



OCEAN SKIPPER

Course Curriculum Outline

THEORETICAL COMPONENT:

A1) General summary of Coastal Skipper program, giving greater emphasis to matters of safety, navigation and communications.

A2) Introduction to astronomical navigation. Timezones and stopwatches. Stars, planets and solar system. Celestial sphere and celestial coordinates.

A3) Nautical almanaque. Description and use

A4) Sextant. Height of stars. Watching ante meridian, meridian and post meridian (Sun)

A5) Latitude by Polar star. Straight high

A6) Planning observations to twilight

A7) Ortodromic and loxodromic

A8) GPS. Radar. Kinematics notions. Components of the movement and graphical representation. Absolute and relative motion. Triangle speed. Maneuver rose. Electronic charts.

A9) Safety. First aid. Means and life-saving equipment. Survival at sea. Epirb

A10) Meteorological products. Publications

A11) Travel planning

PRATICAL COMPONENT:

B1) Practical application on the ocean of the matters contained in theoretical part. Should include navigation for at least eight hours straight, continuously

B2) Entering and departing from an harbour. Navigation in situations of fog. Anti collisions maneuvers.

B3) Correct use of all the usual equipments on board