
STATUTORY INSTRUMENTS

2022 No. 1219

The Merchant Shipping (High Speed Craft) Regulations 2022

PART 2

Requirements for high speed craft

Risk assessment with reference to wash

11.—(1) A risk assessment with respect to wash must be prepared in relation to a high speed craft before it proceeds or attempts to proceed to sea or on any voyage.

(2) The risk assessment required by paragraph (1) must—

- (a) be carried out in accordance with generally recognised procedures for risk assessment;
- (b) identify—
 - (i) any likely areas of potentially hazardous wash, taking into account possible operating conditions and the classification of wash as sub-critical, critical or super-critical, and
 - (ii) the operating restrictions necessary to reduce that potentially hazardous wash, and
- (c) be documented in the route operational manual required by paragraph 18.2.2 of the High-Speed Craft Code, 1994 or paragraph 18.2.2 of the High-Speed Craft Code, 2000.

(3) In this regulation—

“wash” means the sweep of waves left behind by a moving craft, classified as sub-critical, critical or supercritical in terms of the depth Froude number $Fnh = V_s/\sqrt{gh}$ where Fnh describes the ratio of the vessel’s speed to the wave propagation velocity in shallow water, V_s is the ship speed in metres per second, g is the acceleration due to gravity and h is the water depth in metres: for the purposes of classification “sub-critical” means $Fnh < 0.85$, “critical” means $Fnh = 0.85$ to 1.15 and “supercritical” means $Fnh > 1.15$.

Commencement Information

11 Reg. 11 in force at 19.12.2022, see [reg. 1\(1\)](#)

Changes to legislation:

There are currently no known outstanding effects for the The Merchant Shipping (High Speed Craft) Regulations 2022, Section 11.