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# CRUISE SUMMARY REPORT

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

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

**PORT OF DEPARTURE** Ancona (Italy)

**PORT OF RETURN** Kotor (Grna Gora - Montenegro)

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**SHIP Name** : DALLAPORTA **Call Sign** : YVQ **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** : Federica Grilli CNR-ISMAR-AN

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## 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 analisis 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 nigh of the 13, the italian staff in Kotor during the morning of the 14 to get the ferry Bar-Bari.

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

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## PRINCIPAL INVESTIGATORS

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

| <b>PI</b> | <b>NO</b> | <b>UNITS</b> | <b>TYPE</b> | <b>DESCRIPTION</b>  |
|-----------|-----------|--------------|-------------|---|
| A         | 10        | casts        | H10         | SBE911plus (C, T, D)<br>with SBE43 (Oxy), TURNER SCUFA(FI,Tur), BENTHOS<br>916(Alt) |

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

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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 :** South Adriatic Sea

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