
CRUISE SUMMARY REPORT

CRUISE Name : LT09-3 **No :** GDP09-??

CRUISE PERIOD start : 29 april 2009 **to end :** 30 april 2009
PORT OF DEPARTURE Ancona (ITALY)
PORT OF RETURN Ancona (ITALY)

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 : Pierluigi Penna CNR-ISMAR-AN

OBJECTIVES AND BRIEF NARRATIVE OF CRUISE

Third monitoring cruise (2009 year) of Long Term Programme which include the monitoring of TEA station (8 CTD casts, 41 m depth) and ANNAMARIA-B station (8 CTD casts, 56 m depth).

The cruise start at 22:00LT.

The recovery of the mooring on NAIDE was dangerous (sea state was 3-4).The check of NAIDE and TEA stations mooring was successful done.

Winkler analysis was not performed. Water samples filtration for Fluorometer calibration and TSM (Total Suspended Matter) were done on board.

The scientific crew was: Pierluigi Penna, Alessandra Campanelli and Giuseppe Caccamo from CNR-ISMAR Ancona.

PROJECT name : ENI **Coordinating body :** CNR-ISMAR-AN

PRINCIPAL INVESTIGATORS

| name | body | address | country | e-mail |
|-----------------|--------------|----------------------------------------|---------|--------------------------------|
| A Elio Paschini | CNR-ISMAR-AN | Largo Fiera della Pesca,2 60125 Ancona | ITALY | <i>e.paschini@ismar.cnr.it</i> |
| B Mauro Marini | as above | | | <i>m.marini@ismar.cnr.it</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(s) | D90 | cruise track Navigation program SeaClearII with GARMIN GPS 36 |
| A | 16 | cast(s) | H10 | SBE9/11+ (C, T, D), SBE43 (Oxy), TURNER SCUFA(FI, Tur) |
| A | 16 | cast(s) | H09 | "Carousel" SBE32 with 3 bottles of 10 litres YDRO-BIOS |
| B | 64 | samples | H22, H24, H25, H76, H26 | Phosphate, Nitrate, Nitrite, Ammonia, Silicate, on shore analysis with Autoanalyzer BRAN+LUEBBE model QuAAtro (2 Ch.) |
| B | 64 | samples | B02 | Phytoplankton Pigments (Chlorophyl a, b, c) on shore analysis with HPLC DIONEX model PDA100+GP50 |
| B | 16 | samples | B90 | TSM Total Suspended Matter on shore analysis with gravimetric method |

TRACK CHART : none

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

SPECIFIC AREAS : North Adriatic Sea
