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# CRUISE SUMMARY REPORT

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

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

**PORT OF DEPARTURE** Ancona (ITALY)

**PORT OF RETURN** Ancona (ITALY)

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

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

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

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

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## 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 joned 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 analisys 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 seccessfull.

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

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

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## PRINCIPAL INVESTIGATORS

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

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## MOORINGS, BOTTOM MOUNTED GEAR AND DRIFTING SYSTEMS

<b>PI</b>	<b>Latitude</b>	<b>Longitude</b>	<b>TYPE</b>	<b>DESCRIPTION</b>
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)

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## SUMMARY OF MEASUREMENTS AND SAMPLES TAKEN

<b>PI</b>	<b>NO</b>	<b>UNITS</b>	<b>TYPE</b>	<b>DESCRIPTION</b>
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.

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**TRACK CHART :** none

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

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**SPECIFIC AREAS :** North Adriatic Sea

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