Minutes of NEMO DevCom subgroup meeting – December 2017

During last meeting of NEMO Developer's Committee (https://forge.ipsl.jussieu.fr/nemo/wiki/DevelopersCommittee/2017June), the role and organisation of the Committee have been discussed. In order to reduce duration of meetings and to focus on points requiring plenary discussions the Committee suggests to set up a "subgroup" to build a more focused agenda for the future meetings.
This subgroup should be a quite small group (proposed 3 experts). Its role is to define the agenda of each meeting. In order to fulfil this task, the subgroup will gather information and meet before plenary Developer's Committee meeting, through videoconference. During this meeting, the status of work and projects will be presented and discussed, and if relevant, problems will be raised.
As conclusion of this meeting, the subgroup will define the agenda of Developer's Committee, and will prepare a brief presentation of work status of actions not requiring plenary discussions, i.e. when work is on tracks and evolves fine and in time.
The objective of this new organisation is to keep the ability of Developer's Committee to have a full overview of the on going actions while focusing the agenda on the points requiring discussion.

The subgroup members are Mike Bell, Dorotea Iovino, Claire Lévy and Julien Le Sommer. This group met in December 2017 after gathering information on state of the art of on going and scheduled work within NEMO System team and NEMO Working groups.
The role of the subgroup is to examine carefully the subjects NEMO Developer's Committee should take in account in its next meeting in order to sort out:

- The subjects where everything is going on nicely (brief information to be give by subgroup during DevCom meeting)
- The subjects needing an item in the agenda of DevCom meeting: subgroup will prepare the discussion with the experts

Minutes of the December 2017 meeting:

Working groups:

Configuration Manager
The Working Group is requiring a clear definition of NEMO Consortium's understanding of "Configuration Manager" and strategy in order to foresee and organise the next steps between SIREN, need to have a setup tool for AGRIF and the more general configuration tool.
Discussion scheduled during Devcom meeting, after a very brief presentation (~2 slides) of the status today by WG leader S. Ciliberti.

TOP discussion group
This recent WG has started discussions. For 2018, focus is on documentation of TOP and discussion on interfaces. Pierre Mathiot will join the group for Met-Office.
One slide summary (2017 results, 2018 questions to target) to be sent by WG leader and presented by a member of subgroup during January meeting
Presentation of results may be useful to schedule for mid-2018 meeting of DevCom.

Air sea interaction
This partly new WG is expected to include the existing Wave Coupling WG so as to take in account the other aspects of air-sea interactions. Discussions are now going on between Emanuela Clementi (leader of Wave coupling WG) and Sébastien Masson (proposed leader of air-sea interaction WG) on how to reorganise the work. Brief presentation by Emanuela and Sébastien, and ~10 minutes discussion scheduled during Devcom meeting to design the activities of WG in 2018

AGRIF
Ideas and plan of activity on AGRIF developments in and for NEMO are now quite clear, so that WG is now more organising the work than planning it. Brief presentation by Jérôme Chanut to raise issues for discussion scheduled during Devcom meeting

HPC
WG is at work, with a number of options in discussion for now. Some important actors are leaving (Tim, Martin). One slide summary (2017 results, 2018 questions to target) to be sent by WG leader and presented by a member of subgroup during January meeting

Sea-ice

WG is at work both to build the new European sea-ice model and to schedule work and find resources.
Brief presentation by Ed Blockey and Martin Vancoppennolle to to design the activities of WG in 2018 scheduled during Devcom meeting

Robustness and test cases
WG itself not very active this year but major results in 2017: the methodology and tools to set up a test case have been elaborated and a number of test cases have been implemented. For 2018, focus is on addition and update of test cases on the NEMO release in preparation.
One slide summary (2017 results, 2018 questions to target) to be sent by WG leader and presented by a member of subgroup during January meeting
Presentation of results may be useful to schedule for mid-2018 meeting of DevCom.

Kernel
This new WG has been proposed by Mike Bell in order to discuss more often and to implement NDS strategy for NEMO kernel. WG's organisation is ongoing.
Brief presentation by Mike Bell to raise issues and propose list of members of WG scheduled during Devcom meeting

Data assimilation and interface, modelling uncertainties
No meeting since 2016. Brief point of information to be done by subgroup during Devcom meeting.

Report on 2017 workplan: information to be sent before meeting and presentation useful during meeting
2018 workplan draft : information to be sent before meeting and presentation useful during meeting

Other subjects proposed by subgroup for the agenda:
- NDS document final approval
- Information on important calls or projects
- Information on XIOS and OASIS: possible evolutions, convergences, sustainable resources for development and support
- Presentation on open development practices elsewhere (Alistair Adcroft or Todd Ringler)

Proposed agenda: now fits in only an afternoon
Taking in account decisions above, now added https://forge.ipsl.jussieu.fr/nemo/wiki/DevelopersCommittee/End2017