



MAGNETIC COMPASSES
CLOCKS AND METEOROLOGY

PELORUS INSTRUCTIONS

INSTALLATION BEFORE USAGE

This pelorus has two positions (operational and storage) The two upper gimbals are used for the operational position and the two lower ones are used to close the cover.

In order to set the pelorus at either position, first set the pelorus pivots inside the yellow marked closed hollow of the right-side gimbals, and then set them in the yellow marked open hollow of the left-side gimbals.

HOW TO USE THE PELORUS

1.- Stay near the helmsman, set the lubber line and the pelorus pivot on a plain parallel to the center line of the vessel.

2.- Loosen both rings and set the graduated pelorus rose on the same course of the vessel indicated by the helmsman.

3.- Adjust the small rings in order to fix the rose. 4.- Look for a reference point that is plotted on your nautical chart. Line up the forward and aft transit sights see below, with the object to be plotted (e.g. lighthouse, building, etc.)

5.- When the helmsman indicates the vessel is on course or calls out "Mark", note the relevant reading of the marked object.

6.- In order to obtain a bearing, identify a second object following the instructions given previously. 7.- If you wish to carry out a third plotting, you can store the last plotting and fix the reading in the rose by adjusting the big ring.

8.- To obtain the true bearing, the following rule applies:
 $TRUE\ BEARING = COURSE + RELATIVE\ BEARING$

Applying this rule we obtain the three true bearings in order to obtain our true position.

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