

23rd ALADIN LTM meeting
Tuesday 3 October 2017
16:00-18:00
Reading, UK



Minutes

Participants

ALADIN Program Manager : Piet Termonia

Representatives :

Algeria :

Austria : **Florian Meier** (dep. LTM)

Belgium : **Alex Deckmyn** (LTM)

Bulgaria : **Boryana Tsenova** (dep. LTM)

Croatia : **Martina Tudor** (dep. LTM)

Czech Rep : **Petra Smolikova** (dep. LTM)

France : **Claude Fischer** (LTM)

Hungary : **Mihaly Szucs** (LTM)

Morocco :

Poland : **Bogdan Bochenek** (dep. LTM)

Portugal : **Maria Monteiro** (LTM)

Romania : **Alexandra Craciun** (dep. LTM)

Slovakia : **Michal Nestiak** (dep. LTM)

Slovenia : **Neva Pristov** (LTM)

Tunisia :

Turkey : **Alper Guser** (LTM)

LACE Program Manager : Yong Wang

ACNA: Maria Derkova (Mariska)

HIRLAM observer : Jeanette Onvlee

Support Team : Patricia Pottier

1. Opening and welcome

Mariska opens the meeting and welcomes the participants. All ALADIN partners are represented but the North-African LTMs (it proves really difficult to apply for a UK entrance visa).

2. Adoption of the agenda

The agenda is adopted without modification.

3. Rolling work plan with HIRLAM - LTM tour the table for manpower commitments

Piet reminds that, as he explained in Helsinki, the Directors approved the reorganisation of the common ALADIN-HIRLAM Rolling Work (see [the Minutes of 22nd LTM meeting](#)). In the last HMG/CSSI meeting, a process for writing the common Rolling Work Plan (RWP) was agreed upon : a template for Work Packages (WPs) description was proposed with the aim to clarify efforts on code phasing and maintenance, to identify t-code and non-t-code deliverables, responsible redactors,

The RWP has been written during summer and is not final yet (the text in chapter 1 has still to be agreed with HIRLAM). The LTMs have been asked to commit the manpower in the WPs and some contributions are still missing. The RWP will be sent to the PAC for approval and the HAC will scrutinize it at their meeting (October 18).

Piet opens the floor for comments. The Czech representative misses a WP for phasing and asks if verification and e-suits preparation is supposed to be a part of WP. Piet answers that the phasing WP will be part of the chapter 1. As for verification and e-suite WPs, the question will be raised at PAC to keep these WPs or not in the RWP. Jeanette comments that operational and verification activities are considered as HIRLAM specific activities, thus have been included in the work plan. A common practice should be found.

4. Code & Cycles

4.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 4.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>.

Claude asks the LTMs to express his thanks and appreciation to the members of their teams who participated to the recent phasing exercises in Toulouse. Altogether, the ALADIN phasers in Toulouse account for 1 Full Time Equivalent and provide a significant help.

All LTMs should now check within their teams for potential candidates for the upcoming phasing exercises in Toulouse: CY46 (cycle with several new stages of the FORTRAN re-factoring of the IFS for OOPS: February - March 2018) and CY46T1 and further validation of existing codes (April – June 2018, or autumn 2018, to be confirmed later).

The evaluation and improvements of the MF e-suite are ongoing for one full year and the switch to operations is still to be decided and could possibly occur at the earliest in the end of November. The next e-suite (2018) will be mainly dedicated to increasing the resolution of Arpège.

4.b. *Contributions to CY45T1*

See the preparatory document sent by Claude for the list of contributions.

4.c. *The export version*

Mariska asks whether the LTMs should prepare to implement a new export version in 2018.

Claude explains that the main blocking issue is the CANARI code that needs to be partly re-written due to refactoring of observations and OOPSification. It is necessary to build expertise on CANARI and to resume the maintenance in Meteo-France and in the consortiums, also with the long term perspective.,

Claude welcomes any ALADIN or HIRLAM colleague interested in gaining knowledge in the CANARI code. Jeanette will discuss with the HAC/HMG and the new HIRLAM CA for DA in order to help with the validation of the DA in CY43 and the maintenance of the CANARI code. Piet encourages the LTMs to look for possible candidates in their teams.

About the calendar of the export versions, Claude proposes a new version in 2018 if it is feasible with CY43T2. It is too early to decide on an export version based on CY45.

Piet concludes that the possibility to implement CY43 or CY45 as the next export version will be discussed during the ACNA WebEx meetings.

5. ARPEGE with SURFEX => impact on LBC

Mariska summarises the situation with Arpege e-suite in MF running with SURFEX surface scheme:

- SURFEX surface and soil variables are not compatible with ISBA variables that are part of LBC files => issue relevant to ALADIN Partners that are coupling with Arpege
- A SURFEX -> ISBA field conversion has been prepared at MF with the main goal that everything is to be transparent for Partners (no action is required at the moment of the Arpege e-suite switch to operations).
- After their first tests with the LBC files from the e-suite, some partners had reported a worsening of the scores of some parameters.
- Some significant improvement was noticed after modifications in the Arpege e-suite and Daan's proposal for a specific the conversion tool.
- The Arpege e-suite is ongoing and still under evaluation.

It is decided that LACE, Belgium and Portugal will resume the testing with the LBC produced with the last version on the Arpege e-suite binary including the conversion tool. MF will produce sets of LBC files from +0 through +48h on the full month of April 2017, over the 3 domains (LACE with both assimilation and production data , Belgium and Portugal with production data only)

6. Support team information

6.a. TLS stays+workshop, FR stays

The next joint ALADIN Workshop / HIRLAM ASM will take place in Toulouse on April 16-19, 2018. Please consider staying during the whole 4 days, some sessions will probably be organised also on Thursday afternoon. We have successively applied for a [ESOF2018](#) label, thus the Wk/ASM will benefit from an increased level of visibility and the agenda will be enhanced with a public conference (probably on Thursday evening).

About FR stays : among the flat-rate visits planned in 2018, two visits have been cancelled (2 weeks on FR-Turkey and 3 weeks on FR-LACE). The LTMs are proposed to use this money for any flat-rate visit they would need to organise before the end of the year (some proposed visits were removed from the initial flat-rate actions as we had got more proposals than available funding).

Toulouse stays: we managed to have all requested rooms for our visitors but it proved really complicated for room and office organisation (and costly for MF funding) when visitors changed their dates at the last moment. The LTMs are kindly asked to pass this message to their team and to make sure that the last minute changes remain exceptional.

6.b. Slides4GA + NL contributions (template + deadline)

The LTMs are asked to think about what is important with respect to the ALADIN activities in their NMS in 2017, to be shown to the Directors in Piet's Tour d'Aladin at the next ALADIN GA (21st of November in Krakow) and to be published in the next Newsletter (due in January 2018). LTMs should prepare :

- **deadline November 3, 2017** : one **slide** to be shown by Piet during the next GA; Patricia will prepare and distribute a template. Please use the slide 2 of the template (.odt, .ppt, .pptx) available on the aladin website : <http://www.umr-cnrm.fr/aladin/spip.php?article315> and send the slide to Patricia.
- **deadline January 8, 2018** : one **article** for the “tour d'ALADIN-HIRLAM” in the 10th 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 GA :see <http://www.umr-cnrm.fr/aladin/spip.php?article129> : **deadline November 3, 2017**.

7. A.O.B.

None.

8. Closing

The next meeting will take place in Toulouse, besides the ALADIN WK/HIRLAM ASM. Due to some expected changes in the agenda, there is no guaranty that the LTM meeting will occur on Tuesday 17th of April 2018, but some time during the week 16-19 April.

Annex : Agenda with list of preparatory documents

	Agenda	Introd. by	Decision, Comment, Information	Documents
1.	Opening and welcome	ACNA		
2.	Adoption of the agenda	ACNA		Agenda
3.	Rolling work plan with HIRLAM - LTM tour the table for manpower commitments	PT	Information/decision	RWP2018
4.	Code & Cycles			
4.a	Usual MF report on codes/cycles/suites	CF	information/discussion	Doc4.a
4.b	Contributions to CY45T1	CF	information	
4.c	The export version	CF	information	
5.	ARPEGE with SURFEX => impact on LBC	CF/ACNA	Information/discussion	
6.	Support team information		information	
6.a	TLS stays+workshop, FR stays	PP	information	flat-Rate-4-LTM
6.b	Slides4GA + NL contributions (template + deadline)	PP	information	Templates (Newsletters , slides)
7.	AOB			