

Subject: [EXTERNAL] news from SOIS on ASL-ADD

Date: Tuesday, April 21, 2020 at 4:29:41 PM Pacific Daylight Time

From: r.krosley@andropogon.org

To: Shames, Peter M (US 312B), 'Roger Thompson'

Hi Peter and Roger,

Brief status: I have gotten responses from three SOIS working group participants, and have responded with a spread sheet of draft responses. The comments relate mostly to SOIS sections of the document. (Perhaps I should say “onboard” sections of the document; Erik has a good point on the mention of CCSDS organizational areas.) I expect these to be discussed in SOIS during the Spring teleconferences. I can share the spreadsheet with you if you like, but the draft responses are liable to be altered in teleconferences.

One of the points made in today’s (April 21) conversation was to alter the way the green book indicates [Future] developments. The tag [Future] identifies a roadmap item that will be standardized by the working groups in the future. The topics marked [Future] in SOIS sections came from a number of participants, but not all participants agree that all such topics should actually receive their attention in SOIS. For example, CAST implemented the Device Data Pooling Service, which has been silvered, and they would like to revive that recommended practice. Some others in the group do not wish to spend time on that effort. SOIS cannot eliminate undecided [Future] items, because differences in requirements among missions through time could lead people to change their opinions on whether to standardize a feature. So, to recognize these legitimate differences of opinion, it was suggested today that we should replace the [Future] tag with the [Potential] tag. The [Potential] tag would carry part of the previous meaning of the [Future] tag, which is that the features have not yet been committed to publication. The additional meaning of [Potential] is that the features may never be committed to publication.

The meaning of the [Future] tag is explained in the MOIMS section 4.2, but there is not a corresponding explanation for SOIS. So there is some freedom to use the [Potential] tag in SOIS, since an explanation should be added for SOIS anyway. What do you think?

I think that a subset of SOIS participants could standardize a [Potential] feature that does not have full support of the group, and do so in a way that provides an interoperable interface in SEDS, if I suggest it as an outlet to resolve questions about what should be on the roadmap.

Ramon