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# CRUISE SUMMARY REPORT

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**CRUISE Name :** ENI07-4 **No :** GDP07-11

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**CRUISE PERIOD start :** 14 may 07 **to end :** 15 may 07

**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 :** Paschini Elio CNR-ISMAR-AN

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## OBJECTIVES AND BRIEF NARRATIVE OF CRUISE

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

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

No samples for Winkler analysis.

The recovery of the mooring on TEA was dangerous (sea state was 3-4). The acoustic releaser was still pinging but not releasing.

The GDP tender never entered in water even if two attempts were made.

The acoustic releaser check on CLARA-est and Clara-nord was OK.

The station C4 of Senigallia transect was made with four samples for the LTER project

The scientific crew was: Caccamo ,Grilli, Paschini and Penna.

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

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## PRINCIPAL INVESTIGATORS

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

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## 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	25	casts	H10	SBE9/11+ (C, T, D), SBE43 (Oxy), TURNER SCUFA(FI,Tur)
A	25	casts	H09	Rosette GO1015 with 3 bottles of 10 litres YDRO-BIOS
B	100	samples	H22, H24, H25, H76, H26	Phosphate, Nitrate, Nitrite, Ammonia, Silicate, on shore analysis with Autoanalyzer BRAN+LUEBBE model QuAAtro (2 Ch.) Phytoplankton Pigments (Chlorophyl a, b, c)

B 100 samples B02

on shore analysis with HPLC DIONEX model  
PDA100+GP50

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**TRACK CHART :** ENI07-4.svg

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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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