

CRUISE SUMMARY REPORT

CRUISE Name : ENI08-6 **No :** GDP08-??

CRUISE PERIOD start : 3 December 2008 **to end :** 4 December 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 : Pierluigi Penna CNR-ISMAR-AN

OBJECTIVES AND BRIEF NARRATIVE OF CRUISE

Sixth monitoring cruise (2008 year) of ENI methane extraction station TEA (8 CTD casts, 41 m depth).

Due to bad weather conditions, this is a joint cruise with VECTOR08_1.

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

Winkler analysis was performed on board and samples for Fluorometer calibration were collected.

The check of TEA station mooring was successful.

For the program VECTOR, 9 CTD stations were done on the Rimini transect

The scientific crew was: Pierluigi Penna, Mattia Betti from CNR-ISMAR-AN and Francesco Falcieri from DISMAR, Ancona 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	e.paschini@ismar.cnr.it
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MOORINGS, BOTTOM MOUNTED GEAR AND DRIFTING SYSTEMS

PI	Latitude	Longitude	TYPE	DESCRIPTION
A	44 30	13 01	D01	mooring recovered with AR s/n 711, SBE39 s/n 1159 (28m), RDIADCP WHSentinel s/n 6342 (35m)
A	44 30	13 01	D01	mooring launched with AR s/n 710, SBE39 s/n 1684 (32m), , RCM7 s/n 11196 (30m) and RCM7 s/n9012 (20m)

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	8	cast(s)	H10	SBE9/11+ (C, T, D), SBE43 (Oxy), TURNER SCUFA(FI,Tur)
C	9	cast(s)	H10	as above
A	8	cast(s)	H09	"Carousel" SBE32 with 3 bottles of 10 litres YDRO-BIOS
B	16	samples	H21	Oxygen Winkler method on board analysis with METROHM Tritino720 and sampler760
B	31	samples	H22, H24, H25, H76, H26	Phosphate, Nitrate, Nitrite, Ammonia, Silicate, on shore analysis with Autoanalyzer BRAN+LUEBBE model QuAAtro (2 Ch.)
B	31	samples	B02	Phytoplankton Pigments (Chlorophyl a, b, c) on shore analysis with HPLC DIONEX model PDA100+GP50
A	1	file(s)	D71	RDIADCP s/n 6342 currentometer from 8/july/08 at 30 min.
A	1	file(s)	D01	SBE39 s/n 1159 temperature recorder from 8/july/08 at 10 min.

TRACK CHART : none

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

SPECIFIC AREAS : North Adriatic Sea