

<h1 style="margin: 0;">CRUISE SUMMARY REPORT</h1>	<p style="text-align: center; margin: 0;"><i>FOR COLLATING CENTRE USE</i></p> <p>Centre: DOD Ref. No.: _____</p> <p>Is data exchange restricted <input type="checkbox"/> Yes <input checked="" type="checkbox"/> In part <input type="checkbox"/> No</p>
<p>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.</p> <p>Name: <u>Poseidon</u> Call Sign: <u>DBKV</u></p> <p>Type of ship: <u>Research Vessel</u></p>	
<p>CRUISE NO. / NAME <u>P470</u> enter the unique number, name or acronym assigned to the cruise (or cruise leg, if appropriate).</p>	
<p>CRUISE PERIOD start <u>25/05/2014</u> to <u>15/06/2014</u> end <small>(set sail) day/ month/ year day/ month/ year (return to port)</small></p> <p>PORT OF DEPARTURE (enter name and country) <u>Malaga, Spain</u></p> <p>PORT OF RETURN (enter name and country) <u>Funchal, Portugal</u></p>	
<p>RESPONSIBLE LABORATORY enter name and address of the laboratory responsible for coordinating the scientific planning of the cruise</p> <p>Name: <u>Leibniz-Institut für Ostseeforschung Warnemünde</u></p> <p>Address: <u>Seestraße 15, 18119 Rostock</u></p> <p>Country: <u>Germany</u></p>	
<p>CHIEF SCIENTIST(S) enter name and laboratory of the person(s) in charge of the scientific work (chief of mission) during the cruise.</p> <p><u>Dr. Joanna Waniek, Institut für Ostseeforschung Warnemünde, 18119 Rostock, Seestraße 15, Germany</u> <u>tel. ++49 381 5197 300</u></p>	
<p>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.</p> <p><u>The objectives of the cruise P470 from Malaga to Funchal in May/June 2014 on board R/V Poseidon were:</u> <u>1) to investigate the water column properties along three meridional transects (23°W-22°W-21°W between 31°N and 37°N) in order to localize the Azores Front and to understand the changes in biogeochemical properties.</u> <u>2) to perform extensive trials of the SMIS fleet at different depth levels and in deep sea (>5000 m).</u></p>	
<p>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.</p> <p>Project name:</p> <p>Coordinating body:</p>	

F. _____

This section should be used for reporting moorings, bottom mounted gear and drifting systems (both surface and deep) deployed and/or recovered during the cruise. Separate entries should be made for each location (only deployment positions need be given for drifting systems). This section may also be used to report data collected at fixed locations which are returned to routinely in order to construct 'long time series'.

[illegible]

SUMMARY OF MEASUREMENTS AND SAMPLES TAKEN

Except for the data already described on page 2 under 'Moorings, Bottom Mounted Gear and Drifting Systems', this section should include a summary of all data collected on the cruise, whether they be measurements (e.g. temperature, salinity values) or samples (e.g. cores, net hauls).

Separate entries should be made for each distinct and coherent set of measurements or samples. Different modes of data collection (e.g. vertical profiles as opposed to underway measurements) should be clearly distinguished, as should measurements/sampling techniques that imply distinctly different accuracy's or spatial/temporal resolutions. Thus, for example, separate entries would be created for i) BT drops, ii) water bottle stations, iii) CTD casts, iv) towed CTD, v) towed undulating CTD profiler, vi) surface water intake measurements, etc.

Each data set entry should start on a new line – it's description may extend over several lines if necessary.

NO, UNITS : for each data set, enter the estimated amount of data collected expressed in terms of the number of 'stations'; miles of track; 'days' of recording; 'cores' taken; net 'hauls'; balloon 'ascents'; or whatever unit is most appropriate to the data. The amount should be entered under 'NO' and the counting unit should be identified in plain text under 'UNITS'.

PI see page 2	NO see above	UNITS see above	DATA TYPE Enter code(s) from list on cover page	DESCRIPTION Identify, as appropriate, the nature of the data and of the instrumentation/sampling gear and list the parameters measured. Include any supplementary information that may be appropriate, e. g. vertical or horizontal profiles, depth horizons, continuous recording or discrete samples, etc. For samples taken for later analysis on shore, an indication should be given of the type of analysis planned, i.e. the purpose for which the samples were taken.
A	40	°C, mgm-3	H10	CTD(>5000 m): continuous temperature, salinity & Chl-a fluorescence vertical profiles
A	200	mg/l	P01	samples for suspended particulate matter at surface
B	309	mg/l	B71	particulate organic carbon
B	240	mgm-3	B02	chlorophyll a samples
A	1	°C,,kgm-3	H71	continous Thermosalinograph records: temperature, salinity, fluorescence at surface
C	312	µM	H24	discrete nitrate/nitrite samples
C	312	µM	H26	discrete silicate samples
C	312	µM	H22	discrete phosphate samples
				Please continue on separate sheet if necessary

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').

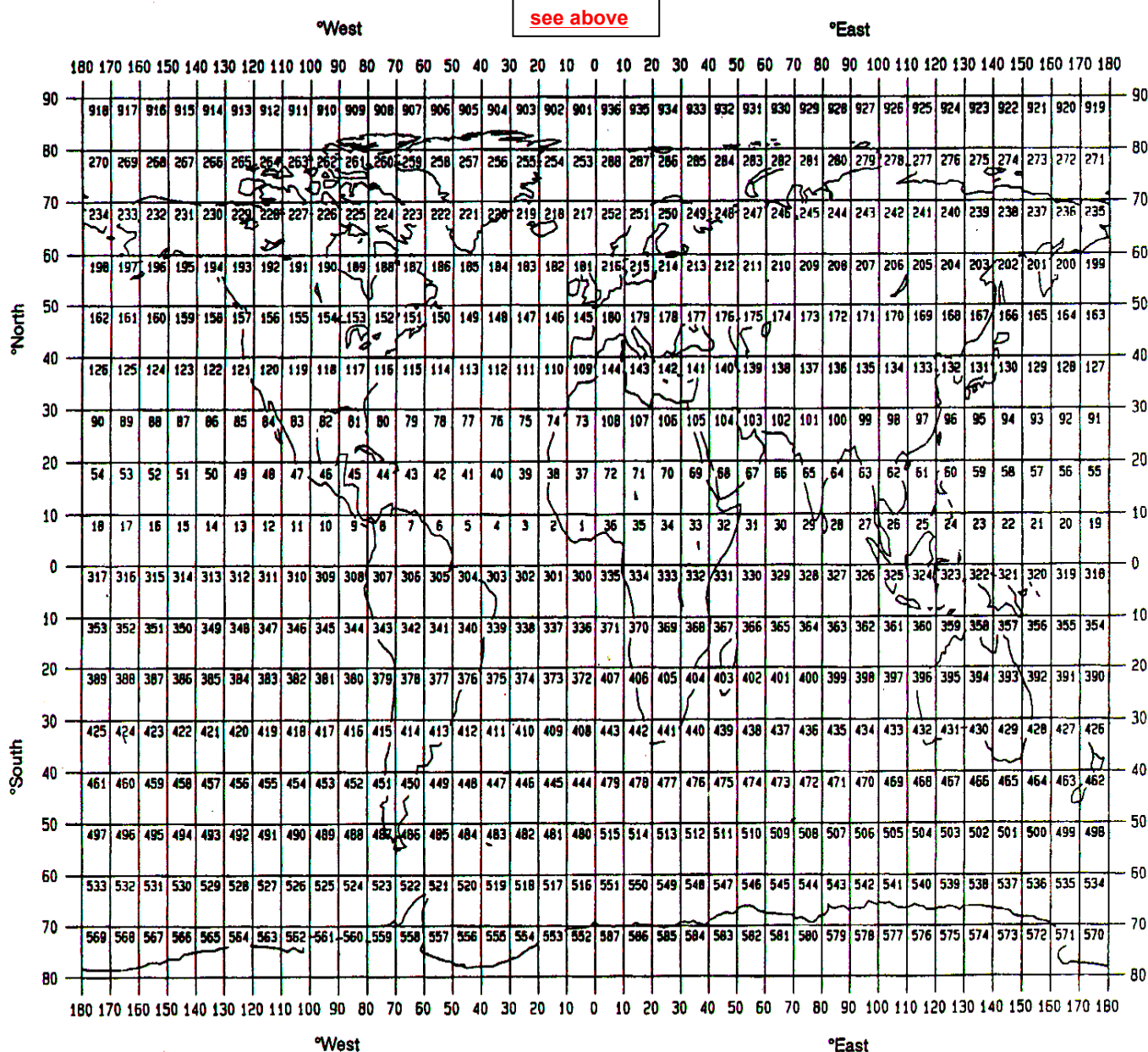
subtropical Northeast Atlantic, Madeira Basin

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

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GEOGRAPHIC COVERAGE - INSERT 'X' IN EACH SQUARE IN WHICH DATA WERE COLLECTED



THANK YOU FOR YOUR COOPERATION

Please send your completed report without delay to the collating centre indicated on the cover page