

## Discrete dissolved oxygen data series for cruise Challenger CH140

### Principal Investigator and Data Originator

Dr. Ken Jones, Dunstaffnage Marine Laboratory (DML), Oban, UK.

### Content of data series

Parameter	Unit	Parameter code	Number of samples	Number of stations	Comments
Dissolved oxygen	$\mu\text{mol l}^{-1}$	DOXYWITX	22	3 CTD	none

CTD= CTD-Rosette water column sampling station.

### Originator's protocol

Water was collected from 6 to 8 depths at three CTD stations in order to provide *in situ* oxygen concentrations for the calibration of the CTD oxygen probe. Samples were collected into calibrated bottles and analysed using precise micro-Winkler titration using a Radiometer auto-burette and photometric end-point detector.

### 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.