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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   | 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 | 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,<br>on shore analysis with Autoanalyzer BRAN+LUEBBE model QuAAtro (2 Ch.) |
| B 32 | samples | B02                     |      | Phytoplankton Pigments (Chlorophyll a, b, c)<br>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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