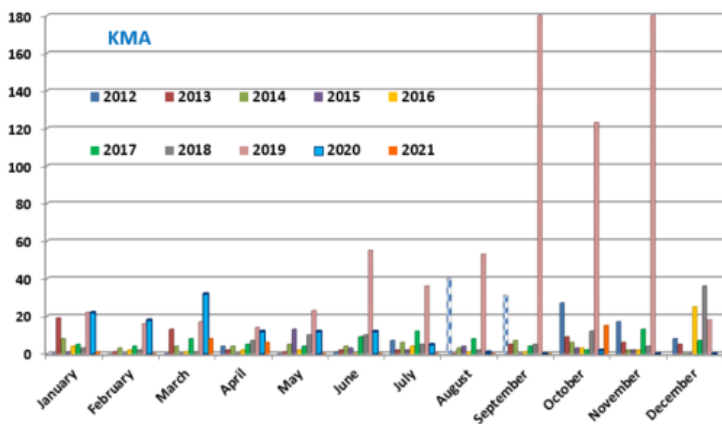
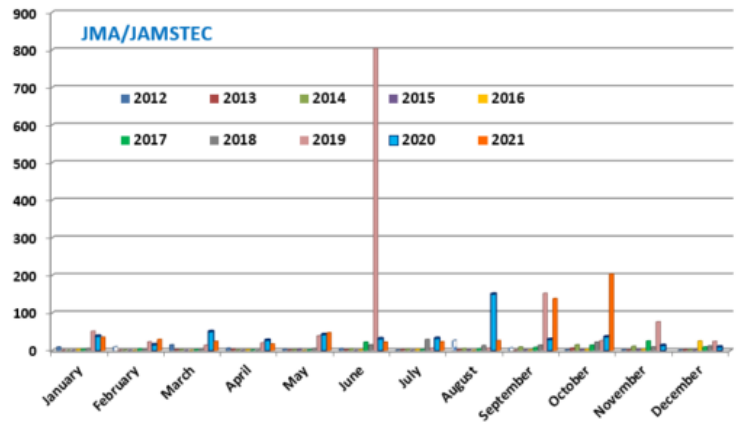
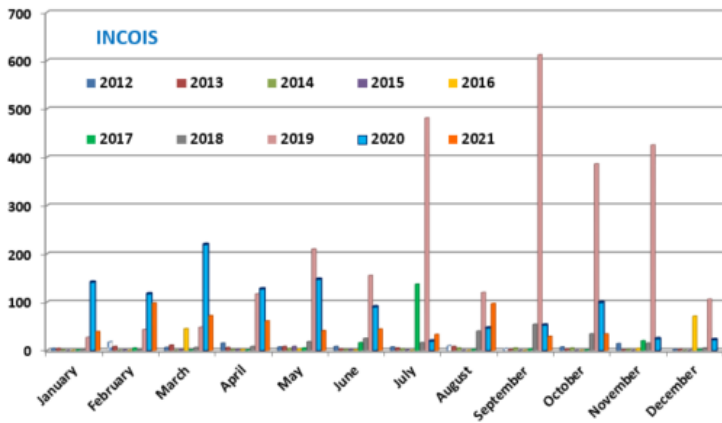
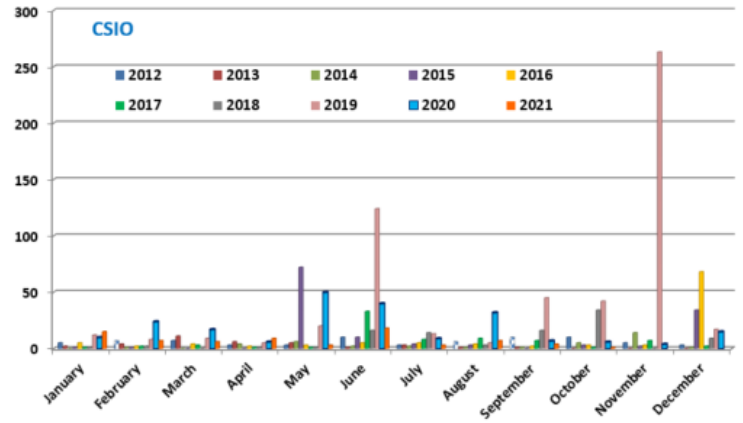
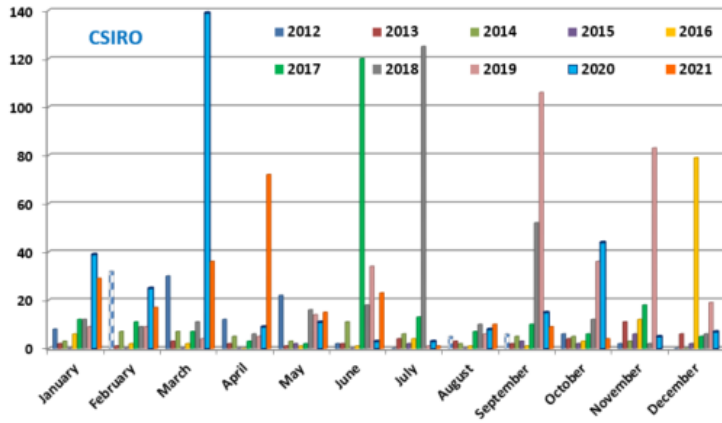
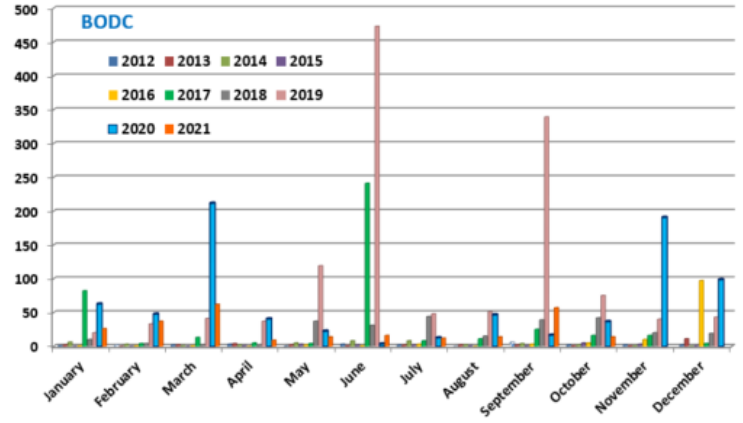
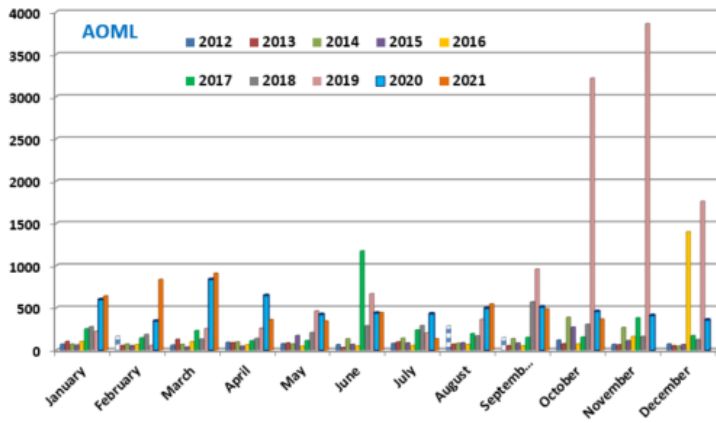
Plots showing evolution of number of anomalies by DAC.

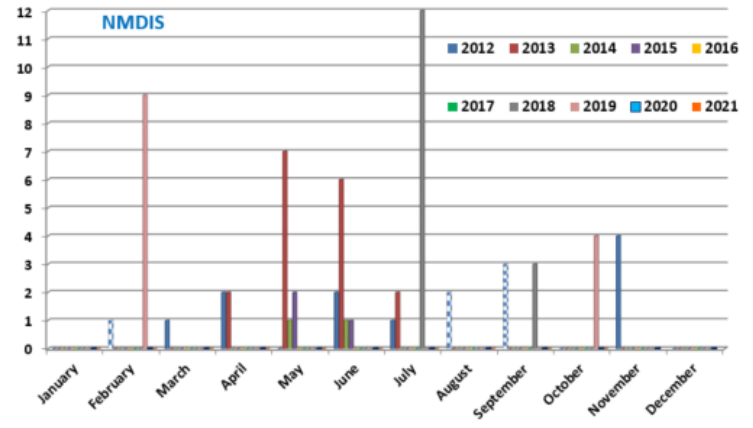
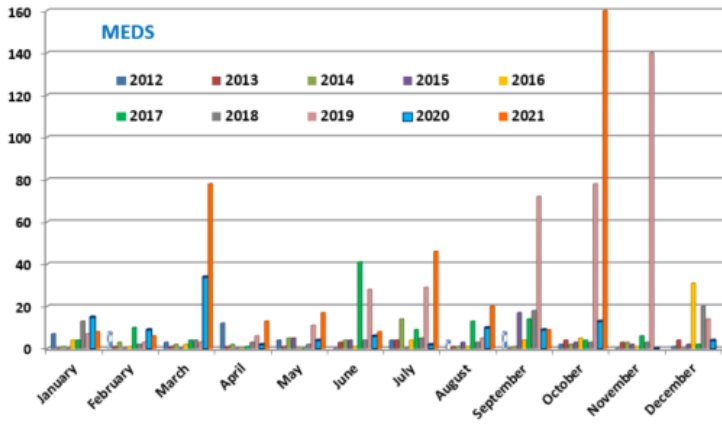
3.1. Year



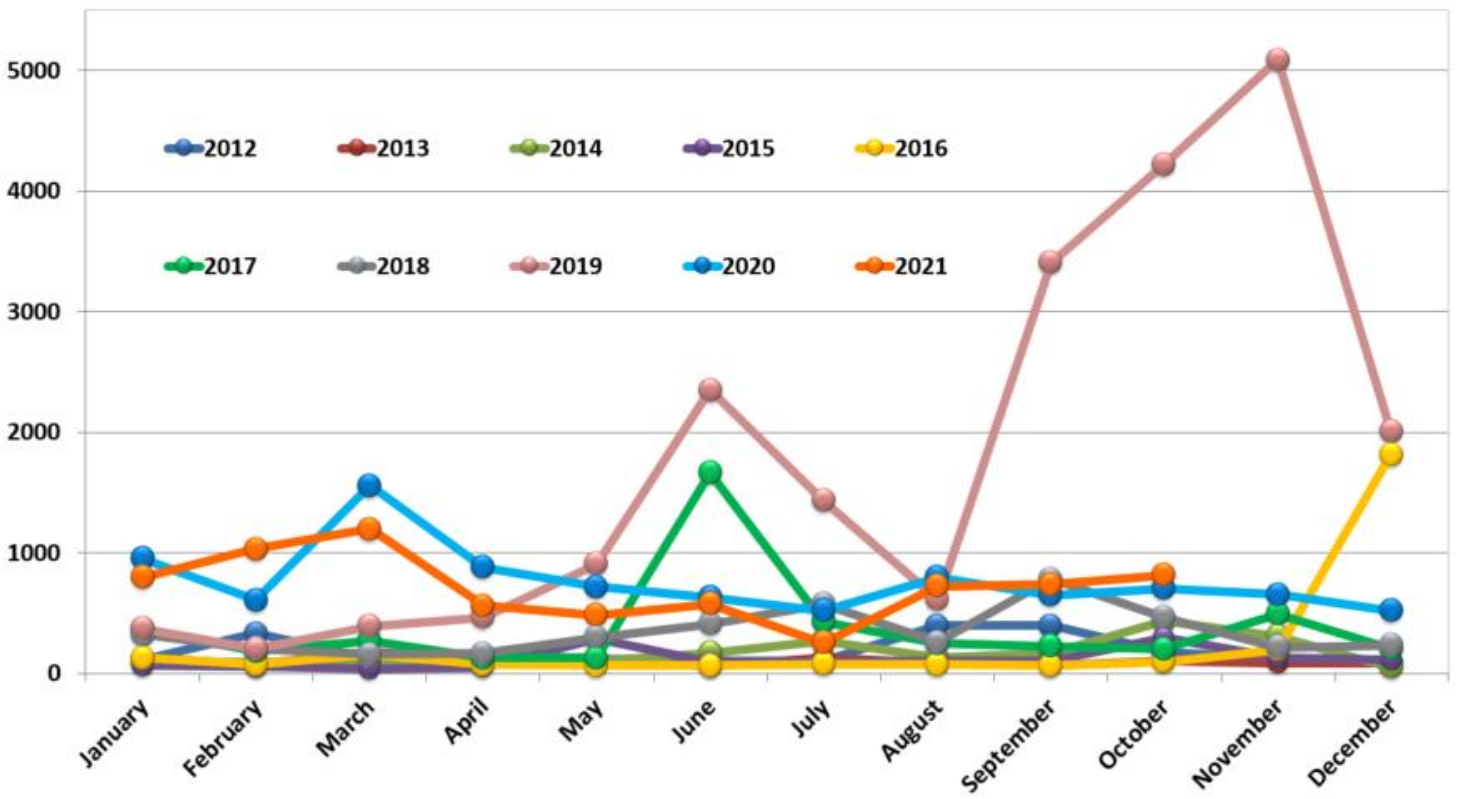
3.2. DAC







### 3.3. Anomalies by year, by month

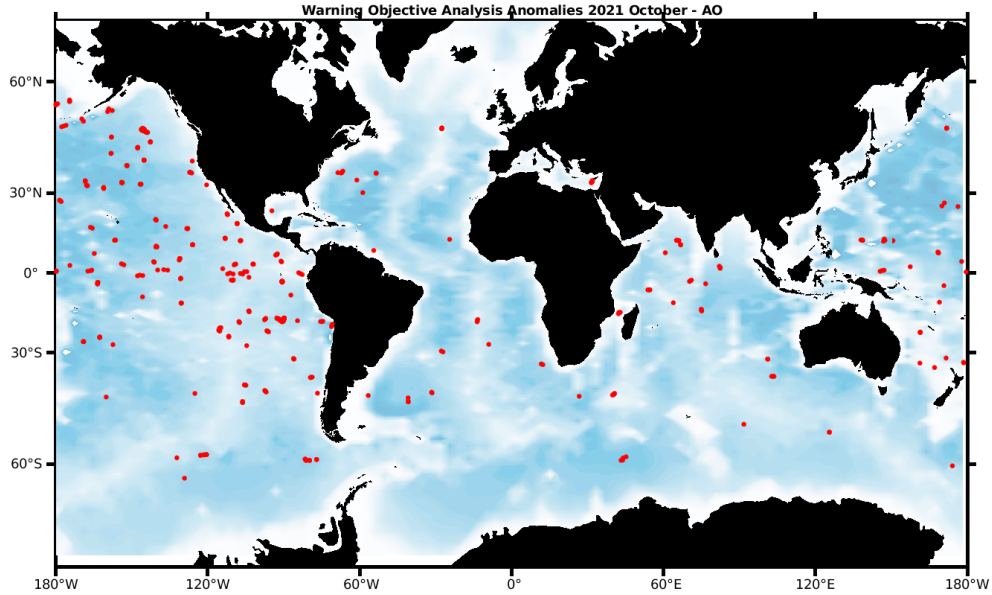


## 4. DAC Anomalies

### 4.1. DAC AOML

Profiles detected by the objective analysis: 367 profiles (142 floats but floats can have several cycles with anomalies)

Data_mode ='R'	Data_mode ='A'	Data_mode ='D'
49 cycles	307 cycles	11 cycles



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

**DM - Take care that some floats are shown with data mode D but the corrections can have been applied on R files before submission of the delayed mode. (see the csv messages on the ftp site for more information)**

**DM - Take care, some D files have a good correction on adjusted parameter (most of the time QC4 and Fill\_Value) but in real time, QC1 is always kept instead of QC3 or 4.**

#### Files data\_mode='R' / 'A'

Float : 1902057 - Cycle : 178 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : NAVIS\_A - WMO inst type : 863 - FLOAT SERIAL : 0707 - Date : 2021 10 2  
Float : 1902057 - Cycle : 179 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : NAVIS\_A - WMO inst type : 863 - FLOAT SERIAL : 0707 - Date : 2021 10 12  
Float : 1902057 - Cycle : 180 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : NAVIS\_A - WMO inst type : 863 - FLOAT SERIAL : 0707 - Date : 2021 10 22  
Float : 1902198 - Cycle : 120 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : NAVIS\_A - WMO inst type : 863 - FLOAT SERIAL : 0856 - Date : 2021 10 2  
Float : 1902198 - Cycle : 121 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : NAVIS\_A - WMO inst type : 863 - FLOAT SERIAL : 0856 - Date : 2021 10 12  
Float : 1902198 - Cycle : 122 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : NAVIS\_A - WMO inst type : 863 - FLOAT SERIAL : 0856 - Date : 2021 10 22  
Float : 1902200 - Cycle : 92 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : NAVIS\_A - WMO inst type : 863 - FLOAT SERIAL : 0858 - Date : 2020 12 28  
Float : 1902200 - Cycle : 94 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : NAVIS\_A - WMO inst type : 863 - FLOAT SERIAL : 0858 - Date : 2021 1 17  
Float : 1902200 - Cycle : 97 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : NAVIS\_A - WMO inst type : 863 - FLOAT SERIAL : 0858 - Date : 2021 2 16  
Float : 1902200 - Cycle : 122 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : NAVIS\_A - WMO inst type : 863 - FLOAT SERIAL : 0858 - Date : 2021 10 24  
Float : 1902201 - Cycle : 120 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : NAVIS\_A - WMO inst type : 863 - FLOAT SERIAL : 0860 - Date : 2021 10 6  
Float : 1902201 - Cycle : 121 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : NAVIS\_A - WMO inst type : 863 - FLOAT SERIAL : 0860 - Date : 2021 10 16  
Float : 1902201 - Cycle : 122 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : NAVIS\_A - WMO inst type : 863 - FLOAT SERIAL : 0860 - Date : 2021 10 26  
Float : 2900095 - Cycle : 200 - PI : CHARLIE HORTON - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 816 - Date : 2005 10 1  
Float : 2900095 - Cycle : 201 - PI : CHARLIE HORTON - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 816 - Date : 2005 10 6  
Float : 2900095 - Cycle : 203 - PI : CHARLIE HORTON - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 816 - Date : 2005 10 16  
Float : 2900095 - Cycle : 204 - PI : CHARLIE HORTON - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 816 - Date : 2005 10 21  
Float : 2902392 - Cycle : 224 - PI : BRECK OWENS, STEVEN JAYNE, P.E. ROBBINS - Data mode : R - Platform type : S2A - WMO inst type : 854 - FLOAT SERIAL : 7332 - Date : 2021 10 20  
Float : 3901179 - Cycle : 268 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : NAVIS\_A - WMO inst type : 863 - FLOAT SERIAL : 0316 - Date : 2021 10 12  
Float : 3901179 - Cycle : 269 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : NAVIS\_A - WMO inst type : 863 - FLOAT SERIAL : 0316 - Date : 2021 10 22  
Float : 3901187 - Cycle : 276 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : NAVIS\_A - WMO inst type : 863 - FLOAT SERIAL : 0300 - Date : 2021 10 6  
Float : 3901187 - Cycle : 277 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : NAVIS\_A - WMO inst type : 863 - FLOAT SERIAL : 0300 - Date : 2021 10 16  
Float : 3901187 - Cycle : 278 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : NAVIS\_A - WMO inst type : 863 - FLOAT SERIAL : 0300 - Date : 2021 10 26  
Float : 3901191 - Cycle : 237 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : NAVIS\_A - WMO inst type : 863 - FLOAT SERIAL : 0426 - Date : 2021 10 10  
Float : 3901199 - Cycle : 231 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : NAVIS\_A - WMO inst type : 863 - FLOAT SERIAL : 0478 - Date : 2021 10 7  
Float : 3901199 - Cycle : 232 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : NAVIS\_A - WMO inst type : 863 - FLOAT SERIAL : 0478 - Date : 2021 10 17  
Float : 3901199 - Cycle : 233 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : NAVIS\_A - WMO inst type : 863 - FLOAT SERIAL : 0478 - Date : 2021 10 27  
Float : 3901202 - Cycle : 206 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : NAVIS\_A - WMO inst type : 863 - FLOAT SERIAL : 0558 - Date : 2021 10 21  
Float : 3901203 - Cycle : 203 - PI : GREGORY C. JOHNSON - Data mode : A - Platform type : NAVIS\_A - WMO inst type : 863 - FLOAT SERIAL : 0559 - Date : 2021 10 6  
Float : 3901223 - Cycle : 226 - PI : BRECK OWENS, STEVEN JAYNE, P.E. ROBBINS - Data mode : R - Platform type : S2A - WMO inst type : 854 - FLOAT SERIAL : 7309 - Date : 2021 9 24  
Float : 3901224 - Cycle : 226 - PI : BRECK OWENS, STEVEN JAYNE, P.E. ROBBINS - Data mode : R - Platform type : S2A - WMO inst type : 854 - FLOAT SERIAL : 7310 - Date : 2021 9 20





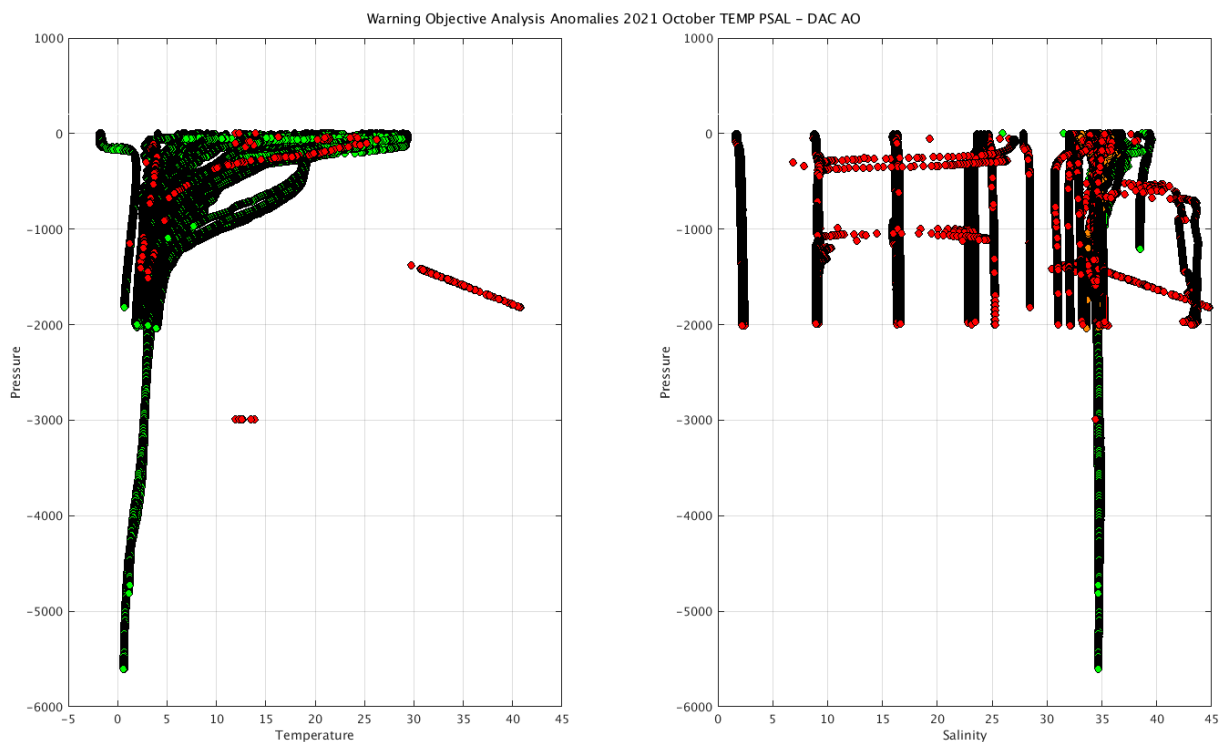




Float : 5906696 - Cycle : 3 - PI : DEAN ROEMMICH, SARAH PURKEY, NATHALIE ZILBERMAN, JOHN GILSON - Data mode : R - Platform type : SOLO\_II - WMO inst type : 853 - FLOAT SERIAL : 8935 - Date : 2021 9 28  
 Float : 5906696 - Cycle : 4 - PI : DEAN ROEMMICH, SARAH PURKEY, NATHALIE ZILBERMAN, JOHN GILSON - Data mode : R - Platform type : SOLO\_II - WMO inst type : 853 - FLOAT SERIAL : 8935 - Date : 2021 9 29  
 Float : 5906696 - Cycle : 5 - PI : DEAN ROEMMICH, SARAH PURKEY, NATHALIE ZILBERMAN, JOHN GILSON - Data mode : R - Platform type : SOLO\_II - WMO inst type : 853 - FLOAT SERIAL : 8935 - Date : 2021 10 9  
 Float : 5906696 - Cycle : 6 - PI : DEAN ROEMMICH, SARAH PURKEY, NATHALIE ZILBERMAN, JOHN GILSON - Data mode : R - Platform type : SOLO\_II - WMO inst type : 853 - FLOAT SERIAL : 8935 - Date : 2021 10 18  
 Float : 6900101 - Cycle : 118 - PI : CHARLIE HORTON - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 1505 - Date : 2005 9 27  
 Float : 6900101 - Cycle : 120 - PI : CHARLIE HORTON - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 1505 - Date : 2005 10 2  
 Float : 6900101 - Cycle : 122 - PI : CHARLIE HORTON - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 1505 - Date : 2005 10 7  
 Float : 6900101 - Cycle : 124 - PI : CHARLIE HORTON - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 1505 - Date : 2005 10 12  
 Float : 6900101 - Cycle : 126 - PI : CHARLIE HORTON - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 1505 - Date : 2005 10 17  
 Float : 6900101 - Cycle : 128 - PI : CHARLIE HORTON - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 1505 - Date : 2005 10 22  
 Float : 7900302 - Cycle : 252 - PI : DEAN ROEMMICH - Data mode : A - Platform type : SOLO\_II - WMO inst type : 853 - FLOAT SERIAL : 8362 - Date : 2021 9 26  
 Float : 7900794 - Cycle : 102 - PI : DEAN ROEMMICH - Data mode : R - Platform type : SOLO\_II - WMO inst type : 853 - FLOAT SERIAL : 8758 - Date : 2021 10 11

**Files data\_mode='D' [in red corrections concern only raw data, all of the adjusted data is qc='4'. These files are pretty old and the old standard was to leave the raw qc values as designated during real time processing and just modify the adjusted flags during DMQC]**

Float : 1900201 - Cycle : 86 - PI : BRECK OWENS - Data mode : D - Platform type : SOLO\_W - WMO inst type : 852 - FLOAT SERIAL : SL200 - Date : 2005 9 24  
 Float : 1900203 - Cycle : 86 - PI : BRECK OWENS - Data mode : D - Platform type : SOLO\_W - WMO inst type : 852 - FLOAT SERIAL : SL199 - Date : 2005 9 24  
 Float : 1900203 - Cycle : 88 - PI : BRECK OWENS - Data mode : D - Platform type : SOLO\_W - WMO inst type : 852 - FLOAT SERIAL : SL199 - Date : 2005 10 14  
 Float : 3902144 - Cycle : 83 - PI : BRECK OWENS, STEVEN JAYNE, P.E. ROBBINS - Data mode : D - Platform type : S2A - WMO inst type : 854 - FLOAT SERIAL : 7524 - Date : 2021 6 15  
 Float : 5905096 - Cycle : 164 - PI : STEPHEN RISER, - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7647 - Date : 2021 10 2  
 Float : 5905096 - Cycle : 165 - PI : STEPHEN RISER, - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7647 - Date : 2021 10 12  
 Float : 5905096 - Cycle : 166 - PI : STEPHEN RISER, - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7647 - Date : 2021 10 22  
 Float : 5905098 - Cycle : 164 - PI : STEPHEN RISER, - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7649 - Date : 2021 10 2  
 Float : 5905098 - Cycle : 165 - PI : STEPHEN RISER, - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7649 - Date : 2021 10 12  
 Float : 5905098 - Cycle : 166 - PI : STEPHEN RISER, - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7649 - Date : 2021 10 22  
 Float : 5905136 - Cycle : 12 - PI : STEPHEN RISER, - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7892 - Date : 2018 1 7



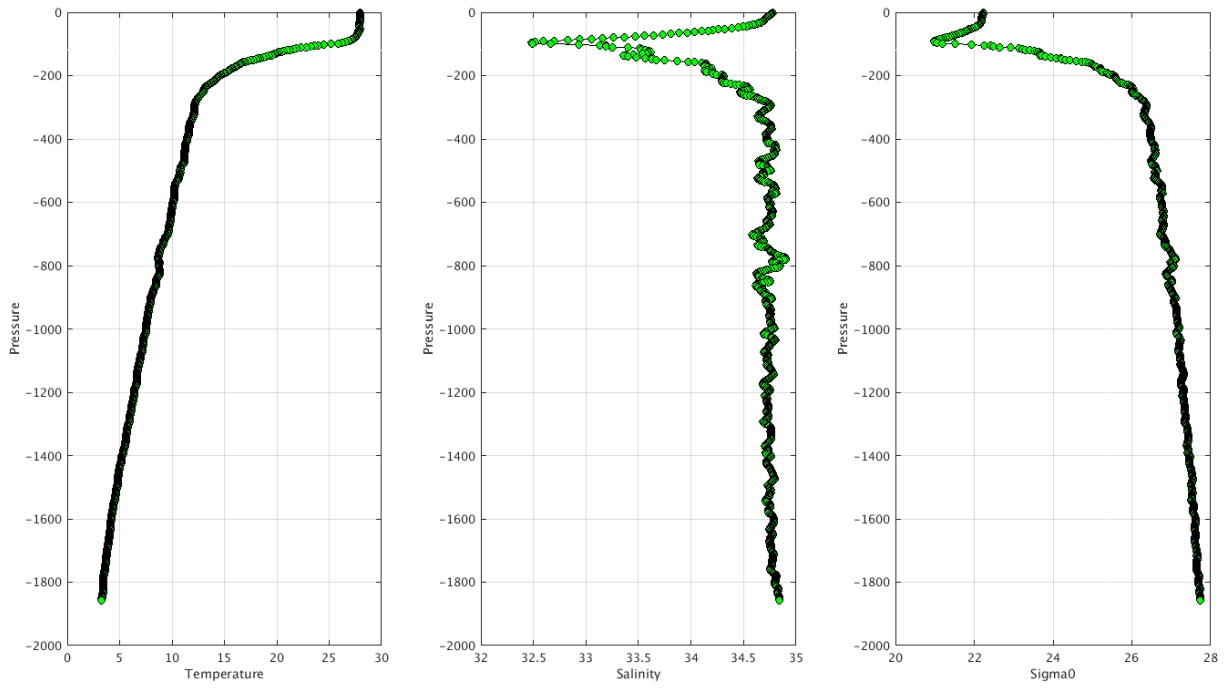
Plot for the 150 first profiles.

The list of the anomalies can be found at <https://data-argo.ifremer.fr/etc/ObjectiveAnalysisWarning/aoml/>

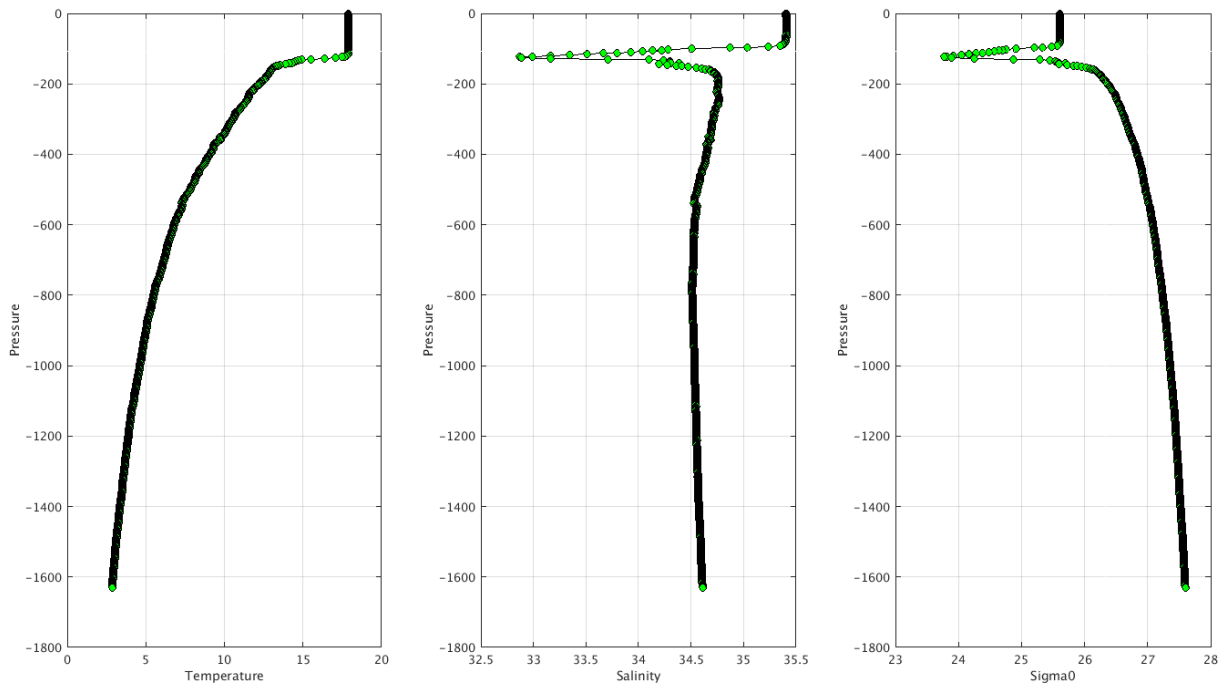
**Example of anomalies:**



Warning Objective Analysis Anomalies 2021 October TEMP PSAL : DAC AO- Float 2902392 - 224



Warning Objective Analysis Anomalies 2021 October TEMP PSAL : DAC AO- Float 3901810 - 179



**Delayed Mode anomalies (adjusted fields) – date mode = 'D'**

- Error on practical salinity adjusted error :

PI\_name = GREGORY C. JOHNSON - Float 4900812 cycle 9 strange values on PSAL\_ADJUSTED\_ERROR

PSAL\_ADJUSTED\_ERROR =

957109.750, 958123.688, 980430.125, 1007920.750, 1010353.875, 1017708.312, 1023617.375, 1025777.875, 1028215.812, 1027735.562, 1027554.250, .....

PI\_name = GREGORY C. JOHNSON - **Float 4903172 cycle 7 to cycle 46**

For instance cycle 7 PSAL\_ADJUSTED\_ERROR = 1266694.875, 1266783.750, 1266694.625, 1266685.500, 1266678.875, ....

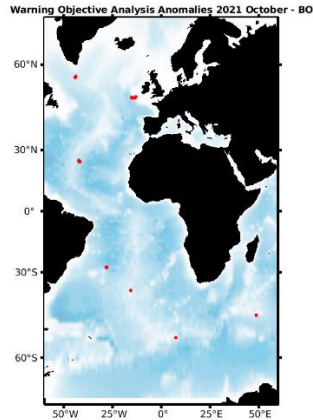
PI\_name = CARL SZCZECOWSKI - **Float 6900376 cycle 44 to cycle 92 – cycle 98 to 128 – cycle 131 to 135**

For instance cycle 92 PSAL\_ADJUSTED\_ERROR = 2011706.750, 2010896.625, 2012649.000, 2023217.000,

4.2. DAC BODC

Profiles detected by the objective analysis: 14 profiles (7 floats but floats can have several cycles with anomalies)

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



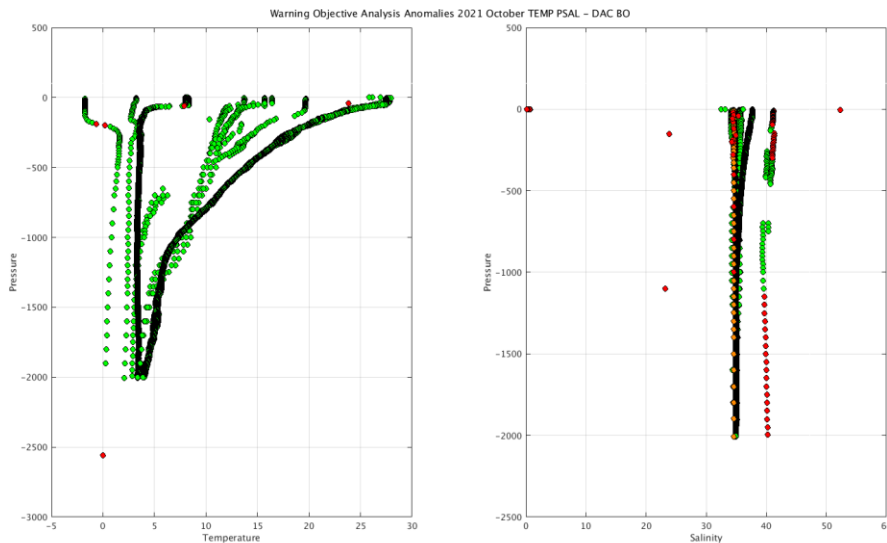
**Status of corrections: Correction in progress, regular feedback.**

**Files data\_mode='R' / 'A'**

- Float : 3901534 - Cycle : 165 - PI : Jon Turton - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7592 - Date : 2021 10 5
- Float : 3901551 - Cycle : 105 - PI : Jon Turton - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 8065 - Date : 2021 9 17
- Float : 3902400 - Cycle : 70 - PI : Jon Turton - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 8577 - Date : 2021 10 17
- Float : 3902400 - Cycle : 71 - PI : Jon Turton - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 8577 - Date : 2021 10 27
- Float : 6901191 - Cycle : 201 - PI : Brian King - Data mode : A - Platform type : APEX - WMO inst type : 877 - FLOAT SERIAL : 7626 - Date : 2021 10 6
- Float : 6901191 - Cycle : 202 - PI : Brian King - Data mode : A - Platform type : APEX - WMO inst type : 877 - FLOAT SERIAL : 7626 - Date : 2021 10 16
- Float : 6901926 - Cycle : 200 - PI : Diarmuid O'Conchubhair - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7842 - Date : 2021 9 29
- Float : 6901926 - Cycle : 201 - PI : Diarmuid O'Conchubhair - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7842 - Date : 2021 10 7
- Float : 6901926 - Cycle : 202 - PI : Diarmuid O'Conchubhair - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7842 - Date : 2021 10 15
- Float : 6901926 - Cycle : 203 - PI : Diarmuid O'Conchubhair - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7842 - Date : 2021 10 23
- Float : 6903753 - Cycle : 30 - PI : Brian King - Data mode : A - Platform type : APEX - WMO inst type : 877 - FLOAT SERIAL : 9137 - Date : 2021 9 30
- Float : 6903753 - Cycle : 31 - PI : Brian King - Data mode : A - Platform type : APEX - WMO inst type : 877 - FLOAT SERIAL : 9137 - Date : 2021 10 9
- Float : 6903753 - Cycle : 32 - PI : Brian King - Data mode : A - Platform type : APEX - WMO inst type : 877 - FLOAT SERIAL : 9137 - Date : 2021 10 19

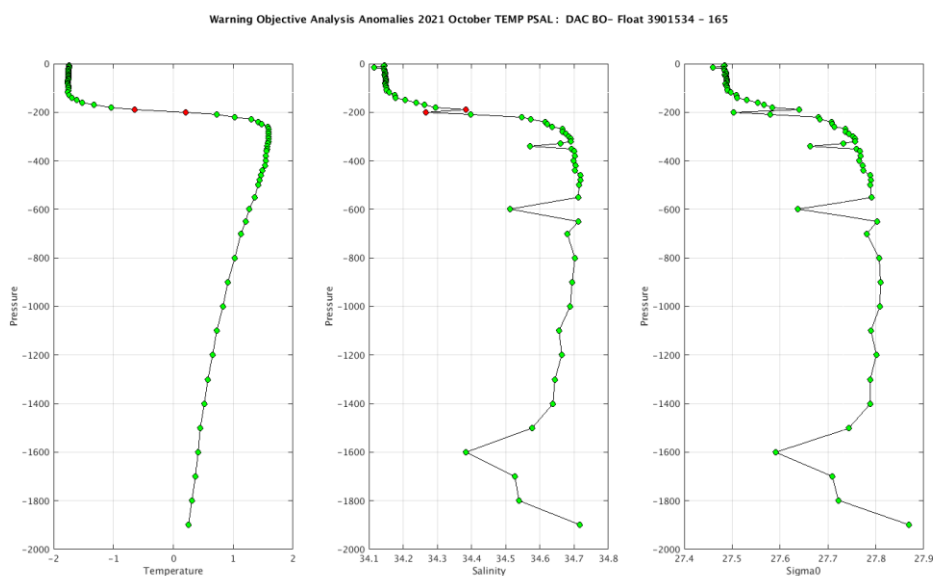
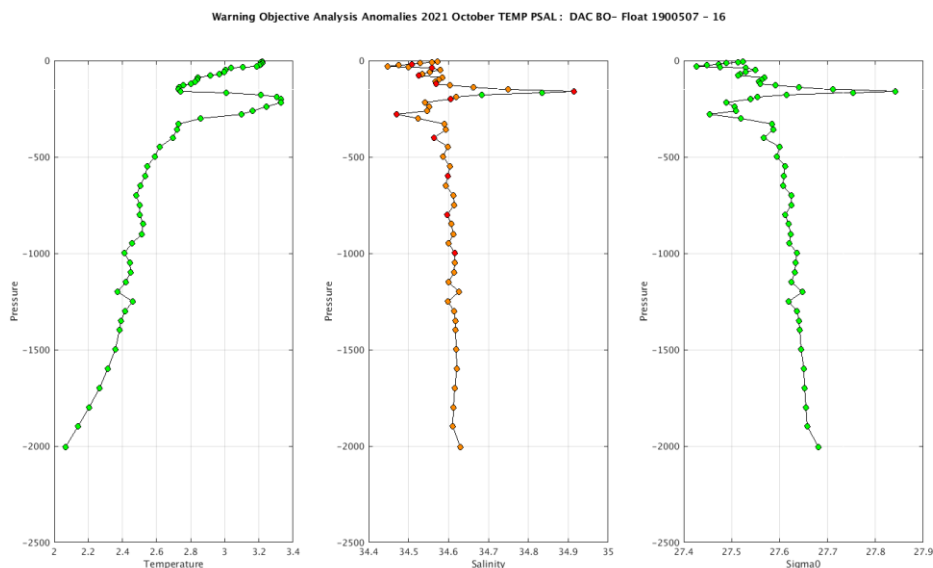
**Files data\_mode='D'**

- Float : 1900507 - Cycle : 16 - PI : Jon Turton - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 1925 - Date : 2005 9 25



The list of the anomalies can be found at <https://data-argo.ifremer.fr/etc/ObjectiveAnalysisWarning/bodc/>

Example of anomalies:



**Delayed Mode anomalies (adjusted fields) – date mode = 'D'**

- Mix between RT and DM files : Float 6901129 with strange PRES values (cycle 209 for instance)

```

PRES =
D6901129_219.nc      823.8,  nan,  nan,  nan,  nan,  nan,  nan,  nan,
D6901129_225.nc      nan,  nan,  nan,  nan,  nan,  nan,  nan,  nan,
D6901129_226.nc      nan,  nan,  nan,  nan,  nan,  nan,  nan,  nan,
R6901129_209.nc      nan,  nan,  nan,  nan,  nan,  nan,  nan,  nan,
R6901129_210.nc      nan,  nan,  nan,  nan,  nan,  nan,  nan,  nan,
R6901129_211.nc      nan,  nan,  nan,  nan,  nan,  nan,  nan,  nan,
R6901129_220.nc      nan,  nan,  nan,  nan,  nan,  nan,  nan,  nan,
R6901129_221.nc      nan,  nan,  nan,  nan,  nan,  nan,  nan,  nan,
R6901129_222.nc      nan,  nan,  nan,  nan,  nan,  nan,  nan,  nan,
R6901129_223.nc      nan,  nan,  nan,  nan,  nan,  nan,  nan,  nan,
R6901129_224.nc      nan,  nan,  nan,  nan,  nan,  nan,  nan,  nan,

```

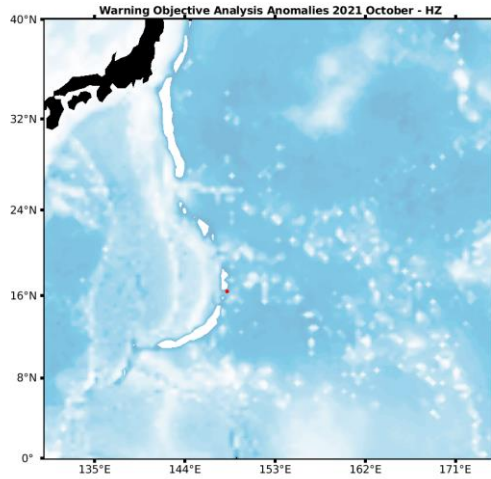
- Mix between RT and DM files: Float 6901181 ex below DM files till cycle 367 but a lot of old cycle in RT (1D, 2D, 3, 3D, 4, ....)

 <a href="#">D6901181_352.nc</a>	17-May-2019 16:39 243K
 <a href="#">D6901181_353.nc</a>	17-May-2019 16:39 255K
 <a href="#">D6901181_354.nc</a>	17-May-2019 16:39 256K
 <a href="#">D6901181_355.nc</a>	17-May-2019 16:39 278K
 <a href="#">D6901181_356.nc</a>	17-May-2019 16:39 238K
 <a href="#">D6901181_357.nc</a>	17-May-2019 16:39 237K
 <a href="#">D6901181_358.nc</a>	17-May-2019 16:39 244K
 <a href="#">D6901181_359.nc</a>	17-May-2019 16:39 303K
 <a href="#">D6901181_360.nc</a>	17-May-2019 16:39 260K
 <a href="#">D6901181_361.nc</a>	17-May-2019 16:39 252K
 <a href="#">D6901181_362.nc</a>	17-May-2019 16:39 250K
 <a href="#">D6901181_363.nc</a>	17-May-2019 16:39 259K
 <a href="#">D6901181_364.nc</a>	17-May-2019 16:39 230K
 <a href="#">D6901181_365.nc</a>	17-May-2019 16:39 257K
 <a href="#">D6901181_366.nc</a>	17-May-2019 16:39 230K
 <a href="#">D6901181_367.nc</a>	17-May-2019 16:39 240K
 <a href="#">R6901181_001D.nc</a>	06-Jun-2021 22:32 28K
 <a href="#">R6901181_002D.nc</a>	06-Jun-2021 22:32 94K
 <a href="#">R6901181_003.nc</a>	06-Jun-2021 22:32 87K
 <a href="#">R6901181_003D.nc</a>	06-Jun-2021 22:32 72K
 <a href="#">R6901181_004.nc</a>	06-Jun-2021 22:32 84K
 <a href="#">R6901181_004D.nc</a>	06-Jun-2021 22:32 98K
 <a href="#">R6901181_005D.nc</a>	06-Jun-2021 22:32 96K
 <a href="#">R6901181_006D.nc</a>	06-Jun-2021 22:32 267K
 <a href="#">R6901181_007D.nc</a>	06-Jun-2021 22:33 189K
 <a href="#">R6901181_008.nc</a>	06-Jun-2021 22:33 82K
 <a href="#">R6901181_008D.nc</a>	06-Jun-2021 22:33 122K
 <a href="#">R6901181_009D.nc</a>	06-Jun-2021 22:33 94K
 <a href="#">R6901181_010.nc</a>	06-Jun-2021 22:33 77K
 <a href="#">R6901181_010D.nc</a>	06-Jun-2021 22:33 325K
 <a href="#">R6901181_011.nc</a>	06-Jun-2021 22:33 91K
 <a href="#">R6901181_011D.nc</a>	06-Jun-2021 22:33 90K
 <a href="#">R6901181_012.nc</a>	06-Jun-2021 22:33 87K
 <a href="#">R6901181_012D.nc</a>	06-Jun-2021 22:33 111K
 <a href="#">R6901181_013D.nc</a>	06-Jun-2021 22:33 104K
 <a href="#">R6901181_014.nc</a>	06-Jun-2021 22:33 75K
 <a href="#">R6901181_014D.nc</a>	06-Jun-2021 22:33 123K
 <a href="#">R6901181_015D.nc</a>	06-Jun-2021 22:33 102K
 <a href="#">R6901181_016.nc</a>	06-Jun-2021 22:33 71K
 <a href="#">R6901181_016D.nc</a>	06-Jun-2021 22:33 156K

### 4.3. DAC CSIO

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

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

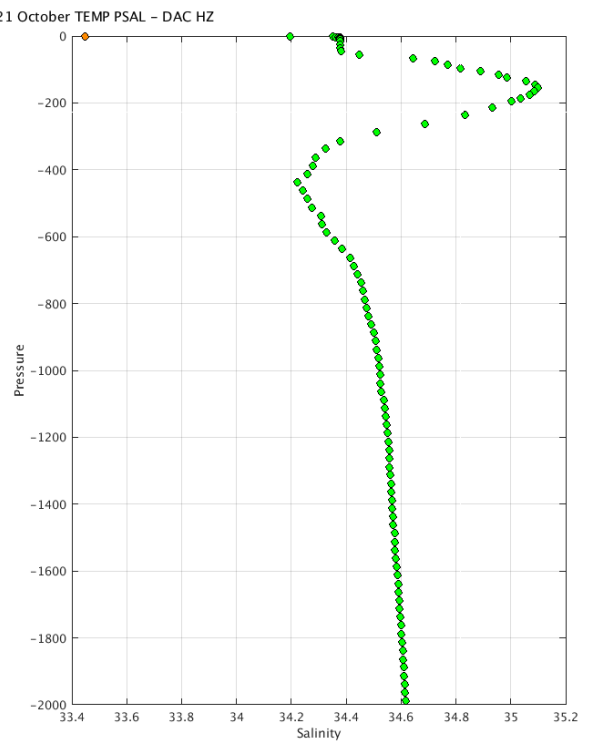
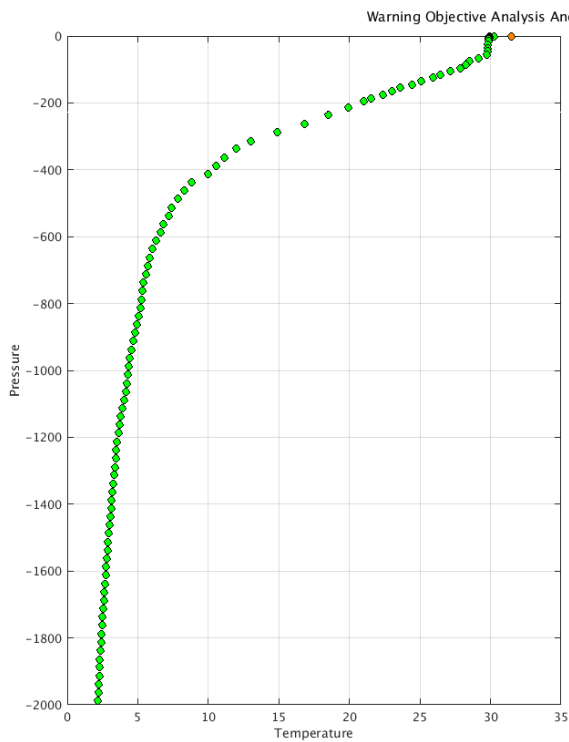


**Status of corrections:** No regular feedback, corrections not always done. Feedback for DM profiles.

**Files data\_mode='R' / 'A'**

Float : 2902821 - Cycle : 36 - PI : FENG ZHOU - Data mode : A - Platform type : PROVOR - WMO inst type : 841 - FLOAT SERIAL : P32800-20CH030 - Date : 2021 9 29

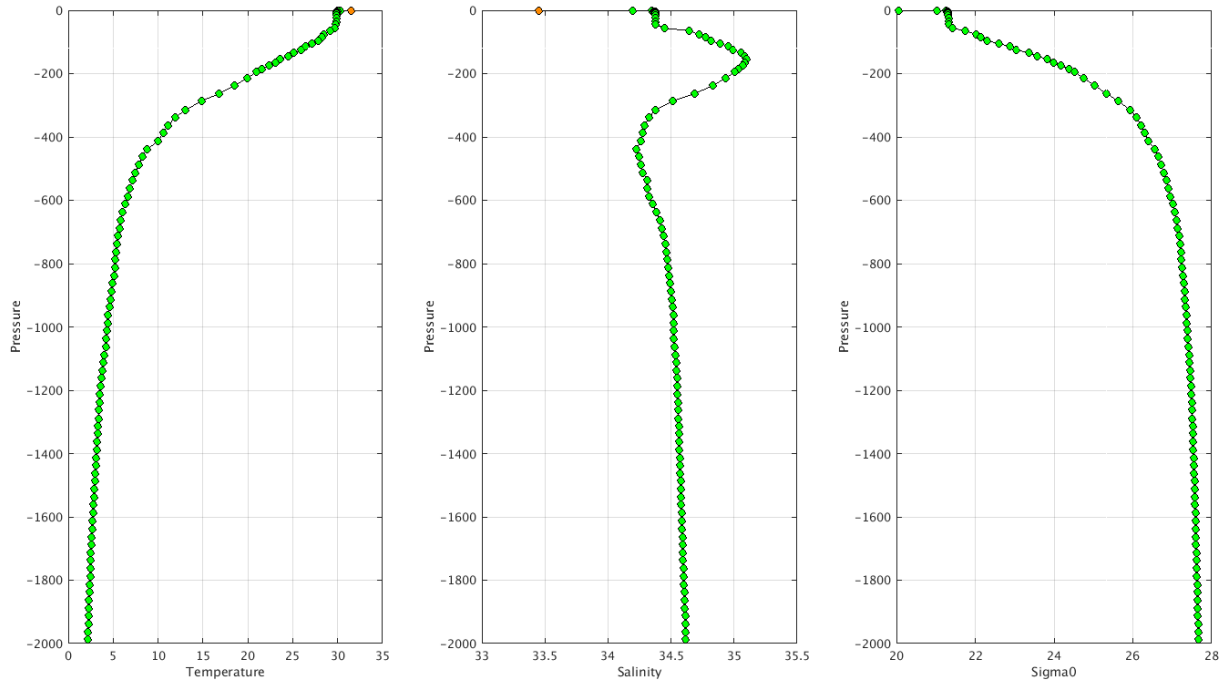
**Files data\_mode='D'**



The list of the anomalies can be found at <https://data-argo.ifremer.fr/etc/ObjectiveAnalysisWarning/csi/>

Example of anomalies:

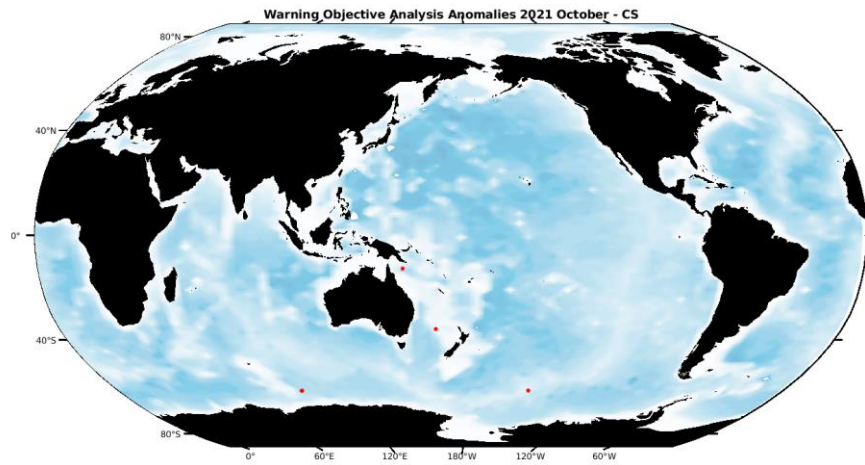
Warning Objective Analysis Anomalies 2021 October TEMP PSAL : DAC HZ- Float 2902821 - 36



#### 4.4. DAC CSIRO

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

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

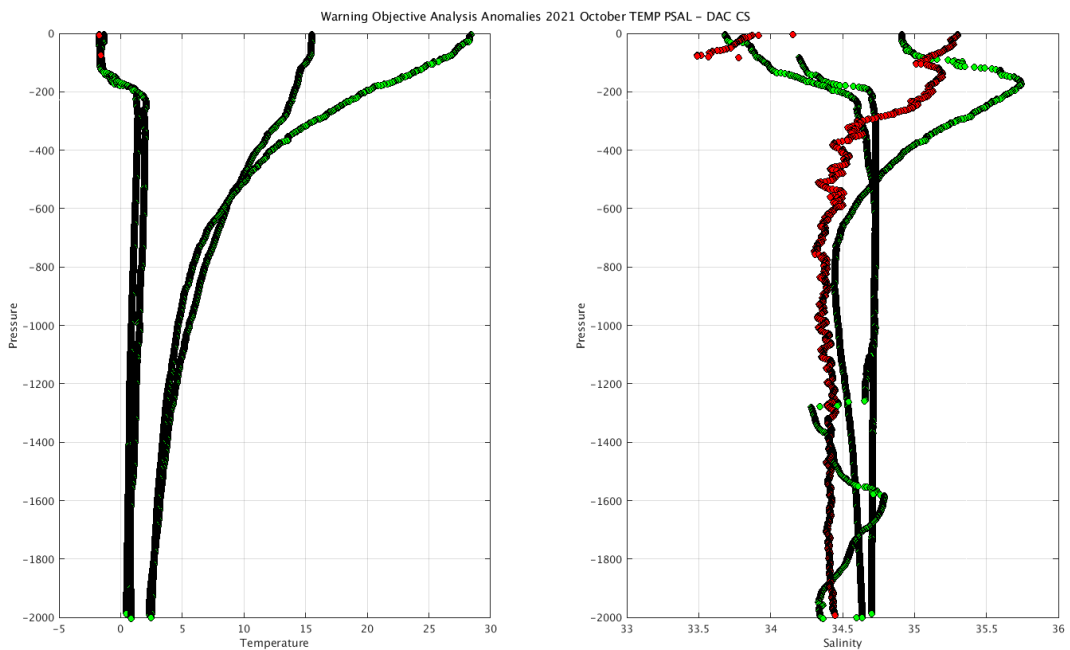


**Status of corrections:** Corrections done or in progress, regular feedback.

**Files data\_mode='R' / 'A'**

Float : 5905173 - Cycle : 186 - PI : Susan Wijffels - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7406 - Date : 2021 10 17  
 Float : 5905210 - Cycle : 146 - PI : Peter Oke - Data mode : A - Platform type : NAVIS\_EBR - WMO inst type : 869 - FLOAT SERIAL : 802 - Date : 2021 10 20  
 Float : 7900648 - Cycle : 66 - PI : Steve Rintoul - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 8433 - Date : 2021 10 22  
 Float : 7900920 - Cycle : 22 - PI : Peter Oke - Data mode : A - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 8850 - Date : 2021 10 8

**Files data\_mode='D'**

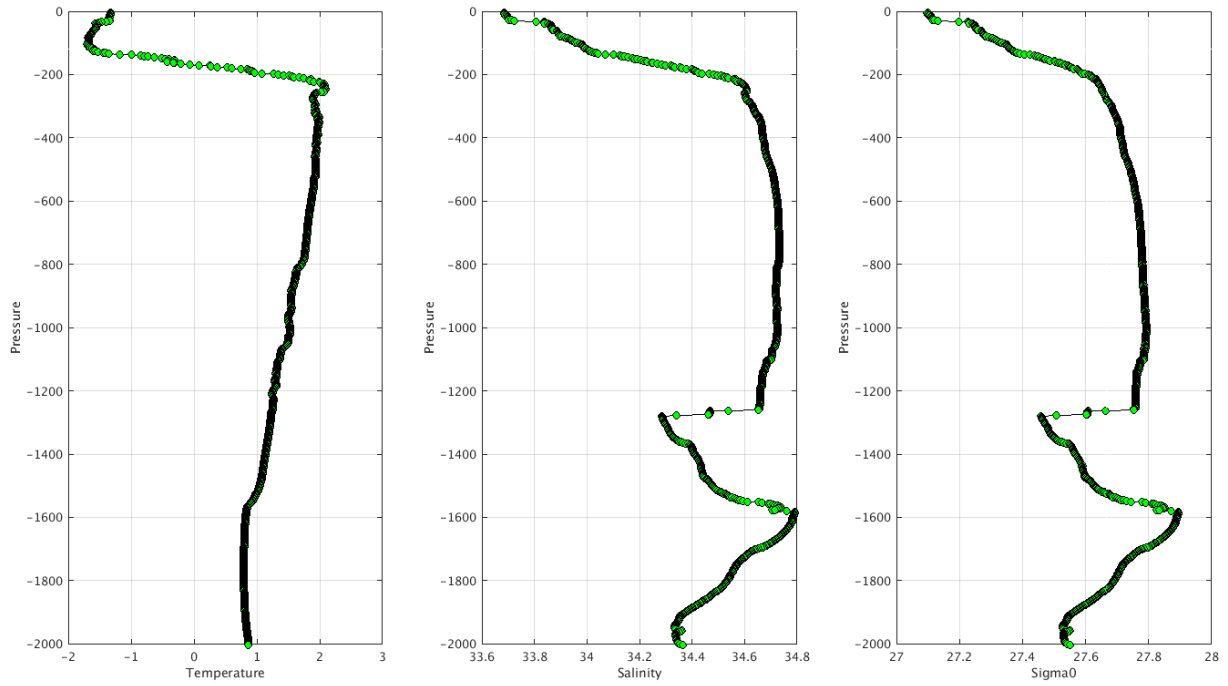




The list of the anomalies can be found at <https://data-argo.ifremer.fr/etc/ObjectiveAnalysisWarning/csiro/>

Example of anomalies:

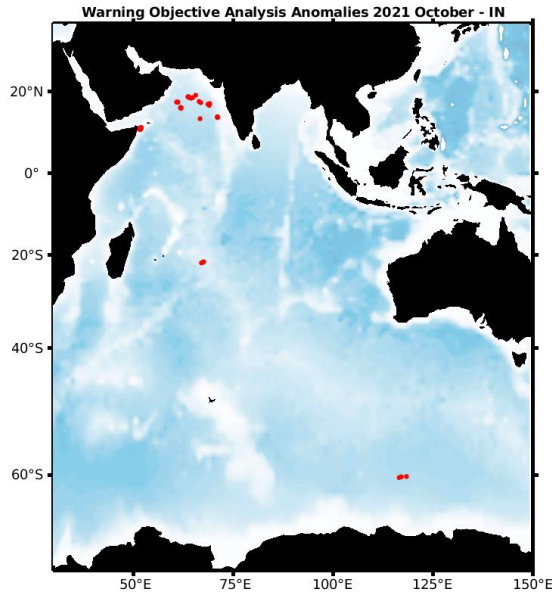
Warning Objective Analysis Anomalies 2021 October TEMP PSAL : DAC CS- Float 7900920 - 22



#### 4.5. DAC INCOIS

Profiles detected by the objective analysis: 34 profiles (10 floats but floats can have several cycles with anomalies)

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

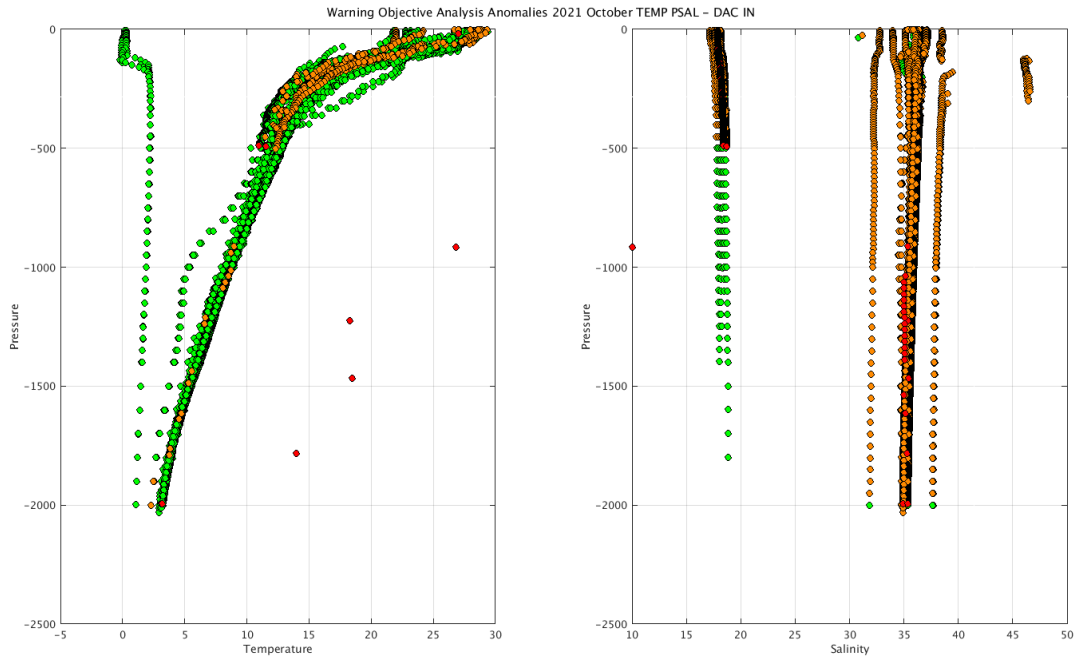


#### Status of corrections: Corrections done or in progress, some feedbacks

##### Files data\_mode='R'/'A'

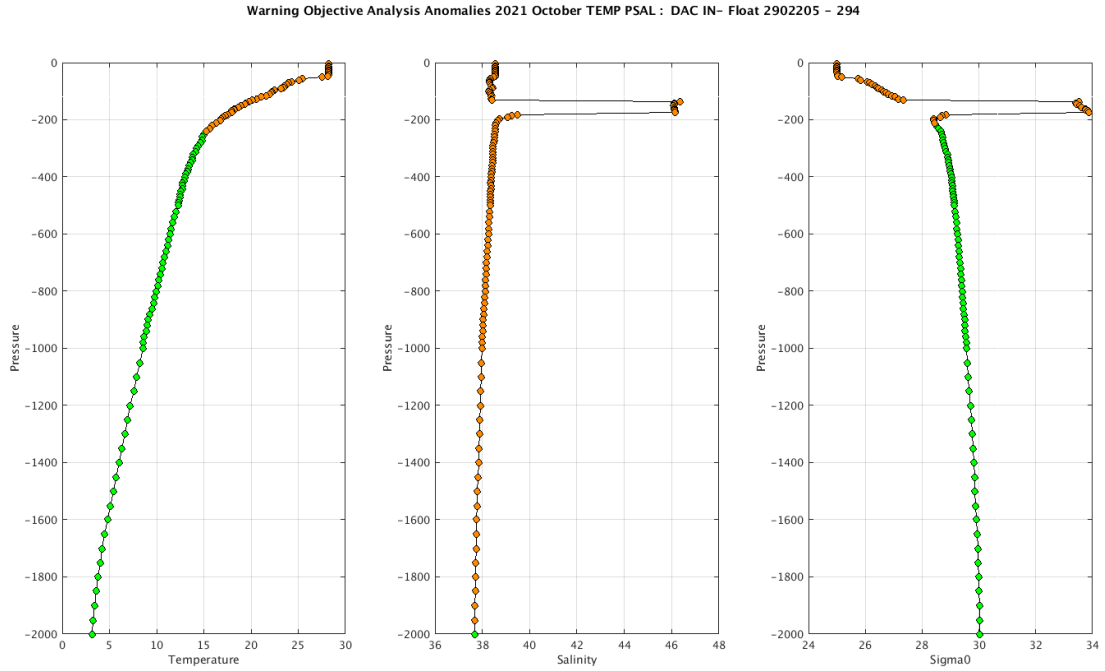
Float : 2902185 - Cycle : 218 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7530 - Date : 2021	10	5
Float : 2902185 - Cycle : 219 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7530 - Date : 2021	10	15
Float : 2902185 - Cycle : 220 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7530 - Date : 2021	10	25
Float : 2902199 - Cycle : 254 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7552 - Date : 2021	9	6
Float : 2902201 - Cycle : 204 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7542 - Date : 2021	9	27
Float : 2902201 - Cycle : 205 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7542 - Date : 2021	10	7
Float : 2902201 - Cycle : 206 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7542 - Date : 2021	10	17
Float : 2902205 - Cycle : 294 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7549 - Date : 2021	9	4
Float : 2902205 - Cycle : 296 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7549 - Date : 2021	9	24
Float : 2902205 - Cycle : 298 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7549 - Date : 2021	10	14
Float : 2902209 - Cycle : 184 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7826 - Date : 2021	8	30
Float : 2902209 - Cycle : 185 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7826 - Date : 2021	9	8
Float : 2902209 - Cycle : 186 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7826 - Date : 2021	9	18
Float : 2902209 - Cycle : 187 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7826 - Date : 2021	9	28
Float : 2902209 - Cycle : 188 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7826 - Date : 2021	10	8
Float : 2902209 - Cycle : 189 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7826 - Date : 2021	10	18
Float : 2902209 - Cycle : 190 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7826 - Date : 2021	10	27
Float : 2902210 - Cycle : 233 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7828 - Date : 2021	9	24
Float : 2902210 - Cycle : 234 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7828 - Date : 2021	10	4
Float : 2902211 - Cycle : 218 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7827 - Date : 2021	9	3
Float : 2902211 - Cycle : 220 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7827 - Date : 2021	9	24
Float : 2902211 - Cycle : 221 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7827 - Date : 2021	10	4
Float : 2902211 - Cycle : 222 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7827 - Date : 2021	10	14
Float : 2902211 - Cycle : 223 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7827 - Date : 2021	10	24
Float : 2902222 - Cycle : 172 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7532 - Date : 2021	9	27
Float : 2902222 - Cycle : 173 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7532 - Date : 2021	10	7
Float : 2902222 - Cycle : 174 - PI : M Ravichandran - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 7532 - Date : 2021	10	17
Float : 2902261 - Cycle : 133 - PI : M Ravichandran - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 17114 - Date : 2021	9	28
Float : 2902261 - Cycle : 134 - PI : M Ravichandran - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 17114 - Date : 2021	10	8
Float : 2902261 - Cycle : 135 - PI : M Ravichandran - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 17114 - Date : 2021	10	18
Float : 2902268 - Cycle : 97 - PI : M Ravichandran - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 18004 - Date : 2021	9	18
Float : 2902268 - Cycle : 98 - PI : M Ravichandran - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 18004 - Date : 2021	9	28
Float : 2902268 - Cycle : 99 - PI : M Ravichandran - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 18004 - Date : 2021	10	8
Float : 2902268 - Cycle : 100 - PI : M Ravichandran - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 18004 - Date : 2021	10	18

##### Files data\_mode='D'



The list of the anomalies can be found at <https://data-argo.ifremer.fr/etc/ObjectiveAnalysisWarning/incois/>

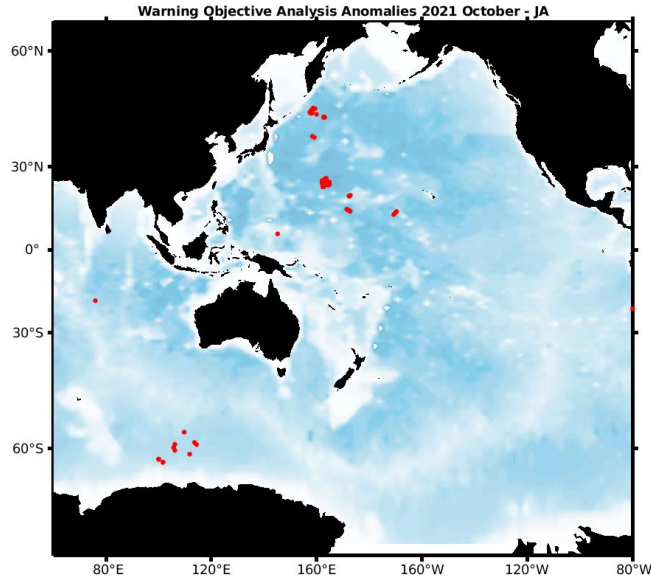
Example of anomalies:



#### 4.6. DAC JMA/JAMSTEC

Profiles detected by the objective analysis: 203 profiles (15 floats but floats can have several cycles with anomalies)

Data_mode ='R'	Data_mode ='A'	Data_mode ='D'
16 cycles	186 cycles	1 cycle



#### Status of corrections: Correction in progress, feedbacks each month

##### Files data\_mode='R'/'A'

Float : 1902333 - Cycle : 84 - PI : JAMSTEC - Data mode : A - Platform type : APEX\_D - WMO inst type : 849 - FLOAT SERIAL : 45 - Date : 2021 10 20  
 Float : 2903212 - Cycle : 1 - PI : JAMSTEC - Data mode : A - Platform type : APEX\_D - WMO inst type : 849 - FLOAT SERIAL : 29 - Date : 2017 12 1  
 Float : 2903212 - Cycle : 2 - PI : JAMSTEC - Data mode : A - Platform type : APEX\_D - WMO inst type : 849 - FLOAT SERIAL : 29 - Date : 2017 12 4  
 Float : 2903212 - Cycle : 3 - PI : JAMSTEC - Data mode : A - Platform type : APEX\_D - WMO inst type : 849 - FLOAT SERIAL : 29 - Date : 2017 12 7  
 Float : 2903212 - Cycle : 4 - PI : JAMSTEC - Data mode : A - Platform type : APEX\_D - WMO inst type : 849 - FLOAT SERIAL : 29 - Date : 2017 12 10  
 Float : 2903212 - Cycle : 5 - PI : JAMSTEC - Data mode : A - Platform type : APEX\_D - WMO inst type : 849 - FLOAT SERIAL : 29 - Date : 2017 12 13  
 Float : 2903212 - Cycle : 7 - PI : JAMSTEC - Data mode : A - Platform type : APEX\_D - WMO inst type : 849 - FLOAT SERIAL : 29 - Date : 2017 12 18  
 Float : 2903212 - Cycle : 9 - PI : JAMSTEC - Data mode : A - Platform type : APEX\_D - WMO inst type : 849 - FLOAT SERIAL : 29 - Date : 2017 12 24  
 Float : 2903212 - Cycle : 10 - PI : JAMSTEC - Data mode : A - Platform type : APEX\_D - WMO inst type : 849 - FLOAT SERIAL : 29 - Date : 2017 12 27  
 Float : 2903212 - Cycle : 11 - PI : JAMSTEC - Data mode : A - Platform type : APEX\_D - WMO inst type : 849 - FLOAT SERIAL : 29 - Date : 2017 12 31  
 Float : 2903212 - Cycle : 12 - PI : JAMSTEC - Data mode : A - Platform type : APEX\_D - WMO inst type : 849 - FLOAT SERIAL : 29 - Date : 2018 1 3  
 Float : 2903212 - Cycle : 13 - PI : JAMSTEC - Data mode : A - Platform type : APEX\_D - WMO inst type : 849 - FLOAT SERIAL : 29 - Date : 2018 1 6  
 Float : 2903212 - Cycle : 14 - PI : JAMSTEC - Data mode : A - Platform type : APEX\_D - WMO inst type : 849 - FLOAT SERIAL : 29 - Date : 2018 1 21  
 Float : 2903212 - Cycle : 15 - PI : JAMSTEC - Data mode : A - Platform type : APEX\_D - WMO inst type : 849 - FLOAT SERIAL : 29 - Date : 2018 2 5  
 Float : 2903212 - Cycle : 16 - PI : JAMSTEC - Data mode : A - Platform type : APEX\_D - WMO inst type : 849 - FLOAT SERIAL : 29 - Date : 2018 2 20  
 Float : 2903212 - Cycle : 17 - PI : JAMSTEC - Data mode : A - Platform type : APEX\_D - WMO inst type : 849 - FLOAT SERIAL : 29 - Date : 2018 3 7  
 Float : 2903212 - Cycle : 18 - PI : JAMSTEC - Data mode : A - Platform type : APEX\_D - WMO inst type : 849 - FLOAT SERIAL : 29 - Date : 2018 3 22  
 Float : 2903212 - Cycle : 19 - PI : JAMSTEC - Data mode : A - Platform type : APEX\_D - WMO inst type : 849 - FLOAT SERIAL : 29 - Date : 2018 4 5  
 Float : 2903212 - Cycle : 20 - PI : JAMSTEC - Data mode : A - Platform type : APEX\_D - WMO inst type : 849 - FLOAT SERIAL : 29 - Date : 2018 4 20  
 Float : 2903212 - Cycle : 21 - PI : JAMSTEC - Data mode : A - Platform type : APEX\_D - WMO inst type : 849 - FLOAT SERIAL : 29 - Date : 2018 5 5  
 Float : 2903212 - Cycle : 22 - PI : JAMSTEC - Data mode : A - Platform type : APEX\_D - WMO inst type : 849 - FLOAT SERIAL : 29 - Date : 2018 5 20  
 Float : 2903212 - Cycle : 23 - PI : JAMSTEC - Data mode : A - Platform type : APEX\_D - WMO inst type : 849 - FLOAT SERIAL : 29 - Date : 2018 6 4  
 Float : 2903212 - Cycle : 24 - PI : JAMSTEC - Data mode : A - Platform type : APEX\_D - WMO inst type : 849 - FLOAT SERIAL : 29 - Date : 2018 6 19  
 Float : 2903212 - Cycle : 25 - PI : JAMSTEC - Data mode : A - Platform type : APEX\_D - WMO inst type : 849 - FLOAT SERIAL : 29 - Date : 2018 7 4  
 Float : 2903212 - Cycle : 26 - PI : JAMSTEC - Data mode : A - Platform type : APEX\_D - WMO inst type : 849 - FLOAT SERIAL : 29 - Date : 2018 7 19  
 Float : 2903212 - Cycle : 27 - PI : JAMSTEC - Data mode : A - Platform type : APEX\_D - WMO inst type : 849 - FLOAT SERIAL : 29 - Date : 2018 8 3  
 Float : 2903212 - Cycle : 28 - PI : JAMSTEC - Data mode : A - Platform type : APEX\_D - WMO inst type : 849 - FLOAT SERIAL : 29 - Date : 2018 8 18  
 Float : 2903212 - Cycle : 29 - PI : JAMSTEC - Data mode : A - Platform type : APEX\_D - WMO inst type : 849 - FLOAT SERIAL : 29 - Date : 2018 9 2  
 Float : 2903212 - Cycle : 30 - PI : JAMSTEC - Data mode : A - Platform type : APEX\_D - WMO inst type : 849 - FLOAT SERIAL : 29 - Date : 2018 9 17  
 Float : 2903212 - Cycle : 31 - PI : JAMSTEC - Data mode : A - Platform type : APEX\_D - WMO inst type : 849 - FLOAT SERIAL : 29 - Date : 2018 10 2  
 Float : 2903212 - Cycle : 32 - PI : JAMSTEC - Data mode : A - Platform type : APEX\_D - WMO inst type : 849 - FLOAT SERIAL : 29 - Date : 2018 10 17  
 Float : 2903212 - Cycle : 33 - PI : JAMSTEC - Data mode : A - Platform type : APEX\_D - WMO inst type : 849 - FLOAT SERIAL : 29 - Date : 2018 11 1  
 Float : 2903212 - Cycle : 34 - PI : JAMSTEC - Data mode : A - Platform type : APEX\_D - WMO inst type : 849 - FLOAT SERIAL : 29 - Date : 2018 11 16  
 Float : 2903212 - Cycle : 35 - PI : JAMSTEC - Data mode : A - Platform type : APEX\_D - WMO inst type : 849 - FLOAT SERIAL : 29 - Date : 2018 12 1  
 Float : 2903212 - Cycle : 36 - PI : JAMSTEC - Data mode : A - Platform type : APEX\_D - WMO inst type : 849 - FLOAT SERIAL : 29 - Date : 2018 12 16  
 Float : 2903212 - Cycle : 37 - PI : JAMSTEC - Data mode : A - Platform type : APEX\_D - WMO inst type : 849 - FLOAT SERIAL : 29 - Date : 2018 12 31

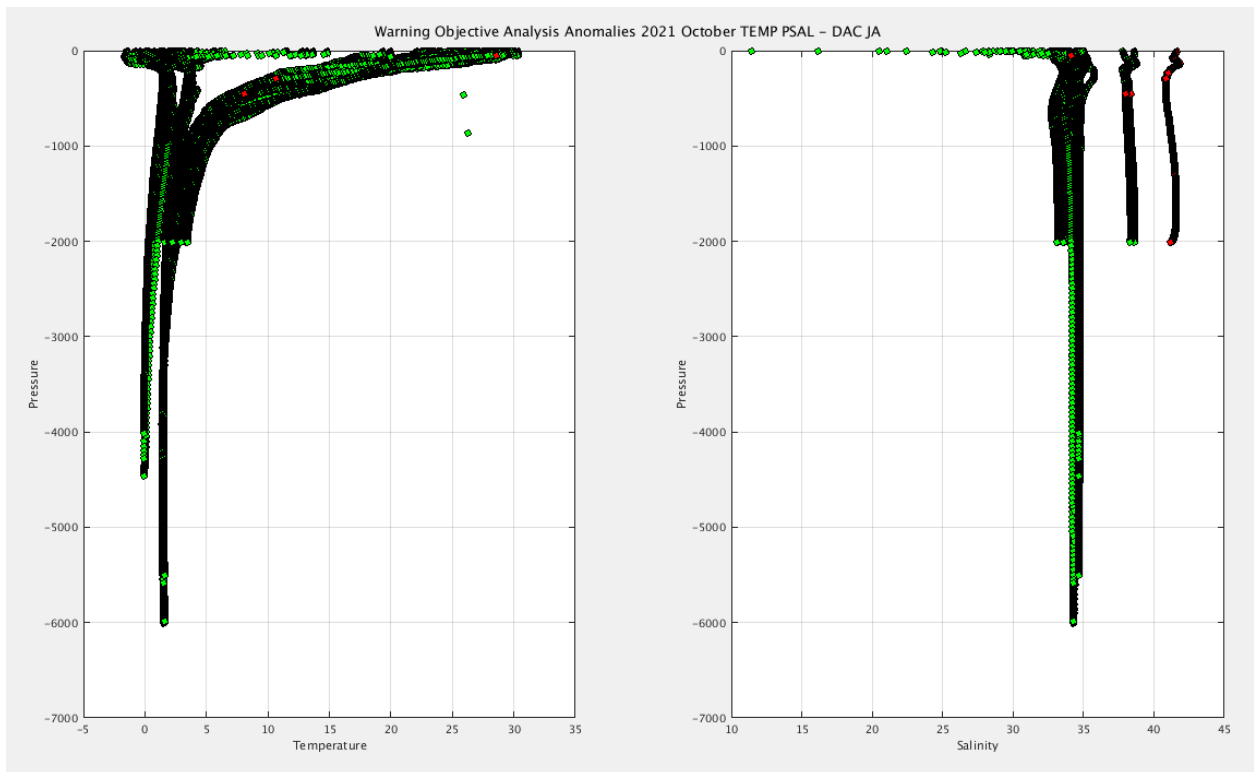




Float : 5905863 - Cycle : 79 - PI : JAMSTEC - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 8535 - Date : 2021 10 8  
 Float : 5905863 - Cycle : 80 - PI : JAMSTEC - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 8535 - Date : 2021 10 18  
 Float : 5905863 - Cycle : 81 - PI : JAMSTEC - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 8535 - Date : 2021 10 28  
 Float : 5905881 - Cycle : 51 - PI : JAMSTEC - Data mode : A - Platform type : APEX\_D - WMO inst type : 849 - FLOAT SERIAL : 34 - Date : 2020 12 3  
 Float : 5905881 - Cycle : 55 - PI : JAMSTEC - Data mode : A - Platform type : APEX\_D - WMO inst type : 849 - FLOAT SERIAL : 34 - Date : 2021 1 8  
 Float : 5906390 - Cycle : 23 - PI : JAMSTEC - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 8797 - Date : 2021 9 29  
 Float : 5906390 - Cycle : 24 - PI : JAMSTEC - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 8797 - Date : 2021 10 9  
 Float : 5906390 - Cycle : 25 - PI : JAMSTEC - Data mode : R - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 8797 - Date : 2021 10 19

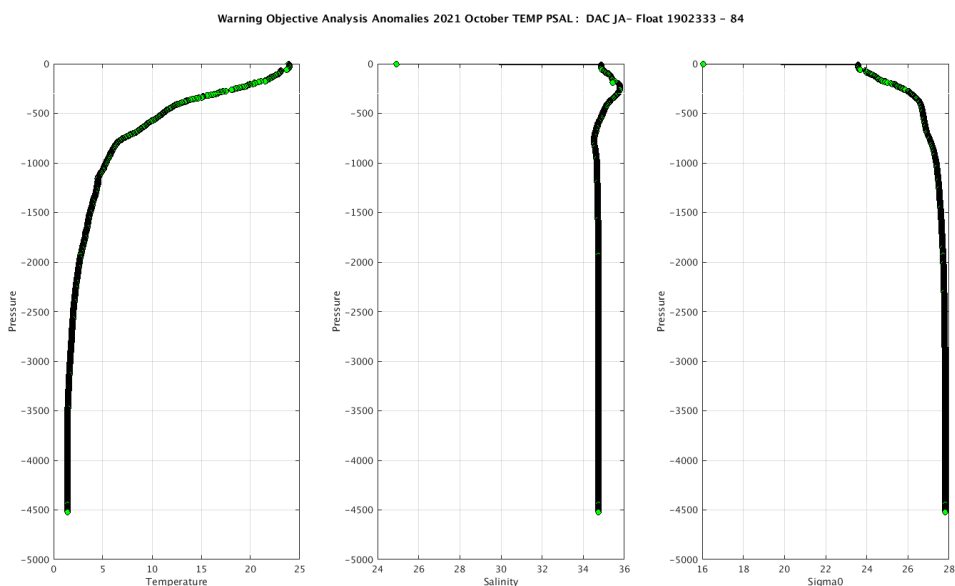
**Files data mode='D'**

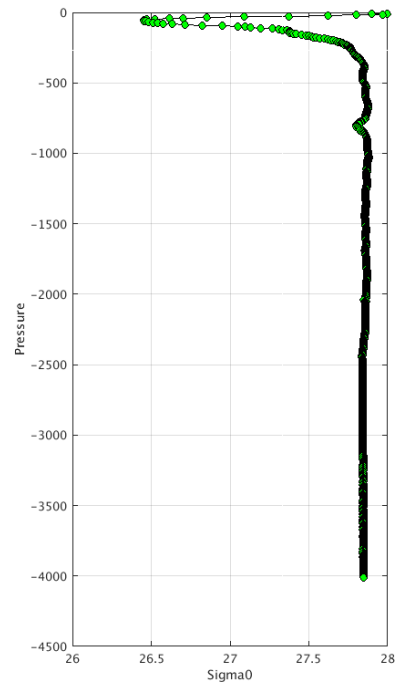
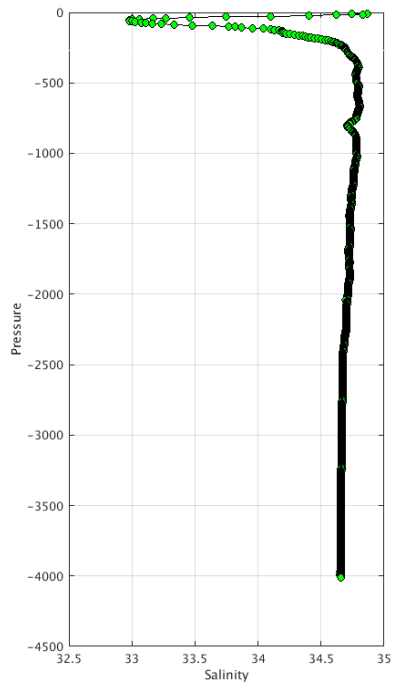
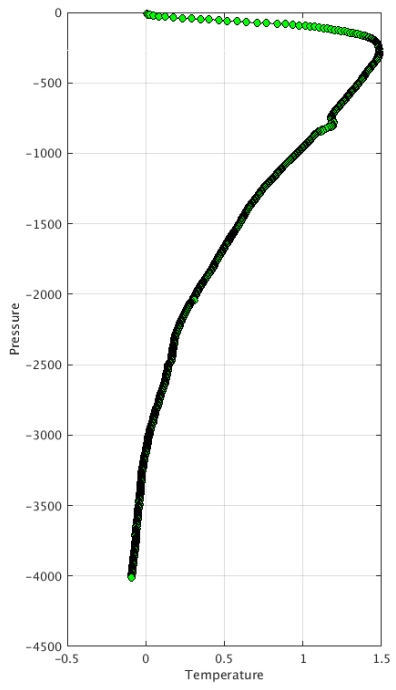
Float : 5900313 - Cycle : 95 - PI : JAMSTEC - Data mode : D - Platform type : APEX - WMO inst type : 846 - FLOAT SERIAL : 787 - Date : 2005 10 6



The list of the anomalies can be found at <https://data-argo.ifremer.fr/etc/ObjectiveAnalysisWarning/jma/>

**Example of anomalies:**



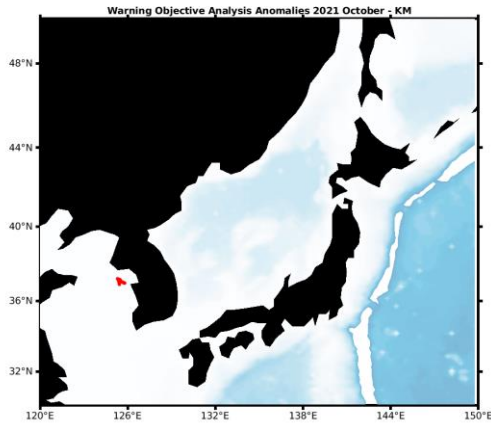




4.7. DAC KMA

Profiles detected by the objective analysis: 15 profiles (1 float – float can have several cycles with anomalies)

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

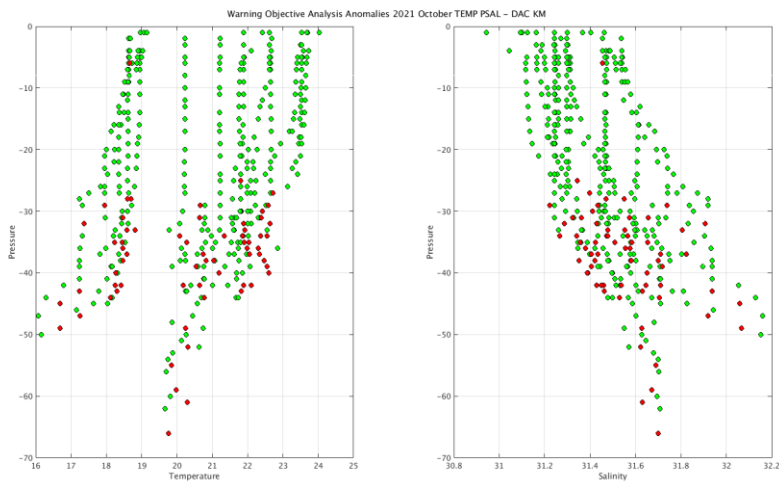


**Status of corrections: No feedback.**

Files data\_mode='R'/'A'

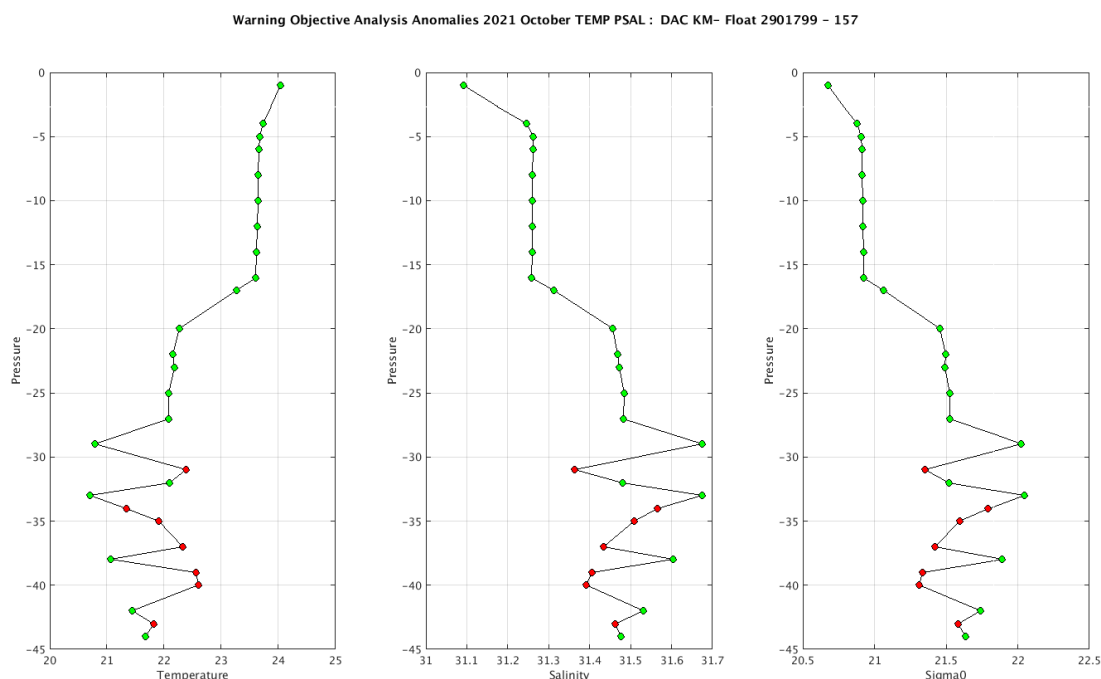
- Float : 2901799 - Cycle : 154 - PI : KiRyong Kang - Data mode : R - Platform type : ARVOR - WMO inst type : 846 - FLOAT SERIAL : n/a - Date : 2021 9 30
- Float : 2901799 - Cycle : 155 - PI : KiRyong Kang - Data mode : R - Platform type : ARVOR - WMO inst type : 846 - FLOAT SERIAL : n/a - Date : 2021 10 2
- Float : 2901799 - Cycle : 156 - PI : KiRyong Kang - Data mode : R - Platform type : ARVOR - WMO inst type : 846 - FLOAT SERIAL : n/a - Date : 2021 10 4
- Float : 2901799 - Cycle : 157 - PI : KiRyong Kang - Data mode : R - Platform type : ARVOR - WMO inst type : 846 - FLOAT SERIAL : n/a - Date : 2021 10 6
- Float : 2901799 - Cycle : 158 - PI : KiRyong Kang - Data mode : R - Platform type : ARVOR - WMO inst type : 846 - FLOAT SERIAL : n/a - Date : 2021 10 8
- Float : 2901799 - Cycle : 159 - PI : KiRyong Kang - Data mode : R - Platform type : ARVOR - WMO inst type : 846 - FLOAT SERIAL : n/a - Date : 2021 10 10
- Float : 2901799 - Cycle : 160 - PI : KiRyong Kang - Data mode : R - Platform type : ARVOR - WMO inst type : 846 - FLOAT SERIAL : n/a - Date : 2021 10 12
- Float : 2901799 - Cycle : 161 - PI : KiRyong Kang - Data mode : R - Platform type : ARVOR - WMO inst type : 846 - FLOAT SERIAL : n/a - Date : 2021 10 14
- Float : 2901799 - Cycle : 162 - PI : KiRyong Kang - Data mode : R - Platform type : ARVOR - WMO inst type : 846 - FLOAT SERIAL : n/a - Date : 2021 10 16
- Float : 2901799 - Cycle : 163 - PI : KiRyong Kang - Data mode : R - Platform type : ARVOR - WMO inst type : 846 - FLOAT SERIAL : n/a - Date : 2021 10 18
- Float : 2901799 - Cycle : 164 - PI : KiRyong Kang - Data mode : R - Platform type : ARVOR - WMO inst type : 846 - FLOAT SERIAL : n/a - Date : 2021 10 20
- Float : 2901799 - Cycle : 165 - PI : KiRyong Kang - Data mode : R - Platform type : ARVOR - WMO inst type : 846 - FLOAT SERIAL : n/a - Date : 2021 10 22
- Float : 2901799 - Cycle : 166 - PI : KiRyong Kang - Data mode : R - Platform type : ARVOR - WMO inst type : 846 - FLOAT SERIAL : n/a - Date : 2021 10 24
- Float : 2901799 - Cycle : 167 - PI : KiRyong Kang - Data mode : R - Platform type : ARVOR - WMO inst type : 846 - FLOAT SERIAL : n/a - Date : 2021 10 26
- Float : 2901799 - Cycle : 168 - PI : KiRyong Kang - Data mode : R - Platform type : ARVOR - WMO inst type : 846 - FLOAT SERIAL : n/a - Date : 2021 10 28

Files data\_mode='D'



The list of the anomalies can be found at <https://data-argo.ifremer.fr/etc/ObjectiveAnalysisWarning/kma/>

Example of anomalies:



**Delayed Mode anomalies (adjusted fields) – date mode = 'A' or 'D'**

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

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

- Mix of RT and DM files and strange values (Float\_wmo, Cycle, Data\_state\_indicator, Parameter, Value, QC)

ex float 2901233 cycle 53 : QC ok = 4 but take care can come form a problem of decoding

PSAL =

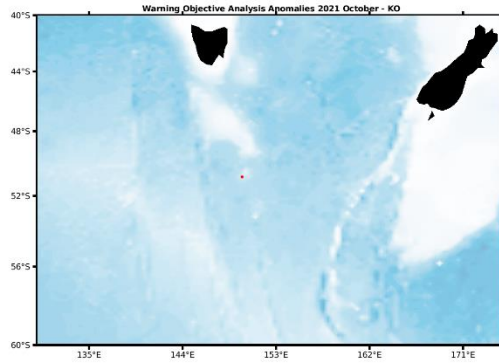
**-1073760.375**, 33.900, 33.876, 33.928, 33.964, 34.015,  
34.028, 34.027, 34.031, 34.033, 34.034, 34.029,

```
KM 2901233 53 2C 30 -1073760,375 4
KM 2901233 92 2C 30 -1073758,25 4
KM 2901233 128 2C 30 -1073758,75 4
KM 2901238 81 2C 30 -1073760,25 4
KM 2901702 67 2C 30 -1073746,625 4
KM 2901710 62 2C 30 -1073745,5 4
```

#### 4.8. DAC KORDI/KIOST

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

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

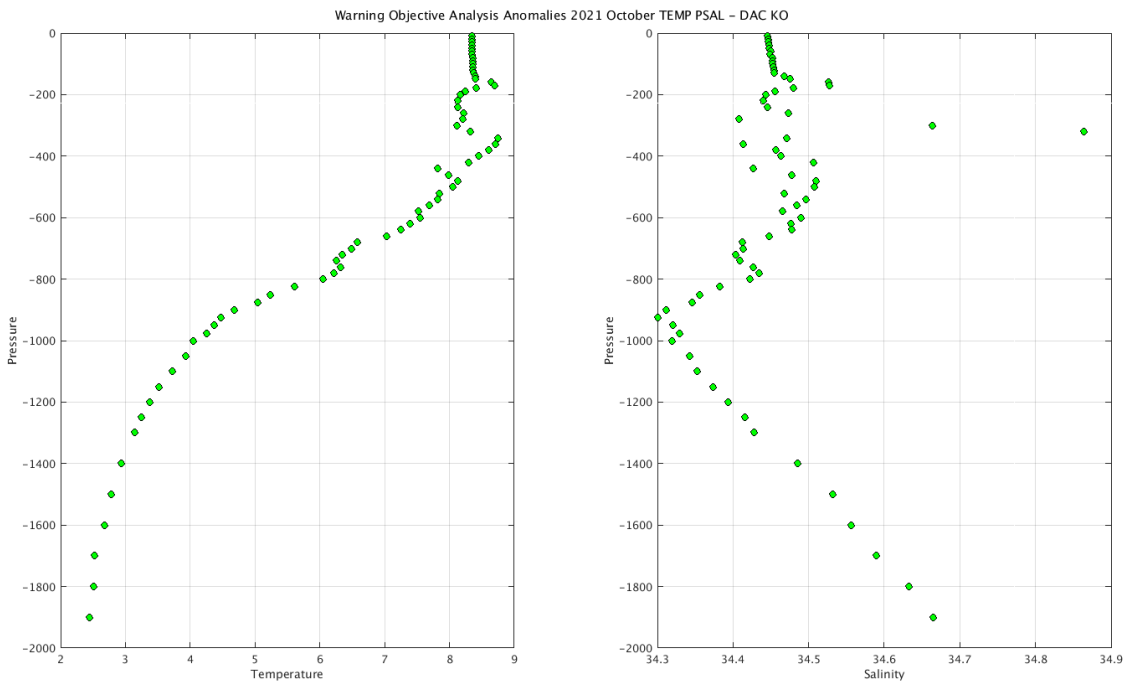


**Status of corrections: No feedback.**

**Files data\_mode='R'/'A'**

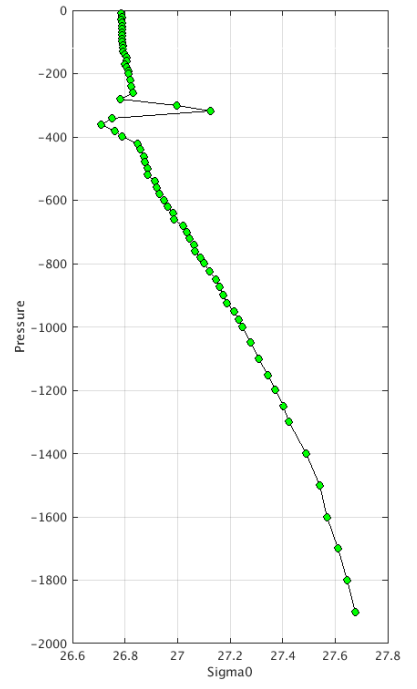
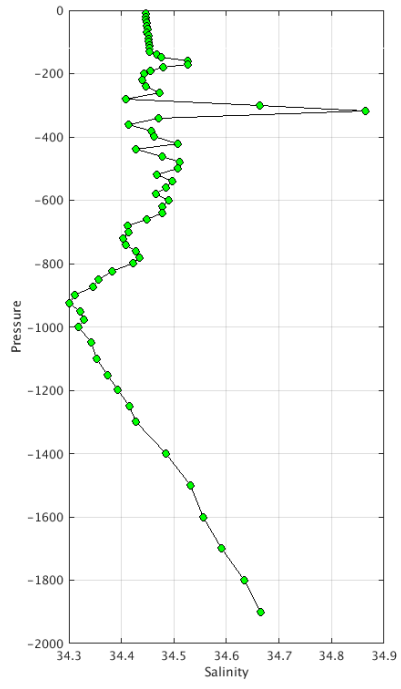
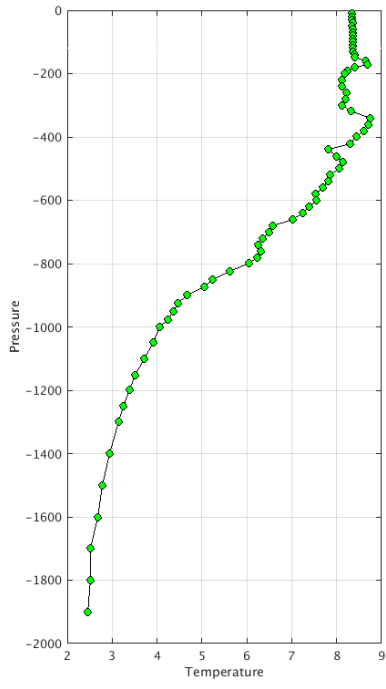
Float : 5900692 - Cycle : 36 - PI : Argo KORDI - Data mode : D - Platform type : PROVOR\_MT - WMO inst type : 841 - FLOAT SERIAL : MT-006 - Date : 2005 10 14

**Files data\_mode='D'**



The list of the anomalies can be found at <https://data-argo.ifremer.fr/etc/ObjectiveAnalysisWarning/kordi/>

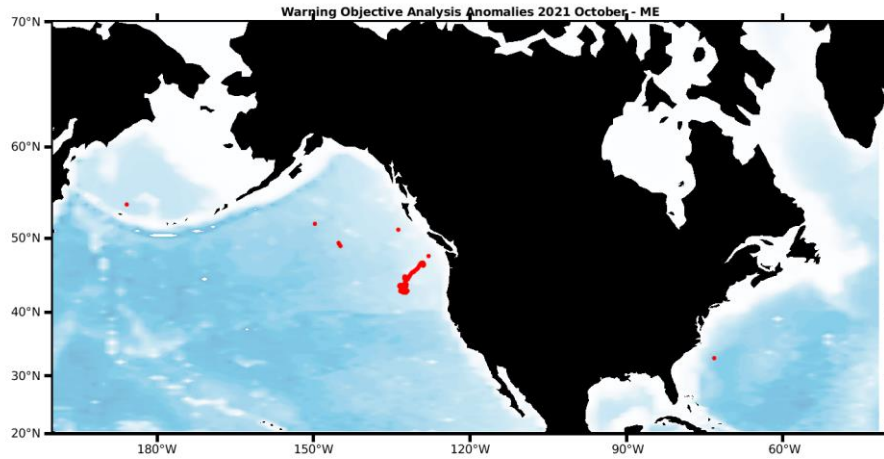
Example of anomalies:



#### 4.9. DAC MEDS

Profiles detected by the objective analysis: 176 profiles (8 floats but floats can have several cycles with anomalies)

Data_mode ='R'	Data_mode ='A'	Data_mode ='D'
2 cycles	5 cycles	169 cycles



**Status of corrections: In progress.**

##### Files data\_mode='R'/'A'

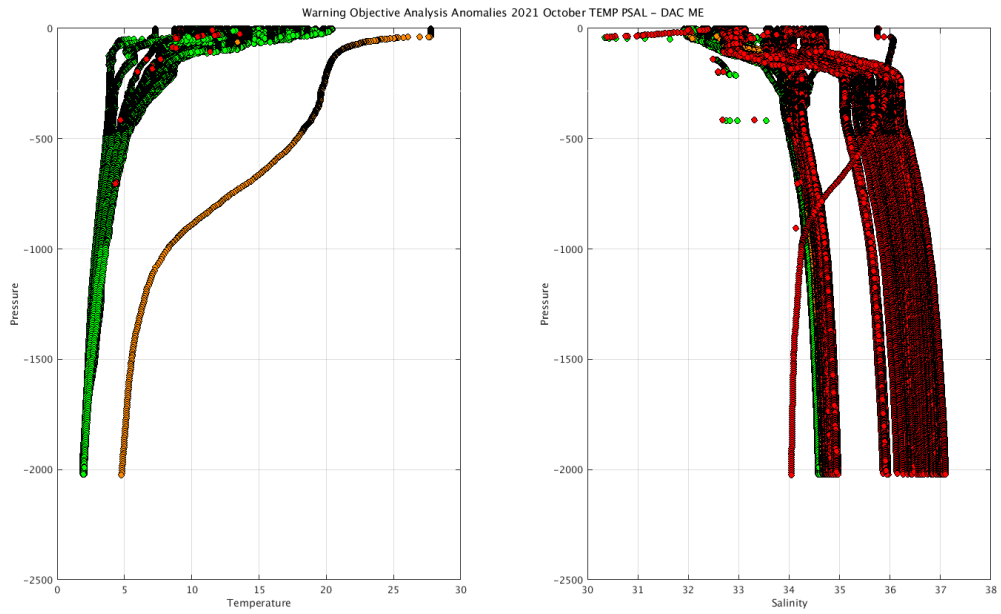
Float : 4901797 - Cycle : 229 - PI : Blair Greenan - Data mode : A - Platform type : NOVA - WMO inst type : 865 - FLOAT SERIAL : 213 - Date : 2021 10 15  
 Float : 4902459 - Cycle : 120 - PI : Blair Greenan - Data mode : A - Platform type : NOVA - WMO inst type : 865 - FLOAT SERIAL : 595 - Date : 2021 10 24  
 Float : 4902462 - Cycle : 96 - PI : Blair Greenan - Data mode : A - Platform type : NOVA - WMO inst type : 865 - FLOAT SERIAL : 598 - Date : 2021 9 29  
 Float : 4902462 - Cycle : 97 - PI : Blair Greenan - Data mode : A - Platform type : NOVA - WMO inst type : 865 - FLOAT SERIAL : 598 - Date : 2021 10 9  
 Float : 4902462 - Cycle : 98 - PI : Blair Greenan - Data mode : A - Platform type : NOVA - WMO inst type : 865 - FLOAT SERIAL : 598 - Date : 2021 10 19  
 Float : 4902486 - Cycle : 80 - PI : Blair Greenan - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 260019CA15 - Date : 2021 10 21  
 Float : 4902492 - Cycle : 80 - PI : Blair Greenan - Data mode : R - Platform type : ARVOR - WMO inst type : 844 - FLOAT SERIAL : 260019CA21 - Date : 2021 10 20

##### Files data\_mode='D'

Float : 4901784 - Cycle : 0 - PI : Blair Greenan - Data mode : D - Platform type : NOVA - WMO inst type : 865 - FLOAT SERIAL : 200 - Date : 2015 7 5  
 Float : 4901784 - Cycle : 1 - PI : Blair Greenan - Data mode : D - Platform type : NOVA - WMO inst type : 865 - FLOAT SERIAL : 200 - Date : 2015 7 15  
 Float : 4901784 - Cycle : 2 - PI : Blair Greenan - Data mode : D - Platform type : NOVA - WMO inst type : 865 - FLOAT SERIAL : 200 - Date : 2015 7 25  
 Float : 4901784 - Cycle : 3 - PI : Blair Greenan - Data mode : D - Platform type : NOVA - WMO inst type : 865 - FLOAT SERIAL : 200 - Date : 2015 8 4  
 Float : 4901784 - Cycle : 4 - PI : Blair Greenan - Data mode : D - Platform type : NOVA - WMO inst type : 865 - FLOAT SERIAL : 200 - Date : 2015 8 14  
 Float : 4901784 - Cycle : 5 - PI : Blair Greenan - Data mode : D - Platform type : NOVA - WMO inst type : 865 - FLOAT SERIAL : 200 - Date : 2015 8 24  
 Float : 4901784 - Cycle : 6 - PI : Blair Greenan - Data mode : D - Platform type : NOVA - WMO inst type : 865 - FLOAT SERIAL : 200 - Date : 2015 9 3  
 Float : 4901784 - Cycle : 7 - PI : Blair Greenan - Data mode : D - Platform type : NOVA - WMO inst type : 865 - FLOAT SERIAL : 200 - Date : 2015 9 13  
 Float : 4901784 - Cycle : 8 - PI : Blair Greenan - Data mode : D - Platform type : NOVA - WMO inst type : 865 - FLOAT SERIAL : 200 - Date : 2015 9 23  
 Float : 4901784 - Cycle : 9 - PI : Blair Greenan - Data mode : D - Platform type : NOVA - WMO inst type : 865 - FLOAT SERIAL : 200 - Date : 2015 10 3  
 Float : 4901784 - Cycle : 10 - PI : Blair Greenan - Data mode : D - Platform type : NOVA - WMO inst type : 865 - FLOAT SERIAL : 200 - Date : 2015 10 13  
 Float : 4901784 - Cycle : 11 - PI : Blair Greenan - Data mode : D - Platform type : NOVA - WMO inst type : 865 - FLOAT SERIAL : 200 - Date : 2015 10 23  
 Float : 4901784 - Cycle : 12 - PI : Blair Greenan - Data mode : D - Platform type : NOVA - WMO inst type : 865 - FLOAT SERIAL : 200 - Date : 2015 11 2  
 Float : 4901784 - Cycle : 13 - PI : Blair Greenan - Data mode : D - Platform type : NOVA - WMO inst type : 865 - FLOAT SERIAL : 200 - Date : 2015 11 12  
 Float : 4901784 - Cycle : 14 - PI : Blair Greenan - Data mode : D - Platform type : NOVA - WMO inst type : 865 - FLOAT SERIAL : 200 - Date : 2015 11 22  
 Float : 4901784 - Cycle : 15 - PI : Blair Greenan - Data mode : D - Platform type : NOVA - WMO inst type : 865 - FLOAT SERIAL : 200 - Date : 2015 12 2  
 Float : 4901784 - Cycle : 16 - PI : Blair Greenan - Data mode : D - Platform type : NOVA - WMO inst type : 865 - FLOAT SERIAL : 200 - Date : 2015 12 12  
 Float : 4901784 - Cycle : 17 - PI : Blair Greenan - Data mode : D - Platform type : NOVA - WMO inst type : 865 - FLOAT SERIAL : 200 - Date : 2015 12 22  
 Float : 4901784 - Cycle : 18 - PI : Blair Greenan - Data mode : D - Platform type : NOVA - WMO inst type : 865 - FLOAT SERIAL : 200 - Date : 2016 1 1  
 Float : 4901784 - Cycle : 19 - PI : Blair Greenan - Data mode : D - Platform type : NOVA - WMO inst type : 865 - FLOAT SERIAL : 200 - Date : 2016 1 11  
 Float : 4901784 - Cycle : 20 - PI : Blair Greenan - Data mode : D - Platform type : NOVA - WMO inst type : 865 - FLOAT SERIAL : 200 - Date : 2016 1 21  
 Float : 4901784 - Cycle : 21 - PI : Blair Greenan - Data mode : D - Platform type : NOVA - WMO inst type : 865 - FLOAT SERIAL : 200 - Date : 2016 1 31  
 Float : 4901784 - Cycle : 22 - PI : Blair Greenan - Data mode : D - Platform type : NOVA - WMO inst type : 865 - FLOAT SERIAL : 200 - Date : 2016 2 10  
 Float : 4901784 - Cycle : 23 - PI : Blair Greenan - Data mode : D - Platform type : NOVA - WMO inst type : 865 - FLOAT SERIAL : 200 - Date : 2016 2 20  
 Float : 4901784 - Cycle : 24 - PI : Blair Greenan - Data mode : D - Platform type : NOVA - WMO inst type : 865 - FLOAT SERIAL : 200 - Date : 2016 3 1  
 Float : 4901784 - Cycle : 25 - PI : Blair Greenan - Data mode : D - Platform type : NOVA - WMO inst type : 865 - FLOAT SERIAL : 200 - Date : 2016 3 11  
 Float : 4901784 - Cycle : 26 - PI : Blair Greenan - Data mode : D - Platform type : NOVA - WMO inst type : 865 - FLOAT SERIAL : 200 - Date : 2016 3 21  
 Float : 4901784 - Cycle : 27 - PI : Blair Greenan - Data mode : D - Platform type : NOVA - WMO inst type : 865 - FLOAT SERIAL : 200 - Date : 2016 3 31  
 Float : 4901784 - Cycle : 28 - PI : Blair Greenan - Data mode : D - Platform type : NOVA - WMO inst type : 865 - FLOAT SERIAL : 200 - Date : 2016 4 10  
 Float : 4901784 - Cycle : 29 - PI : Blair Greenan - Data mode : D - Platform type : NOVA - WMO inst type : 865 - FLOAT SERIAL : 200 - Date : 2016 4 20

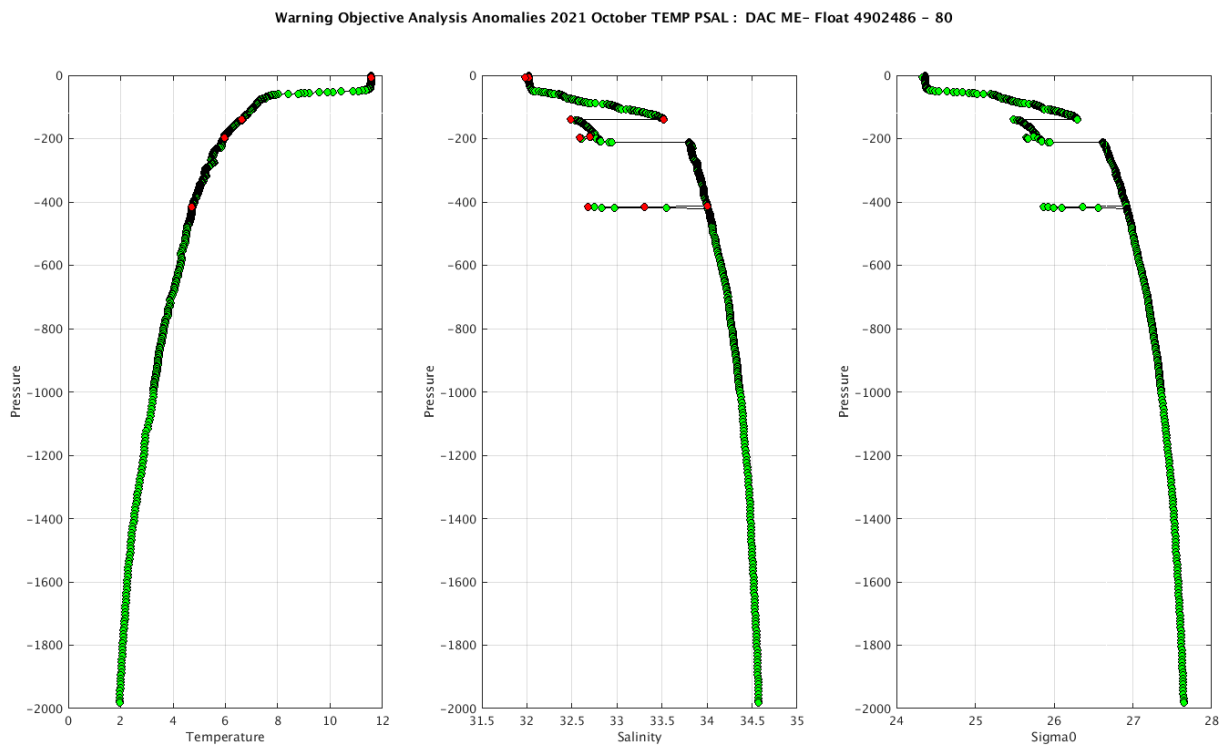




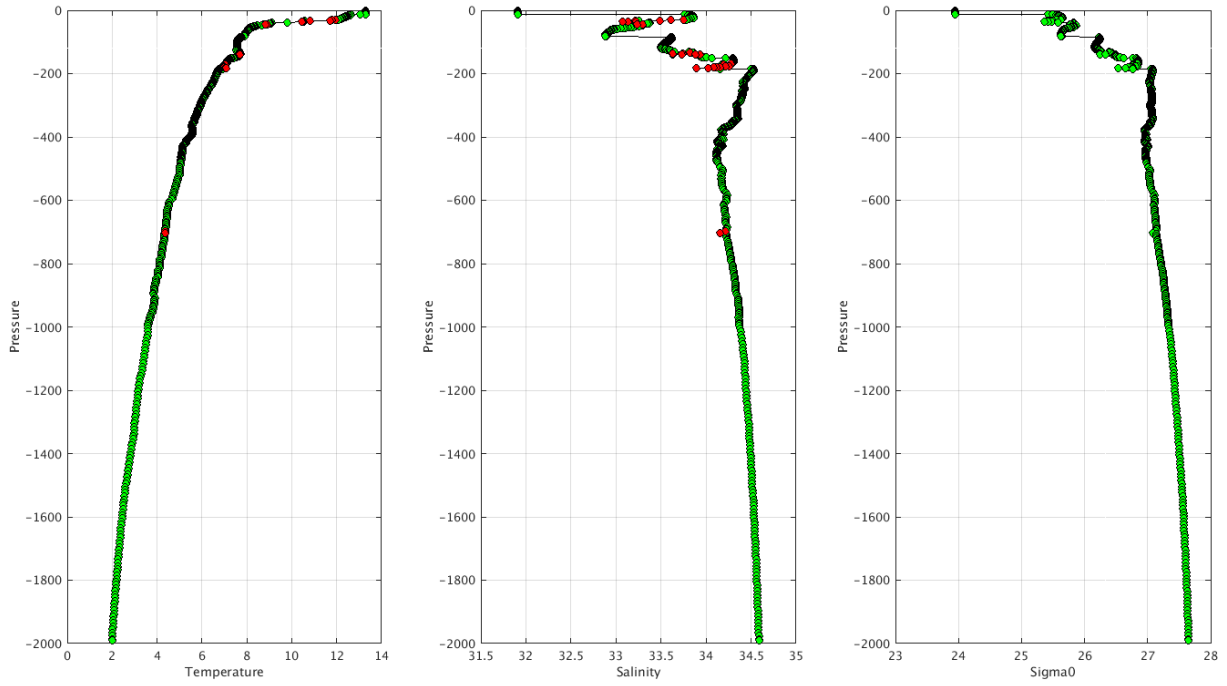


The list of the anomalies can be found at <https://data-argo.ifremer.fr/etc/ObjectiveAnalysisWarning/meds/>

Example of anomalies:







**Delayed Mode anomalies (adjusted fields) – date mode ='A' or 'D'**

Mix of RT and DM files and strange values (Float\_wmo, Cycle, Data\_state\_indicator, Parameter, Value, QC)

```
ME 3900084 120 2C+ PSAL -1701411834604690000000000000000000000000 4
ME 3900085 120 2C+ PSAL -1701411834604690000000000000000000000000 4
ME 4900512
ME 4900521
ME 4900537
ME 4900636
ME 4900877
ME 4901081
```



## 5. Synthetic profiles

Please have a look on the log showing problems on synthetic profiles

<https://data-argo.ifremer.fr/etc/argo-synthetic-profile-log/>

## 6. Instrument\_code error

For a same float, two different instrument\_codes have been observed in profile files.

For ex. **DAC AOML Float 3901261** : 326 profiles with instrument\_code 854 and 400 profiles with instrument\_code 872. Here profiles represent the vertical\_sampling\_scheme, so one cycle but 2 profiles for this cycle :

WMO\_INST\_TYPE =

"872 ",  
"872 " ;

VERTICAL\_SAMPLING\_SCHEME =

"Primary sampling: averaged [nominal 2 dbar binned data sampled at 1.0 Hz from a SBE41CP; bin detail from 0 dbar (number bins/bin width): 10/ 1; 490/ 2;remaining/ 2] ",  
"Near-surface sampling: discrete, pumped [shallowest polling from the same SBE41CP]"

AO	3901261	PF	854	326
AO	3901261	PF	872	400
-----				
AO	3901262	PF	854	434
AO	3901262	PF	872	294
-----				
AO	3901263	PF	854	432
AO	3901263	PF	872	294
-----				
AO	3901264	PF	854	440
AO	3901264	PF	872	295
-----				
AO	3901266	PF	854	324
AO	3901266	PF	872	400
-----				
AO	41534	TE	845	11
AO	41534	TE	999	85
-----				
AO	5905759	PF	851	70
AO	5905759	PF	862	74
-----				
AO	5905760	PF	851	68
AO	5905760	PF	862	68
-----				
BO	1901894	PF	863	94
BO	1901894	PF	869	13
-----				
BO	1901896	PF	863	93
BO	1901896	PF	869	14

BO	2901896	PF	863	224
BO	2901896	PF	869	14
BO	2901897	PF	863	224
BO	2901897	PF	869	18
-----				
BO	2901898	PF	863	221
BO	2901898	PF	869	14
-----				
BO	6901162	PF	846	1
BO	6901162	PF	863	62
-----				
BO	6901163	PF	846	1
BO	6901163	PF	863	187
-----				
CS	1901740	PF	863	3
CS	1901740	PF	869	75
-----				
CS	1901741	PF	863	3
CS	1901741	PF	869	74
-----				
CS	1901742	PF	863	2
CS	1901742	PF	869	34
CS	5905428	PF	863	8
CS	5905428	PF	869	74
-----				
CS	5905429	PF	863	7
CS	5905429	PF	869	75

CS	7900632	PF	863	3
CS	7900632	PF	869	75
-----				
CS	7900633	PF	863	2
CS	7900633	PF	869	75
-----				
CS	7900634	PF	863	2
CS	7900634	PF	869	75
-----				
HZ	2900313	PF	840	5
HZ	2900313	PF	841	3
-----				
HZ	2902695	PF	870	1
HZ	2902695	PF	871	69
-----				
HZ	2902698	PF	870	2
HZ	2902698	PF	871	58
-----				
HZ	5900228	PF	840	3
HZ	5900228	PF	841	1
-----				
IN	2902154	PF	841	1
IN	2902154	PF	846	150
-----				
JA	2903635	PF	844	40
JA	2903635	PF	846	1
-----				
ME	4901189	PF	846	16
ME	4901189	PF	865	5

## 7. File anomalies (GDAC – Real time)

For information, on the GDAC for some floats, some netcdf files are missing. Sometimes this is not an anomaly (float has been deployed but no transmission of data then only meta file is available) but for other cases it could be an anomaly so please check.

I removed all the floats for which the missing netcdf files are not due to an anomaly. For instance, I removed all the floats for which only meta.nc file is generated or only meta.nc and tech.nc files are generated. If you think that others associations have to be removed for technical reasons, let me know.

<wmo\_number>\_meta.nc | <wmo\_number>\_meta.nc + <wmo\_number>\_tech.nc

### 7.1. AOML

#### GDAC (missing nc files)

For some floats :

- tech.nc and/or traj.nc are missing (meta.nc and prof.nc files existing)
- multiprof.nc is missing (no profiles but tech, traj, meta exist)
- only meta file (no monopofile, no trajectory, no technical file)

See below the list of floats with existing nc files :

Feedback from AOML to remove floats for which no sufficient information to create the missing files; some are **Orbcomm** floats (wait for recommendations) which have no technical data, no drift pressure, no timing information and onlmy one surface position then tech files are obsolete and traj files quite useless.

Feedback for floats **4900433**, **4903243** that should be updated

DAC name : aoml – Number of floats : 7914

1900167 - Existing NetCDF files

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

3900148 - Existing NetCDF files

File : 3900148\_meta.nc - 3900148\_prof.nc -

1900168 - Existing NetCDF files

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

3900160 - Existing NetCDF files

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

1900189 - Existing NetCDF files

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

41534 - Existing NetCDF files

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

1900244 - Existing NetCDF files

File : 1900244\_meta.nc - 1900244\_prof.nc -

4900228 - Existing NetCDF files

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

1900245 - Existing NetCDF files

File : 1900245\_meta.nc - 1900245\_prof.nc -

4900229 - Existing NetCDF files

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

1900255 - Existing NetCDF files

File : 1900255\_meta.nc - 1900255\_prof.nc -

4900230 - Existing NetCDF files

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

1900257 - Existing NetCDF files

File : 1900257\_meta.nc - 1900257\_prof.nc -

4900268 - Existing NetCDF files

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

1900748 - Existing NetCDF files

File : 1900748\_Rtraj.nc - 1900748\_meta.nc - 1900748\_tech.nc -

4900269 - Existing NetCDF files

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

1900831 - Existing NetCDF files

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

4900270 - Existing NetCDF files

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

1901658 - Existing NetCDF files

File : 1901658\_Rtraj.nc - 1901658\_meta.nc - 1901658\_tech.nc -

4900271 - Existing NetCDF files

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

2901106 - Existing NetCDF files

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

4900272 - Existing NetCDF files

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

4900273 - Existing NetCDF files  
File : 4900273\_meta.nc - 4900273\_prof.nc -

4900287 - Existing NetCDF files  
File : 4900287\_Rtraj.nc - 4900287\_meta.nc - 4900287\_tech.nc -

4900358 - Existing NetCDF files  
File : 4900358\_meta.nc - 4900358\_prof.nc -

4900361 - Existing NetCDF files  
File : 4900361\_meta.nc - 4900361\_prof.nc -

4900366 - Existing NetCDF files  
File : 4900366\_meta.nc - 4900366\_prof.nc -

4900367 - Existing NetCDF files  
File : 4900367\_meta.nc - 4900367\_prof.nc -

4900382 - Existing NetCDF files  
File : 4900382\_meta.nc - 4900382\_prof.nc -

4900383 - Existing NetCDF files  
File : 4900383\_meta.nc - 4900383\_prof.nc -

4900385 - Existing NetCDF files  
File : 4900385\_meta.nc - 4900385\_prof.nc -

4900426 - Existing NetCDF files  
File : 4900426\_meta.nc - 4900426\_prof.nc -

4900427 - Existing NetCDF files  
File : 4900427\_meta.nc - 4900427\_prof.nc -

4900428 - Existing NetCDF files  
File : 4900428\_meta.nc - 4900428\_prof.nc -

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

4901485 - Existing NetCDF files  
File : 4901485\_Rtraj.nc - 4901485\_meta.nc - 4901485\_tech.nc -

4901537 - Existing NetCDF files  
File : 4901537\_Rtraj.nc - 4901537\_meta.nc - 4901537\_tech.nc

4901560 - Existing NetCDF files  
File : 4901560\_Rtraj.nc - 4901560\_meta.nc - 4901560\_tech.nc

4901575 - Existing NetCDF files  
File : 4901575\_Rtraj.nc - 4901575\_meta.nc - 4901575\_tech.nc -

4901577 - Existing NetCDF files  
File : 4901577\_Rtraj.nc - 4901577\_meta.nc - 4901577\_tech.nc

4903243 - Existing NetCDF files  
File : 4903243\_meta.nc - 4903243\_prof.nc - 4903243\_tech.nc -

5900253 - Existing NetCDF files  
File : 5900253\_Rtraj.nc - 5900253\_meta.nc - 5900253\_tech.nc -

5900637 - Existing NetCDF files  
File : 5900637\_Rtraj.nc - 5900637\_meta.nc - 5900637\_tech.nc -

5900765 - Existing NetCDF files  
File : 5900765\_Rtraj.nc - 5900765\_meta.nc - 5900765\_tech.nc -

5900892 - Existing NetCDF files  
File : 5900892\_Rtraj.nc - 5900892\_meta.nc - 5900892\_tech.nc -

5901006 - Existing NetCDF files  
File : 5901006\_Rtraj.nc - 5901006\_meta.nc - 5901006\_tech.nc -

5901082 - Existing NetCDF files  
File : 5901082\_Rtraj.nc - 5901082\_meta.nc - 5901082\_tech.nc

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

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

5904838 - Existing NetCDF files  
File : 5904838\_Rtraj.nc - 5904838\_meta.nc - 5904838\_prof.nc -

5904839 - Existing NetCDF files  
File : 5904839\_Rtraj.nc - 5904839\_meta.nc - 5904839\_prof.nc -

5904840 - Existing NetCDF files  
File : 5904840\_Rtraj.nc - 5904840\_meta.nc - 5904840\_prof.nc

5905641 - Existing NetCDF files  
File : 5905641\_Rtraj.nc - 5905641\_meta.nc - 5905641\_prof.nc

5906684 - Existing NetCDF files  
File : 5906684\_meta.nc - 5906684\_prof.nc

## 7.2. BODC

### GDAC (missing nc files)

For some floats :

- tech.nc - and/or traj.nc - are missing (meta.nc - and prof.nc - files existing)
- only meta and/or tech files (no monopofile, no trajectory)

**MAINLY TRAJECTORY FILE MISSING**

See below the list of floats with existing nc files :

**DAC name : bodc – Number of floats : 798**

1901312 - Existing NetCDF files

File : 1901312\_meta.nc - 1901312\_prof.nc - 1901312\_tech.nc -

1901844 - Existing NetCDF files

File : 1901844\_meta.nc - 1901844\_prof.nc - 1901844\_tech.nc -

1901845 - Existing NetCDF files

File : 1901845\_meta.nc - 1901845\_prof.nc - 1901845\_tech.nc -

1901846 - Existing NetCDF files

File : 1901846\_meta.nc - 1901846\_prof.nc - 1901846\_tech.nc -

1901847 - Existing NetCDF files

File : 1901847\_meta.nc - 1901847\_prof.nc - 1901847\_tech.nc -

1901848 - Existing NetCDF files

File : 1901848\_meta.nc - 1901848\_prof.nc - 1901848\_tech.nc -

1901849 - Existing NetCDF files

File : 1901849\_meta.nc - 1901849\_prof.nc - 1901849\_tech.nc -

1901850 - Existing NetCDF files

File : 1901850\_meta.nc - 1901850\_prof.nc - 1901850\_tech.nc -

1901851 - Existing NetCDF files

File : 1901851\_meta.nc - 1901851\_prof.nc - 1901851\_tech.nc -

1901852 - Existing NetCDF files

File : 1901852\_meta.nc - 1901852\_prof.nc - 1901852\_tech.nc -

1901853 - Existing NetCDF files

File : 1901853\_meta.nc - 1901853\_prof.nc - 1901853\_tech.nc -

1901854 - Existing NetCDF files

File : 1901854\_meta.nc - 1901854\_prof.nc - 1901854\_tech.nc -

1901855 - Existing NetCDF files

File : 1901855\_meta.nc - 1901855\_prof.nc - 1901855\_tech.nc -

1901856 - Existing NetCDF files

File : 1901856\_meta.nc - 1901856\_prof.nc - 1901856\_tech.nc -

1901857 - Existing NetCDF files

File : 1901857\_meta.nc - 1901857\_prof.nc - 1901857\_tech.nc -

1901858 - Existing NetCDF files

File : 1901858\_meta.nc - 1901858\_prof.nc - 1901858\_tech.nc -

1901859 - Existing NetCDF files

File : 1901859\_meta.nc - 1901859\_prof.nc - 1901859\_tech.nc -

1901860 - Existing NetCDF files

File : 1901860\_meta.nc - 1901860\_prof.nc - 1901860\_tech.nc -

1901861 - Existing NetCDF files

File : 1901861\_meta.nc - 1901861\_prof.nc - 1901861\_tech.nc -

1901862 - Existing NetCDF files

File : 1901862\_meta.nc - 1901862\_prof.nc - 1901862\_tech.nc -

1901863 - Existing NetCDF files

File : 1901863\_meta.nc - 1901863\_prof.nc - 1901863\_tech.nc -

1901864 - Existing NetCDF files

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1901865 - Existing NetCDF files

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1901866 - Existing NetCDF files

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1901867 - Existing NetCDF files

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1901868 - Existing NetCDF files

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1901869 - Existing NetCDF files

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1901870 - Existing NetCDF files

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1901871 - Existing NetCDF files

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1901872 - Existing NetCDF files

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1901873 - Existing NetCDF files

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1901875 - Existing NetCDF files

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1901876 - Existing NetCDF files

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1901877 - Existing NetCDF files

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1901878 - Existing NetCDF files

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1901879 - Existing NetCDF files

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1901880 - Existing NetCDF files

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1901881 - Existing NetCDF files

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1901882 - Existing NetCDF files

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File : 1902079\_meta.nc - 1902079\_prof.nc - 1902079\_tech.nc -  
1902080 - Existing NetCDF files  
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2901891 - Existing NetCDF files  
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2901892 - Existing NetCDF files  
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2901893 - Existing NetCDF files  
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2901894 - Existing NetCDF files  
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2901895 - Existing NetCDF files  
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2901896 - Existing NetCDF files  
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2901897 - Existing NetCDF files  
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2901898 - Existing NetCDF files  
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2901899 - Existing NetCDF files  
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2901900 - Existing NetCDF files  
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2901902 - Existing NetCDF files  
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2901903 - Existing NetCDF files  
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2901904 - Existing NetCDF files  
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2901905 - Existing NetCDF files  
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3900538 - Existing NetCDF files  
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3900559 - Existing NetCDF files  
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3900560 - Existing NetCDF files  
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3901489 - Existing NetCDF files  
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3901491 - Existing NetCDF files  
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3901493 - Existing NetCDF files  
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3901494 - Existing NetCDF files  
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3901495 - Existing NetCDF files  
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3901499 - Existing NetCDF files  
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3901500 - Existing NetCDF files  
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3901501 - Existing NetCDF files  
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3901502 - Existing NetCDF files  
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3901503 - Existing NetCDF files  
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3901504 - Existing NetCDF files  
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3901506 - Existing NetCDF files  
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3901507 - Existing NetCDF files  
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3901508 - Existing NetCDF files  
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3901509 - Existing NetCDF files  
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3901510 - Existing NetCDF files  
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3901511 - Existing NetCDF files  
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3901512 - Existing NetCDF files  
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3901513 - Existing NetCDF files  
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3901514 - Existing NetCDF files  
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3901515 - Existing NetCDF files  
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3901565 - Existing NetCDF files  
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3901567 - Existing NetCDF files  
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3902398 - Existing NetCDF files  
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3902399 - Existing NetCDF files  
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3902400 - Existing NetCDF files  
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3902402 - Existing NetCDF files  
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3902403 - Existing NetCDF files  
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49065 - Existing NetCDF files  
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6901153 - Existing NetCDF files  
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6901155 - Existing NetCDF files  
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6901156 - Existing NetCDF files  
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6901157 - Existing NetCDF files  
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6901158 - Existing NetCDF files  
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6901159 - Existing NetCDF files  
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6901160 - Existing NetCDF files  
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6901161 - Existing NetCDF files  
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6901162 - Existing NetCDF files  
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6901163 - Existing NetCDF files  
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6901164 - Existing NetCDF files  
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6901165 - Existing NetCDF files  
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6901166 - Existing NetCDF files  
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6901167 - Existing NetCDF files  
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6901168 - Existing NetCDF files  
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6901169 - Existing NetCDF files  
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6901170 - Existing NetCDF files  
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6901171 - Existing NetCDF files  
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6901172 - Existing NetCDF files  
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6901173 - Existing NetCDF files  
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6901176 - Existing NetCDF files  
File : 6901176\_meta.nc - 6901176\_prof.nc - 6901176\_tech.nc -

6901177 - Existing NetCDF files  
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6901178 - Existing NetCDF files  
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6901179 - Existing NetCDF files  
File : 6901179\_meta.nc - 6901179\_prof.nc - 6901179\_tech.nc -

6901184 - Existing NetCDF files  
File : 6901184\_meta.nc - 6901184\_prof.nc - 6901184\_tech.nc -

6901185 - Existing NetCDF files  
File : 6901185\_meta.nc - 6901185\_prof.nc - 6901185\_tech.nc -

6901188 - Existing NetCDF files  
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6901189 - Existing NetCDF files  
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6901190 - Existing NetCDF files  
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6901191 - Existing NetCDF files  
File : 6901191\_meta.nc - 6901191\_prof.nc - 6901191\_tech.nc -

6901192 - Existing NetCDF files  
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6901193 - Existing NetCDF files  
File : 6901193\_meta.nc - 6901193\_prof.nc - 6901193\_tech.nc -

6901194 - Existing NetCDF files  
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6901195 - Existing NetCDF files  
File : 6901195\_meta.nc - 6901195\_prof.nc - 6901195\_tech.nc -

6901197 - Existing NetCDF files

File : 6901197\_meta.nc - 6901197\_prof.nc - 6901197\_tech.nc -  
6901198 - Existing NetCDF files  
File : 6901198\_meta.nc - 6901198\_prof.nc - 6901198\_tech.nc -  
6901199 - Existing NetCDF files  
File : 6901199\_meta.nc - 6901199\_prof.nc - 6901199\_tech.nc -  
6901200 - Existing NetCDF files  
File : 6901200\_meta.nc - 6901200\_prof.nc - 6901200\_tech.nc -  
6901201 - Existing NetCDF files  
File : 6901201\_meta.nc - 6901201\_prof.nc - 6901201\_tech.nc -  
6901202 - Existing NetCDF files  
File : 6901202\_meta.nc - 6901202\_prof.nc - 6901202\_tech.nc -  
6901205 - Existing NetCDF files  
File : 6901205\_meta.nc - 6901205\_prof.nc - 6901205\_tech.nc -  
6901207 - Existing NetCDF files  
File : 6901207\_meta.nc - 6901207\_prof.nc - 6901207\_tech.nc -  
6901208 - Existing NetCDF files  
File : 6901208\_meta.nc - 6901208\_prof.nc - 6901208\_tech.nc -  
6901211 - Existing NetCDF files  
File : 6901211\_meta.nc - 6901211\_prof.nc - 6901211\_tech.nc -  
6901212 - Existing NetCDF files  
File : 6901212\_meta.nc - 6901212\_prof.nc - 6901212\_tech.nc -  
6901213 - Existing NetCDF files  
File : 6901213\_meta.nc - 6901213\_prof.nc - 6901213\_tech.nc -  
6901214 - Existing NetCDF files  
File : 6901214\_meta.nc - 6901214\_prof.nc - 6901214\_tech.nc -  
6901215 - Existing NetCDF files  
File : 6901215\_meta.nc - 6901215\_prof.nc - 6901215\_tech.nc -  
6901919 - Existing NetCDF files  
File : 6901919\_meta.nc - 6901919\_prof.nc - 6901919\_tech.nc -  
6901920 - Existing NetCDF files  
File : 6901920\_meta.nc - 6901920\_prof.nc - 6901920\_tech.nc -  
6901921 - Existing NetCDF files  
File : 6901921\_meta.nc - 6901921\_prof.nc - 6901921\_tech.nc -  
6901922 - Existing NetCDF files  
File : 6901922\_meta.nc - 6901922\_prof.nc - 6901922\_tech.nc -  
6901923 - Existing NetCDF files  
File : 6901923\_meta.nc - 6901923\_prof.nc - 6901923\_tech.nc -  
6901924 - Existing NetCDF files  
File : 6901924\_meta.nc - 6901924\_prof.nc - 6901924\_tech.nc -  
6901925 - Existing NetCDF files  
File : 6901925\_meta.nc - 6901925\_prof.nc - 6901925\_tech.nc -  
6901926 - Existing NetCDF files  
File : 6901926\_meta.nc - 6901926\_prof.nc - 6901926\_tech.nc -

6901927 - Existing NetCDF files  
File : 6901927\_meta.nc - 6901927\_prof.nc - 6901927\_tech.nc -  
6901928 - Existing NetCDF files  
File : 6901928\_meta.nc - 6901928\_prof.nc - 6901928\_tech.nc -  
6903715 - Existing NetCDF files  
File : 6903715\_meta.nc - 6903715\_prof.nc - 6903715\_tech.nc -  
6903716 - Existing NetCDF files  
File : 6903716\_meta.nc - 6903716\_prof.nc - 6903716\_tech.nc -  
6903717 - Existing NetCDF files  
File : 6903717\_meta.nc - 6903717\_prof.nc - 6903717\_tech.nc -  
6903718 - Existing NetCDF files  
File : 6903718\_meta.nc - 6903718\_prof.nc - 6903718\_tech.nc -  
6903719 - Existing NetCDF files  
File : 6903719\_meta.nc - 6903719\_prof.nc - 6903719\_tech.nc -  
6903720 - Existing NetCDF files  
File : 6903720\_meta.nc - 6903720\_prof.nc - 6903720\_tech.nc -  
6903721 - Existing NetCDF files  
File : 6903721\_meta.nc - 6903721\_prof.nc - 6903721\_tech.nc -  
6903722 - Existing NetCDF files  
File : 6903722\_meta.nc - 6903722\_prof.nc - 6903722\_tech.nc -  
6903723 - Existing NetCDF files  
File : 6903723\_meta.nc - 6903723\_prof.nc - 6903723\_tech.nc -  
6903724 - Existing NetCDF files  
File : 6903724\_meta.nc - 6903724\_prof.nc - 6903724\_tech.nc -  
6903725 - Existing NetCDF files  
File : 6903725\_meta.nc - 6903725\_prof.nc - 6903725\_tech.nc -  
6903726 - Existing NetCDF files  
File : 6903726\_meta.nc - 6903726\_prof.nc - 6903726\_tech.nc -  
6903727 - Existing NetCDF files  
File : 6903727\_meta.nc - 6903727\_prof.nc - 6903727\_tech.nc -  
6903751 - Existing NetCDF files  
File : 6903751\_meta.nc - 6903751\_prof.nc - 6903751\_tech.nc -  
6903752 - Existing NetCDF files  
File : 6903752\_meta.nc - 6903752\_prof.nc - 6903752\_tech.nc -  
6903753 - Existing NetCDF files  
File : 6903753\_meta.nc - 6903753\_prof.nc - 6903753\_tech.nc -  
6903754 - Existing NetCDF files  
File : 6903754\_meta.nc - 6903754\_prof.nc - 6903754\_tech.nc -  
6903755 - Existing NetCDF files  
File : 6903755\_meta.nc - 6903755\_prof.nc - 6903755\_tech.nc -  
6903760 - Existing NetCDF files  
File : 6903760\_meta.nc - 6903760\_prof.nc - 6903760\_tech.nc -  
6903761 - Existing NetCDF files  
File : 6903761\_meta.nc - 6903761\_prof.nc - 6903761\_tech.nc -

### 7.3. CORIOLIS

#### GDAC (missing nc files)

##### For some floats :

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

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

#### DAC name : Coriolis – Number of floats : 3279

1900380 - Existing NetCDF files

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

1901216 - Existing NetCDF files

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

5903129 - Existing NetCDF files

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

6900215 - Existing NetCDF files

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

6900217 - Existing NetCDF files

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

6900940 - Existing NetCDF files

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

6901000 - Existing NetCDF files

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

6901438 - Existing NetCDF files

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

6901469 - Existing NetCDF files

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

6901551 - Existing NetCDF files

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

6901594 - Existing NetCDF files

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

6901615 - Existing NetCDF files

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

6901820 - Existing NetCDF files

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

6901844 - Existing NetCDF files

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

6901854 - Existing NetCDF files

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

6901871 - Existing NetCDF files

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

6902583 - Existing NetCDF files

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

6902685 - Existing NetCDF files

File : 6902685\_Rtraj.nc - 6902685\_meta.nc - 6902685\_tech.nc -

6902741 - Existing NetCDF files

File : 6902741\_Rtraj.nc - 6902741\_meta.nc - 6902741\_tech.nc -

6903181 - Existing NetCDF files

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

6903185 - Existing NetCDF files

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

6903193 - Existing NetCDF files

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

6903226 - Existing NetCDF files

File : 6903226\_Rtraj.nc - 6903226\_meta.nc -

7900349 - Existing NetCDF files

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

### 7.4. CSIO

#### GDAC (missing nc files)

##### For some floats :

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

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

#### DAC name : csio – Number of floats : 479

**GDAC (missing nc files)**

**For some floats :**

- traj.nc - is missing (only meta.nc - , tech.nc - and prof.nc - files)

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

**DAC name : csiro – Number of floats : 1012**

1901743 - Existing NetCDF files

File : 1901743\_meta.nc - 1901743\_prof.nc - 1901743\_tech.nc -

1901744 - Existing NetCDF files

File : 1901744\_meta.nc - 1901744\_prof.nc - 1901744\_tech.nc -

1901745 - Existing NetCDF files

File : 1901745\_meta.nc - 1901745\_prof.nc - 1901745\_tech.nc -

1901746 - Existing NetCDF files

File : 1901746\_meta.nc - 1901746\_prof.nc - 1901746\_tech.nc -

1901747 - Existing NetCDF files

File : 1901747\_meta.nc - 1901747\_prof.nc - 1901747\_tech.nc -

1901749 - Existing NetCDF files

File : 1901749\_meta.nc - 1901749\_prof.nc - 1901749\_tech.nc -

1901752 - Existing NetCDF files

File : 1901752\_meta.nc - 1901752\_prof.nc - 1901752\_tech.nc -

1901753 - Existing NetCDF files

File : 1901753\_meta.nc - 1901753\_prof.nc - 1901753\_tech.nc -

3901467 - Existing NetCDF files

File : 3901467\_meta.nc - 3901467\_prof.nc - 3901467\_tech.nc -

5904221 - Existing NetCDF files

File : 5904221\_meta.nc - 5904221\_prof.nc - 5904221\_tech.nc -

5904224 - Existing NetCDF files

File : 5904224\_meta.nc - 5904224\_prof.nc - 5904224\_tech.nc -

5904226 - Existing NetCDF files

File : 5904226\_meta.nc - 5904226\_prof.nc - 5904226\_tech.nc -

5904916 - Existing NetCDF files

File : 5904916\_meta.nc - 5904916\_prof.nc - 5904916\_tech.nc -

5904917 - Existing NetCDF files

File : 5904917\_meta.nc - 5904917\_prof.nc - 5904917\_tech.nc -

5904922 - Existing NetCDF files

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

5904925 - Existing NetCDF files

File : 5904925\_meta.nc - 5904925\_prof.nc - 5904925\_tech.nc -

5905205 - Existing NetCDF files

File : 5905205\_meta.nc - 5905205\_prof.nc - 5905205\_tech.nc -

5905389 - Existing NetCDF files

File : 5905389\_meta.nc - 5905389\_prof.nc - 5905389\_tech.nc -

5905390 - Existing NetCDF files

File : 5905390\_meta.nc - 5905390\_prof.nc - 5905390\_tech.nc -

5905393 - Existing NetCDF files

File : 5905393\_meta.nc - 5905393\_prof.nc - 5905393\_tech.nc -

5905394 - Existing NetCDF files

File : 5905394\_meta.nc - 5905394\_prof.nc - 5905394\_tech.nc -

5905410 - Existing NetCDF files

File : 5905410\_meta.nc - 5905410\_prof.nc - 5905410\_tech.nc -

5905411 - Existing NetCDF files

File : 5905411\_meta.nc - 5905411\_prof.nc - 5905411\_tech.nc -

5905412 - Existing NetCDF files

File : 5905412\_meta.nc - 5905412\_prof.nc - 5905412\_tech.nc -

5905413 - Existing NetCDF files

File : 5905413\_meta.nc - 5905413\_prof.nc - 5905413\_tech.nc -

5905419 - Existing NetCDF files

File : 5905419\_meta.nc - 5905419\_prof.nc - 5905419\_tech.nc -

5905420 - Existing NetCDF files

File : 5905420\_meta.nc - 5905420\_prof.nc - 5905420\_tech.nc -

5905421 - Existing NetCDF files

File : 5905421\_meta.nc - 5905421\_prof.nc - 5905421\_tech.nc -

5905430 - Existing NetCDF files

File : 5905430\_meta.nc - 5905430\_prof.nc - 5905430\_tech.nc -

5905431 - Existing NetCDF files

File : 5905431\_meta.nc - 5905431\_prof.nc - 5905431\_tech.nc -

5905432 - Existing NetCDF files

File : 5905432\_meta.nc - 5905432\_prof.nc - 5905432\_tech.nc -

5905454 - Existing NetCDF files

File : 5905454\_meta.nc - 5905454\_prof.nc - 5905454\_tech.nc -

5905468 - Existing NetCDF files

File : 5905468\_Rtraj.nc - 5905468\_meta.nc - 5905468\_tech.nc -

7900638 - Existing NetCDF files

File : 7900638\_meta.nc - 7900638\_prof.nc - 7900638\_tech.nc -

7900639 - Existing NetCDF files

File : 7900639\_meta.nc - 7900639\_prof.nc - 7900639\_tech.nc -

7900640 - Existing NetCDF files

File : 7900640\_meta.nc - 7900640\_prof.nc - 7900640\_tech.nc -  
 7900641 - Existing NetCDF files  
 File : 7900641\_meta.nc - 7900641\_prof.nc - 7900641\_tech.nc -  
 7900642 - Existing NetCDF files  
 File : 7900642\_meta.nc - 7900642\_prof.nc - 7900642\_tech.nc -  
 7900643 - Existing NetCDF files  
 File : 7900643\_meta.nc - 7900643\_prof.nc - 7900643\_tech.nc -  
 7900646 - Existing NetCDF files  
 File : 7900646\_meta.nc - 7900646\_prof.nc - 7900646\_tech.nc -  
 7900647 - Existing NetCDF files  
 File : 7900647\_meta.nc - 7900647\_prof.nc - 7900647\_tech.nc -  
 7900648 - Existing NetCDF files  
 File : 7900648\_meta.nc - 7900648\_prof.nc - 7900648\_tech.nc -  
 7900649 - Existing NetCDF files  
 File : 7900649\_meta.nc - 7900649\_prof.nc - 7900649\_tech.nc -  
 7900650 - Existing NetCDF files  
 File : 7900650\_meta.nc - 7900650\_prof.nc - 7900650\_tech.nc -

7900651 - Existing NetCDF files  
 File : 7900651\_meta.nc - 7900651\_prof.nc - 7900651\_tech.nc -  
 7900891 - Existing NetCDF files  
 File : 7900891\_meta.nc - 7900891\_prof.nc - 7900891\_tech.nc -  
 7900892 - Existing NetCDF files  
 File : 7900892\_meta.nc - 7900892\_prof.nc - 7900892\_tech.nc -  
 7900894 - Existing NetCDF files  
 File : 7900894\_meta.nc - 7900894\_prof.nc - 7900894\_tech.nc -  
 7900899 - Existing NetCDF files  
 File : 7900899\_meta.nc - 7900899\_prof.nc - 7900899\_tech.nc -  
 7900903 - Existing NetCDF files  
 File : 7900903\_meta.nc - 7900903\_prof.nc - 7900903\_tech.nc  
 7900913 - Existing NetCDF files  
 File : 7900913\_meta.nc7900913\_prof.nc7900913\_tech.nc  
 7900919 - Existing NetCDF files  
 File : 7900919\_meta.nc7900919\_prof.nc7900919\_tech.nc

## 7.6. INCOIS

### For some floats :

- tech.nc - is missing (meta.nc - , traj.nc - and prof.nc - files existing)
- traj.nc - is missing (meta, prof, tech existing)
- multiprof.nc - is missing (no profiles but tech, traj, meta exist)

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

#### DAC name : incois – Number of floats : 492

2900268 - Existing NetCDF files  
 File : 2900268\_Rtraj.nc - 2900268\_meta.nc - 2900268\_prof.nc -  
 2900275 - Existing NetCDF files  
 File : 2900275\_Rtraj.nc - 2900275\_meta.nc - 2900275\_prof.nc -  
 2900767 - Existing NetCDF files  
 File : 2900767\_meta.nc - 2900767\_prof.nc - 2900767\_tech.nc -  
 2902126 - Existing NetCDF files  
 File : 2902126\_Rtraj.nc - 2902126\_meta.nc - 2902126\_tech.nc -  
 2902229 - Existing NetCDF files  
 File : 2902229\_meta.nc - 2902229\_prof.nc - 2902229\_tech.nc -  
 2902230 - Existing NetCDF files  
 File : 2902230\_meta.nc - 2902230\_prof.nc - 2902230\_tech.nc -  
 2902231 - Existing NetCDF files  
 File : 2902231\_meta.nc - 2902231\_prof.nc - 2902231\_tech.nc -  
 2902232 - Existing NetCDF files  
 File : 2902232\_meta.nc - 2902232\_prof.nc - 2902232\_tech.nc -  
 2902233 - Existing NetCDF files  
 File : 2902233\_meta.nc - 2902233\_prof.nc - 2902233\_tech.nc -

2902234 - Existing NetCDF files  
 File : 2902234\_meta.nc - 2902234\_prof.nc - 2902234\_tech.nc -  
 2902235 - Existing NetCDF files  
 File : 2902235\_meta.nc - 2902235\_prof.nc - 2902235\_tech.nc -  
 2902236 - Existing NetCDF files  
 File : 2902236\_meta.nc - 2902236\_prof.nc - 2902236\_tech.nc -  
 2902246 - Existing NetCDF files  
 File : 2902246\_meta.nc - 2902246\_prof.nc - 2902246\_tech.nc -  
 2902248 - Existing NetCDF files  
 File : 2902248\_meta.nc - 2902248\_prof.nc - 2902248\_tech.nc -  
 2902249 - Existing NetCDF files  
 File : 2902249\_meta.nc - 2902249\_prof.nc - 2902249\_tech.nc -  
 2902250 - Existing NetCDF files  
 File : 2902250\_meta.nc - 2902250\_prof.nc - 2902250\_tech.nc -  
 2902251 - Existing NetCDF files  
 File : 2902251\_meta.nc - 2902251\_prof.nc - 2902251\_tech.nc -  
 2902252 - Existing NetCDF files

File : 2902252\_meta.nc - 2902252\_prof.nc - 2902252\_tech.nc -

2902253 - Existing NetCDF files

File : 2902253\_meta.nc - 2902253\_prof.nc - 2902253\_tech.nc -

2902254 - Existing NetCDF files

File : 2902254\_meta.nc - 2902254\_prof.nc - 2902254\_tech.nc -

2902255 - Existing NetCDF files

File : 2902255\_meta.nc - 2902255\_prof.nc - 2902255\_tech.nc -

2902256 - Existing NetCDF files

File : 2902256\_meta.nc - 2902256\_prof.nc - 2902256\_tech.nc -

2902257 - Existing NetCDF files

File : 2902257\_meta.nc - 2902257\_prof.nc - 2902257\_tech.nc -

2902258 - Existing NetCDF files

File : 2902258\_meta.nc - 2902258\_prof.nc - 2902258\_tech.nc -

2902259 - Existing NetCDF files

File : 2902259\_meta.nc - 2902259\_prof.nc - 2902259\_tech.nc -

2902260 - Existing NetCDF files

File : 2902260\_meta.nc - 2902260\_prof.nc - 2902260\_tech.nc -

2902261 - Existing NetCDF files

File : 2902261\_meta.nc - 2902261\_prof.nc - 2902261\_tech.nc -

2902262 - Existing NetCDF files

File : 2902262\_meta.nc - 2902262\_prof.nc - 2902262\_tech.nc -

2902265 - Existing NetCDF files

File : 2902265\_meta.nc - 2902265\_prof.nc - 2902265\_tech.nc -

2902266 - Existing NetCDF files

File : 2902266\_meta.nc - 2902266\_prof.nc - 2902266\_tech.nc -

2902267 - Existing NetCDF files

File : 2902267\_meta.nc - 2902267\_prof.nc - 2902267\_tech.nc -

2902268 - Existing NetCDF files

File : 2902268\_meta.nc - 2902268\_prof.nc - 2902268\_tech.nc -

2902269 - Existing NetCDF files

File : 2902269\_meta.nc - 2902269\_prof.nc - 2902269\_tech.nc -

2902278 - Existing NetCDF files

File : 2902278\_meta.nc - 2902278\_prof.nc - 2902278\_tech.nc -

2902279 - Existing NetCDF files

File : 2902279\_meta.nc - 2902279\_prof.nc - 2902279\_tech.nc -

2902280 - Existing NetCDF files

File : 2902280\_meta.nc - 2902280\_prof.nc - 2902280\_tech.nc -

2902281 - Existing NetCDF files

File : 2902281\_meta.nc - 2902281\_prof.nc - 2902281\_tech.nc -

2902282 - Existing NetCDF files

File : 2902282\_meta.nc - 2902282\_prof.nc - 2902282\_tech.nc -

2902283 - Existing NetCDF files

File : 2902283\_meta.nc - 2902283\_prof.nc - 2902283\_tech.nc -

2902284 - Existing NetCDF files

File : 2902284\_meta.nc - 2902284\_prof.nc - 2902284\_tech.nc -

2902285 - Existing NetCDF files

File : 2902285\_meta.nc - 2902285\_prof.nc - 2902285\_tech.nc -

2902286 - Existing NetCDF files

File : 2902286\_meta.nc - 2902286\_prof.nc - 2902286\_tech.nc -

2902287 - Existing NetCDF files

File : 2902287\_meta.nc - 2902287\_prof.nc - 2902287\_tech.nc -

2902288 - Existing NetCDF files

File : 2902288\_meta.nc - 2902288\_prof.nc - 2902288\_tech.nc -

2902289 - Existing NetCDF files

File : 2902289\_meta.nc - 2902289\_prof.nc - 2902289\_tech.nc -

2902290 - Existing NetCDF files

File : 2902290\_meta.nc - 2902290\_prof.nc - 2902290\_tech.nc -

2902291 - Existing NetCDF files

File : 2902291\_meta.nc - 2902291\_prof.nc - 2902291\_tech.nc -

2902292 - Existing NetCDF files

File : 2902292\_meta.nc - 2902292\_prof.nc - 2902292\_tech.nc -

2902293 - Existing NetCDF files

File : 2902293\_meta.nc - 2902293\_prof.nc - 2902293\_tech.nc -

2902300 - Existing NetCDF files

File : 2902300\_meta.nc - 2902300\_prof.nc - 2902300\_tech.nc -

2902301 - Existing NetCDF files

File : 2902301\_meta.nc - 2902301\_prof.nc - 2902301\_tech.nc -

2902302 - Existing NetCDF files

File : 2902302\_meta.nc - 2902302\_prof.nc - 2902302\_tech.nc -

2902303 - Existing NetCDF files

File : 2902303\_meta.nc - 2902303\_prof.nc - 2902303\_tech.nc -

2902304 - Existing NetCDF files

File : 2902304\_meta.nc - 2902304\_prof.nc - 2902304\_tech.nc -

## 7.7. JMA

**Feedback sent by Wataru.(some months/years ago)**

**Checking of the status of each float.**

**-Deep NINJA: 14 floats in preparation for data release and profile files will be sent to GDACs**

**2902508**

**2902510**

**7900599**

**2902509**

**5904937**

**7900600**

7900601  
7900652  
7900653

7900654  
7900655  
7900657

7900658  
7900660

-Others : 8 floats

need further investigation

For some floats :

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

See below the list of floats with existing nc files :

**DAC name : jma – Number of floats : 1853**

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

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

1902332 - Existing NetCDF files  
File : 1902332\_Sprof.nc - 1902332\_meta.nc - 1902332\_prof.nc -

1902333 - Existing NetCDF files  
File : 1902333\_meta.nc - 1902333\_prof.nc -

1902335 - Existing NetCDF files  
File : 1902335\_meta.nc - 1902335\_prof.nc -

1902336 - Existing NetCDF files  
File : 1902336\_meta.nc - 1902336\_prof.nc -

1902337 - Existing NetCDF files  
File : 1902337\_meta.nc - 1902337\_prof.nc -

1902339 - Existing NetCDF files  
File : 1902339\_meta.nc - 1902339\_prof.nc -

1902340 - Existing NetCDF files  
File : 1902340\_meta.nc - 1902340\_prof.nc -

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

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

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

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

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

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

2902529 - Existing NetCDF files  
File : 2902529\_Sprof.nc - 2902529\_meta.nc - 2902529\_prof.nc -

2902530 - Existing NetCDF files  
File : 2902530\_Sprof.nc - 2902530\_meta.nc - 2902530\_prof.nc -

2902971 - Existing NetCDF files  
File : 2902971\_meta.nc - 2902971\_prof.nc -

2902977 - Existing NetCDF files  
File : 2902977\_Rtraj.nc - 2902977\_meta.nc - 2902977\_tech.nc -

2902978 - Existing NetCDF files  
File : 2902978\_Rtraj.nc - 2902978\_meta.nc - 2902978\_tech.nc -

2903005 - Existing NetCDF files  
File : 2903005\_meta.nc - 2903005\_prof.nc -

2903006 - Existing NetCDF files  
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2903007 - Existing NetCDF files  
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2903008 - Existing NetCDF files  
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2903009 - Existing NetCDF files  
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2903010 - Existing NetCDF files  
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2903011 - Existing NetCDF files  
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2903012 - Existing NetCDF files  
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2903013 - Existing NetCDF files  
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2903014 - Existing NetCDF files  
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2903165 - Existing NetCDF files  
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2903166 - Existing NetCDF files  
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2903167 - Existing NetCDF files  
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2903168 - Existing NetCDF files  
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2903169 - Existing NetCDF files  
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2903170 - Existing NetCDF files  
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2903171 - Existing NetCDF files  
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2903172 - Existing NetCDF files  
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2903173 - Existing NetCDF files  
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2903174 - Existing NetCDF files  
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2903175 - Existing NetCDF files  
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2903176 - Existing NetCDF files  
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2903209 - Existing NetCDF files  
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2903210 - Existing NetCDF files  
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2903211 - Existing NetCDF files  
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2903212 - Existing NetCDF files  
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2903213 - Existing NetCDF files  
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2903327 - Existing NetCDF files  
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2903329 - Existing NetCDF files  
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2903330 - Existing NetCDF files  
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2903346 - Existing NetCDF files  
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2903347 - Existing NetCDF files  
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2903348 - Existing NetCDF files  
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2903354 - Existing NetCDF files  
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2903356 - Existing NetCDF files  
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2903391 - Existing NetCDF files  
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2903392 - Existing NetCDF files  
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2903393 - Existing NetCDF files  
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2903394 - Existing NetCDF files  
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2903395 - Existing NetCDF files  
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2903396 - Existing NetCDF files  
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2903397 - Existing NetCDF files  
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2903398 - Existing NetCDF files  
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2903399 - Existing NetCDF files  
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2903400 - Existing NetCDF files  
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2903401 - Existing NetCDF files  
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2903402 - Existing NetCDF files  
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2903403 - Existing NetCDF files  
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2903404 - Existing NetCDF files  
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2903605 - Existing NetCDF files  
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2903606 - Existing NetCDF files  
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2903607 - Existing NetCDF files  
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2903608 - Existing NetCDF files  
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2903609 - Existing NetCDF files  
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2903610 - Existing NetCDF files  
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2903611 - Existing NetCDF files  
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2903612 - Existing NetCDF files  
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2903616 - Existing NetCDF files  
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2903617 - Existing NetCDF files  
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2903630 - Existing NetCDF files  
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2903631 - Existing NetCDF files  
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2903632 - Existing NetCDF files  
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2903649 - Existing NetCDF files  
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2903669 - Existing NetCDF files  
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2903670 - Existing NetCDF files  
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2903672 - Existing NetCDF files  
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3902388 - Existing NetCDF files  
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3902389 - Existing NetCDF files  
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3902390 - Existing NetCDF files  
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3902392 - Existing NetCDF files  
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3902393 - Existing NetCDF files  
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3902394 - Existing NetCDF files  
File : 3902394\_meta.nc - 3902394\_prof.nc -

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

4902378 - Existing NetCDF files  
File : 4902378\_meta.nc - 4902378\_prof.nc -

4902380 - Existing NetCDF files  
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4902981 - Existing NetCDF files  
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4902982 - Existing NetCDF files  
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4902983 - Existing NetCDF files  
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4902984 - Existing NetCDF files  
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4902985 - Existing NetCDF files  
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4902986 - Existing NetCDF files  
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4902987 - Existing NetCDF files  
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4902988 - Existing NetCDF files  
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4902992 - Existing NetCDF files  
File : 4902992\_meta.nc - 4902992\_prof.nc -

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

5901582 - Existing NetCDF files

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

5901937 - Existing NetCDF files  
File : 5901937\_Rtraj.nc - 5901937\_meta.nc - 5901937\_prof.nc -

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

5905062 - Existing NetCDF files  
File : 5905062\_Sprof.nc - 5905062\_meta.nc - 5905062\_prof.nc -

5905063 - Existing NetCDF files  
File : 5905063\_meta.nc - 5905063\_prof.nc -

5905218 - Existing NetCDF files  
File : 5905218\_Sprof.nc - 5905218\_meta.nc - 5905218\_prof.nc -

5905223 - Existing NetCDF files  
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5905224 - Existing NetCDF files  
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5905225 - Existing NetCDF files  
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5905226 - Existing NetCDF files  
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5905227 - Existing NetCDF files  
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5905228 - Existing NetCDF files  
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5905229 - Existing NetCDF files  
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5905232 - Existing NetCDF files  
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5905233 - Existing NetCDF files  
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5905834 - Existing NetCDF files  
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5905835 - Existing NetCDF files  
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5905836 - Existing NetCDF files  
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5905837 - Existing NetCDF files  
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5905838 - Existing NetCDF files  
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5905839 - Existing NetCDF files  
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5905840 - Existing NetCDF files  
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5905841 - Existing NetCDF files  
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5905842 - Existing NetCDF files  
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5905843 - Existing NetCDF files  
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5905844 - Existing NetCDF files  
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5905845 - Existing NetCDF files  
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5905846 - Existing NetCDF files  
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5905848 - Existing NetCDF files  
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5905849 - Existing NetCDF files  
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5905851 - Existing NetCDF files  
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5905852 - Existing NetCDF files  
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5905853 - Existing NetCDF files  
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5905854 - Existing NetCDF files  
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5905855 - Existing NetCDF files  
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5905856 - Existing NetCDF files  
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5905857 - Existing NetCDF files  
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5905860 - Existing NetCDF files  
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5905861 - Existing NetCDF files  
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5905862 - Existing NetCDF files  
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5905863 - Existing NetCDF files  
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5905864 - Existing NetCDF files  
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5905865 - Existing NetCDF files  
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5905866 - Existing NetCDF files  
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5905867 - Existing NetCDF files  
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5905875 - Existing NetCDF files  
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5905876 - Existing NetCDF files  
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5905877 - Existing NetCDF files  
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5905878 - Existing NetCDF files  
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5905879 - Existing NetCDF files  
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5905881 - Existing NetCDF files  
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5905882 - Existing NetCDF files  
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5906389 - Existing NetCDF files  
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5906390 - Existing NetCDF files  
File : 5906390\_meta.nc - 5906390\_prof.nc -

7900024 - Existing NetCDF files  
File : 7900024\_Rtraj.nc - 7900024\_meta.nc - 7900024\_tech.nc -

7900025 - Existing NetCDF files  
File : 7900025\_Rtraj.nc - 7900025\_meta.nc - 7900025\_tech.nc -

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

7900600 - Existing NetCDF files  
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7900601 - Existing NetCDF files  
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7900652 - Existing NetCDF files  
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7900653 - Existing NetCDF files  
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7900654 - Existing NetCDF files  
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7900655 - Existing NetCDF files  
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7900657 - Existing NetCDF files  
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7900658 - Existing NetCDF files  
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7900660 - Existing NetCDF files

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7900691 - Existing NetCDF files  
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7900863 - Existing NetCDF files  
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7900864 - Existing NetCDF files  
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7900866 - Existing NetCDF files  
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7900868 - Existing NetCDF files  
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7900872 - Existing NetCDF files  
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7900873 - Existing NetCDF files  
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7900881 - Existing NetCDF files  
File : 7900881\_Sprof.nc - 7900881\_meta.nc - 7900881\_prof.nc

## 7.8. KMA

**For some floats :**

- tech.nc - is missing (meta.nc - , traj.nc - and prof.nc - files existing)
- multiprof.nc - is missing (no profiles but tech, traj, meta exist)

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

**DAC name : kma – Number of floats : 253**

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

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

## 7.9. KORDI/KIOST

**For some floats :**

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

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

**DAC name : kiost – Number of floats : 110**

2901779 - Existing nc files  
File : 2901779\_meta.nc - 2901779\_prof.nc - 2901779\_tech.nc -

2901780 - Existing nc files

File : 2901780\_meta.nc - 2901780\_prof.nc - 2901780\_tech.nc

2901805 - Existing NetCDF files  
File : 2901805\_meta.nc - 2901805\_prof.nc - 2901805\_tech.nc

## 7.10. MEDS

**For some floats :**

- traj file missing

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

**DAC name : meds – Number of floats : 603**

4902530 - Existing NetCDF files  
File : 4902530\_meta.nc - 4902530\_prof.nc - 4902530\_tech.nc

## 7.11. NMDIS

**For some floats :**

-

See below the list of floats with existing nc files :

DAC name : nmdis – Number of floats : 19