

# **OOPS refactoring in IFS-Arpège Fortran - Cycles CY42-CY43**

## Model cycles proposed dates (18/01/2016)

		R	R2O	e-suite	O
<b>41r2</b>	Higher-res atm, model, DA, ..	15/02/2015	31/08/2015	On-going	08/03/2016
<b>42</b>	Merge with MF	18/06/2015	--	--	--
42r1	≡ dag_CY42R2_esuite_highres	30/06/2015	--	--	--
42r2	OOPS Tech. Refactoring. #1	30/09/2015	--	--	--
42r3	OOPS Tech. Refactoring. #2	31/01/2016	--	--	--
<b>43</b>	Merge with MF	31/01/2016	--	--	--
<b>43r1</b>	ORCA25z75 NEMO,4D-Var, model,	31/01/2016	01/06/2016	15/07/2016	15/10/2016
<b>41r2-B</b>	Cray Phase-2 (Broadwell)	--	15/03/2016	15/04/2016	15/06/2016
<b>S5</b>	Higher-resol atm and ocean	--	01/07/2016	15/09/2016	15/01/2017
<b>43r2</b>	OOPS Tech Refactoring. #3	31/05/2016			
<b>43r3</b>	Model, DA, ..	15/09/2016	15/11/2016	15/12/2016	15/02/2017
<b>44</b>	Merge with MF	30/09/2016	--	--	--
<b>44r1</b>	OOPS for RD use, ..	01/03/2017	01/06/2017	15/07/2017	15/10/2017

# OOPS refactoring in CY42R2 and CY42R3

## \* bit –reproducible with CY42R1

	CY42R2	CY42R3
Geometry ‘removing modules’ (Olivier)	☐	☐
JB (Mike)	☐	
ODB: new interface (Peter)	☐	☐
Observation Operator refactoring HOP, HOPTL, HOPAD (Alan + MF)	☐	☐
FULLPOS (Ryad)	☐	
Multiple Resolutions in 1 executable (Tomas)	☐	
GMV5/GFL5 → GMV/GFL (Tomas)		☐