**Workplan of the Theme Leader on Radiosonde Performance Monitoring (2014-2018)**(Version: as approved by CIMO-MG-13 in Dec. 2014)

| **No.** | **Task description** | **Person responsible** | **Action** | **Deliverable** | **Deadline for deliv.** | **Status****[%]** | **Comments** |
| --- | --- | --- | --- | --- | --- | --- | --- |
| 1. | **Catalogue of radiosondes and upper-air wind systems** | A. Kats | 1. Update annually the catalogue compiling global yearly statistics of BUFR, TEMP and PILOT messages and srrarasasa code figures arriving along with section 7 of TEMP messages and respective descriptors (002011,002013,002014,002003) of BUFR messages, using operational databases of the Hydrometcentre of Russia
2. Verifying abovementioned information versus WMO Publication No. 9, Volume A and drafting the list of operational upper-air stations.
3. Identifying inconsistencies (silent stations, unknown stations, invalid rara figures) in the list above and resolving them in liaison with NHMSs and compiling the Catalogue.
4. Liaising with ICG-WIGOS on facilitating migration of Radiosonde Catalogue information towards OSCAR/Surface representation
 | 1. New version of catalogue for posting on CIMO website
2. Suggestion for catalogue migration to OSCAR/Surface
 | Annually06/2015 |  | CIMO-XV, para 5.5 |
| 2. | **Performance monitoring statistics** | A. Kats | 1. Compile the quarterly upper-air performance monitoring statistics and graphical plots
2. Analyzing upper-air monitoring statistics and graphical plots, identify problems with certain stations/radiosonde types, and prepare a respective report
 | 1. New version of files for posting on CIMO website
2. Report with list of identified problems
 | 1. Annually2. Annually |  | CIMO-XV, para 5.5 |
| 3. | **Follow-up on identified performance issues** | A. Kats | 1. Contact individual Members and HMEI on performance issues identified above
2. Identify and assist on remedy actions in respect to BUFR reporting software issues
3. Promote high-resolution native upper-air BUFR production instead of TEMP->BUFR conversion
 | 1. Correspondence to relevant Members (e.g., NMHS) and HMEI
2. Report to CIMO-MG
 | 1. As Req2. Annually |  | CIMO-XV, para 5.5 |
| 4. | **Follow-up on coding issues** | A. Kats | 1. Liaise with Members, HMEI and CBS IPET-DRMM on allocation of new entries for radiosonde/sounding system used in TDCF
 | 1. Correspondence to relevant Members, HMEI and IPET-DRMM chair
2. Report to CIMO-MG
 | 1. As req2. Annually |  | CIMO-16, 8.9 |

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