



**JABATAN LAUT MALAYSIA  
MARINE DEPARTMENT MALAYSIA**

**MALAYSIAN SHIPPING NOTICE**

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Notis kepada pemilik kapal serta orang yang mempunyai kepentingan kepada kebenaran pengeluaran sijil-sijil statutory.

*Notice to ship owners and persons with interest toward the delegation of statutory certification.*

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***APPROVAL, SURVEYS AND PERFORMANCE STANDARDS OF  
NAVIGATIONAL SYSTEMS AND EQUIPMENT AND VOYAGE DATA RECORDER***

Type approved for navigational systems and equipment and voyage data recorder required under Regulation 18, Chapter v of SOLAS 74/78 installed onboard of Malaysian ships.

NAVIGATIONAL SYSTEMS AND EQUIPMENT AND VOYAGE DATA RECORDER which complied with performance standard not inferior to the performance standard adopted by International Maritime Organization is accepted to be installed on-board Malaysian Ships.

The performance standard set out in this notice may be subject to amendments from time to time and any amendments will be notified through Malaysian Shipping Notice.

The performance standard and specification to which such equipments shall comply are set out in **ANNEX 1.**

**Ketua Pengarah Laut/ *Director General of Marine***  
**Tarikh/Date: 24 DECEMBER 2008**

**Annex 1:**

- **Resolution A.694(17):** Recommendations on general requirements for shipborne radio equipment forming part of the global maritime distress and safety system (GMDSS) and for electronic navigational Aids .
- **Resolution A.424(XI):** Recommendation on performance standards for gyro-compasses
- **Resolution MSC.64(67), annex 4:** Recommendation on performance standards for radar equipment
- **Resolution A.823(19):** Performance standards for automatic radar plotting aids
- **Resolution A.817(19), as amended by resolutions MSC.64(67), annex 5 and MSC.86(70), annex 4, as appropriate:** Recommendation on performance standards for electronic chart display and information systems (ECDIS);
- **Resolution A.529(13):** Recommendation on accuracy standards for navigation
- **Resolution A.818(19):** Recommendation on performance standards for shipborne Loran-C and Chayka receivers
- **Resolution A.819(19) as amended by resolution MSC.112(73):** Recommendation on performance standards for shipborne global positioning system receiver equipment
- **Resolution MSC.53(66) as amended by resolution MSC.113(73):** Recommendation on performance standards for shipborne GLONASS receiver equipment
- **Resolution MSC.64(67), annex 2, as amended by resolution MSC.114(73):** Recommendation on performance standards for shipborne DGPS and DGLONASS maritime radio beacon receiver equipment
- **Resolution MSC.74(69), annex 1, as amended by resolution MSC.115(73):** Recommendation on performance standards for combined GPS/GLONASS receiver equipment
- **Resolution MSC.64(67), annex 3:** Recommendation on performance standards for heading control systems
- **Resolution MSC.74(69), annex 2:** Recommendation on performance standards for track control systems
- **Resolution MSC.74(69), annex 3:** Recommendation on performance standards for a universal shipborne automatic identification system (AIS)
- **Resolution A.224(VII), as amended by resolution MSC.74(69), annex 4:** Recommendation on performance standards for echo-sounding equipment
- **Resolution A.824(19), as amended by resolution MSC.96(72):** Recommendation on performance standards for devices to indicate speed and distance
- **Resolution A.526(13):** Performance standards for rate-of-turn indicators

- **Resolution A.575(14):** Recommendation on unification of performance standards for navigational equipment
- **Resolution A.343(IX):** Recommendation on methods of measuring noise levels at listening posts
- **Resolution A.384(X):** Recommendation on performance standards for radar reflectors
- **Resolution A.382(X):** Recommendation on performance standards for magnetic compasses
- **Resolution MSC.95(72):** Recommendation on performance standards for daylight signalling lamps
- **Resolution MSC.86(70), annex 1:** Recommendation on performance standards for sound reception systems
- **Resolution MSC.86(70), annex 2:** Recommendation on performance standards for marine transmitting magnetic heading devices (TMHDs)
- **Resolution A.861(20):** Recommendation on performance standards for voyage data recorders (VDRs)
- **Resolution MSC.116(73):** Recommendations on performance standards for marine transmitting heading devices (THDs)
- **Resolution MSC.163(78)** - Performance Standards for Shipborne Simplified Voyage Data Recorders (S-VDRs)
- **Resolution MSC.210(81)** - Performance Standards and Functional Requirements for the Long-range Identification and Tracking of Ships