

Australian/New Zealand Standard™

**Global maritime distress and safety
system (GMDSS)**

**Part 12: Survival craft portable two-way
VHF radiotelephone apparatus—
Operational and performance
requirements, methods of testing and
required test results
(IEC 61097-12, Ed. 1.0 (1996) MOD)**

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AS/NZS 61097.12:2008

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PREFACE

This Standard was prepared by the Joint Standards Australia/Standards New Zealand Committee RC-004, Radiocommunications Equipment—General, to supersede AS 4416—1996.

The objective of this Standard is to specify the minimum performance requirements, technical characteristics and methods of testing with required test results of survival craft portable two-way radiotelephone apparatus as required by chapter III of the 1988 amendments to the 1974 International Convention for the Safety of Life at Sea (SOLAS).

This Standard is an adoption with national modifications and has been reproduced from IEC 61097-12, Ed. 1.0 (1996), *Global maritime distress and safety system (GMDSS) Part 12: Survival craft portable two-way VHF radiotelephone apparatus—Operational and performance requirements, methods of testing and required test results*, and has been varied as indicated to take account of Australian/New Zealand conditions.

Variations to IEC 61097-12, Ed. 1.0 (1996) are indicated at the appropriate places throughout this standard. Strike-through (~~example~~) identifies IEC text, tables and figures that, for the purposes of this Australian/New Zealand Standard, are deleted. Where text, tables or figures are added, each is set in its proper place and identified by shading (~~example~~). Added figures are not themselves shaded, but are identified by a shaded border.

The terms ‘normative’ and ‘informative’ are used to define the application of the annex to which they apply. A normative annex is an integral part of a standard, whereas an informative annex is only for information and guidance.

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Any table, figure or text of the International Standard that is struck through is not part of this Standard. Any Australian/New Zealand table, figure or text that is added is part of this Standard and is identified by shading.

1 Scope

This part of IEC 61097 specifies the minimum performance requirements, technical characteristics and methods of testing with required test results of survival craft portable two-way radiotelephone apparatus as required by chapter III of the 1988 amendments to the 1974 International Convention for the Safety of Life at Sea (SOLAS), and which is associated with IEC 60945. When a requirement in this standard is different from IEC 60945, the requirement in this standard shall take precedence.

This standard incorporates the applicable parts of the performance requirements included in IMO Resolution A.809(19) annex 1 and the technical characteristics included in ITU M.489-2 and ITU-R M.542-1, and takes account of the general requirements contained in IMO Resolution A.694(17), and conforms with the ITU Radio Regulations where applicable. Refer to MSC.149(77) Annex 11.

NOTE – All text of this standard, whose wording is identical to that in IMO Resolutions A.809(19) and A.694(17) and ITU-RM.489-2 is printed in italics and the Resolution/Recommendation and paragraph numbers are indicated in brackets.

2 Normative references

The following normative documents contain provisions which, through reference in this text, constitute provisions of this part of IEC 61097. At the time of publication, the editions indicated were valid. All normative documents are subject to revision, and parties to agreements based on this part of IEC 61097 are encouraged to investigate the possibility of applying the most recent edition of the normative documents indicated below. Members of IEC and ISO maintain registers of currently valid International Standards.

IEC 60529:1989, *Degrees of protection provided by enclosures (IP code)*

IEC 60945:1994, *Marine navigational equipment – General requirements – Methods of testing and required test results*

IMO International Convention for the Safety of Life At Sea (SOLAS): 1974, as amended 1988 (GMDSS) – *Chapter III: Life-saving appliances and arrangements*

IMO Resolution A.694(17):1991, *General requirements for shipborne radio equipment forming part of the global maritime distress and safety system (GMDSS) and for electronic navigational aids*

IMO Resolution A.809(19): 1995, *Performance standards for survival craft two-way VHF radiotelephone apparatus*