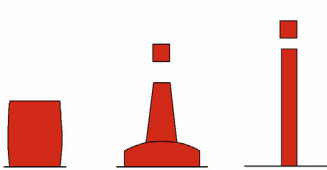

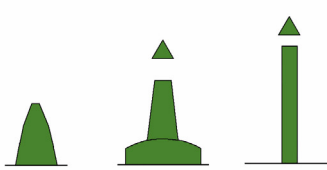
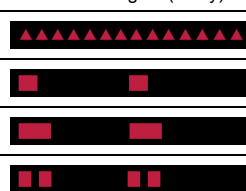
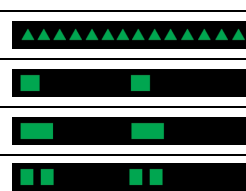
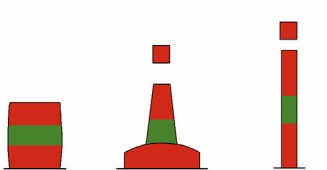

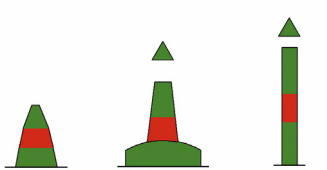




Appendix 1

IALA Maritime Buoyage System

Lateral Marks - Region A

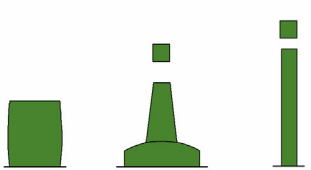
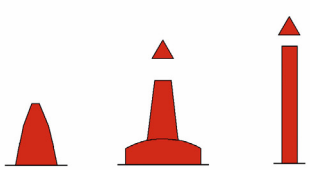









| Port Hand | | Starboard Hand | | |
|---|--|---|--|--|
|  | |  |  | |
| Color: Red. | | | Color: Green. | |
| Buoy: Cylindrical (can), pillar, spar. | | | Buoy: Conical (nun), pillar, spar. | |
| Topmark (if any): Single red cylinder (can). | | | Topmark (if any): Single green cone, point upward. |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

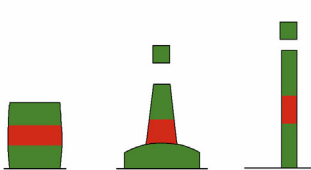
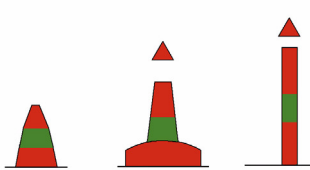



| Preferred Channel to Starboard | | Preferred Channel to Port | | |
|---|--|---|---|--|
|  | |  |  | |
| Color: Red with one green horizontal band. | | | Color: Green with one red horizontal band. | |
| Buoy: Cylindrical (can), pillar, spar. | | | Buoy: Conical (nun), pillar, spar. | |
| Topmark (if 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

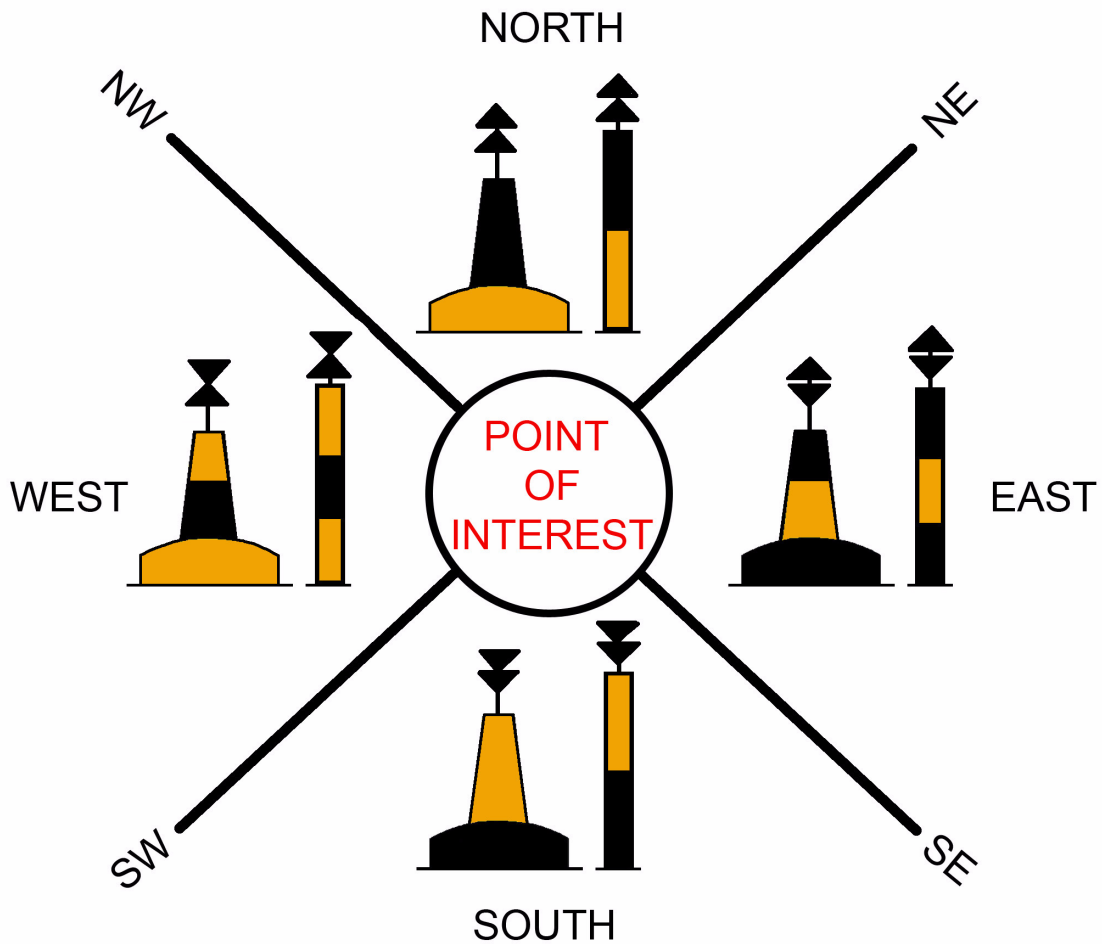
| Port Hand | | Starboard Hand | |
|---|------|---|--|
|  | |  | |
|  | | | |
| Color: Green. | | Color: Red. | |
| Buoy: Cylindrical (can), pillar, spar. | | Buoy: Conical (nun), pillar, spar. | |
| Topmark (if any): Single green cylinder (can). | | Topmark (if any): Single red cone, point upward. | |
| 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.

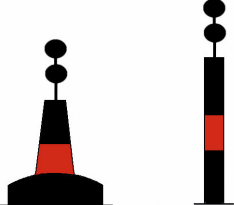

Topmark (when practicable): always fitted.

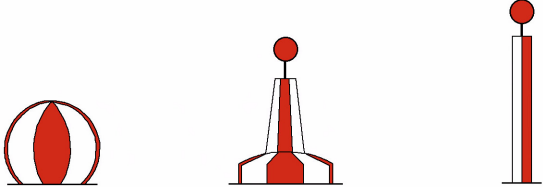




Lights (if any): may have any phase characteristic other than that used for preferred channels.

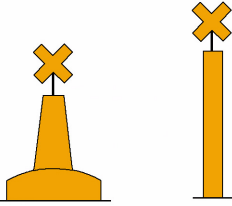


| | | | | |
|--|------------------|-------|-------------------|--|
| | Q | North | VQ | |
| | Q (3) 10s | East | VQ (3) 5s | |
| | Q (6) + L Fl 15s | South | VQ (6) + L Fl 10s | |
| | Q (9) 15s | West | VQ (9) 10s | |

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 |  |