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# CRUISE SUMMARY REPORT

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**CRUISE Name :** ENI08-4 **No :** GDP08-??

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**CRUISE PERIOD start :** 7 July 2008 **to end :** 8 July 2008  
**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

Fourth monitoring cruise (2008 year) of ENI methane extraction station TEA (8 CTD casts, 41 m depth).  
A mooring recovery and a mooring launch was done close to TEA station.  
Winkler analysis was not performed.  
The check of NAIDE station mooring was successful.

The scientific crew was: Pierluigi Penna, Giuseppe Caccamo, Emanuela Frapiccini, Mariangela Nisi from ISMAR ANCONA.

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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 44 30	13 01	D01	mooring recovered with AR s/n 697, , RCM7 and RCM9 s/n 252	
A 44 30	13 01	D01	mooring launched with AR s/n 710, SBE39 s/n 1684, RCM7 s/n 10327 and RCM7 s/n 11196	

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## SUMMARY OF MEASUREMENTS AND SAMPLES TAKEN

PI	NO	UNITS	TYPE	DESCRIPTION
A 2	file(s)	D90		cruise track Navigation program SeaClearII with GARMIN GPS 36
A 8	cast(s)	H10		SBE9/11+ (C, T, D), SBE43 (Oxy), TURNER SCUFA(FI,Tur)
A 8	cast(s)	H09		"Carousel" SBE32 with 3 bottles of 10 litres YDRO-BIOS
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
A 1	file(s)	D01		Aanderaa RCM7 s/n currentometer from 30/december/07 at 30 min.
A 1	file(s)	D01		Aanderaa RCM9 s/n 252 currentometer from 30/december/07 at 30 min.

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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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