

|   | Action   | Responsibility                       | Status |
|---|--|--------------------------------------|--------|
| 1 | Send letter of thanks to IOC/ Bernal, cc to K,. Alverson, C. Clark   | H. Freeland                          |        |
| 2 | Each national program will identify or send Steve Diggs data from a recent CTD cruise to track the file through the CCHDO system from acquisition to delivery to availability from CCHDO website. <a href="mailto:sdiggs@ucsd.edu">sdiggs@ucsd.edu</a>   | Each national program                |        |
| 3 | All Argo representatives to check the POGO site for fellowship funding opportunities and closing dates for funding. <a href="http://www.ocean-partners.org">www.ocean-partners.org</a>   | All Argo reps                        |        |
| 4 | B. Owens and S. Pouliquen to work together to update format of glider data and SP will circulate.  | B. Owens & S. Pouliquen              |        |
| 5 | H. Freeland to contact countries not currently contributing to the Argo infrastructure   | H. Freeland                          |        |
| 6 | <p>The following notice will be posted on the Argo website and circulated to Argo users following confirmation of greylisting:</p> <p><b>Update: Important notice to Argo users (pressure offset errors)</b></p> <p>The cause of pressure offset errors in WHOI FSI Argo floats has been identified (incorrect assignment of pressure bins). Most of the affected profiles can be corrected, some more accurately than others. When available, corrected profiles will be provided in the near future. The following is guidance for research and operational users:</p> <p>Research users are advised not to use WHOI FSI Argo floats (INST_TYPE # 852) for scientific analysis until corrected data and error estimates are provided. A list of WMO ID numbers of these floats is provided on the Argo Steering Team website (<a href="http://www-argo.ucsd.edu">http://www-argo.ucsd.edu</a>).</p> <p>Operational users are advised that all affected floats have been grey-listed, and the data are excluded from GTS transmission as of dd March 2007. The data are available from global data assembly centers, but should be regarded as "probably bad" regardless of present quality flags. Corrected data will be provided via the GDACs in the "parameter adjusted fields".</p> <p>For full documentation of the Argo data system, see <a href="http://www.coriolis.eu.org/cdc/argo_rfc.htm">http://www.coriolis.eu.org/cdc/argo_rfc.htm</a></p> | M. Scanderbeg, D. Roemmich, B. Owens |        |
| 7 | Ask AOML to flag PRES_QC '3' for all WHOI  | S. Garzoli, C.                       |        |

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|    | SOLO_FSI floats   | Schmidt                   |  |
| 8  | B. Owens to send a list of floats to AOML that can and cannot be corrected in real time with details of correction procedure.   | B. Owens                  |  |
| 9  | The US DAC will be asked to make a recommendation on improved use of climatology checks for the purpose of identifying systematic problems in Argo data. Such testing is not to be part of the automated real-time quality control process, but rather for referral of questionable data to PIs (or other personnel as appropriate for the National Program) for further examination.   | D. Roemmich               |  |
| 10 | A working group chaired by H. Freeland & P-Y LeTraon will investigate the use (or development) of Argo products as tools for identification of systematic problems in Argo data   | H. Freeland, P-Y LeTraon  |  |
| 11 | <p>The following warning should be prominently shown to users acquiring Argo data from GDACs:</p> <p>Argo near real-time data is subject to only coarse fully-automated quality control checks.</p> <p>Argo delayed-mode data has been examined and/or adjusted for improved accuracy and consistency with documented reference data, according to agreed protocols. Because most Argo floats are not recovered for recalibration of sensors, absolute accuracy cannot be ensured.</p> <p>Argo delayed-mode procedures for checking sensor drifts and offsets in salinity rely on a statistical comparison of the float data with reference data. An adjustment is made when the float PI judges that it will improve the quality of the dataset. Users should include the supplied error estimates in their usage of Argo delayed-mode salinity data.</p> <p>For both near real-time and delayed mode data, proper and appropriate use is the responsibility of the user</p> | S. Pouliquen              |  |
| 12 | DMQC backlogs should be cleared this calendar year. Based on the percentage of floats dmqc'd by 1 September, 2007, D. Roemmich and H. Freeland will write letters to programs that appear unable to clear the backlog by the end of the year.   | D. Roemmich & H. Freeland |  |
| 13 | S. Wijffels & B. King will compose a statement  | S. Wijffels, B.           |  |

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|    | <p>and send it out to argo-dm-dm/argo-dm-rt lists saying:</p> <p>When QC flags are re-examined and edited in DMQC, these edits should be made to the RAW QC fields and not the ADJUSTED QC fields. RAW QC flags 1 &amp; 2 should then be propagated to ADJUSTED, 3 and 4 should be set to 4 in ADJUSTED and filled with missing values as per the DMQC manual [check manual]</p> | King                         |  |
| 14 | Add the average difference between the adjusted and raw salinity in the bottom 500m or same procedure as in R/T at the GDACs to the index file.  | S. Pouliquen                 |  |
| 15 | Compare Argo data sets with high quality CTD data in regions where there is sufficient data. Compile statistics of comparison between the two data sets.   | J. Gilson                    |  |
| 16 | Establish prototype database of Argo reference profiles. These files need to be identified and then formatted to the correct mat file to work in the new dmode OW procedure.   | J. Gilson, B. Owens, B. King |  |
| 17 | To dmode operators: use Argo data to qualify OW salinity adjustments in areas where there is adequate CTD data and use Argo data to estimate salinity adjustment only in areas where there is not sufficient CTD data.   | Dmode operators              |  |
| 18 | All Paine and Ametek pressure errors need to be adjusted, no matter the size. The AST endorses the pressure report from G. Johnson & T. Kobayashi and accepts its recommendation. Ask G. Johnson for advice on whether to correct all Druck pressure errors.   | Dmode operators              |  |
| 19 | DACS: get the ascent end time filled in properly for Apex floats   | DACs                         |  |
| 20 | AST co-chairs to write letter to N. Gruber stating: the AST welcomed the report of the Oxygen group and endorses the continued development of the technology and the plans in consultation with the AST.   | AST co-chairs                |  |
| 21 | H. Freeland to get a list from J. Cummings of rejected floats from various operational centers and discuss this with the AST exec.   | H. Freeland                  |  |
| 22 | Update the grey list on a monthly basis. Remove groups of floats with substantial systematic errors.   | DACs                         |  |
| 23 | Get a summary from M. Balmaseda & M. Martin of their requests for a reanalysis data set.   | M. Balmaseda, M. Martin      |  |
| 24 | J. Gould will prepare a synopsis of the News   | J. Gould                     |  |

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|    | and Views article for approval by the AST prior to submission to the appropriate Nature editor. |                                 |  |
| 25 | PIs are to inform the ATC if beached floats are secured.  | PIs with secured beached floats |  |
| 26 | M. Belbéoch to add delayed mode file statistics for each program in the weekly/monthly report.  | M. Belbéoch                     |  |
| 27 | ATC to implement a user desk  | M. Belbéoch                     |  |
| 28 | S. Wijffels & J. Gould to update the Argo brochure  | S. Wijffels, J. Gould           |  |