ADMT12 Action List

Updated on the 7th November 2012

26 actions closed 31 started 8 pending

	Action	Target Date	Responsibility	Priority	Status	DONE
	Monitoring Actions					
1	Each DAC to document their process for updating the GDAC and trace their delays	January 2012	Mathieu to coordinate with DAC help	R	BODC Done CSIRO, INCOIS, KORDI Done, Japan done, AOML: we monitor it (available online) Coriolis done	on going
2	AIC to report to ADMT mailing list on the GDAC delay issues	AST13	Mathieu	R	done from French GDAC Missing US.GDAC Will be provided by Mark before 16th July	on going
3	AIC Facilitate the reminder on pending issues	ADMT13	Mathieu	R	done routinely in AIC report	OK
4	Put a DOI on all approved Argo User Manual and Argo QC Manual	AST13	Lesley	R	DOIs not minted but progress report put together for ADMT13 and proposal for formating of Argo DOIs,	ok
5	Set up "DAC Instruction/cookbook" to gather procedures to be applied by DACS	AST13	Thierry, Megan, Ann , Claudia	R	Megan had mostly compiled information from the various float experts on how to calculate the cycle timing variables for their floats. The APEX float section is still not yet complete. Justin Buck and JP Rannou are providing inputs. Megan plans to have it finished before end of summer	ok
	Pressure Corrections					
6	CSIO and KORDI to update their tech file with the agreed standard names	AST13	CSIO KORDI	H	kordi done CSIO?	on going
7	DACS/DM Operators to provide feedback to CSIRO after checking the anomalies identified from audit (please refer to 25 Nov 2011 audit at: http://www.cmar.csiro.au/mr/argo/dmqc/audits_2011_11_25/index.html) • No null values, • No missing PRES_ADJUSTED or PRES_ADJUSTED_QC when PRES and PRES_QC exists and PRES_ADJUSTED_QC is not flagged as bad (This applies to all floats requiring surface pressure correction, DATA MODE "A" or "D").Surface pressure offset parameter names should not change during the lifetime of the float	ASAP and before AST13	All DACs	H	AOML: all issues in audit related to RT were resolved, changes were done if needed. Missing information from US DM operators for the other issues JMA: all issues in audit were resolved, changes were done if needed. JAMSTEC: in progress CORIOLIS :80% done CSIRO done BODC done INCOIS in progress Canada:done	

	• Fix cases when surface pressure correction varies throughout the profile (JMA/MEDS) • For floats with legitimate multiple surface pressure offset parameter names: DAC to advise which parameter and method to use					on going
8	Each DAC to nominate one or more contact persons who will deal directly with Jeff.Dunn@csiro.au in order to improve pressure correction in files and meta and tech information for pressure correction. RT and/or DM operators	ASAP and before AST13	All DACs	R	BODC - Use argo@bodc.ac.uk, Justin will be contact. AOML: use DM Operator Emails Paul Robbins + Annie Wiong + J Gilson + Kristene.E.Mctaggart@noaa.gov (PMEL) , JMA argoadmin@climar.kishou.go.jp JAMSTEC argomail@jamstec.go.jp CSIRO Done BSH: Marek.Stawarz@bsh.de Coriolis: Christine.coatanoan@ifremer.fr Canada:argo-canada@dfo-mpo.gc.ca	ok
9	DACS to remove obsolete Surface Pressure parameter names from files and ensure that only agreed parameter names are used.	AST13	Concerned DACs	H	BODC - n/a JMA done (so JAMSTEC done) CSIRO - done AOML: only minor changes were needed, suggested adding a few names to table (not only surface pressure related); Canada:done Coriolis : done INCOIS done Kordi done	on going
	GDAC Actions					
10	ZIP files should be updated weekly and contained all index files. No need to zip Latest directory	ADMT13	Thierry and Mark	R	done at Coriolis to be done at US GDAC	on going
11	Implement detailed index at US GDAC	AST13	Mark	H	Will be implemented together with Format checker : Remark from Mathieu This information is really needed for AST as AIC need to present information on delays at Both GDACS at AST13 . Plan to provide it July 16th	nok
12	Create NMDIS DAC at US GDAC	December 1st 2011	Mark	H	done	ok
13	GDAC to consider accepting compressed files from DACs	ADMT13	Thierry and Mark	L		nok
14	Provide DM-Checker Documentation and provide to DACs access to Checker results	First week December	Mark	H	File checker is under test mode with AOML CSIRO CORIOLIS and BODC and JMA => Mark to add other DACS	ok

15	DACs to scan the anomalies detected on their files and provide feedback to Mark if false alarm	December January	All DACs	H	feedback provided on the check by the testing DACS Coriolis : Thierry prefers to implement first the new format and then to work on the anomalies. AOML Add Claudi to the mailing list and Claudia to check BODC Justin will provide feedback before 20 June CSIRO done - good results from checker and files fixed JMA files have been tested and are fine	on going
16	Installation of file checker at Coriolis and turn to operation	February	Mark and Thierry	H	waiting for the end of the testing period likely after summer	ok
17	Update File-Checker to allows 2.3 and 2.4 files including multi-axis data to be submitted	February	Mark	H	Will be implemented together with Format checker . To speed up process Thierry to send the new format sample for Mark to check	nok
	Real-time Actions					
18	Check Bulletin time (wrong time zone, or ?= bulletin time, or constant offset)	AST13	JMA, INCOIS, KMA	H	JMA Done INCOIS :done	ok
19	Bad or changing instrument codes over a float life. DACs who have their floats listed in Mathieu talk to check	AST13	Coriolis	R	done	ok
20	Start BUFR distribution	AST13	CSIRO	R	done	ok
21	Investigate why Coriolis BUFR are not seen	AST13	Mathieu and Mark	H	Coriolis done waiting for Mark feedback Mark doesn't see them but may be a subscription pb. Aurelie will send the header to Mark FNMOC doesn't see KMA, and NMDIS FNMOC Missing some BODC and INCOIS Mark to send the list of missing WMO to the DACS CSIRO BUFR files getting through - are all arriving? JMA files are being delivered	on going
22	Missing pressure levels in BUFR	AST13	CLS	H	DONE	ok
23	Update the QC manual for density test	December 2011	Annie	R	Done	ok
23b	Update the QC manual for density test after agreement on threshold	AST13	Annie after agremment is reacehed between DACS	R	There were no objections to leaving the threshold where agreed at ADMT12 so this item is finished. The threshold is 0.03 kg m−3	ok

24	DAC to update their density test	ADMT13	All DACs	R	BODC - Ongoing (expected summer 2012) AOML – started (10/24/12) Coriolis working on it expected summer 2012 CSIRO Kordi and Incois Done for APEX JMA Done Canada:done	on going
25	Study on how to provide easier access to error ellipse data to DACs for new profile and history since 2008.	AST13	Yann and Mathieu, Thierry	R	a proposal will be sent this summer to ADMT and AST to i) reprocess all Argos locations of Argo floats since January 2008 with the Kalman filtering method ii) supply all error ellipses information for Argos locations reprocessed since January 2008 and iii) setup a new service in collaboration with the Argo Information Center to provide and archive in delayed mode of all Argos trajectory data for Argo floats.	on going
26	Run GDAC/GTS comparison on quarterly basis.	January	Mark & Mathieu	R	a run is planned before AST13 . Dacs expressed the need to have information beginning March and was OK . The next will before end of June	ok
27	Provide monthly summary of OA anomalies to DACS and AIC.	ADMT13	Christine	R	Done Started in Dec 2011	ok
28	DACs to implement the high resolution profile reduction for sending them to GTS as TESAC bulletins (description in CookBook).	ADMT13	Concerned DACs	R	BODC - summer 2012 Coriolis Summer 2012 AOML – N/A JMA Done CSIRO and Incois done	on going
29	Investigate the consistency of CNDC units and range and values .	ADMT13	Thierry and Brian	R	Thierry working on it as Coriolis only is concerned . To be done	on going
30	Finalize recommendation for bad data flagging for Provor floats that present the 2047db anomaly.	ADMT13	Cathy	R	Floats are checked and flagged. Christine to check with Cathy the instruction	on going
	Delayed-Mode QC Actions					
31	US-Argo to investigate how to solve the Argo equivalent float DMQC issue on Navocean floats.	ADMT13	Steve P	R	A solution with a person of FNMOC, trained by A Wong , is studied and final agreement on budget is under discussion (email Steve P 02/02/2012) So far no solution has been found on 11th June	nok
	Reference Dataset Actions					
32	Put a mechanism in place to improve link between CCHDO, NODC and Coriolis to faster data provision to ref DB. Document to be provided to ADMT chairs.	AST13	Steve, Tim and Christine, thierry	H	Coriolis : exchange with Tim (NODC) to get updates. Steve has provided zip files with data . Document not yet done but needed for AST13 . A new version was discussed between Steve and Sylvie at AST13. was finalized after AST13 Transfer between CCHDO and Coriolis happned in October	ok

33	Work with Argo Delayed Mode Operators to identify priorities.	AST13	Steve, Megan and Justin	R	Justin - Ongoing, Steve has worked on this with sucess in the Northwest Atlantic Justin and Megan have communicated with Steve Diggs on what geographical areas are priorities Discussion with CSIRO on priorities provided to Steve- Steve has all of CSIRO's available Southern Ocean data except the latest voyage which hasn't yet been calibrated. Paul pointed out Bad data issues he found on the reference database and was asked to provide the information to Christine for correction	ok
34	CCHDO and the AIC to work on the compilation of meta data from CTD casts at float deployment locations for SEAHUNT.		Steve and Mathieu	R	RT CTDs metadata list:ftp://ftp.jcommops.org/Argo/Status/argo_ctds.txt G-Earth Web Service developed for CCHDO interoperability with http://argo.jcommops.org/argo.kml (to display argo observations upon spatial/temporal request) see http://argo.jcommops.org/cgi-bin/WebObjects/jcommops-kml.woa/wa/getObs?latMin=20&latMax=40&lonMin=-60&lonMax=-40&dateBegin=01-01-2011&dateEnd=01-04-2012&delayedMode=0	ok
	Format Actions					
35	Tech file DACs to update their tech file after Ann audit.	AST13	All DACs	H	AOML: done JMA done CSIRO Done Coriolis done BODC :Done Canada:done Incois: done	on going
36	All DACs to check the Configuration parameters names table available at the ADMT website and check that all parameters required for their float types exist with an appropriate definition, please provide feedback to Esmee.vanWIjk@csiro.au.		Esmee and Mathieu to coordinate	R	US float manufacturers visited by Argo TC (SIO-IDG, MRV, Teledyne, WHOI-IDG, SBE): - float models vocabulary checked - encouragement to use standard Argo technical names - unique data format system explained French Provor Float idem Other Floats ?	on going
37	CSIRO to update the user manual.		Esmee with Thierry	R	done	ok

38	All DACS to implement new configuration scheme and populate the configuration parameters in the meta file. All floats must have at least one mission and the CONFIGURATION_MISSION_NUMBERparameter in the trajectory file must be populated for all cycles.		DACs	R	CSIRO underway. AOML – format description almost done, scheduled forFY13 JMA done with new version BODC done, need USGODAE to accept new format so can submit data to GDACs. Canada done. need USGODAE to accept new format so can submit data to GDACs Coriolis working on it	on going
39	AIC to work with ANDRO team to set up a system linking a decoder format id to its documentation on line.	ADMT13	AIC, Esmee and Jean-Philippe	R	Data format classification under progress thanks to JP Rannou help. reference tables to be provided for the manual	on going
40	Document multi-axis format in user manual.	December 2011	Thierry	R	Done Version 2,4	ok
41	Document CF Compliance in user manual.	December 2011	Thierry	R	In version 2.4 (30th March)	OK
42	DACS to implement multi-axis format to distribute their exotic floats.	ADMT13 after February 2012	Concerned DACs: Coriois, BODC, AOML,	R	Coriolis done BODC on-going, done for bio floats, not done for NST floats. CSIRO coded sent to be checked by TC AOML – scheduled forFY13, submission requires 42a is completed. JMA done with new version	on going
42a	Mark to enhance file checker to handle multi-axis profile	ADMT13	MARK	R		nok
42b	GDACS to manage the multiaxis files and only copy in multi-profile files the Argo Core Profile	ADMT13	Mark and Thierry	R		nok
43	Study how to add DOI in the Argo files attributes.	ADMT13	Thierry to make a recommendation	R	will be presented at ADMT	ok
44	Resubmit oxygen data in format agreed at ADMT11.	AST13	CSIO, Coriolis to finish some APEX; AOML to finish some Argos floats; ISDM, INCOIS to add raw parameters	R	JMA: done Coriolis done BODC done, processed new floats as per latest guidance AOML done, Canada Done Incois to be done in June CSIRO : done for both RT and DM	on going
45	Validate with BIO-Argo scientists unit and Parameter name for Chlorophyll A.	ADMT13	Antoine & Thierry	R	will be discussed at BIOARGO workshop at ADMT13	ok
	Trajectory					

46	Update user manual to include all the changes decided at traj workshop .	January 2012	Megan	H	This has been done. The updated data manual has the new agreed upon trajectory file format which DACs can begin using as soon as it is accepted to the GDACs if they are ready. I think Coriolis may want to begin doing this as they had already begun filling in the old format. Of course, filling in some of the other new variables will be difficult without the DAC cookbook which is a separate item.	ok
47	Document real time position QC test developed by JAMSTEC on traj files.in DC manual .	December 2011	Annie & Kanato	R	Done	ok
48	DACs to begin implementing real time position QC test developed by JAMSTEC on traj files. Record changes to qc flags in the history section.	AST13	DACs	R	BODC -summer 2012 JMA Done AOML – started (10/24/12). CSIRO: will be done with the rewriting of trajectory package - date unknown at this point. Coriolis summer 2012 Canada in December 2012 India: will implement from CSIRO KORDI will implement CSIRO program when ready	on going
49	DACs to calculate position for profiles for which no transmitted position is available following the information in the DAC cookbook.	AST13	DACs	R	AOML: planned for FY13 (if we have the time to do it) JMA done with new version Canada:done	on going
50	DACs to implement traj2.3 format.	ADMT13	DACs	H	AOML – format description almost done, scheduled forFY13. BODC - to be done Coriolis Started CSIRO: will be done with the rewriting of trajectory package - date unknown at this point. JMA will do it this summer Canada done. need USGODAE to accept new format so can submit data to GDACs	on going
51	DACs to add parking PTS measurements even without times.	ADMT13	DACs	H	AOML: doing that already Coriolis has difficulties to implement its database BODC has similar PB as Coriolis CSIRO and INCOIS doing this already JMA done Canada:done	on going
52	DACs to include all cycle numbers in the N_CYCLE array. If a cycle is missing, put in a fill value for all N_CYCLE variables.	ADMT13	DACs	R	AOML: doing that already CSIRO also doing it already Coriolis will be done with tarj 2.3 JMA will do it this summer Canada:done	on going

53	DACs to disseminate all collected Argos locations. May require reprocessing after late messages have arrived. Takes up to 3hrs for one message to get through. Can take up to two days when errors occur at CLS with a small number of positions.	ADMT13	DACs	H	AOML: doing that already, BODC - summer 2012 Coriolis done CSIRO will do this as part of the traj re-programing, date unknown JMA already doing this Canada:done	on going
54	DACs to put in first and last message time. Remember to carefully check that first and last messages are reprocessed after more times/positions come in. If first(last) message also includes a position, include the first(last) time and then the same first(last) time with its position.	ADMT13	DACs	H	AOML: doing that already, BODC - summer 2012 Coriolis done CSIRO will do this as part of the traj re-programing, date unknown JMA already doing this	on going
55	DACs to investigate anomalies/issues notified by ANDRO team and correct their decoders as necessary.	ASAP	DACs, ANDRO Team	H	Coriolis, AOML: we do that when we receive notifications on problem CSIRO, INCOIS: to be done Canada: To be done JMA in progress but not completed yet	on going
56	Work with ATC, CLS to find a way to capture and store the axes error ellipse for all positions as soon as possible.	ASAP	ATC, Y. Bernard, DACs	R	SEE acttion 25 for CLS and AIC proposal AOML: receiving the error ellipses on the CDROMs (DIAG files) since 10/2011 CSIRO - no progress JMA - no progress	on going
57	DACs and float experts carefully review N_CYCLE timing table listing which floats transmit timings and which need to be estimated to ensure accuracy.	AST13	DACs, float expert, ANDRO team, M. Scanderbeg	R	see action 5	on going
58	Ask float expert for each type to write up procedure of how to estimate the N_CYCLE timing variables and circulate this to all the DACs via M Scanderbeg and put these specification in the cookbook.	AST13	Float expert, M. Scanderbeg	R	Related to action 57	nok
59	Ask AST to contact APEX APF11 and SEABIRD METOCEAN NKE manufacturers to ask that these float cycle times be reported by the float.	AST13	AST co-chairs, M. Scanderbeg, BSH Ifremer	R	Megan has spoken to SeaBird, MetOcean, MRV about their new floats and all have agreed (in fact, they already had most of the information being sent back) to have the appropriate cycle times reported by the float. She has not yet had any luck working with Teledyne/Webb on the APEX APF11. She is still pursuing this.	on going

60	Continue developing traj2 file format.	ADMT13	B. King, M. Scanderbeg, others interested in traj2 format	R	Jean-Philippe and Megan have actually made a lot of progress on this action and JP has given me one of each of the 220 or so different float type DEP files to begin turning into traj2 files. We have a pretty stable version of the traj2 file that Megan is now beginning to produce based on the DEP files from jean-Philippe. Her goal is to have this file format worked out and as many traj2 files produced as possible by the end of the summer. This will include outside input from others interested in the trajectory2 file format, but does not depend on Brian King producing the files since Megan will be doing that. She should definitely have the 220 or so files that Jean-Philippe has given her access to already done by the end of the summer. The rest depends on whether we will get access to the rest of the files or not. That depends on whether or not Ifremer has published their results. So, this is very good progress. At least the older, corrected data, will be available soon (or as soon as we can have access to it). We can work with Thierry to find the best place to host this data set.	on going
	Recommendations to AST					
61	To AST: how to document the different issues that happened to the Argo data into a document for user information, e.g., pressure correction, micro-leak…	AST13	AST Chairs	R	not progress as yet	nok