



ALADIN LTM meeting
Tuesday 2 October 2018
16:00-18:15
Toulouse, France

Minutes

Participants

ALADIN Program Manager : Piet Termonia

Representatives :

Algeria : **Mohamed Benamara** (dep. LTM)
Austria : **Christoph Wittmann** (LTM)
Belgium : **Alex Deckmyn** (LTM)
Bulgaria : **Boryana Tsenova** (dep. LTM)
Croatia : **Antonio Stanesic** (dep. LTM)
Czech Rep : **Petra Smolikova** (dep. LTM)
France : **Claude Fischer** (LTM)
Hungary : **Mihaly Szucs** (LTM)

Morocco :
Poland : **Jadwiga Woyciechowska** (dep. LTM)
Portugal : **Maria Monteiro** (LTM & DAcoord)
Romania : **Raluca Iordache** (dep. LTM)
Slovakia : **Jozef Vivoda** (LTM),
Slovenia : **Neva Pristov** (LTM)
Tunisia : **Wafa Khalfaoui** (LTM)
Turkey : **Alper Guser** (LTM)

LACE Program Manager : Martina Tudor

ACNA: Maria Derkova (Mariska)

Support Team : Patricia Pottier

1. Opening and welcome

Mariska opens the meeting and welcomes the participants. All ALADIN partners are represented except Morocco.

2. Adoption of the agenda

The agenda is adopted without modification (see Annex 1).

3. Code and cycles

3.a. Usual MF report on codes/cycles/suites

Claude opens the floor for comments or questions on the “progress and plans on the cycles and MF e-suites” document he sent before the meeting (Doc 3.a). This document (and the previous ones) can be found on the article with the history of the cycles that is available on the aladin website (main modifications, phasing teams) : <http://www.umr-cnrm.fr/aladin/spip.php?article64>.

MF suites :

- CY43T2_bf.08 was used as base version for the current OLIVE parallel suite that includes new horizontal resolutions for global systems deterministic, EDA, EPS and other scientific changes (detailed in Doc 3.a). By the end of November, 3-4 months of e-suite in operational context will begin, for a possible switch to operation end of 2019Q1.

- Another e-suite is planned in 2019, based on 46T1, or based again on 43T2 focusing on observations and physics improvements

Cycles :

- CY46T1 is being built in Toulouse, and should be declared in December .
- The next joint IFS/ARPEGE/LAM cycle is CY47 : it will contain OOPS re-factoring in IFS FORTRAN codes, plus contents from CY46R1 and CY46T1.
- The calendar (spring or autumn) and the strategy for CY47T1 (when/without a CY47T2 ?) will be decided later and presented at the next LTM
- New MF supercomputer is expected in Q1-Q2/2020

Phasers :

- 3 ALADIN phasers volunteered for CY46T1. **Other volunteers are still welcome** (contact Claude).
- **Claude also asks the LTMs to consider checking with their team for possible volunteers for the next phasings.**

3.b. Porting of CY43t2 export version by Partners

CY43T2_bf.09 was used as base version for the Aladin export. Mariska summarises (https://docs.google.com/spreadsheets/d/1_IQMFDaRRDNEng21asHKQ42Hx-1lOnRG3EX3BtfzVo/edit#gid=1936975999) the status of its installation at Partners' institute : some issues were reported with GMKPACK (Ryad is aware and working on improvement) ; other problems were reported that are being prepared for a new bugfix n°10). Mariska asks that Claude and herself are in copy of all messages reporting issues that are sent to MF experts.

4. Possible update of LBC files from Arpege

For Partners coupling with ARPEGE and who want to profit from the increase of ARPEGE resolution to upgrade their LBC data or who need any other update of the LBC data, a preliminary possible window for a coordinated change is summer 2019 (prob. end of June or July 2019, to be confirmed with Meteo-France Operations & IT departments).

Mariska will gather the wishes of all Partners (resolution, domain, frequency) and check with them how they are getting the coupling files (internet, RMDCN, through ECMWF backup, ...). With Claude, they will then evaluate the increase of size. The feasibility of each request will then have to be evaluated in coordination with MF's Operations and IT Departments (Claude stresses that bandwidth between MF and each Partner could be an issue).

MF has tools (e923 in CY43 under OLIVE system) to create the PGD and CLIM files. These tools should be upgraded for Partners to run them on Beaufix from distance and Alexandre may help to optimize them. **The LTMs should look for a possible candidate in their team to help with this task and come to Toulouse later this year or in January 2019** (1 or 2 weeks stay on MF funding)..

5. Rolling Work Plan

5.a. Manpower reporting

Questions (and answers):

- Patricia shows the summary of the questions sent by the LTMs when using the new tool for the manpower reporting and the remarks from the PMs when they checked the 2018Q1

reported work. This document is discussed during the meeting and **will be regularly updated (see [FAQ](#))**. In order to be more consistent with HIRLAM practice, it is decided to propose to PAC/HAC to move some work from NoRef to COM3.1 : the COM3.1 Work Package, initially dedicated to the ACNA coordination work, is enlarged to “Maintenance and Partners' implementations of ALADIN system”, not only the coordination by ACNA, and now includes additional task COM3.1.5 (Operational implementations at ALADIN NMSs) and task COM3.1.6 (Quality assessment of operational suites).

- Piet and Patricia will check the data already reported (2018Q1&Q2) and change “NoRef” into “COM3.1” when necessary. The LTMs will be asked to check the changes, after it is presented to PAC.

First statistics:

- Patricia demonstrates how the LTMs can get on-line statistics (tables, graphics) on the manpower they have previously registered (data since 1991); the LACE PM has access to statistics over LACE and Piet to statistics over the whole ALADIN consortium.
- She shows some statistics on the comparison between the manpower committed in the RWP2018 and the realization during the first semester of 2018 (for ALADIN+HIRLAM, as it will be shown to PAC/HAC).

5.b. Manpower contribution to the 2019 RWP

The commitments from some NMS (Austria, Belgium, Bulgaria, Romania, Morocco) are still missing. The LTMs should send them urgently, before the RWP2019 is proposed to PAC/HAC (*n.d.r. : done during the week*).

To answer the question raised by some LACE LTMs, **Martina confirms that, even if some WPs cover parts of the LACE Work Plan, the manpower should be committed by each LTM, not by the LACE area leaders, nor the LACE PM.**

6. DA coordinator activities including report from DA BasicKit WD in Bucharest

Maria has been very active in this core program from ALADIN. She reports on the 2018 DAsKIT WD, jointly organised with LACE DA Working Days last September in Bucharest, after the 2018 progress survey made among DAsKIT countries, had shown they managed to pre-process GTS BUFR SYNOP data in-doors but had a concern on local surface DA.

- Review talks were given (SURFEX, DA, data monitoring, validation, ...).
- Exercises (Tools) have been prepared to help DAsKIT countries to implement a cycling system in-doors : in particular, a set of scripts to solve the basic surface DA steps on a particular cycling network.
- The usage of tools for local data monitoring (stand-alone OBSMON and MANDALAY) and data validation (HARP) was demonstrated and the experience with its local installation was exchanged.

The presentations and an extensive report are available [on the dedicated page](#) on the aladin webpages.

The next steps are :

- in the follow up week, MM will prepare a google worksheet to monitor the finalization of the WD exercises; a question on the WD format will also asked (there are some proposals from Roger to join the HIRLAM DA days beginning of 2019 in Hungary; but it too early to be joint with the LACE DA WD in autumn and the scope is probably different : HIRLAM DA are training course on DA), **t.b.discussed between LACE AL, LACE PM, Maria, Roger and Jeanette**;
- countries are expected to finalize the local installations of OBSMON, to set a surface DA cycling in accordance with the tools provided during the WD; to validate the surfDA cycling, either with local or HARP tool.
- a new video-conference will be done up to the end of the year

The DAsKIT participants acknowledged that the working days do help them to progress : they were tasked to cycle the 2018DAsKITWD surface DA exercise at home and 7 over 8 succeeded. Mariska congratulates Maria for this big progress.

7. Support team information

The LTMs are asked to think about what is important with respect to the ALADIN activities in their NMS in 2018, to be shown to the Directors in Piet's Tour d'Aladin at the next ALADIN GA (19th of November in Zagreb) and to be published in the next Newsletter (due in January 2019). LTMs should prepare :

- **deadline November 4, 2018** : one **slide** to be shown by Piet during the next GA (in order to make sure this Tour d'Aladin is given enough time and attention, this point will be put at the start of the agenda ; Please use the slide 2 of the template (.odt, .ppt, .pptx) available on the aladin website : <http://www.umn-cnrm.fr/aladin/spip.php?article315> , add information on the “note part” of the slide and send the slide to Patricia.
- **deadline January 9, 2019** : one **article** for the “tour d'ALADIN-HIRLAM” in the 12th ALADIN-HIRLAM Newsletter (see <http://www.cnrm.meteo.fr/aladin/spip.php?article260> for the NL templates).

Please also **update your operational data on the aladin website** (models, domains, ...) in order to have an updated picture for the PAC & GA :see <http://www.umn-cnrm.fr/aladin/spip.php?article129> : **deadline November 4, 2018**.

8. Status of the convergence with HIRLAM

Piet reports on the status of the ALADIN-HIRLAM convergence process and the last achievements, some already known by the LTMs (new format for the joint ALADIN/HIRLAM Rolling Work Plan, new manpower monitoring tool). The directors tasked the PMs and the PAC/HAC to clarify the scope of the collaboration. A first document was prepared for and discussed during the last PAC/HAC ([Minutes last PAC/HAC](#)) and will be further scrutinised at the next PAC/HAC meeting (Prague, 22-23 October 2018), for proposal at the next GA/C (Zagreb, 19-20 November 2018).

He reminds that the minutes of these minutes (with some preparatory documents) are available on the aladin web-site.

9. A.O.B. and Closing

Neva announces that the ALARO1 WD will take place next year in Slovakia, more details in January 2019.

Neva asks how to make visible in the RWP2019 that LACE wish to contribute to MUSC with ALARO. LACE would also like to organise an ALADIN/HIRLAM/LACE training course on MUSC but would need the help of MUSC experts such as Eric Bazile (MF), Daan (CA), Laura (HIRLAM).

This training would be aimed to help beginners using MUSC but also to train 1 or 2 persons interested in helping in the maintenance and the development of MUSC tools.

This is to be further discussed among Neva, Martina, Piet and other concerned people.

The next LTM meeting will take place in Madrid, besides the ALADIN Wk/HIRLAM ASM, on Tuesday 2nd of April 2019.

Annex 1 : Agenda with list of preparatory documents

	Agenda	Introduced by	Decision, comments, information	Documents
1.	Opening and welcome	ACNA		
2.	Adoption of the agenda	ACNA		Agenda
3.	Code & Cycles			
3.a	Usual MF report on codes/cycles/suites	CF	information	Progress and plans
3.b	Porting of CY43t2 export version by Partners	ACNA	information	
4.	Possible update of LBC files from Arpege	ACNA/CF	information	
5.	RWP			
5.1	Manpower reporting <ul style="list-style-type: none"> • Questions (and answers) • First statistics 	PP		FAQ On-line demo
5.2	Manpower contribution to the 2019 RWP	PT/PP		RWP_Ch2-3 RWP_Ch1
6.	DA coordinator activities including report from DA BasicKit WD in Bucharest	MM	information	Presentation; DA coord webpage
7.	Support team information (NL, slide for GA)		information	NL page Tour d'ALADIN Template
8.	Status of the convergence with HIRLAM	PT	information	Minutes last PAC/HAC
9.	AOB			