

## **Dissolved inorganic nutrient data series for cruise Pelagia PE136**

### **Principal Investigator**

Dr. Hans van Haren, Nederlands Instituut voor Onderzoek der Zee (NIOZ), Texel, The Netherlands.

### **Content of data series**

Parameter	Unit	Parameter code	Number of samples	Number of stations	Comments
Silicate	$\mu\text{mol l}^{-1}$	SLCAAAD5	41	15 CTD	none
Phosphate	$\mu\text{mol l}^{-1}$	PHOSAAD5	41	15 CTD	none
Nitrite	$\mu\text{mol l}^{-1}$	NTRIAAD5	41	15 CTD	none
Nitrate+nitrite	$\mu\text{mol l}^{-1}$	NTRZAAD5	41	15 CTD	none
Ammonium	$\mu\text{mol l}^{-1}$	AMONAAD5	41	15 CTD	none

CTD = CTD-Rosette water column sampling station.

### **Originator's protocol**

Water samples were typically collected from near-surface (ca. 3 m) and near-bottom (ca. 15 m) depths several times daily using the CTD-rosette water sampler. Intermediate depths were also sampled on a few casts. A batch of subsamples for nutrient measurements were stored at  $-20^{\circ}\text{C}$  prior to analysis. Subsamples for silicate analysis were stored separately at  $+4^{\circ}\text{C}$ . Nutrients were analysed using a Technicon TrAAcs800 autoanalyser after filtration of the samples through sterile  $0.2 \mu\text{m}$  Acrodisc Gelman filters.

### **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.