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# CRUISE SUMMARY REPORT

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**CRUISE Name :** LT09-2 **No :** GDP09-??

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**CRUISE PERIOD start :** 12 march 2009 **to end :** 13 march 2009

**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

Second monitoring cruise (2009 year) of Long Term Programe which include the monitoring of TEA station (8 CTD casts, 41 m depth) and ANNAMARIA-B station (8 CTD casts, 56 m depth).

The cruise start at 22:00.

The check of NAIDE and TEA stations mooring was successfull done. Winkler analisys was performed on board and water samples filtration for Fluorometer calibration were done on board.

The scientific crew was: Pierluigi Penna and Alessandra Campanelli from CNR-ISMAR Ancona.

Two students were involved to the cruise: Duranti Michele and Elisa Raffaelli from Itis "Volterra" Torrette(AN) - 4A chemical section.

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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
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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	16	cast(s)	H10	SBE9/11+ (C, T, D), SBE43 (Oxy), TURNER SCUFA(FI,Tur)
A	16	cast(s)	H09	"Carousel" SBE32 with 3 bottles of 10 litres YDRO-BIOS
B	64	samples	H22, H24, H25, H76, H26	Phosphate, Nitrate, Nitrite, Ammonia, Silicate, on shore analysis with Autoanalyzer BRAN+LUEBBE model QuAAtro (2 Ch.)
B	64	samples	B02	Phytoplankton Pigments (Chlorophyl a, b, c) on shore analysis with HPLC DIONEX model PDA100+GP50
B	16	samples	H21	Oxygen Winkler method on board analysis with METROHM Tritino720 and sampler760

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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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