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| and<br>and<br>App            | experimentally. Methods to analyze hull girder loads I load effects, stiffened panel ultimate strength hull girder ultimate strength of aluminum multi-hull ship structures are developed in the present study.<br>lication examples of the methodologies for the ULS structural design and strength assessment of a tabletical 100m long of ultimate and the structural design and strength assessment of a | Inform me when this document is cited in Scopus:<br>Set citation alert   Set citation feed  |
| cond                         | clusions developed from the present study are summarized. Some of the comparisons have shown that  | Related documents   |
| 5383<br>term<br>deve<br>mult | 3 called Sealium (a patented Alcan Marine alloy) is superior to the standard aluminum alloy 5083 in<br>is of material properties, ULS characteristics and welding performance. It is our hope that the methods<br>eloped from the present study will be useful for ULS design and strength assessment of aluminum<br>i-hull ship structures  | Ultimate limit state design technology for aluminum<br>multi-hull ship structures<br>Paik, J.K., Hughes, O.F., Hess III, P.E.<br>(2006) 2005 SNAME Maritime Technology Conference and   |
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