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Course Features	
MCA 21 hour – Proficiency in Medical First Aid	
(3 day course)	
<p>Who should attend</p> <p>Individuals attending this course are involved in one or more of the areas listed below:</p> <ul style="list-style-type: none"> • Private maritime operators/owners, • yacht clubs, • and smaller private vessels 	<p>DAY ONE/DAY TWO/DAY THREE</p> <p>Module Name – Radio Medical Advice</p> <ul style="list-style-type: none"> • Describe what resources are available from a telemedicine service • Discuss how to access a telemedicine service from land, sea and air • Discuss how a telemedicine patch takes place <p>Module Name: Overview of Anatomy and Physiology</p> <ul style="list-style-type: none"> • Review of the major body systems and their functions <p>Module Name – Travel health</p> <ul style="list-style-type: none"> • Discuss common bloodborne pathogens • Discuss how bloodborne pathogens are transmitted • Discuss how to effectively contain and clean up a spill • Demonstrate proper removal of contaminated gloves <p>Module Name – Oxygen Equipment Review</p> <ul style="list-style-type: none"> • Discuss vessels oxygen equipment. • Explain content and use of oxygen kit. <p>Module Name – Adult CPR/AED</p> <ul style="list-style-type: none"> • Discuss the principles of victim assessment • Explain the purpose of CPR and the indications for use • Demonstrate proper chest compressions and breathing during CPR • Describe ventricular fibrillation and its effects on the body • Discuss the rationale behind prompt defibrillation <p>Module Name – Adult FBAO</p> <ul style="list-style-type: none"> • Discuss how to recognize a victim who is choking • Demonstrate proper relief techniques for a victim of Foreign Body Airway
<p>Prerequisites</p> <p>There are prerequisites for this course. Note:</p> <ol style="list-style-type: none"> 1. All crew must have the Elementary First Aid (EFA) prior to working on a vessel 2. Crew can only undertake the Medical First Aid following work at sea for 6months and in possession of an EFA certificate. 3. Crew can only undertake a Medical Card Onboard course (5day) after 18months at sea. 	
<p>What course provides</p> <p>This 3-day, "MCA" approved course provides detailed information on how to handle a medical emergency in the challenging, remote maritime environment. Course curriculum includes an introduction to MedAire and the MedLink Service (includes test patch to MedLink), an overview of anatomy and physiology, onboard oxygen systems, travel medicine, protection from bloodborne pathogens and infectious disease through use of universal precautions, lecture and practicum in Basic Life Support (CPR) and use of the Automated External Defibrillator (AED), patient assessment, medical and traumatic emergencies, medical kit review, invasive procedures, marine poisonings and envenomations, wound management, and ongoing patient care.</p> <p>This course has been approved by the Maritime Coastguard Agency.</p>	
<p>Learner objectives</p> <p>Upon completing this hands-on course, the learner will have:</p> <ul style="list-style-type: none"> • Learning Basic Life Support (BLS) techniques - CPR 	

<ul style="list-style-type: none"> • Use of the AED • Assessing medical emergencies and traumatic injuries 	<p>Obstruction</p>
<p>What Learners Receive:</p> <ul style="list-style-type: none"> • American Heart Association Heartsaver AED textbook (AHA only classes), • The Ship Captain's Medical Guide (1 per vessel) • Hazardous Marine Life (1 per vessel), • and upon successful completion of the course an American Heart Association Heartsaver AED or ERC course completion card and certificate of completion from MedAire, Inc 	<p>Day Two</p> <p>Module Name –Victim Assessment</p> <ul style="list-style-type: none"> • Perform a primary survey • Perform a secondary survey • Obtain a medical history of a patient and be an investigator <p>Module Name: Maritime Medical Emergencies</p> <ul style="list-style-type: none"> • Review common medical emergencies, assessment and management.
<p>How you will be measured</p> <p>Validation is done through testing and practice demonstrations</p>	<p>Module Name: Maritime Medical Kits and Contents</p> <ul style="list-style-type: none"> • Discusses MedAire’s recommendations for kits • Discusses oxygen and airway kits • Explains how to use the evac-u-splint management kit
<p>What training aids/resources are needed for this course:</p> <p>Laptop</p>	<p>Module Name: Maritime Medications</p> <ul style="list-style-type: none"> • Discusses general advice about medication • Discusses storage and security • Explains how to use the evac-u-splint management kit • Discusses routes of administration <p>Module Name –Invasive Procedure – Skill Lab</p> <ul style="list-style-type: none"> • Discuss indications for IV therapy. • Demonstrate the ability to maintain sterile technique. • Demonstrate the ability to mix and prepare a medication for injection. <p>Module Name: Common Traumatic Emergencies</p> <ul style="list-style-type: none"> • Discuss common injuries that occur in the maritime environment. • Assessment and management of wounds, fractures/dislocations/sprains and strains. • Discuss and demonstrate trauma techniques. <p>Day Three</p> <p>Module Name : Environmental Emergencies</p> <ul style="list-style-type: none"> • Discuss common environmental emergencies. • Discuss the recognition and emergency treatment of the

	<p>following environmental emergencies:</p> <ul style="list-style-type: none">• Cold related emergencies• Heat related emergencies• Near-drowning• Diving emergencies• Lightening strikes• Fatigue <p>Module Name – Marine Hazards</p> <ul style="list-style-type: none">• Discuss common bites and stings encountered in this environment. <p>Module Name – Wound Management – Lecture and Skill Lab</p> <ul style="list-style-type: none">• Discuss overview of wound management• Discuss cleaning of wounds• Discuss wound closure and care <p>Module Name – Ongoing Patient Care</p> <ul style="list-style-type: none">• Discuss the issues that must be considered when caring for a victim who is seriously ill or injured.
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