

# Documentation of XBT Data from RV Sonne Cruise No. 120

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## 1. General

The Data on RV Sonne cruise No. 120 were collected within the German JGOFS Programme. The cruise took place in the Arabian Sea from the 11.06.1997 until 12.057.1997, starting at Muscat (Oman) and finishing at Djibouti (Rep. Of Djibouti). Chief scientist was Prof. Dr. Bernt Zeitzschel from the Institute for Marine Reseach at Kiel, Germany. This cruise was the last one of the international JGOFS Arabian Sea Process Study. The XBT probes were manufactured by Sippican Ltd., Type T5.

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## 2. Processing

Data were monotonised on 1db steps and compared with CTD data from the same cruise.

## 3. Sensor description / Technical details

Probe type: T5  
Maximum Depth: 1830m  
Resolution Temperature: +/- 0.01 degC  
Resolution Depth: 0.65m  
Accurancy Temperature: +/- 0.15 degC  
Accurancy Depth: 2% of depth  
Sampling rate: 10 Hz