

# **HSC7 Machinery Installations – Dead Craft Condition**

(Dec 2003)  
(Rev.1 Nov  
2005)

## **Chapter 9 - Machinery Part A - General Paragraph 9.1.5**

Means shall be provided to ensure that machinery can be brought into operation from the dead craft condition without external aid.

### **Interpretation**

Dead craft condition for the purpose of Regulation 9.1.5 is to be understood to mean a condition under which the main propulsion plant and auxiliaries are not in operation and, in restoring the propulsion, no stored energy is assumed to be available for starting and operating the propulsion plant, the main source of electrical power and other essential auxiliaries. It is assumed that means are available at all times to start the emergency generator or one of the main generators when the main source is arranged according to paragraph 12.7.2.

Where the emergency source of power is an emergency generator which complies with section 12.4, or a main generator meeting the requirements of paragraph 12.7.2, it is assumed that means are available to start this generator and consequently this generator may be used for restoring operation of the main propulsion plant and auxiliaries where any power supplies necessary for engine operation are also protected to a similar level as the starting arrangements.

Where there is no emergency generator installed or an emergency generator does not comply with section 12.4, the arrangements for bringing main and auxiliary machinery into operation are to be such that initial charge of starting air or initial electrical power and any power supplies for engine operation can be developed on board the craft without external aid. If for this purpose an emergency air compressor or electric generator is required, these units are to be powered by a hand-starting oil engine or a hand-operated compressor. The arrangements for bringing main and auxiliary machinery into operation are to have a capacity such that the starting energy and any power supplies for engine operation are available within 30 minutes of a dead craft condition.

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### Note:

1. This UI is to be uniformly implemented by IACS Members and Associates from 1 March 2004.
2. Refer to IMO MSC/Circ. 1177.  
(Rev.1 is to introduce a reference to IMO MSC/Circ. 1177 with no change of technical substance).

