

---

# CRUISE SUMMARY REPORT

---

**CRUISE Name :** ENI07-5 **No :** GDP07-??

---

**CRUISE PERIOD start :** 03 July 2007 **to end :** 06 July 2007

**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

Fiveth monitoring cruise of ENI methane extraction site: CLARA-est, TEA and NAIDE (8 CTD stations with 32 samples each platform).

Unsuccesfull recovery of one mooring with Aanderaa RCM7 and acoustic releaser close to TEA platform.

Also 4 CTD stations of LTER Project were carried out in Senigallia Transect

Water samples for Winkler analisys on board.

The cruise was divided into two legs by metereological condition.

During the first leg (03 july) the two Clara platforms were visited: 8 CTD stations with 32 water samples.

The acoustic releaser check on Clara-est was OK instead Clara-nord did not reply.

On Clara-est external stations a school of dolphins was around the ship.

In the second leg (5-6 july) the four LTER CTD stations (13 water samples) were done first, then the ship reached TEA platform.

The acoustic realeaser replies but did not released, in spite of many trials.

Then the canonical 8 CTD stations were performed as well as on Naide pltfom.

There the acoustic releaser of the mooring reply.

The scientific crew was: Betti, Campanelli and Penna; Paschini was on board only in the second leg.

---

**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 before			<i>m.marini@ismar.cnr.it</i>

---

## MOORINGS, BOTTOM MOUNTED GEAR AND DRIFTING SYSTEMS

**PI Latitude Longitude TYPE DESCRIPTION**

- - - - -

---

## SUMMARY OF MEASUREMENTS AND SAMPLES TAKEN

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

A 2	file	D90	cruise track Navigation program SeaClearII with GARMIN GPS 36
A 28	casts	H10	SBE9/11+ (C, T, D), SBE43 (Oxy), TURNER SCUFA(FI,Tur)
A 28	casts	H09	Rosette GO1015 with 3 bottles of 10 litres YDRO-BIOS Oxygen Winkler method
B 54	samples	H21	on board analysis with METROHM Tritino720 and sampler760
B 109	samples	H22, H24, H25, H76, H26	Phosphate, Nitrate, Nitrite, Ammonia, Silicate, on shore analysis with Autoanalyzer BRAN+LUEBBE model QuAAtro (2 Ch.)
B 109	samples	B02	Phytoplankton Pigments (Chlorophyl a, b, c) on shore analysis with HPLC DIONEX model PDA100+GP50

**TRACK CHART :** none

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

**SPECIFIC AREAS :** North Adriatic Sea