Probability of Grounding and Collision Events

To quantify the risks involved in ship traffic, rational criteria for collision and grounding accidents have to be developed. This implies that probabilities as well as inherent consequences have to be analyzed and assessed. The present notes outline a method for evaluation of the probability of ship-ship collisions, ship-platform collisions, and ship groundings. The main benefit of the method is that it allows comparisons of various navigation routes and procedures by assessing the relative frequencies of collisions and groundings.

General information
Publication status: Published
Organisations: Department of Naval Architecture and Offshore Engineering
Contributors: Pedersen, P. T.
Number of pages: 36
Publication date: 1996

Publication information
Original language: English
Source: orbit
Source ID: 166110
Research output: Book/Report › Book – Annual report year: 1996 › Research › peer-review