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# CRUISE SUMMARY REPORT

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**CRUISE Name :** ENI07-8 **No :** GDP07-??

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**CRUISE PERIOD start :** 21 december 2007 **to end :** 21 december 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 :** Elio Paschini CNR-ISMAR-AN

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## OBJECTIVES AND BRIEF NARRATIVE OF CRUISE

Eighth monitoring cruise of ENI methane extraction site: TEA and NAIDE (8 CTD stations with 32 samples each platform), and TEA mooring launch.

No water samples for Winkler analysis.

The check on both mooring was successful.

The cruise was made to complete the TEA dataset and for the mooring launch.

The two box corer samples have sent to Ancona University (Marine Geology) for internal training.

The scientific crew was: Paschini, Marini and Grilli.

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

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## MOORINGS, BOTTOM MOUNTED GEAR AND DRIFTING SYSTEMS

PI	Latitude	Longitude	TYPE	DESCRIPTION
A	44 30' N	13 01' E	D01	TEA platform RCM9 s/n 252 (top 20m), RCM7 s/n ????? (SACLANT bottom 29m), and AR Datasonics s/n 697

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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	16	casts	H10	SBE9/11+ (C, T, D), SBE43 (Oxy), TURNER SCUFA(FI,Tur)
A	16	casts	H09	Rosette GO1015 with 3 bottles of 10 litres YDRO-BIOS
A	2	casts	G02	Box Corer (25H x15x30 cm)
B	61	samples	H22, H24, H25, H76, H26	Phosphate, Nitrate, Nitrite, Ammonia, Silicate, on shore analysis with Autoanalyzer BRAN+LUEBBE model QuAAtro (2 Ch.)
B	61	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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