

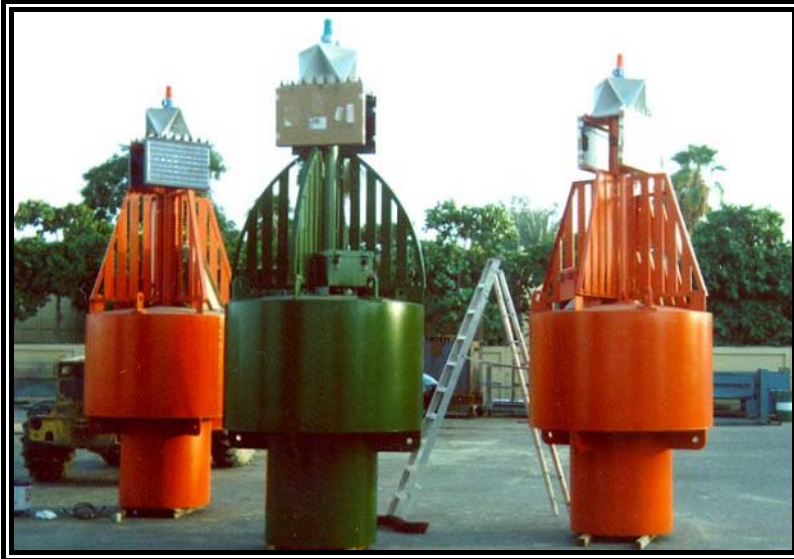
PELANGI

STEEL BUOYS

PB1800-3000 Series

Traditional steel buoys for various sites from partially sheltered to open sea duties.

Tailor made steel buoys designed by Pelangi to meet customers varying parameters of weight and height.



Conical and Cone shaped PB1830 steel skirt buoys



PB1800 day mark with vertically mounted solar panels, PA14 radar reflector and PL85 lantern

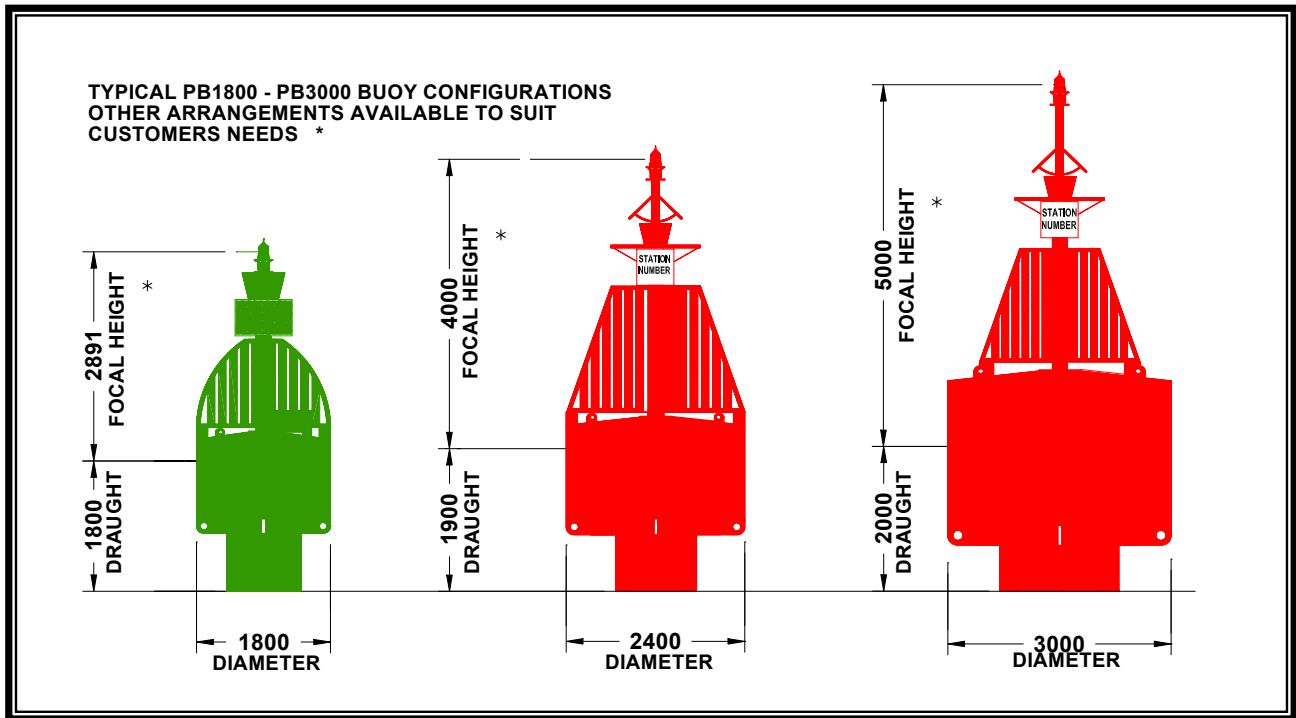
- Steel buoys offer port authorities the opportunity to repair buoys within their own dockyards in the event of damage by shipping.
- Steel buoys can be altered at tender stage to suit the port authorities tender vessel lifting capabilities. Standard dimensions need not be considered fixed.
- Interchangeable daymarks permits easy replacement in the event of damage by passing shipping.
- Standard well proven design offers customer confidence.
- Although not shown, cardinal buoys are available within the same configuration as well as the lateral buoys shown.
- Pelangi buoys can be configured within a standard design to include:
 - Variable height
 - Rubber or wooden fender
 - Internal or external battery box.
 - Manhole access
 - Solar panel protection frame
 - Angular variation of solar panel mounting to suit either bird fouling or latitude
- Final buoy combination showing actual lanterns, solar panels, station name boards, and radar reflectors are submitted with each tender.



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STEEL BUOYS

PB1800-3000 Series



Type	PB1800	PB2400	PB3000
Site	Partially sheltered	Moderate to open	Open
Diameter	1800 mm	2400 mm	3000 mm
Focal height	Variable	Variable	Variable
Draught	1800 mm	1900 mm	2000 mm
Standard plate	8 mm	8 - 10 mm	10 mm
Lifting eyes	4	4	4
Mooring eyes	4	4	4
Recommended chain	28 mm Open Link	32 mm Open Link	38 mm Open Link
Max mooring Load			
Power source	Solar, Primary or Rechargeable Battery	Solar, Primary or Rechargeable Battery	Solar, Primary or Rechargeable Battery
Sinker weight	1 Tonne (in water)	1.5 - 2.0 Tonnes (in water)	2 Tonnes (in water)