

Potential themes for a combined Argo/GOSHIP science workshop, eg in 2015

Synergistic science

Combining temporally sparse but exact along-track repeats (GOSHIP) with spatially/
temporally distributed data (Argo)

Use of Argo to inform representativeness of GOSHIP

Analysis/uncertainty of WOCE/CLIVAR/GOSHIP cross-section transports

Basin-scale inventories

Biogeochemical inventories

Upper half of ocean volume (Argo)

Lower half of ocean volume (Deep Argo and GOSHIP)

What is the ocean general circulation ?

Calibration of Deep Argo data using GOSHIP data

The methodology required for Deep Argo will likely be fundamentally different from
that for core Argo

Calibration of Bio Argo data (esp oxygen ?) using GOSHIP data

Insights into Deep/Bio Argo design from analysis of GOSHIP data

What is the signal ? Time and space scales

What is the noise ?

What can we learn from the most frequently-repeated GOSHIP lines ?

Moored data may also be useful here

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