On the use of satellite altimeter data in Argo quality control

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<u>1 - Summary</u>

- to check the quality of the Argo observations
- to perform a general consistency check of the Argo data set
- $\hfill\square$ CALVAL (CALibration/ VALidation) :

Objectives :

- mono-obs : T/S fields/observations are used to control Argo T/S observations [1,2]
 multi-obs : other observations (than T/S) are used to control Argo T/S observations
 like satellite altimeter measurements [3] this study !
 model-obs : model outputs are used to control Argo T/S observations to be further
- developed ...
 Method : compares co-located Altimeter Sea Level Anomalies (SLA) and Dynamic Height Anomalies (DHA) calculated from Argo T/S profiles.



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