

# CRUISE SUMMARY REPORT

**CRUISE Name :** LT09-1 **No :** GDP09-??

**CRUISE PERIOD start :** 5 february 2009 **to end :** 5 february 2009

**PORT OF DEPARTURE** Ancona (ITALY)

**PORT OF RETURN** Ancona (ITALY)

**SHIP Name :** DALLAPORTA **Call Sign :** IYVQ **Type of ship :** trawl research vessel (35 m.)

**RESPONSIBLE LABORATORY Name :** CNR-ISMAR-AN

**Address :** Largo Fiera della Pesca, 2 Ancona, 60125 **Country :** ITALY

**CHIEF SCIENTIST(S) Name :** Elio Paschini CNR-ISMAR-AN

## OBJECTIVES AND BRIEF NARRATIVE OF CRUISE

First monitoring cruise (2009 year) of Long Term Programme which include the monitoring of TEA station (8 CTD casts, 41 m depth)

and ANNAMARIA-B statio (8 CTD casts, 61 m depth).

A mooring recovery and a mooring launch was done close to TEA station.

Winkler analisys was performed on board and water samples filtration for Fluorometer calibration were done on board.

The NAIDE station was not checked.

The scientific crew was: Elio Paschini, Pierluigi Penna, Mattia Betti. The transect of Senigallia (8 CTD station from Italy to midline) was left to the second leg, which was canceled for bad weather conditions.

**PROJECT name :** ENI **Coordinating body :** CNR-ISMAR-AN

## PRINCIPAL INVESTIGATORS

name	body	address	country	e-mail
A Elio Paschini	CNR-ISMAR-AN	Largo Fiera della Pesca,2 60125 Ancona	ITALY	<i>e.paschini@ismar.cnr.it</i>
B Mauro Marini	as above			<i>m.marini@ismar.cnr.it</i>

## MOORINGS, BOTTOM MOUNTED GEAR AND DRIFTING SYSTEMS

PI	Latitude	Longitude	TYPE	DESCRIPTION
A 44 30	13 01	D01	mooring recovered with AR s/n 710, SBE39 s/n 1684 (37), RCM7 s/n11196 (34m) and RCM7 s/n 11849 (13m)	
A 44 30	13 01	D01	mooring launched with AR s/n 697, SBE39 s/n 1687 (36m), , RCM7 s/n 11327 (30m) and RCM9 s/n252 (24m)	

## SUMMARY OF MEASUREMENTS AND SAMPLES TAKEN

PI	NO	UNITS	TYPE	DESCRIPTION
A 1	file(s)	D90	cruise track	Navigation program SeaClearII with GARMIN GPS 36
A 17	cast(s)	H10	SBE9/11+ (C, T, D), SBE43 (Oxy), TURNER SCUFA(FI,Tur)	
A 17	cast(s)	H09	"Carousel" SBE32 with 3 bottles of 10 litres YDRO-BIOS	
B 44	samples	H22, H24, H25, H76, H26	Phosphate, Nitrate, Nitrite, Ammonia, Silicate, on shore analysis with Autoanalyzer BRAN+LUEBBE model QuAAtro (2 Ch.)	
B 8	samples	B02	Phytoplankton Pigments (Chlorophyl a, b, c) on shore analysis with HPLC DIONEX model PDA100+GP50	
A 2	file(s)	D01	Aanderaa RCM7 s/n 11849 currentometer from 7/july/08 at 30 min.	
A 2	file(s)	D01	Aanderaa RCM7 s/n 11196 currentometer from 7/july/08 at 30 min.	
A 1	file(s)	D01	SBE39 s/n 1684 temperature recorder from 7/july/08 at 10 min.	

**TRACK CHART :** none

**GENERAL OCEAN AREA(S) :** Eastern Mediterranean Sea (179 Marsden Square)

**SPECIFIC AREAS :** North Adriatic Sea