

## Accepted Manuscript

Experimental study on the response of multi-layered protective structure subjected to underwater contact explosions

Jing Zhang , Xing Hua Shi , C. Guedes Soares

PII: S0734-743X(16)30523-1  
DOI: [10.1016/j.ijimpeng.2016.10.004](https://doi.org/10.1016/j.ijimpeng.2016.10.004)  
Reference: IE 2756



To appear in: *International Journal of Impact Engineering*

Received date: 13 August 2016  
Accepted date: 18 October 2016

Please cite this article as: Jing Zhang , Xing Hua Shi , C. Guedes Soares , Experimental study on the response of multi-layered protective structure subjected to underwater contact explosions, *International Journal of Impact Engineering* (2016), doi: [10.1016/j.ijimpeng.2016.10.004](https://doi.org/10.1016/j.ijimpeng.2016.10.004)

This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting proof before it is published in its final form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.

**Highlights**

- Full-scale underwater contact explosion experiments were carried out on the multi-layered structure for increased charge weights.
- The damages and deformations were recorded.
- The crevasse size, damage type, petalling and role of compartments were discussed.
- Reveal the mechanics of multi-layered structure subjected to underwater contact explosions as a good anti-explosive defense structure.

ACCEPTED MANUSCRIPT

Download English Version:

<https://daneshyari.com/en/article/5015632>

Download Persian Version:

<https://daneshyari.com/article/5015632>

[Daneshyari.com](https://daneshyari.com)