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# CRUISE SUMMARY REPORT

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**CRUISE Name :** ENI07-7 **No :** GDP07-??

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**CRUISE PERIOD start :** 12 october 2007 **to end :** 12 october 2007  
**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 :** Pierluigi Penna CNR-ISMAR-AN

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## OBJECTIVES AND BRIEF NARRATIVE OF CRUISE

Seventh monitoring cruise of ENI methane extraction site: CLARA-est  
(8 CTD stations with 32 samples each platform).

Water samples for Winkler analysis on board.

The cruise was intended to visit all the 4 platform, but, due to meteorological condition, only the two Claras were done.

Mooring deployment were performed at Clara-est and Clara-north, CTD stations only on Clara-est.  
On both Claras, school of dolphins was around the ship.

The scientific crew was: Betti, Campanelli 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 above			<i>m.marini@ismar.cnr.it</i>

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## MOORINGS, BOTTOM MOUNTED GEAR AND DRIFTING SYSTEMS

PI	Latitude	Longitude	TYPE	DESCRIPTION
A	43 56' N	13 58' E	D01	launch (Clara-north) RCM8 s/n 12364, SBE39 s/n 1682 and AR Datasonics s/n 695
A	43 46' N	14 04' E	D01	launch (Clara-est) RCM7 s/n10327, RCM7 s/n11196, SBE39 s/n1684 and AR Datasonics s/n710

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## SUMMARY OF MEASUREMENTS AND SAMPLES TAKEN

PI	NO	UNITS	TYPE	DESCRIPTION
A	1	file	D90	cruise track Navigation program SeaClearII with GARMIN GPS 36
A	8	casts	H10	SBE9/11+ (C, T, D), SBE43 (Oxy), TURNER SCUFA(FI,Tur)
A	8	casts	H09	Rosette GO1015 with 3 bottles of 10 litres YDRO-BIOS
B	8	samples	H21	Oxygen Winkler method on board analysis with METROHM Tritino720 and sampler760
B	32	samples	H22, H24, H25, H76, H26	Phosphate, Nitrate, Nitrite, Ammonia, Silicate, on shore analysis with Autoanalyzer BRAN+LUEBBE model QuAAtro (2 Ch.)
B	32	samples	B02	Phytoplankton Pigments (Chlorophyl a, b, c) on shore analysis with HPLC DIONEX model PDA100+GP50

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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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