



# RAYAH MARITIME SERVICES GROUP (RMSG)

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**Subject:** Bridge Navigational Watch Alarm System (BNWAS) Carriage Requirements

**Refer to:** Ship Owners – Operators

**References:** IMO Resolutions:

i. MSC.282 (86) – SOLAS 74 / Cpt. V / Reg. 19

ii. MSC.128 (75) – BNWAS Standards

**Ship Type Applicability:** All Passenger and Cargo Ships engaged on International  
And/or Domestic voyages

**Action Date:** Based on below mentioned Ship Type, Size and Keel Laying date

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Dear All,

We would like to draw to your kind attention the new ship-borne equipment which will be required to be fitted onboard ships in the forthcoming period. More specifically, a Bridge Navigational Watch Alarm System (BNWAS) shall be required to be fitted onboard and its purpose is to monitor the awareness of the Officer of the Watch (OOW) and automatically alerts the Master or another qualified OOW in cases where the OOW becomes incapable of performing the OOW's duties.

BNWAS has become mandatory for certain new ships on delivery after 1 July 2011. Existing ships will be required to retrofit the equipment “at the first survey basis”, in accordance with the application schedule below, based on ship type, size and keel laying date.

Although the “first survey” may not coincide with dry docking, owners should be aware that substantial work could be involved in retrofitting this equipment, which could take the ship out of service. Consideration should therefore be given to carrying out the necessary modifications in dry dock, before the mandatory implementation date. The agreement of the ship’s flag administration would be required to postpone retrofitting beyond this date.



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BNWAS carriage requirements apply to following ships engaged on International and/or Domestic voyages as well:

Ship Type	Gross tonnage	New ships (Keel Laid)	Existing ships
Passenger Ships	Irrespective of size	After 01/07/2011	Not later than the first survey* on or after 01/07/2012
Cargo Ships	3.000 gt and above	After 01/07/2011	Not later than the first survey* on or after 01/07/2012
	500 gt - 2.999 gt	After 01/07/2011	Not later than the first survey* on or after 01/07/2013
	150 – 499 gt	After 01/07/2011	Not later than the first survey* on or after 01/07/2014

BNWAS installed prior to 1 July 2011 may subsequently be exempted from full compliance with the standards adopted by the Organization, at the discretion of the Administration.

\* The first survey means the first annual / periodical / renewal survey, whichever is due first after the specified date. For a passenger ship, this is the first renewal survey for Passenger Ship Safety Certificate. For a cargo ship (non-passenger ship), this is either the Cargo Ship Safety Equipment Survey or for ships with a Cargo Ship Safety Certificate, the Cargo Ship Safety Survey. For both passenger ships and cargo ships which are under construction, if the keel is laid before, but the ship is delivered after, the date specified in the relevant regulation, the first survey is the initial survey.

Ship-owners / Operators are invited to note the aforementioned developments regarding full compliance with this requirement.

At this point, we would like to thank you for your kind attention and for any further clarification you may need about this procedure or other technical matter, please don't hesitate to contact with our Technical Dpt. ([tech@rayahgroup.org](mailto:tech@rayahgroup.org))

**Best regards**

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