

# DIAMETER 1750 IALA BUOYAGE SYSTEM

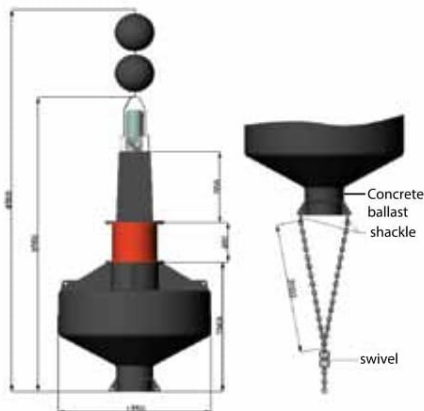


**martek**<sup>®</sup>



**M74000 (DIAMETER 1750mm)  
IALA BUOYAGE SYSTEM**

High visibility red, green, white, black, yellow or blue as per IALA recommendations. Designed for harsh sea conditions. Modular parts with individual colors. Supported connection holes for mooring. Top end fits to every marine lantern or day signal.



**TECHNICAL DATA**

Diameter: 1750 mm  
 Height without top mark: 3550mm  
 Note: The lantern focal height can be adjusted  
 Raw material: UV-stabilised virgin polyethylene  
 Filling: EPS or PU  
 Metal structure: Hot Dip Galvanized or Stainless Steel



**M03451  
RADAR REFLECTOR**

Radar reflector is a device which is attached to a buoy to make it more visible on radar.



**M850**  
3 to 6NM  
Range  
GPS



**M650H**  
3 to 4+NM  
Range  
GPS



**M550**  
1 to 3 NM  
Range

**SELF-CONTAINED  
LANTERNS**

The Self-contained Lanterns combine a compact, high-efficiency solar engine with premium components and a rugged design for best-in-class performance. Built-in calendar function for automatic de-activation during off-season months. Adjustable intensity and range. GPS synchronized flash option.



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Additional Equipments :Solar panel,racon,ais,meteorology/hydrology sensor,battery,charging unit etc.



**SOLAR PV SYSTEM**

If the Navaid system required for offshore application is solar powered it also requires a solar panel together with a battery and a battery box. Martek offers also different solar powered solutions to keep your lantern working.



**RACON**

Racon devices are used at sea to mark navigational hazards as RADAR targets for presentation on a ship navigational radar display  
Latest technologies  
Fully IALA compliant  
Easy installation and programming  
Maintenance free  
Very low power consumption



**AIS  
for AtoN**

Housed in a rugged triple protected housing suitable for the harsh marine environment, it can be deployed on exposed location on buoys and fixed structures. The unit comes with GPS antenna integrated in the housing but an external GPS antenna can be connected if required.

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### IALA BUOYAGE SYSTEM COLOR AND TOP MARKS

International Association of Lighthouse Authorities (IALA) was formed to unify the World's buoyage system. The system consists of 2 region ; A and B. Turkey is placed in Region A. The IALA system is made up from 6 types buoys (Lateral ,Cardinal,Isolated Danger,Safe Water,Special Warnings,Emergency Wreck)

#### LATERAL MARKS

System	Code	Color	Mark
A	74001		
A	74002		
A	74003		
A	74004		
B	74005		
B	74006		
B	74007		
B	74008		

#### ISOLATED DANGER MARK

Code	Color	Mark
74013		

#### SAFE WATER MARK

Code	Color	Mark
74014		

#### SPECIAL MARK

Code	Color	Mark
74015		

#### CARDINAL MARKS

Code	Color	Mark
74009		
74010		
74011		
74012		

#### EMERGENCY WRECK MARK

Code	Color	Mark
74016		



