





# **Coming soon on DUACS**

Later, early 2014, some improvements will also been applied on the real time, in terms of content and format. A full reprocessing will be released in the mean time to have an homogeneous data set over more than 20 years. •Upgrade of the global and regional Level3/4 processing (editing, filtering/subsampling, correlation, MDT, Reference period ...) and format

- •Reference period : 20-year instead of 7-year -> several cm of impact regionally
- •Mean profiles : reprocessed with new standards, averaged using 20 years

- •Formal mapping error expressed in cm
- •New format for grids ...

•Reprocessing of the 20 year time series with homogeneous standards, improving the whole time series (see Poster from Pujol et al)

•Upgrade of the Arctic product: An improvement of high latitude processing will be implemented and, additionally, we will insure a continuity between the global and Arctic product Integration of HY2 data (activity TBC)

•Updated methodology for mapping and geostrophic current calculation •Global product delivered with 1/4° Cartesian resolution instead of 1/3° Mercator •Along-track filtering reduced for noise reduction only (see Poster from Dufau et al)



20-year reference. The reference change will impact the mean of the SLA at regional scales



In Summary

 Introduction of Altika allowed us to maintain a rather good quality despite the loss of Jason-1

•Duacs Quality control outputs confirms the very good performances of Altika, as already shown exhaustively by the Altika Calval teams: good orbit, good availability of data, good noise level, ...

•The mesoscale is better resolved with Altika (3 satellites) with a better positioning of the eddies.

•First results highlights the potential interest of Altika to even improve the resolution of Duacs products

Topography (black lines) and SST(background image) on the Gulf Stream on 26 of July 2013

## **Overall performance of the multimission** system and contribution of each missions

