

# Continuous underway data series for cruise AMT6B (5<sup>th</sup> April – 3<sup>rd</sup> June, 1998)

## Chief Scientist

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## Content of data series

Parameter	Column heading	Units	Comments
Latitude	LAT+VEN	Degrees +ve N	
Longitude	LON+VEE	Degrees +ve E	
Salinity	RPSAL	PSU	
Sea temperature	RTEMP	Degrees C	
Raw Turner Designs fluorometer output	TFLUOR	Voltage	May be nominal chlorophyll-a concentration

## Instrumentation and data processing by originator

### Underway instruments and methodology

The instruments used on the RRS Bransfield are not yet known. This document will be updated when the information is received from the Principal Scientist.

### Data acquisition and on-board data processing

Awaiting information

## BODC post-cruise processing and screening

### Reformatting

The underway data file was transferred to a binary file for screening at BODC. The time span of the file was from 05/04/1998 18:59 to 03/05/1998 14:09, with a sampling interval of 10 minutes.

### Screening

Each data channel was inspected on a graphics workstation and any spikes or periods of dubious data were flagged. The power of the workstation software was used to carry out comparative screening checks between channels by overlaying

data channels. A map of the cruise track was simultaneously displayed in order to take account of the oceanographic context.

### **Data processing, correction and calibration**

No calibration procedures have yet been carried out for this cruise. The data and document will be updated when further work is carried out.