

# DIAMETER 2200 IALA BUOYAGE SYSTEM



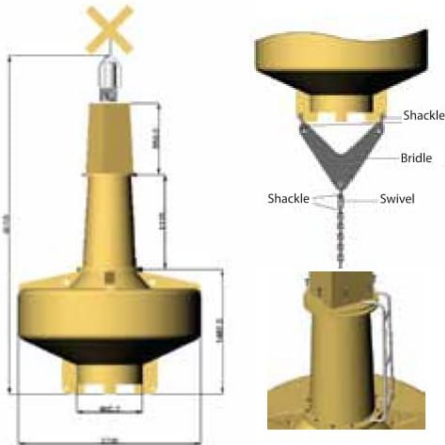
**martek<sup>®</sup>**



Beton balast

### M75000 (DIAMETER 2200mm) IALA BUOYAGE SYSTEM MARKS AND COLOR

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



#### TECHNICAL DATA

Diameter: 2200mm  
 Height without top mark: 4010mm  
 Note: The lantern focal height can be adjusted with modular parts parts.  
 Total weight: 650 kg  
 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

## M75000 (DIAMETER 2200mm)



### 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 regions: 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	75001		
A	75002		
A	75003		
A	75004		
B	75005		
B	75006		
B	75007		
B	75008		


#### ISOLATED DANGER MARK

Code	Color	Mark
75013		









#### SAFE WATER MARK

Code	Color	Mark
75014		



#### SPECIAL MARK

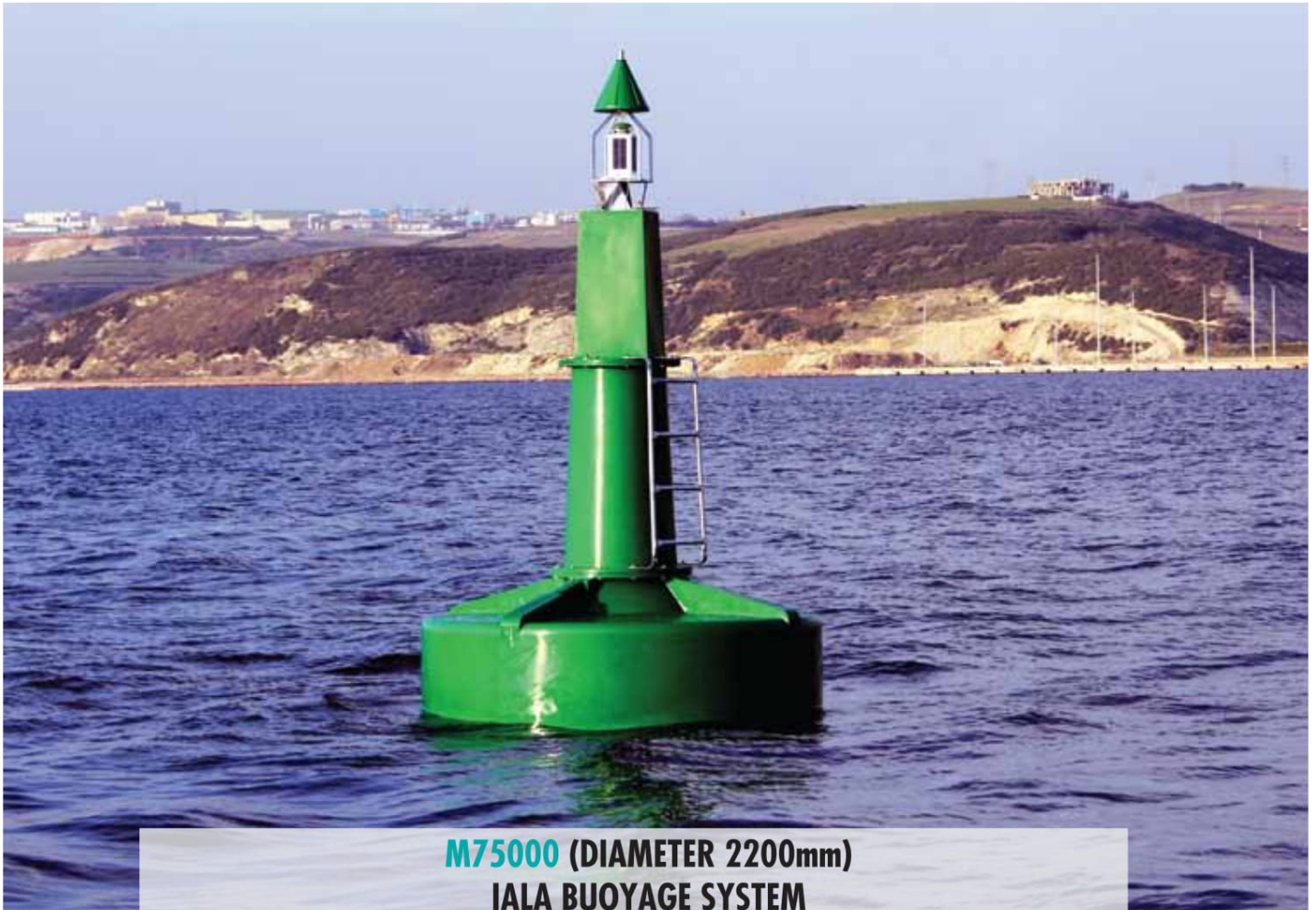
Code	Color	Mark
75015		

#### CARDINAL MARKS

Code	Color	Mark
75009		
75010		
75011		
75012		

#### EMERGENCY WRECK MARK

Code	Color	Mark
75016		



**M75000 (DIAMETER 2200mm)  
IALA BUOYAGE SYSTEM**

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.



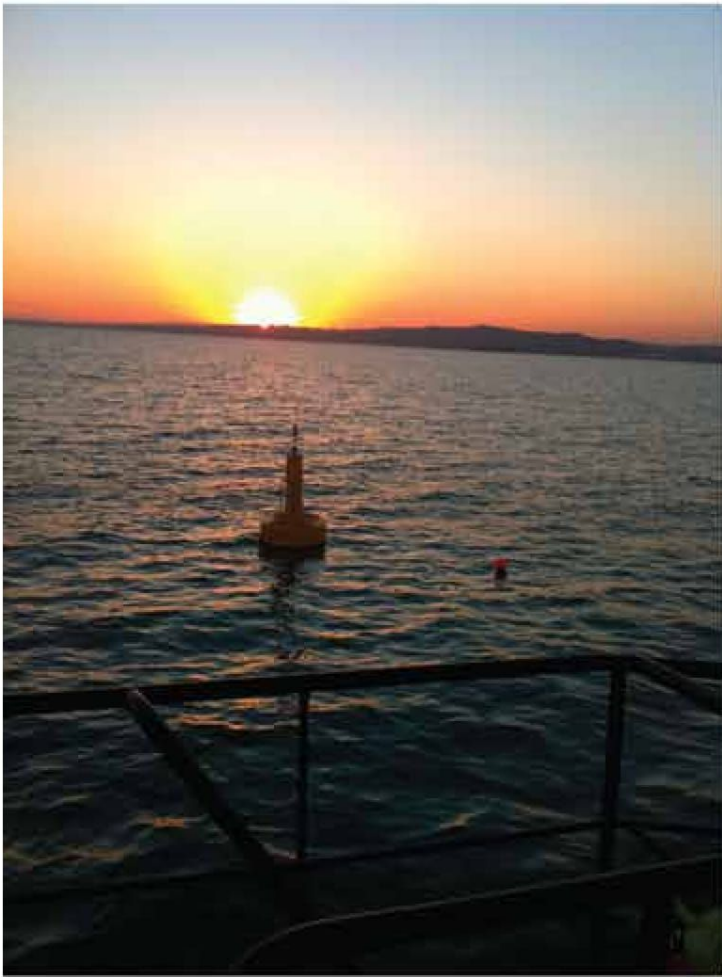
**RACON**

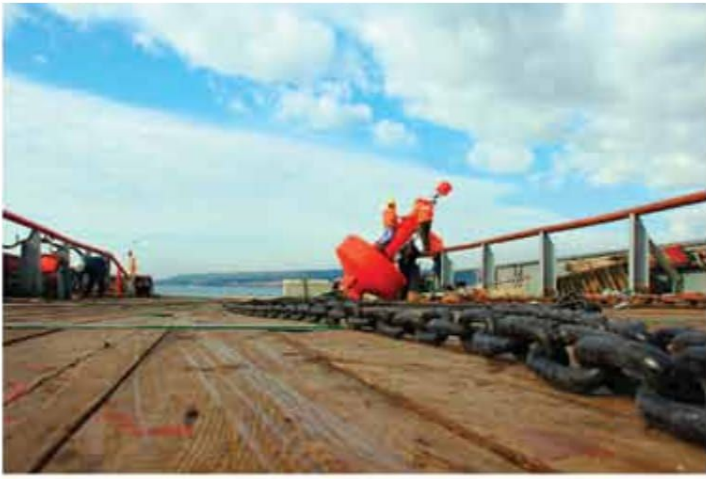
Racon devices are used at sea to mark navigational hazards as RADAR targets for presentation on a ship navigational radar display  
 Latest technologies  
 Fully IALA compliant  
 Easy installation and programming  
 Maintenance free  
 Very low power consumption



**AIS  
for AtoN**

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





Useful forklift access points for easy maneuver

