

ALADIN-LACE System Coordinator (ASC)

Plan 2020

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Date:	06/09/2019

1. Introduction and background

The activities of ALADIN-LACE System Coordinator (ASC) are listed in the Term of References of RC LACE Management Group and acts under the responsibility of Programme Manager.

2. Main activities

This is working plan of the RC LACE ALADIN System Coordinator (ASC) activities for year 2020. Please note that schedule and priority can be adapted by LSC request. The ASC main planned activities are:

- the common phasing of the ALADIN code at CNRM/Météo-France Toulouse
- technical actions related with new export version of the ALADIN code
- technical actions related with HARMONIE Verification Scripting System
- development and maintenance of the RC LACE web site and Forum
- technical support related with code implementation

Action/Subject: Phasing of common ALADIN cy48 cycle

Description and objectives: The main objective is to create/validate new cycle of ALADIN code cy48 based on IFS code ECMWF and local contributions. The action is organized by CNRM/Météo-France in period January – March 2020.

The whole ASC phasing action will be divided to 4 weeks stay at CNRM/Météo-France and additional remote phasing in period 4 weeks.

Proposed contributors & Estimated efforts: ASC, 2.0 PM

Planned timeframe and deliverable: January-April 2020

Action/Subject: Phasing of common ALADIN cy48t1 cycle

Description and objectives: The main objective is to create/validate new cycle of ALADIN code cy48t1. Is expected that the action will be organized by CNRM/Météo-France in autumn 2020. The whole ASC phasing action has been divided to 4 weeks stay at CNRM/Météo-France and additional local phasing in period 4 weeks.

Proposed contributors & Estimated efforts: ASC, 2.0 PM

Planned timeframe and deliverable: autumn 2020

Action/Subject/Deliverable: Export version cycle cy46t1/cy47t1 - support during implementation on others platforms/compilers.

Description and objectives: The main objective is preparation testing line for next expected export version of LAM model and validation of the model part for the LACE community.

Proposed contributors & Estimated efforts: ASC, 0.5 PM

Planned timeframe and deliverable: 2020

Action/Subject/Deliverable: Single precision – preparation for ALARO-1 configuration.

Description and objectives: The main objective is ALARO-1 implementation of single precision.

Proposed contributors & Estimated efforts: ASC, 1.0 PM

Planned timeframe and deliverable: 2020

Action/Subject: Administration and Maintenance of the RC LACE Web site, RC LACE Forum and RC LACE Verification site.

Description and objectives: Maintenance of the operational products, system support, administration of the RCLACE Forum and production common verification scores from LACE operational model outputs.

Proposed contributors & Estimated efforts: ASC, 0.5 PM

Planned timeframe and deliverable: continuous work

3. Summary of resources

There is the summary of the planned RC LACE ASC activities for 2020.

Subject	Manpower	LACE stays
ALADIN phasing	4.0 PM	2.0 PM
LAM export version – technical support	0.5 PM	
Single precision code	1.0 PM	
RC LACE Web site	0.5 PM	
Total:	6.0 PM	2.0 PM

4. Meetings and events

- 1) 30th ALADIN Workshop and & HIRLAM All Staff Meeting 2020
- 2) 34 LSC Meeting
- 3) 35 LSC Meeting
- 4) EWGLAM 2020
- 5) Phasing stay – cy48 , Météo-France
- 6) Phasing stay – cy48t1, Météo-France