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AS/NZS 4869.1:2005

Australian/New Zealand Standard™

Maritime Survivor Locating Systems (MSLS)

Part 1: Operating on 121.5 MHz

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This Joint Australian/New Zealand Standard was prepared by Joint Technical Committee RC-004, Radiocommunications Equipment—Maritime and Safety of Life. It was approved on behalf of the Council of Standards Australia on 24 May 2005 and on behalf of the Council of Standards New Zealand on 3 June 2005. This Standard was published on 8 August 2005.

The following are represented on Committee RC-004:

Australian Communications Authority
Australian Electrical and Electronic Manufacturers Association
Australian Federal Police
Australian Maritime Safety Authority
Civil Aviation Safety Authority
Electromagnetic Technical Evaluation Committee
Maritime Safety Authority (New Zealand)
Ministry of Economic Development (New Zealand)
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PREFACE

This Standard was prepared by Joint Standards Australia/Standards New Zealand Committee RC-004, Radiocommunications Equipment—Maritime and Safety of Life.

It has been developed generally based on test methods used in AS/NZS 4330:2000, *121.5 and 243.0 MHz emergency position indicating radio beacons (EPIRBs) including personal EPIRBs* and for receiver sensitivity testing on AS/NZS 4768.2:2003, *Digital radio equipment operating in land mobile and fixed services bands in the frequency range 29.7 MHz to 1 GHz* Part 2: *Methods of test (IEC 60489-6:1999, MOD)*

The objective of this Standard is to provide the essential standards and minimum requirements for the design and construction of 121.5 MHz Maritime Survivor Locating Systems.

The term 'normative' has been used in this Standard to define the application of the appendix to which it applies. A 'normative' appendix is an integral part of a Standard.

MSLS systems may be developed and employed on other frequencies including those covered by the Australian Communications Authority's *Radiocommunications (Low Interference Potential Devices) Class Licence 2000* or the New Zealand Ministry of Economic Development's *General user radio licence*. Those systems are not within the scope of this part of the Standard. The technical requirements for short-range devices are contained in AS/NZS 4268:2003, *Radio equipment and systems—Short range devices—Limits and methods of measurement.*

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