

# CRUISE SUMMARY REPORT

**CRUISE Name :** ACS1 **No :** GDP07-??

**CRUISE PERIOD start :** 19 november 2007 **to end :** 23 november 2007

**PORT OF DEPARTURE** Ancona (Italy)

**PORT OF RETURN** Durres (Albania)

**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 :** Paschini Elio CNR-ISMAR-AN

## OBJECTIVES AND BRIEF NARRATIVE OF CRUISE

First seasonal (autumn) monitoring cruise of ADRICOSM-STAR Project

The ship departed at 19:00 of monday 19 november. A CTD cast was made in deepest point of Jabuka Pit during the sail. Dallaporta arrived, 25 hours late, in Zelenika, where all the foreign staff went on board.

From Montenegro: Klajic, Macic and Jovicic.

From Albania: Como, Xhanari and Mocka.

Then the ship steams inside Boka Kotorcska to make CTD cast and box-corer in every bacin (KO,TV and HN stations).

From exit to open sea, on the 21 november, the transect 1, 2 and 3 were made.

On 22 november 4 stations of transect 7 were done before to finish the transect 4.

Then in the morning the ship enter in Bar harbour to deploy Jovicic.

At evening of 22 november all the work was done and the ship dropped the anchor in front of Durres.

At 10:00 of 23 we entered into the harbour.

Water samples for Oxygen Winkler analysys on board.

The italian scientific crew was: Betti, Caccamo, Paschini and Penna.

Paschini and Penna, helped by Macic and Klajic, performed the CTD, rosette and box-corer operations.

Caccamo and Betti, helped by Como, Xhanari and Macic performed the sample and filtration operations

**PROJECT name :** ADRICOSM-STAR **Coordinating body :** CMCC viale Gallipoli, 49 Lecce 73100 ITALY

## PRINCIPAL INVESTIGATORS

| name             | body         | address                                | country    | e-mail                         |
|------------------|--------------|--|------------|--------------------------------|
| A Elio Paschini  | CNR-ISMAR-AN | 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>          |
| D Mitat Sanxhaku | HI-A         | Street of Durresi, 219 Tirana          | ALBANIA    | <i>mitats@yahoo.com</i>        |

## MOORINGS, BOTTOM MOUNTED GEAR AND DRIFTING SYSTEMS

**PI Latitude Longitude TYPE DESCRIPTION**

- - - - -

## 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 54  | casts                       | H10                     | SBE911plus (C, T, D)<br>with SBE43 (Oxy), TURNER SCUFA(FI,Tur), BENTHOS 916(Alt)   |
| A 53  | casts                       | H09                     | Rosette GO1015 (the eldest) with 7 bottles of 1.7 litres General Oceanics  |
| B 73  | samples                     | H21                     | Oxygen Winkler method<br>on board analysis with METROHM Tritino720 and sampler760  |
| B 213 | samples                     | H22, H24, H25, H76, H26 | Phosphate, Nitrate, Nitrite, Ammonia, Silicate,<br>on shore analysis with Autoanalyzer BRAN+LUEBBE model QuAAtro (2 Ch.) |
| B 40  | samples                     | B02                     | Phytoplankton Pigments (Chlorophyl a, b, c)<br>on shore analysis with HPLC DIONEX model PDA100+GP50                      |
| A 12  | samples                     | G02                     | Box Corer (25x15x30 cm)  |
| B 12  | hydrocarbons and pesticides | P90                     | on shore analysis with HPLC DIONEX model PDA100+GP50   |
| C 12  | trace metals in sediment    | P02                     | on shore AAS analysis  |
| D 12  | granulometric analysis      | G90                     | on shore analysis  |
| D 12  | organic matter              | B90                     | on shore analysis  |

---

**TRACK CHART :** [ACS1.svg](#)

---

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

---

**SPECIFIC AREAS :** South Adriatic Sea

---