**Revised Terms of Reference for the ICG-WIGOS Task Team on OSCAR Development (TT-OD)**

|  |  |  |  |
| --- | --- | --- | --- |
| Item | Priority | Timescale | Comments |
| 1. To review the functionalities of the OSCAR/Surface web interface and advise on possible improvements and their level of priority; | HIGH | Immediately | Mechanism for providing user feedback and recommendations to be agreed with OSCAR Project Team |
| 1. To coordinate closely with TT-WMD on the implementation of the WMDS updates in OSCAR/Surface, | HIGH | Ongoing | Joint meetings with TT-WMD will ensure a coordinated roadmap, in line with user needs and priorities. |
| 1. To advise and coordinate the evolution of OSCAR/Surface, prioritizing new major features ~~and the integration of the various component observing systems;~~ | HIGH | Ongoing | This activity must align with the workplan of the OSCAR Project Team. An option is for the TT-OD to be considered as the Subject Matter Experts and the mouthpiece of the OSCAR user community? |
| 1. To advise on issues regarding integration and/or interoperability of the OSCAR/Surface with the WIGOS Data Quality Monitoring System (WDQMS); | MEDIUM | Align with the workplan of the TT WDQMS | Aspects of c) were merged into this point |
| 1. To coordinate with the ICG-WIGOS Task Team on WDQMS the exchange of information between WDQMS and OSCAR/Surface; | MEDIUM |  | Propose to merge with d) |
| 1. To promote and coordinate the migration of the WMO catalogue of radiosondes and the integration of other component observing systems into OSCAR/Surface; | MEDIUM |  | Define the scope of ‘other component observing systems’ and clarify the coordination mechanisms. Align with workplans of other teams where appropriate. |
| 1. To liaise with the regional activities related to the operational uptake of OSCAR/Surface, in particular with the establishment of RWCs to support the management of WIGOS metadata; | MEDIUM | On demand | Will be driven by the timescales for the establishment of the RWC in each region. As they spin up, there may be training requirements that are not currently met by webinars/moodle etc. |
| 1. To coordinate and oversee the implementation of the Machine-to-Machine API for OSCAR/Surface; | HIGH | Immediately | Development of worked examples, case studies, demonstrations, documentation of how the API can be used and integrated in to day to day operational ‘real world’ work. |
| 1. To oversee and support the development and provision of training on OSCAR/Surface; | HIGH | Ongoing | Understanding of what training is available, how many people have been trained and to what level, how do we assess the training needs, etc |
| 1. To develop the requirements for the OSCAR/Analysis module; | LOW | TBD | Users of an OSCAR/Analysis module are unlikely to be OSCAR NFPs, the expertise lies within the OSDE community. We can discuss with IPET OSDE how best to do this.  A first step could be to improve the reporting of information held within OSCAR/Surface. |
| 1. To coordinate and advise on the integration of the various OSCAR modules/databases, in collaboration with CBS/IPET-OSDE (responsible for OSCAR/Requirements) and CBS/ET-SAT (responsible for OSCAR/Space); | LOW |  | Is this tasking relevant in light of the challenges of completing the information within the OSCAR/Surface |
| 1. To contribute to the revision and further development of guidance material related to the use of the various modules of OSCAR for the Guide to WIGOS; | MEDIUM | Synchronised with the review/refresh cycle for the WIGOS Guide | Is the OSCAR User Manual part of the WIGOS Guide. Should this be disconnected so it can be updated more frequently? |
| 1. To investigate if and how an "open source OSCAR/Surface compatible package" could be made available for Members to be used at a national level. | LOW |  | Some Members have the desire to install a local instance of OSCAR, wish to control the sharing of metadata. However this is not really necessary when all the information is held in the cloud. |
| 1. To report to ICG-WIGOS on the progress made. | HIGH | Synchronised with ICG WIGOS reporting schedule | Currently the interface with OSCAR project team is formally via ICG WIGOS. |