



COASTAL SKIPPER

Course Curriculum Outline

THEORETICAL COMPONENT:

A1) Legislation

A2) Shape and dimensions of earth. Terrestrial sphere. Greenwich meridian. Ecuador

Latitude and Longitude. Mille notion. Cardinal points. Direction on sea. Notion of node (knot), distance and speed.. Route, Towards, bow, abatement and current.

A3) Navigational charts. Scales. Position lines. threading, alignment, azimuth, distance and bathymetric lines. Odometers.

A4) Declination and deviation. Hand compass.

A5) Lighthouses and buoys

A6) Estimated and coastal navigation

A7) Navigation on restricted waters

A8) General information of electronic navigation aid. Radar for navigation. GPS. Probes (depth)

A9) Sextant. Reading angles

A10) Tides. Hour and heights of water

A11) Communications (VHF)

A12) Nautical meteorology. Navtex

A13) Safety. Means and life-saving equipment. Survival at sea. Epirb

A14) International Regulations for Preventing Collisions at Sea.

A15) International Code Signals.

A16) Notions of First aid

PRATICAL COMPONENT:

B1) Pratical aplication of navigation, security and communications matters.

B2) Pratical aplication of International Regulation for Preventing Collisions at Sea