



EUROSUL Fornecedor de Navios Ltda.
Rua Iapó, 180 - Alphaville Graciosa - Pinhais - PR
www.eurosul.com Fone: +55 41 3668-1319
crl@eurosul.com



Conformity Certificate

Hull Yellow Pilot Ladder Magnet

Regulations: SOLAS chapter V/23 and IMO Resolution A.1045(27) include:
Requiring pilot ladders to be certified by the manufacturer
Securing the lower platform of accommodation ladders
Recognising combination arrangements
Banning mechanical pilot hoists
Enhancing the standards for manropes
Identifying standard spacing for pilot ladder steps

The amendments 2000 to the International Convention for the Safety of Life at Sea (SOLAS), Chapter V, Regulation 23, Pilot transfer arrangements, Clause 3 Transfer arrangements; requires that arrangements shall be provided to enable the pilot to embark and disembark safely on either side of the ship and Clause 3.3 states that safe and convenient access to, and egress from, the ship shall be provided by, (3.3.2), an accommodation ladder in conjunction with the pilot ladder, or other equally safe and convenient means, whenever the distance from the surface of the water to the point of access to the ship is more than 9 metres.

The accommodation ladder shall be sited leading aft. When in use, the lower end of the accommodation **ladder shall rest firmly against the ship's side** with the parallel body length of the ship and, as far as is practicable, within the mid-ship half length and clear of all discharges.

Hull Yellow Magnet was developed to make life safer for sea harbour pilots by providing removable anchor points for the ladder on the ship's side. Powder-coating in safety yellow with high visibility, and magnetic elements resin encapsulation makes seaworthy, with lightweight of 3 kgs, it providing more than 800 kgs of clamping force even through many layers of paint and salt scale and grime on a ship's hull. A delrin roller makes the Hull Magnet simple to attach and release and it is used to anchor floating spill booms and maintenance vessels and are also known as Boom Magnets.

Pinhais City, 10/15th/2019

Best Regards/Cordiais Sds



Carlos Lisot - CEO

www.eurosul.com - Email: CRL@eurosul.com
Fone: 41 3668-1319 - Cel: +55 41 9 9191-3037