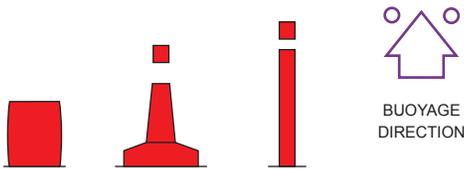


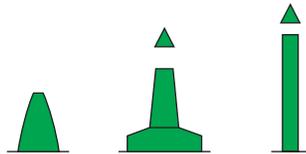
# Appendix 1 IALA Maritime Buoyage System

## Region A Lateral Marks

### Port Hand



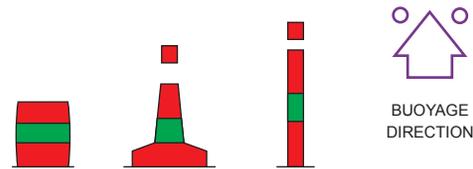
### Starboard Hand



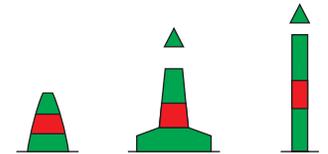
red	Color	green
cylindrical (can), pillar, spar	Buoy	conical (nun), pillar, spar
single red cylinder (can)	Topmark (if any)	single green cone, point upward

Lights (if any): may have any phase characteristic other than that used for preferred channels		
	Quick Flashing	
	Flashing	
	Long Flashing	
	Group Flashing	

### Preferred Channel to Starboard



### Preferred Channel to Port

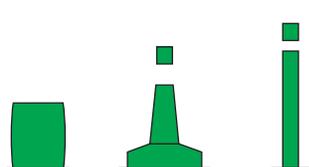


red with one green horizontal band	Color	green with one red horizontal band
cylindrical (can), pillar, spar	Buoy	conical (nun), pillar, spar
single red cylinder (can)	Topmark (if any)	single green cone, point upward

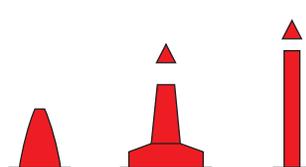
Lights (if any): are composite group flashing		
	FI (2+1)	

## Region B Lateral Marks

Port Hand



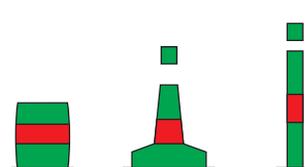
Starboard Hand



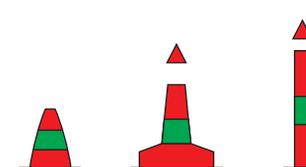
green	Color	red
cylindrical (can), pillar, spar	Buoy	conical (nun), pillar, spar
single green cylinder (can)	Topmark (if any)	single red cone, point upward

Lights (if any): may have any phase characteristic other than that used for preferred channels		
	Quick Flashing	
	Flashing	
	Long Flashing	
	Group Flashing	

Preferred Channel  
to Starboard



Preferred Channel  
to Port

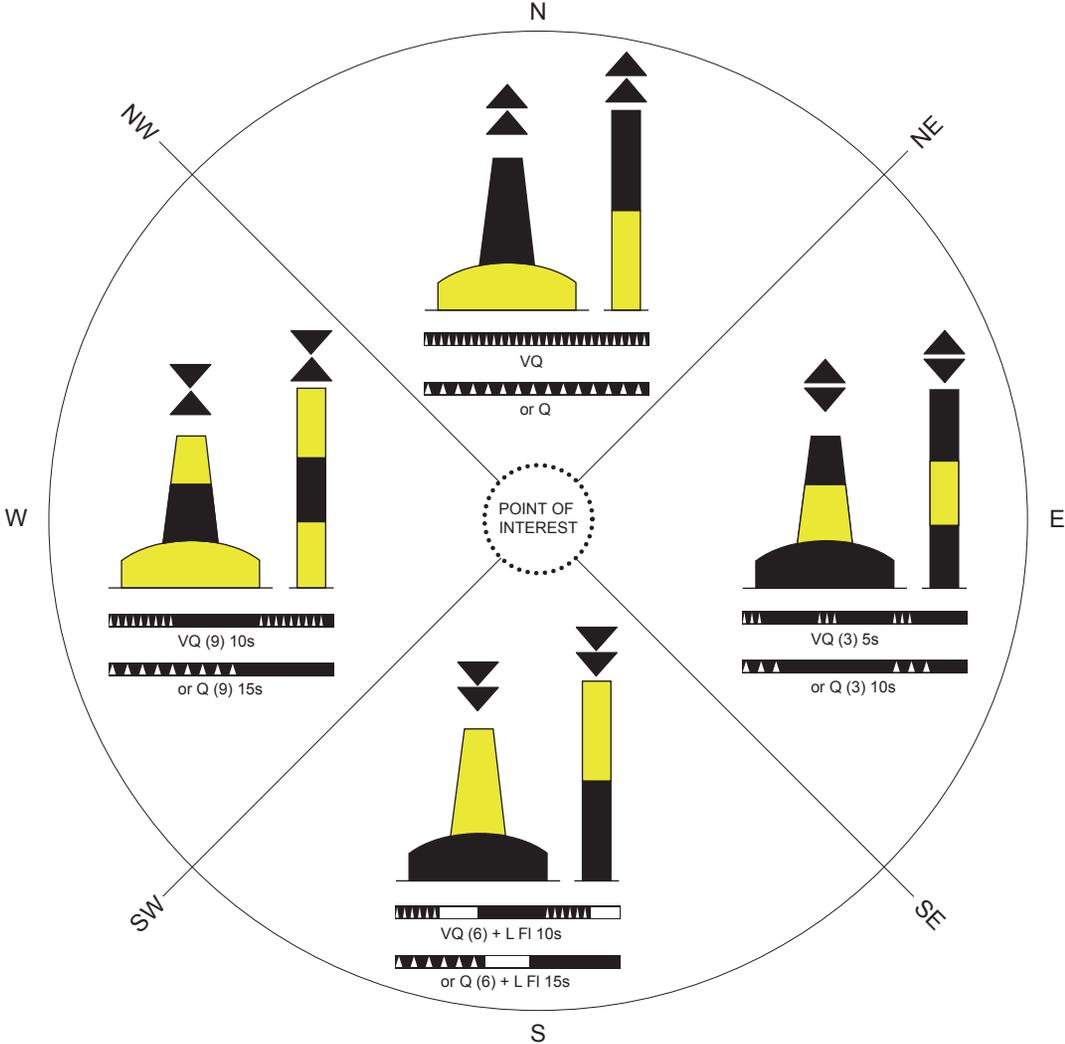


green with one red horizontal band	Color	red with one green horizontal band
cylindrical (can), pillar, spar	Buoy	conical (nun), pillar, spar
single green cylinder (can)	Topmark (if any)	single red cone, point upward

Lights (if any): are composite group flashing		
	Fl (2+1)	

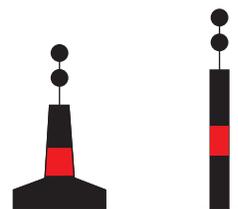
Cardinal Marks in Regions A and B

Lights, when fitted, are white.



## Regions A and B

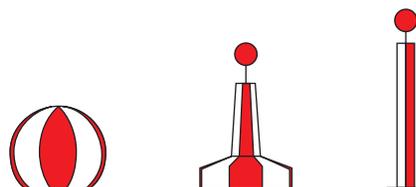
### Isolated Danger Marks



Color	black with one or more red horizontal band(s)
Buoy	optional, but not conflicting with lateral marks; pillar or spar preferred
Topmark (if any)	always fitted with double spheres

Lights (if any)	
Color	white
Rhythm	group flashing

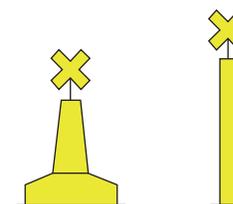
### Safe Water Marks



Color	red and white vertical stripes
Buoy	spherical, pillar or spar
Topmark (if any)	single red sphere

Lights (if any)	
Color	white
Rhythm	Iso Oc L Fl 10s Morse "A"

### Special Marks



Color	yellow
Buoy	optional, but not conflicting with lateral marks
Topmark (if any)	single yellow "X" shape

Lights (if any)	
Color	yellow
Rhythm	Fl Y Fl (4) Y May have any rhythm other than those used for white lights on cardinal, isolated danger or safe water marks.