

# CRUISE SUMMARY REPORT

**CRUISE Name :** ENI07-6 **No :** GDP07-??

**CRUISE PERIOD start :** 29 aug 2007 **to end :** 03 sep 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

Sixth monitoring cruise of ENI methane extraction sites: CLARA-est, TEA and NAIDE

(8 CTD stations with 32 samples each platform).

Water samples for Winkler analysis on board (Clara-est 8, Naide 7 and Tea 13 samples).

The cruise was divided into two legs by meteorological condition.

During the first leg (29 aug) the Clara-est platform was visited

The acoustic releaser check on Clara-est was OK.

In the second leg (3 sep) NAIDE and TEA platforms were visited.

There was no mooring check because on the same day Paschini and Penna on board TECNOPESCA try to recover TEA unsuccessfully and recovered NAIDE.

The scientific crew was: Betti, Campanelli and Penna; on the second leg there was a turn over between Penna and Caccamo.

**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
B Mauro Marini	as above				m.marini@ismar.cnr.it

## MOORINGS, BOTTOM MOUNTED GEAR AND DRIFTING SYSTEMS

PI Latitude Longitude TYPE DESCRIPTION

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## SUMMARY OF MEASUREMENTS AND SAMPLES TAKEN

PI	NO	UNITS	TYPE	DESCRIPTION
A	2	file	D90	cruise track Navigation program SeaClearII with GARMIN GPS 36
A	24	casts	H10	SBE9/11+ (C, T, D), SBE43 (Oxy), TURNER SCUFA(FI, Tur)
A	24	casts	H09	Rosette GO1015 with 3 bottles of 10 litres YDRO-BIOS
B	28	samples	H21	Oxygen Winkler method on board analysis with METROHM Tritino720 and sampler760
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	96	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