

Pelagic Australis Delivery – Proposed Training

Proposed training would consist of 5 one-day seminars as follows:

1. Topic: **Yacht Husbandry**

Duration: 1000-1600

Overview:

A general look at safety issues / preparation requirements for a vessel that is making long distance cruises.

Content:

- General preparation / Checks
- Chafe management
- Victualing
- First Aid requirements for Ocean Trips
- Engine checks / Fuel considerations
- Watch Systems
- Steering Systems
- Waste Management

2. Topic: **Meteorology**

Duration: 1000-1600

Overview:

Discussion of general world-wide weather patterns including sources of weather information and weather routing.

Content:

- Global weather patterns
- Effects of land on weather
- Routing Charts
- Typical South Atlantic / Falkland weather patterns
- Tropical Revolving Storms
- Grib Data & modelling
- Weatherfax & Navtex for forecasting

3. Topic: Celestial Navigation

Duration: 0900-1700

Overview;

To learn the basic skills required to Navigate a vessel using a Sextant.

Content:

- Introduction, how it works
- The Sextant
- Time
- The Nautical Almanac
- Use of Sight Reduction Tables
- The Meridian Passage
- Plotting

4. Topic: Electronic Navigation & Communications

Duration: 1000-1600

Overview:

Discussion of modern electronic Navigational Aids, looking at uses and limitations. Looking at all communication methods for vessels within the GMDSS scheme as well as other general communication systems that can be used at sea.

Content:

Navigational Aids

- GNSS (GPS, Glonass, Galileo, Compass)
- Chart Plotters – Electronic Chart Types
- AIS
- Radar
- Depth Sounders

Communications

- GMDSS (Global Maritime Distress & Safety System)
- VHF
- Single Side Band (SSB) (MF / HF)
- Digital Selective Calling (DSC)
- Inmarsat – Fleet 77 / Sat C
- Sat Phones (Iridium)
- EPIRBS & PLB's
- SARTS & AIS SARTS
- Other communication equipment

5. Topic: **General Interest**

Duration: 1300-1500

Overview:

General interest in all aspects of sailing between the Falklands and Cape Town.

Content:

- Falklands – History, Wildlife & the 1982 War
- Tristan da Cunha – General History
- Cape Town – General Information
- South Georgia & Antarctica