

# CORE COMPETENCIES

## FUNDAMENTAL VESSEL SYSTEMS – USE & CARE

Mechanical – Engine, Pumps, Refrigeration  
Electronic – Navigation, Communication  
Potable Water  
Sewage - Pollution  
Fuel/Propane  
Electrical/Power - Storage/Generation  
Ground Tackle  
Sails/Rigging

## ON-WATER CONDITIONS

Buoyage System  
Courtesy & Rules of the Road  
Keeping a Lookout  
Waves – Wakes – Speed  
Weather

## SAFETY REQUIREMENTS

### HOW TO AVOID/HANDLE EMERGENCIES

Safety Requirements - Crew Briefing  
Fire  
Flooding  
Physical Injuries

## ANCHORING, MOORING, ENJOYING THE SHORE

Selecting a Safe Anchorage (Lunch/Overnight)  
How to Set an Anchor – Pick up a Mooring Ball  
Beach Landings – Outboard/Tender Use  
Courtesy when Going Ashore  
Wildlife & Culturally Protected Areas

## COMMUNICATION

VHF Radio Use  
Buoyage System  
Commercial Traffic

## COMMON EMERGENCIES

### AVOIDING COMMON REASONS FOR CALL OUTS

Maintenance  
Person Overboard

## NAVIGATION & PASSAGE PLANNING

Charts – Electronic Navigation  
Tides/Current (Coastal Areas)  
Distance Calculations/Reach Safe Harbour

## UNDERSTAND THE HUMAN DYNAMIC

Responsibilities Of Skipper & Crew  
Teamwork  
Effect of People on the Dock