

## 1 Response to Topical Editor

Thank you for the feedback. I have implemented the corrections, with interpretations described below where they are non-trivial:

- p6, l131: I've used "infeasible", which my spell-checker prefers to "unfeasible";
- p10, l180: Changed to "parameters and requirements in attributes of metadata records";
- p17, l323: Changed to "however there is a significant amount of additional semantic structure within the DREQ that is not explicitly represented";
- p22, l463: Changed to "if the programme as a whole is to meet", to preserve the intended reference to the expectations on CMIP as a whole, rather than of individual components.

## 2 Additional corrections:

Line numbers refer to latest version:

- p3, l59: "Evolving requirements added complexity to the design ..": replaciing "complicated" with "added complexity to";
- p3, l60: Replace "DREQ, but arose from the interconnection between .." with "DREQ. These requirements arose through interactions between ..". The original longer sentence is not clear garmmatically.
- p22, l462: Change "The impressive CMIP leveraging is largely due to volunteer .." to "The impressive CMIP impact is highly dependent on volunteer ..", to avoid use of "leveraging";
- various: "center" and "meter" replaced with "metre" and "centre", and additional spelling corrections.
- formating of table slightly modified due to change from "longtable" to "supertabular" package.