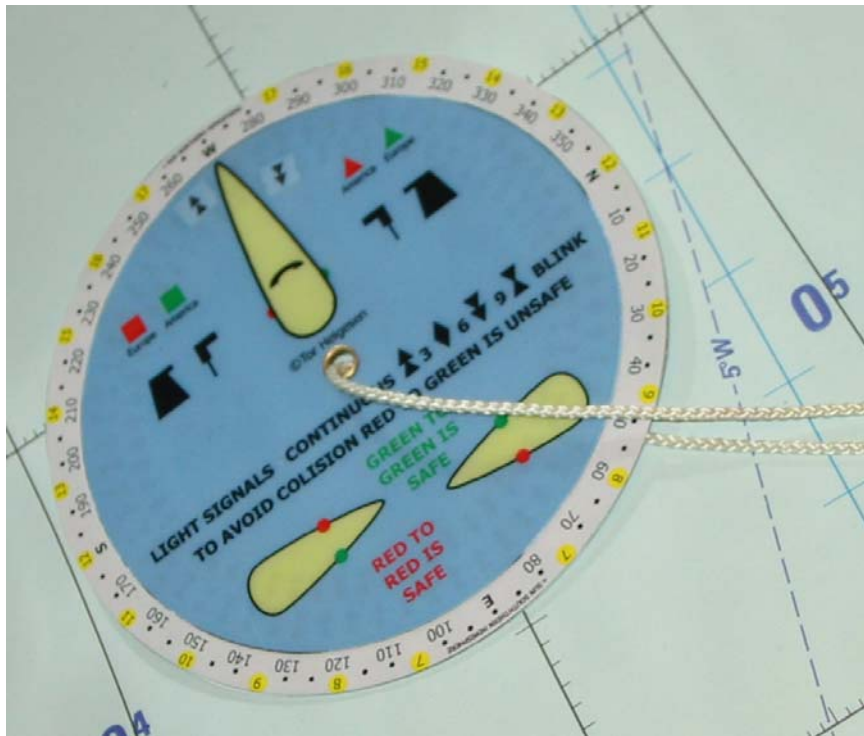


CARDINAL POWER COMPUTER



Features:

Indicate Cardinal Buoys according to track

Indicate Cardinal light signals

Indicate Lateral Buoys & regional differences

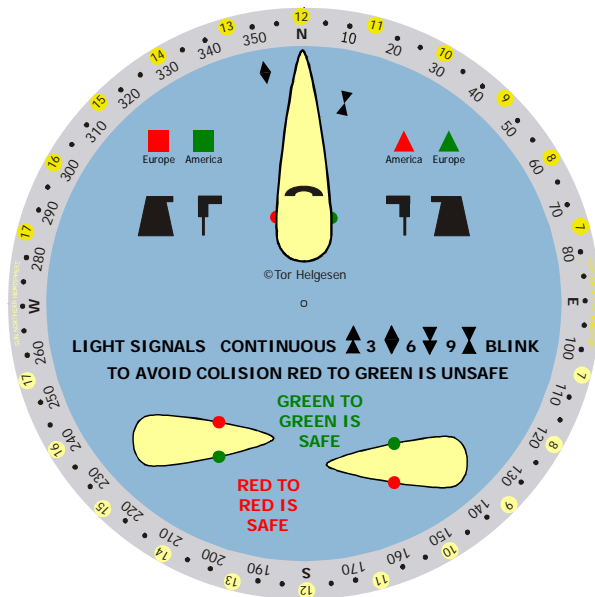
Indicate the rules of the lanterns

Navigational planning applications

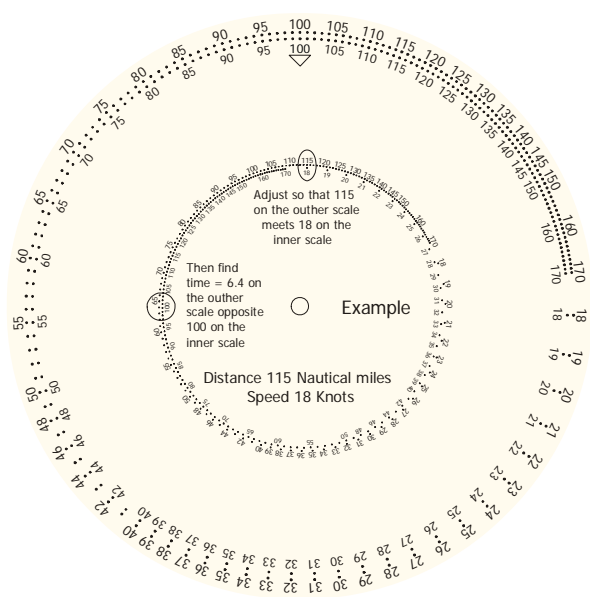
Shows position of the sun in relation to local time

Contain slide ruler for distance, speed & time calculations

PRIMARY SIDE



SECONDARY SIDE



COMPASS ROSE WITH SUN INDICATIONS (PRIMARY SIDE)

The centre disk has a compass rose where you also can see the direction to the sun at different times (24h system), both for northern and the southern hemisphere.

NAVIGATIONAL BUOYS (PRIMARY SIDE)

Lateral buoys - indicate the side on which they may be safely passed.

Cardinal buoys - indicate the location of the safest or deepest water by reference to the cardinal points of the compass. There are four cardinal buoys: North, East, South and West.

LATERAL BUOYS (PRIMARY SIDE)

System A is used by nations in Europe, Australia, New Zealand, parts of Africa and most of Asia other than the Philippines, Japan and Korea.

System B is used by nations in North America, Central America and South America, the Philippines, Japan and Korea.

In **System A**:

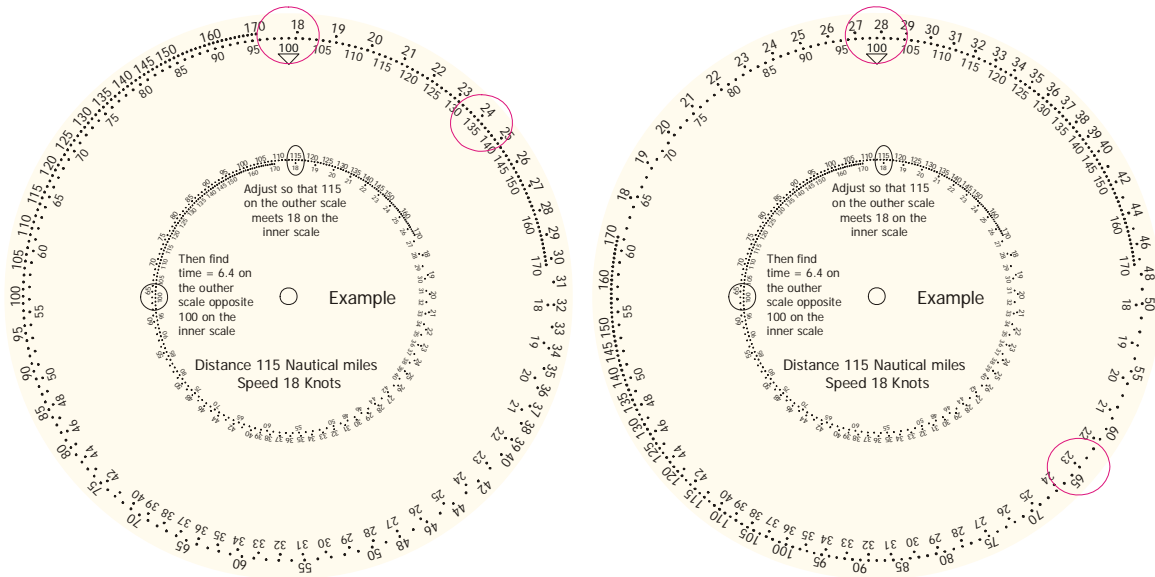
- port marks are **red** and may have a **red** flashing light.
- starboard marks are **green** and may have a **green** flashing light.

In **System B**:

- port marks are **green**, and may have a **green** flashing light.
- starboard marks are **red** and may have a **red** flashing light.

In **both systems**:

- port marks are square or have a flat top
- starboard marks are conical (or present a triangular shape) or have a pointed top.



This shows how to calculate time. First example distance 240 nm and 13,5 knots give time 18. Next example distance 64 nm and 23 knots give time 2,8.

To find the track put the computer on top of the map at the place you are sailing from, with North of the computer aligned with North of the map. In this example track to sail is 140. The rope (A to B) represents the distance.

