

Discrete salinity data series for cruise Pelagia PE125

Data Originator

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Content of data series

Parameter	Unit	Parameter code	Number of samples	Comments
Discrete salinity	PSU	PSALBSTX	12 NT	none

NT = sampling from ship's non-toxic water supply.

Originator's protocol

Salinity samples were collected from the ship's non-toxic water supply. The samples were drawn from the Aqua-flow system at the beginning and end of survey and at approx. 4 hours interval during each survey when the SeaSoar was at approximately 4 metres depth (also the depth of the Aqua-flow intake). These samples were used to correct for any SeaSoar salinity offset.

Samples were collected in glass bottles filled to just below the neck and sealed with plastic stoppers. Batches of samples were left for at least 24 hours to reach thermal equilibrium in the lab containing the salinometer before analysis. Salinity was measured from water samples on the Guildline 55358 AutoLab Salinometer.

BODC processing

The data were loaded into a database under the ORACLE Relational Database Management System without modification.

Comments on data quality

None to report.