

CRUISE SUMMARY REPORT

FOR COLLATING CENTRE USE

Centre: **DOD** Ref. No.:
 Is data exchange Yes In part No
 restricted

SHIP enter the full name and international radio call sign of the ship from which the data were collected, and indicate the type of ship, for example, research ship; ship of opportunity, naval survey vessel; etc.

Name: **ALKOR**Call Sign: **DBND**Type of ship: **Research vessel**CRUISE NO. / NAME **AL-232**

enter the unique number, name or acronym assigned to the cruise (or cruise leg, if appropriate).

CRUISE PERIOD start **30/10/2003** to **11/11/2003** end
 (set sail) day/ month/ year day/ month/ year (return to port)

PORT OF DEPARTURE (enter name and country) **Kiel, Germany**PORT OF RETURN (enter name and country) **Kiel, Germany**

RESPONSIBLE LABORATORY enter name and address of the laboratory responsible for coordinating the scientific planning of the cruise

Name: **GEOMAR, Research Centre for Marine Geosciences, University Kiel**Address: **Wischhofstr. 1-3, 24148 Kiel**Country: **Germany**

CHIEF SCIENTIST(S) enter name and laboratory of the person(s) in charge of the scientific work (chief of mission) during the cruise.

Dr. Olaf Pfannkuche (GEOMAR Research Centre, University Kiel, Germany)

OBJECTIVES AND BRIEF NARRATIVE OF CRUISE enter sufficient information about the purpose and nature of the cruise so as to provide the context in which the report data were collected.

Research Programme:

Geo-biological investigations of aphotic coral reef systems in the NE-Skagerrak.

Survey of existing coral reefs and search for new occurrences of aphotic reef building corals (Lophelia pertusa) in the NE-Skagerrak:

- bathymetric surveys for the indentifications of potential new reef sites
- ground truthing with grab samples
- grab samples for age determination of existing and decayed coral reefs
- ROV surveys of new coral reef sites
- CTD casts to describe environmental physical oceanographic conditions of coral occurrence

PROJECT (IF APPLICABLE) if the cruise is designated as part of a larger scale cooperative project (or expedition), then enter the name of the project, and of organisation responsible for co-ordinating the project.

Project name: **ALKOR 232**Coordinating body: **GEOMAR**

TRACK CHART: You are strongly encouraged to submit, with the completed report, an annotated track chart illustrating the route followed and the points where measurements were taken. Insert a tick(✓) in this box if a track chart is supplied

GENERAL OCEAN AREA(S): Enter the names of the oceans and/or seas in which data were collected during the cruise – please use commonly recognised names (see, for example, International Hydrographic Bureau Special Publication No. 23, 'Limits of Oceans and Seas').

Skagerrak, NE Atlantic

SPECIFIC AREAS: If the cruise activities were concentrated in a specific area(s) of an ocean or sea, then enter a description of the area(s). Such descriptions may include references to local geographic areas, to sea floor features, or to geographic coordinates.

Please insert here the number of each square in which data were collected from the below given chart

216 (entrance area of Oslo Fjord/ Norway; Koster Fjord area/ Sweden)

