

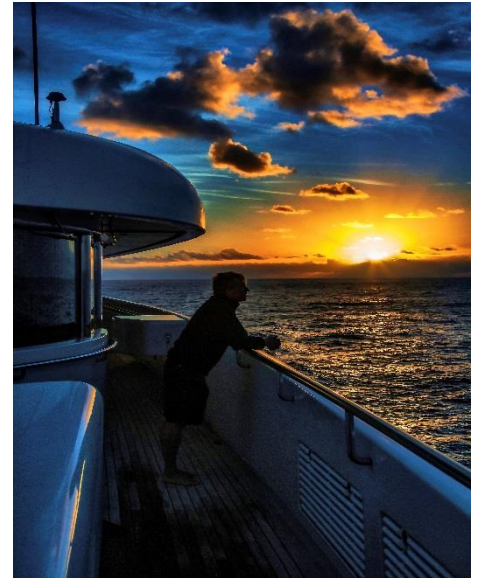
Medical Support Offshore Limited

Company Profile

Medical Support Offshore (MSOS) Ltd provides comprehensive, worldwide medical support for an extensive range of clients, based on land, at sea and in the air.

MSOS delivers this service for clients ranging from the largest superyachts to families sailing around the world, for commercial shipping and land-based operations such as adventure and security providers, and for commercial and private aircraft.

MSOS has its roots in the yacht racing community, and over the past thirty years, has supported iconic yacht races such as the Whitbread, the Volvo Ocean Race, the Global Challenge, the America's Cup and more. This has provided unrivalled experience of delivering medical support under challenging circumstances in some of the remotest areas of the world.



The team at MSOS are passionate about delivering a personal, pragmatic and responsive service to clients. The service comprises telemedical support provided by UK-based Doctors who are experts in remote medicine, a wide range of both commercial and bespoke medical kits, and specialist medical training.

The company also provides a design consultancy service, advising on design, specification, procurement and operation of offshore medical facilities for superyachts and commercial operators.

The company headquarters are based in Southampton, UK, and the company also has offices in Palma De Mallorca, and Fort Lauderdale, US.

MSOS is committed to delivering remote healthcare to the highest standard. MSOS continually seeks to improve the safety of those who venture, for work or pleasure, to isolated corners of the world, by constantly evolving all aspects of support, reflecting advances in medical knowledge and practice.



Peace of mind. Go anywhere.

Medical Kit Design and Supply

Medical Support Offshore (MSOS) Ltd designs and supplies medical kits that comply with licensing authorities around the world, including the Maritime and Coastguard Agency (MCA).

MSOS also supplies medical kits for private vessels, and specialist kits for racing boats. In addition, MSOS supplies medical kits and equipment for land-based expeditions and both private and commercial aircraft.

Regulation-compliant commercial medical kits

The classes of MCA regulation kits (and those of other licensing authorities) that are available include Category A, B and C kits. These kits are intended for vessels undertaking commercial activities such as chartering and other commercial activities, and can be provided for any number of crew on a vessel. The MCA-approved medical kits are based on a modular layout that is intuitive to use, and is based on body organ system, or medical activity such as skin repair. This is a tried and tested system developed over the past thirty years, based on feedback from crew who have had cause to use these medical kits in emergency situations.



Private boat medical kits

Private cruising vessels venture to all parts of the globe, and require robust, comprehensive medical kits in the event of medical problems in remote locations. Medical kits such as the Distant Ocean Kit provide such reassurance, and can be further enhanced by the addition of oxygen, defibrillators, and paediatric kits, depending on the age and health of those on board, and crew activities such as diving, water sports and shore expeditions.

Specialist medical kits

MSOS has a long history of supporting yacht racing, and regularly supplies medical kits for races such as the Volvo Ocean Race, the Vendée Globe and the Barcelona World Race. These kits are housed in robust Pelicases that keep the contents in excellent condition for extended periods in sub-optimal conditions.

Equipment - medical and rescue

MSOS supplies a wide variety of both medical and rescue equipment, including extraction/evacuation stretchers, patient monitors, trauma recovery equipment, imaging devices, training kits and much more.

Telemedical Support Service

Telemedical support provides essential reassurance and advice offshore, and MSOS provides a twenty four hours a day, seven days a week service, direct to UK-based doctors.

When receiving a call from a vessel offshore, medical advice is imparted in the context of the vessels location and prevailing conditions, and the resources and skills on-board. The MSOS team of doctors who provide this advice are all sailors, and experts in remote medicine and telemedical support.

In the event of emergency offshore, the MSOS team will liaise with international search and rescue (SAR) teams, to arrange emergency evacuation if necessary. The SAR teams require accurate information regarding medical resources and skills on the vessel and MSOS are ideally placed to provide that information. In the past, MSOS have coordinated with SAR teams to evacuate casualties from yachts from the Caribbean to the Southern Ocean.

MSOS also organises medical evacuation from all areas of the world, returning injured or unwell crew to their own country for continuing medical care.

Telemedical support can be accessed by telephone (mobile and satellite), text and email. Photographs and video clips are also extremely useful in formulating diagnoses and advising on treatment.

MSOS Telemedical Support contracts include unlimited calls, the reason being that there should be no barrier or hesitation in making that critical call. An early call leads to prompt treatment, which can be life-saving.

MSOS provides all three elements of medical support offshore – medical kits, specialist training and telemedical support. There is definite benefit if the provision of all three elements of medical support is undertaken by one provider. This provides excellent integration of knowledge of what resources are on board the vessel (crew skills and medical kit contents), which is absolutely essential when managing a medical emergency offshore.



Specialist Medical Training

MSOS is approved by the MCA to provide training courses such as Medical First Aid and Medical Care. In addition, MSOS also provides specialist courses on cardiopulmonary resuscitation, the use of oxygen and defibrillators, advanced wound repair and more. Familiarisation courses are also offered, upon delivery of a new kit to a boat.

MSOS courses place emphasis on teaching practical skills which will be of benefit in the event of medical problems offshore. The courses are also designed to teach crew how to use the equipment and medicines provided in their medical kits.

Courses may be held at the MSOS training centres in Palma, Southampton and Fort Lauderdale, or on board the client's vessel.

MSOS instructors are all medically qualified, and have extensive experience as sailors. They know what it's like to deal with anything from a sore throat in the North Atlantic, to a broken leg on the foredeck of a boat in the Southern Ocean.



MCA Proficiency in Elementary First Aid

This course runs for one day. Essentially, crew are trained how to respond to medical and trauma emergencies, and how to assess patients. There is particular emphasis on teaching crew how to use the contents of their medical kit, and basic skills such as wound repair, dealing with fractures and dislocations, and how to move injured or unwell patients. There is also an update on resuscitation skills such as basic life support and advanced life support.



MCA Proficiency in Medical First Aid

This course runs over four days. The MCA Medical First Aid course teaches crew how to provide emergency first aid in the case of an accident causing trauma, or sudden medical illness. There are sessions on how to respond immediately to an emergency, without endangering oneself or other crew, an update on cardiac resuscitation, evacuating casualties, and how to communicate effectively with rescue authorities.

The course has a definite emphasis on practical skills, such as skin repair, managing wounds, reducing fractures and dislocations, correcting dehydration and dealing with medicines.

There are also sessions and practical demonstrations regarding the basics of body anatomy, and also some human physiology – an overview of how the body works.

A fundamental aim of the course is to instruct crew on how to safely and responsibly use the contents of an MCA medical kit. There is an extended session on reviewing all contents of this kit, to give good orientation as to what is available to deal with emergencies when and if they should occur.

MCA Proficiency in Medical Care

The MCA Medical Care course runs over five days. In common with the shorter courses, there is an emphasis on a wider range of practical skills (with the opportunity to revisit practical skills sessions during the five days – a process of ‘spiral learning’). However, an underlying aim of the course is to instruct crew how to take care of injured or unwell crew for extended periods, and hence the course is appropriate for crew who are venturing well beyond the range of straightforward rescue.

There are sessions on anatomy, physiology and pharmacology of the human body, which aid a deeper understanding of why certain actions and treatments are required whilst caring for patients.

There are specific sessions of the treatment of heart and lung problems, and emergencies such as severe allergic reactions and burns.

A pre-requisite for undertaking the MCA Medical Care course is that an MCA Medical First Aid course must have been undertaken within the previous five years.



MCA Update Proficiency in Medical Care

This course should be undertaken every five years, to keep the MCA Proficiency in Medical Care in-date. The course usually runs over three days, but can be extended to four days depending on the requirements of the crew.

The course includes revisiting some theoretical aspects of human anatomy and physiology, but there is a strong emphasis on revising practical skills, and the treatment of specific medical illnesses covered in the MCA Medical Care Course.

Bespoke Courses

MSOS designs and runs specialised courses for specific client requirements, such as in-water rescue, wilderness medicine, first aid for children, oxygen administration and casualty evacuation. There is a distinct advantage in holding these courses on the client vessel, to increase the situational awareness of crew. Courses can focus on using existing client medical kit and equipment, or trialling new items.