20150504 Telecon TT-AvXML

Date: 4 May 2017

Time: 11UTC

Location: WebEx

**Attendance**

Chair:

Secretary: Foreman

WILSON, KAMIL, HEDLEY, KOIVUNEN, KOROSI, ZINKHAN, OBERFIELD, PETSUWAN, FECHNER, CHOY, BRAECKEL

**Notes (Type: A**ction**, I**nformation**, D**ecision**)**

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| --- | --- | --- | --- | --- |
| No. | **Description** | **Who** | **When** | **Type** |
|  | **Selection of team chair** |  |  |  |
|  | The team selected an interim chair Mark Hedley until a permanent chair can be found. |  |  | D |
| **2** | **Work needed to implement latest changes required by ICAO** |  |  |  |
|  | ICAO requirements are defined in the documentation the wiki.  Aaron commented that the space weather reports were similar to the Volcanic Ash Advisories. |  |  | I |
|  | The opportunity should be taken to simplify IWXXM.  Allow "data centrism" to support SWIM. |  |  | I |
|  | IWXXM 3.0 should be submitted to late in 2018 for final approval by Congress in May 2019. Schemas would need to be ready by March 2018. Testing versions should be available by December 2017.No change requests after September 2017 would be possible. ICAO WG MIE will be told this timescale. (In the IWXXM 3 study note) | Braeckel | WG MIE | A |
|  | Milestones will be sketched out by Mr Hedley with cooperation of | Hedley | End May | A |
|  | Hong Kong will be hosting a meeting on IWXXM in October, so a meeting in the following week (of October 16) would allow feedback from the Hong Kong meeting. It is likely to need 3-4 days. Choy will block the venue in HK for the week to provide an additional choice of meeting venue. | Choy |  | A |
|  | The release should contain:  IWXXM simplification  Space weather  Introduction of "data-centric" and "table-driven" structure    A draft release content plan is needed. Mr Hedley will include this in the work plan | Hedley | End May | A |
|  | The specification of the Space Weather reports had been based on the existing TAC reports that did not allow the potential of GML to be exploited. With a view to align the description of geographical features used by GML and TAC, WG MIE should asked to involve the GML experts in preparing the specifications for information requirements. Propose this (through MIE) to the Met Panel. (In the IWXXM 3 study note). Although development of the TAC should be minimized, ICAO continues to develop them, and any changes to the TAC have to be coordinated with the evolution of IWXXM. | Braeckel | WG MIE | A |
|  | Send Braeckel a list of TAC features that are a problem for GML with a view to be replaced by TAC descriptions allowing two way conversion between TAC and GML. | Choy |  | A |
|  | Issues:  In Annex 3 only selected fields in METAR/SPECI allow solidii (i.e. "/") - should all of them be optional in IWXXM to allow for sensor failures? (Sections 2.3.3.2.8 and 2.3.3.2.9 of WMO No.386 permit the use of solidii to indicate missing information in TAC but this is obviously in contradiction to Annex 3) - nilReason would state why. |  |  | I |
|  | Should the schema be stored in github as a way of receiving collaborative feedback? Or does this cause issues over raising issues over (the expected community) ownership? Anyone wishing to explore the use of github or equivalent should contact Mark Hedley to come up with recommendations. (Choy, Braeckel nominated themselves). | All |  | A |
|  | XML schema 1.1 - it is still not clear what the benefits would be. EA can produce schema 1.1 outputs |  |  | I |
|  | Choy asked for volunteers to be involved in generating the schema from Enterprise Architect (to endure that we are not dependent on a small number of individuals). Contact Choy. (This should be consistent between iwxxm and wmdr - the iwxxm process is documented in the svn repository). | All |  | A |
|  | Add to svn repository: Hedley. | Foreman |  | A |
| **3** | **IWXXM 2.1** |  |  |  |
|  | IWXXM 2.1 had been created to resolve a problem with SIGMETs containing multiple phenomena. It would either be presented to EC-69 for approval, or (if not possible and the fast track is approved by EC-69 for use with the Volume I.3 of the Manual on Codes) use the fast track. |  |  |  |
|  | Annex 3 limits the number of cloud levels to 2 and iwxxm reflects this (though the limit could be removed). Zinkhan will check if the need of additional levels (triggered by the Icelandic VA event) had been raised and discussed in relevant European forums. Mr Braeckel will raise with ICAO (through an appropriate group) the possibility of increasing the number of levels that may be reported. | Zinkhan, Braeckel |  | A |
|  | Codes.wmo.int changes for 2.1: some observation types may need adding. IBL will send the list of missing codes.wmo.int items to Mr Hedley, and Choy will send the list from the ECMWF wiki. | Korosi, Choy |  | A |
| **4** | **AOB** |  |  |  |
|  | Investigate moving from the ECMWF wiki to github, the one at Boulder, or another strategic repository |  |  |  |
|  | Foreman to send a Doodle for a telecon at the end of May (2100 HK, 0700 Boulder, 1500 Paris). | Foreman | 9 May | A |