

2019DAsKIT: Exercise on AMDAR pre-processing

1. in export version CY40T1, WMO E-AMDAR BUFR templates were not recognised, since M-F has its own template: 311192
2. a set of such templates were identified as of eventual interest for pan-European partners: 311001(CWAO), 311005(LPMG), 311006(VHHH), 311007(VHHH), 311008(?), 311010(EGRR)
3. 311010 from EGRR (British companies) was the most interesting, due to the number of available reports at the EUCOS geographical area, therefore the study "Maria Monteiro, 2017: Upgrade of the source code BATOR to WMO AMDAR template 311010v7", available from <http://www.rclace.eu/?page=11>, provided the hints to make it ingestable by BATOR at CY38
4. Idir Dehmous set up a method for filtering the AMDAR data (using bufr_filter tool) which is not described in param.cfg (which are not 311010 or 311192)
5. the methodology mentioned in 3 was ported to CY40T1 by Zahra Sahlaoui (in collaboration with Alena Trojakova) in beaufix (see the subdirectory "311010"). It involves the recompilation of BATOR source code using a new subroutine "amdarWMO"
6. it is proposed to follow the exercise done in beaufix by Zahra, for the Morocco domain. Then one should migrate it to the local machines and after run the same exercise to the local domains with local data
7. in export version CY43T2, a new subroutine on amdar, "amdaromm", was added to BATOR and the methodology above is not needed; a question to M-F was asked in order to know if it has been validated in Meteo-France for all the remaining templates and some questions should take place during the DAsKIT2019.