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# CRUISE SUMMARY REPORT

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**CRUISE Name :** ACS2 **No :** GDP07-??

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**CRUISE PERIOD start :** 21 January 2008 **to end :** 29 January 2008

**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 :** Grilli Federica CNR-ISMAR-AN

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## OBJECTIVES AND BRIEF NARRATIVE OF CRUISE

Second seasonal (winter) monitoring cruise of ADRICOSM-STAR Project

The ship departed at 15:30 of Monday 21 January. Dallaporta arrived in Durres at 18.30 of Tuesday 22 (27 hours later) where all the foreign staff went on board.

From Montenegro : Jovicic Aleksandar, Macic Vesna and Bulatovic Ana.

From Albania : Como Elvin and Murtaj Bledar.

We stayed in Durres until on 23 January because of the rough sea. At 10:45 of Wednesday 24 Dallaporta left the harbour going to the station 7-1. At 13.30 two stations 7-1 and 7-2 were made but the sea were becoming rough so we decided to go to repair to the Drint Bay . Here 6 stations (6-2, 6-1, 5-3, 5-4, 5-2 and 5-1) were done and at 19:15 the ship dropped the anchor waiting for the sea went down. On 25 January in the morning we started by the station 5-5 and on 26 January all the work was done except for the stations 1-6 and 1-7 (no time enough to enter in Zelelenika). At 20:00 of 26 we entered into Zelenika harbour. At 21.40 we left the harbour to make the last two stations but the sea were becoming rough so the ship went toward the northern Croatian coast. On 27 January the ship dropped the anchor near the coast of Korcula Island . On 29 January at 20:00 we entered in the Ancona harbour.

Water samples for Oxygen Winkler analisys on board.

The italian scientific crew was: Caccamo, Campanelli, Grilli and Penna.

Grilli and Penna helped by Jovicic performed the CTD and rosette.

Campanelli and Caccamo helped by Macic, Bulatovic, Como and Murtaj performed the sample and filtration operations.

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

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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 6	file	D90	cruise track Navigation program SeaClearII with GARMIN GPS 36
A 50	casts	H10	SBE911plus (C, T, D) with SBE43 (Oxy), TURNER SCUFA(FI,Tur), BENTHOS 916(Alt)
A 50	casts	H09	Rosette SBE32 with 4 bottles of 1.7 litres, 3 bottles of 10 litres General Oceanics
B 43	samples	H21	Oxygen Winkler method on board analysis with METROHM Tritino720 and sampler760
B 243	samples	H22, H24, H25, H76, H26	Phosphate, Nitrate, Nitrite, Ammonia, Silicate, on shore analysis with Autoanalyzer BRAN+LUEBBE model QuAAtro (2 Ch.)
B 13	samples	B02	Phytoplankton Pigments (Chlorophyl a, b, c) on shore analysis with HPLC DIONEX model PDA100+GP50
B 13	organic matter	P01	Samples for Total Suspended Matter analysis on shore

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**TRACK CHART :** ACS2.svg

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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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