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# CRUISE SUMMARY REPORT

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**CRUISE Name :** ENI07-2No : GDP07-03

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**CRUISE PERIOD start :** 13 february 07 **to end :** 14 february 07

**PORT OF DEPARTURE** Ancona (ITALY)

**PORT OF RETURN** Ancona (ITALY)

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**SHIP Name :** DALLAPORTA**Call Sign :** MVQ **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

Second monitoring cruise of ENI methane extraction stations (TEA, NAIDE, CLARA EST)

Also CTD and samples on C4 station and only CTD on C1 station of Senigallia transect.

No winkler analysis.

The recovery of one mooring on TEA station was unsuccessful: the acoustic releaser correctly responded but did not released.

In the night of 12th from 0:00 to 4:00 the ship was in rescue time because a may day launched by a sail boat 6 miles far.

The scientific crew was: Penna, Campanelli and Caccamo.

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**PROJECT name :** PIATTAFORME **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 26	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	Phosphate on shore analysis with Autoanalyzer BRAN+LUEBBE model QuAAtro (2 Ch.)
B 100	samples	H24	Nitrate as before
B 100	samples	H25	Nitrite as before
B 100	samples	H76	Ammonia as before
B 100	samples	H26	Silicate as before

B 100 samples B02 Phytoplankton Pigments (Chlorophyl a, b, c) on shore analysis with HPLC  
DIONEX model PDA100+GP50

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**TRACK CHART :** ENI07-2.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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