

ISO 21195:2020 (E)

Ships and marine technology — Systems for the detection of persons while going overboard from ships (Man overboard detection)

Contents

	Foreword
	Introduction
1	Scope
2	Normative references
3	Terms and definitions
4	Abbreviated terms
5	Requirements
5.1	General
5.2	Principle of operation
5.3	System description
5.4	Control station
5.5	Design and testing
5.5.1	General
5.5.2	Light emitting system components
5.5.3	Noise emitting system components
5.5.4	Power
5.5.5	Electromagnetic compatibility
5.5.6	Ingress protection
5.5.7	Environmental vibration
5.5.8	Thermal performance
5.6	MOB detection
5.7	MOB detection zone
5.8	MOB indication initiators
5.9	Visual indication
5.10	Audible indication
5.11	MOB verification data
5.12	MOB Event actions
5.13	MOB event message
5.14	MOB event log
5.15	Operational status
5.16	Captured data
5.17	Date and time stamps
5.18	Data storage
5.19	User account types
5.20	Access controls
5.21	Anti-tamper protection
5.22	Security log
5.23	Compliance with appropriate IMO resolutions
5.24	MOB testing manikin
6	Controlled environment performance requirements
6.1	General
6.2	Basic probability of detection
7	Shipboard-based performance requirements
7.1	General
7.2	Probability of detection

7.3 False alarm rate

7.4 Standby mode

Annex A (informative) Recommendations

A.1 General

A.2 Event markers

A.3 Voyage data recorder

A.4 Bridge alert management

Page count: 15