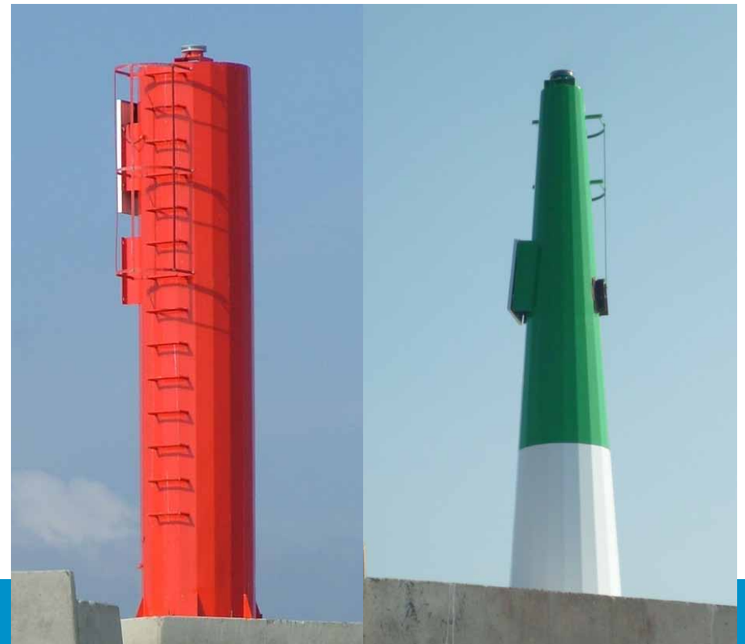
BEACONS
ALT 5

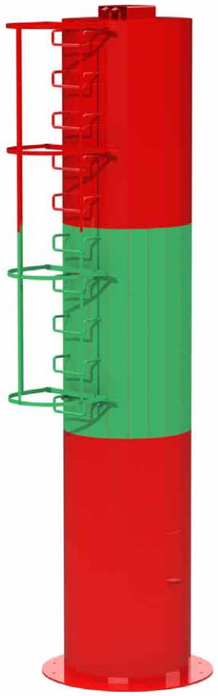
CHARACTERISTICS AND ADVANTAGES

Strength	Calculated to withstand 200 km/h winds
Resistance to corrosion	Hot dip galvanised in accordance with ISO1460
Paint	Customised scheme according to the requirements of the customer
Lantern	Designed to operate with lanterns from any manufacturer
Colours	In accordance with IALA E108 recommendations
Quality	According to ISO 9001, ISO 14001 standards

APPLICATIONS

- Coastal beacons
- Beacons inside commercial ports
- Main beacons at secondary ports
- Beacons exposed to bad weather





FEATURES

Height	Up to 8 m
Lantern bracket	3no. M14 mm holes on a 200mm PCD
Anchor bolts	Base plated designed for 10no. M16 anchor bolts
Service life	Galvanised steel beacons: 25 years Stainless steel beacons: 50 years

CONSTRUCTION & QUALITY

Structure	Constructed of 4mm sheet steel and folded to a polygon with 20 sides. Diameter of 1000 mm
Material	S275JR hot dip galvanised steel
Screws	A2 stainless steel
Paint	Visible metal components are painted to C5-M according to ISO 12944 for marine environments, using an epoxy primer scheme and aliphatic polyurethane top coat
Standards	Eurocodes 1 and 3
Colours	According to IALA E-108
Manufacturer certificate	ISO 9001:2015, ISO14001:2015, IALA industrial member
Recycling	The components are easily recycled with a direct re-use rate nearing 100%

OPTIONS

Material	Stainless steel or GRP*
Ladder	Jack ladder with guards above 3 m
Door	400 x 400 mm door located on the lower part to store battery and charger
Solar panel	Solar panel support bracket located at the top of the beacon
Radar reflector	Trihedral radar reflector manufactured in AISI304 stainless steel and painted
Top mark	Stainless steel top mark
HD version	Sized to receive wave impact

*GRP version has a lower structural strength.

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