

# OS.XBT\_GG - Temperature profilers, Gulf of Guinea

## General information

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Dataset name: OS.XBT\_GG - Temperature profilers, Gulf of Guinea  
Created on: 2006-01-10

### Contact(s)

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Bourlès Bernard - IRD Bretagne - bourles@ird.fr (PI or Lead scientist)

### Period

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Date begin (yyyy-mm-jj): 2006-01-01  
Date end (yyyy-mm-jj): 2006-12-31

### Project(s)

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AMMA > AMMA-SOP

## Data description

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### Abstract

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To document of the hydrological structure in the upper layers of the ocean in the Equatorial Atlantic and more especially in the Gulf of Guinea. To survey the oceanic mixed layer and sea surface temperature. To transmit measurements in real time (CORIOLIS) and also for quasi-real time assimilation in the numerical models for previsions (MERCATOR).

### Observing strategy

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According to availabilities. Every possible platform is solicited (oceanographic cruises, research or merchant vessels transits).

## Instrument information

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### Sensor

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Instrument type: XBT > Expendable Bathythermographs  
Manufacturer: LOCKHEED MARTIN SIPPICAN  
Model: Deep Blue

## Geographic information

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### Gulf of Guinea

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Location name:	Gulf of Guinea
Platform type:	SHIPS
West bounding coordinate (°):	-10.007
East bounding coordinate (°):	9.7173
North bounding coordinate (°):	6.0016
South bounding coordinate (°):	-9.9918
Altitude min:	-1100.09

## Measured parameters

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### Water Temperature

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Parameter name:	Water Temperature
Parameter keyword:	Terrestrial Hydrosphere > Water Quality/Water Chemistry > Water Temperature
Unit:	Degrees Celsius - °C
Date begin (yyyy-mm-jj):	2006-01-01
Date end (yyyy-mm-jj):	2006-12-31

### Salinity

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Parameter name:	Salinity
Parameter keyword:	Oceans > Salinity/Density > Salinity
Unit:	Practical Salinity Unit - P.S.U.
Date begin (yyyy-mm-jj):	2006-01-01
Date end (yyyy-mm-jj):	2006-12-31

### Conductivity

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Parameter name:	Conductivity
Parameter keyword:	Terrestrial Hydrosphere > Water Quality/Water Chemistry > Conductivity
Date begin (yyyy-mm-jj):	2006-01-01
Date end (yyyy-mm-jj):	2006-12-31

### Density

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Parameter name:	Density
Parameter keyword:	Oceans > Salinity/Density > Density
Date begin (yyyy-mm-jj):	2006-01-01
Date end (yyyy-mm-jj):	2006-12-31

## Data use information

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Use constraints: AMMA data policy  
Data policy: AMMA data policy