



1. Understand the reason for determining voyage needs: bunkers, lubricants, water, expendables, etc.
2. Understand the necessity for routine maintenance.
3. Understand the reasons for maintaining records of machinery and performance and be able to interpret the information with regard to common defects.
4. Understand the reasons behind preparing the vessel for sea and testing plant and equipment.
5. Understand the consequences of sailing with certain items of machinery inoperative and the risks involved in doing so.
6. Understand the Chief Engineer's responsibilities and duties concerning bunkering operations.
7. Understand the principles of ensuring safe entry into tanks and other enclosed spaces and the safe systems of work which must be applied when occupying these spaces.
8. Understand the precautions to be taken to reduce the possibility of machinery space fires.

Note: The oral examination for the senior marine engine operator, will concentrate more on the duties and responsibilities of a Chief Engineer rather than on basic engineering knowledge. In addition to the general requirements listed, the emphasis will be mainly concerned with the operational and emergency procedures directly related to the safety of the ship and the protection of the environment.

