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|  | **Action** | **Responsibility** | **Status** |
| 1  | Write letter of thanks to local host IOS | AST Co-Chairs |  |
| 2 | Think about better way to show collaboration between BGC and core floats in order to track global coverage.  | M. Belbéoch, AST co-chairs, BGC co-chairs | Done – see AIC report on AST-20 website |
| 3 | Write to AST members from IOC executive committee nations to ask them to brief their representatives in preparation for the IOC meeting | AST co-chairs | done |
| 4 | Submit OceanObs19 abstracts and white papers on global Argo, BGC Argo, Deep Argo, and Data Management | Leads for global Argo: T. Suga, S. Wijffels, B. Greenan, D. RoemmichLeads for BGC: H. Claustre and K. JohnsonLeads for Deep Argo: N. Zilberman, V. Thierry, G. Johnson, S. HosodaLeads for DM: M. Scanderbeg and S. Pouliquen | done |
| 5 | Move ahead with OCG Best Practices paper on core implementation. Leads will be S. Riser, B. Owens, S. Hosoda, maybe B. King | S. Riser, B. Owens, S. Hosoda, B. King? | In progress |
| 6 | Move ahead with Argo data paper. S. Wijffels, S. Riser and B. Owens to develop a draft outline and then reach out to DMQC operators to help write the paper.  | S. Wijffels, S. Riser, B. Owens |  |
| 7 | AST suggests meta data working group reconsider the battery information stored in the meta files and consider simplifying it to specify the battery energy in MJ, manufacturer and type of cells. | R. Cowley, B. King, M. Scanderbeg | done |
| 8 | Investigate files that trajectory File Checker rejects. Which DAC, what float type, which transmission system, etc. can help determine when it can go live.  | M. Scanderbeg, M. Ignaszewski, DACs | Done. Live by AST-20 |
| 9 | AST asks ADMT to investigate putting Iridium positions with their known error in trajectory files when GPS fix is not available. Make sure this works within traj v3.1 file format without reformatting.  | Under-ice working group: E. Van Wijk, B. Klein, C. Schmidt, M. Scanderbeg, A. Wong | In progress |
| 10 | AST supports putting the RAFOS positions in the trajectory file when the best method to calculate these positions is finalized.  |  | In progress |
| 11 | AST supports adding two optional variables (position accuracy and method) to profile file to accommodate under-ice positions |  | done |
| 12 | Try to get CTD casts done with deployment of Deep Argo floats stored at CCHDO. These can be kept private if needed. | CCHDO, Deep Argo float deployers |  |
| 13 | UK is looking for a partner to check and validate the BGC parameter BUFR formats so that they can be sent out on the GTS | F. Carse, J. Turton, A. Tran | Not done yet. |
| 14 | Ask AIC to set up private mailing list with techs and PIs within Argo to share technical information. | AIC |  |
| 15 | AST recommends National Programs consider taking an SBE41, SBE61 or RBR CTD on cruise to do a comparison with shipboard CTD. Both manufacturers have agreed to supply a CTD for this purpose.  | National Programs, Greg Johnson of RBR, Dave Murphy of SeaBird, W. Walczowski of Argo Poland |  |
| 16 | Finalize document on guidelines for what is an Argo float and process for entering data stream and send it to ADMT and AST for final approval. When approved, publish documentation on Argo websites and distribute to National Programs.  | B. Owens, S. Wijffels, B. King, M. Scanderbeg | Published on website:http://www.argo.ucsd.edu/Argo\_Framework.html |
| 17 | AST asks float deployers to consider trialing Tadiran batteries to extend float lifetime. Link to Gordon’s battery report: <http://www.argo.ucsd.edu/Argo_battery_report.pdf> | Float deployerers, manufacturers  |  |
| 18 | AST approves global pilot study with RBRargo sensors. B. Owens to coordinate with AIC and National Programs. | B. Owens, AIC, interested National Programs |  |
| 19 | ADMT to send out notice to users that RBR data will be entering the data system and will be marked accordingly.  | ADMT co-chairs | Not done yet. |
| 20 | Alert DMQC teams of this high salinity error via email with link to document. Alert Argo users that a larger percentage of real-time data are likely biased high in salinity.  | M. Scanderbeg, S. Wijffels | done |
| 21 | See if we can determine if the salinity offset remains constant in pressure and temperature as degradation gets worse. How correctable is bias and for how long?  | J. Gilson, S. Wijffels, DMQC operators, SeaBird | In progress |
| 22 | Make Deep Argo label that works on all Deep Argo float models | M. Belbéoch, M. Scanderbeg | In progress. Test label being sent to Scripps IDG lab to see how it fits on Deep SOLO. Best option is current float label with updated float graphic to show different float shape |
| 23 | Add WBC and Equatorial Region columns to Commitments Table | M. Belbéoch | New column for Argo2020 commitments |
| 24 | Modify Future Argo /Argo 2020 map and tables to highlight how many more floats are needed to satisfy the extensions | M. Belbéoch, AST co-chairs | Done – see AIC report on AST-20 website |
| 25 | Work with UK Met Office to develop BUFR format for irradiance | F. Carse, J. Turton, K. Johnson, H. Claustre  | Not done yet. J. Turton will work on this during 2019 |
| 26 | Make extension papers and secondary source papers more visible on the Bibliography page | M. Scanderbeg | In progress – see Bibliography talk |
| 27 | Request a yearly analysis of the bibliography from IFREMER. Create a summary for inclusion/distribution on the Bibliography page.  | M. Scanderbeg | In progress – posted report here: ftp://kakapo.ucsd.edu/pub/argo/Bibliography/IFREMER\_biblio\_analysis\_2014\_2017.pdf  |
| 28 | Work with G. Maze and B. Owens to finalize ocean heat content page. Decide on which Argo grids to include, which plot(s) and how to caption it | M. Scanderbeg, G. Maze, B. Owens, M. Belbéoch | Done: http://www.argo.ucsd.edu/global\_change\_analysis.html |
| 29 | Support ADMT work on improving history section profile files to help with machine learning |  |  |
| 30 | Move forward with planning of 6th Argo Science Workshop in Japan. Both a Science and Program committee need to be set up and speakers need to be invited. | Argo Japan, D. Roemmich, B. Owens, K. Johnson, AST Executive Committee | Done |
| 31 | Create a press release celebrating the two millionth profile for late in 2018. Include images | M. Belbéoch, E. Rusciano, M. Scanderbeg | Done |