

## **Dissolved inorganic nutrient data series for cruise Challenger CH140**

### **Principal Investigator**

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### **Data Originator**

Ivan Ezzi – DML.

### **Content of data series**

Parameter	Unit	Parameter code	Number of samples	Number of stations	Comments
Ammonium	$\mu\text{mol l}^{-1}$	AMONAAD1	84	11 CTD	none
Nitrate+Nitrite	$\mu\text{mol l}^{-1}$	NTRZAAD1	84	11 CTD	none
Phosphate	$\mu\text{mol l}^{-1}$	PHOSAAD1	84	11 CTD	none
Silicate	$\mu\text{mol l}^{-1}$	SLCAAAD1	84	11 CTD	none

CTD= CTD-Rosette water column sampling station.

### **Originator's protocol**

Water was collected from 6 to 8 depths at 11 CTD stations between 24 and 28 October 1998. Water samples were filtered using GF/F glass fibre filters and stored for later analysis at the Dunstaffnage Marine Laboratory. Nutrients were analysed on a LACHAT QUICKCHEM8000 flow injection analyser using standard methods.

### **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.