

CRUISE SUMMARY REPORT

CRUISE Name : MEDPOL-1 **No :** GDP08-??

CRUISE PERIOD start : 09 dec 2008 **to end :** 14 dec 2008

PORT OF DEPARTURE Ancona (Italy)

PORT OF RETURN Kotor (Gma Gora - Montenegro)

SHIP Name : DALLAPORTA **Call Sign :** IYVQ **Type of ship :** trawl research vessel (35 m.)

RESPONSIBLE LABORATORY Name : CNR-ISMAR-AN

Address : Largo Fiera della Pesca, 2 Ancona, 60125 **Country :** ITALY

CHIEF SCIENTIST(S) Name : Federica Grilli CNR-ISMAR-AN

OBJECTIVES AND BRIEF NARRATIVE OF CRUISE

This is the second (winter) of four seasonal monitoring cruises of MEDPOL Project.

The ship departed on 9 december 2008 12:00Z.

Dallaporta arrived, in Zelenika on 13 16.00Z, where the foreign staff went on board. Due to bad weather, the ship spent 2 days in a cove shelter at Lastovo island and one day at Mljet island.

From Montenegro: Kljajic, Jovicic, Radomir, Kojovic, Markovic and Pestoric.

Then the ship sailed from the mouth of Boka Kotorska to Kotor making 8 CTD casts (MEDPOL) and 2 more CTD casts (ADRICOSM) at two pits in order to check oxygen values. The whole work took 8 hours.

Water samples for Oxygen Winkler analisys were made on board.

The italian scientific crew was: Campanelli, Caccamo and Grilli from ISMAR-Ancona.

The foreign staff went off board in Zelenika during the nighth of the 13, the italian staff in Kotor during the morning of the 14 to get the ferry Bar-Bari.

PROJECT name : MEDPOL **Coordinating body :** CNR-ISMAR-BO v. Gobetti,101 Bologna 40129 ITALY

PRINCIPAL INVESTIGATORS

name	body	address	country	e-mail
A Elio Paschini	CNR-ISMAR-Ancona	Largo Fiera della Pesca,2 Ancona 60125	ITALY	<i>e.paschini@ismar.cnr.it</i>
B Mauro Marini	as above			<i>m.marini@ismar.cnr.it</i>
C Zoran Klajic	IBMK	Dobrota bb, POB 85330 Kotor	MONTENEGRO	<i>biokotor@cg.yu</i>

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	10	casts	H10	SBE911plus (C, T, D) with SBE43 (Oxy), TURNER SCUFA(FI,Tur), BENTHOS 916(Alt)
A	10	casts	H09	Carousel SBE32 with 4 bottles of 10 litres and 3 of 1.7 litres
B	10	samples	H21	Oxygen Winkler method on board analysis with METROHM Tritino720 and sampler760
B	27	samples	H22, H24, H25, H76, H26	Phosphate, Nitrate, Nitrite, Ammonia, Silicate, on shore analysis with Autoanalyzer BRAN+LUEBBE model QuAAtro (2 Ch.)
B	27	samples	B02	Phyto-plankton Pigments (Chlorophyl a, b, c) on shore analysis with HPLC DIONEX model PDA100+GP50
C	8	samples	B08	net samples of Phyto-plankton for on shore analysis

TRACK CHART : none

GENERAL OCEAN AREA(S) : Eastern Mediterranean Sea (179 Marsden Square)

SPECIFIC AREAS : South Adriatic Sea