
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 basin (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 analisys 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	LIA	Street of Durres, 210 Tirane	ALBANIA	<i>mitata@uehoo.com</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 2	file	D90	cruise track Navigation program SeaClearII with GARMIN GPS 36
A 54	casts	H10	SBE911plus (C, T, D) 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 on board analysis with METROHM Tritino720 and sampler760
B 213	samples	H22, H24, H25, H76, H26	Phosphate, Nitrate, Nitrite, Ammonia, Silicate, on shore analysis with Autoanalyzer BRAN+LUEBBE model QuAAtro (2 Ch.)
B 40	samples	B02	Phytoplankton Pigments (Chlorophyl a, b, c) 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