

	Visa
<p><b>1. Position</b></p> <ul style="list-style-type: none"> <li>● Dead reckoning and estimated position</li> <li>● Satellite-derived position</li> <li>● Use of waypoints to fix position</li> <li>● Radar fixes</li> <li>● Techniques of visual fixing</li> <li>● Fixes using a mixture of position lines</li> <li>● Relative accuracy of different methods of position fixing</li> <li>● Areas of uncertainty</li> </ul>	
<p><b>2. The Magnetic Compass</b></p> <ul style="list-style-type: none"> <li>● Allowance for variation</li> <li>● Change of variation with time and position</li> <li>● Causes of deviation</li> <li>● Compass checks for deviation, but not correction</li> <li>● Allowance for deviation</li> <li>● Different types of compass</li> </ul>	
<p><b>3. Tides</b></p> <ul style="list-style-type: none"> <li>● Causes of tides — springs and neaps</li> <li>● Tide tables — sources</li> <li>● Tidal levels and datum</li> <li>● Standard and secondary ports</li> <li>● Tidal anomalies (Solent, etc.)</li> </ul>	
<p><b>4. Tidal Streams</b></p> <ul style="list-style-type: none"> <li>● Sources of tidal information</li> <li>● Tidal stream information in sailing directions and yachtsmen's almanacs</li> <li>● Allowance for tidal streams in computing a course to steer</li> <li>● Tide rips, overfalls and races</li> <li>● Tidal observation buoys, beacons etc.</li> </ul>	
<p><b>5. Buoyage</b></p> <ul style="list-style-type: none"> <li>● IALA system buoyage in Regions A and B</li> <li>● Limitations of buoys as navigational aids</li> </ul>	
<p><b>6. Lights</b></p> <ul style="list-style-type: none"> <li>● Characteristics</li> <li>● Ranges — visual, luminous and nominal</li> <li>● Rising and dipping distances</li> <li>● Light lists</li> </ul>	
<p><b>7. Pilotage</b></p> <ul style="list-style-type: none"> <li>● Harbour regulations and control signals</li> <li>● Methods of pre-planning</li> <li>● Clearing lines</li> <li>● Use of soundings</li> <li>● Transits and leading lines</li> </ul>	
<p><b>8. GNSS and Chart Plotters</b></p> <ul style="list-style-type: none"> <li>● Principles of operation and limitations of use</li> <li>● Raster and vector charts</li> <li>● Datum</li> <li>● The importance of secondary means of position fixing via an independent source and keeping a separate record of position</li> <li>● The importance of paper charts</li> </ul>	

	Visa
<b>9. Echo Sounders</b> <ul style="list-style-type: none"> <li>Principles of operation and limitations of use</li> </ul>	
<b>10. Logs (Speed and Distance Measuring)</b> <ul style="list-style-type: none"> <li>Principles of operation and limitations of use</li> </ul>	
<b>11. Deck Log</b> <ul style="list-style-type: none"> <li>The importance of the log as a yacht's official document</li> <li>Layout of log, hourly and occasional entries</li> </ul>	
<b>12. Meteorology</b> <ul style="list-style-type: none"> <li>Basic terms, the Beaufort Scale</li> <li>Air masses</li> <li>Cloud types</li> <li>Weather patterns associated with pressure and frontal systems</li> <li>Sources of weather forecasts</li> <li>Ability to interpret a shipping forecast, weatherfax and weather satellite information</li> <li>Land and sea breezes</li> <li>Sea fog</li> <li>Use of a barometer as a forecasting aid</li> </ul>	
<b>13. Rules of the Road</b> <ul style="list-style-type: none"> <li>A sound knowledge of the International Regulations for Preventing Collisions at Sea, except Annexes 1 and 3</li> </ul>	
<b>14. Safety at Sea</b> <ul style="list-style-type: none"> <li>Personal safety, use of life jackets, safety harnesses and lifelines</li> <li>Fire prevention and firefighting</li> <li>Distress signals</li> <li>Coastguard and Boat Safety Scheme</li> <li>Preparation for heavy weather</li> <li>Life rafts and helicopter rescue</li> <li>Understanding of capabilities of vessel and basic knowledge of stability</li> </ul>	
<b>15. Navigation in Restricted Visibility</b> <ul style="list-style-type: none"> <li>Precautions to be taken in fog</li> <li>Limitations to safe navigation imposed by fog</li> <li>Navigation strategy in poor visibility</li> </ul>	
<b>16. Passage Planning</b> <ul style="list-style-type: none"> <li>Preparation of charts and notebook for route planning and for use on passage at sea</li> <li>Customs regulations as they apply to yachts</li> <li>Routine for navigating in coastal waters</li> <li>Strategy for course laying</li> <li>Use of and visual confirmation of waypoints and routes</li> <li>Use of weather forecast information for passage planning strategy</li> <li>Sources of local and national regulations</li> </ul>	
<b>17. Marine Environment</b> <ul style="list-style-type: none"> <li>The responsibility to minimise pollution and protect the marine environment</li> </ul>	