

---

# CRUISE SUMMARY REPORT

---

**CRUISE Name :** ENI08-3 **No :** GDP08-??

---

**CRUISE PERIOD start :** 12 June 2008 **to end :** 13 June 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 :** Mauro Marini CNR-ISMAR-AN

---

## OBJECTIVES AND BRIEF NARRATIVE OF CRUISE

Third monitoring cruise (2008 year) of ENI methane extraction station CLARA EST (8 CTD casts, 76 m depth), TEA (8 CTD casts, 41 m depth) and NAIDE (8 CTD casts, 36 m depth).

The cruise start at 09.00.

Mooring recoveries was done close to CLARA EST and CLARA NORD stations.

The check of TEA and NAIDE stations mooring was successfull done.

Also CTD and samples on C1-C2-C3-C4 stations of Senigallia transect was done.

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

The scientific crew was: Mauro Marini, Pierluigi Penna from ISMAR.

Two students were involved to the cruise: Alessandro Zecca, Mattia Bernardi from Itis "Volterra" Torrette(AN).

---

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

---

## 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>

---

## MOORINGS, BOTTOM MOUNTED GEAR AND DRIFTING SYSTEMS

<b>PI</b>	<b>Latitude</b>	<b>Longitude</b>	<b>TYPE</b>	<b>DESCRIPTION</b>
A	43 46	14 04	D01	mooring recovered with AR s/n 710, SBE39 s/n 1684 , RCM7 s/n11196 and RCM7 s/n 10327 (Clara Est)
A	43 56	13 58	D01	mooring recovered with AR s/n 711, SBE39 s/n 1682, , RCM7 s/n 11849 (Clara Nord)

---

## 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	28	cast(s)	H10	SBE9/11+ (C, T, D), SBE43 (Oxy), TURNER SCUFA(FI,Tur)
A	28	cast(s)	H09	"Carousel" SBE32 with 3 bottles of 10 litres YDRO-BIOS

B 96	samples	H22, H24, H25, H76, H26	Phosphate, Nitrate, Nitrite, Ammonia, Silicate, on shore analysis with Autoanalyzer BRAN+LUEBBE model QuAAtro (2 Ch.)
B 89	samples	B02	Phytoplankton Pigments (Chlorophyl a, b, c) on shore analysis with HPLC DIONEX model PDA100+GP50
A 1	file(s)	D01	Aanderaa RCM7 s/n 11196 currentometer from 22/may/08 at 10 min.
A 1	file(s)	D01	Aanderaa RCM7 s/n 10327 currentometer from 22/may/08 at 10 min.
A 1	file(s)	D01	SBE39 s/n 1684 temperature recorder from 22/may/08 at 10 min.
A 1	file(s)	D01	Aanderaa RCM7 s/n 11849 currentometer from 2/april/08 at 30 min.
A 1	file(s)	D01	SBE39 s/n 1682 temperature recorder from 2/april/08 at 10 min.

---

**TRACK CHART :** none

---

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

---

**SPECIFIC AREAS :** North Adriatic Sea

---