

TEMPLATE FOR SUBMISSION OF TEXTUAL PROPOSALS DURING THE 28TH SESSION: COUNCIL - PART III

Please fill out one form for each textual proposal which your delegation(s) wish(es) to amend, add or delete and send to council@isa.org.jm.

1. Name of Working Group:

Informal Working Group on the protection and preservation of the marine environment

2. Name(s) of Delegation(s) making the proposal:

Federative Republic of Brazil

3. Please indicate the relevant provision to which the textual proposal refers.

Executive Summary

4. Kindly provide the proposed amendments to the regulation or standard or guideline in the text box below, using the “track changes” function in Microsoft Word. Please only reproduce the parts of the text that are being amended or deleted.

- Paragraph 4.4, change to: "Provide a general **CHARACTERIZATION** of the local meteorology (e.g., wind directions and speeds, seasonal **AND INTERANNUAL** patterns and variability);

- Paragraph 4.6, add: "optical properties and turbidity, **SURFACE, MID-WATER AND BOTTOM** currents regimes, tides, waves, turbulence, and oceanographic fronts";

- Paragraph 4.7, add: "redox regimes, carbonate saturation, **HYDROCARBON**, and spatial";

- Paragraph 4.8, add: "grain size, **MINERALOGY**, sediment mechanics";

- Paragraph 4.9, change to: "climate-related variability, **SLIDES, SLUMPS**, etc";

- Paragraph 4.11, add: "Provide a description **AND QUANTIFICATION** of the level";

- Paragraph 4.12, add: "abyssal hills, **FRACTURE ZONES** and canyons";

- Paragraph 5.4, add: "description of biological **AND ECOLOGICAL** properties"; and change it to:

"description of the **BENTHIC ECOSYSTEM** fauna is structured";

- Paragraph 5.4.3, change to: "the sea floor **AND AT LEAST 5 METERS BELOW (INTO THE SEDIMENTS).**";

- Paragraph 5.4.4, change to: "behavioural information. **IDENTIFY, PRESERVE AND DISTRIBUTE TO THE SCIENTIFIC COMMUNITY** any unique";

- Paragraph 6.2.2, change to: "Regional Environmental Management Plan, **IN ACCORDANCE WITH IALA'S REGULATIONS**, to provide a summary of";

- Paragraph 6.2.5, change to: "**List SOCIOCULTURAL USES OF** the project area";

- Paragraph 6.2.6, add: "(e.g., other, exploitation projects, **SPORTS AND LEISURE**);

- Paragraph 7.2 ter (b), add: "Geology **AND GEOPHYSICS**";

and "Effects to be considered include: **(J) CHANGES IN THE ABUNDANCE AND DIVERSITY OF ORGANISMS PRESENT IN THE BENTHIC ECOSYSTEM IN AREAS ADJACENT TO EXPLOITED DEPOSITS, UP TO A MINIMUM DISTANCE OF ONE NAUTICAL MILE**";

- Paragraph 9.2.1.4, add: "description of residual impacts, **ACCORDING TO THE IALA'S REGULATIONS**".

5. Please indicate the rationale for the proposal.

4. Description of the existing physiochemical and geological oceanography

4.4 - This provision would benefit from a more precise concepts in terms of local meteorology and What characterizes it and Its variability in a time frame;

4.6 - this provision also gains more clarity if we add the precision in location - surface, mid water and bottom;

4.7 - hydrocarbon is an element to be added to make the provision more accurate;

4.8 - adding the word mineralogy is also necessary for the same reason;

4.9 - the changes proposed « climate-related variability, SLIDES, SLUMPS, etc" help clarify this provision;

4.11 - adding « and quantification » its relevant to make the description process more complete and more meaningful when analysis is being undertaken;

4.12 - fracture zones are an important element to be included and considered in this provision;

5. Description of the existing biological environment

5.4 - the added element « and ecological » and the change « to benthic system » will make the provision more accurate.

The same reasoning applies to the changes proposed to 5.4.3 (“the sea floor AND AT LEAST 5 METERS BELOW (INTO THE SEDIMENTS”) and 5.4.4, (“behavioral information. IDENTIFY, PRESERVE AND DISTRIBUTE TO THE SCIENTIFIC COMMUNITY any unique”);

6. Description of the existing human activities socioeconomic and sociocultural environment

6.2.2 - the Reference to IALA (International Association of Marine Aids to Navigation and Lighthouse Authorities) and the consistency with its regulations are extremely important for REMPS and the provision must be clear about it;

6.2.5 - List of social-cultural uses is an important element to be also considered;

6.2.6 - we understand that express reference to sports and leisure is necessary;

7 - Assessment of impacts on the physical, chemical, and geological environment and proposed Mitigation

7.2 - adding “and geophysics” makes the provision clearer; the same is the purpose in proposed language: « Effects to be considered include: (J)

CHANGES IN THE ABUNDANCE AND DIVERSITY OF ORGANISMS PRESENT IN THE BENTHIC ECOSYSTEM IN AREAS ADJACENT TO EXPLOITED DEPOSITS, UP TO A MINIMUM DISTANCE OF ONE NAUTICAL MILE";

9. Assessment of impacts on the socioeconomic and sociocultural environment and proposed Mitigation

9.2.1.4 - the consistency with IALA's (International Association of Marine Aids to Navigation and Lighthouse Authorities) regulations is also fundamental and that is the reason why the change is being proposed.
