

Meeting on status of NEMO V&V roadmap: 18 Dec 2019

Present: Claire, Dorotea, Seb, Julien, Simon, Pierre, Mike, Amy

Actions on people are indicated by names in bold text.

Simon still does not have edit permission for the google document.

Julien to try again to give Simon permission. **If this fails Simon** to tell Mike and Dorotea so they can do updates for him.

Julien & Mike have each written some text for section 2. They suggest that each section is separated into the discussion of two tasks:

1. design, development and testing of a new science option or a new functionality
2. system integration and testing

Mike has had some difficulty finding a suitable scope for the discussion in section 2.

Mike to merge texts for **section 2** before the end of December (and tell the group when it's done). He'll also update the introduction and include an appendix discussing what development methodologies NEMO could follow.

Pierre agreed to update **Section 3** (the description/status of existing tools and procedures). He'll aim to complete that before the NDC on 8th January. Short summaries with links to existing twiki page descriptions are preferable to "cut and paste" text. **Claire** will check Pierre's text.

After some discussion it was felt that we don't need to provide a draft of our document to the NDC. It would be good to be able to say we have drafted the first couple of substantive sections.

Dorotea, Simon and **Mike** would like to contribute ideas on **unit testing** for **section 4**.

Seb will contribute a summary of possible system integration tests drawing on ideas from other models (e.g. MOM and ROMS) for **section 4**.

Claire will include the notes from the merge party discussion on V&V as an **appendix**.

Claire will describe the possibilities for continuous integration in **section 4** (tools and procedures).

Pierre will add his proposal for nightly SETTE tests of bug fixes within **section 5**. This will outline a process for resolving test failures.

We will defer work on the long term roadmap until we've got more substantive text for the earlier sections.

We will meet next at DRAKKAR (3-5 Feb).

Mike to liaise to identify a time once the DRAKKAR time-table is known.