

ANNEX 12

FACTORS TO BE CONSIDERED IN DETERMINING CRAFT OPERATING LIMITATIONS*

* Refer to the guidelines to be developed by the Organization

Refer to "Guidelines for uniform operating limitations of high-speed craft", MSC.1/Circ.1329, Annex 2 also to 1.9.7 of the Code.

1 Purpose and scope

The purpose of this annex is to identify the parameters to which consideration should be given when determining the worst intended conditions (defined in 1.4.61) and other operational limitations (defined in 1.4.42) for insertion into the Permit to Operate, in order to facilitate consistent application of the Code.

2 Factors to be considered

As a minimum, the following factors shall be considered:

- .1 The maximum distance from refuge implied by 1.3.4.
- .2 The availability of rescue resources to comply with 1.4.12.1 (category A craft only).
- .3 Minimum air temperature (susceptibility to icing), visibility and depth of water for safe operation as addressed by 1.4.61.
- .4 The significant wave height and maximum mean wind speed used when applying the requirements for stability and buoyancy in chapter 2 and associated annexes.
- .5 The safe seakeeping limitations (especially significant wave height) considering the known stability hazards listed in 2.1.5, the operating conditions on the intended route (see 18.1.3.2) and the motions experienced during operation defined in 3.3 of annex 9.
- .6 The structural safety of the craft in critical design conditions according to chapter 3.
- .7 The safe deployment and operation of evacuation systems and survival craft as required by 8.6.5.
- .8 The safe handling limitations determined in accordance with the sea trials required by chapter 17 and annexes 3 and 9, identifying any limitations on weight and centre-of-gravity position according to 17.3, and the effects of failures and malfunctions according to 17.4.

Note that according to 1.9.2 and Annex 2 an Administration may in addition impose other operating limitations, for example:

- (a) restrictions on speed and routing in order to minimize the hazardous effects of wash waves.
- (b) measures to minimize the risk of grounding at high speed (see guidance on Annex 2).