

Observations during test

15. The following observations should be made during a test:
- (a) time of occurrence of any flaming, its duration and spread;
 - (b) occurrence of smoke and other products of combustion and a relative evaluation of their severity;*
 - (c) damage suffered by the deck covering.

Classification of deck covering

16. The deck covering should be classified as "not readily ignitable" if with neither specimen is there any continuous flaming during the test. Any flaming continuing for 10 seconds or more after the local application of the test flame should be considered as continuous flaming.

28 November 1968
Agenda item 9

RESOLUTION A.166(ES.IV)

GUIDELINES ON THE EVALUATION OF FIRE
HAZARD PROPERTIES OF MATERIALS

The Assembly,

Noting Article 16(i) of the Convention on the Inter-Governmental Maritime Consultative Organization concerning the functions of the Assembly,

Noting also Recommendation 11 of the International Conference on Safety of Life at Sea, 1960,

Desiring to ensure uniformity in evaluating fire hazard properties of materials,

Having considered the Guidelines adopted by the Maritime Safety Committee at its seventeenth session,

Recommends that until such time as further technical studies have been completed leading to uniformity of test procedure, Administrations should apply the following guidelines in deciding the flame-spread characteristics of surface and finishing materials:

- (a) In evaluating the flame-spread of material, Administrations should employ the national test method commonly used for building materials provided the procedure is considered capable of providing information on the behaviour of surfaces under fire conditions which may be met in an actual fire aboard ship;

* Methods of measurement for smoke density and other products of combustion are under investigation.

- (b) only materials which demonstrate good performance according to national classification should be considered to satisfy the property of "low flame-spread" for shipboard use;
- (c) materials should not be regarded as having a satisfactory "low flame-spread" characteristic if they release any significant quantity of smoke during testing. Administrations are encouraged to establish or adapt test procedures to measure and rate the property of smoke emission;
- (d) as regards toxicity, fire testing laboratories are generally not equipped at present to evaluate this property. Administrations should bring to bear on this problem facilities in the field of medical science. No guidelines can be offered to assist in the determination of toxicity, but Administrations should be aware that the measures taken in manufacturing to improve "low flame-spread" in some cases tend to increase toxicity in the material produced,

Requests the Maritime Safety Committee to continue the study on this subject,

Authorizes the Maritime Safety Committee to amend the guidelines as necessary in the light of the results of such study.

28 November 1968
Agenda item 9

RESOLUTION A.167(ES.IV)

Superseded by A.749(18)

RECOMMENDATION ON INTACT STABILITY FOR PASSENGER
AND CARGO SHIPS UNDER 100 METRES IN LENGTH

The Assembly,

Noting Article 16(i) of the Convention on the Inter-Governmental Maritime Consultative Organization concerning the functions of the Assembly,

Noting also Recommendation 7 of the International Conference on Safety of Life at Sea, 1960,

Recognizing the need to establish international standards for intact stability of passenger ships and cargo ships,

Having considered the Recommendation adopted by the Maritime Safety Committee at its seventeenth session,

Adopts the Recommendation on Intact Stability for Passenger and Cargo Ships under 100 metres in length, the text of which is set out in the Annex to this Resolution,

Invites all governments concerned to take steps to give effect to the Recommendation as soon as possible, unless they are fully satisfied that their national stability requirements supported by long operating experience ensure adequate stability for particular types and sizes of ships,