
CRUISE SUMMARY REPORT

CRUISE Name : ENI08-5 **No :** GDP08-??

CRUISE PERIOD start : 15 october 2008 **to end :** 16 october 2008
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

Fifth monitoring cruise (2008 year) of ENI methane extraction station TEA (8 CTD casts, 41 m depth). A box containing 12 temperature datalogger (of the FPD ISMAR Ancona group) were joined to 3,4 and 5 casts for calibration check.

During this cruise a training program of Ravenna Marine Ecology (UNIBO) was done as well as 4 CTD stations on the Senigallia transect for the LTER program.

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

Winkler analysis was not performed and only few samples for Fluorometer calibration were done, due to a reduced filtering capacity.

The check of NAIDE station mooring was successful.

The scientific crew was: Elio Paschini, Pierluigi Penna, Alessandra Campanelli from ISMAR and eight students: Andrea Barogi, Alberto Beccari, Elia Bueloni, Federico Gaiti, Gloria Marchesi, Lucia Marziliano, Tullio Rossi and Stefano Tassinari from Bologna University.

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	2	file(s)	D90	cruise track Navigation program SeaClearII with GARMIN GPS 36
A	12	cast(s)	H10	SBE9/11+ (C, T, D), SBE43 (Oxy), TURNER SCUFA(FI,Tur)
A	12	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
