

2nd Meeting of ALADIN Local Team Managers

Oslo (Norway), CIENS Building, 25th April 2007

Minutes edited by Martin Janousek

1. Opening

M. Janousek, ALADIN-2 officer for networking aspects (A2ON), welcomed the participants to the second LTM meeting, taking place in frame of ALADIN/HIRLAM Workshop, and opened the meeting.

2. Adoption of the Agenda

It was proposed to add discussion on the GLAMEPS issue to the item 7.

3. Review of events since the last LTM meeting

M. Janousek gave a brief summary of major actions taking place since the last LTM meeting (Bratislava, November 2006). It was said that the first LTM meeting provided good input to PAC 2nd session.

- ALADIN General Assembly, taking place on 9-10 November was given two LTM-related documents for consideration: LTM Terms of References with comments risen during the first LTM Meeting and LTM Meeting Minutes. Both documents were approved by GA. Further GA considered and approved the workplan for 2007 with the request to review manpower allocation to items LAM-EPS, Dynamics, Surface and Physics Scientific Maintenance.
- ALARO-0 Training Course organized in April 2007 in Radostovice, Czech Republic, was meant to build common knowledge of the schemes and scientific maintenance principles and to set up networking. Since nine partners committed to the scientific validation three working groups were established and started their work. The training course delivered excellent set of living documentation which shall be updated regularly. But it is in the duration that the adequation to the Météo-France request will be judged. A. Bajic noted that in line with the working group tasks the topic of master thesis of Dunja Drvar was reoriented. Other trainees have started to work on the various follow-on topics as well and exchange information to maintain their knowledge of the ALARO-0 status.

4. Organizational and management issues

4.1. LTM ToR

GA approved Terms of References (see the appendix). There was no further discussion by LTMs on the issue.

4.2. Update of financial rules

Since new financial rules entered in the practice and immediate difficulties of their understanding revealed while applied to the quarterly accounting J.-F. Geleyn re-explained the rules. He explained three components of the budget, namely flat rate, voluntary contributions and in-kind contributions and clarified some unclear issues. In particular, he stressed that for

missions financed from the flat rate no money can be advanced. Such mission shall be covered by the participant's home institute and the institute will be reimbursed after money is collected in the budget. There is a novelty in 2007 that there will be a call for tenders for 2008 stays (but not for missions) financed from flat rate (neither by Météo-France nor by LACE) accompanied by a list of eligible topics. For 2007 stays a mixed solution was applied, part of stays was decided and part selected from tenders but for 2008 the tender system will be used fully. D. Klaric presented offer of RC LACE to support stays from the royalties of LACE R&D budget which is opened for non-LACE countries as well.

4.3. On information exchange

New functions of ALADIN web at CNRM presented by P. Pottier during the Workshop were recalled as well as the ensuing maintenance duties for LTM. LTM are invited to visit <http://www.cnrm.meteo.fr/aladin/oper/oper.html> and to check validity of the operational settings of their versions of ALADIN. The web now allows interactive modification of every partner's data after login.

C. Fischer noted the new cleaning of namelists is under preparation which will encompass offer of validation of the operational namelists/cycles/auxiliary files choices of each Partner.

M. Janousek offered all LTMs to send their operational namelist for a simple inter-comparison as a first step for namelist inventory. The reported namelists inter-comparison is available on-line on <http://www.chmi.cz/meteo/ov/aladin/namelcomp/>.

5. Scientific and technical issues

5.1. ALARO-0 Training Course

A more detailed presentation was given by J.-F. Geleyn after the LTM Meeting.

5.2. Phasing CY32T1/CY32T2

C. Fischer briefly presented the status of CY32T1 phasing. The cycle for which the export package is scheduled for May will contain the state-of-art ALARO-0 code. The call for next phasing (autumn 2007) will be made soon.

5.3. On the ARPEGE operational switches

The updated document on the rules for common operational changes in ARPEGE/ALADIN was recalled and accepted with no further comments. It will further serve as a firm guidance for common operational changes planning and performing.

Current experience with preparation for ARPEGE migration to NEC computer at Météo-France and common testing of new coupling files was recalled. M. Janousek noted that forum-like information means would have been more practical than e-mail exchange for that particular exercise.

C. Fischer outlined main future changes of ARPEGE coupling files, encompassing the increase of horizontal and vertical resolution (end of September 2007) and consequences of introduction of SURFEX into operations (new surface fields, steps towards ECOCLIMAP database).

5.4. Issue of envelope/mean orography in telecomm files

M. Janousek recalled the need of proper combination of type of orography (mean vs. envelope) used by the *model* and the gravity wave drag parameterization and setting. However if tests show the orography choice in the *telecomm* coupling files has no effect on downstream ALADIN applications it is proposed to unify orography in the telecomm files (probably to use mean orography). Anticipated change of ARPEGE coupling files resolution seems to be a good

occasion for such change. Of course, the choice of orography type on the *integration* grid will be still in hands of each Partner.

5.5. Files frame format used by Partners

Both versions of FA files frame format are still supported by ARPEGE/ALADIN but new format (NCADFORM=1) became default in the recent cycles and the support for old format will be suppressed in some future cycle. Everybody is therefore encouraged to switch to the new format and/or use convertors for downstream applications. The file frame format convertor can be obtained from Météo-France or from A2ON.

5.6. New computers at Météo-France

C. Fischer informed on the planned migration from Fujitsu to NEC supercomputers and from andante to the new ClearCase server merou and triolet.

6. ALADIN work plan 2007

J.-F. Geleyn outlined the next steps of the planning process. The new strategic document will be issued after PAC meeting in June. A quick check of 2007 implementation plan will follow which will be input for 2008 plan preparations.

7. Projects

- **ALADIN verification project:** the project offers excellent unified basis for various ALADIN model comparisons. Every current and potential user is encouraged to propose what should be right form and content of regular *result synthesis* which is still missing as an important project product.
- **GLAMEPS:** Rather low participation of ALADIN Consortium was mentioned during the Workshop and HMG/CSSI meeting. The reason is in the understaffing of the ALADIN participation to GLAMEPS and rather voluntary nature of ALADIN Partners' contribution to the project. Therefore following the discussion during the Workshop concrete tasks of the laboratory phase of GLAMEPS where involved ALADIN countries have enough expertise will be identified and appropriate mechanism along PM, CSSI and LTM line will be sought to get ALADIN committed to execute those tasks.

8. AOB

A. Horanyi informed about serious lack of manpower in the NWP team at HMS which set his team into difficult situation.

9. Date and place of next LTM meeting, Closing.

It was proposed to organize next LTM meeting in October 2007 in frame of EWGLAM/SRNWP meeting in Dubrovnik. The time frame of 2.5 hours was found necessary for the meeting.

List of participants

Bachir Hamadache	Algeria
Yong Wang	Austria
Alex Deckmyn	Belgium
Andrey Bogatchev	Bulgaria
Alica Bajic	Croatia
Radmila Brozkova	Czech Republic
Claude Fischer	France
Andras Horanyi	Hungary
Hassan Haddouch	Morocco
Marek Jerczynski	Poland
Maria Jose Monteiro	Portugal
Simona Stefanescu	Romania
Martin Benko	Slovakia
Neva Pristov	Slovenia
Jean-Francois Geleyn	ALADIN Programme Manager
Martin Janousek	ALADIN-2 Officer for Networking Aspects
Dijana Klaric	RC LACE Project Manager