

survitecgroup

# COMMERCIAL MARINE CATALOG

NORTH AMERICA  
SUPPLY | SUPPORT | SERVICE | SAFETY





# YOUR SURVIVAL. OUR TECHNOLOGY.

Survitec Group is the worldwide leader in manufacturing, supply, inspection, testing and maintenance of mission-critical safety and survival equipment. Our organization has been helping to save lives at sea and airborne for over 160 years. We are innovators with a passion for developing new products and solutions to meet the changing demands of our customers in the Commercial Marine, Recreational Marine, Oil & Gas, Defense and Aviation industries.

In North and South America, Survitec Group provides a wide portfolio of products directly to customers and through an integrated local network of the strongest dealers and distributors in each port and region. Our comprehensive range of innovative marine products includes liferafts, marine evacuation systems, rescue boats, lifeboats, davits, pyrotechnics, immersion suits, lifejackets, fire-fighting equipment, search & rescue equipment and marine electronics.

Our team takes pride in delivering great service for these products. Each accredited Survitec or third-party service station is certified and strategically located to cover a major port, ensuring minimum delay in the collection, servicing and delivery of life-saving equipment. Contact information for any of our approved marine service station partners is available on our website at [www.survitecgroup.com](http://www.survitecgroup.com).

We believe it takes strong partnerships between manufacturers, distributors, dealers and service stations to bring the best value, highest quality safety and survival solutions to our commercial marine customers. And although our business interests span many industries, our people, our products, and our partners share a common mission ... your survival.



**Nick Howland**

Vice President and Managing Director  
Survitec Group Americas



## WORKBOATS

Survitec Group products are built to be as tough as the people who use them and the ships they are on. Be it a tug, container ship, or something else... our products rise to meet the challenge.



## CRUISE SHIPS

Survitec Group is the market leader in supply and service for innovative marine survival solutions to the full range of sea-going passenger vessels.



## COMMERCIAL FISHING

We know it is harder than ever to make a living harvesting the sea, so our service stations strive to keep your equipment working and safe so you continue to be successful.

## OIL & GAS EXPLORATION

Our wide-ranging knowledge and expertise means we can offer extensive support whether you are close to shore or far out to sea.



## FIRE-FIGHTING & PUBLIC SAFETY

Survitec has the in-depth understanding required to advise customers on the best products for fire and public safety applications.



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# ICONS KEY

This catalog is organized into categories so that readers may easily and intuitively retrieve relevant information on the products and services of interest. Throughout each section, various icons are used to reference key product traits, as detailed here.

ICON	COMMON APPROVALS
	USCG Approval: The United States Coast Guard (USCG) has developed specifications and criteria for marine safety equipment. Every unit will have a label or printing directly on the device identifying the approval number. In our personal flotation section of the catalog, the USCG Approval icon is colored red and blue, and in place of the "USCG" is the specific Type Approval for the device. Descriptions are at the front of the section.
	TC Approval: Transport Canada promotes efficient marine transportation and safe, secure and sustainable marine practices; oversees marine infrastructure; regulates the safe transportation of dangerous goods by water; and helps protect the marine environment.
	SOLAS Compliance: The "International Convention for Safety of Life at Sea" has existed since 1914. The International Maritime Organization (IMO) has maintained and developed the SOLAS standards since 1948.
	MED Approval: Council Directive 98/85/EC of December 20 1996 on Marine Equipment came into force on January 1, 1999, and applies to all ships whose safety certification is issued by or on behalf of Member States of the European Union.
	CE Approval: The mark is placed on products which meet safety standards that apply to all the countries of the European Union. Products with CE approval can be traded freely throughout the EU without further modification or testing. The CE marking or formerly EC mark, is a mandatory conformity marking for certain products sold within the European Economic Area (EEA) since 1993.

Many of the products that Survitec Group offers are legislatively regulated by North American public and private institutions. Each category varies on the approval icons involved, which are located nearby to the name of the product. These examples shown above with their basic description are only some of the approvals notated and are for general information purposes only.

ICON	SUPPLY LOCATION
	Survitec Group in Sharon Center, Ohio
	Survitec Group in Vancouver, British Columbia
	Survitec Group in Miami, Florida
	Survitec Group in Houston, Texas

The icons shown directly above are located in product listings and should be used to reference which corporate office the product may be ordered from. Contact information for all of our Survitec Group locations in North America is on page 5 of the Commercial Marine Catalog.

ICON	OTHER INDICATION
	Indicates a Dummy or Sample Product is available free of charge to authorized customers with approval by your Sales Manager; see Doing Business With Survitec Group section for applicable information.
	Non-stocked, seasonal, or special order item. Call the Customer Service team before placing your purchase order to determine and confirm availability.

The icons shown directly above communicate details related to product support and availability.

# SURVITEC GROUP IN NORTH AMERICA

Survitec Group maintains six corporate offices and a strong partnership with over 1000 retail dealers, distributors, service stations and national end user customers in North America.



**Survitec Group - Newfoundland**  
8 Kyle Avenue, Donovans Industrial Park  
Mount Pearl, Newfoundland A1N-4R5  
Tel: (709) 747-2175 • Fax: (709) 747-2176  
General Inquiries:  
stjohns.sales@survitecgroup.com



**Survitec Group - Halifax**  
34 Mount Hope Avenue, Woodside Industrial Park  
Dartmouth, Nova Scotia B2Y-4K9  
Tel: (902) 466-5111 • Fax: (902) 466-2215  
General Inquiries:  
halifax.sales@survitecgroup.com



## CANADA HEADQUARTERS

**Survitec Group - Vancouver**  
1689 Cliveden Avenue  
Delta, British Columbia V3M-6V5  
Toll-free: (800) 931-3221 • Tel: (604) 278-3221  
Fax: (604) 278-7812  
Liferafts, Spare Parts, Certificates:  
vancouver.sales@survitecgroup.com  
Servicing: vancouver.service@survitecgroup.com  
Liferaft Technical And Training:  
vancouver.technical@survitecgroup.com

### PRODUCT BRANDS:



## UNITED STATES HEADQUARTERS

**Survitec Group - Sharon Center**  
1420 Wolf Creek Trail, P.O. Box 585, Sharon Center, Ohio 44274 (SSPI)  
1420 Wolf Creek Trail, P.O. Box 359, Sharon Center, Ohio 44274 (RFDBI)  
1420 Wolf Creek Trail, Wadsworth, Ohio 44281 (RFDBI Freight)  
SSPI Tel: (330) 239-9710 • RFDBI Tel: (330) 239-4331 • Fax: (330) 239-3671  
Liferafts: sharoncenter.sales@survitecgroup.com  
Spare Parts, Certificates, Servicing: sharoncenter.service@survitecgroup.com  
Technical Services: sharoncenter.technical@survitecgroup.com  
879 South Progress Drive, Suite J, Medina, Ohio 44256  
Tel: (330) 239-9723 • Fax: (330) 239-9727

### PRODUCT BRANDS:



**Survitec Group - Houston**  
1640-B Brittmoore Road  
Houston, Texas 77043  
Tel: (713) 973-8777  
Fax: (713) 973-8781  
General Inquiries:  
houston.sales@survitecgroup.com



**Survitec Group - Miami**  
9640 Premier Parkway, Miramar, Florida 33025  
Tel: (954) 374-4377 • Fax: (954) 374-4379  
Sales and Service: miami.services@survitecgroup.com  
Survitec Survival Craft: ssc.us@survitecgroup.com



# SURVITEC GROUP ACROSS THE WORLD

As the leading global liferaft manufacturer and provider of the largest domestic and international service station network, we represent the strongest end-to-end safety and solutions partner for your company.

**international Presence In 96 Countries**

**Coverage Across 2000 Ports**

**Over 550 Accredited Service Stations**

**3,500 Certified Service Technicians**

**12 Offshore Vessel Support Locations**

**50 Distribution Centers**

**10 World-Class Manufacturing Facilities**

**Over 160 Years Of History In The Business**





# GLOBAL SERVICES LIFERAFT LEASE

As a flexible, solution-based service for the supply and servicing of liferafts, the Global Services Liferaft Lease program allows a customer to choose between liferaft exchange, liferaft lease or fully managed service... enjoying both immediate and long-term benefits.

By leveraging the largest service network of any liferaft manufacturer in the world, we can deliver a simple, speedy and streamlined solution for maintaining liferafts when vessels are in port.

Liferaft Lease reduces the total cost of liferaft ownership. There is no investment required, no depreciation of assets, and the guarantee that a vessel will always be equipped with a set of fully serviced, high quality liferafts.

Customers may extend the term of a contract or scale-up their requirements to include additional vessels. If a vessel is sold, our contracts provide easy exit options. Our standard contracts cover 5, 7 or 10 years, although shorter or longer terms are available.

These straightforward and fully customized programs ensure customers benefit from financial security for on-going service costs.

For more information about our offering, contact the Sales Manager responsible for your territory.



## SERVICE LEASE

We will replace all existing liferafts with new standard annual service liferafts

When the lease liferafts are due for service, the same liferafts go back on board

Available at almost any port around the world

Easy contract exit options

Option to purchase the liferaft at the end of the lease term

All Survitec Group market-leading liferaft brands included



## EXCHANGE LEASE

We will replace all existing liferafts with Survitec extended (30 month) approved service liferafts

Easy contract exit option

Supports short port stays

Available at all key ports in the world

When the lease liferafts are due for service, they are replaced with a new approved set

Exchange in combination with extended service liferafts reduces the handling to the absolute minimum

# PRODUCT SERVICING

The Survitec Service Stamp ensures products are fit-for-purpose and Survitec Group believes it takes strong partnerships with service stations to bring the highest quality, best value survival products to end user customers.

When it comes to safety there is no margin for error or complacency. Servicing and maintenance at certified Service Stations throughout the world means customers have the best and most reliable commercial marine survival products available.

As well as standard liferaft servicing, we offer both major and minor repairs to rescue boats, PFDs, immersion suits and electronics. We have our own in-house cylinder bays and engineering workshops where we investigate the condition of equipment prior to carrying out any extensive repairs.

In order to provide a rapid service turnaround, service stations hold a host of components and spare parts, all of which are fully documented and traceable. Work always meets the highest standards and our technical ability is continuously upgraded with the latest equipment, facilities and training.

To determine service offering and pricing, check the Survitec Group website and locate your nearest Service Station, then contact them directly by phone or email.



## SERVICING CAPABILITY

Regular servicing of Liferafts, Marine Evacuation Systems, Personal Flotation Devices, Immersion Suits and Electronics, as well as major and minor repairs when needed

Inflatable tube and glass fiber hulls repair for RIBs and rescue boats

Testing and refilling of gas cylinders

Each service certificate printed with a unique code to record where a service has been carried out

## SERVICING STATIONS

Strategically located service stations ensure minimum delay in the delivery and collection of equipment

All service stations are quality controlled and audited at least once every three years

Our service stations are required to stock a quantity of approved spare parts

Only approved and trained service engineers are authorized to carry out work

Service engineers must attend refresher courses once every three years

Training, audit and certification records are tracked through a global servicing database

Survitec Group owned stations in Vancouver, Sharon Center and Miami, covering all Survitec Group liferaft brands



# SURVITEC SURVIVAL CRAFT

SSC is the newest Survitec Group business and provides a single range of life-saving solutions thanks to integrated design, installation, commissioning and training services, all of which are supplemented by in-house, 'through life' inspection, maintenance and testing.



## FULL SERVICES PORTFOLIO

We offer a full services portfolio to the global shipping industry that meets all requirements of IMO under the SOLAS regulations and covers MSC89 requirements for LRRS with our Safelaunch release gear

Our annual inspections, five-yearly load testing, repairs and the supply of spare parts capabilities, are all structured to reflect your operational priorities with cost-effective performance, swift supply, flexibility and efficiency are built into our business ethics



## CRUISE SHIP EXPERIENCE

Because we offer a comprehensive range of maintenance, inspection and testing services to the global cruise and ferry-shipping sector in accordance with the latest SOLAS regulations, MSC.1/Circ.1206 Rev1, MSC.1/Circ.1277, we are proud to count world-leading cruise operators and managers among our long-standing customers

Six-monthly and annual inspections of lifeboats, FRCs, davits, winches, and LRRS

Five-yearly overload testing of lifeboats, davits, winches, and lifeboat release and retrieval systems

Five-yearly fall wire replacements

Mechanical and GRP repairs

Refurbishing and retrofitting of lifeboats, FRCs, davits, winches, and lifeboat release and retrieval systems

## MEMBERSHIP AND ACCREDITATION

SSC is an official member of Cruise Lines International Association (CLIA), which is composed of 26 of the major cruise lines serving North America and is the world's largest cruise association dedicated to the promotion and growth of the cruise industry

Additional affiliations include the following organizations show to the right



## LRRS AND ERRV CREW TRAINING

Training and HSEQ competency underpin our commitment to excellence in service delivery for full compliance with the latest requirements of SOLAS and offshore regulatory authorities

We operate eight international training centers including the SSC Marine Training Academy in Stonehaven, Aberdeenshire (on the edge of the North Sea), which provides hands-on workshops, an opportunity to test real LRRS equipment such as our dedicated training davit and twin fall TEMPSC in a low risk environment, and practical "on water" sessions operating the system with a fast rescue training boat

Courses include ERRV Crew Initial Training Shipboard Operations, ERRV Fast Rescue Craft Boatman, ERRV Fast Rescue Craft Coxswain, ERRV Daughter Craft Coxswain, STCW 95 Basic Training, and more OPITO-approved marine courses but custom courses may also be developed for your organization and LSA maintenance staff

## VITAL SUPPORT SYSTEMS

SSC supplies and maintains all vital support systems including winches, davits, release gear, and fall wires



## CUSTOM INSTALLATION PROGRAM

Full SSC project management for owners and operators including all classification and certification requirements handled on client's behalf

Installation, commissioning and testing undertaken by SSC, followed by training of client's crew, then handover of equipment and complete documentation with full service back up



## INSPECTION, TESTING AND MAINTENANCE SERVICES

We offer a comprehensive range of inspection and maintenance services - delivered in accordance with the latest SOLAS/LSA regulations and MODU codes

Six-monthly and annual inspections of lifeboats, FRCs, davits, winches and LRRS

Five-yearly overload testing of lifeboats, davits, winches, and LRRS

Five-yearly fall wire replacements

Five-yearly air cylinder replacements

Mechanical and GRP repairs

Refurbishing and retrofitting of lifeboats, FRCs, davits, winches, and LRRS

Our cost-effective preventative maintenance plans start with a full consultation and thorough review of existing maintenance procedures and equipment age, type and condition in accordance SOLAS, IMO and LSA requirements and guidelines

We have developed a wide range of overload tests, performed through ISO 9001:2008 QMS-controlled procedures using calibrated equipment including water bags, load cells and flow meters, to deliver full compliance with SOLAS/LSA regulations and MODU codes which require five-yearly load tests on all lifeboats, FRCs, release mechanisms and davits during installation and commissioning of new and reconditioned equipment



## GLOBAL ENGINEERING TEAMS AND CUSTOM MANUFACTURING

SSC specialist engineering teams are strategically situated near all major global ports and can design, develop, repair and manufacture a variety of parts and custom systems, including overhaul of marine diesel engines such as Bukh, Saab, Ford, Deutz, Yanmar and Lister

Our precision engineering workshop is equipped with advanced, computer-controlled machinery, allowing our custom manufacturing team to fabricate obsolete parts for any type of lifeboat, davit or winch, so that your equipment is up to date and in safe working order

Specialty services available include crankshaft regrinding, cylinder head pressure testing and reconditioning, cylinder honing and boring, valve seat re-cutting, camshaft alignment repair and valve guide manufacture



## MATERIALS, SPARES AND LSA

From spare parts to full refurbishment of existing lifeboats and davit equipment, the dedicated teams that work in the SSC custom-built warehouse and workshops possess the resources, tools and knowledge to get the job done right

Our workshops are equipped with the latest technology to help ensure our skilled team can not only fit your new parts, but also manufacture replacement parts that may no longer be available off the shelf

Our warehouse is always stocked with quality products and materials to support your project

In addition to the many products in this catalog, our marine division offers an extended range of safety products from fire-fighting equipment to first aid kits, and can provide the right equipment to keep your crew and passengers safe at all times including helicopter crash rescue equipment, firemen's clothing, breathing apparatus, smoke hoods, personnel transfer baskets, stretchers, GRP storage cabinets, safety showers, eyebaths, PPE Kits and first aid kits

We know that each customer has unique operational needs and are ready to help



# FIRE SAFETY

As the fire safety specialist, Survitec Group provides solutions such as fire suppression systems, inspection services and supply for marine, aviation, commercial and industrial applications.



To learn about all our solutions, please contact us via email to [vancouver.firesafety@survitecgroup.com](mailto:vancouver.firesafety@survitecgroup.com)



## SUPPRESSION SYSTEMS

Complete range of fire-fighting systems designed to maximize protection and minimize loss to life and property damage

Full design, installation and service

Authorized distribution and service for engineered systems by Kidde, Pyrene, Ansul, Chemetron, Stat-X and Seafire

CO2 / Novec 1230 / FM-200

Specialized galley suppression systems

Fire trace linear detection and suppression combined



## SALES AND SUPPLY

Portable and semi-portable fire extinguishers with marine brackets and cabinets

Personnel rescue devices, rescue stretchers and retrieval equipment

Fire-fighting outfit, turn-out gear and extras

Fire hose, nozzles, axes and cabinets

Foam nozzels, inductors and liquids

Air breathing equipment

Wheeled units

Pyrotechnics

Smoke, heat, fire and CO2 detectors



## SERVICE

Inspection of firefighting equipment and systems in-shop or onsite

Hydrostatic testing of pressure vessels and fire extinguishers

Inspection and servicing of breathing apparatus, fire alarm and system, sprinkler system and emergency light system

Backflow and hydrant testing

Full maintenance and recharge facility in Vancouver for all fire equipment with trained and certified technicians

Manufacturer authorized clean agent facility for CO2 / Novec / FM-200

TC, DOT, Lloyds and ABS Approved

# VISUAL SAFETY SYSTEMS

We manufacture and can supply vessel and rig communication systems, including boards, cabinets and other safety signage systems. To learn more about these products and related safety solutions, please contact us via email to [houston.sales@survitecgroup.com](mailto:houston.sales@survitecgroup.com)



## MUSTER STATIONS

Muster station cabinets and t-card displays are designed to provide assembly points during an emergency

Cabinets are bolted to stove-lacquered, hardwearing Di-bond back boards, making them suitable for mounting on hand rails or bulkheads with the supplied fixing kit

Models for interior or exterior installation are available in fiberglass or stainless steel

 Contact us to learn more about pricing and ordering

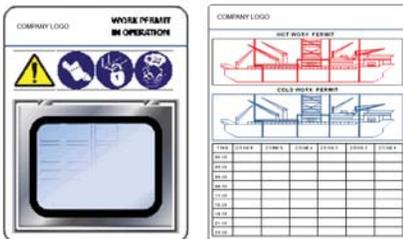


## SAFETY SIGNS AND PICTOGRAMS

These solutions are designed to provide visual information spanning all language barriers, advising personnel and instructing them on standards, warning, hazards and more

Each solution complies with ISO 3864, and the category of signs is exhaustively provides compliance for governing bodies including ANSI, OSHA, USCG and IMO

 Contact us to learn more about pricing and ordering



## INFORMATION AND IDENTIFICATION BOARDS

Full turn-key design, fabrication and installation service for our extensive range of regulatory and precautionary signs

Solutions for permit to work, general information, muster, and emergency procedure boards available in either pictorial or pictorial / written format, single or dual language, with dry wipe and magnetic overlays

 Contact us to learn more about pricing and ordering



## MARKING SYSTEMS

We provide a comprehensive range of coiled pipe markers, pipe tapes, tag-out / lock-out tags safety labels, safety signs, and electrical lock-outs

Safeguard anti-slip tread and IllumiTread low level photoluminescent lighting systems are also available for improving path safety

 Contact us to learn more about pricing and ordering

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# LIFERAFTS & MARINE EVACUATION SYSTEMS

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# CHOOSING THE RIGHT LIFERAFT

Commercial liferafts are a highly regulated life-saving product. For further details on any content contained within and specific information on a product or configuration's applicability to your needs, contact the Survitec Group technical services department.

THROWOVER LIFERAFTS	DAVIT-LAUNCH LIFERAFTS	COASTAL LIFERAFTS	IBA/ORIL/PLATFORM LIFERAFTS
The standard canopied commercial liferaft with complete SOLAS A or B pack for use in all waters. Available in 4-50 person capacities.	Canopied liferaft complete with quick release girt systems and davit ring to be used in conjunction with a davit. Can also be deployed as a throwover. Available in 8-25 person capacities.	Canopied liferaft designed for use in coastal waters, with limited coastal emergency pack. Available in 4-8 person capacities, packed in a low profile container or valise.	Liferaft without a canopy, designed and certified for passenger and or commercial fishing vessels operating in protected or inshore waters. 4-8 person sizes available in LPC or valise, 10-50 person sizes available in LPC or round, and 100-151 person sizes only available in round containers.

BRAND	DESCRIPTION AND KEY INDUSTRIES / REGIONS SERVED
	Holds USCG and SOLAS approvals. Important U.S. brand with a long heritage in oil, gas and other marine industries. Service stations represented world-wide.
	Holds USCG and TC approvals. Important Canadian brand with long heritage in all aspects of North American maritime industries.
	Holds USCG, TC, SOLAS, and MED approvals. For both foreign and domestic vessels. Extensive service station network. Original German brand from which many European liferafts still share roots. A top choice for many vessels world-wide.
	Holds USCG, TC and SOLAS approvals. Premier American brand for flagged and military vessels. Strong service station presence in North America, with representation world-wide.
	Holds USCG and SOLAS approvals. Important U.S. brand with applicability in key markets including commercial fishing. Service stations represented world-wide.
	Holds USCG, TC, SOLAS and MED approvals. Preferred brand for foreign-flagged vessels across the world. Has the largest international service station network.
	Holds USCG and SOLAS approvals. One of the newest brand offerings for a wide range of commercial vessels. Service stations represented world-wide.
	Holds USCG, TC, SOLAS and MED approval. Extremely high quality design and workmanship. Many models/sizes are built France and brand is a favorite in global marine fleets. Extensive world-wide service station coverage.

EVACUATION PRODUCT	PRODUCT ADVANTAGES
Commercial Liferaft	Flexible to several vessel sizes, types and styles.
Marine Evacuation System (MES)	For evacuation of a far greater number of people, using less deck space than the equivalent quantity of liferafts. Custom configured for each specific vessel.

PACK TYPE	DESCRIPTION	ADVANTAGES
Low Profile Container (LPC)	Fiberglass rectangular cube with curved edges mounted to a metal cradle which is attached to the ship's deck.	Available in most sizes; smaller footprint on deck than a barrel or round container. Check your liferaft brand for availability.
Xtrem Container	Similar to a low profile container but much more streamlined and compact, with vacuum-packed liferaft for greater space savings.	Available for many SurvitecZodiac brand liferaft sizes; smallest footprint on deck and a favorite for mega yachts.
Round Container	Fiberglass cylinder mounted to a metal cradle which is attached to the ship's deck.	Available in almost all sizes, but larger footprint than other containers. Check your liferaft brand for availability.
Valise	Lightweight vinyl bag with closeable opening that can be hand-carried by ship personnel.	Available in 4, 6, 8 person sizes; smaller footprint than other containers and stowable in dry areas of a vessel only. Check your liferaft brand for availability.

Throw-over liferafts vacuum-packed into a SurvitecZodiac Xtrem container have a 25-35% smaller footprint than any other conventionally packed low profile container in the market.



**XTREM CONTAINER**



**COMPARISON TO STANDARD LOW PROFILE CONTAINER**

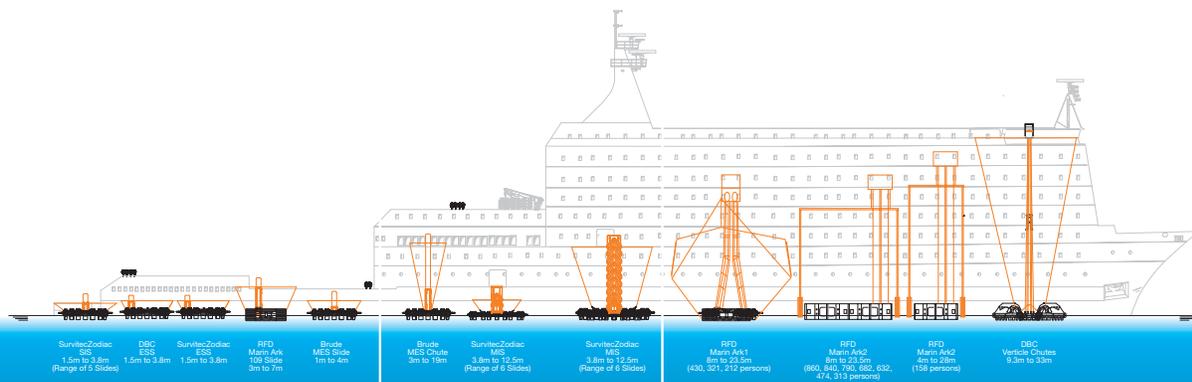
# CHOOSING THE RIGHT MES

Each installation of an MES system is custom installed to the particular vessel. In conformance with SOLAS III/20-8.1 & HSC 8.9.7, MES servicing must always be performed in an approved service station (depending on the MES) and the servicing of the system or liferaft may not exceed 12 months (may be extended by the Maritime Administration).

## MES SUPPLY PROCESS

<b>0</b>	We provide full technical assistance, from the conceptual arrangement design in response to a request for quote, to the final technical documentation after approval tests of the installation onboard a ship.
<b>1</b>	Gather the technical information for the project and prepare the proposal including a conceptual arrangement drawing of the MES, an evacuation procedure, a scope of supply, scope of price, the commercial conditions, and a technical documentation on the supplied equipment.
<b>2</b>	Upon receipt of the order, a Survitec Group installation engineer will prepare and issue an initial general arrangement drawing with full details of the equipment and their proposed position, as well as a corresponding initial evacuation procedure. These documents, which will serve as a support for the training of crew members, will be sent to the customer for approval before commencement of the equipment production & supply.
<b>3</b>	The commissioning phase consists of installing the MES onboard the vessel, performing a harbor trial deployment, training of the crew members, then re-packing and re-installing the deployed equipment.
<b>4</b>	Final MES File: This file is composed of the commissioning report with the authority's approval signature, the final GA drawing, the owner and installation manuals, onboard maintenance manuals for each system item and a training DVD.

MES SYSTEM	BEST SUITED FOR	APPROVALS	CUSTOMERS EMPLOYING SYSTEM
SurvitecZodiac Small Height Inflatable Slide System <b>(SIS)</b> <i>(raft &amp; slide separate)</i>	Ferries and high speed vessels requiring a relatively light-weight system such as catamarans. Lightest system available and can deploy from freeboard heights up to 3.7m.	USCG, TC, SOLAS, EC/MED	French Navy, Newfoundland Ferries
DBC or SurvitecZodiac Slide System <b>(ESS)</b>	Smaller vessels with the lowest evacuation points. Can deploy from freeboard heights up to 4m, and be activated by as few as one crew member.	USCG, TC	British Columbia, Hong Kong, Venecian, Washington State and Golden Gate Ferries; BC DOH, STQ, Jadrolinja, Pamarian
Brude MES Slide System and MES Chute System	Vessels with low or medium evacuation points. Slide system can deploy from freeboard heights of 1-4m; chute can deploy from heights of 3-19m.	SOLAS	Ask for references
SurvitecZodiac Medium Inflatable Slide System <b>(MIS)</b>	High speed vessels requiring a relatively light-weight system such as fast ferries and catamarans. Lightest system available in this height range and can deploy from freeboard heights up to 12.5m.	USCG, TC, SOLAS, EC/MED	Calmac Ferries, Conseil Gen de la Gironde, French Navy, Marine Nationale, Norled, Owen Sound Transportation, Russian Navy, Ven Trafikken
RFD Marin Ark	Large vessels with high freeboard decks, ferries naval vessels and world leading ships of the cruise industry. High degree of functionality, twin chutes with fewer liferafts, requires minimal crew to activate and can deploy from up to 28m.	USCG, TC, SOLAS, EC/MED	Atlantic Marine, BC Ferries, Celebrity Cruises, Danish Navy, PAU Cruises, Princess Cruises, RCCL Cruises, Royal Australian Navy, Spanish Navy, Stena Line, STQ, UK Navy, US Navy
DBC Vertical Chute	Very large vessels with high evacuation points such as cruise ships, high freeboard ferries and naval vessels. Most established technology (vertical chute) with many years of success and can deploy from up to 33m.	USCG, TC, SOLAS, EC/MED	AK Marine Highway Systems, Anek Lines, Blackball Ferries, Brittany Ferries, Comanav, Conseil Gen, Delaware River and Bay Authority, Jadrolinja, Norwegian Cruise Lines, Star Cruises, Titan Cruises, UK Navy, Wightlink Ferries



## THROW-OVER LIFERAFTS

All models meet the requirements of the International Convention of the Safety of Life at Sea (SOLAS) 1996, as amended (except for 4-person model) and come with SOLAS "A" Equipment Packs unless otherwise requested

Most brands and sizes of throw-over liferafts feature double buoyancy chambers, manufactured from a specially formulated \*polyurethane (PU) proofed nylon fabric to NATO ADAP 1 quality standards, a fully enclosed double-skinned high visibility canopy complete with SOLAS-grade reflective tape, and a non-inflatable easy access boarding ramp

Some models of SurvitecZodiac brand liferafts are specially designed to meet both Transport Canada (TC) and USCG regulations, featuring a special Thermobonding™ hot assembly technique construction

DBC products are constructed of butyl fabric, hand-crafted in Canada with specialized epoxy adhesive technology

Throw-over liferafts hold approvals from most major international marine authorities, including the United States Coast Guard and UK Department of Trade (based on brand)

Liferafts come packed in containers with hydrostatic release unit (HRU) assembly and cradle for U.S. product only

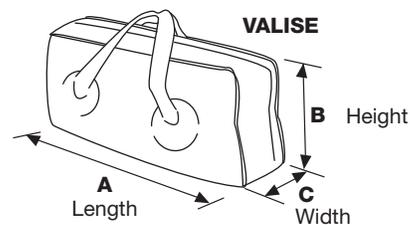
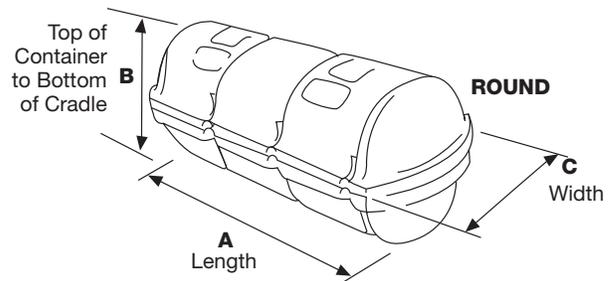
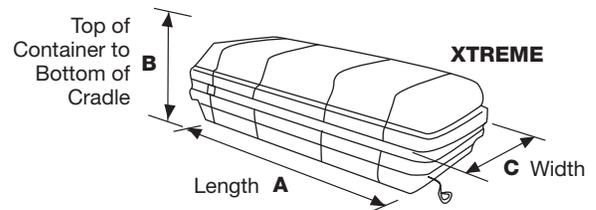
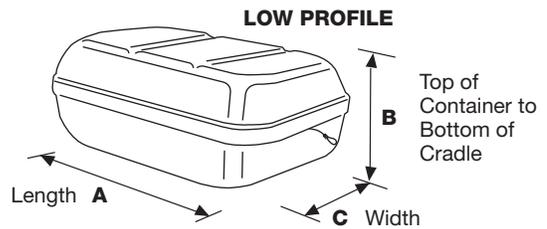


### THROW-OVER LIFERAFT SOLAS "A" STANDARD EQUIPMENT PACK



- 6 USCG/SOLAS hand flares
- 4 USCG/SOLAS parachute rockets
- 2 USCG/SOLAS smoke signals
- 1 topping-up air pump
- 1 sea anchor with SS swivel
- 1 spare sea anchor
- Throwing quoit w/ 100 ft. line
- Thermal protective aids
- Sea sickness bags
- Survival Instructions
- 2400 Cal. Food Rations
- 4.2 oz. water packs
- 1 Bailer for 4-12 person liferafts
- 2 bailers for 16-25 person liferafts
- 2 paddles
- 2 sponges

- Repair kit
- Signal whistle
- Repair plugs
- 1 drinking cup
- Seasick tablets
- 1 flashlight
- 1 spare bulb
- Extra batteries
- 1 signal mirror
- 1 first aid kit
- 1 fishing kit
- 3 can openers
- 1 floating knife
- 1 lock back knife (on 16-25 person liferafts only)



**DIMENSIONS LISTED IN UNITED STATES CUSTOMARY UNITS ROUNDED UP TO NEAREST INCH**

SIZE / CONTAINER	A X B X C DIMENSIONS	SOLAS PACK TYPE / WEIGHT	DROP HEIGHT	ELLIOT PRODUCT #	CREWSAVER PRODUCT #	SSP PRODUCT #	NEW WAVE GUARDIAN PRODUCT #	RFD PRODUCT #
4 person Low Profile	35x12x25" (889x305x635mm)	A 117 lbs (53kg)	59' (18m)	50-00300019905	50-00300019904	50-00300019908	50-00300019911	50-00300019901
	35x12x25" (889x305x635mm)	B 99 lbs (45kg)		50-00300041705	50-00300041704	50-00300041708	50-00300041711	Call
4 person Round	Call	A	59' (18m)	50-00300020705	50-00300020704	50-00300020708	50-00300020711	50-00300020701
	Call		118' (36m)	50-00300019305	50-00300019304	50-00300019308	50-00300019311	50-00300019301
	Call	B	59' (18m)	Call	Call	Call	Call	Call
	Call		118' (36m)	Call	Call	Call	Call	Call
6 person Low Profile	39x17x26" (991x432x661mm)	A 167 lbs (76kg)	59' (18m)	50-00100020105	50-00100020104	50-00100020108	50-00100020111	50-00100020101
	35x12x25" (889x305x635mm)	B 125 lbs (57kg)		50-00100026805	50-00100026804	CALL	50-00100026811	Call
6 person Round	50x24x19" (1270x610x483mm)	A	59' (18m)	50-00100020805	50-00100020804	50-00100020808	50-00100020811	50-00100020801
			118' (36m)	50-00100018105	50-00100018104	50-00100018108	50-00100018111	50-00100018101
	46x22x17" (1169x559x432mm)	B	59' (18m)	Call	50-00100041104	Call	Call	Call
			118' (36m)	Call	50-00100022504	Call	Call	Call
8 person Low Profile	39x17x26" (991x432x661mm)	A 190 lbs (87kg)	59' (18m)	50-00100020305	50-00100020304	50-00100020308	50-00100020311	50-00100020301
	39x17x26" (991x432x661mm)	B 137 lbs (63kg)		50-00100041205	Call	Call	Call	Call
8 person Round	50x24x19" (1270x610x483mm)	A	59' (18m)	50-00100020905	50-00100020904	50-00100020908	50-00100020911	50-00100020901
			118' (36m)	50-00100018605	50-00100018604	50-00100018608	50-00100018611	50-00100018601
	46x22x17" (1169x559x432mm)	B	59' (18m)	50-00100028705	50-00100041204	Call	Call	Call
			118' (36m)	Call	Call	Call	Call	Call
10 person Round	55x26x21" (1397x661x534mm)	A	59' (18m)	50-00100021005	50-00100021004	50-00100021008	50-00100021011	50-00100021001
			118' (36m)	50-00100018805	50-00100018804	50-00100018808	50-00100018811	50-00100018801
	50x24x19" (1270x610x483mm)	B	59' (18m)	Call	50-00100026304	Call	Call	Call
			118' (36m)	Call	Call	Call	Call	Call
12 person Round	55x26x21" (1397x661x534mm)	A	59' (18m)	50-00100021105	50-00100021104	50-00100021108	50-00100021111	50-00100021101
			118' (36m)	50-00100019205	50-00100019204	50-00100019208	50-00100019211	50-00100019201
	50x24x19" (1270x610x483mm)	B	59' (18m)	Call	50-00100027304	50-00100027308	Call	Call
			118' (36m)	50-00100022605	50-00100022604	Call	Call	Call
16 person Round	61x26x21" (1550x661x534mm)	A	59' (18m)	50-00100021205	50-00100021204	50-00100021208	50-00100021211	50-00100021201
			118' (36m)	50-00100019105	50-00100019104	50-00100019108	50-00100019111	50-00100019101
	55x26x21" (1397x661x534mm)	B	59' (18m)	50-00100027205	50-00100027204	Call	Call	Call
			118' (36m)	Call	Call	Call	Call	Call
20 person Round	64x28x23" (1626x712x585mm)	A	59' (18m)	50-00100021305	50-00100021304	50-00100021308	50-00100021311	50-00100021301
			118' (36m)	50-00100019005	50-00100019004	50-00100019008	50-00100019011	50-00100019001
	61x26x21" (1550x661x534mm)	B	59' (18m)	Call	Call	Call	Call	Call
			118' (36m)	50-00100057005	Call	Call	Call	Call
25 person Round	64x28x23" (1626x712x585mm)	A	59' (18m)	50-00100021405	50-00100021404	50-00100021408	50-00100021411	50-00100021401
			118' (36m)	50-00100018905	50-00100018904	50-00100018908	50-00100018911	50-00100018901
	61x26x21" (1550x661x534mm)	B	59' (18m)	50-00100050405	50-00100050404	Call	Call	Call
			118' (36m)	50-00100022705	50-00100022704	Call	Call	Call

Please be sure to indicate drop height and approval needed for all orders. Also note that several brands have 46 meter high drop stowage height options. To ensure you have the correct liferaft for your application, please contact your customer service representative or sales manager before ordering.

**APPROVALS:**

RFD Surviva MED-approved throw-over liferafts are available in several sizes. To ensure you are purchasing the correct liferaft for your application, please speak to your customer service representative or sales manager before ordering.

SIZE / CONTAINER	A X B X C DIMENSIONS	SOLAS PACK TYPE / WEIGHT	DROP HEIGHT	RFD MED PRODUCT #
8 person Round	50x24x19" (1270x610x483mm) 46x22x17" 1169x559x432mm)	A 176 lbs (80kg)	59' (18m)	50-00009340
		B 126 lbs (58kg)		Call
16 person Round	61x26x21" (1550x661x534mm) 55x26x21" (1397x661x534mm)	A 302 lbs (137kg)	59' (18m)	50-00041398
		B 227 lbs (103kg)	118' (36m)	50-00000041406
20 person Round	64x28x23" (1626x712x585mm) 61x26x21" (1550x661x534mm)	A 348 lbs (158kg)	59' (18m)	50-00000012551
		B 240 lbs (109kg)	118' (36m)	Call
25 person Round	64x28x23" (1626x712x585mm) 61x26x21" 1550x661x534mm)	A 392 lbs (178kg)	59' (18m)	50-00000013563
		B 282 lbs (128kg)	118' (36m)	Call

**APPROVALS:**

SIZE / CONTAINER	A X B* X C DIMENSIONS	SOLAS PACK TYPE / WEIGHT	DROP HEIGHT	DSB USCG PRODUCT #	DSB MED PRODUCT #
6 person Round	50x20x20" (1260x485x485mm) 42x24x24" (1050x610x610mm)	A 168 lbs (77kg)	118' (36m)	50-00008353	50-00008498
		B 139 lbs (63kg)		Call	Call
8 person Round	50x20x20" (1260x485x485mm) 42x24x24" (1050x610x610mm)	A 176 lbs (80kg)	118' (36m)	50-00009458	Call
		B 139 lbs (63kg)		Call	Call
10 person Round	50x20x20" (1260x485x485mm) 46x23x23" (1156x584x584mm)	A 218 lbs (99kg)	118' (36m)	Call	Call
		B 176 lbs (80kg)		Call	Call
12 person Round	50x20x20" (1260x485x485mm) 46x23x23" (1156x584x584mm)	A 238 lbs (108kg)	118' (36m)	50-00011628	Call
		B 187 lbs (85kg)		Call	Call
16 person Round	52x27x27" (1308x685x685mm) 46x23x23" (1156x584x584mm)	A 306 lbs (139kg)	118' (36m)	50-00041552	50-00041514
		B 223 lbs (102kg)		Call	Call
20 person Round	52x27x27" (1308x685x685mm) 46x23x23" (1156x584x584mm)	A 353 lbs (161kg)	118' (36m)	50-00012671	Call
		B 234 lbs (107kg)		50-00012637	Call
25 person Round	52x27x27" (1308x685x685mm) 52x27x27" (1308x685x685mm)	A 397 lbs (180kg)	118' (36m)	50-00013757	50-00013684
		B 298 lbs (136kg)		Call	Call

The DSB LR07 is an MED approved liferaft that is durable, cost-effective and provides stability, insulation, visibility and ease of stowage. DSB B\* dimensions are not inclusive of cradle. To ensure you are purchasing the correct liferaft for your application, please speak to your customer service representative or sales manager before ordering.





APPROVALS:



SIZE	CONTAINER		A X B X C DIMENSIONS	SOLAS PACK TYPE / WEIGHT		SZ USCG PRODUCT #	SZ TC PRODUCT #	SZ TC EPE PRODUCT #
4 person	Low Profile	MK18 S1	35.5x12.25x25.5" (900x310x646mm)	A	117 lbs (53kg)	D00300019919	DRZ0908	DRZ31111
		MK18 S1	35.5x12.25x25.5" (900x310x646mm)	B	99 lbs (45kg)	Call	DRZ0909	
6 person	Round	MK10 S4	49.5x20x20.5" (1260x485x520mm)	A	168 lbs (76kg)	D00100052519	DRZ0910	DRZ3112
		MK10 S3	45.5x17.25x18.5" (1155x435x470mm)	B	126 lbs (57kg)	Call	DRZ0911	
	Low Profile	MK18 S3	38.75x17.25x26.5" (985x435x670mm)	A	168 lbs (76kg)	D00100020119	DRZ31005	DRZ31170
		MK18 S3	38.75x17.25x26.5" (985x435x670mm)	B	126 lbs (57kg)	Call	DRZ31006	
	Xtrem	N137H	31x14x22" (790x340x555mm)	A	142 lbs (64kg)	DRZ31141	DRZ31173	N/A
		N137	31x11x22" (790x270x555mm)	B	106 lbs (48kg)	Call	Call	
8 person	Round	MK10 S4	49.5x20x20.5" (1260x485x520mm)	A	176 lbs (80kg)	D00100052619	DRZ0912	DRZ3113
		MK10 S3	45.5x17.25x18.5" (1155x435x470mm)	B	126 lbs (57kg)	Call	DRZ0913	
	Low Profile	MK18 S3	38.75x17.25x26.5" (985x435x670mm)	A	190 lbs (86kg)	D00100020319	DRZ31007	DRZ31171
		MK18 S3	38.75x17.25x26.5" (985x435x670mm)	B	137 lbs (62kg)	Call	DRZ31008	
	Xtrem	N138H	34x14x23" (840x340x570mm)	A	164 lbs (74kg)	DRZ31142	DRZ31174	N/A
		N138	34x12x23" (840x294x570mm)	B	126 lbs (57kg)	DRZ31289	Call	
10 person	Round	MK14 S14	45.5x23x25" (1156x584x612mm)	A	218 lbs (99kg)	D00100052719	DRZ0914	DRZ31160
		MK10 S4	49.5x20x20.5" (1260x485x520mm)	B	176 lbs (80kg)	Call	DRZ0915	
	Low Profile	MK16 S2	46.75x12.5x25.5" (1190x315x650mm)	A	223 lbs (101kg)	D00100054919	DRZ31009	DRZ31172
		MK16 S2	46.75x12.5x25.5" (1190x315x650mm)	B	187 lbs (85kg)	Call	DRZ31010	
	Xtrem	N139H	37x14x26" (940x344x640mm)	A	192 lbs (87kg)	DRZ31143	DRZ31175	N/A
		N139	37x13x26" (940x314x640mm)	B	139 lbs (63kg)	Call	Call	
12 person	Round	MK14 S14	45.5x23x25" (1156x584x612mm)	A	238 lbs (108kg)	D00100052919	DRZ31193	DRZ31172
		MK10 S4	49.5x20x20.5" (1260x485x520mm)	B	187 lbs (85kg)	Call	DRZ31227	
	Low Profile	MK16 S2	46.75x12.5x25.5" (1190x315x650mm)	A	243 lbs (110kg)	D00100053919	DRZ31228	DRZ231356
		MK16 S2	46.75x12.5x25.5" (1190x315x650mm)	B	198 lbs (90kg)	Call	DRZ31229	
	Xtrem	N139H	37x14x26" (940x344x640mm)	A	212 lbs (96kg)	DRZ31192	DRZ31196	N/A
		N139	37x13x26" (940x314x640mm)	B	147 lbs (67kg)	Call	Call	
16 person	Round	MK14 S14	45.5x23x25" (1156x584x612mm)	A	317 lbs (144kg)	D00100053019	DRZ0918	DRZ31016
		MK14 S14	45.5x23x25" (1156x584x612mm)	B	223 lbs (101kg)	Call	DRZ0919	
	Low Profile	N136H	46x30x20" (1160x752x505mm)	A	278 lbs (126kg)	D00100053019	DRZ31013	N/A
		N136	46x30x18" (1160x752x445mm)	B	192 lbs (87kg)	Call	DRZ31014	
	Xtrem	N140H	44x15x26" (1100x370x650mm)	A	269 lbs (122kg)	DRZ31145	DRZ31177	N/A
		N140	44x14x26" (1100x340x650mm)	B	190 lbs (86kg)	Call	Call	
20 person	Round	MK14 S17	51.5x27x29" (1308x685x713mm)	A	353 lbs (160kg)	D00100053119	DRZ0920	DRZ31162
		MK14 S14	45.5x23x25" (1156x584x612mm)	B	234 lbs (106kg)	Call	DRZ0921	
	Low Profile	N136H	46x30x20" (1160x752x505mm)	A	318 lbs (144kg)	DRZ31306	Call	N/A
		N136	46x30x18" (1160x752x445mm)	B	211 lbs (95.5kg)	Call	Call	
25 person	Round	MK14 S17	51.5x27x29" (1308x685x713mm)	A	397 lbs (180kg)	D00100025519	DRZ0922	DRZ31206
		MK14 S17	51.5x27x29" (1308x685x713mm)	B	287 lbs (130kg)	Call	DRZ0923	
50 person	Round	N20	62x38x38" (1560x960x952mm)	A	814 lbs (369kg)	DRZ0605P/S	DRZ0949	N/A
		N18	62x33x34" (1560x835x852mm)	B	514 lbs (233kg)	DRZ0606P/S	DRZ0896P/S	
100 person	Round	N29	77x39x42" (1950x975x1050mm)	A	1235 lbs (560kg)	Call	Call	N/A
		N25	68x40x42" (1725x1000x1050mm)	B	948 lbs (430kg)	Call	Call	N/A
150 person	Round	N19	76x45x46" (1930x1120x1150mm)	A	1081 lbs (490kg)	Call	Call	N/A

For proper packing, please indicate launch height from vessel. EPE 30-month extended service interval throw-over liferafts with EC/MED, SOLAS, or TC -only approvals are available. Visit [www.surviteczodiac.com](http://www.surviteczodiac.com) for datasheets and online certifications.



**SURVITEC ZODIAC  
12 PERSON THROW-  
OVER LIFERAFT WITH  
ROUND CONTAINER**



**DBC 6 PERSON  
THROW-OVER  
LIFERAFT WITH LOW  
PROFILE CONTAINER**


**APPROVALS:**





SIZE	CONTAINER	A X B * X C DIMENSIONS	SOLAS PACK TYPE / WEIGHT		DBC USCG PRODUCT #	DBC TC PRODUCT #
4 person	Low Profile Size 2	34x23x13" (870x320x570mm)	A	128 Lbs (58kg)	DFT55002	DFT07002
	Low Profile Size 2	34x23x13" (870x320x570mm)	B	92 Lbs (42kg)	DFT56002	DFT08002
	Round	34x19x19" (870x500x500mm)	A	132 Lbs (60kg)	DFT55102	DFT07102
		34x19x19" (870x500x500mm)	B	112 Lbs (50kg)	DFT56102	DFT08102
6 person	Low Profile Size 3	34x23x16" (870x410x570mm)	A	145 Lbs (66kg)	DFT55014	DFT07016
	Low Profile Size 3	34x23x16" (870x410x570mm)	B	121 Lbs (55kg)	DFT56016	DFT08016
	Round	40x19x19" (1020x500x500mm)	A	156 Lbs (71kg)	DFT55116	DFT07116
		40x19x19" (1020x500x500mm)	B	128 Lbs (58kg)	DFT56116	DFT08116
8 person	Low Profile Size 4	35x25x17" (890x430x625mm)	A	178 Lbs (81kg)	DFT55034	DFT07020
	Low Profile Size 3	35x23x16" (870x410x570mm)	B	144 Lbs (65kg)	DFT56020	DFT08020
	Round	41x23x23" (1040x580x580mm)	A	188 Lbs (85kg)	DFT55120	DFT07120
		41x23x23" (1040x580x580mm)	B	154 Lbs (70kg)	DFT56120	DFT08120
10 person	Round	45x26x26" (1140x660x660mm)	A	211 Lbs (96kg)	DFT55134	DFT05134
		45x26x26" (1140x660x660mm)	B	167 Lbs (76kg)	DFT56134	DFT06134
16 person	Round	49x27x27" (1250x690x690mm)	A	332 Lbs (151kg)	DFT55152	DFT05152
		49x27x27" (1250x690x690mm)	B	264 Lbs (120kg)	DFT56152	DFT06152
25 person	Round	54x29x29" (1370x740x740mm)	A	389 Lbs (176kg)	DFT55170	DFT05170
		54x29x29" (1370x740x740mm)	B	289 Lbs (131kg)	DFT56170	DFT06170
50 person	Round	61x31x31" (1550x780x780mm)	A	659 Lbs (299kg)	DFT55184	DFT05184
		61x31x31" (1550x780x780mm)	B	455 Lbs (206kg)	DFT56184	DFT06184

\* B dimensions (height) are not inclusive of cradle. For proper packing, please indicate launch height from vessel. DBC products are constructed of butyl fabric, hand-crafted in Canada with specialized epoxy adhesive technology. To ensure you are purchasing the correct liferaft for your application, please speak to your customer service representative or sales manager before ordering. Visit [www.dbcmarine.com](http://www.dbcmarine.com) for datasheets and online certifications.

## DAVIT-LAUNCH LIFERAFTS

Liferafts are designed to be deployed on a davit and have all passengers boarded before being safely lowered to the water

Davit-launch liferafts are manufactured to the highest quality standards from polyurethane (PU) coated nylon, ensuring the durability of the liferaft with weight and structure allowing for easy servicing

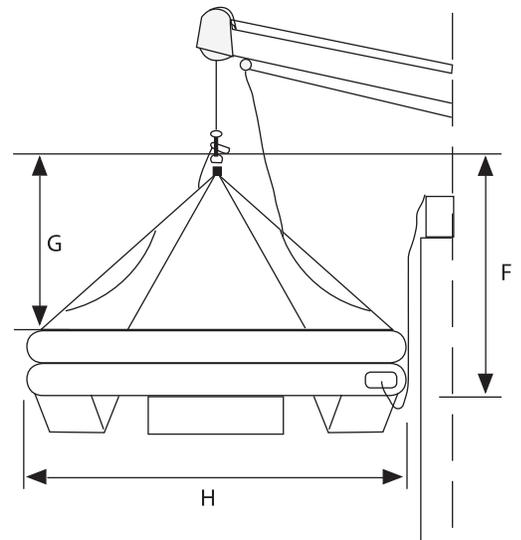
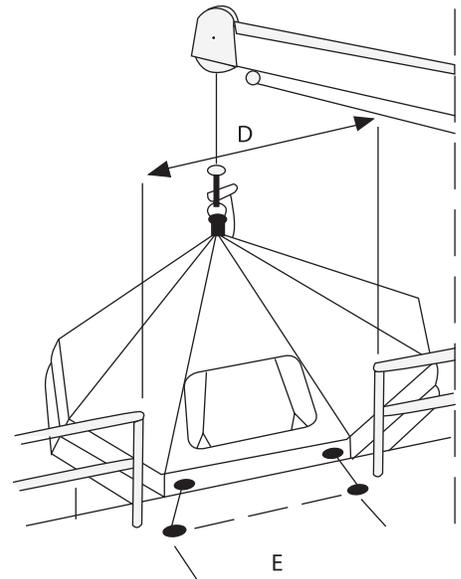
Submitted to 4 times overload test and fully loaded 10 foot drop test, side impact and abrasion test

Features include a fully enclosed, double-skinned, high visibility canopy complete with SOLAS-grade reflective tape, non-inflatable easy access boarding ramp, high volume water pockets to ensure maximum stability when inflated, canopy fitted with LED light ensuring maximum visibility, and a fully insulated floor to ensure maximum thermal protection

Stowed in round cylindrical GRP containers designed to suit most deck spaces and providing quick access to the lifting bridle

Equipment pack is sealed in a strong water-resistant bag and secured to the internal safety line of the liferaft

Liferafts come packed in containers with hydrostatic release unit (HRU) assembly, lashing and cradle for U.S. product only



**DIMENSIONS ARE LISTED IN  
UNITED STATES CUSTOMARY UNITS  
ROUNDED UP TO NEAREST INCH**



SIZE	A X B X C DIMENSIONS	SOLAS PACK TYPE AND WEIGHT	D X E X F X G X H DIMENSIONS	ELLIOT PRODUCT #	CREWSAVER PRODUCT #	SSP PRODUCT #	NEW WAVE GUARDIAN PRODUCT #
12 person	55x28x23"	A 251 lbs	63x39x75x51x113"	50-00200019605	Call	Call	Call
	55x26x21"	B 208 lbs	63x39x75x51x113"	Call	Call	Call	Call
16 person	61x28x23"	A 306 lbs	67x39x82x56x129"	50-00200021605	Call	Call	Call
	61x26x21"	B 247 lbs	67x39x82x56x129"	Call	Call	Call	Call
20 person	64x30x25"	A 353 lbs	71x39x82x55x160"	50-00200020205	Call	Call	Call
	64x28x23"	B 265 lbs	71x39x82x55x160"	Call	Call	Call	Call
25 person	64x30x25"	A 406 lbs	71x39x90x61x160"	50-00013629E	Call	Call	Call
	64x28x23"	B 318 lbs	71x39x90x61x160"	Call	Call	Call	Call

For proper packing, please indicate stowage height of 18m or 36m for 6-20 person sizes and 18m, 36m or 46m for 25 person D/L/T/O.

SIZE	A X B X C DIMS	WEIGHT	D X E X F X G X H DIMENSIONS	RFD PRODUCT #
12 person	Call	Call	Call	Call
16 person	Call	Call	Call	Call
20 person	64x28x23"	353 lbs	71x39x82x55x160"	Call
25 person	64x28x23"	406 lbs	71x39x90x61x160"	50-00200013601

SIZE	A X B X C DIMS	WEIGHT	DSB USCG PRODUCT #	DSB MED PRODUCT #
12 person	50x19x19"	249 lbs	00011629	Call
16 person	52x27x27"	311 lbs	00041553	Call
20 person	52x27x27"	359 lbs	50-00012638	50-00012638
25 person	52x27x27"	408 lbs	50-00200027102	Call

SIZE / ROUND CONTAINER TYPE	A X B X C DIMENSIONS	SOLAS PACK TYPE / WEIGHT	DROP HEIGHT	SZ USCG PRODUCT #	SZ TC PRODUCT #
8 person	N13B	Call	118' (36m)	Call	Call
	N12B	Call		Call	Call
12 person	MK14 S14	45.5x23x25" (1156x584x612mm)	118' (36m)	D00200054119	DRZ0966
	MK14 S14	45.5x23x25" (1156x584x612mm)		Call	DRZ0967
16 person	MK14 S14	45.5x23x25" (1156x584x612mm)	118' (36m)	D00200053219	DRZ0968
	MK14 S14	45.5x23x25" (1156x584x612mm)		Call	DRZ0969
20 person	MK14 S17	51.5x27x29" (1308x685x713mm)	118' (36m)	D00200054219	DRZ0972
	MK14 S17	51.5x27x29" (1308x685x713mm)		Call	DRZ0973
25 person	MK14 S17	51.5x27x29" (1308x685x713mm)	118' (36m)	D00200051519	DRZ0924
	MK14 S17	51.5x27x29" (1308x685x713mm)		Call	DRZ0925
37 person	N17B	60x38x38" (1500x945x950mm)	118' (36m)	DRZ0445	DRZ0929
	N16B	58x30x32" (1450x740x800mm)		DRZ0604	DRZ0974



## SELF-RIGHTING LIFERAFTS

Utilizing the same Thermobonding™ hot assembly technique manufacturing quality as the standard SurvitecZodiac throw-over and davit-launch liferafts, the self-righting models integrate a unique righting design

The design causes the liferaft to rotate into the correct position for boarding, regardless of how it inflates in the water after deployment from its container

Liferafts come packed in containers with hydrostatic release unit (HRU) assembly, lashing and cradle for U.S. product only



SIZE	LIFERAFT TYPE	CONTAINER TYPE	A X B X C DIMENSIONS	SOLAS PACK TYPE / WEIGHT	SZ USCG PRODUCT #	SZ TC PRODUCT #	
6 person	Self-Righting Throw-over	Round	N12	46x22x23" (1160x513x560mm)	A 159 lbs (72kg)	Call	Call
			N12	46x22x23" (1160x513x560mm)	B 128 lbs (58kg)	Call	Call
	Self-Righting Throw-over	Low Profile	N133	37x15x23" (924x359x574mm)	A 159 lbs (72kg)	Call	Call
			N132	36x14x21" (890x333x520mm)	B 122 lbs (55kg)	Call	Call
8 person	Self-Righting Throw-over	Round	N12	46x22x23" (1160x513x560mm)	A 195 lbs (88kg)	Call	Call
			N12	46x22x23" (1160x513x560mm)	B 153 lbs (69kg)	Call	Call
12 person	Self-Righting Throw-over	Round	N13	52x24x25" (1275x590x610mm)	A 252 lbs (114kg)	Call	Call
			N12	46x22x23" (1160x513x560mm)	B 181 lbs (82kg)	Call	Call
25 person	Self-Righting Davit-Launch	Round	N16B	58x30x32" (1450x740x800mm)	A 486 lbs (220kg)	Call	DRZ0601
			N22B	61x35x34" (1530x880x845mm)	B 353 lbs (160kg)	Call	DRZ0609
37 person	Self-Righting Throw-over	Round	N17	60x38x38" (1500x945x950mm)	A 688 lbs (312kg)	Call	DRZ0949
			N16	58x30x32" (1450x740x800mm)	B 490 lbs (222kg)	Call	DRZ0951
	Self-Righting Davit-Launch	Round	N17B	60x38x38" (1500x945x950mm)	A 728 lbs (330kg)	Call	DRZ0953
			N18B	62x33x34" (1560x835x850mm)	B 508 lbs (230kg)	Call	DRZ0955
50 person	Self-Righting Throw-over	Round	N20	62x38x38" (1560x960x952mm)	A 794 lbs (360kg)	Call	Call
			N18	62x33x34" (1560x835x852mm)	B 543 lbs (246kg)	Call	Call
150 person	Self-Righting Throw-over	Round	N24	132x45x46" (3340x1135x1150mm)	A 2866 lbs (1300kg)	Call	Call
			N23	132x41x42" (3340x1035x1050mm)	B 1941 lbs (880kg)	Call	Call

For proper packing, please indicate launch height from vessel. Visit [www.surviteczodiac.com](http://www.surviteczodiac.com) for datasheets and online certifications.

## COASTAL LIFERAFTS

Survitec Group USCG-approved coastal liferafts benefit from high frequency welding and polyurethane proofed nylon fabric material to produce a higher quality, longer lasting liferaft than those produced from rubber-based fabrics with glued seams

In addition to USCG approval, some products in all brands are also TC-approved

All our coastal liferafts offer double buoyancy chambers, manufactured from a specially formulated polyurethane (PU) proofed nylon fabric, which is highly resistant to abrasion and impervious to corrosion in the marine environment

Liferafts come packed in containers with hydrostatic release unit (HRU) assembly, lashing and cradle for U.S. product only

Coastal liferafts of all sizes may be packed in either a streamlined low profile container or a lightweight, durable valise which makes it easy to launch the liferaft overboard



### COASTAL LIFERAFT STANDARD EQUIPMENT PACK



Pack includes compact paddles, safety knife, bailers, hand pump, sponges, sea anchor, signal mirrors and more

### COASTAL LIFERAFT LOW PROFILE CONTAINERS



### COASTAL LIFERAFT VALISE CONTAINERS





APPROVALS: 



SIZE	CONTAINER TYPE	A X B X C DIMENSIONS	WEIGHT	ELLIOT PRODUCT #	CREWSAVER PRODUCT #	SSP PRODUCT #
4 Person	Low Profile	34x21x12"	80 lbs	50-00300015705	50-00300015704	50-00300015708
	Valise	31x18x13"	69 lbs	50-00300026205	50-00300026204	50-00300026208
6 Person	Low Profile	34x21x14"	104 lbs	50-00300015805	50-00300015804	50-00700008708
	Valise	31x20x15"	90 lbs	50-00300028605	50-00300028604	50-00300028608
8 Person	Low Profile	34x21x14"	116 lbs	50-00300024805	50-00300024804	50-00300024808
	Valise	31x20x15"	102 lbs	50-00700007405	Call	50-00300032108



APPROVALS: 



SIZE	CONTAINER TYPE	A X B X C DIMENSIONS	WEIGHT	SZ USCG PRODUCT #	SZ TC PRODUCT #
4 Person	Low Profile	MK12 S2 33.75x11.75x21" (860x300x510mm)	79 lbs (36kg)	D00300019919	DRZ35007
	Valise	Size 2 30.75x13.5x13" (780x340x330mm)	68 lbs (31kg)	D00300026219	DRZ35014
4 Person EPE	Low Profile	N131 32x13x18" (810x330x440mm)	82 lbs (37kg)	N/A	DRZ35004
6 Person	Low Profile	MK12 S3 33.75x13.75x21" (860x350x510mm)	99 lbs (45kg)	D00300015819	DRZ35008
	Valise	Size 3A 30.75x17.25x18" (780x435x455mm)	84 lbs (38kg)	D00300028619	DRZ35015
6 Person EPE	Low Profile	N131 32x13x18" (810x330x440mm)	84 lbs (38kg)	N/A	DRZ35005
8 Person	Low Profile	MK12 S3 33.75x13.75x21" (860x350x510mm)	104 lbs (47kg)	D00300024819	DRZ35009
	Valise	Size 4 30.75x21x18.5" (780x510x470mm)	90 lbs (41kg)	D00300055819	DRZ35016
8 Person EPE	Low Profile	N132 36x13x18" (890x330x440mm)	111 lbs (50kg)	N/A	DRZ35006

EPE 30-month extended service interval coastal liferafts with Transport Canada (TC) -only approvals are available. Please contact Survitec Group if you need any additional information.



APPROVALS: 



SIZE	CONTAINER TYPE	A X B X C DIMENSIONS	WEIGHT	DBC USCG PRODUCT #	DBC TC PRODUCT #
4 Person	Low Profile	34x13x23" (870x320x570mm)	94 lbs (43kg)	DCS01504	DCS03006
	Valise	30x12x13" (760x300x330mm)	69 lbs (31kg)	DCS01016	DCS03106
6 Person	Low Profile	34x13x23" (870x320x570mm)	103 lbs (47kg)	DCS01516	DCS03012
	Valise	33x14x16" (840x360x410mm)	74 lbs (34kg)	DCS02022	DCS03112
8 Person	Low Profile	34x16x23" (870x410x570mm)	121 lbs (55kg)	DCS01528	DCS03018
	Valise	36x16x18" (910x410x460mm)	83 lbs (38kg)	DCS02036	DCS03118

DBC products are constructed of butyl fabric, hand-crafted in Canada with specialized epoxy adhesive technology.

## INFLATABLE BUOYANT APPARATUS (IBA)

Survitec Group offers a range of USCG-approved or TC-approved IBA liferafts

IBAs are comprised of double buoyancy chambers, a barrier floor and applicable government-specified emergency equipment pack

Buoyancy chambers are constructed from specially formulated polyurethane (PU) proofed nylon fabric, which is highly resistant to abrasion and impervious to corrosion in the marine environment

IBAs are designed and certified for passenger and/or commercial fishing vessels operating in protected or in-shore waters

Sizes range from 4-151 person capacities with container options of valise, low profile container or round container depending on model

Venturi inflation technology is available in some sizes of liferaft, allowing (A) compressed air to enter the inflation chamber through small nozzles at high velocity, then (B) the air stream creates a vacuum that induces the air from outside enabling it to achieve unparalleled inflation speed, so that (C) the amplified airflow leaves the exit point, and this allows the product to use less CO2 cylinders, resulting in a smaller and a lighter weight product, and potential lower servicing costs due to less hydro and refill requirements

### 4, 6, 8 PERSON SIZE IBA AVAILABLE IN LPC OR VALISE CONTAINER



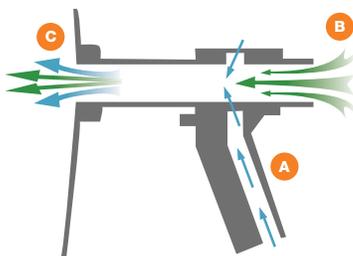
### 10, 20 PERSON SIZE IBA AVAILABLE IN LPC OR ROUND CONTAINER



### 30, 50 PERSON SIZE IBA AVAILABLE IN LPC OR ROUND CONTAINER



### 100, 151 PERSON SIZE IBA AVAILABLE IN ROUND CONTAINER



VENTURI INFLATION TECHNOLOGY DIAGRAM





APPROVALS:



SIZE	CONTAINER TYPE	A X B X C DIMENSIONS	WEIGHT	ELLIOT PRODUCT #	CREWSAVER PRODUCT #	SSP PRODUCT #	SZ USCG PRODUCT #	SZ TC PRODUCT #
4 Person	Valise	30.7x13.4x13" (780x340x330mm)	58.6 lbs (26.6kg)	50-00700006005	50-00700006004	50-00700006008	D00700006019	Call
	Low Profile	33.9x9.8x20.1" (860x250x510mm)	70.5 lbs (32kg)	50-00700005105	00700005104	50-00700005108	D00700005119	Call
6 Person	Valise	30.7x14.2x16.5" (780x360x420mm)	70.1 lbs (31.8kg)	50-00700005905	50-00700005904	50-00700005908	D00700005919	Call
	Low Profile	33.9x11.8x20.1" (860x300x510mm)	82.7 lbs (37.5kg)	50-00700005005	00700005004	50-00700005008	D00700005019	Call
8 Person	Valise	30.7x14.2x16.5" (780x360x420mm)	76.9 lbs (34.9kg)	50-00700005805	50-00700005804	50-00700005808	D00700005819	Call
	Low Profile	33.9x11.8x20.1" (860x300x510mm)	87.1 lbs (39.5kg)	50-00700004905	00700004904	50-00700004908	D00700004919	Call
10 Person	Round	40.2x17.4x18.8" (1020x440x476mm)	102 lbs (46kg)	50-DRZ1593ELL	Call	50-DRZ33026SSP	DRZ1593	Call
	Low Profile	35.1x12.5x20.5" (890x315x520mm)	102 lbs (46kg)	50-DRZ33026ELL	Call	50-DRZ1593SSP	DRZ33026	Call
20 Person	Round	45.7x20.2x22.1" (1160x513x560mm)	168 lbs (76kg)	50-DRZ1594ELL	00800035904	50-DRZ33027SSP	DRZ1594	Call
	Low Profile	38x15x23.5" (965x380x596mm)	166 lbs (75kg)	50-DRZ33027ELL	Call	50-DRZ1594SSP	DRZ33027	Call
30 Person	Round	54.7x21.5x22.2" (1390x545x565mm)	266.8 lbs (121kg)	50-00800035705	DRZ0576CRW	50-00800037408	D00800035719	Call
	Low Profile	47.2x16.3x25.6" (1200x415x650mm)	273.4 lbs (124kg)	50-00800037405	00800037404	50-00800035708	D00800037419	Call
50 Person	Round	51.5x27x28.1" (1308x685x713mm)	385.8 lbs (175kg)	50-00800041905	00800041904	50-00800041008	D00800041919	Call
	Low Profile	60.2x15x30.3" (1530x380x770mm)	390.2 lbs (177kg)	50-00800041005	00800041004	50-00800029208	D00800041019	Call
100 Person	Round (two 50 person)	66.5x29.9x30.5" (1690x760x775mm)	747.4 lbs (339kg)	50-00800035905	00800035904	50-00800035908	D00800035919	Call
	Round (single 100 person)	61.4x32.9x33.6" (1560x835x852mm)	666 lbs (302kg)	50-DRZ0576ELL	DRZ0576CRW	50-DRZ0576SSP	DRZ0576	Call
	Venturi (single 100 person)	57.1x29.2x31.5" (1450x740x800mm)	452 lbs (205kg)	50-DRZ33117ELL	DRZ33117CRW	DRZ33117SSP	DRZ33117	Call
151 Person	Venturi	61.5x37.8x37.5" (1560x960x952mm)	792 lbs (359kg)	50-DRZ33118ELL	DRZ33118CRW	DRZ33118SSP	DRZ33118	Call

**OPTIONAL ROLL-OFF CRADLES ARE AVAILABLE FOR SINGLE, DOUBLE AND TRIPLE CONTAINER MOUNTING/STORAGE**



**IBA LIFERAFT STANDARD EQUIPMENT PACK**



Pack includes compact paddles, safety knife, bailers, hand pump, sponges, sea anchor, signal mirrors and more

## MEANS OF RESCUE (MOR)

Unique design is fully approved and was specially developed to meet the latest requirements of the Roll on/Roll off passenger ships

These are now mandatory on RO/RO passenger ships as they provide a safe transfer of survivors from sea level to the deck of a ship in recovery situations

Manufactured with a durable polyurethane (PU) coated fabric and assembled using the advanced SurvitecZodiac Thermobonding™ hot assembly technique, which eliminates the inconsistencies inherent in gluing methods

The fabric's chemical nature and the Thermobonding™ process make MOR units especially inert to the aging factors in the Marine environment

Provides extreme strength and safety when loaded

Supplied in a light, short sized, distinctive orange color round container with hydrostatic release unit (HRU) assembly, lashing and cradle for U.S. product only



SIZE	CONTAINER TYPE		A X B X C DIMENSIONS	WEIGHT	PRODUCT #
10 Person	Round	N13B	52x24x25" (1275x590x610mm)	325 lbs (147kg)	DRZ0081

Visit [www.surviteczodiac.com](http://www.surviteczodiac.com) for datasheets and online certifications.

## LIFERAFT DECELERATING SYSTEM



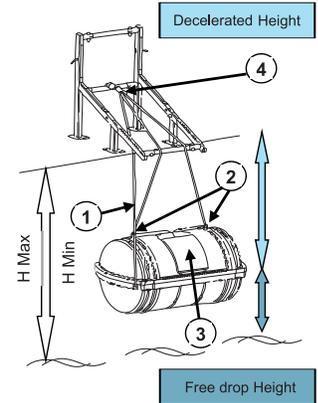
Designed for extreme height storage of throw-over liferafts packed in round containers on a tilting or fixed cradle such as those fitted on oil rigs

This system allows the stowage height to be increased over the standard approved stowage height by controlling the descent speed of the liferaft during the major part of its fall and reducing the impact of the liferaft on the water

Deck installation of the decelerating system is simple, with operation similar to conventional throw-over liferafts and no special training needed for the crew to launch

The system consists of a pocket (#3 in diagram); 2 "U" bolts (#2 in diagram) fitted onto the upper shell of the container; a suitable length painter line for the drop distance (#1 in diagram), where the loose end of the decelerating system and painter line are connected to the HRU (#4 in diagram)

Compatible liferafts fitted with a decelerating system are MED approved up to a 50 meter installation height



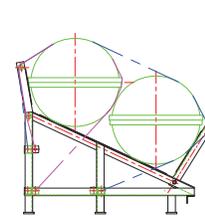
## LIFERAFT ROLL-OFF CRADLE



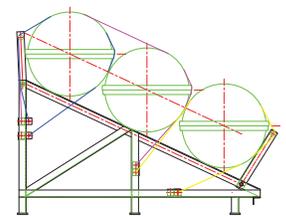
The cradle is welded steel construction and hot dip galvanized to maximize corrosion resistance, and all fastenings are made of stainless steel

Single, double and triple liferaft roll-off cradles are designed to accommodate round containers for 6-50 person liferafts and 100 person IBAs with each individually released manually or by HRU

Contact your Sales Manager for specifications, pricing and availability



**DOUBLE LIFERAFT ROLL-OFF CRADLE**



**TRIPLE LIFERAFT ROLL-OFF CRADLE**

## DAVIT-LAUNCH STACKING CRADLE



Designed for both shipyards and operators, providing a complete set of these liferafts with reduced operation for deck installation

Liferafts are delivered completely fitted with lashing, HRU and painters connected

They are set up on a galvanized steel cradle either as a single liferaft or a set of 2 liferafts



SIZE / TYPE	MOUNT / CONTAINER	A X B X C DIMENSIONS	SOLAS PACK TYPE / WEIGHT	PRODUCT #
25 person Davit-Launch	Single	N16B 58x30x32" (1450x740x800mm)	A 486 lbs (220kg)	Call
		N22B 61x35x34" (1530x880x845mm)	B 353 lbs (160kg)	Call
	Double	N16B 58x30x32" (1450x740x800mm)	A 971 lbs (440kg)	Call
		N22B 61x35x34" (1530x880x845mm)	B 706 lbs (320kg)	Call
37 person Davit-Launch	Single	N17B 60x38x38" (1500x945x950mm)	A 728 lbs (330kg)	Call
		N18B 62x33x34" (1560x835x850mm)	B 508 lbs (230kg)	Call
	Double	N17B 60x38x38" (1500x945x950mm)	A 1456 lbs (660kg)	Call
		N18B 62x33x34" (1560x835x850mm)	B 1016 lbs (460kg)	Call
37 person Self-righting Davit-Launch	Single	N18B 62x33x34" (1560x835x850mm)	B 508 lbs (230kg)	Call
	Double	N18B 62x33x34" (1560x835x850mm)	B 1016 lbs (460kg)	Call



**INSTALLATION ON DECK ONLY REQUIRES THE WELDING OF 2 STEEL HINGES**

**DELIVERED PREFITTED ON THE DECK CRADLE, THE LIFERAFTS BECOME EASILY PORTABLE DURING INSTALLATION OR REMOVAL FOR SERVICING BY EITHER A PALLET JACK OR FORKLIFT**



**MRRS**

Manual Remote Release Systems (MRRS) are designed to release liferafts, evacuation systems and other life-saving equipment on vessels of all types, with a maximum installation distance of 50 meters in length

Survival craft may be positioned in remote locations to save valuable deck space for passengers or cargo, and releasing them can be initiated from the bridge or other strategic locations to save precious time in an emergency

Release mechanism can be deployed irrespective of factors such as weather, smoke or fire, without the crew having to take any unnecessary risks

Initiation is achieved by means of a manually operated vacuum pump, that conveys the vacuum via stainless steel tubing to a release unit, which when activated a sharp knife blade cuts the rope sling holding the lifesaving equipment to be released

The MRRS may be retrofitted and vacuum pumps can be connected in parallel to give multiple control positions

All systems require a minimum of maintenance and annual service, in which the system's function is checked once a year, then a new release unit is installed every two years after disposal of the old one

The whole installation is weatherproof and designed for a harsh marine environment



**NEW!**

**STANDARD MRRS CONSISTS OF (1) VACUUM PUMP WITH NON-RETURN VALVE, STAINLESS STEEL TUBING FOR UP TO 50 METER LENGTH INSTALLATIONS, (1) U-CONSOLE AND (1) MRU**

**COMMON OUTPUT CONFIGURATIONS ARE SHOWN BELOW BUT SET-UPS ARE FULLY CUSTOMIZABLE**



**HM-0300**



**HC-0200**



**HC-0207**



**HC-0213**



**HC-0214**



**HC-0219**

**ERRS**

Electric Remote Release Systems (ERRS) are designed to release liferafts, evacuation systems and other life-saving equipment on vessels of all types, with a maximum installation distance of 50 meters in length

These units can activate H2O ERU (Electric Remote Unit) or relay outputs (depending on configuration) and may be operated from several remote release positions by adding one or more remote push buttons

That makes the ERRS an extremely flexible system for the management and deployment of safety equipment on a vessel

ERRS (excluding ERRS BO) is powered by the vessel's 24 VDC emergency power supply, and most are also equipped with a back-up battery to enable operation if the main power supply is down

Most ERRS automatically perform system checks and monitor internal battery, emergency power voltage, ERU circuits and the wiring to external activation switches so that if an error is detected, an alarm message will appear on a display or on the LED indicator (depending on unit) and an alarm output is activated

The systems are designed to be user friendly, require a minimum of maintenance and easy to install, even for retrofit

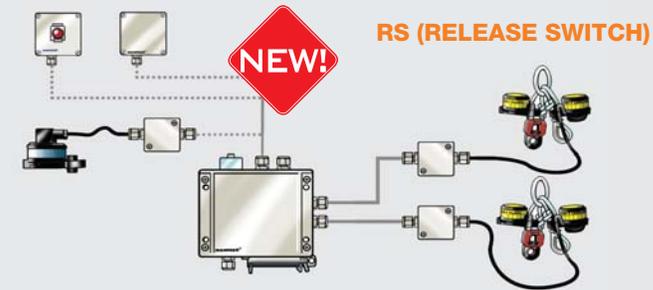


**CONTROL PANELS CAN BE INTEGRATED INTO YOUR ERRS AND ALL SET-UPS ARE FULLY CUSTOMIZABLE TO MEET YOUR VESSEL'S UNIQUE REQUIREMENTS**

**A SAMPLE OF SYSTEM CONCEPTS ARE SHOWN HERE, BUT ADDITIONAL COMPONENTS AND OPTIONS ARE AVAILABLE**

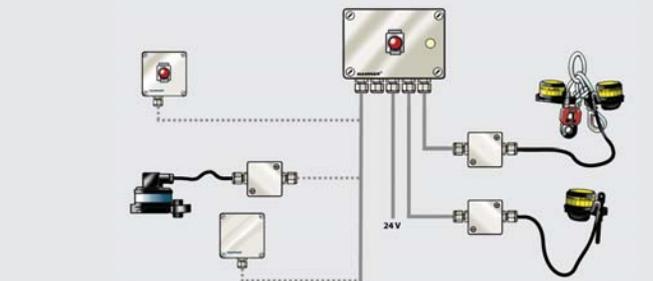


**RS (RELEASE SWITCH)**



**NEW!**

**BO (BATTERY OPERATED)**



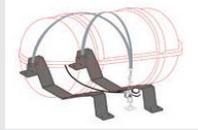
**IAD (LIST ANGLE DETECTION)**



Most brands of commercial liferafts from Survitec Group are sold packed in their container with a universal cradle kit (shown above) and HRU. If you would like to order a MKIV cradle without a liferaft, for one of the brands shown below, please contact your Sales Manager for details and use the listed product #.



## LIFERAFT CRADLES



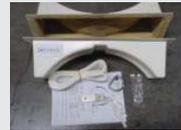
**SZ UNIVERSAL GALVANIZED STEEL CRADLE**



**SZ STAINLESS STEEL CRADLE**



**SZ ALUMINUM LPC CRADLE**



**SZ WHITE FIBERGLASS ROUND CONTAINER CRADLE**



## LIFERAFT CRADLES



**DBC 4 PERSON IBA CRADLE**



**DBC ALUMINUM DECK CRADLE C/W LASHINGS**



**DBC STAINLESS STEEL DECK CRADLE C/W LASHINGS**

## HAMMAR

### H2O HRU



Hydrostatic release unit has glass fiber-reinforced nylon connection with 2 year usable life from date of installation



PRODUCT	COMPATIBILITY	PRODUCT #
Universal Cradle Kit	All brands of Mark IV size 6-50 liferafts in round/barrel containers	40-52639001
Welded Universal Cradle	Legacy cradle for liferafts in MK10 size 4, 6, 7, 9 round containers	5RA1476-1
Hammar H2O HRU	All brands and sizes of liferafts from Sharon Center	40-H2O-06365009
	All brands and sizes of liferafts from Vancouver	DRE01002
SurvitecZodiac Universal Galvanized Steel Cradle	All SurvitecZodiac round Containers, excluding 37 person davit-launch, 50 person throw-over and 100 person IBA	DCR52639001
SurvitecZodiac Stainless Steel Cradle	All brands and sizes of GRP LPC	DRZ5803
SurvitecZodiac Aluminum Cradle for Low Profile Containers (LPC)	4, 6 person Coastal liferaft and 4,6 person IBA LPC	DRZ03501
	4 person A/B and 6 person B	DRZ03504
	8 person Coastal and 10 person IBA	DRZ03508
	6 person A and 8 person B, 12 person B and 20 person IBA	DRZ03502
	8 person A and 10 person A/B, 12 person A and 30 person IBA	DRZ03503
SurvitecZodiac Aluminum Cradle for Round Containers	16 person A/B, 20 person A/B and 2009 Vintage 12 person A/B	DRZ03500
	50 person throw-over and 100 person IBA	DRZ03416
SurvitecZodiac White Fiberglass Round Container Cradle	All round containers except 50 person TO and 100 person IBA	DRZ5804
	6 person A/B, 8 person A/B and 10 person B	DRZ5852
	10 person A, 12 person B and 16 person B	DRZ5867
	12 person A, 16 person A, 20 person B and 25 person B	DRZ5862
DBC Cradle	20 person A	DRZ5853
	4 person IBA	DCR09103
	Container size 1	DCR09116
DBC Aluminum Deck Cradle complete with Lashings	Container size 2	DCR09124
	Container size 3	DCR09128
	Container size 4	DCR09132
	Container size 1	DCR09137
DBC Stainless Steel Deck Cradle complete with Lashings	Container size 2	DCR09143
	Seafort size 3	DCR09146
	Seafort size 4	DCR09149

## LOW FREEBOARD MES (UP TO 3.8M) SMALL INFLATABLE SLIDE (SIS)

The SIS Marine Evacuation System consists of a mini slide and liferaft/IBA

The slide is stored in an individual bag near the evacuation station

The liferaft is stored in its round container, generally on a different deck

Suitable for vessels with 1.5 to 3.8 meter freeboard

SOLAS Approved for use on IMO HSC as well as small passenger vessels

The liferafts are launched remotely, inflated and boused into position using either manual or automatic electric winches

A mini slide is then inflated and deployed into the liferaft

Evacuees depart the vessel down the slide and into the liferaft



### DEMONSTRATION OF SIS DEPLOYMENT SEQUENCE



#### PNEUMATIC RELEASE SYSTEM



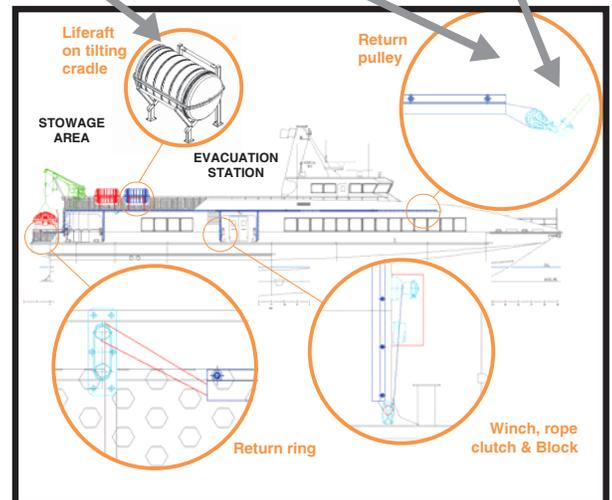
#### ELECTRIC RELEASE SYSTEM



#### ROUND CONTAINERS WITH LIGHTWEIGHT RAFT



#### BOWSING ARRANGEMENT





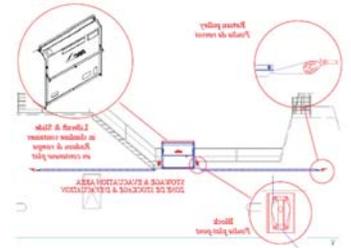
### LOW FREEBOARD MES (UP TO 3.8M) EVACUATION SLIDE SYSTEM (ESS)

The Evacuation Slide System is a 50-151 person capacity IBA packed together with a mini slide in a unique stowage container which is integrated into the ship's bulwark or side rails

When deployment is initiated the IBA inflates, and the mini slide is automatically inflated into the IBA

Once inflated, the IBA is bowsed to the ship's side and is then ready for the evacuation to commence

The ESS is handicap accessible for physically disabled persons and suitable for small passenger vessels with 1.5 to 3.8 meter freeboard where weight is an important consideration



### LOW FREEBOARD MES (UP TO 3.8M) EVACUATION SLIDE SYSTEM (ESS)

To operate, the Captain presses the button of the remote release unit and the ERU is activated to release the lashing, and this initiates the inflation of the airbag which pushes the box overboard

The platform and slide inflate automatically at the drop and the winches start 15 seconds after the button has been pressed, and stop when the bowsing lines are in tension with 100 kg load

The first passenger or crew member removes the door locking pin and pushes the door open; evacuation starts

The SurvitecZodiac version of ESS offers an optional automatic deployment system, in which the captain has a control box unit located in the wheelhouse for each system installed on the vessel.



### LOW FREEBOARD MES (UP TO 7.0M) MARIN ARK 109 SOLAS

Fully reversible, ensuring the system inflates upright each and every time

Designed for open deck and between deck evacuations

Multiple slide configurations available to suit lower freeboard heights up to 23 feet

Smaller operators want the peace of mind of knowing they too have the safest and most effective evacuation system on board. The RFD Marin Ark 109 is the logical choice for smaller numbers of passengers at lower freeboards.

Using one RFD Marin Ark liferaft together with a slide, the RFD Marin Ark 109 MES can be launched, inflated and bowsed in 145 seconds with a capacity to evacuate 109 passengers in 15 minutes. The versatility of the liferaft design allows for deployment without a slide for very low embarkation heights, or together with two alternative slide configurations for freeboard heights up to 23 feet.





### LOW FREEBOARD MES (UP TO 4.0M) EVACUATION SLIDE SYSTEM (ESS)

Suitable for vessels with 1.0 to 4.0 meter freeboard and approved for use on IMO High Speed Craft as well as small passenger vessels

Compatible with IBA/ORIL/Platform Liferaft capacities of 50-300 persons and self-righting Liferaft (with canopy) capacities of 100-450 persons

Refit is easy and provides complete flexibility for use of the slide and liferafts with 20% list

The Brude MES Slide System is designed for HSC catamarans and ferries, with capacity ranging from 50 to 450 persons on one slide. The slide is activated and manned manually, and all operations can be carried out by a single crewmember. The components of the system include the evacuation slide and mooring system.



### MEDIUM FREEBOARD MES (UP TO 19.0M) MES CHUTE

Suitable for vessels with 3.0 to 19.0 meter freeboard and approved for use on IMO High Speed Craft as well as small passenger vessels

Compatible with IBA/ORIL/Platform Liferaft capacities of 100-300 persons and Self-righting Liferaft (with canopy) capacities of 150-450 persons

Refit is easy and provides complete flexibility for use of the slide and liferafts with 20% list

The Brude MES Chute System is designed to allow an efficient and safe evacuation of passengers on vessels in sea area up to D. The slide is activated and manned manually, and all operations can be carried out by a single crewmember. The components of the system include the evacuation chute and mooring system.



**MEDIUM FREEBOARD MES (UP TO 12.5M)  
MEDIUM INFLATABLE SLIDE (MIS)**

MIS can evacuate 731 persons in 30 minutes for SOLAS passenger ship requirements, and 397 persons in 17min 40sec for High Speed Code (HSC) requirements

4 slide lengths to cover vessel freeboard heights up to 12.5 meters

Range of liferafts (throw-over self-righting, throw-over or IBA) large capacity equipped with Venturi aspirators (using fewer gas cylinders and saving significant weight)

Approved via heavy weather sea trials, with Beaufort 6 wind conditions and minimum 3 meters significant waves

Allows for flexible installation in closed deck and open deck vessels, with electric remote release system which automatically performs a complete system test and a float-free system operates before the water reaches the evacuation deck

Reduced crew requirements for operation and easy to operate, featuring push-button system deployment and detachment of slide from raft

Simple and quick to install and re-install after service

Additional liferafts stored close to slide location in separate cradles

The MIS system is a twin track inflatable slide system available for freeboard heights up to 12.5 meters. It deploys at a right angle to the vessel and the slide is packed together with either a 100/150 person liferaft or two 100/151 person IBAs. This allows the liferaft/IBA to be available immediately for boarding after it is deployed and bowsed. Additional liferafts/IBAs are available to be bowsed to the primary system, depending on vessel capacity required.

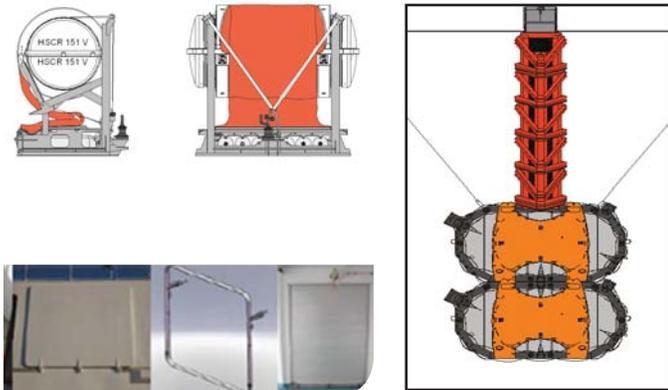


**DEPLOYMENT  
PANEL FOR  
ACTIVATING MIS  
SYSTEM FROM  
EVACUATION  
STATION OR  
VESSEL BRIDGE**

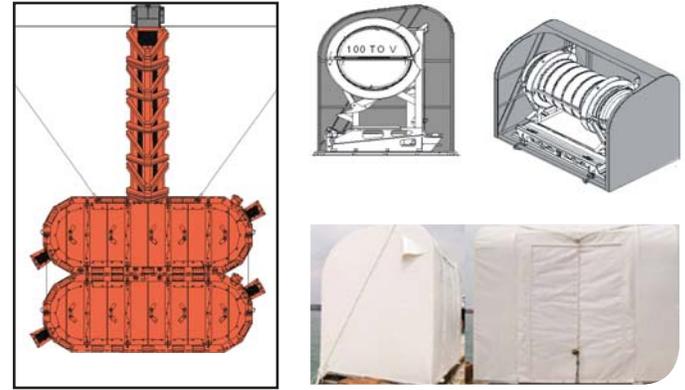


Installation of the Medium Height Inflatable Slide system can be provided between two decks or in an open deck area according to the available space on the ship. Each installation style shown below in diagrams and photos.

**EXAMPLE OF ENCLOSED/BETWEEN DECKS INSTALLATION**



**EXAMPLE OF OPEN DECK INSTALLATION**





### HIGH FREEBOARD MES (UP TO 28.0M) MARIN ARK1 SOLAS

Fully reversible, ensuring the system inflates upright each and every time with 430, 321 and 212 passenger capacities

Evacuation chutes are fully enclosed ensuring no passenger is exposed to the elements at any time during evacuation

Compact all-in-one stowage design requiring minimal deck footprint, maximizing space for passenger entertainment and comfort onboard

Stowage design allows for easy system swap-out during service, meaning minimal vessel downtime

No additional bowing required during deployment

Available in symmetrical and asymmetrical options, with between deck or open deck stowage available, enabling maximum design flexibility

The RFD Marin Ark1 is among the world's safest and fastest method of transferring passengers and crew from a vessel into liferafts. In the case of an emergency, no other system is as efficient or effective. One simple release action activates the deployment of the system, which is fully inflated and operational within 90 seconds of deployment. The liferafts are fully reversible, ensuring RFD Marin Ark1 inflates upright each and every time, and evacuation chutes are fully enclosed ensuring no passenger is exposed to the elements at any time during evacuation. Once deployed, the system is uniquely designed to ensure utmost stability in even the toughest sea conditions.



### HIGH FREEBOARD MES (UP TO 28.0M) MARIN ARK2 SOLAS

Fully reversible liferafts ensure the system inflates upright each and every time with 158, 316, 474, 632, 682, 790, 840 and 860 passenger configurations

Unique modular design with suspended floor ensures maximum thermal protection for survivors

Dual spiral slide path allows for safe, rapid and controlled descent as well as crew ascent where necessary

Integrated service winch eliminates the need for crane hire during MES installation and service removal

Flexible design that is approved for both open and between deck application allows for installation on the widest range of vessel configurations

Compact all-in-one stowage design requiring minimal deck footprint

Revolutionary bowing system and evacuation slide path designed to meet the challenges of the latest modern wide beam vessels

Single action release for simple crew operation

The RFD Marin Ark2 is among the largest dry shod Marine Evacuation Systems in the world. Each MES offers unparalleled safety coupled with value for money. All models feature a suspended floor to provide maximum thermal protection and multiple buoyancy compartments to ensure utmost safety in the toughest sea conditions. The innovative helical slide path integrates the benefits of a fully enclosed evacuation chute with the natural descent of a spiral slide - crew members can even ascend to assist other passengers if required. One of the most dynamic design features of this system is the integration of a service winch into the stowage unit which allows for the entire unit to be deposited onto a tug or truck during service periods thus in most cases eliminating the requirement for a crane during service. Already accepted by the leading names in the industry, the Marin Ark2 sets new standards for Marine Evacuation Systems.





## HIGH FREEBOARD MES (UP TO 33.0M) VERTICAL CHUTES

Most well-established technology for rapid evacuation of very large passenger vessels and available for installations up to 108 feet

System is comprised of a vertical chute and base platform, contained within a housing on the evacuation deck, with throw-over liferafts connected via an interface to the platform

Easy pull handle operation automatically deploys the chute and inflates the receiving platform, so that passengers and crew simply jump into the chute and their vertical descent is controlled via the engineered vertical descent control mechanism (Zig-Zag system)



## OIL & GAS EVACUATION (UP TO 80.0M) MAS-67 MAS EVACUATION SYSTEM

The system is intended as a reliable, alternative means of evacuation when the main lifeboats are impaired or inaccessible, for up to 150 personnel from topsides down to sea level, via a fire and smoke protected vertical, telescoping, escape chute directly into a single SOLAS approved high-capacity liferaft within 10 minutes of deployment

Integrated buoyant breakaway landing platform is configurable to enable the liferaft to freely rotate around the landing platform by means of a hoop/bearing assembly

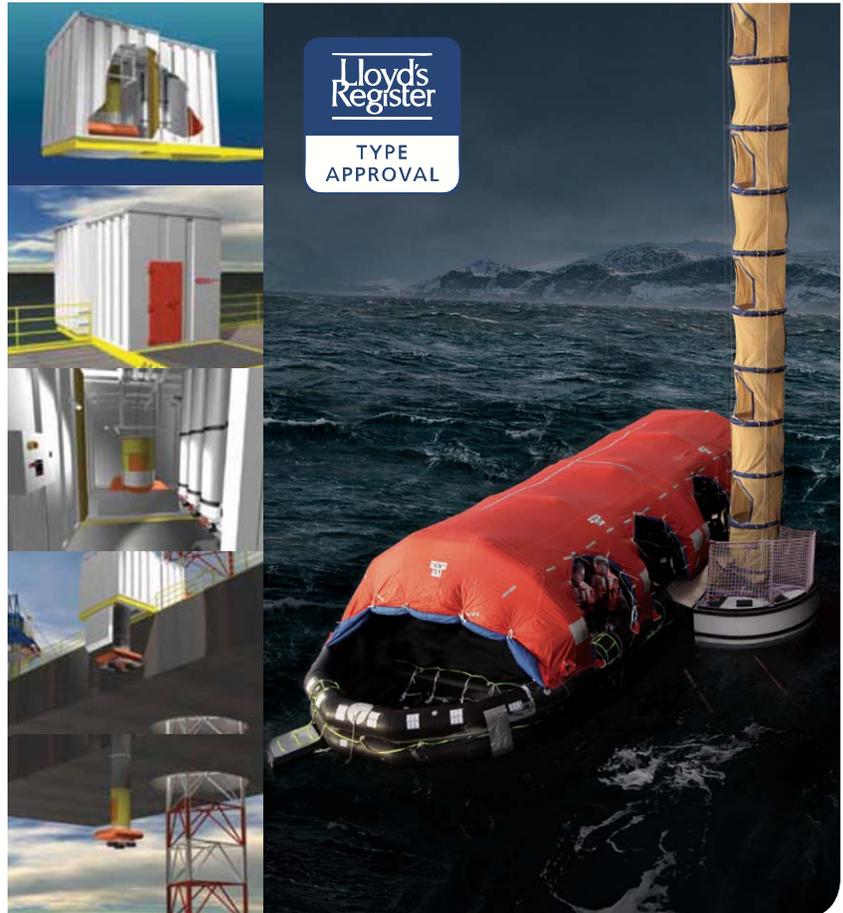
Fully type-approved by Lloyd's Register of London during a sea trial that included waves over five meters in height and wind speeds reaching Beaufort 7 level

Container with rear door access and hazard resistant outer cladding mounted to bolt down skid frame with over-side cantilever section, and containing internal structural support frame bolted to the container supporting pneumatic winch, cables, pulley system, and escape chute

Internal Explosion proof lighting system rated for hazardous area use (Classification Zone I Div 1 Class I)

Gravity Braked winch with hydraulic motor and accumulators with capacity as necessary to recover the system twice (two cycles)

Three wire cable and pulley system connected to the winch drum and terminating at the tensioning cans



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# LIFEBOATS, RESCUE BOATS, RELEASE HOOKS & DAVITS

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Rescue Boats and Workboats	44-45
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Davits	46-47

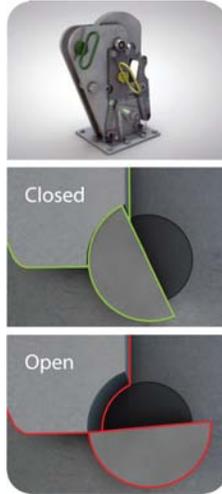


# CHOOSING THE RIGHT ONE

Lifeboat, liferaft and rescue boat Release and Retrieval Systems (LRRS) are solutions that combine a rescue or survival craft; davit, crane or ramp; and release hook. They provide controlled descent of a craft and come in many different configurations.

## IMO MSC.1/CIRC. 1392 LRRS REQUIREMENTS

1. The weight of the lifeboat should not cause any force to be transmitted to the LRRS operating mechanism when the release is in the fully closed position
2. LRRS locking devices cannot turn to the open position due to forces from the hook load
3. Cam pins must be capable of rotating 45 while still holding the safe working load
4. If the LRRS has a hydrostatic interlock, it must reset automatically after the boat is lifted from the water



## CONSIDERATIONS FOR WHETHER TO UPGRADE OR REPLACE A LIFEBOAT FLEET

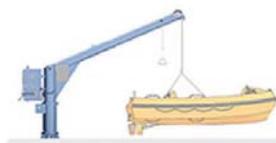
Older fleet issues: cost considerations related to maintaining older equipment, extended life of field beyond lifeboat life expectancy, obsolete safety critical parts, and revised / new legislative requirements.

New fleet benefits: IMO / SOLAS compliant LRRS fitted, boats comply with 'Big Persons' rule, alignment with a pro-active HSEQ culture for increased crew morale, and extended lifetime of lifeboat on asset.



BRAND	DESCRIPTION
	SOLAS Approved Rescue Boats.
	SOLAS Approved Rescue Boats, as well as custom configured work, military or general purpose boats.
	Fast Rescue Boats, Lifeboats and Release Hooks.
	Fast Rescue Boats, Davits and Release Hooks.

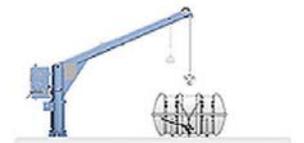
Davits offered are renowned for their easy installation, operation and cost-effectiveness. All are designed for extended operation under adverse and extreme conditions, of trim of up to 10 degrees and a list of up to 20 degrees either way. Systems enclosed in this catalog are considered "plug-in and play," delivered completely pre-assembled (davit arm, column, winch - plus built-on hydraulic power pack unit for boat davits), tested and ready for immediate use. Lowering of survival craft is driven by gravity in which the motion can be controlled either by remote control wire from within the survival craft, or by lifting the brake handle of the winch directly.



Rescue Boat Slewing



Fast Rescue Boat



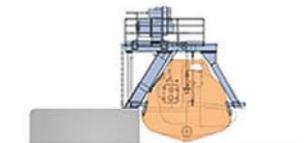
Liferaft



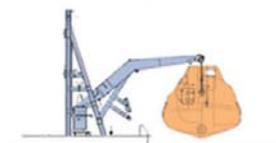
Combi Rescue Boat/Liferaft



Daughter Craft/Workboat



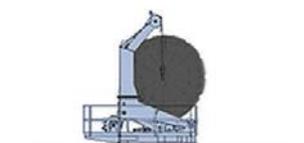
Offshore



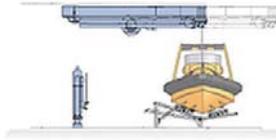
Lifeboat



Free-Fall



Fender



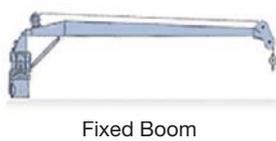
Overhead Telescopic



Yachting



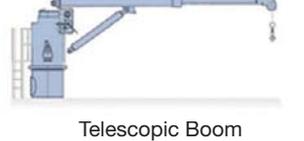
Accessories



Fixed Boom



Knuckle Boom



Telescopic Boom

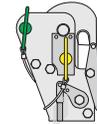
## SAFELAUNCH LIFEBOAT RELEASE HOOK

Approved by DNV, ABS, USCG and is IMO /SOLAS /LSA compliant

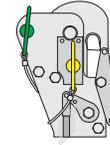
Award-winning design that is easily retrofitted to any lifeboat or rescue boat and includes an integrated fall prevention device (FPD)

Reliable and robust design for use in all climates and conditions with minimum maintenance

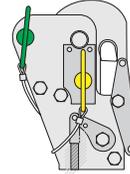
External visual indicators for additional safety



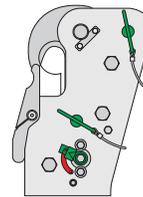
**SAFELAUNCH  
4.5 TON**



**SAFELAUNCH  
6.0 TON**



**SAFELAUNCH  
8.5 TON**



**ROC-LOC  
14 TON**

## ROC-LOC LIFEBOAT RELEASE HOOK

Approved by ABS, USCG and is IMO / SOLAS / LSA compliant

Designed specifically for davit-launched lifeboats and rescue boats to be used in all climates and conditions

Features visual indicators for additional safety, as well as an integrated fall prevention device (FPD)



## SLA 3.5 LIFERAFT / RESCUE BOAT AUTOMATIC RELEASE HOOK

Designed and built to IMO/SOLAS, LSA Code and MSC.81(70) part 1 regulations, holding USCG and EC / MED approvals

100% EU product designed and manufactured in the UK with a 3.5 ton safe working load

No service exchange requirement and 5 yearly servicing on board the vessel by Survitec Group or approved agents / distributors



PRODUCT	PRODUCT #
Safelaunch 4.5T	Call
Safelaunch 4.5TN	Call
Safelaunch 6.0T	Call
Safelaunch 6.0TN	Call
Safelaunch 8.5T	Call
Safelaunch 8.5TN	Call
Roc-Loc 3	Call
Roc-Loc 6	Call
Roc-Loc 12	Call
Roc-Loc 13	Call
SLA 3.5	Call
CAR 35	Call

## CAR 35 LIFERAFT / RESCUE BOAT AUTOMATIC RELEASE HOOK

SOLAS approved Combined Automatic Release (CAR) Hook specially designed to handle rescue boats and liferafts up to a safe working load of 3.500 kg (± 7716 lbs)

Known as the preeminent automatic release hook for rescue boat or liferaft handling with a proven track record since 2000, the CAR35 is a reliable, user-friendly, safe, must-have accessory for your davits.

Combination of high quality, low maintenance and economical pricing - one hook for two applications, which is easy to use and only needs one crew member to deploy, resulting in safer and more expedient operation



## RIGID INFLATABLE BOATS

All SurvitecZodiac Rescue Boats are SOLAS approved

RIBO 450 is a 4.5m six person boat that can be launched using a 4 point sling and approved release hook – SWL > 950kg & < 1.5 ton

RIBO 600 is a 6.0m self-righting boat that can be sling launched using an appropriate release hook (SWL > 1500Kg), and features a wheel console with jockey seat, two further jockey seats, additional seating for two further passengers and additional space for a full stretcher

FRB 600 is distinguished from the RIBO 600 by the addition of a single point lifting fram, is delivered supplied with a 70hp SOLAS approved outboard motor as standard and is further fitted with two 70 liter fuel tanks

Weights shown are with equipment and batteries, but do not include engine, fuel or passengers - please contact us for available approved engines based on boat size



FRB 600E

BOAT	APPROVAL	WEIGHT	PRODUCT #
RIBO 340 4 Person		300 Lbs. (136kg)	DRZ34007
RIBO 450 6 Person	EC / SOLAS	543 Lbs. (246kg)	DRZ34008
RIBO 450 6 Person	USCG / SOLAS	468 Lbs. (212kg)	DRZ34010
RIBO 600 6 Person	SOLAS	1089 Lbs. (494kg)	DRZ34014
FRB 600E 6 Person	SOLAS	1543 Lbs. (700kg)	DRZ34015



## INFLATABLE RESCUE BOATS

Manufactured from ultra light Hypalon fabric making them safe, strong, easy to handle and ideal for the Rescue Services

The DSB420 IRB is MED approved and can be supplied with or without a release hook

A long shaft engine with a maximum 30hp is recommended for use with this boat, providing enough power to tow a 100 person liferaft if required

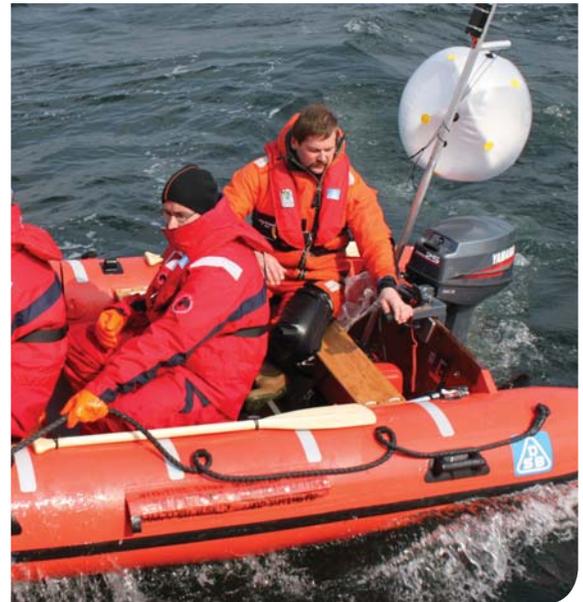
All new boats will be delivered to a vessel assembled, fully inflated, tested and supplied with a fully approved equipment pack



## SEMI RIGID INFLATABLE BOATS

The Semi Rigid Rescue Boat combines an aluminium hull with an inflatable upper section offering improved performance with extra strength and reduced maintenance

The size range for the Semi Rigid Rescue Boats being 7-13 persons makes them also suitable as a workboat



## WORKBOATS

Originally developed for military use, the DSB General Purpose Inflatable Workboats are highly robust and ideal for use as safety boats, water rescue boats, diving boats or workboats and have proven durable and versatile in the most adverse conditions

BOAT	APPROVAL	L X W DIMS	WEIGHT	PAYLOAD	PRODUCT #
420 IRB 6 Person	MED/SOLAS	13.8x5.9' (4.20x1.80m)	243 lbs (110kg)	1468 lbs (666kg)	Call
470 IRB 7 Person	MED/SOLAS	15.5x6.5' (4.70x1.98m)	243 lbs (110kg)	1631 lbs (749kg)	Call
530 IRB 15 Person	MED/SOLAS	17.4x7.1' (5.30x2.15m)	375 lbs (170kg)	3108 lbs (1410kg)	Call
3.9 SR 6 Person	SOLAS	12.8x6.4' (3.90x1.95m)	289 lbs (131kg)	1468 lbs (666kg)	Call
4.3 SR 7 Person	SOLAS	14.2x6.4' (4.30x1.95m)	430 lbs (195kg)	1763 lbs (800kg)	Call
5.1 SR 13 Person	SOLAS	16.8x6.8' (5.10x2.05m)	552 lbs (250kg)	2932 lb (1330kg)	Call

Palfinger boats are built for the most demanding users, who require a rigid craft with high quality/safety standards, competitive pricing, and low cost of ownership. Boats shown have aluminum hulls - ask us for specification and availability for GRP/Fiberglass hull models.



### FRSQ 600

Features deep V-bottom hull construction made of seawater resistant aluminum or Glass-Reinforced Plastic (GRP)

Craft can be safely launched and retrieved under adverse weather and sea conditions

Features Rubber fender and > 20 knot speed with 3 persons



### FRSQ 700 / 850

Keel is longer in the direction of the bow providing a "split bow" effect for excellent manoeuvring stability

Hull is made of seawater-resistant aluminum or GRP

The fender is made up out of 5 separate blocks which can be easily removed by one person within short period of time, even when in use offshore



FRSQ 600



FRSQ 700



FRSQ 850

BOAT	L X W DIMS	EMPTY WEIGHT	MAX WEIGHT	PRODUCT #
RSQ 450 6 person	16.0x5.8' (4.88x1.75m)	1026 Lbs (465kg)	2117 Lbs (960kg)	Call
RSQ 475 6 person	16.1x7.4' (4.90x2.25m)	2315 Lbs (1050kg)	3407 Lbs (1545kg)	Call
FRSQ 600 15 person	20.1x7.4' (6.11.x2.26m)	4167 Lbs (1890kg)	6897 Lbs (3128kg)	Call
FRSQ 700 15 person	23.8x8.8' (7.22x2.65m)	4630 Lbs (2100kg)	7360 Lbs (3338kg)	Call
FRSQ 850 21 person	27.9x10.2' (8.50x3.08m)	7827 Lbs (3550kg)	10556 Lbs (4788kg)	Call



### FAST RESCUE CRAFT

A wide selection of SSC fast rescue crafts (FRC) are available, built in accordance with the SOLAS/LSA regulations for fast rescue craft

Represents the latest in design features, techniques and practices

Our FRCs are designed to be fast and maneuverable in all sea conditions and yet have the lowest possible lifetime ownership costs

Intended to be very versatile and for use in a wide range of different applications including rescue, patrol, survey, boarding, customs, diving and inspection work



**NEW!**

## TWIN FALL DAVIT-LAUNCH LIFEBOAT

Designed and built to SOLAS/LSA regulations for commercial marine and offshore use  
Certified to ABS, BV, GL, LR and EC Mark with worldwide servicing available



## SINGLE FALL DAVIT-LAUNCH LIFEBOAT

Designed and built to SOLAS/LSA regulations for offshore use; platforms, rigs and FPSOs  
Certified to ABS, BV, GL, LR and EC Mark with worldwide servicing available



## FREEFALL LIFEBOAT

Designed and built to SOLAS/LSA regulations for offshore use; platforms, rigs and FPSOs  
Certified to ABS, BV, GL, LR and EC Mark with worldwide servicing available



## DAVITS AND WINCHES

Systems are designed to SOLAS and LSA regulations to be inherently strong, reliable and built to perform in the toughest maritime conditions

Available configurations and options include freefall davits, fast rescue craft davits, fixed arm rig davits (MODU and platforms), conventional gravity luffing arm davits (FPSOs and ships), compact 'low head-room' hydraulic davits for FPSOs and ships needing 'skid mounted solutions, and davits rated for combined lifeboat/rescue boat function as defined in SOLAS





## LIFERAFT DAVIT

Freestanding, deck-mounted manual davit suitable for safe and efficient launching of a fully manned liferaft

The davit arm is manually slewed by turning the crank handle, and when the correct outboard position has been achieved, the liferaft can be inflated and then lowered to the water level

Compact footprint with only 4m radius  
24kN safe working load

Stainless steel for all shafts, piping, bolts and nuts up to M16 but lightweight aluminum version available on request

The empty hook can be recovered manually using the crank handle of the winch

Dependant on the lowering height and the number of liferafts, the winch can be equipped with a so-called "quick-return unit" for easy and fast retrieval of the empty hook

Compatible with Survitec Group davit launch liferafts (all brands) for capacities of 12 - 25 persons



## RESCUE BOAT SLEWING DAVIT

Freestanding, hydraulic slewing davit suitable for safe and efficient launching and recovery of a fully manned rescue boat

The davit arm slews the rescue boat from its stowed position into launch position using a self-containing hydraulic power pack unit. The slewing motion is actuated from within the rescue boat by means of a remote control pull wire.

Compact footprint with only 3.5m radius  
12kN safe working load

Stainless steel for all shafts, piping, bolts and nuts up to M16 but lightweight aluminium version available on request

Recovery of the rescue boat with its crew is realized by using the electric driven winch.

In case of a power failure or malfunctioning of the electric system, hoisting can also be done manually by using the crank handle of the winch



## FAST RESCUE BOAT DAVIT

Freestanding, hydraulic pivoting davit suitable for safe and efficient launching and recovery of a fully manned rescue boat

The davit arm pivots the rescue boat from its stowed position into launch position using a self-containing hydraulic power pack unit. The slewing motion is actuated from within the rescue boat by means of a remote control pull wire.

30kN safe working load

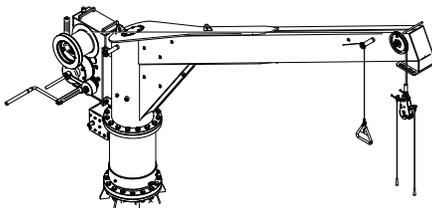
Stainless steel for all shafts, piping, bolts and nuts up to M12 but lightweight aluminium version available on request

Stainless steel HPU (hydraulic power unit) critical components are covered in hydraulic oil

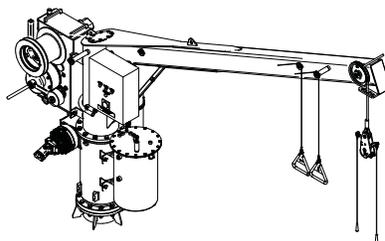
Recovery of the rescue boat with its crew is realized by using the electric driven winch. In case of a power failure or malfunctioning of the electric system, hoisting can also be done manually by using the crank handle of the winch.

Remote control push button box, for hoisting and emergency stop and integrated boat cradle, complete with lashings

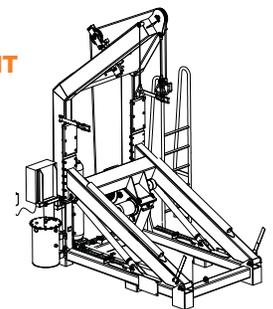
### SCM 21-4.0 LIFERAFT DAVIT



### SCH 12-3.5 RESCUE BOAT DAVIT



### PRHE 30 RESCUE BOAT DAVIT



Because the safe working load and outreach of the davit is normally determined by the size of the rescue craft, be sure to check with your Sales Manager on the specific product application you are considering. All models provide easy access for periodic maintenance, service and repair, as well as clear labeling and detailed manuals.

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# PYROTECHNICS & DISTRESS SIGNALS

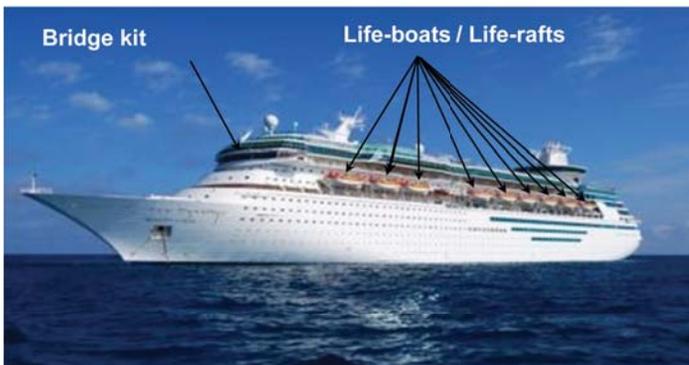
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# CHOOSING THE RIGHT ONE

The carriage requirements for emergency signals are based on a variety of considerations, such as the type of vessel, size of vessel, and where the vessel will be traveling. The requirements shown below are subject to change without notice and are for comparison purposes only. Be sure to check with your local regulating authority for the most current USCG/SOLAS minimum carriage requirements applicable to your vessels and craft.

VESSEL	CARRIAGE REQUIREMENTS
<b>Recreational / Leisure Boats</b> (Excludes boats under 16 feet long)  Day	Three (3) USCG-approved Red Handflares <u>OR</u> Three (3) USCG-approved Red Aerial Flares <u>OR</u> Three (3) USCG-approved Parachute Red Rockets <u>OR</u> Three (3) USCG-approved Orange Handsmokes <u>OR</u> Three (3) USCG-approved Floating Orange Smokes
<b>Recreational / Leisure Boats</b> (Excludes boats under 16 feet long)  Night	Three (3) USCG-approved Red Handflares <u>OR</u> Three (3) USCG-approved Red Aerial Flares <u>OR</u> Three (3) USCG-approved Parachute Red Rockets
<b>Fishing Vessels</b> (Over 50 miles from coastline)	Six (6) SOLAS-approved Red Handflares <u>AND</u> Three (3) SOLAS-approved Parachute Red Rockets <u>AND</u> Three (3) SOLAS-approved Floating Orange Smokes
<b>Fishing Vessels</b> (3-50 miles from coastline)	Six (6) USCG/SOLAS-approved Red Handflares <u>AND</u> Three (3) USCG/SOLAS-approved Parachute Red Rockets <u>AND</u> Three (3) USCG/SOLAS-approved Floating Orange Smokes
<b>Fishing Vessels</b> (Within 3 miles of coastline and the Great Lakes)	Three (3) USCG-approved Red Handflares <u>OR</u> Three (3) USCG-approved Red Aerial Flares <u>OR</u> Three (3) USCG-approved Smokes <u>DAY ONLY</u>
<b>Commercial Vessels</b> (All passenger vessels and vessels over 300 gross tons)	Twelve (12) SOLAS-approved Parachute Red Rockets <u>AND</u> Four (4) SOLAS-approved Line Throwing Appliances <u>AND</u> Two (2) SOLAS-approved 15-minute Buoy smoke
<b>Commercial Liferafts and Lifeboats</b>	Six (6) SOLAS-approved Red Handflares <u>AND</u> Four (4) SOLAS-approved Parachute Red Rockets <u>AND</u> Two (2) SOLAS-approved 3-minute Smokes



BRAND	QUALITIES
	A true global market leader with strong brand recognition and loyalty, proven responsibility by backing its products with insurance protection, and the exclusive OEM supplier to leading raft manufacturer (Survitec Group) providing substantial development resources
OTHER COMPETING BRANDS	Smaller share with fractured offering, depending on area of distribution and tested performance does not match standards set by regulations

## DISTRESS SIGNAL KITS

Pains Wessex Distress Signal Kits are packaged to support the diverse requirements of seagoing vessels



OVER 50-MILE DISTRESS KIT



SHIP'S BRIDGE DISTRESS KIT

RORC/USYRU DISTRESS KIT



OFFSHORE DISTRESS KIT

LIFEBOAT DISTRESS KIT



## PYROTECHNICS CONTAINERS

Survitec offers a variety of containers for storage of your pyrotechnics



POLY BOTTLES



METAL CONTAINERS



AMMO TINS

KIT	INCLUDES	CONTAINER	PRODUCT #
Ship's Bridge Distress Kit	12 Parachute Red Rockets	Large Poly Bottle	30-2002
RORC/USYRU Distress Kit	4 Red Hand Flares 4 White Collision Flares 4 Parachute Red Rockets 2 Lifesmokes	Large Poly Bottle	50-RORC-2395
Lifeboat Distress Kit	6 Red Hand Flares 4 Parachute Red Rockets 2 Lifesmokes	Large Poly Bottle	30-2052
Offshore Distress Kit	4 Red Hand Flares 4 Parachute Red Rockets 2 Lifesmokes	Large Poly Bottle	30-55590
Over 50-Mile Distress Kit	6 Red Hand Flares 3 Parachute Red Rockets 3 Lifesmokes	Large Ammo Tin	50-MDS-1

CONTAINER	PRODUCT #
12 Liter Large Poly Bottle	30-56800
3 Liter Mini Poly Bottle	30-9870050
Multiple Rocket Metal Box	30-PW5020
Para Rocket Can	50004105110
Para Rocket Can unlabeled	50004105100
Large Ammo Tin	10-35-0105-PA19
Medium Ammo Tin	10-35-0010-M2A1
Small Ammo Tin	10-35-0002-M19A

PainsWessex



## PARACHUTE ROCKET

Designed to withstand exceptional environmental exposure and to perform reliably even after immersion in water

Red features improved grip for easy handling and conforms to SOLAS 74/88 as amended with base pull-wire ignition that launches rocket to 300 ft

White is used in search & rescue operations at night for collision warning with base pull-wire ignition that launches a rocket to 984 ft

PainsWessex



## LINE THROWER

Self-contained, single shot, line throwing appliance that is fully compliant to the latest international USCG and SOLAS/MED legislation

For use ship to shore, shore to ship, and ship to ship, with a line breaking strain of 2kN

Activation launches a rocket 750 ft

PainsWessex



## DAY/NIGHT SIGNAL

Compact hand-held distress signal consisting of a red flare at one end and dense orange smoke at the other

Rugged, corrosion and water resistant case housing with pull toggle application ignition

For day or night use to pinpoint position

PainsWessex



## MANOVBORD / BUOYSMOKE

Combined dense orange smoke lifebuoy and light marker which exceeds SOLAS/MED requirements

Should be attached to a lifebuoy and used to mark position of manoverboard

BuoySmoke is same as manoverboard, but without lights and for day use only

Firing pin/percussion cap ignition

PainsWessex



## HANDFLARE

Telescopic handle and top pull-wire igniter

Red model is used day or night to pinpoint position and white model is used day or night as a collision warning

PainsWessex



## LIFESMOKE

Compact, flat-top day-time dense orange smoke distress signal

Provides position marking or indication of wind direction by pull-wire ignition with a 2 second safety delay... just pull and drop in the water

PainsWessex



## PERSONAL DISTRESS SIGNAL MINIFLARE KIT

Lightweight compact pack containing 9 red aerial flare cartridges and a perjector ignition that launches flare to 150 ft

Perjector firing mechanism is fitted with a stainless steel spring and striker pin in a tough, water resistant case

PRODUCT	PRODUCT #
Para Red Rocket	30-50672
Para Illuminating Rocket	30-50755
Day / Night Signal	30-55970
Red Handflare	30-52900
White Handflare	30-52751
PDS Miniflare Kit	30-55665
Linethrower body	30-50070
Linethrower rocket	30-50080
Manoverboard	30-53780
BuoySmoke	30-53835
Lifesmoke	30-53700

# PERSONAL FLOTATION & IMMERSION SUITS

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# CHOOSING THE RIGHT ONE

Personal flotation devices (PFDs) and lifejackets are tested and approved by legislative bodies with authority to regulate use and specifications. The two key organizations in North America who provide type approvals for these products are the United States Coast Guard (USCG) and Transport Canada (TC).



United States Coast Guard (USCG) Type Approval is required for lifejackets used aboard U.S. flagged vessels.

USCG TYPE APPROVAL

	CLASSIFICATION	MIN. BUOYANCY	USAGE	ADVANTAGES
	Inherently buoyant PFDs	11 Lbs. Child 22 Lbs. Adult	Off-shore, open or rough waters, coastal cruising, general boating	Best for all waters, will turn most unconscious wearers face up, highly visible coloring
<b>Areas Of Use:</b> Ideal for cargo ships and cruise ships.				
	Inherently buoyant and inflatable type II PFDs	15.5 Lbs.	Inland waters or calm waters where fast rescue is likely	Comfortable, turns some unconscious wearers face up in the water
<b>Areas Of Use:</b> General boating.				
	Inherently buoyant and inflatable type III PFDs	15.5 Lbs.	Inland waters or calm waters where fast rescue is likely	Generally the most comfort for continuous wear, many styles available
<b>Areas Of Use:</b> Construction, general industrial laborers, commercial workers				
	Throwable device	18 Lbs.	For calm inland water with heavy boat traffic, where help is always nearby	Does not have to be worn, good back-up to PFDs
<b>Areas Of Use:</b> All boats and vessels, recreational and commercial				
	Inherently buoyant and inflatable type V PFDs	15.5 - 22 Lbs.	Special use - see PFD label, includes deck suits and workvests	Designed for specific activities
<b>Areas Of Use:</b> Construction, general industrial laborers, commercial workers, public safety				

IMPERIAL SIZE	CHEST SIZE
XS/S	28" - 32"
S	32" - 36"
S/M	32" - 40"
M	36" - 40"
M/L	32" - 42"
L/XL	40" - 50"

IMPERIAL SIZE	CHEST SIZE
XL	45" - 50"
XL-2XL	42" - 58"
2XL	50" - 55"
2XL/3XL	50" - 60"
3XL	55" - 60"

IMPERIAL SIZE	CHEST SIZE
Workvest	32" - 54"
Adult Universal	30" - 52"
Adult Jumbo	38" - 60"
Adult Magnum	48" - 65"

IMPERIAL SIZE	USER WEIGHT
Infant	0 - 50 Lbs
Child	30 - 50 Lbs
Youth	50 - 90 Lbs
Commercial Child	Under 90 Lbs
Commercial Adult	Over 90 Lbs

BRAND	DESCRIPTION AND KEY INDUSTRIES SERVED
	The Imperial brand Immersion Suit is renowned as the highest quality, best value model on the commercial marine market, with a heritage spanning back to its creation in 1959. As the manufacturer and supplier of Imperial immersion suits, Survitec Group rebranded the legacy Safeguard line several years ago to Imperial. Over time, we have steadily gathered customer insight for important improvements to the Imperial brand personal flotation supporting commercial marine, public safety and commercial industries.
	The Crewsaver brand reflects a dedication to saving lives through the advanced design and manufacture of critical marine safety equipment. With a wide range of mission-critical marine survival products for commercial markets, rescue organizations around the world put their trust in Crewsaver equipment when saving lives at sea. Crewsaver lifejackets, PFDs and workvests have built a worldwide reputation for the highest level of performance, reliability and quality.



## 160RT/161RT BASIC FERRY BOAT PFD

Stackable for easy storage

110 square inches of SOLAS-grade reflective tape

Attachment loop on vest for optional light or whistle



## 198RT/199RT BASIC OFFSHORE PFD

The most comfortable USCG-Approved Type I on the market

126 square inches of SOLAS-grade reflective tape



## 230RT DELUXE OFFSHORE PFD

Fitted with a whistle and buddy line

Foldable and stackable for easy storage

110 square inches of SOLAS-grade reflective tape



Crewsaver®



## PREMIER COMPACT CRUISE SHIP PFD

Provides minimum 143N buoyancy

42% smaller alternative to the original Premier 2010

Improved comfort and fit around the neck with re-engineered neck aperture in softer foam

Easy stack-and-stow with no folding or manipulation required

Features buddy line and whistle stored in recessed pocket, and easy pull-out pillow for intuitive donning



PRODUCT	SIZE	PRODUCT #
Basic Ferry Boat PFD	Adult	61-160RT-001
	Child	61-161RT-001
22x12x13" Haddock Bag with Four 160RT PFDs		69-1024
Basic Offshore PFD	Adult	61-198RT-001
	Child	61-199RT-001
198RT Replacement Snap		60-SNAP-DRING
Deluxe Offshore PFD	Adult	61-230RT-001
230RT Belt Extender		60-23078398
Premier Compact	Adult	Call
	Crew	Call
Premier 2010	Adult	61-10572
	Child	61-10573
	Infant	61-10574
	Crew	61-10575
Premier 2010 Belt Extender		61-10600



Crewsaver®



## PREMIER 2010 DELUXE OFFSHORE PFD

Foldable and stackable for easy storage, with an average self-righting speed of 1.7 seconds and all models are fitted with a whistle and buddy line (optional light also available)





## 2200 SERIES MESH WORK VESTS

Well suited for commercial and bridge working operations

Lightweight and durable mesh shoulders with contoured foam panels, two front gusseted pockets, a d-ring for gear attachment, reflective striping, and a heavy duty zipper



## ECONOMY INDUSTRIAL WORK VEST

Perfect for commercial and industrial applications with snag-hazard environments

Large armholes, open sides, side adjustment tabs, SOLAS-grade reflective tape, and a heavy duty zipper



## GENERAL PURPOSE INDUSTRIAL WORK VEST

Great for natural disaster relief or similar environmental incidents where mass response is required quickly

Large armholes and open sides for maximum comfort, two encircling body belts and one chest strap, SOLAS-grade reflective tape, and a heavy duty zipper



## EMERGENCY RESPONSE VEST

Well-constructed work vest for emergency first responders, search & rescue professionals and public safety officials

Features 100MPH impact test rated belts, 31 sq inches of reflective tape on front and back, rip-stop nylon fabric, high visibility day glow on pockets and collar, two gusseted pockets, flotation-filled comfort collar, light attachment point on both shoulders, lash tabs and adjustable leg straps



PRODUCT	SIZE	PRODUCT #
2200 Captain's Mesh Vest	S/M	63-2200-001-SM
	L/XL	63-2200-001-LX
	2XL/3XL	63-2200-001-23
2210 Commander's Mesh Vest	S/M	63-2210-001-SM
	L/XL	63-2210-001-LX
	2XL/3XL	63-2210-001-23
2230 Admiral's Mesh Vest	S/M	63-2230-001-SM
	L/XL	63-2230-001-LX
	2XL/3XL	63-2230-001-23
General Purpose Industrial Work Vest	Adult	63-775RT-001-AU
	Magnum	63-778RT-001-AM
Economy Industrial Work Vest	S/M	63-321RT-001-SM
	L/XL	63-320RT-001-LX
Economy Industrial Work Vest w/pockets	S/M	63-321RT4-01-03
	L/XL	63-320RT4-01-07
370ERV Emergency Response Vest	S/M	63-370ERV-01-SM
	L/XL	63-370ERV-01-LX
	2XL/3XL	63-370ERV-01-23



## VINYL-DIPPED WORK VEST

Smooth, durable vinyl coating over self-extinguishing contoured flotation foam panels with SOLAS-grade reflective tape

Adjustable chest and shoulder straps

280RT features tough-wearing plastic buckles and 285RT features heavy-duty metal buckles

Opening on back accommodates most fall protection harnesses as shown below



OPENING



## RIGGER I AND II WORK VESTS

Lightweight construction for wearer comfort and two encircling belts with snag resistant buckles

Rigger I features soft cotton twill and Rigger II features durable 200 Denier polyester covering



## DELUXE VERSATILE WORK VEST

Useful for a variety of maritime applications

Features include SOLAS-grade reflective tape, two 1" body belts and one chest strap with heavy-duty type V buckles, and a collar design that protects workers' shoulders while carrying items



## HARD SHELL LIFE RING BUOYS

High impact linear low-density polyethylene, with molded-in rope holes for easily replaceable 3/8" UV-resistant black polypropylene rope



## PERRY LINE



An encapsulated line made from polypropylene rope with a breaking strain of 250kg, enclosed within a holder which fits in the inner diameter of the life ring buoy



PRODUCT	SIZE	PRODUCT #
Vinyl Dipped Work Vest	Adult	65-280RT-001
	Adult	65-285RT-001
Vinyl Dipped Work Vest NAFTA Compliant	Adult	65-280RT-USA
	Adult	65-285RT-USA
Rigger I Work Vest	Adult	65-290RT-001
Rigger II Work Vest	Adult	65-290EFRT-001
Deluxe Versatile Work Vest	Adult	65-300RT-001
	Magnum	65-305RT-001
Deluxe Versatile Work Vest With 4 Gusseted Pockets	Adult	65-310RT-001
	Magnum	65-315RT-001
Domestic Life Ring Buoy	30"	10-R0300D-SSPI
Bridge Type Life Ring Buoy	30"	10-R0340D-SSPI
Deck Type Life Ring Buoy	30"	10-R0325D-SSPI
USCG Only Life Ring Buoy	24"	10-R024RD-SSPI
100ft Rope Life Ring Buoy Line Bag		69-RBLB
30m Perry Line		69-FLPL30M
24m Perry Line		69-FLPL24M

## HAMMAR



## LIFE BUOY RELEASE SYSTEM



Complete, easy-to-fit package for the rapid launch of life buoys remotely from any point on a vessel

Manual and electric release models are mountable to port or starboard side

Contact us for ordering information





Crewsaver®



## CREWFIT 35 CWV

USCG Type V / III Approved lifejacket features an inflation chamber that ensures fast turn speed when entering the water and provides 35 lbs of minimum buoyancy when inflated

Also features a heavy-duty cover, inflation mechanism viewing window, and retro-reflective tape

PRODUCT	PRODUCT #
Crewfit 35 CWV Automatic	55-9505OA
ErgoFit 40 Pro Automatic Harness	55-9506BKA
ErgoFit Pro Hammar auto (+L&H)	61-9115BKHP
ErgoFit Pro standard auto (+L&H)	61-9115BKAP
ErgoFit Offshore Hammar auto	67-9125BKHP
ErgoFit Offshore standard auto	67-9125BKAP
ErgoFit Ocean Hammar auto	67-9135BKHP
ErgoFit Ocean standard auto	67-9135BKAP



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## ERGOFIT 40 PRO

ErgoFit 40 Pro is a USCG Type V / II Approved automatic inflatable lifejacket with minimum buoyancy of 40 lbs when inflated

Features a Fusion 3D design providing a custom fit and unrestricted range of movement; an inflation chamber that ensures fast turn speed when entering the water and keeps the airway clear of water; and features such as a soft d-ring for harness



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## ERGOFIT ISO LIFEJACKETS

ErgoFit Pro and ErgoFit Offshore are CE approved to ISO 12402-3 (150N) with minimum buoyancy of 190N, and ErgoFit Ocean is CE approved to ISO 12402-2 (275N) with minimum buoyancy of 290N

All models feature a Fusion 3D design providing a custom fit and unrestricted range of movement; an inflation chamber that ensures fast turn speed when entering the water and keeps the airway clear of water; and features such as a light, spray hood and crotch straps





## CREWFIT AND SEACREWSADER 2010

Light and flexible dual or single chamber lifejackets with high visibility inflation chambers in both 275N and 150N buoyancy models

Each chamber is fitted with a 3.5psi relief valve to ensure full buoyancy during single or double chamber inflation

Crewfit 2010 twin chamber models auto-inflate with a Hammar mechanism requiring two re-arming kits; single chamber models include three inflation mechanism options including standard auto, manual, and Hammar auto

Seacrewsader 2010 twin chamber 275N models auto-inflate with two 60g cylinders and a standard mechanism requiring two re-arming kits; 150N models auto-inflate with two 38g cylinders and a standard mechanism requiring two re-arming kits



## SEACREWSADER 3D



ISO 12402-2 (275N) approved with minimum buoyancy of 290N



Features a fast turn inflation chamber and Fusion 3D design shaping with three cover options



**SINGLE-CHAMBER MODELS WITH A FIRE-RETARDANT COVER ARE ISO-APPROVED, INSTEAD OF SOLAS-APPROVED LIKE THE DOUBLE CHAMBER MODELS**

CREWFIT 2010 SINGLE CHAMBER MODEL	FIRE RETARDANT COVER PRODUCT #
275N	45-8676-AUTO
275N w/harness	45-8678-AUTO
275N manual	45-8676-MAN
275N manual w/harness	45-8678-MAN
150N	45-8672-AUTO
150N w/harness	45-8674-AUTO
150N manual	45-8672-MAN
150N manual w/harness	45-8674-MAN
150N Hammar	45-8672-HAMM
150N Hammar w/harness	45-8674-HAMM

CREWFIT 2010 TWIN CHAMBER MODEL	REGULAR COVER PRODUCT #	HEAVY DUTY COVER PRODUCT #	FIRE RETARDANT COVER PRODUCT #
275N	45-1153-HAMM	45-1153-HDHAMM	N/A
275N w/spray hood	45-1154-HAMM	45-1154-HDHAMM	N/A
275N w/harness	45-1153-H+H	45-1153-HDH+H	N/A
275N w/spray hood & harness	45-1154-H+H	45-1154-HDH+H	N/A
275N w/fall arrest harness	45-1153-PLUS	N/A	N/A
275N w/spray hood & fall arrest harness	45-1154-PLUS	N/A	N/A
150N	45-1353-HAMM	45-1353-HDHAMM	45-1353-FRHAMM
150N w/spray hood	45-1353-H+H	45-1353-HDH+H	45-1353-FRH+H
150N w/harness	45-1354-HAMM	45-1354-HDHAMM	45-1354-HAMM
150N w/spray hood & harness	45-1354-H+H	45-1354-HDH+H	45-1354-FRH+H

SEACREWSADER 2010 TWIN CHAMBER MODEL	REGULAR COVER PRODUCT #	HEAVY DUTY COVER PRODUCT #	FIRE RETARDANT COVER PRODUCT #
275N	45-1142-AUTO	45-1142-HDAUTO	45-1142-FRAUTO
275N w/spray hood	45-1143-AUTO	45-1143-HDAUTO	45-1143-FRAUTO
275N w/harness	45-1142-AUTOH	45-1142-HDAUTOH	45-1142-FRAUTOH
275N w/spray hood & harness	45-1143-AUTOH	45-1143-HDAUTOH	45-1143-FRAUTOH
275N w/fall arrest harness	45-1142-PLUS	N/A	N/A
275N w/spray hood & fall arrest harness	45-1143-AUTO	N/A	N/A
150N	45-1342-AUTO	45-1342-HDAUTO	45-1342-FRAUTO
150N w/spray hood	45-1343-AUTO	45-1343-HDAUTO	45-1343-FRAUTO
150N w/harness	45-1342-AUTOH	45-1342-HDAUTOH	45-1342-FRAUTOH
150N w/spray hood & harness	45-1343-AUTOH	45-1343-HDAUTOH	45-1343-FRAUTOH

SEACREWSADER 3D	PRODUCT #
w/spray hood	61-1146-AUTO
w/spray hood & harness	61-1146-AUTOH
heavy duty cover w/spray hood	61-1146-HDAUTO
heavy duty cover w/spray hood & harness	61-1146-HDAUTOH
fire retardant cover w/spray hood	61-1146-FRAUTO
fire retardant cover w/spray hood & harness	61-1146-FRAUTOH



Crewsaver™



## REPLACEMENT CYLINDERS

## STANDARD AUTO REARMING KITS

To ensure that your inflatable lifejacket operates as it was designed to, make sure that you utilize the correct inflation mechanism rearming kit

Locate your inflatable lifejacket and inflation mechanism below to identify the correct kit number

Replacement cylinders and capsules are also available



## MK5I AUTO INFLATION CAPSULES

## HAMMAR AUTO REARMING KITS



PRODUCT	PART #
60g replacement cylinder	10470
38g replacement cylinder	10034
Mk5i Blue Auto Capsule for LJ Serial '0-9' or 'R'	10061
Mk5i Black Auto Capsule for LJ Serial 'L'	10062
Hammar Manual Capsule converts Hammar to manual	11012
Hammar Auto Capsule for ErgoFit Hammar lifejackets	11014

PRODUCT COMPATIBILITY	CYLINDER SIZE / MIN BUOYANCY	INFLATION MECHANISM	RE-ARMING KIT PART #	NOTES
Crewfit 2010	60g / 275N	Hammar Auto	61-11030	Single Chamber: 61-11011
		Standard Auto	61-11037 61-10475	For serial # beginning with "L" For serial # beginning with "0-9" or "R"
	33g / 150N	Hammar Auto	61-11031	Single Chamber: 61-11010
		Standard Auto	61-11036 61-10018	For serial # beginning with "L" For serial # beginning with "0-9" or "R"
Crewfit 35 CWV	33g / 35 LBS	Standard Auto	61-11002	
Seacrewsader 290N 3D	60g / 290N	Hammar Auto	61-11307	
		Standard Auto	61-11037	
Seacrewsader 2010	60g / 275N	Standard Auto	61-11037	For serial # beginning with "L"
			61-10475	For serial # beginning with "0-9" or "R"
	33g / 150N	Standard Auto	61-11036	For serial # beginning with "L"
			61-10018	For serial # beginning with "0-9" or "R"
ErgoFit Ocean	60g / 290N	Hammar Auto	61-11307	ISO Models
	60g / 290N	Standard Auto	61-11037	
ErgoFit Offshore	38g / 190N	Hammar Auto	61-11306	ISO Models
	38g / 190N	Standard Auto	61-10034	
ErgoFit ISO Pro	38g / 190N	Hammar Auto	61-11306	ISO Models
	38g / 190N	Standard Auto	61-11306	
ErgoFit 40 Pro	38g / 40 LBS	Standard Auto	61-11003	
Harvester and Harvester SWR	33g / 150N	Standard Auto	61-11036	For serial # beginning with "L"
			61-10018	For serial # beginning with "0-9" or "R"



## IMMERSION SUIT

These superior-quality immersion suits have been in production since 1969... and in fact are the very first immersion suits to ever be seen on the maritime market

Meticulously crafted and pressure-tested upon completion

1-piece 5mm neoprene construction is meticulously crafted and pressure-tested upon completion

Features: true to size, dual-zipper pull tabs, wide shoulders and legs, three-fingered mitt, palm grip studs, whistle, snug-fitting face seal, SOLAS reflective tape, inflatable high-rider ring, lifting harness and buddy line (USCG / TC / SOLAS suit only)

Custom size suits and company name stenciling available on request

**FINDING THE RIGHT SIZE IS EASY BECAUSE IMPERIAL IMMERSION SUITS COME COMPLETE WITH A COLOR-CODED, BAG WITH TWO HANDLES**



**DUE TO THE GENEROUS SIZING, DONNING AN IMPERIAL IMMERSION SUIT ONLY TAKES FIVE STEPS AND AN AVERAGE OF 30 SECONDS FOR MOST WEARERS**



USCG/TC/SOLAS Suit includes lifting harness, includes a buddy line and high-rider ring



**MODEL SHOWN:  
USCG, CHILD SIZE**



**MODEL SHOWN:  
USCG / TC / SOLAS,  
ADULT SIZE**

ACCESSORIES	PART #
Optional Personal Survival Pocket	80-1420
Optional PLB Pocket	80-1421
Maintenance Kit	80-1501-101
Bees Wax Bar	80-I-1000

TYPE APPROVAL	SUIT SIZE	PRODUCT #	REPLACEMENT HIGHRIDER RING PART #	REPLACEMENT BAG PART #
USCG	Child	80-1409-C	80-1410-C	80-I-0202
	Intermediate	80-1409-O	80-1410-O	80-I-0200
	Adult	80-1409-A	80-1410-A	80-I-0201
	Jumbo	80-1409-J	80-1410-J	80-I-0204
USCG TC SOLAS Complete Product	Intermediate	80-1409-O-3	80-1410-O-3	80-I-0200-A-3
	Adult	80-1409-A-3	80-1410-A-3	80-I-0201-A-3
	Jumbo	80-1409-J-3	80-1410-J-3	80-I-0204-A-3



Crewsaver®



## IMMERSION SUIT

Crewsaver immersion suits are used by many of the world's shipping lines and offshore oil & gas companies as an economical solution that meets stringent MED / SOLAS regulations for vessels which operate and are required to have one for each crew member

All suits are supplied with a storage /carry bag and donning instructions.

Made from 5mm fire-retardant neoprene that provides good insulation and resistance to oil, sunlight and seawater

May be donned in under 2 minutes

Features include SOLAS-grade reflective tape, a waterproof zipper, glued and blind-stitched seams for waterproofing, additional reinforcement in critical areas such as the foot sole, and a neoprene seal combined with a mouth and face mask



**MODEL SHOWN:  
ENDURANCE PLUS**



**MODEL SHOWN:  
ENDURANCE**



**MODEL SHOWN:  
ENDURANCE 140N**

PRODUCT	SUIT SIZE	CONFIGURATION	PRODUCT #
Endurance Plus	Medium	standard	8800MK2-SHM
	Universal	standard	8800MK2-SHU
	Extra Large	standard	8800MK2-SHXL
Endurance Immersion Suit	Medium	standard	8810-M
	Large	standard	8810-L
	Extra Large	standard	8810-XL
Endurance 140N Immersion Suit	Medium	with PE foam buoyancy pillow only	8809-M
		with PE foam buoyancy pillow and light	8808-M
	Large	with PE foam buoyancy pillow only	8809-L
		with PE foam buoyancy pillow and light	8808-L
	Extra Large	with PE foam buoyancy pillow only	8809-XL
		with PE foam buoyancy pillow and light	8808-XL



## UNIVERSAL LIGHT

Surface-mounted flashing LED light, for use when non-recessed light options are suitable

Activates on contact with water or manually

Minimum 8 hrs minimum operational duration



## SURFACE LIFEJACKET (CSL) LIGHT

Surface-mounted white flashing LED light with minimum 1.3cd output for use when non-recessed light options are suitable

Compatible with the wide range of Crewsaver and Imperial lifejackets, PFDs, work vests and immersion suits



## LIFEJACKET LIGHTS

Both models provide minimum 0.75cd light output

Integrated battery with 5 year storage life

Flexible fitting with two different backing plates for thin strap or 5cm belt mounting



M3



W3



## RECESSED LIFEJACKET LIGHTS

Circular recessed (CRL-C) or rectangular recessed (CRL-R) flashing LED lights are suitable for all Crewsaver and Imperial foam lifejackets

Minimum of 16 hours light duration and maximum 5 year storage life



CRL-C



CRL-R



## LIFEBUOY LIGHTS

Both models pass 76 meter drop height test and are also approved to ATEX, IECEx and ETL

Minimum 2cd light output for 15 hour minimum operational duration

The intrinsically safe model (category 1) makes the L163 suitable in hazardous zones 0, 1 and 2



L162



L163



## PFD LIGHT

Minimum .75cd output white flashing LED light with operational life exceeding 8 hours

Automatic activation in both salt and fresh water

Compact, lightweight and easy to secure with built-in attachment clip



PRODUCT	PRODUCT #
Universal Light	10-10280
Surface Lifejacket (CSL) Light	10-10220
Recessed Lifejacket Circular (CRL-C) Light	10-10231
Recessed Lifejacket Rectangular (CRL-R) Light	10-10232
Lifejacket Light - Manual	10-1130-M3
Lifejacket Light - Auto	10-1330-W3
Life Buoy Light	10-62-003A-L162
Life Buoy Light - Intrinsically Safe	10-62-003A-L163
SLX SOLAS PFD Light	10-SLX



## NON-STOCKED AND CUSTOM PERSONAL FLOTATION DEVICES, BUOYANCY AIDS AND IMMERSION SUITS

The Crewsaver commercial marine products shown in previous pages are only a sample of the many models, options and configurations available. As the innovation leader, Survitec Group is constantly refining our range and developing the next generation of personal flotation survival equipment. We can make just about anything, and would be pleased to learn about the particular application or need you have for a tailored solution. Examples of products not currently stocked in North America, but which may be supplied with sufficient forecast and quantities are shown below. To view additional models which are available for sale but not listed in this catalog, please visit [www.crewsaver.com](http://www.crewsaver.com).



**LATITUDE  
140N**



**EVOLUTION  
250N**



**OFFSHORE  
290N**



**INSHORE  
380N**



# SEARCH, RESCUE, SAFETY & SURVIVAL EQUIPMENT

Emergency Breathing	66-67
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Marine Survival Accessories	77



**SPIROMATIC 90U AND 90USA SCBA**

Spiromatic 90U and 90USA are entry level Self-Contained Breathing Apparatus (SCBA) used in emergency smoke escape situations, with a robust design and no protruding parts, making them perfect for firefighting and ideal for industrial and maritime environment usage

Pressure regulator (1st stage regulator) is identical to that used in other Interspiro SCBA series, with First Breath activation of positive pressure occurring from the inner mask, or a version with ambient air hatch for standby use to provide extended duration time

Features include: reliable operation, excellent visibility, audible alarm placed on chest, mask and breathing valve in a compact design, no sticky parts, better view, ability to connect to an airline system or extra mask, open back frame design that reduces weight and improves ventilation, and a harness equipped with padded shoulder straps and easy-to-adjust hip belt buckles

Spiromatic 90U configurations may be delivered as a SCBA including face mask, or as basic model excluding the face mask and breathing valve, depending on a customer's requirements

Spiromatic 90USA-S configurations are NIOSH approved according to U.S. product standards, in which the 90USA-S is delivered with the S face mask, and available in one high pressure (HP) version for 4500 psi and one low pressure (LP) version for 2216 psi

SCBA and S-Mask carry approvals for 89/686/EEC/PPE (EU directive), 96/98/EEC/MED (Ship Wheel), ISO 23269-3 (Ship Wheel), EN 137 (CE), EN 136 (S-Mask), PED (Cylinder and Cylinder valve), Standards Mark AS/NZS 1716:2012 (Australia) and NIOSH 42 CFR Part 84 (Accepted by the U.S. Coast Guard)

If cylinders are ordered, they will be supplied empty



**SPIROMATIC 90U SCBA WITH S-MASK**



**S-MASK**

**INSPIRE MASK**



**S-PE MASK**



**S-ESA MASK**



**S-N MASK**

PRODUCT	PRODUCT #
Spiromatic SCBA 90USA	30137-01
Spiromatic SCBA 90USA-S	30137-04
SCBA 90U 2-year service kit	460190711
Spiromatic SCBA 90U S-mask Ambient air hatch	32110-01
10-year service kit for Spiromatic SCBA 90U S-mask ambient air hatch	460200129
Spiromatic SCBA 90U S-mask Ambient air hatch, extra air connection	32110-02
10-year service kit for Spiromatic SCBA 90U S-mask ambient air hatch, extra air connection	460200130
Spiromatic SCBA 90U S-mask First breath	32110-03
10-year service kit for Spiromatic SCBA 90U S-mask First breath, 10-year service kit	460200131
Spiromatic SCBA 90U S-mask First breath, extra air connection	32110-04
10-year service kit for Spiromatic SCBA 90U S-mask First breath, extra air connection	460200132
Steel 6 l cylinder with In-line cylinder valve	98832-01
Composite alu-liner, 6,8 L cylinder with In-line cylinder valve	31126-03
SCBA cylinder valve type II 5-year service kit	460190686
Spiromatic test Equipment	331190315
Spiromatic test adapter, S-mask hatch and first breath	96210-01
Spiromatic test cover S-mask first breath	33537-01
Spiromatic 90U toolkit for service and repair	346190310

**SPIROSCAPE EEBD**

Simple to use Emergency Escape Breathing Device (EEBD)

Ambient air valve automatically opens when the cylinder is depleted eliminating the risk of suffocation inside the hood and the need to waste breathing air on a low air warning alarm, and no need for a warning device

Patented air distribution system expels Carbon Dioxide from the hood, thus optimizing air usage from the cylinder.

Air flow is activated by pulling the quick start strap, which simultaneously opens the zipper on the carrying bag and gives the user access to the hood

Anti-tamper tag verifies the integrity of the unit, and the cylinder contents gauge can easily be viewed from the outside

Additional features include: two-layered hood (outer and inner) positions the inner mask correctly, very flexible neck seal, easy to don and comfortable to wear usability, quiet air delivery system allows for voice communication, fail-safe quick start mechanism guarantees automatic air activation, ability to reuse unit, and quick fill system with quick and easy recharging of cylinders

Spiroscape carries approvals including CE and NIOSH (Ship Wheel) for 200 bar or 3000 psi versions, 89/686/EEC/PPE (EU directive), 97/23/EEC/PED (Cylinder and Cylinder valve), 96/98/EEC/MED (Ship Wheel), EN 1146 (CE), ISO 23269-1 and NIOSH 42 CFR Part 84 (Accepted by U.S. Coast Guard)



PRODUCT	APPROVAL	PRODUCT #
Spiroscape EEBD 15min - with air	CE	95300-02
Spiroscape EEBD 15min - without air	CE	95300-02EMPTY
200 bar composite cylinder, filled		95300-10
200 bar auto-fill adapter		95360-02
Spiroscape EEBD 15min - with air	NIOSH	95300-11
Spiroscape EEBD 10min - with air	NIOSH	95300-12
3000 psi auto-fill adapter		95360-04

**M-20.2 EEBD**

World's smallest and most durable Emergency Escape Breathing Device (EEBD) that is a closed circuit compressed O2 system used to provide emergency escape from confined spaces and provides up to 32 minutes of protection

Less than 10 second donning time; pulling the unit from the case automatically starts oxygen flow providing quick and easy to use functionality that is demand regulated by the wearer

15-32 minute typical performance duration, based on load and environmental factors, with a -4°F to 149°F (-20° C to 65° C) storage temperature range

Light and compact so it can be worn comfortably on a belt in confined spaces

Only weighs 3.1 lbs (1.4kg)

Teflon hood provides maximum protection for the user from hazardous environments, with excellent heat and chemical resistance, while still allowing a full field of view

Selected for exclusive use by the U.S. Navy, U.S. Coast Guard, and Hellenic Navy



PRODUCT	PRODUCT #
M-20.2 EEBD	940077
M-20.2 EEBD Secondary Container (orange)	648000
M-20.2 Stowage Rack (steel with retaining strap)	648061
M-20.2 Stowage Rack (chrome plated steel wire form)	648062
M-20.2 Pouch (woven nylon, fully encloses EEBD)	930023



## WAVE TRANSFER DEVICE

Transfer carrier for standing passengers that offers impact protection, fall prevention and has floating and self-righting capabilities

Focuses on passenger experience, cost efficiency and ease of ownership with the smallest footprint of any rigid four-person transfer carrier

Buoyancy provides extensive protection against side impacts and ensures the carrier floats and self-rights in case of immersion

EVA foam, shock absorbing landing feet

Passenger capacity of 4 persons, or 1 person plus 1 stretcher



## FROG-XT SERIES TRANSFER DEVICES

Offers a superior solution specifically designed to minimize the risks involved in crane-assisted personnel transfers

Available in 4, 6 and 10 person capacities with impact absorbing seats

Smaller footprint than competitor product with side impact protection and buoyancy features

Three-point quick release harness providing protection from whiplash and falling

Converts to stretcher mode with capacity for one stretcher and one accompanying passenger

Product lifespan of 10 years and all servicing may be done offshore

XT Accessories Package 1 contains floor mounted luggage storage (2 for XT4 and XT6, 4 for XT8), strobe light and protective cover

XT Accessories Package 2 contains all of Package 1 plus basket stretcher

Medevac configuration Accessories package includes protective cover and basket stretcher (1 for XT4 and XT6, 2 for XT10)



FROG-XT4



FROG-XT6



FROG-XT10



PRODUCT	APPROVALS	FERRULES	STANDARD MODEL PRODUCT #	LOW TEMP MODEL PRODUCT #	ACCESSORIES PACKAGE 1	ACCESSORIES PACKAGE 2	MEDEVAC PACKAGE
WAVE-4	CE	Aluminum	WAVE-4	N/A	RA0440	RA0441	
FROG-XT4	CE	Aluminum	RA0016	RA0309	RA0172	RA0173	RA0235
		Steel	RA0342	N/A	RA0172	RA0173	RA0235
FROG-XT6	CE	Aluminum	RA0218	RA0311	RA0172	RA0173	RA0235
		Steel	RA0343	N/A	RA0172	RA0173	RA0235
FROG-XT10	CE	Aluminum	RA0213	N/A	RA0280	RA0281	RA0282
FROG-6 (620)	CE, ABS	Aluminum	620	N/A	620 PKG 1	620 PKG 2	620 PKG 3
FROG-6 (640)		Aluminum	N/A	FROG-6 ARCTIC	FROG-6 ARCTIC PKG 1	FROG-6 ARCTIC PKG 2	FROG-6 ARCTIC PKG 3
TORO-RT4	CE	Aluminum	TORO-4	N/A	TORO-4 PKG 1	TORO-4 PKG 2	n/a



## PERSONAL EVACUATION, ESCAPE AND DESCENT DEVICES

We offer a variety of portable personal escape product for controlled descents during emergencies when conventional means are not possible

The original Donut tertiary escape device was designed on the back of the Piper Alpha disaster and developed in cooperation with North Sea Operators and UK Regulatory Authorities to provide a very lightweight solution that is easy to deploy solution from any platform or FPSO

Additional models were developed based on its principles, to address the many scenarios where a personal descent device may be necessary

Contains no hazardous material or substance and does not require an MSDS

Maximum load is 330 lbs (150kg) and harness fits user chest size up to 50"

Tertiary, Offshore, Marine and Retro units are certified for one time use after pack is opened or for a period of 24 months from the date of manufacturer if the pack is intact

LES models are equipped with a lightstick, investment cast descender, elongated accessory strop and liferaft attachment strop

GES models are equipped with a lightstick, investment cast descender, elongated accessory strop and guidewire attachment strop

Rescue units are designed for lowering an injured or unconscious personnel to a lower level or directly to the ground, either in the unit's own harness or in conjunction with a suitable stretcher, and may be retrieved and re-used for multiple casualty descents

### OFFSHORE

Device uses simplified abseiling principles, has nylon harness, stainless wire rope and stainless steel carabine hooks

### SAFELAND MARINE

Unlike inertia reel systems, the user can lock-off above the water and await rescue remaining dry, visible and warm, stainless wire rope and stainless steel carabine hooks

### SAFELAND RETRO

Offers the means of controlled escape from height with the added flexibility of attachment of the Donut Retro's Friction Device directly to the user's own existing work harness



**DONUT OFFSHORE**



**DONUT SAFELAND MARINE**



**DONUT SAFELAND RETRO**

PRODUCT	DETAILS AND USAGE	EVAC HEIGHT / TAPE LENGTH	PRODUCT #
Personal Evacuation Device (PED) with harness	Only approved for use in standard descent. Not liferaft compatible.	45' / 15m	DO/50-N
		90' / 32m	DO/100-N
		140' / 46m	DO/150-N
		185' / 65m	DO/200-N
		230' / 76m	DO/250-N
	Approved for use in standard descent, and for use in descent into liferafts.	45' / 15m	DO/50-N/GES
		90' / 32m	DO/100-N/GES
		140' / 46m	DO/150-N/GES
		185' / 65m	DO/200-N/GES
		230' / 76m	DO/250-N/GES
Safeland Marine PED with harness	Escape from derricks, cranes and wind turbines were a guidewire is not present.	45' / 15m	SM/50-N
		90' / 32m	SM/100-N
		140' / 46m	SM/150-N
		185' / 65m	SM/200-N
		230' / 76m	SM/250-N
	Escape from cruise, ferry and other vessels down to a rescue craft, where a guidewire is present. Liferaft compatible.	45' / 15m	SM/50-N/GES
		90' / 32m	SM/100-N/GES
		140' / 46m	SM/150-N/GES
		185' / 65m	SM/200-N/GES
		230' / 76m	SM/250-N/GES
Safeland Retro PED	Escape over hard surfaces attaching over existing harness (harness not supplied with this Unit). Not liferaft compatible.	45' / 15m	RETRO/50
		90' / 32m	RETRO/100
		140' / 46m	RETRO/150
		185' / 65m	RETRO/200
		230' / 76m	RETRO/250
Safeland Rescue Unit with harness	Lowering injured personnel with use of existing harness or a suitable stretcher (stretcher sold separately). Not liferaft compatible.	45' / 15m	DS/50-R
		90' / 32m	DS/100-R
		140' / 46m	DS/150-R
		185' / 65m	DS/200-R
		230' / 76m	DS/250-R

## FIBRELIGHT EMERGENCY LADDER



Lightweight, compact, strong and durable for emergency disembarkation with the 30 meter version weighing in at less than 55 lbs (25kg)

Constructed of carbon fiber rods, enclosed in flanged tubular webbing, fitted and sewn at right angles between the double thickness pockets of a second webbing to provide an incredibly strong, flexible structure with each rod fully supported within the vertical members of the ladder

Designed to meet SOLAS Chapter III, 31.1.4 & MSC.1/Circ. 1243 which requires that all cargo ships with more than 100 meters distance from stem or stern to the closest survival craft is required to carry remote liferafts and a means of disembarkation enabling descent to the water in a controlled manner

The use of knotted rope is no longer approved under this requirement and the Fibrelight Emergency Ladder with a natural step action makes it both faster to climb or descend than a single rung ladder

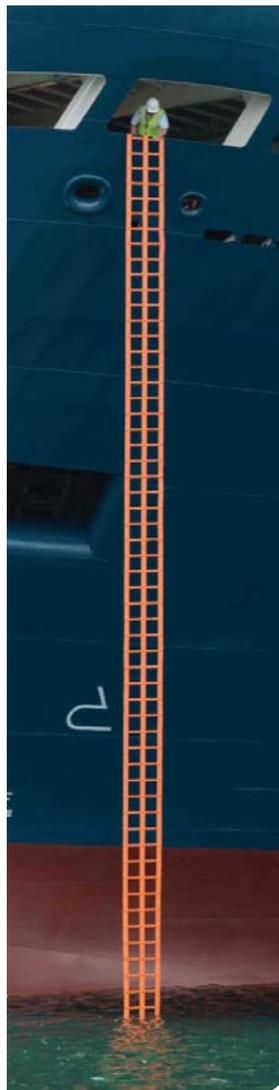
Operated by a single person the ladder can be rolled out, ready for use in less than a minute and may be loaded in both directions

Contains no metal parts and suitable for deployment on vessels and platforms with fire risks

Ask about additional accessories offered that assist the Emergency Ladders in the varying environments and multiple uses including attachments slings, storage cabinets, ballast rungs and stand offs

Passes ISO 799 strength test as part of the SOLAS approval program

Firebird PB10 FEL Emergency Escape Ladder Chest is available separately to securely contain your Fibrelight Ladder



WIDTH	LENGTH RANGE	PRODUCT #
600mm	2000-30000mm	Call



## FIBRELIGHT ESCAPE LADDER



Lightweight and strong device that allows a simple method of escape from confined spaces, stairwells and windows and it can be operated by a single person and be attached and ready to use in seconds

Constructed of fiberglass rods, enclosed in flanged tubular webbing, fitted and sewn at right angles between the double thickness pockets of a second webbing to provide an incredibly strong, flexible structure with each rod fully supported within the vertical members of the ladder

Strong enough to allow multiple users to either climb or descend (both directions) and designed with a single point attachment so it may be swiftly attached to a single load tested anchor point

Compact enough that it can be stowed neatly in a small bag or box at an escape point and brought to use in a matter of seconds, with no training for use required

May be manufactured in lengths from 2-10 meters, with 10 meter length only weighing 9.17 lbs (4.16kg)

Ladder is tested by Lloyds British to 1.5 tons through the top loop and 550kg for each rung

WIDTH	LENGTH RANGE	PRODUCT #
270	2000-10000mm	Call





## CREWSAVER PERSONNEL RECOVERY DEVICE (CPRD)

The Crewsaver Personnel Recovery Device (CPRD) is a man overboard retrieval device (MOB), ergonomically designed to assist in the retrieval of conscious and unconscious people from the water.

Retrieval of subjects can be made horizontally without risking further injury to the them or to the rescuer.

It is constructed from high density plastic rungs and stainless steel rods, then fitted with marine grade 316 stainless steel snap hooks. Lifting strops and heaving lines are attached to aid with retrieval

SOLAS approved and available in a variety of sizes, tailored to suit the individual needs of the application

### FAST RESCUE CRAFT (FRC) VERSION

Available in two sizes as a complete kit: 3x14 or 4x15

Supplied in a robust, high-visibility valise that is compact enough to be stowed in the craft

Comes with "Hypalon" patch fixing kits to enable attachment to the inflatable tubes on the rescue craft and a standard mechanism requiring two re-arming kits



**ALL SPECIFICATIONS SHOWN ARE BASED ON CONFIGURATION AND N.B. MCA RECOMMEND A CPRD IS INSPECTED EVERY 3 YEARS BY AN APPROVED SERVICE STATION**

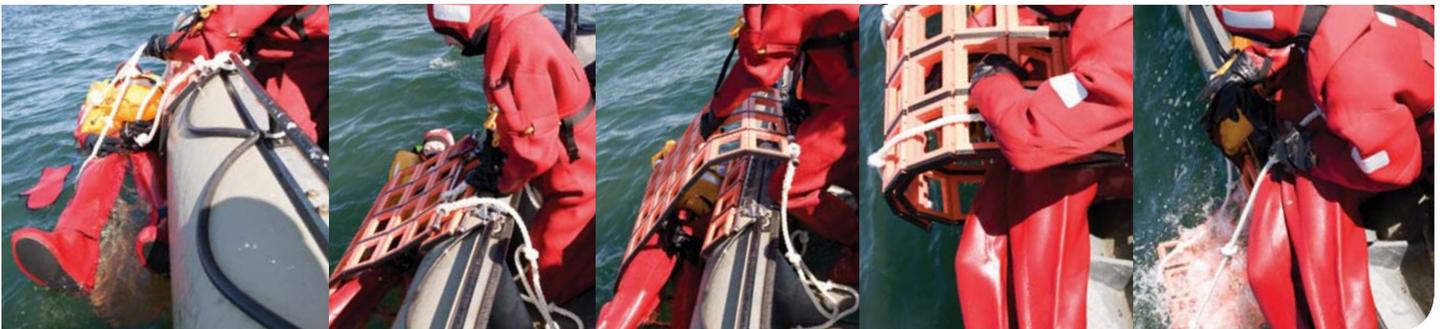
# OF RUNGS	FREEBOARD		DIMENSIONS WHEN DEPLOYED (W X L)	PRODUCT #
	WIDE	LONG		
4	12 - 37	0.5 - 3.6	26"x68" - 26"x210"	Call
5	10 - 36	0.4 - 3.5	33"x57" - 33"x203"	Call
6	12 - 28	0.5 - 2.5	40"x68" - 40"x158"	Call
7	12 - 32	0.5 - 3.0	46"x68" - 46"x203"	Call
8	12 - 36	0.5 - 3.5	53"x68" - 53"x203"	Call
9	12 - 40	0.5 - 4.0	60"x68" - 60"x225"	Call
10	12 - 44	0.5 - 4.0	66"x68" - 66"x248"	Call
11	12 - 45	0.5 - 4.6	73"x68" - 73"x254"	Call
12	12 - 45	0.5 - 4.6	79"x68" - 79"x254"	Call

### FRC MODELS

# OF RUNGS	FREEBOARD		DIMENSIONS WHEN DEPLOYED (W X L)	PRODUCT #
	WIDE	LONG		
3	14	0.8	20"x79"	SEPRD314FRC
4	15	0.9	27"x85"	SEPRD315FRC



### RECOVERY SEQUENCE OF PERSON IN DISTRESS USING CPRD



## FIBRELIGHT RECOVERY CRADLE



Maritime recovery system that can be operated by a single crew member and is designed for use by rescue craft, rigid inflatables, lifeboats and marinas

Constructed of carbon fiber rods, enclosed in flanged tubular webbing, fitted and sewn at right angles between the double thickness pockets of a second webbing, to provide an incredibly strong, flexible structure

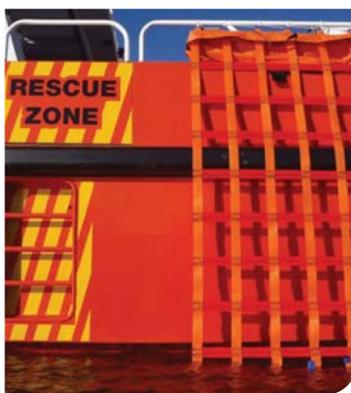
Cradle may serve as robust scramble net, boarding ladder, or stretcher for immediate evacuation of persons in distress.

50% lighter, more compact, and more versatile than any comparable devices

May be easily rolled to stow and requires only regular inspections and minimal maintenance every three years

Tested to ISO 799 as part of the SOLAS approval program

Accessories available include extendable pole and hook for assisting in recovery, as well as attachment slings



DIMENSIONS (W X L)	WEIGHT + CASE	PRODUCT #
1300x2000mm	9.4 lbs (4.25kg)	Call
1300x3000mm	12.1 lbs (5.50kg)	Call
1300x4000mm	14.9 lbs (6.75kg)	Call
1300x5000mm	17.7 lbs (8.00kg)	Call

## FIBRELIGHT STRETCHERS



Stretchers are manufactured using carbon fiber rods, or tubing in four sections, enclosed within robust tubular webbing fabric with flanges, then fitted and sewn at right angles between the double thickness pockets of a second webbing to provide an incredibly strong structure

The result is a carry device that is highly portable, lightweight, yet strong and rigid when assembled and compact enough to be stowed in a vehicle and carried by a single person to the scene of an emergency

Fully adjustable to accommodate a wide range of sizes and will securely contain a person in distress for a vertical or horizontal lift making it suitable for search & rescue, public safety or military teams

The Four Section Stretcher is horizontal-lift only, and has the same strength qualities as the Rod Stretcher while being able to fold down into almost a quarter of the size so it may fit into a backpack or small holdall, and rapid assembly in less than 20 seconds due to the snap together construction

Both models of stretcher are static load tested, snatch tested and repeat drop tested as per SOLAS with Approval by Lloyd's Register

PRODUCT	LENGTH (MM)	DIAMETER (MM)	WEIGHT	PRODUCT #
Rod Stretcher	1650	175	13 lbs (6kg)	Call
Four Section Stretcher	500 (folded) 1800 (assembled)	200 (folded)	12 lbs (5.5kg)	Call



**FIBRELIGHT ROD STRETCHER AND CARRY BAG**



**FIBRELIGHT 4 SECTION STRETCHER AND CARRY BAG**



## KOPAS-RESCUE NET FOR MANOVERBOARD

Simple and safe life-saving tool designed for SOLAS rescue boats or other pick-up boats with low freeboard height for manoverboard situations

The light weight and compact size of the net require less space, and it may be operated by a single rescuer

The rescue net is fastened at the boat with flotating elements in the end, and lifting strops and heaving lines are attached to aid with retrieval



**INSTALLED AND PACKED**



**UNPACKED (VIEW FROM INSIDE BOAT)**



**UNPACKED (VIEW FROM ALONGSIDE BOAT)**



**UNPACKED (VIEW FROM OUTSIDE BOAT)**

PRODUCT	WEIGHT	DIMENSIONS WHEN DEPLOYED (W X L)	PRODUCT #
Kopas-Rescue Net	9 lbs (4kg)	59" x 98"	508045



**UNROLLED**



**ROLLING UP**

## RESCUE RAMP MKI - MKII EPE

The rescue ramp is an easy to use, flexible and cost-effective recovery system contained within a compact, portable fabric valise

It is lightweight and easy to transfer from the protected storage location to any preset recovery point, which is an area that is less than one meter from the water and has attachment points set up for the rescue ramp snap shackles

Use of the ramp is simple: simply snap the shackles into place, open the velcro on the sides and pull the webbing handle to inflate the ramp

Ideal deployment point should be 39" (1 meter) or less

Minimum working load of 1,100 lbs (500kg)

Manufactured with two independent inflatable chambers, each with its own relief valve and manual filling valve

Fabric valise should be stored in an indoor location or water-tight locker

Includes two rescue quoits

One year service interval (or after deployment, whichever comes sooner)



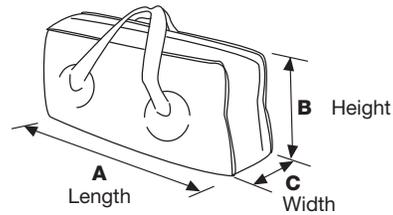
MKI FOLDED

MKII FOLDED IN VACUUM POUCH

FABRIC VALISE

RESCUE RAMP DEPLOYED

PRODUCT DETAILS	A X B X C DIMENSIONS	NET WEIGHT	NOTES
EPE	36x16x16" (900x400x400mm)	42 lbs. (19kg)	60" (1.5m) painter line length Inflation Cylinder 1 x 4 L
Crate	40x20x20" (1000x500x500mm)	89 lbs (40kg)	8.83 ft <sup>3</sup> enclosed





## ICE RESCUER 1500 (IR1500) PUBLIC SAFETY ICE RESCUE SUIT

As today's most innovative marine public safety brand, Imperial proudly presents the Ice Rescuer 1500, which is based on your input and the need for a robust, user-repairable, easy-to-don, and affordable ice rescue suit

Made of easy to repair, breathable shell fabric with cordura reinforced wear areas providing drysuit mobility, repairability, look and feel

Has a replaceable inner foam liner, internal suspenders, and wrist, thigh and ankle adjustments for more comfort

SOLAS-grade reflective tape on arms, head and torso for high visibility

Additional features include 3-ply chemical resistant insulated gloves attached booties, purge valve, AWL pockets, pull harness, and heavy-duty waterproof zipper

The IR1500 comes with a storage bag and repair kit



PRODUCT	SUIT SIZE	USER HEIGHT	USER WEIGHT	PRODUCT #
IR1500	Adult Universal	59-78"	110-330 lbs	80-1500-UNIV
Replacement Liner				80-1500-LINER
Replacement Harness				80-1500-HARNESS
Replacement Bag				80-1500-BAG
Tear Repair Kit				80-1500-RKIT





## TORKEL HELMET

High impact ABS molded outer shell with multi-adjustable inner cradle to ensure a secure, snug fit for height and head size

Dense foam lining for impact protection, tough polyethylene ear strengthening pieces and adjustable chin strap

Fits head sizes 52-58cm



Crewsaver®



## CIRRUS DRYSUIT

Fully breathable fabric with taped seams and front entry dry zip

Internal adjustable suspenders for snug fit and glideskin neoprene neck and cuff seals for comfort

Reinforced knees and abrasion resistant seat for durability

Includes removeable fleece liner roll-top storage bag and latex socks



## KONTOUR HELMET

Stylish, lightweight helmet with high impact ABS shell that is well suited for public safety officers and available in three colors

Features a fully adjustable webbing cradle and heat sealed foam inserts for optimum fit during swift water rescue

Small/Medium fits head sizes 56-58cm

Medium/Large fits head sizes 59-61cm



IMPERIAL



## RESCUE ROPE BAG

Heavy duty nylon bag with top cinch opening and 1" snap clip

Tough, high visibility yellow/red floating MFP rope available in three lengths: 100, 70 or 50 ft

PRODUCT	SIZE	PRODUCT #
Torkel Red		66-6312-AD
Torkel Blue		66-6311-AD
Kontour Metallic Red	S/M	66-6252-S/M
	M/L	66-6252-M/L
Kontour Blue Weave	S/M	66-6253-S/M
	M/L	66-6253-M/L
Kontour Black Matte	S/M	66-6254-S/M
	M/L	66-6254-M/L
CIRRUS DRYSUIT Red/Black	S	80-6515-S
	M	80-6515-M
	L	80-6515-L
	XL	80-6515-XL
	2XL	80-6515-XXL
Rescue Rope Bag	100' rope	69-RR100
	70' rope	69-RR70
	50' rope	69-RR50

## THERMAL PROTECTIVE AID

Designed to keep you warm and protected against rain, wind and cold

Sized large enough to accommodate a person wearing a lifejacket

All seams are heat welded



## LIFERAFT FIRST AID KIT

Comes in a transparent 7x9x3" zip pouch and contains adhesive bandages, gauze compress, 4" gauze bandage, 4" bandage compress, ammonia inhalants, eye dressing packs, wire splint, aspirin tablets, 2" bandage compresses, triangular bandage, eye washes, tourniquet



## ANTI-SEASICK TABLETS

Packaged in individually heat-sealed cellophane strip packs with 12 pills per strip



Each package comes with instructions and is individually dated as required by the U.S. Food and Drug Administration

## LIFE BOAT FIRST AID KIT

Comes in a 10.5x10.5x3.5" heavy-duty plastic container with a water-tight O-ring and contains adhesive bandages, large gauze compress, 4" gauze bandage, 4" bandage compress, burn creams, 2" bandage compress, eye washes



## FOOD RATIONS

Emergency food rations, heat sealed in a vapor-proof barrier flexible pouch

Manufactured in accordance with military specification MIL-B-131F

5 year storage life

Comes in three sizes: 2,000 KCAL pack (4 bars, 14 oz./396g); 2,400 KCAL pack (6 bars, 16.7 oz./475g); or 3,600 KCAL pack



## FISHING KIT

Packed in vapor-proof barrier flexible pouch

Manufactured in accordance with military specification MIL-B-131F

Includes hooks, lines, flies, spoons, spinners and survival fishing instructions



## WRIST T-CUFFS

Neoprene forearm covers designed to keep the arms of personnel warm when they are processing cold fish



Order location for all marine accessory products shown on this page

## WHISTLE

Powerful, dual-tone audible signal device

Flat design meeting USCG/SOLAS requirements

Complete with 15-inch lanyard



## JACK KNIFE WITH CAN OPENER

Handles are extremely tough delrin plastic

Adjustable lanyard loop / security closure

72" cotton lanyard

Lining made of brass



## DRINKING WATER

Light, individual use pouches that are airtight and light-tight for maximum freshness up to 5 years

4.25 oz / 125 mL purified water

Labeled in 5 languages



PRODUCT	PRODUCT #
Thermal Protective Aid	10-100-03
Anti-Seasick Tablets	50-364
2,000 KCal Food Rations	40-AV2000
2,400 KCal Food Rations	40-04776009
3,600 KCal Food Rations	40-REV021
Drinking Water	40-05163009
Fishing Kit	50-182
Liferaft First Aid Kit	50-180
Life Boat First Aid Kit	50-181
Whistle (bulk pack)	WHISTLE-USCG
Jack Knife With Can Opener	50-802
Wrist T-Cuffs - Small	80-I-0214
Wrist T-Cuffs - Medium	80-I-0213
Wrist T-Cuffs - Large	80-I-0212
Wrist T-Cuffs - Extra Large	80-I-0211

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# BEACONS & ELECTRONICS

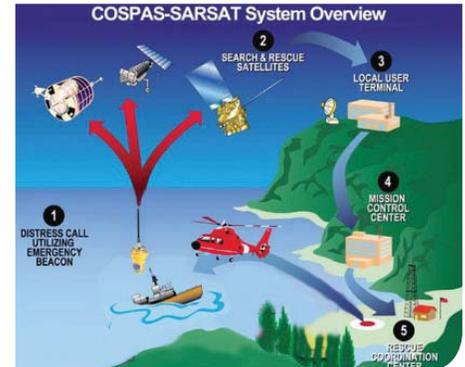
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# CHOOSING THE RIGHT ONE

The commercial marine market is very broad and includes electronics, safety and beacon products. Survitec Group is pleased to provide the most innovative safety beacons available in the world.

SIGNAL TYPE	SIGNAL DESCRIPTION AND
406 MHZ	All EPIRBs transmit the 406 MHz distress signal. The 406 MHz alert signal can be detected by Search & Rescue (SAR) satellites. American, European and Indian authorities operate a series of satellites in low-earth and geostationary orbits to detect and locate aviators, mariners and land-based users in distress. The satellites, together with a world-wide network of ground stations and Mission Control Centers (MCC) form the International COSPAS-SARSAT Program whose mission is to relay distress signals to the international search and rescue community.
121.5 MHZ	All EPIRBs transmit the 121.5 MHz homing signal which is standard on all RTCM approved beacons along with 406 MHz.
GPS	Many beacons have built-in GPS transmitters as an optional feature, which improve speed and accuracy of rescue. Beacons employing this technology are capable of providing typical positional accuracy of +/- 200ft and updates every 20 minutes.
AIS	Automatic Identification System-enabled beacons, including SART and Personal AIS Beacons, transmit signals that can be picked up on any existing chart plotter that has integrated AIS (most modern navionics electronics do). If a member of the crew goes overboard, when they activate their AIS beacon, the signal shows up on their ship's AIS-enabled chart plotter, and the other crew can quickly locate and rescue the member in danger.  Contrast this with the 406 MHz system, where a rescue signal is 1. relayed to satellites, 2. relayed to a search and rescue deployment center, 3. then sent to whoever is closest, 4. then they begin to look. AIS technology expedites the alert by sending an AIS signal to all vessels within 4 nautical miles (depending on sea conditions), which of course most likely includes the crewmember's own ship. This increases the speed to rescue.



**BEACONS WITH 406MHZ, 121MHZ AND GPS TECHNOLOGIES SIGNAL FOR RESCUE FROM FAR AWAY**



**BEACONS WITH AIS SIGNAL FOR RESCUE FROM NEARBY**

BEACON TYPE	MOUNT	PURPOSE	PRODUCT EXAMPLES
<u>Emergency Position-Indicating Radio Beacon (EPIRB)</u>	Installed to vessel bulkhead	Intended to deploy in the event of ship distress and alert the nearest rescue authorities. <b>For Ship.</b>	McMurdo SmartFind Automatic EPIRB 
<u>Personal Locator Beacon (PLB)</u>	Fastened to or carried by vessel personnel	Intended to be activated in the event of personnel distress, such as separation from or sinking of ship, and alert the nearest rescue authorities. <b>For You.</b>	McMurdo Fast Find 220 PLB 
Personal AIS Beacon	Fastened to or carried by vessel personnel	Intended to be activated in a man-overboard situation to alert all vessels in vicinity of need for rescue. <b>For Crew.</b>	McMurdo SmartFind S20 Personal AIS 
<u>Search And Rescue Transmitter (SART)</u>	Packed in escape craft, such as a liferaft	Intended to be activated after personnel have escaped a sinking vessel and into a rescue craft, to alert the nearest rescue authorities and all vessels in the vicinity. <b>For Liferafts and Lifeboats.</b>	McMurdo SmartFind S5 AIS SART 



### SMARTFIND+ G5 GPS EPIRB

FCC and internationally approved, transmitting on 406 and 121.5 MHz

High brightness LED flashing locator light and integrated GPS that once activated, will transmit GPS coordinates for a min. of 48 hours

Non-hazardous battery for safe and easy transportation

5 year warranty and 6 year battery storage life

60 comprehensive diagnostic and self-tests during battery life



### SMARTFIND+ E5 406MHZ EPIRB

FCC and internationally approved, transmitting on 406 and 121.5 MHz

High brightness LED flashing locator light

Once activated, will transmit for a min. of 48 hours

Non-hazardous battery for safe and easy transportation

60 comprehensive diagnostic and self-tests during battery life

5 year warranty and 6 year battery storage life



### SAFELINK SPORTPRO+ GPS EPIRB

FCC and internationally approved, transmitting on 406 and 121.5 MHz

High brightness LED flashing locator light and integrated GPS that once activated, will transmit GPS coordinates for a min. of 48 hours

Non-hazardous battery for safe and easy transportation

5 year warranty and 6 year battery storage life

60 comprehensive diagnostic and self-tests during battery life



ONLY AVAILABLE FOR SALE IN CANADA, CENTRAL AND SOUTH AMERICA

TWO CONFIGURATIONS ARE AVAILABLE FOR MOUNTING EPIRBs: CATEGORY I AUTOMATIC DEPLOYMENT HOUSING, OR CATEGORY II MANUAL DEPLOYMENT CARRYSAFE BRACKET



THE BREAKTHRU HYDROSTATIC RELEASE UNIT (HRU) INSIDE AUTOMATIC HOUSINGS HAS A PLASTIC BOLT THAT SECURES THE EPIRB TO THE CASING AND THE BOLT IS CUT ON ACTIVATION

PRODUCT	CATEGORY	PRODUCT #
SmartFind+ G5 GPS EPIRB	Automatic Cat I	82-800-002A
	Manual Cat II	82-800-001A
SmartFind E5 406MHz EPIRB	Automatic Cat I	82-800-004A
	Manual Cat II	82-800-003A
BreakTHRU HRU		10-82-962-001A
SafeLink Pro GPS EPIRB	Automatic Cat I	K82-813-002A
	Manual Cat II	K82-813-001A
SmartFind E5 406MHz EPIRB	Automatic Cat I	K82-814-002A
	Manual Cat II	K82-814-001A



### SAFELINK SPORTPRO 406MHZ EPIRB

FCC and internationally approved, transmitting on 406 and 121.5 MHz

High brightness LED flashing locator light

Once activated, will transmit for a min. of 48 hours

Non-hazardous battery for safe and easy transportation

5 year warranty and 6 year battery storage life

60 comprehensive diagnostic and self-tests during battery life





## FAST FIND 220 PLB



FCC and internationally approved 406MHz PLB with 50-channel integral GPS and three stage activation for min. 24 hours continuous operation

Buoyant if used with included flotation pouch and waterproof to 30 feet, operating at temperatures down to -20°C

Additional features: includes lanyard and universal pouch, SOS LED flash light, unit is subscription-free with no call charges, 6 year battery storage life



## FAST FIND MAX-G PLB



FCC and internationally approved 406MHz PLB with 50-channel integral GPS, three stage activation for min. 48 hours continuous operation and a user-replacable battery

Inherently buoyant and waterproof to 30 feet, operating at temperatures down to -20°C

Additional features: includes lanyard and universal pouch, SOS LED flash light, unit is subscription-free with no call charges, 6 year battery storage life



## SAFELINK PRO PLB

FCC and internationally approved 406MHz PLB with 50-channel integral GPS, three stage activation for min. 48 hours continuous operation and a user-replacable battery

Inherently buoyant and waterproof to 30 feet, operating at temperatures down to -20°C

Additional features: includes lanyard and universal pouch, SOS LED flash light, unit is subscription-free with no call charges, 6 year battery storage life



## SAFELINK R10 PERSONAL AIS

Provides accurate GPS target tracking position information with serialized ID to plotters and onboard navigation systems on AIS channel 1 -161.975MHz and AIS channel 2 - 162.025MHz

Message 1 (TXID, GPS position, SOG, COG, UTC)

Message 14 (MOB-ACTIVE or MOB-TEST)

4 nautical mile transmit range based on sea conditions and min. 24 hour continuous operation with flashing LED indicator and audible buzzer

The R10 has a 7 year battery storage life, is small and lightweight for mounting on lifejacket with semi-automatic activation possible when installed on lifejacket by an approved service station

ONLY AVAILABLE FOR SALE IN CANADA, CENTRAL AND SOUTH AMERICA



## SMARTFIND S10 AND S20 PERSONAL AIS

Provides accurate GPS target tracking position information with serialized ID to plotters and onboard navigation systems on AIS channel 1 -161.975MHz and AIS channel 2 - 162.025MHz

Message 1 (TXID, GPS position, SOG, COG, UTC), Message 14 (MOB-ACTIVE or MOB-TEST)

4 nautical mile transmit range based on sea conditions and min. 24 hour continuous operation with flashing LED indicator and audible buzzer

Available in two functional models: S10 to aid in rescue of persons in distress, S20 for man-overboard retrieval situations

The S10 has a 5 year battery storage life, is buoyant, is compact for unobtrusive carriage, and is fully submersible to 180 feet

The S20 has a 7 year battery storage life, is small and lightweight for mounting on lifejacket with semi-automatic activation possible when installed on lifejacket by an approved service station



PRODUCT	PRODUCT #
Fast Find 220 PLB	10-91-001-220A
Fast Find Max-G PLB	10-85-890-001A
SmartFind S10	10-98-051-001A
SmartFind S20	10-98-001-002A
SafeLink Pro PLB	K85-890-004A
SafeLink R10	K98-001-001A



## SMARTFIND S5 AIS SART

FCC and internationally approved for ship or survival craft

Comes complete in its own protective carrying case

AIS channel 1 - 161.975MHz, AIS channel 2 - 162.025MHz

Message 1 (TXID, GPS position, SOG, COG, UTC)

Message 14 (SART-ACTIVE or SART-TEST)

Buoyant and waterproof to 30 feet (9 meters)

96 hour operational battery life

Visual indication of operation with built-in test facility

5 year battery storage life



## S4 RESCUE RADIO SART

FCC and internationally approved for ship or survival craft

Compact and lightweight with internal / external mounting options

Buoyant and waterproof to 30 feet (9 meters)

96 hour operational battery life

Audio/visual indication of operation with built-in test facility

5 year battery storage life



## R5 GMDSS VHF HANDHELD RADIO

FCC and MED approved 23 GMDSS channel radio that is waterproof to 1/2 meter for 30 minutes

Features include dimming and backlight control, dual / tri watch, primary lithium battery and indicator with battery-saving function, belt clip and lanyard, antenna whip and storage base

Pack A includes all features of Pack B plus Li-ion rechargeable battery, single charger base, AC/DC converter adapter, and DC connector cables



PRODUCT	PRODUCT #
S4 Rescue Radio SART	10-86-300-001A
SmartFind S5 AIS SART	10-92-001-001A
R5 GMDSS Pack A	10-20-001-01A
R5 GMDSS Pack B	10-20-001-02A
Rescuer 2 Radio SART	K86-300-002A
SafeLink AIS SART	K92-001-002A



## RESCUER 2 RADIO SART

FCC and internationally approved for ship or survival craft

Compact and lightweight with internal / external mounting options

Buoyant and waterproof to 30 feet (9 meters)

96 hour operational battery life

Audio/visual indication of operation with built-in test facility

5 year battery storage life



**ONLY AVAILABLE FOR SALE IN CANADA, CENTRAL AND SOUTH AMERICA**



## SAFELINK AIS SART

FCC and internationally approved for ship or survival craft

Comes complete in its own protective carrying case



AIS channel 1 - 161.975MHz, AIS channel 2 - 162.025MHz

Message 1 (TXID, GPS position, SOG, COG, UTC)

Message 14 (SART-ACTIVE or SART-TEST)

Buoyant and waterproof to 30 feet (9 meters)

96 hour operational battery life

Visual indication of operation with built-in test facility

5 year battery storage life



## SMARTFIND M5 AIS TRANSPONDER

AIS Class A Transponder that provides “ship to ship” and “ship to shore” navigation communication

Compact design with 3.5” color LCD display and GPS antenna

MOB SART alarm to aid with man-overboard recovery

Includes mounting kit

Optimized for use with SmartFind S20 and S10 Personal AIS beacons

Additional Features: Embedded coastline map, detailed target list and radar overview, cable junction box, pilot plug, PC AIS viewer software



## SMARTFIND M10 AIS TRANSPONDER

AIS Class B Transponder that will receive and process all targets within typically 20 miles of the vessel

Built-in 50-channel GPS and data logger for accurate positioning

NMEA 2000 duplex interface capabilities to support latest navigation display devices

AIS channel 1 - 161.975MHz,  
AIS channel 2 - 162.025MHz

Additional Features include NMEA 0183, USB, SD card slot, LED indicators for power / error / AIS Rx / Tx / Silent / SD



## SMARTFIND M15 AIS RECEIVER

Compact and economical dual channel receiver

NMEA 0183

AIS channel 1 - 161.975MHz,  
AIS channel 2 - 162.025MHz

USB or 12/24v DC power option

LED indicators for power / error / AIS Rx / Radio Tx (M15S only)

VHF Port Insertion Loss and Splitter (M15S only)



PRODUCT	PRODUCT #
SmartFind M5	Call
SmartFind M10	Call
SmartFind M15	Call





## WELCOME TO OUR FAMILY

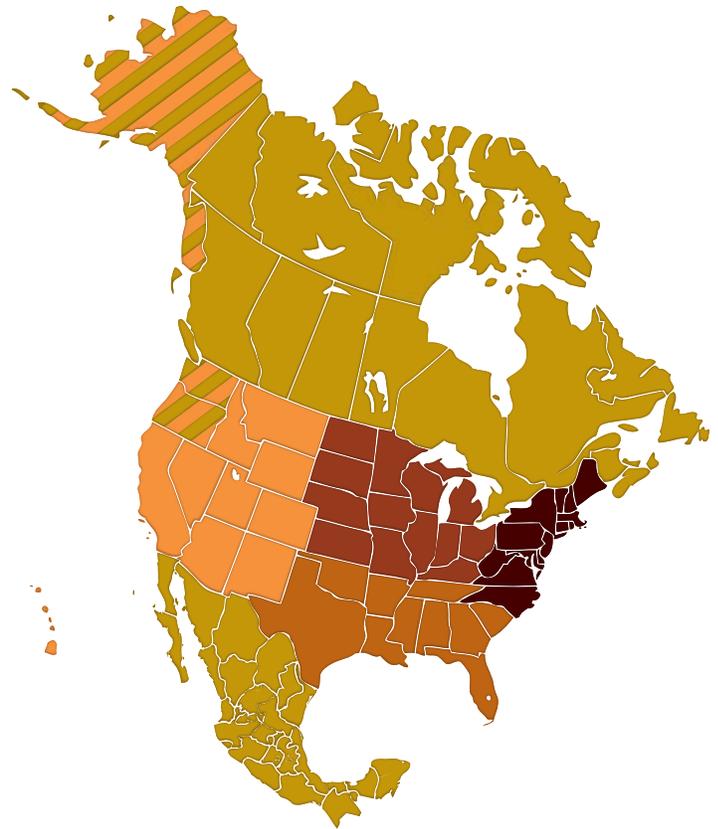
Survitec Group believes in relationships and has built our company on strong partnerships with our customers and suppliers. We appreciate your business. And you can count on Survitec to deliver the best in commercial marine products, services and support.

Our retail store and regional supply customers come in all shapes and sizes. To help better serve the wide variety of needs, we have identified three primary levels including Distributor, Master Distributor and Elite Distributor. Each level has terms which are specific to the particular program. Please contact your Sales Manager to discuss the program that is best for you.

Among our most important customers are Certified Survitec Group Service Stations. We believe it takes strong partnerships with service stations to bring the highest quality, best value survival products to end user customers. Because what you do is so important to the safety of those who depend on our products, we have significant technical and support resources available to you when required.

Meeting the needs of our national end user customers is also our priority, and we know that one size doesn't fit all for our partners. Each of our locations specializes in particular brands and product categories, with key support expertise to help with your ordering and technical questions.

In order to do business we need to set up your account, establish terms, get you a customer program and pricing. Depending on where you are located will determine who should walk you through the process. Our Sales Team below is the best in the business with nearly 125 years of combined experience in the industry.



**Vice President of Sales and Marketing - United States**

**Vice President of Sales - Canada, Central & South America**

**Director of Business Development - Central & South America**

**U.S. Western Regional and Alaska Sales Manager (acting)**

**U.S. Southeast, Gulf Coast and Caribbean Regional Sales Manager**

**U.S. Midwest Regional Sales and Customer Service Manager**

**U.S. Northeast and Mid-Atlantic Regional Sales Manager**

**U.S. Director of Business Development - Survitec Survival Craft**

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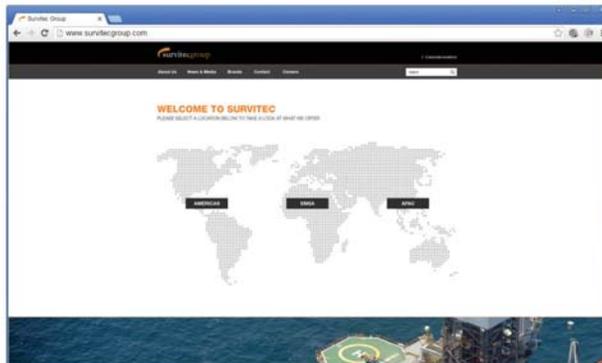
## GLOBAL PUBLIC WEBSITE

<http://www.survitecgroup.com>

Survitec Group's new enterprise website covers everything we offer throughout the world, including the Americas

It includes many exciting features such as a responsive web design, streamlined interface, filtered queries, searchable maps and many other functional benefits

We welcome any feedback you have on navigation, content or other opportunities for improving your browsing experience



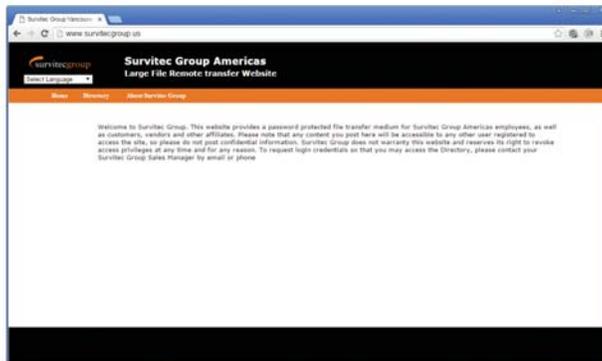
## FTP FILE ACCESS WEBSITE

<http://www.survitecgroup.us>

This catalog is available online in a high resolution format for extraction of imagery by customers, but from time to time, additional high resolution content is needed in order to support local customer efforts

The file access website provides a platform for accessing this additional content

Please contact our Customer Service team in order to receive login and password information to set-up your access to this resource



## SPARE PARTS ONLINE ORDERING WEBSITE

<http://www.survitecspareparts.com>

To streamline the ordering process for spare parts and service materials, Survitec Group has developed an online site where you can reference photographs, specifications, part numbers, then submit your order directly

A login is required, so please contact our Customer Service team in order to set-up your access to this resource



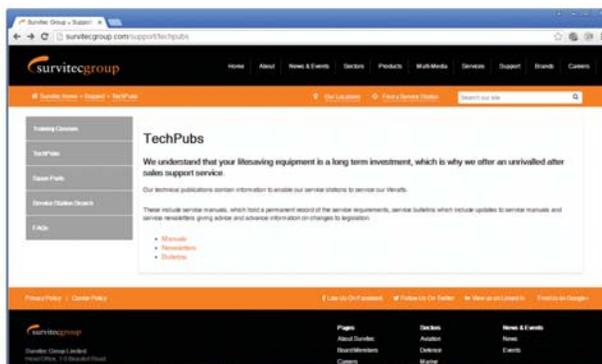
## TECH PUBS AND CERTIFICATES PORTAL

<http://www.survitecgroup.com/support/techpubs>

Managing your certificates can be daunting with all the brands available, and the multitudes of customers that need your help

Fortunately, Survitec Group has a website that allows you quick and easy access to your certificate information, allows you to order new certificates, and hosts a wealth of technical publications available anytime

A login is required to access certificates, so please be sure to register so your access can be provided.



## SURVITEC SURVIVOR CLUB

In 2013, Survitec Group North America introduced the Survitec Survivor Club. We know that our products must work the right way, at the right time, every time. As such, feedback from the survivors who have used our products in life-threatening situations is an extremely critical part of our product improvement process. It is the policy of Survitec Group Americas to replace certain products free-of-charge (\*) when they have been used in a life-threatening situation, have saved a life, AND have been properly documented with an appropriate regulating agency, such as the U.S. or Canadian Coast Guard authorities. Following notice of a survival event, the process works as follows:

1. The Survivor contacts the distributor or dealer from whom he or she purchased the applicable product (electronics, liferafts, PFDs, immersion suits), and provides basic details of the survival event including dates, times, and product label or serial number information.
2. That distributor or dealer contacts Survitec Group at the location from where they ordered the product (example: Sharon Center) to report the event and provide the same information. This begins the replacement process.
3. Survitec Group or the distributor/dealer will contact the Survivor to see if he or she can provide testimonials and photos that document his or her experience. Factual information such as location, time, number of passengers, vessel type, equipment deployed, weather conditions, etc. is very important. Survitec Group requires the incident report from the appropriate regulating agency authority / search and rescue organization and will provide any additional applicable documentation forms when the time is appropriate.
4. When the requested information is in hand, Survitec Group will enact a free replacement to be sent directly to the Survivor or via the distributor. The Survivor will also be recognized in a personal letter from the Survitec Group Vice President and Managing Director, Americas as an inductee into the Survitec Survivor Club.
5. Depending on the circumstances, Survitec Group may request written permission to recognize the Survivor for his or her actions, which will be coordinated between the Survitec Group Sales Manager, and the applicable distributor or dealer.

\* Please contact your Sales Manager for program rules and details.

## MARKETING SUPPORT & INCENTIVES

Survitec Group stands by distribution partners throughout the Americas by offering programs and pricing to customers so they can compete and win in their markets. One way we do that is through marketing and training communication materials.

Sometimes a customer needs artwork or visual communication items that are not covered by our existing tangible inventory. Non-tangible content such as artwork for print collateral, advertisements, signage, website banner advertisements and email blasts may be ordered from the Survitec Group Marketing Department. The first step is to contact your Sales Manager so they can work with our team and create the solution that meets your needs.

Additionally, Survitec Group does not offer a co-op but rather currently provides a two-part incentive program for distributors in the Americas. The program consists of reimbursement plans and promotions, including Customer Catalog Product Representation (CCPR), Customer Print Advertising Reimbursement (CPAR), Customer Online Advertising Reimbursement (COAR), Customer Website Priority Ranking (CWPR) and Customer Dealer Event Sponsorship (CEDS). Limited funds are available on a first-come, first-served basis. The details for each opportunity offered is outlined in an annual meeting between the Survitec Group Sales Manager for the territory, and an officer for the distributor selected. If the signed agreement is submitted by the deadline, and the distributor performs as described in the reimbursement plan over the course of the year, they are provided a credit memo by January 31 of the following year.

Lastly, seasonal and event-based promotions are offered by Survitec Group to promote and support stocking efforts by our commercial marine distributors, retail dealers and service stations. For a list and details of what promotions are available for your territory, please contact your Survitec Group Sales Manager.

**CUSTOMER INCENTIVE PROGRAM ACCEPTANCE**

Survitec Group does not offer a co-op but rather currently provides a two-part incentive program for distributors in the Americas. The program consists of reimbursement plans and promotions, including Customer Catalog Product Representation (CCPR), Customer Print Advertising Reimbursement (CPAR), Customer Online Advertising Reimbursement (COAR), Customer Website Priority Ranking (CWPR) and Customer Dealer Event Sponsorship (CEDS). Limited funds are available on a first-come, first-served basis. The details for each opportunity offered is outlined in an annual meeting between the Survitec Group Sales Manager for the territory, and an officer for the distributor selected. If the signed agreement is submitted by the deadline, and the distributor performs as described in the reimbursement plan over the course of the year, they are provided a credit memo by January 31 of the following year.

PLAN	DESCRIPTION/RECOMMENDATION	APPLICABLE PRODUCTS	CUSTOMER OFFER
CCPR	Customer Catalog Product Representation		
CPAR	Customer Print Advertising Reimbursement		
COAR	Customer Online Advertising Reimbursement		
CWPR	Customer Website Priority Ranking		
CEDS	Customer Dealer Event Sponsorship		

Comments: \_\_\_\_\_

Signature: \_\_\_\_\_ Title: \_\_\_\_\_

Date: \_\_\_\_\_

**CUSTOMER CREDIT REQUEST**

Please complete this form to request a credit from Survitec Group, Inc.

DATE OF REQUEST: \_\_\_\_\_

COMPANY NAME: \_\_\_\_\_

PHONE NUMBER: \_\_\_\_\_

TYPE OF CREDIT:  Trade  Other

AMOUNT REQUESTED: \_\_\_\_\_ ORIGINAL INVOICE NUMBER: \_\_\_\_\_

ADDITIONAL INFORMATION: \_\_\_\_\_

ENTER TIME: \_\_\_\_\_ DATE: \_\_\_\_\_

FOR OFFICE USE ONLY

Approved  No Number  Credit Memo

REMOVED BY: \_\_\_\_\_

CUSTOMER NOTIFIED  Yes  No

## TRAINING, STORE AND EVENT PRODUCT DISPLAY AND LITERATURE SUPPORT



Some of the products we offer have non-operational “dummy” versions that may be ordered by customers for use in employee development, store or event display, and other purposes as discussed with your Sales Manager. To request dummy products or other support items listed such as posters, DVDs or literature, include relevant part numbers and descriptions in your overall order of live or operational product and send to our Customer Service team.

	PRODUCT SUPPORT ITEM	PRODUCT #
<b>PYROTECHNICS &amp; DISTRESS</b>	Dummy - Pains Wessex Linethrower 250 Body	M30-50070
	Dummy - Pains Wessex Linethrower 250 Rocket	M30-50080
	Dummy - Pains Wessex Para Red Rocket	M30-50672
	Dummy - Pains Wessex Para White Rocket	Call
	Dummy - Pains Wessex Red Handflare	M30-52900
	Dummy - Pains Wessex White Handflare	M30-52751
	Dummy - Pains Wessex Lifesmoke	M30-53685
	Dummy - Personal Distress Signal Miniflare Kit	M30-55665
	Dummy - Pains Wessex Day/Night Signal	M30-55970
	Dummy - Pains Wessex Manoverboard	M30-53775
<b>SEARCH, RESCUE, SAFETY &amp; SURVIVAL EQUIPMENT</b>	M-20.2T Maritime Training Package – DVD format	940005
	M-20.2T Training Model – 2 extra mouthpieces and no hood	940011
	M-20.2 EEBD Components Poster, A2 size	340011A2
	M-20.2 EEBD Components Poster, A3 size	340011A3
	M-20.2 EEBD Operating Instruction Poster, A2 size	340012A2
	M-20.2 EEBD Operating Instruction Poster, A3 size	340012A3
	M-20.2 EEBD Visual Inspection Poster, A2 size	340013A2
	M-20.2 EEBD Visual Inspection Poster, A3 size	340013A3
	M-20.2T Mouthpiece Assembly	643102
	M-20.2T Training Video – DVD format	940033
	M-20.2T Breathing Bag Assembly with screws	643031
	M-20.2T Trainer Neck Harness Assembly	643042
	M-20.2T Trainer Base Assembly	643012T
	M-20.2T Nose Clip Assembly	633033
	M-20.2T Band Assembly	330193
	M-20.2T “S” Hook	330192
	M-20.2T Mounting Kit - Mouthpiece	643040
	M-20.2T Activation Cable Kit	643041
M-20.2 Sales Demonstration Unit – non-functional	930045	
<b>BEACONS &amp; ELECTRONICS</b>	Dummy - McMurdo Fast Find Max-G PLB	M10-85-886-001A
	Dummy - McMurdo Fast Find 220 PLB w/GPS	M10-91-001-220A
	Dummy - McMurdo Fast Find Ranger PLB	M10-85-520-005A
	Dummy - McMurdo EPIRB Breakthru HRU	M10-57501-DUMMY
	Dummy - McMurdo SmartFind + G5 EPIRB	M10-82-800-005A
	Dummy - McMurdo SmartFind + G5 EPIRB Auto Housing	M10-82-800-006A
	Dummy - McMurdo S4 Rescuer SART	M10-86-525-001
	Dummy - McMurdo SmartFind S5 AIS SART	M10-92-001-101A
	Dummy - McMurdo SmartFind S20 Unweighted	M98-002-013A
	Dummy - McMurdo SmartFind S10 Unweighted	M10-98-052-001A
	Sample - McMurdo Grab Bag	M10-87-300

Printed literature availability is subject to change without notice. Please be sure to visit [www.survitecgroup.com](http://www.survitecgroup.com) and view the most up-to-date electronic versions of all our brochures, leaflets and commercial marine collateral... including those items not available in printed format.

LITERATURE ITEM	NOTE	PRODUCT #
Catalog - Survitec Group North America Commercial Marine 4th Ed	100+ Pages	M00-SCCPC04A
Brochure -Survitec Group Americas Cruise	Bifold	M00-SCB0010A
Brochure - Survitec Group Americas Oil & Gas	Bifold	M00-SCB0011A
Brochure - Survitec Group Above and Beyond	20 Pages	/LITERATURE
Brochure - RFD Marin Ark	16 Pages	/LITERATURE
Brochure - Survitec Group Global Services	Call	/LITERATURE
Folder - Survitec Group Global Services Proposal	Pocket	/LITERATURE
Folder - Survitec Group Marine Evacuation Systems	Pocket	/LITERATURE
Brochure - McMurdo Safety For Professionals	33 Pages	M00-MCBSFP1A
Brochure - McMurdo SmartFind S20 Personal AIS	Trifold	M00-MCBS20A
Brochure - McMurdo SmartFind S10 Personal AIS	Trifold	M00-MCBS10A
Brochure - McMurdo Fast Find 220 PLB	Trifold	M00-MCBFF02A

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