

<i>Document reviewed</i>		
<b>Title of the draft being reviewed:</b>	Draft Standard and Guidelines for the safe management and operation of mining vessels and installations	
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<i>General Comments</i>		
<ol style="list-style-type: none"> <li>1. In terms of the content of the draft standard and guidelines, it is necessary to handle its relation with relevant international law and other standard and guidelines. The content of the guidelines is too general. It is suggested to delete the standards and incorporate relevant contents into the guidelines.</li> <li>2. The draft only emphasizes that the ships and equipment should meet the design and manufacturing standards, but lacks coresponding Parameters and technical indicators. Relevant safety measures and safety assessment should be done to reduce various risks before the contractors start the deep sea mining exploration. It is suggested to further clarify the relevant content.</li> <li>3. The existing rules and regulations cover most of the mining vessels and facilities in terms of design and offshore operations, but there are still gap in the operation of the mining equipment and the interface with the marine system. There are no standards to refer on special mining equipment including mining vehicles, water surface treatment and etc. and the draft does not mention how to solve these technical standards.</li> </ol>		
<i>Specific Comments</i>		
<b>Page</b>	<b>Line</b>	<b>Comment</b>
2	12	It is suggested to explain the standards, regulations and guidelines in a more detailed manner and classify them as mandatory and recommended items according to international practice.
3	122	Norwegian standard J-003 for offshore operation (revised on August 2, 1997) and Norwegian standard J-CR-003 for offshore operation (revised on August 1, 1997) have both been withdrawn.

4	148	It is difficult to unify the standards of various countries for the equipment of mining vessels and facilities at this stage. Some standards of China can be mentioned appropriately.
6	135	The division of liability should be determined according to international law, as well as the domestic laws of the sponsoring state and the flag state. It is suggested to delete the sentence.