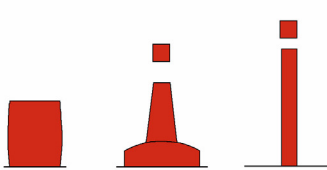
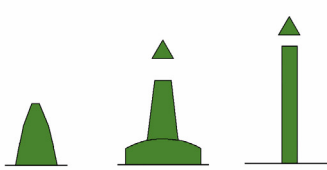









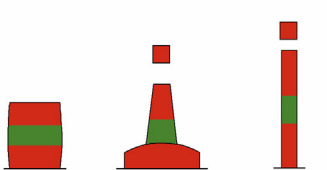
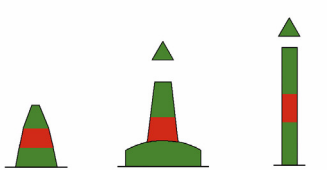





Appendix 1

IALA Maritime Buoyage System

Lateral Marks - Region A

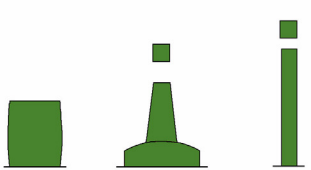
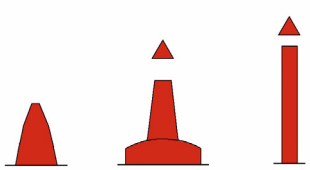









Port Hand		Starboard Hand	
			
			
Color: Red.		Color: Green.	
Buoy: Cylindrical (can), pillar, spar.		Buoy: Conical (nun), pillar, spar.	
Topmark (if any): Single red cylinder (can).		Topmark (if any): Single green cone, point upward.	
Lights (if any): may have any phase characteristic other than that used for preferred channels.			
	Q FI		
	FI		
	L FI		
	G FI		

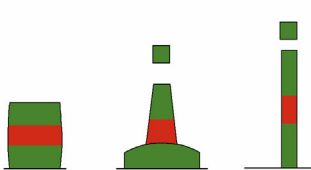
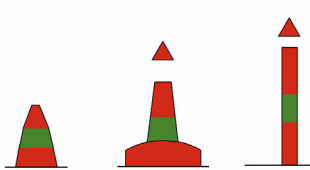



Preferred Channel to Starboard		Preferred Channel to Port	
			
			
Color: Red with one green horizontal band.		Color: Green with one red horizontal band.	
Buoy: Cylindrical (can), pillar, spar.		Buoy: Conical (nun), pillar, spar.	
Topmark (if any): Single red cylinder (can).		Topmark (if any): Single green cone, point upward.	
Lights (if any): are composite group flashing.			
	FI (2+1)		

Appendix 1

IALA Maritime Buoyage System

Lateral Marks - Region B

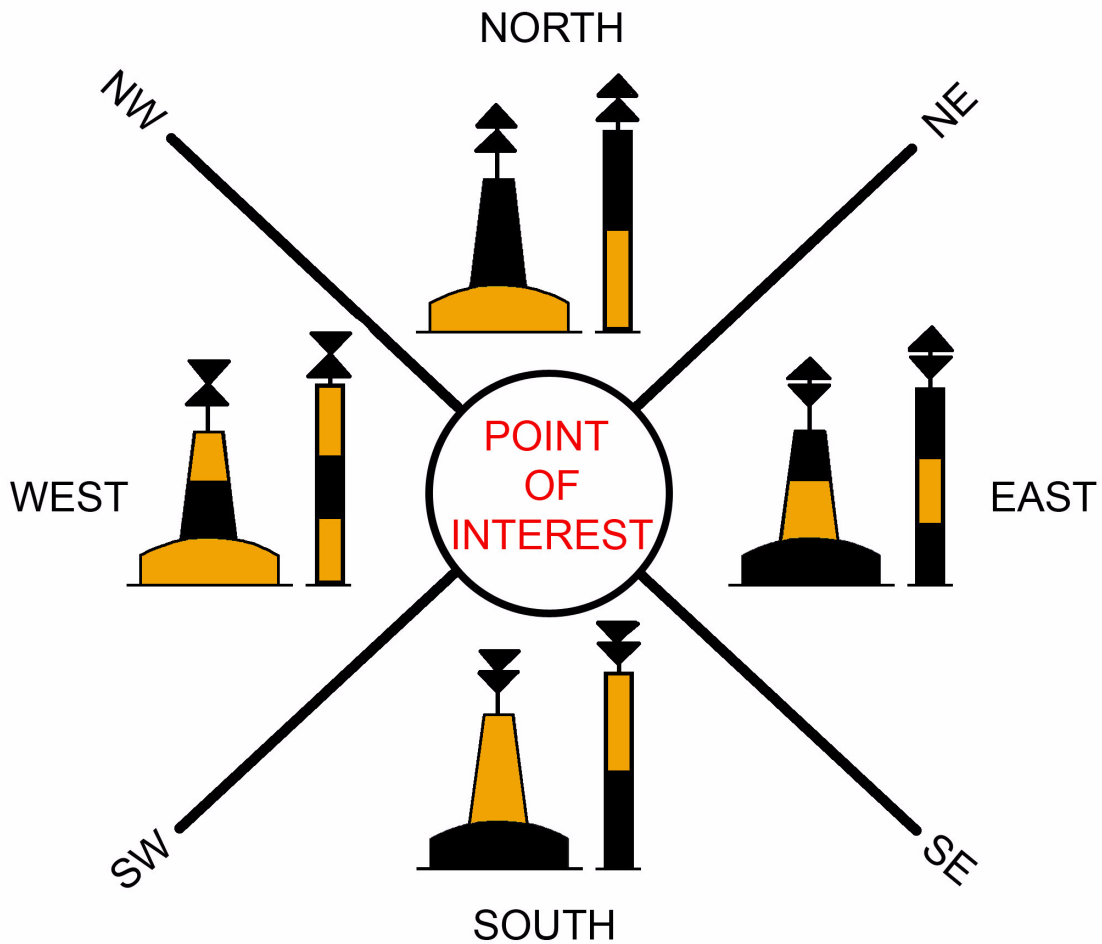
Port Hand		Starboard Hand	
			
			
Color: Green.		Color: Red.	
Buoy: Cylindrical (can), pillar, spar.		Buoy: Conical (nun), pillar, spar.	
Topmark (if any): Single green cylinder (can).		Topmark (if any): Single red cone, point upward.	
Lights (if any): may have any phase characteristic other than that used for preferred channels.			
	Q FI		
	FI		
	L FI		
	G FI		

Preferred Channel to Starboard		Preferred Channel to Port	
			
			
Color: Green with one red horizontal band.		Color: Red with one green horizontal band.	
Buoy: Cylindrical (can), pillar, spar.		Buoy: Conical (nun), pillar, spar.	
Topmark (if any): Single green cylinder (can).		Topmark (if any): Single red cone, point upward.	
Lights (if any): are composite group flashing.			
	FI (2+1)		

Appendix 1

IALA Maritime Buoyage System

Cardinal Marks - Regions A & B



Buoy: Pillar or spar.

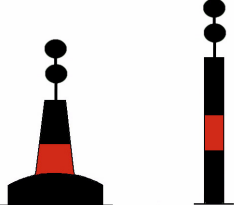

Topmark (when practicable): always fitted.

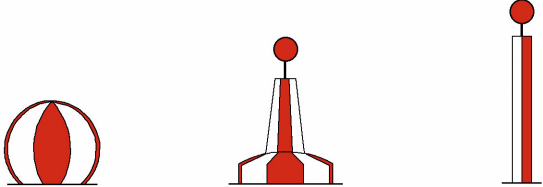




Lights (if any): may have any phase characteristic other than that used for preferred channels.

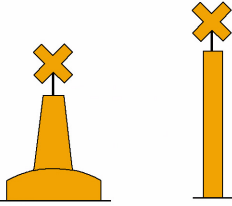

	Q	North	VQ	
	Q (3) 10s	East	VQ (3) 5s	
	Q (6) + L Fl 15s	South	VQ (6) + L Fl 10s	
	Q (9) 15s	West	VQ (9) 10s	

Appendix 1

IALA Maritime Buoyage System

Isolated Danger Marks		
		
Color: Black with one or more red horizontal band(s).		
Buoy: Optional, but not conflicting with lateral marks; pillar, spar preferred.		
Topmark (if practical): always fitted with double spheres.		
Lights (if any) white, group flashing	Fl (2)	

Safe Water Marks		
		
Color: Red and white vertical stripes.		
Buoy: Spherical; pillar or spar with spherical topmark.		
Topmark (if any): Single red sphere.		
Lights (if any) white	Iso	
	Occ	
	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) yellow, but not conflicting with white lights	Fl Y	
	Fl (4) Y	